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NICDC LOGISTICS DATA SERVICES LTD
Logistics Redefined

LOGISTICS DATA BANK

ANALYTICS REPORT

SEPTEMBER 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

75 MILLION+
CONTAINERS HANDLED

179	Toll Plaza Coverage
553+	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

(August'24 vs September'24)

DWELL TIME

WESTERN REGION
Import Cycle : 32.0%
(31 hrs to 40.8 hrs) ▲

Export Cycle : 10.4%
(94.7 hrs to 84.9 hrs) ▼

TOP-PERFORMER :
Bharat Mumbai Container Terminals (PSA)

EASTERN REGION
Import Cycle : 24.0%
(48.6 hrs to 60.3 hrs) ▲

Export Cycle : 6.8%
(105.5 hrs to 98.3 hrs) ▼

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

SOUTHERN REGION
Import Cycle : 14.2%
(49.9 hrs to 57 hrs) ▲

Export Cycle : 7.3%
(85.3 hrs to 79.2 hrs) ▼

TOP-PERFORMER :
Dakshin Bharat Gateway Terminal (DBGT)

TOP PERFORMERS OF SEPTEMBER 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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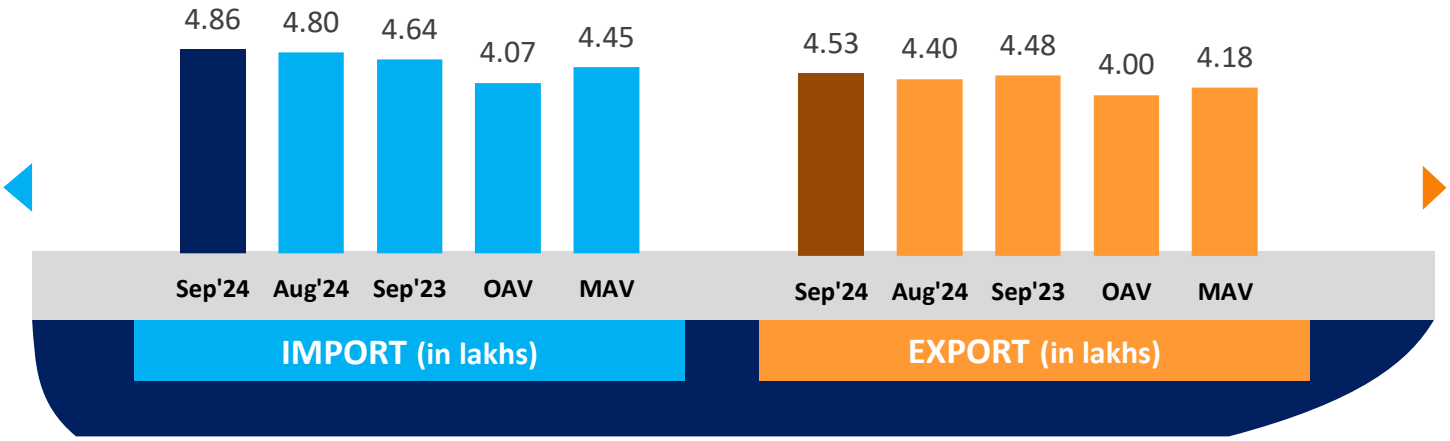
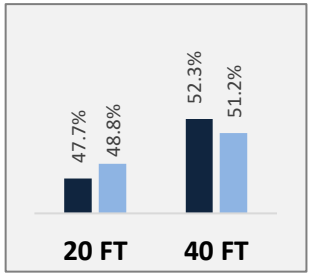
01
PAN INDIA PERFORMANCE

Container Count: PAN India

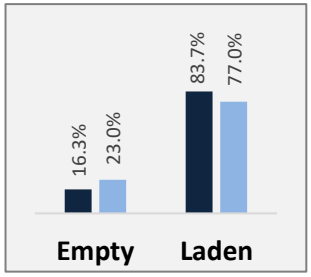
PAN India



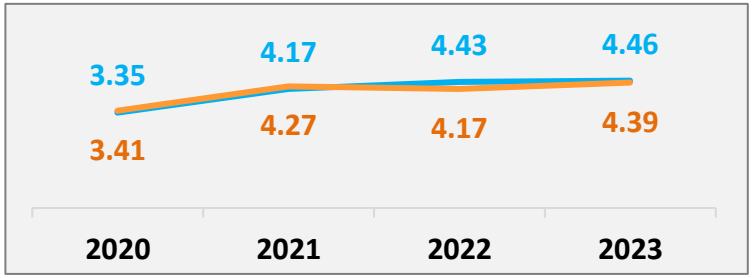
Container Size-wise (Import)



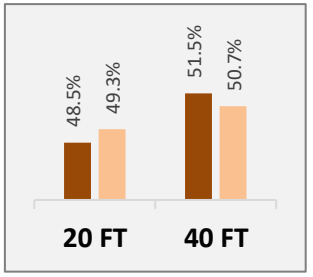
Container Type-wise (Import)



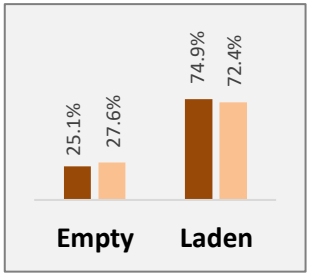
Container Count - Annual Average (in lakhs/ month)



Container Size-wise (Export)



Container Type-wise (Export)



Sep'24 Aug'24 IMPORT EXPORT Sep'24 Aug'24

OAV – Overall Avg Volume
MAV – Monthly Avg Volume

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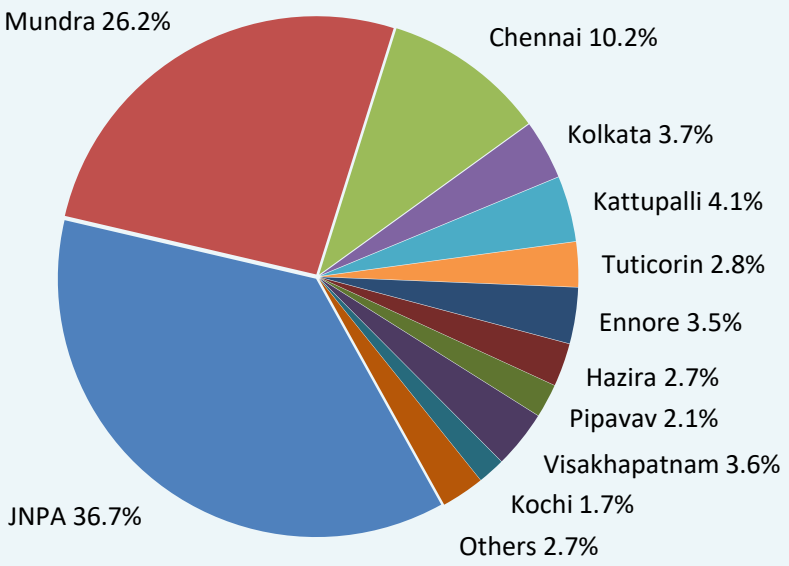
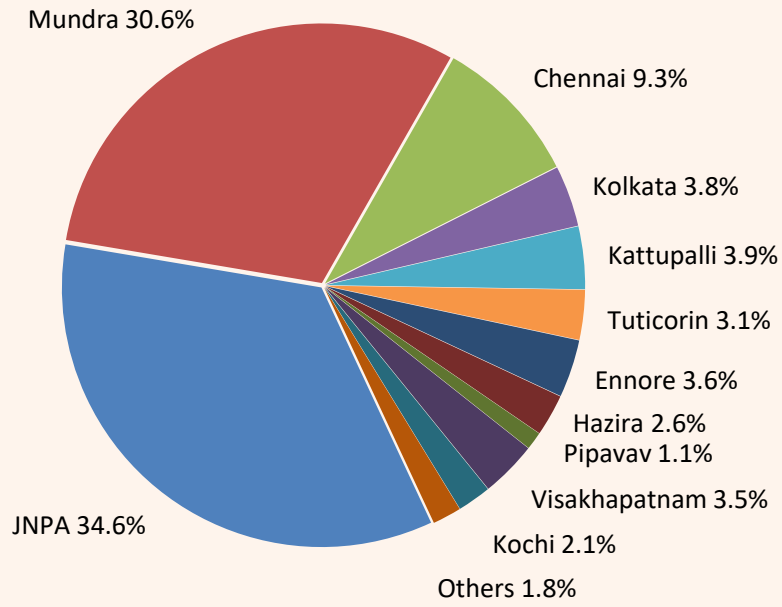
PAN India Distribution

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

Import Containers Distribution (51.7%)
(Container count in % for Sep'24)



Export Containers Distribution (48.3%)
(Container count in % for Sep'24)



In the previous month, container distribution in Import and Export cycle was 52.2% and 47.8% respectively.

Others include Kandla, Haldia, Paradip and New Mangalore

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Key Observations

In comparison with August 2024:

Pan India	• Container count (no. of boxes) has **increased by 1.3% & 3.1%** in both import and export cycle primarily due to southern region, where the volume handled has increased by 19% in import & 26% in export cycle • Top performing terminal for this month is Bharat Mumbai Container Terminals (PSA)
Western Region	• Western region dwell time **performance has reduced by 32%** in import cycle which is majorly due to the Mundra port where the dwell time **performance has reduced by 69%** in import cycle. • Kandla port dwell time **performance has improved by 33%** in import cycle as the ongoing civil work outside port is completed. • Pipavav port dwell time **performance has reduced by 37%** in import cycle as the port allows an additional free time to the customers thus the containers stay at the port for a long time. • JNPA CFS transit time **performance has improved by 24%** in export cycle due to significant reduction in congestion as compared to previous month.
Southern Region	• Southern region dwell time **performance of empty containers has improved by 14%** in export cycle as increased vessel call volume led to faster clearance of containers in the region. • Kattupalli port dwell time **performance has reduced by 33%** in import cycle due to ongoing red sea crisis, vessel bunching, and a shortage of space at the yards that causes congestion and longer dwell times.
Eastern Region	• Visakhapatnam port dwell time **performance has reduced by 26%** in import cycle due to longer period of stay at the yard for certain containers, leading to decrease in dwell time performance. • Haldia port dwell time **performance has improved by 29%** in export cycle as the export containers were handled on priority due to festival season. • Haldia port dwell time **performance has reduced by 30%** in import cycle as import container volume has increased by 54% leading to increase in container clearance time.

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Dwell Time Performance (September 2024): PAN India

Western Region

Hazira

Import	Export
23.0 ↓	117.4

Pipavav

Import	Export
66.6 ↑	114.8 ↓

Kolkata

Import	Export
44.0	123.2 ↑

Mundra

Import	Export
45.3 ↑	99.5 ↓

Visakhapatnam

Import	Export
65.2 ↑	82.4 ↓

Nhava Sheva (JNPA)

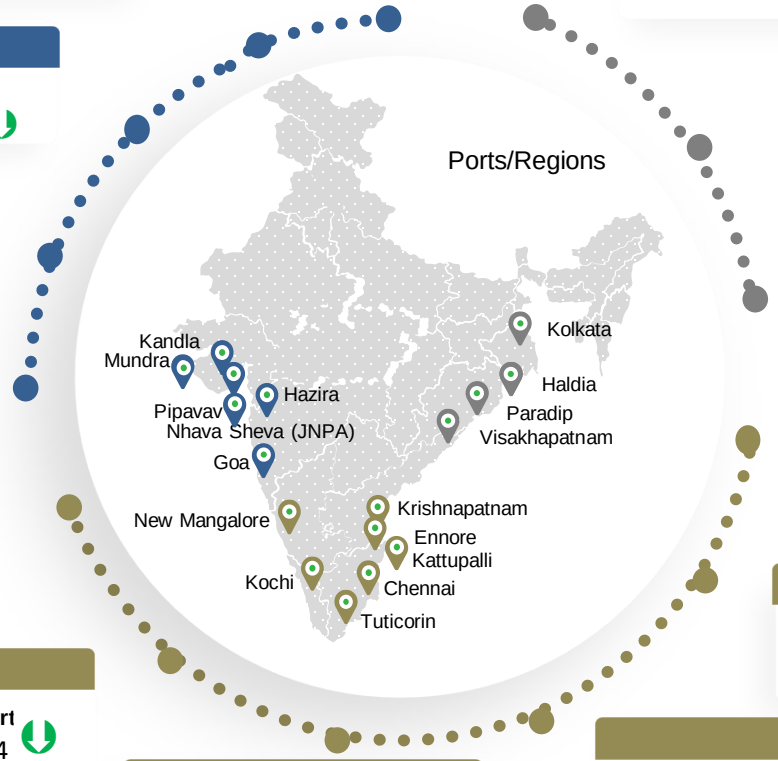
Import	Export
38.6 ↑	73.7

Haldia

Import	Export
88.5 ↑	120.0 ↓

Kandla

Import	Export
65.8 ↓	94.5



Chennai

Import	Export
60.4	81.0

Tuticorin

Import	Export
24.1	59.0

Ennore

Import	Export
58.7	90.3 ↓

Kochi

Import	Export
39.9	100.4 ↓

Kattupalli

Import	Export
83.0 ↑	86.9

New Mangalore

Import	Export
92.7	92.3
59.5*	50.0*

Eastern Region

Southern 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)
Sep'24	40.8 ↑	84.9 ↓
Aug'24	31.0	94.7
Sep'23	21.3	86.8
OADT	25.2	91.2
MADT	27.8	89.7

Southern Region

Duration	Import Dwell Time (in hrs)	Export Dwell Time (in hrs)
Sep'24	57.0 ↑	79.2 ↓
Aug'24	49.9	85.3
Sep'23	44.3	77.4
OADT	42.2	86.4
MADT	44.2	83.2

Eastern Region

Duration	Import Dwell Time (in hrs)	Export Dwell Time (in hrs)
Sep'24	60.3 ↑	98.3 ↓
Aug'24	48.6	105.5
Sep'23	47.5	92.9
OADT	48.5	105.0
MADT	46.7	104.2

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

	Sep'24 (in hrs)		Aug'24 (in hrs)	Sep'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western Region	**40.8**		**31.0**	**21.3**	**25.2**	**27.8**
JNPA	38.6	↑	33.5	17.1	21.8	22.3
Mundra	45.3	↑	26.8	26.3	28.1	35.1
Pipavav	66.6	↑	48.6	55.8	53.1	55.3
Kandla	65.8	↓	97.6	29.6	46.5	62.5
Hazira	23.0	↓	26.6	34.4	32.3	33.1
Southern Region	**57.0**		**49.9**	**44.3**	**42.2**	**44.2**
Chennai	60.4	↑	56.3	50.9	43.9	48.0
Kochi	39.9	↓	41.6	42.9	43.1	44.6
Kattupalli	83.0	↑	62.4	48.5	54.5	58.4
Tuticorin	24.1	↑	23.8	17.2	22.2	20.3
Ennore	58.7	↑	53.6	40.9	43.1	42.5
New Mangalore	59.5*	↑	41.3*	75.7	97.9	105.6
Eastern Region	**60.3**		**48.6**	**47.5**	**48.5**	**46.7**
Visakhapatnam	65.2	↑	51.6	60.1	57.5	56.4
Kolkata	44.0	↑	42.1	34.5	35.5	33.9
Haldia	88.5	↑	68.3	65.7	88.8	87.5

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

	Sep'24 (in hrs)		Aug'24 (in hrs)	Sep'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western Region	**84.9**		**94.7**	**86.8**	**91.2**	**89.7**
JNPA	73.7	↓	79.7	71.9	72.7	74.7
Mundra	99.5	↓	111.3	102.8	113.3	108.4
Pipavav	114.8	↓	142.6	99.9	123.0	106.6
Kandla	94.5	↓	98.2	97.3	109.9	103.7
Hazira	117.4	↓	125.1	98.8	117.7	116.2
Southern Region	**79.2**		**85.3**	**77.4**	**86.4**	**83.2**
Chennai	81.0	↓	89.7	83.1	90.8	87.7
Kochi	100.4	↓	113.4	72.8	87.9	93.3
Kattupalli	86.9	↓	94.9	81.2	94.9	88.8
Tuticorin	59.0	↓	59.7	52.3	64.3	62.5
Ennore	90.3	↓	101.5	89.9	99.9	92.1
New Mangalore	50.0*	↓	56.5*	87.5	98.7	107.0
Eastern Region	**98.3**		**105.5**	**92.9**	**105.0**	**104.2**
Visakhapatnam	82.4	↓	95.4	84.9	91.7	89.4
Kolkata	123.2	↑	108.9	109.3	118.4	121.8
Haldia	120.0	↓	168.0	96.0	124.7	126.2

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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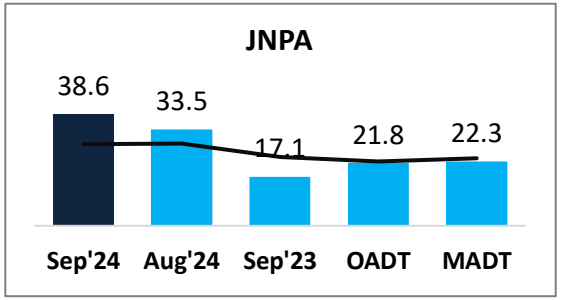
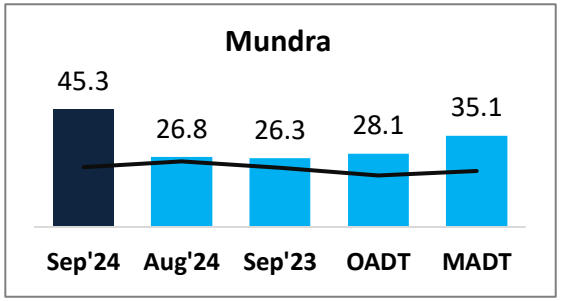
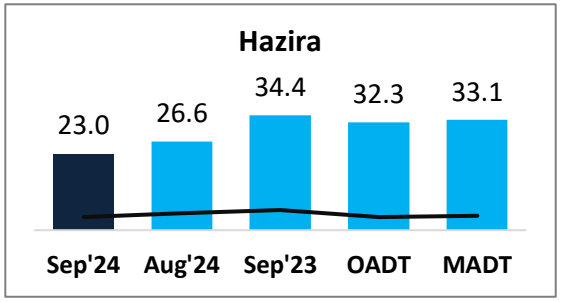
Port Performance Comparison: Import Cycle

Port dwell time performance across various time frames:

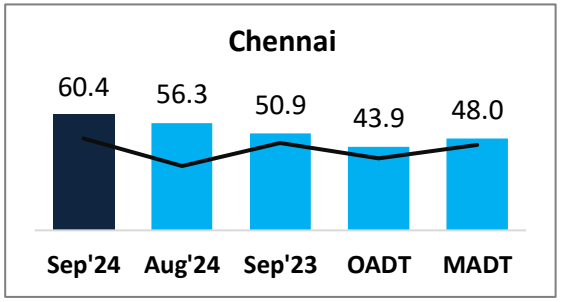
Western Region
(Container count share 68.6%)

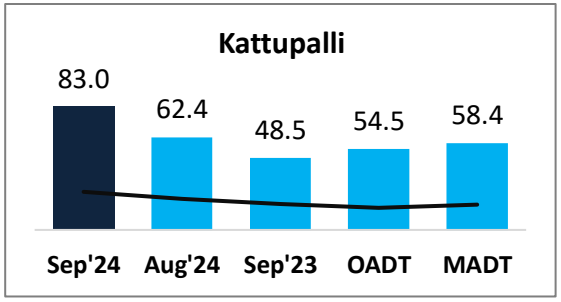


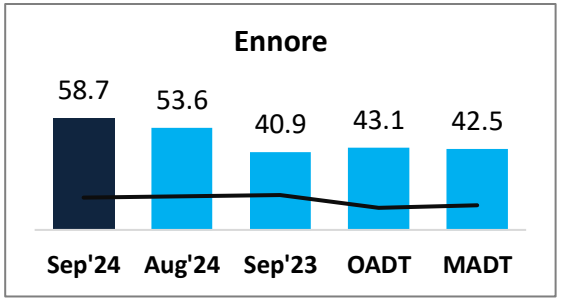




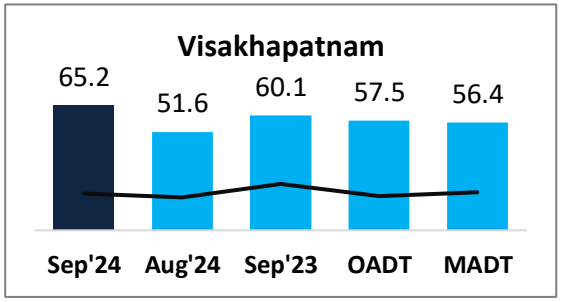
Southern Region
(Container count share 22.9%)

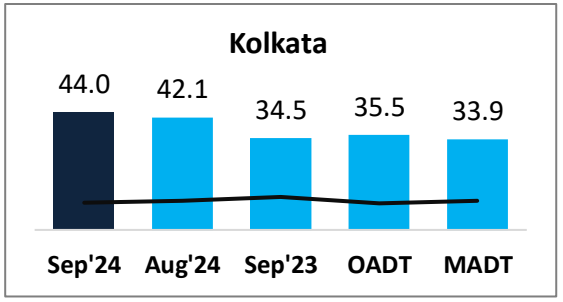


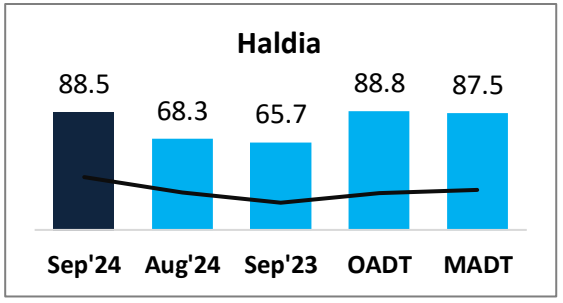




Eastern Region
(Container count share 8.5%)







—— 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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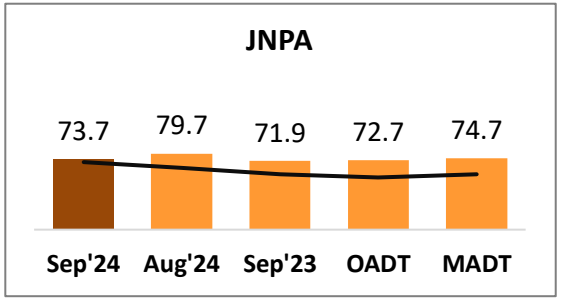
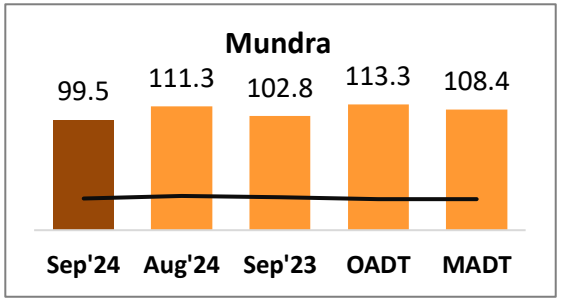
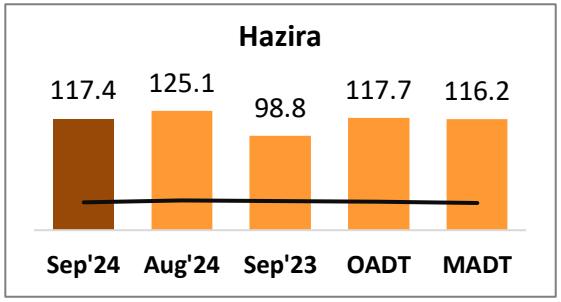
Port Performance Comparison: Export Cycle

Port dwell time performance across various time frames:

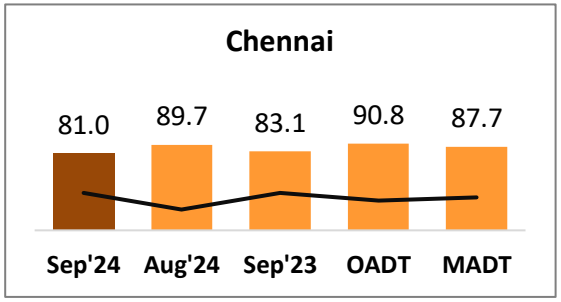
Western Region
(Container count share 68.9%)

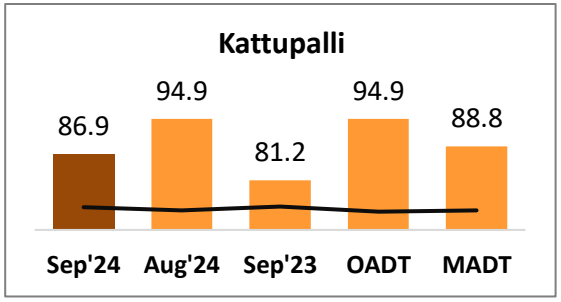


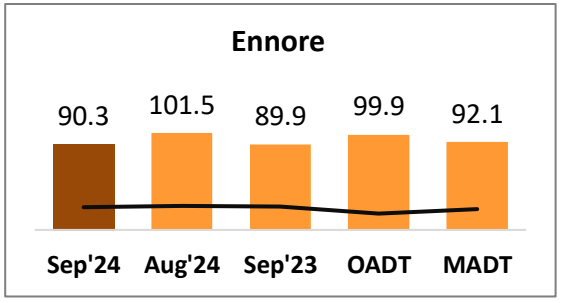




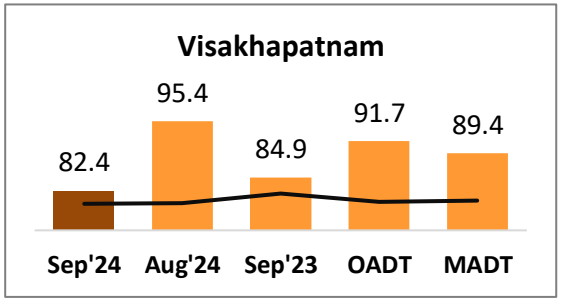
Southern Region
(Container count share 22.6%)

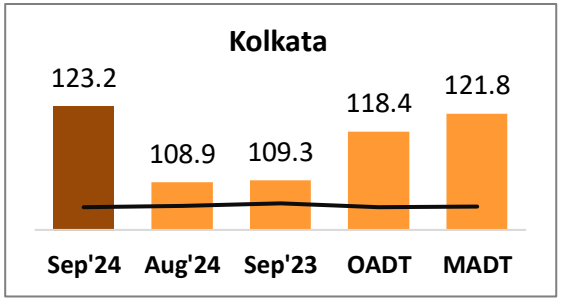


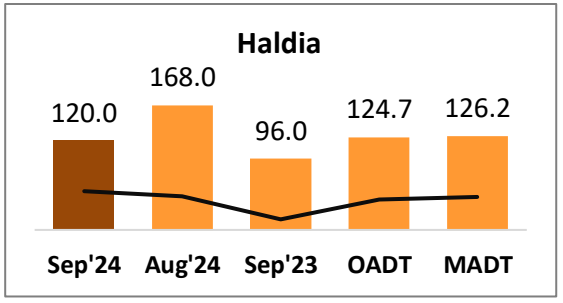




Eastern Region
(Container count share 8.5%)







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

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

DPD

IMPORT

	Sep'24 (in hrs)		Aug'24 (in hrs)	Sep'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	34.2	↑	24.7	20.6	30.6	31.9
Southern	84.8	↑	78.8	61.8	66.4	47.2
Eastern	120.9	↑	115.5	73.2	80.9	78.6

Non DPD

IMPORT

	Sep'24 (in hrs)		Aug'24 (in hrs)	Sep'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	41.8	↑	31.7	20.9	23.8	25.5
Southern	55.7	↑	48.9	42.4	36.8	41.6
Eastern	54.3	↑	43.9	43.9	47.5	44.8

DPE

EXPORT

	Sep'24 (in hrs)		Aug'24 (in hrs)	Sep'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	75.2	↓	80.8	75.8	77.0	77.7
Southern	-		113.4	77.7	89.3	91.4
Eastern	120.1	↓	136.9	120.8	121.3	117.3

Non DPE

EXPORT

	Sep'24 (in hrs)		Aug'24 (in hrs)	Sep'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	86.3	↓	96.4	87.4	81.4	82.6
Southern	77.1	↓	85.7	75.4	76.1	80.3
Eastern	84.6	↓	85.7	74.0	92.1	88.1

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: Container Size – Region wise

Port dwell time of containers based on container size:

40 FT

IMPORT

	Sep'24 (in hrs)		Aug'24 (in hrs)	Sep'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	43.8	↑	33.2	21.2	25.2	27.7
Southern	56.7	↑	50.3	44.8	40.1	42.4
Eastern	58.4	↑	45.3	42.1	43.4	42.4

20 FT

IMPORT

	Sep'24 (in hrs)		Aug'24 (in hrs)	Sep'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	37.2	↑	28.7	21.4	25.2	27.8
Southern	57.5	↑	49.3	43.9	44.1	45.5
Eastern	61.5	↑	51.2	50.1	51.6	49.2

40 FT

EXPORT

	Sep'24 (in hrs)		Aug'24 (in hrs)	Sep'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	86.8	↓	96.2	85.6	90.0	89.6
Southern	83.3	↓	90.5	79.3	88.5	85.7
Eastern	103.4	↓	111.3	89.7	105.4	103.7

20 FT

EXPORT

	Sep'24 (in hrs)		Aug'24 (in hrs)	Sep'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	83.0	↓	93.3	87.8	91.2	89.8
Southern	73.9	↓	78.9	75.7	83.0	80.6
Eastern	96.2	↓	102.8	93.8	105.0	104.2

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

	Sep'24 (in hrs)		Aug'24 (in hrs)	Sep'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	37.1	↑	28.1	23.0	32.1	33.2
Southern	62.2	↑	53.7	43.8	38.9	39.7
Eastern	105.6	↑	79.4	64.6	62.6	64.2

Laden

IMPORT

	Sep'24 (in hrs)		Aug'24 (in hrs)	Sep'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	41.9	↑	31.8	20.9	22.5	24.5
Southern	54.0	↑	47.5	44.3	43.0	46.1
Eastern	57.0	↑	45.3	43.7	50.2	46.0

Empty

EXPORT

	Sep'24 (in hrs)		Aug'24 (in hrs)	Sep'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	68.6	↓	74.3	68.0	68.4	68.1
Southern	82.3	↓	95.5	82.0	75.6	80.0
Eastern	62.1	↑	52.8	44.7	55.7	55.1

Laden

EXPORT

	Sep'24 (in hrs)		Aug'24 (in hrs)	Sep'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	90.1	↓	102.1	90.2	90.7	91.9
Southern	78.3	↓	78.4	74.6	88.0	83.4
Eastern	115.1	↓	127.8	109.2	115.3	110.3

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

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

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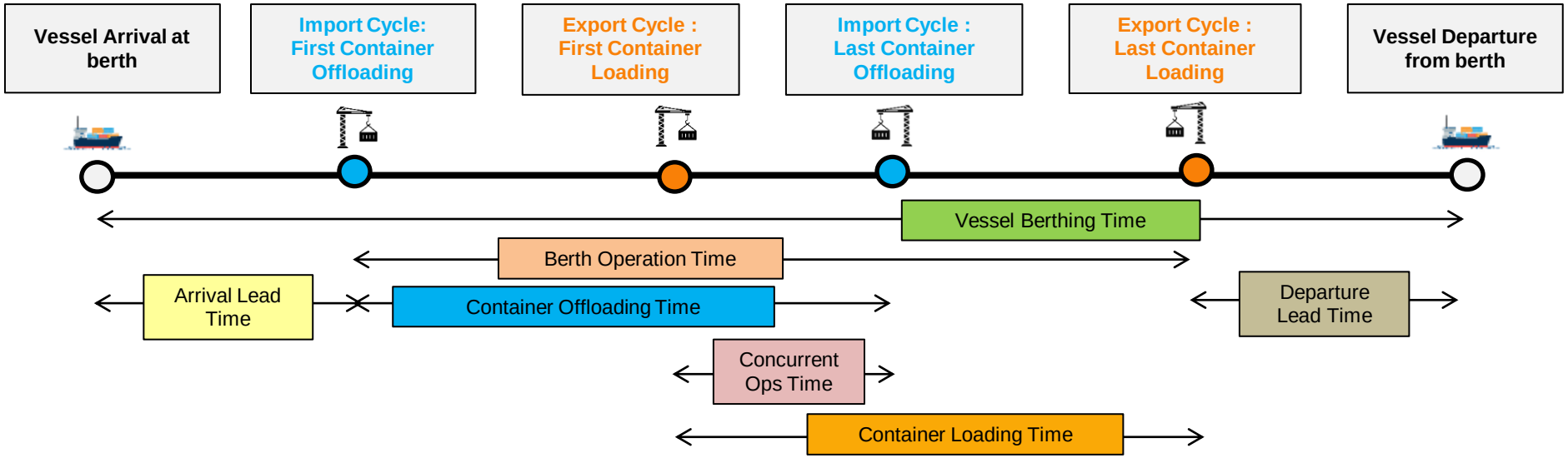
Vessel Analysis: PAN India



Sep'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	22.1	1.7	4.0	2.0	2.5	-	2.0
Mundra	27.0	-	4.5	2.0	2.8	-	-
JNPA	21.6	1.1	1.9	1.3	2.0	58.3%	1.0
Other Western	20.2	-	5.2	1.8	3.8	76.2%	-
Southern	23.0	2.2	3.0	1.8	2.2	52.2%	2.0
Eastern	18.0	1.4	5.8	4.5	5.0	44.9%	2.8

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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:

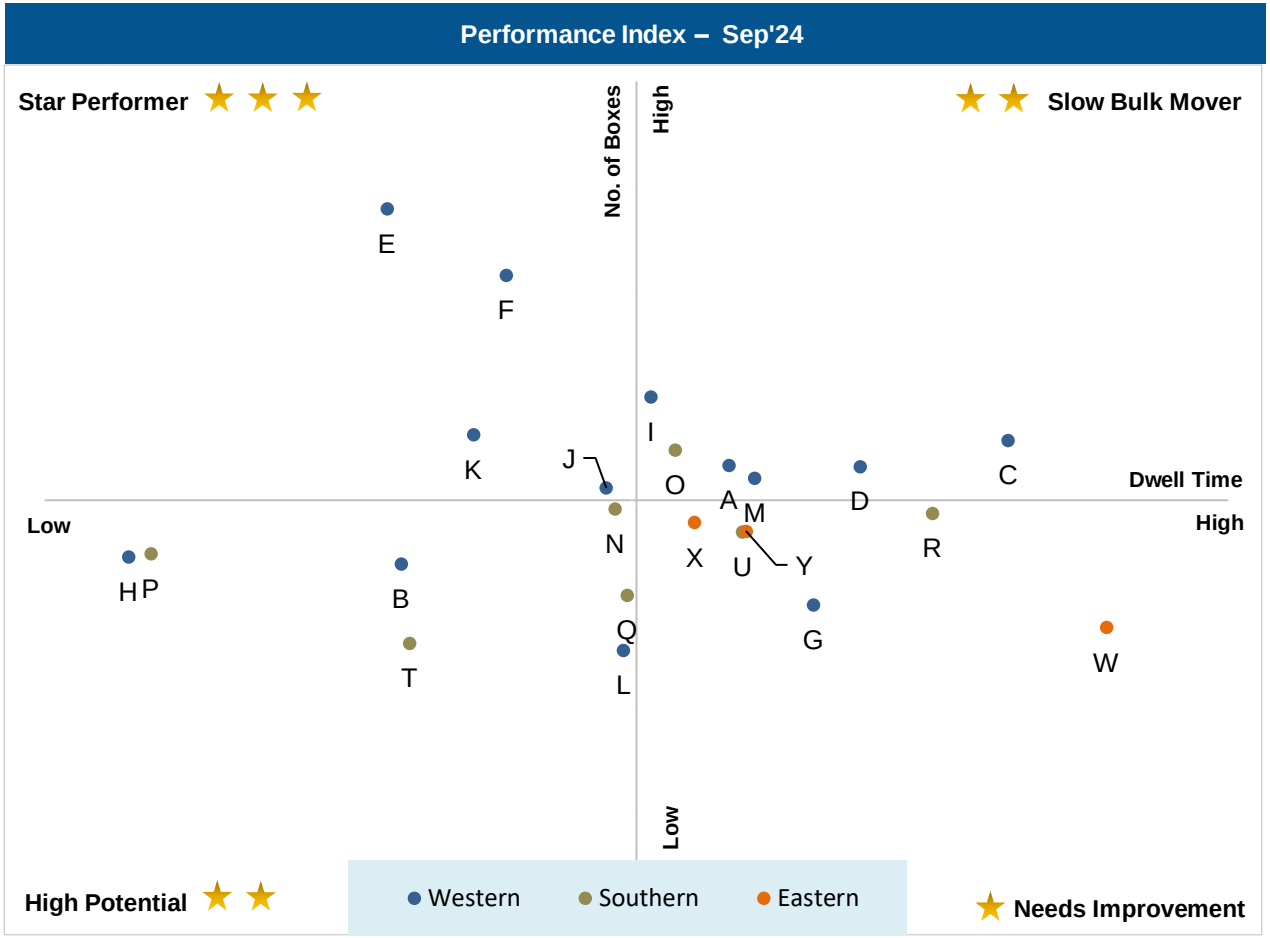

Abb.	Terminals	Container count
A	Adani CMA Mundra Terminal (ACMTPL)	5.26%
B	Adani Hazira Port Private Limited (AHPPL)	2.68%
C	Adani International Container Terminal (AICTPL)	5.91%
D	Adani Mundra Container Terminal (AMCT)	5.23%
E	Bharat Mumbai Container Terminals(PSA)	11.94%
F	Gateway Terminals India (GTI)	10.21%
G	APM Terminals Pipavav, Gujarat	1.62%
H	Nhava Sheva Freeport Terminal (NSFT)	2.87%
I	Mundra International Container Terminal (MICT)	7.04%
J	Nhava Sheva India Gateway Terminal (NSIGT)	4.67%
K	Nhava Sheva International Container Terminal (NSICT)	6.05%
L	Kandla International Container Terminal (KICT)	0.45%
M	Adani Mundra Container Terminal-2 (AMCT-2)	4.93%
N	Chennai Container Terminal Pvt. Ltd. (CCTL)	4.12%
O	Chennai International Terminals Pvt Ltd (CITPL)	5.67%
P	Dakshin Bharat Gateway Terminal (DBGT)	2.95%
Q	International Container Transhipment Terminal, Kochi	1.88%
R	Adani Kattupalli Port Private Limited (AKPPL)	4.01%
S	PSA SICAL Terminals	-
T	Mangalore Container Terminal Private Limited (MCTPL)*	0.63%
U	Adani Ennore Container Terminal	3.53%
V	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)	-
W	Haldia International Container Terminal (HICT)	1.03%
X	Kolkata Dock System (KDS) , Kolkata Port	3.77%
Y	Visakha Container Terminal	3.55%

X-Axis: Dwell Time

Y-Axis: No. of Boxes

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

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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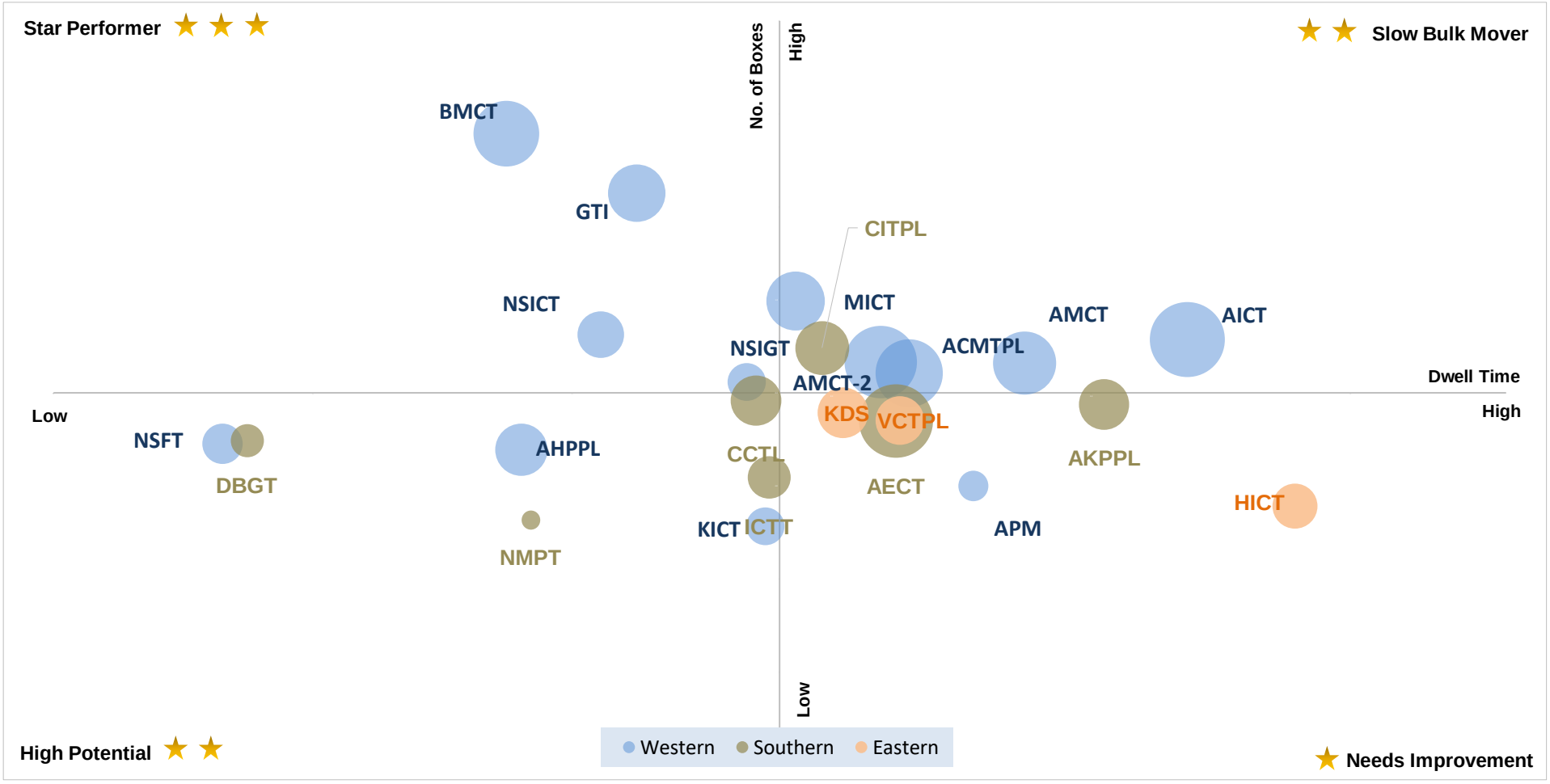
Performance Benchmarking: PAN India Terminals

Performance benchmarking of terminals based on dwell time, container count (no. of boxes) handled, and terminal capacity for Sep'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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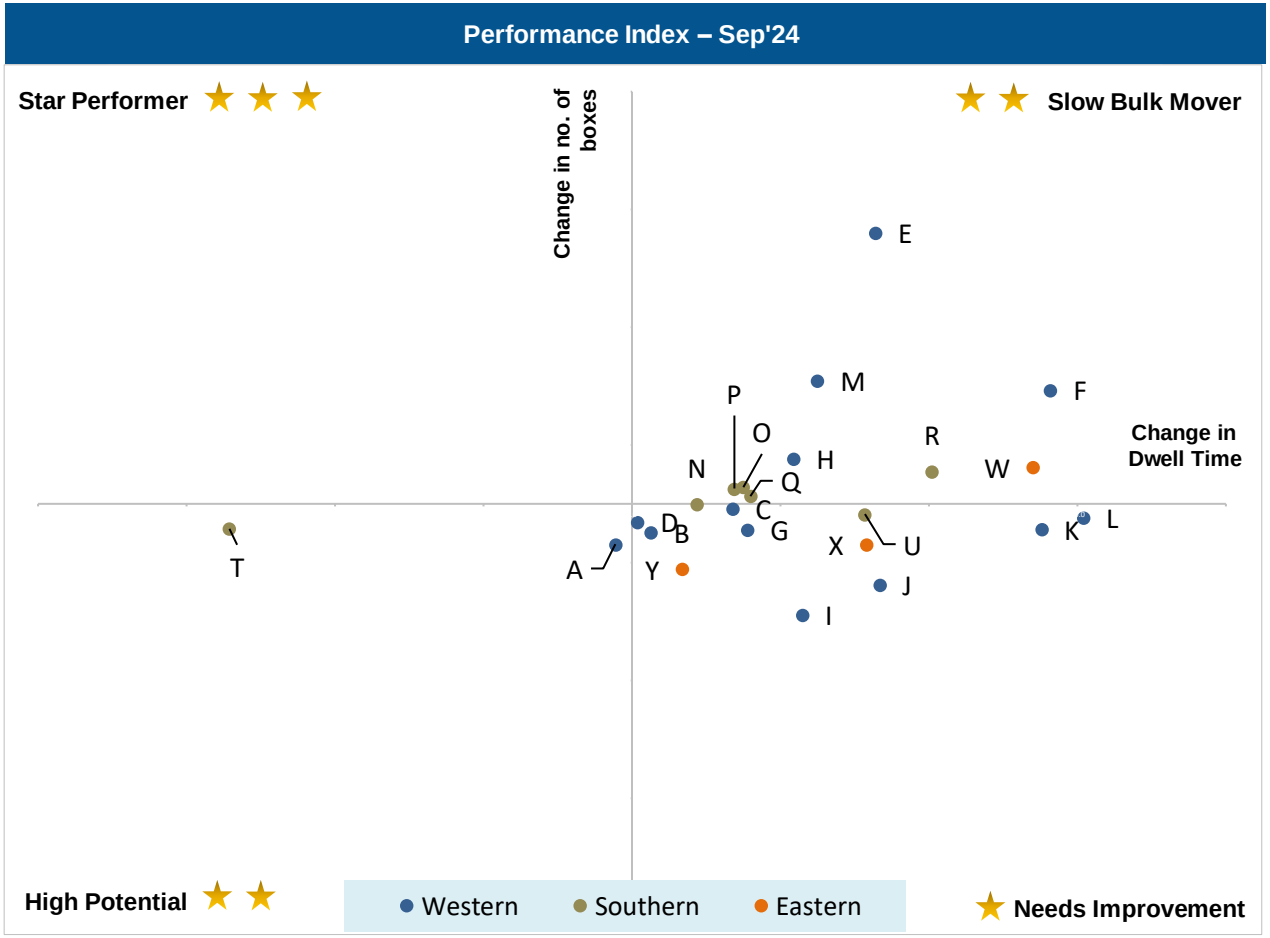
Performance Benchmarking (Previous year same month): PAN India Terminals

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)	2.68%
C	Adani International Container Terminal (AICTPL)	5.91%
D	Adani Mundra Container Terminal (AMCT)	5.23%
E	Bharat Mumbai Container Terminals(PSA)	11.94%
F	Gateway Terminals India (GTI)	10.21%
G	APM Terminals Pipavav, Gujarat	1.62%
H	Nhava Sheva Freeport Terminal (NSFT)	2.87%
I	Mundra International Container Terminal (MICT)	7.04%
J	Nhava Sheva India Gateway Terminal (NSIGT)	4.67%
K	Nhava Sheva International Container Terminal (NSICT)	6.05%
L	Kandla International Container Terminal (KICT)	0.45%
M	Adani Mundra Container Terminal-2 (AMCT-2)	4.93%
N	Chennai Container Terminal Pvt. Ltd. (CCTL)	4.12%
O	Chennai International Terminals Pvt Ltd (CITPL)	5.67%
P	Dakshin Bharat Gateway Terminal (DBGT)	2.95%
Q	International Container Transhipment Terminal, Kochi	1.88%
R	Adani Kattupalli Port Private Limited (AKPPL)	4.01%
S	PSA SICAL Terminals	-
T	Mangalore Container Terminal Private Limited (MCTPL)*	0.63%
U	Adani Ennore Container Terminal	3.53%
V	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)	-
W	Haldia International Container Terminal (HICT)	1.03%
X	Kolkata Dock System (KDS) , Kolkata Port	3.77%
Y	Visakha Container Terminal	3.55%

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):

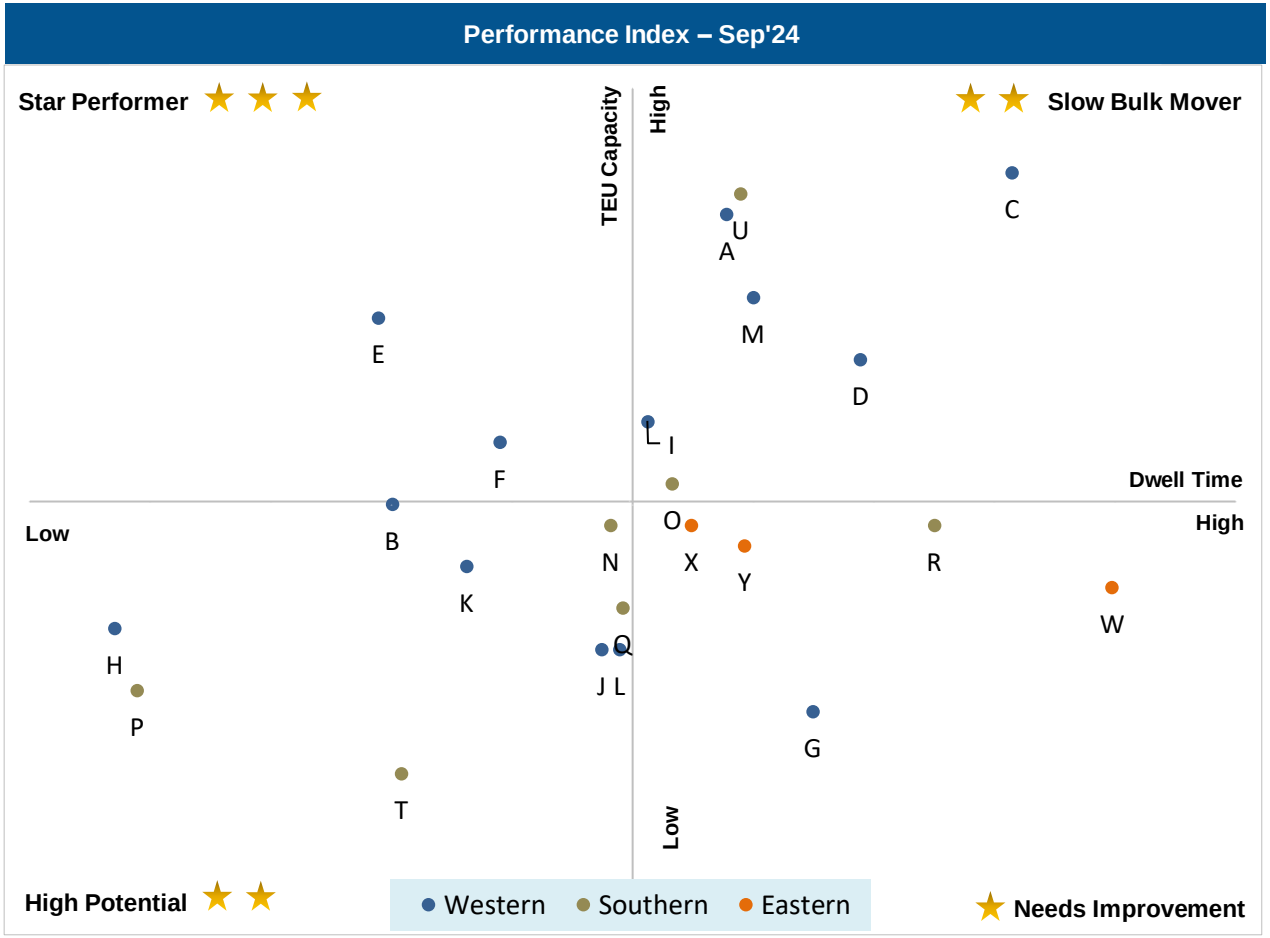

Abb.	Terminals	Container count
A	Adani CMA Mundra Terminal (ACMTPL)	5.26%
B	Adani Hazira Port Private Limited (AHPPL)	2.68%
C	Adani International Container Terminal (AICTPL)	5.91%
D	Adani Mundra Container Terminal (AMCT)	5.23%
E	Bharat Mumbai Container Terminals(PSA)	11.94%
F	Gateway Terminals India (GTI)	10.21%
G	APM Terminals Pipavav, Gujarat	1.62%
H	Nhava Sheva Freeport Terminal (NSFT)	2.87%
I	Mundra International Container Terminal (MICT)	7.04%
J	Nhava Sheva India Gateway Terminal (NSIGT)	4.67%
K	Nhava Sheva International Container Terminal (NSICT)	6.05%
L	Kandla International Container Terminal (KICT)	0.45%
M	Adani Mundra Container Terminal-2 (AMCT-2)	4.93%
N	Chennai Container Terminal Pvt. Ltd. (CCTL)	4.12%
O	Chennai International Terminals Pvt Ltd (CITPL)	5.67%
P	Dakshin Bharat Gateway Terminal (DBGT)	2.95%
Q	International Container Transhipment Terminal, Kochi	1.88%
R	Adani Kattupalli Port Private Limited (AKPPL)	4.01%
S	PSA SICAL Terminals	-
T	Mangalore Container Terminal Private Limited (MCTPL)*	0.63%
U	Adani Ennore Container Terminal	3.53%
V	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)	-
W	Haldia International Container Terminal (HICT)	1.03%
X	Kolkata Dock System (KDS) , Kolkata Port	3.77%
Y	Visakha Container Terminal	3.55%

X-Axis: Dwell Time

Y-Axis: TEU Capacity

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

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

	Sep'24 (in hrs)		Aug'24 (in hrs)	Sep'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western Region	**94.7**		**94.7**	**96.5**	**92.1**	**91.8**
JNPA	85.7	↓	87.3	87.8	85.2	84.3
Mundra	109.5	↑	107.9	105.3	101.4	103.4
Pipavav	-		96.5	88.1	85.7	97.6
Hazira	124.5	↑	107.5	122.6	104.3	105.9
Southern Region	**135.4**		**128.6**	**125.5**	**116.0**	**128.2**
Chennai, Ennore, Kattupalli	124.5	↑	111.3	114.8	110.1	118.9
Kochi	142.7	↓	143.2	147.8	123.8	146.3
Tuticorin	183.9	↓	196.3	170.5	165.1	169.5
Eastern Region	**151.6**		**160.9**	**158.5**	**147.2**	**152.8**
Visakhapatnam	186.3	↑	180.4	172.4	160.1	173.0
Kolkata	146.9	↓	150.8	153.7	139.5	146.9
Haldia	127.7	↓	186.8	140.9	143.1	140.2

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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Dwell Time Performance: CFS Export Cycle

EXPORT

	Sep'24 (in hrs)		Aug'24 (in hrs)	Sep'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western Region	**73.1**		**69.7**	**54.0**	**67.7**	**66.2**
JNPA	75.8	↑	74.6	60.2	75.1	75.2
Mundra	70.7	↑	62.8	48.3	58.0	56.3
Pipavav	-		77.1	71.3	69.9	71.7
Southern Region	**44.9**		**38.9**	**33.6**	**38.3**	**37.7**
Chennai, Ennore, Kattupalli	50.6	↑	43.7	37.0	43.4	42.6
Tuticorin	28.3	↑	26.9	23.7	24.9	25.4
Eastern Region	**99.0**		**88.2**	**80.6**	**95.7**	**88.2**
Visakhapatnam	66.1	↓	76.5	72.4	83.4	71.9
Kolkata	121.8	↑	104.4	99.0	103.8	101.1

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

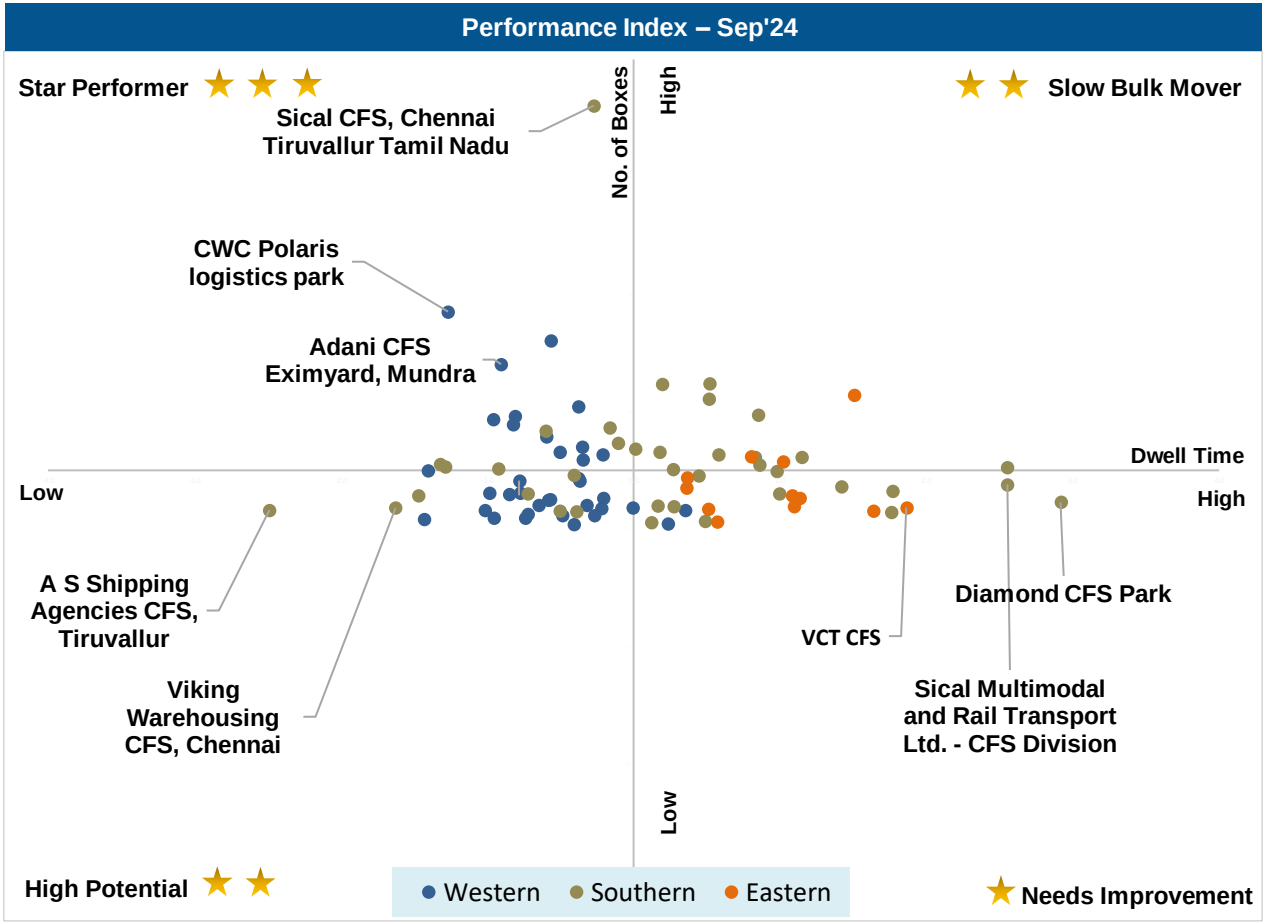
Performance benchmarking of CFSs based on dwell time vis-a-vis container count (no. of boxes) handled:

Top Performing CFS

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

High Potential CFS

- Viking Warehousing CFS, Chennai
- A S Shipping Agencies CFS, Tiruvallur



Low Performing CFS

- Diamond CFS Park
- Sical Multimodal and Rail Transport Ltd. - CFS Division
- VCT CFS

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

	Sep'24 (in hrs)		Aug'24 (in hrs)	Sep'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western Region	118.6	↓	131.0	134.0	135.4	122.9
Southern Region	128.8	↓	145.9	134.1	132.9	128.2
Eastern Region	123.1	↑	99.9	105.8	106.4	118.3
Northern Region	113.2	↓	135.5	137.6	133.0	125.0

EXPORT

	Sep'24 (in hrs)		Aug'24 (in hrs)	Sep'23 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western Region	110.4	↓	115.6	86.5	97.0	87.5
Northern Region	87.9	↓	103.3	109.2	99.6	93.5

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

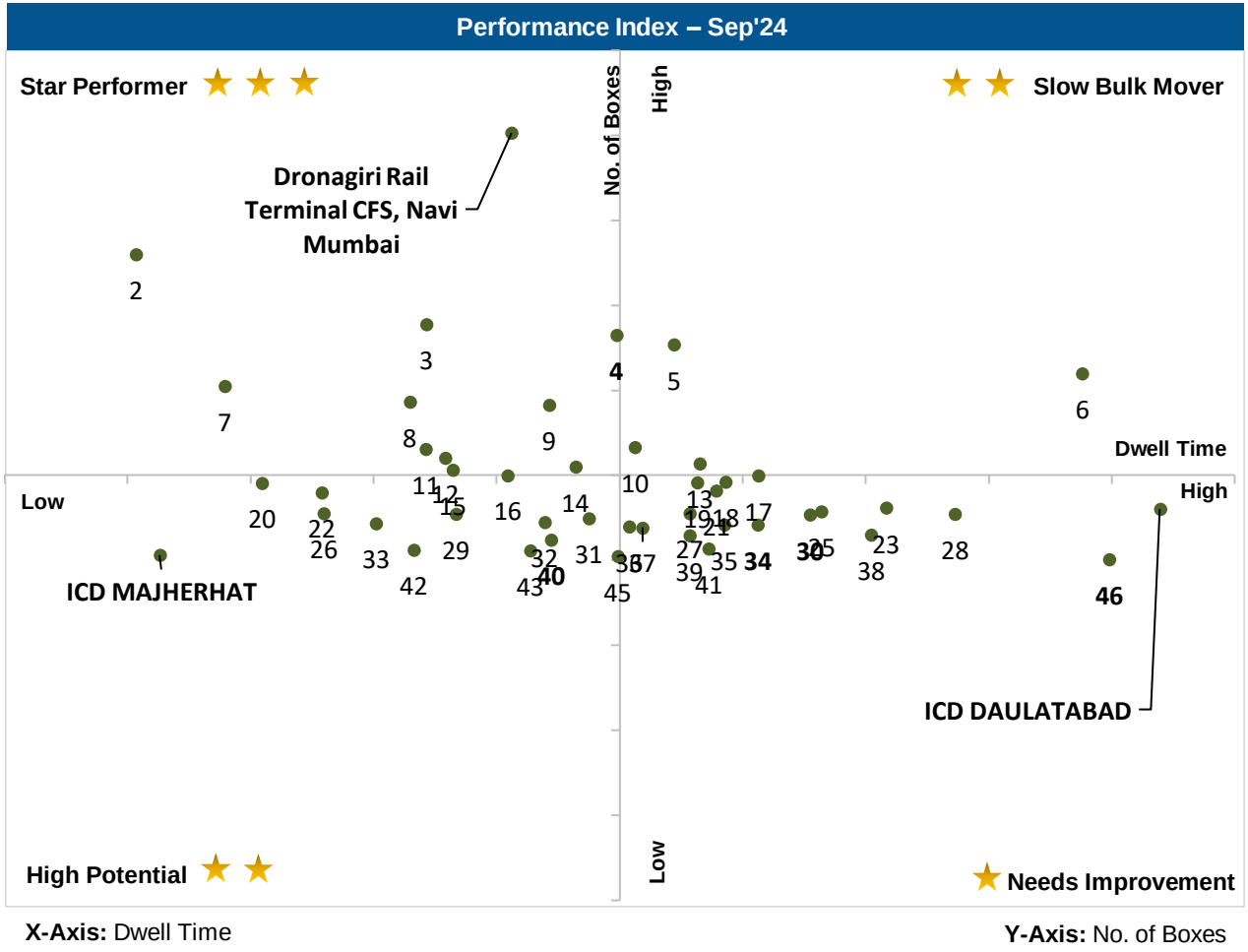
Performance benchmarking of ICDs based on dwell time vis-a-vis container count (no. of boxes) handled:

Top Performing ICD

Dronagiri Rail Terminal CFS, Navi Mumbai

High Potential ICD

ICD MAJHERHAT



Low Performing ICD

ICD DAULATABAD

Note:
Please refer annexure for ICD names

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	
	Sep'24 (in hrs)		Aug'24 (in hrs)	Sep'24 (%)	Aug'24 (%)
International Container Transhipment Terminal, Kochi	59.6	↓	66.7	28.20%	30.70%
PSA SICAL Terminals	83.2	↓	84.6	13.40%	12.50%
Visakha Container Terminal	37.1	↑	34.9	9.90%	11.00%
Bharat Mumbai Container Terminals(PSA)	9.9	↑	5.0	9.50%	6.80%
Nhava Sheva Freeport Terminal (NSFT)	12.0	↓	22.3	7.50%	7.80%
Mangalore Container Terminal Private Limited (MCTPL)	60.1	↓	69.5	3.70%	5.00%
Kandla International Container Terminal (KICT)	166.7	↓	212.0	3.60%	4.20%
Chennai Container Terminal Pvt. Ltd. (CCTL)	77.1	↓	85.2	4.70%	4.60%
Dakshin Bharat Gateway Terminal (DBGT)	62.5	↑	56.7	1.70%	5.80%
Haldia International Container Terminal (HICT)	96.0	↑	72.0	2.50%	2.60%
Kolkata Dock System (KDS) , Kolkata Port	52.9	↓	68.6	2.70%	2.40%
Nhava Sheva India Gateway Terminal (NSIGT)	53.8	↑	42.0	8.80%	2.90%
Nhava Sheva International Container Terminal (NSICT)	61.8	↑	55.6	3.10%	3.10%
Paradip International Cargo Terminal	88.8	↓	137.0	0.70%	0.60%

Terminal handling highest domestic containers

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

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NLDS
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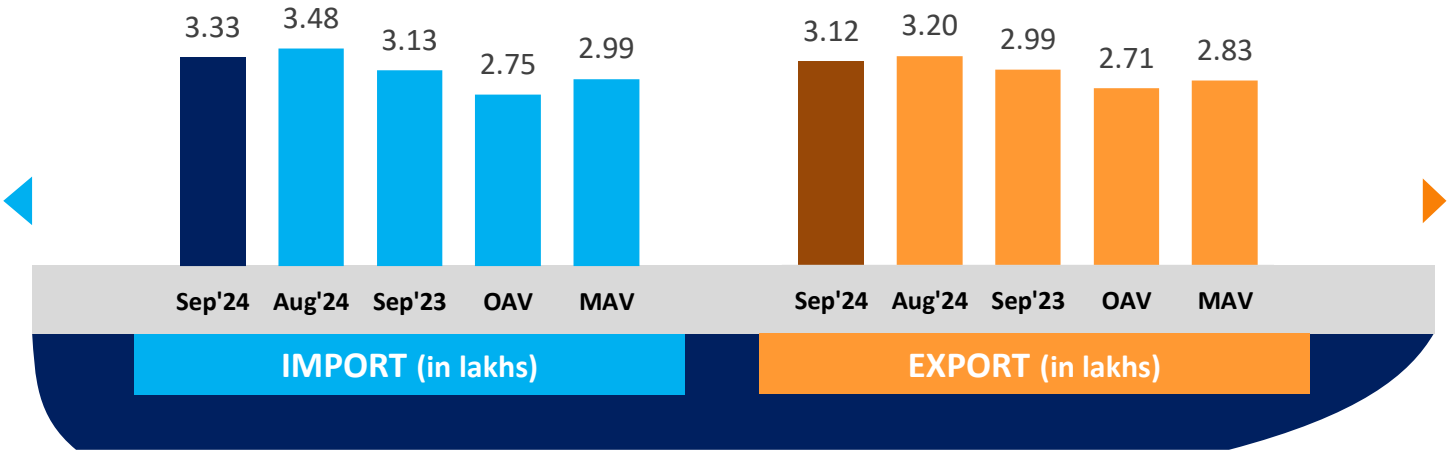
Logistics Redefined

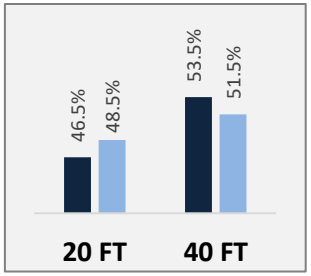
02
WESTERN REGION PERFORMANCE

Container Count: Western Region

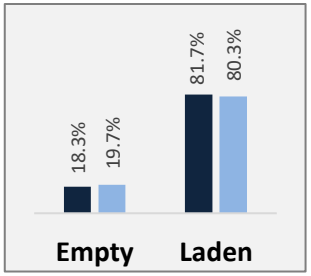
Western Region



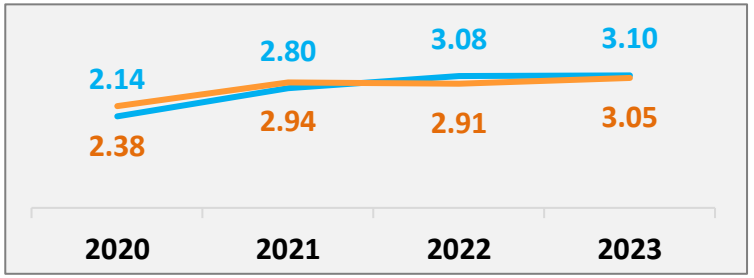
Container Size-wise (Import)



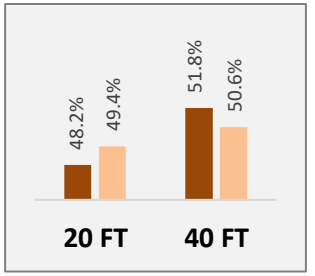
Container Type-wise (Import)



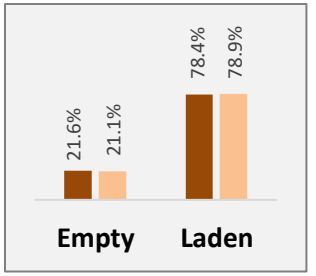
Container Count - Annual Average (in lakhs/ month)



Container Size-wise (Export)



Container Type-wise (Export)



OAV – Overall Avg Volume
MAV – Monthly Avg Volume

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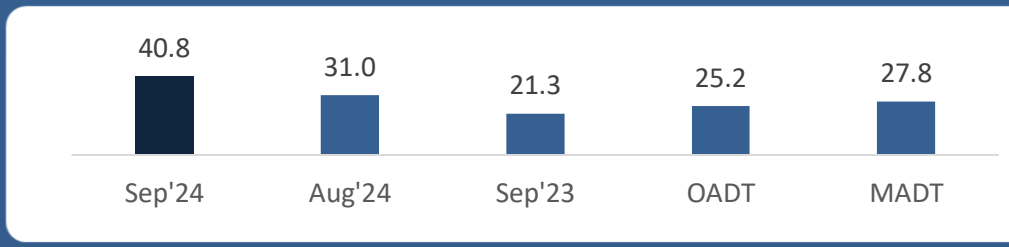
Dwell Time Performance: Western Region Import Cycle

IMPORT

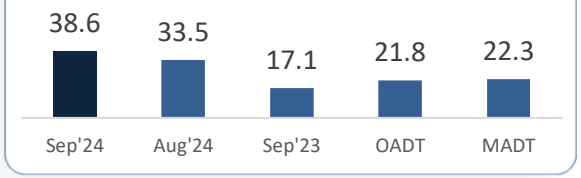
Western Region



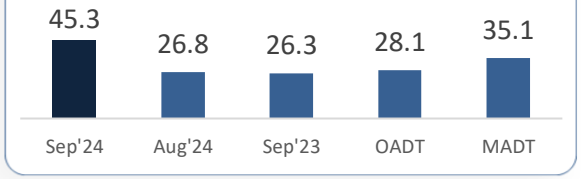
PAN India Import Dwell Time

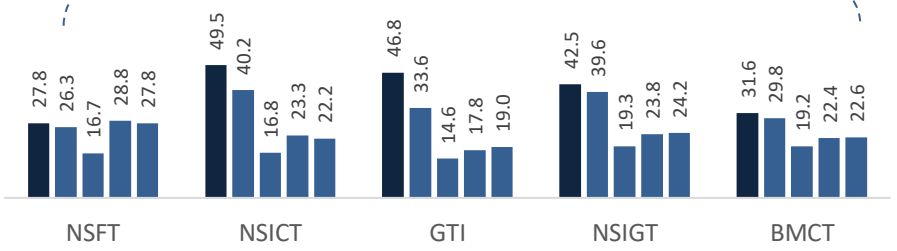
46.4 Hrs. (Sep'24)

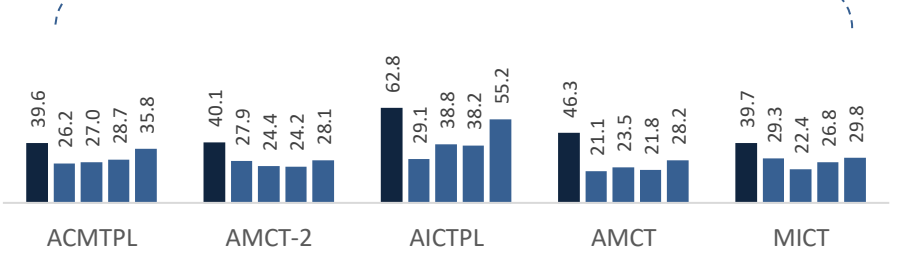
JNPA



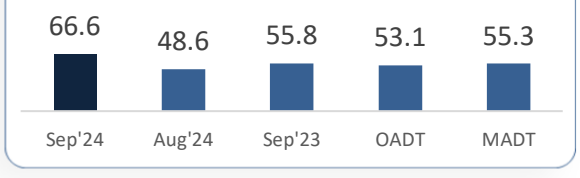
Mundra



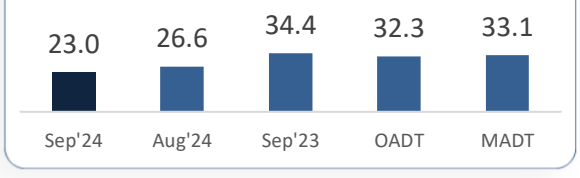




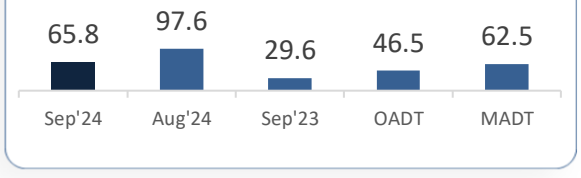
Pipavav



Hazira



Kandla



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

Note:
All values are in hours

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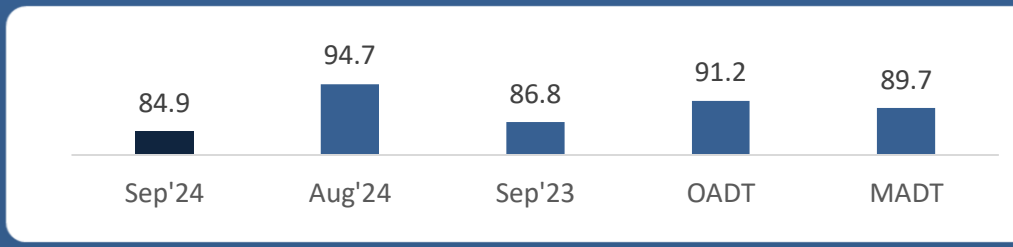
Dwell Time Performance: Western Region Export Cycle

EXPORT

Western Region



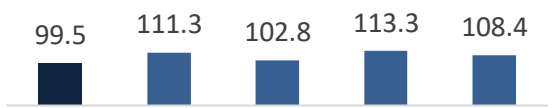
PAN India Export Dwell Time

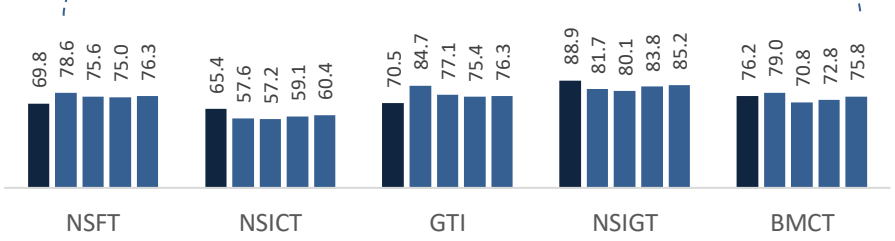
84.4 Hrs.

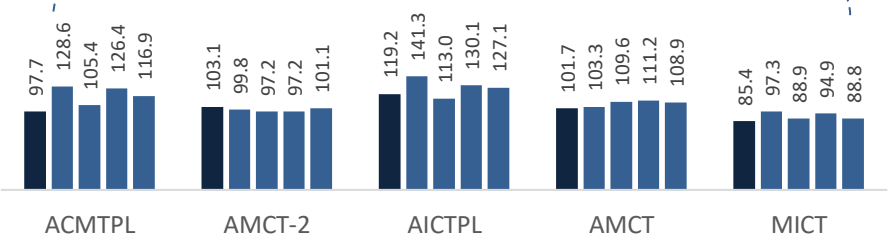
(Sep'24)

JNPA

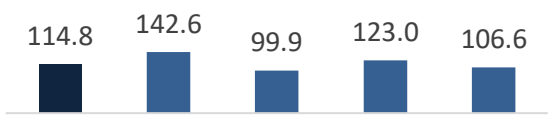
Mundra



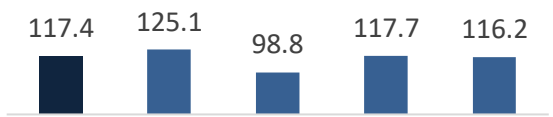




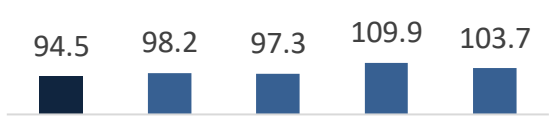
Pipavav



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)		
		Sep24	Aug'24	Sep'23	Sep'24	Aug'24	Sep'23
JNPA	JNPA	96%	96%	95%	37.9	27.1	28.1
	Other Ports	4%	4%	5%	58.2	50.3	56.8
Mundra	Mundra	94%	94%	94%	49.2	33.3	32.8
	Other Ports	6%	6%	6%	60.1	46.6	52.2
Hazira	Hazira	94%	94%	97%	34.3	28.4	29.1
	Other Ports	6%	6%	3%	71.3	67.4	69.0
Kandla	Kandla	78%	58%	88%	46.7	36.5	31.7
	Mundra	20%	42%	12%	53.3	46.0	41.2
	Other Ports	2%	-	-	78.5	-	-
Pipavav	Mundra	59%	45%	56%	46.4	47.3	45.3
	Pipavav	37%	51%	40%	45.6	29.0	32.9
	Other Ports	4%	4%	4%	49.3	50.3	47.1

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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)		
		Sep'24	Aug'24	Sep'23	Sep'24	Aug'24	Sep'23
Bharat Mumbai Container Terminals(PSA)	Bharat Mumbai Container Terminals(PSA)	43%	48%	31%	36.4	26.5	36.4
	Gateway Terminals India (GTI)	25%	28%	26%	37.8	26.3	28.1
	Nhava Sheva Freeport Terminal (NSFT)	6%	7%	6%	39.8	28.4	39.3
	Nhava Sheva India Gateway Terminal (NSIGT)	11%	7%	17%	44.1	32.3	31.4
	Nhava Sheva International Container Terminal (NSICT)	15%	10%	20%	39.2	28.8	38.2
Gateway Terminals India (GTI)	Bharat Mumbai Container Terminals(PSA)	30%	34%	23%	36.2	26.3	21.7
	Gateway Terminals India (GTI)	41%	46%	43%	37.8	26.4	22.6
	Nhava Sheva Freeport Terminal (NSFT)	4%	6%	8%	39.2	28.3	23.8
	Nhava Sheva India Gateway Terminal (NSIGT)	8%	6%	14%	39.3	26.1	20.7
	Nhava Sheva International Container Terminal (NSICT)	17%	8%	12%	35.3	26.4	24.9
Nhava Sheva Freeport Terminal (NSFT)	Bharat Mumbai Container Terminals(PSA)	24%	31%	21%	40.7	29.6	31.3
	Gateway Terminals India (GTI)	29%	28%	22%	33.1	30.4	29.1
	Nhava Sheva Freeport Terminal (NSFT)	17%	22%	21%	47.3	28.3	35.5
	Nhava Sheva India Gateway Terminal (NSIGT)	16%	12%	19%	30.7	24.9	23.3
	Nhava Sheva International Container Terminal (NSICT)	14%	7%	17%	28.9	35.1	39.1
Nhava Sheva India Gateway Terminal (NSIGT)	Bharat Mumbai Container Terminals(PSA)	23%	24%	11%	33.1	27.1	31.3
	Gateway Terminals India (GTI)	16%	24%	12%	37.6	30.1	23.6
	Nhava Sheva Freeport Terminal (NSFT)	6%	11%	8%	39.7	26.9	24.9
	Nhava Sheva India Gateway Terminal (NSIGT)	39%	29%	54%	37.4	29.1	24.5
	Nhava Sheva International Container Terminal (NSICT)	16%	12%	15%	37.8	31.7	34.1
Nhava Sheva International Container Terminal (NSICT)	Bharat Mumbai Container Terminals(PSA)	25%	29%	26%	41.6	31.7	28.9
	Gateway Terminals India (GTI)	23%	34%	17%	38.7	24.6	29.1
	Nhava Sheva Freeport Terminal (NSFT)	5%	8%	4%	40.1	35.4	37.5
	Nhava Sheva India Gateway Terminal (NSIGT)	8%	6%	11%	34.1	25.3	31.3
	Nhava Sheva International Container Terminal (NSICT)	39%	23%	42%	39.4	23.4	28.5

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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)		
		Sep'24	Aug'24	Sep'23	Sep'24	Aug'24	Sep'23
Adani CMA Mundra Terminal (ACMTPL)	Adani CMA Mundra Terminal (ACMTPL)	62%	59%	56%	40.0	34.0	33.3
	Adani International Container Terminal (AICTPL)	-	1%	3%	-	27.9	25.5
	Adani Mundra Container Terminal (AMCT)	26%	26%	28%	41.8	31.3	31.2
	Adani Mundra Container Terminal -2	4%	7%	5%	45.8	29.8	35.3
	Mundra International Container Terminal (MICT)	8%	7%	8%	35.2	33.5	22.9
Adani International Container Terminal (AICTPL)	Adani CMA Mundra Terminal (ACMTPL)	1%	2%	9%	56.2	27.6	30.7
	Adani International Container Terminal (AICTPL)	76%	77%	64%	56.6	49.1	38.5
	Adani Mundra Container Terminal (AMCT)	7%	8%	12%	50.6	29.3	31.3
	Adani Mundra Container Terminal -2	11%	8%	5%	85.1	33.8	32.6
	Mundra International Container Terminal (MICT)	5%	5%	10%	67.0	31.2	30.3
Adani Mundra Container Terminal (AMCT)	Adani CMA Mundra Terminal (ACMTPL)	19%	16%	27%	44.0	35.7	34.5
	Adani International Container Terminal (AICTPL)	3%	5%	4%	49.0	28.2	33.6
	Adani Mundra Container Terminal (AMCT)	45%	41%	43%	41.4	28.5	32.7
	Adani Mundra Container Terminal -2	21%	26%	15%	47.9	31.1	34.8
	Mundra International Container Terminal (MICT)	12%	12%	11%	49.7	25.5	28.7
Adani Mundra Container Terminal -2	Adani CMA Mundra Terminal (ACMTPL)	11%	11%	20%	55.4	31.3	31.5
	Adani International Container Terminal (AICTPL)	4%	11%	7%	31.3	22.8	30.8
	Adani Mundra Container Terminal (AMCT)	30%	28%	25%	37.4	27.5	31.4
	Adani Mundra Container Terminal -2	41%	38%	32%	39.7	34.3	35.2
	Mundra International Container Terminal (MICT)	14%	12%	16%	47.7	29.0	42.9
Mundra International Container Terminal (MICT)	Adani CMA Mundra Terminal (ACMTPL)	6%	6%	7%	73.0	35.4	33.2
	Adani International Container Terminal (AICTPL)	3%	4%	5%	61.3	35.1	43.9
	Adani Mundra Container Terminal (AMCT)	11%	14%	8%	55.7	33.1	35.0
	Adani Mundra Container Terminal -2	10%	11%	6%	61.7	35.1	49.8
	Mundra International Container Terminal (MICT)	70%	65%	74%	53.0	28.7	27.9

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Western Region Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Sep'24 (in hrs)		Aug'24 (in hrs)
Truck	34.5	↑	26.4
Train	78.9	↑	57.0
Overall	40.8	↑	31.0

CFS/ ICD Dwell Time

	Sep'24 (in hrs)		Aug'24 (in hrs)
CFS	94.7		94.7
ICD	118.6	↓	131.0

Container Lifecycle (Export Cycle)

Port Dwell Time

EXPORT

	Sep'24 (in hrs)		Aug'24 (in hrs)
Truck	78.9	↓	87.0
Train	118.5	↓	142.3
Overall	84.9	↓	94.7

CFS/ ICD Dwell Time

	Sep'24 (in hrs)		Aug'24 (in hrs)
CFS	73.1	↑	69.7
ICD	110.4	↓	115.6

↓ ↑ 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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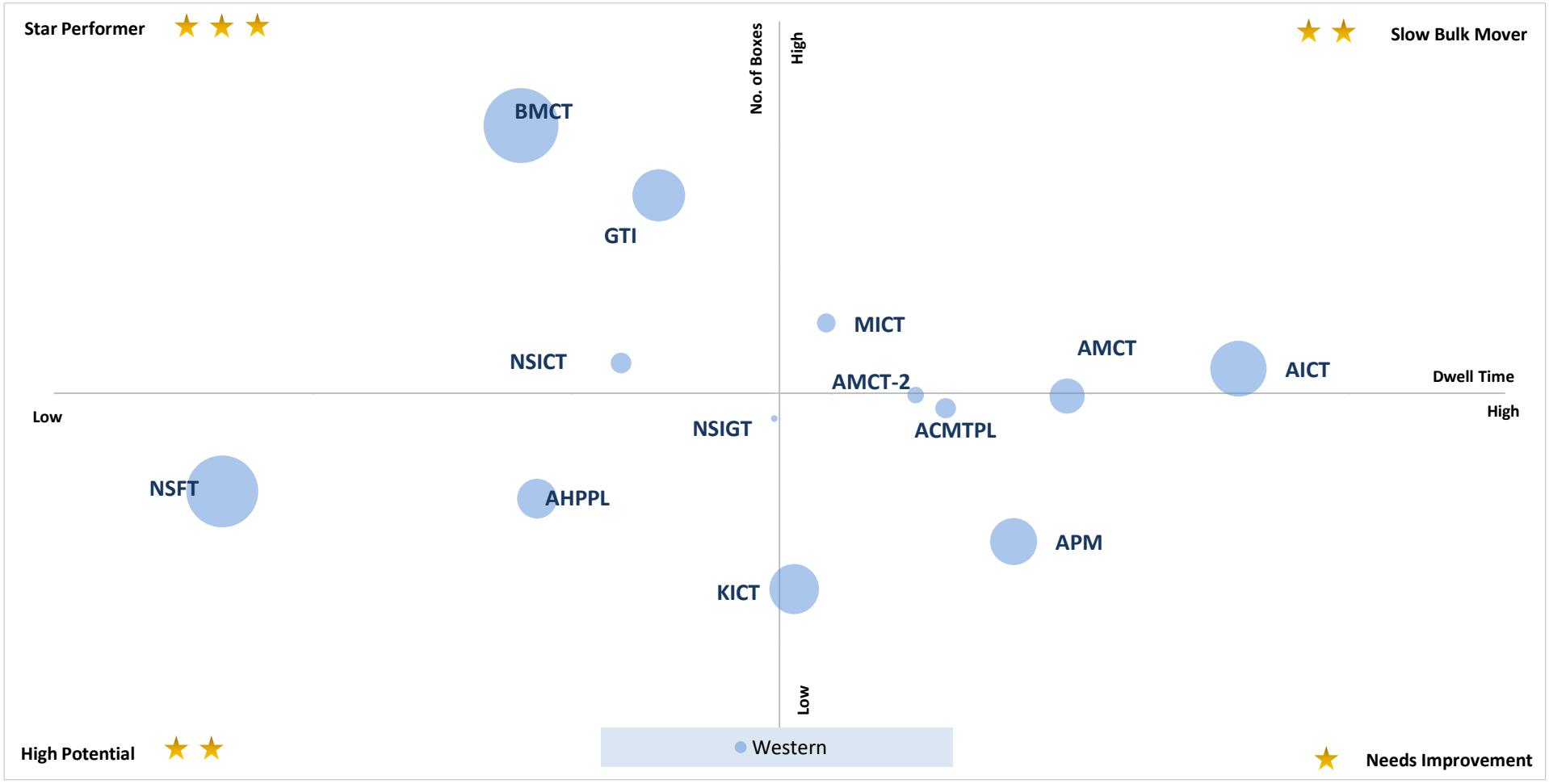
Performance Benchmarking: Western Region

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

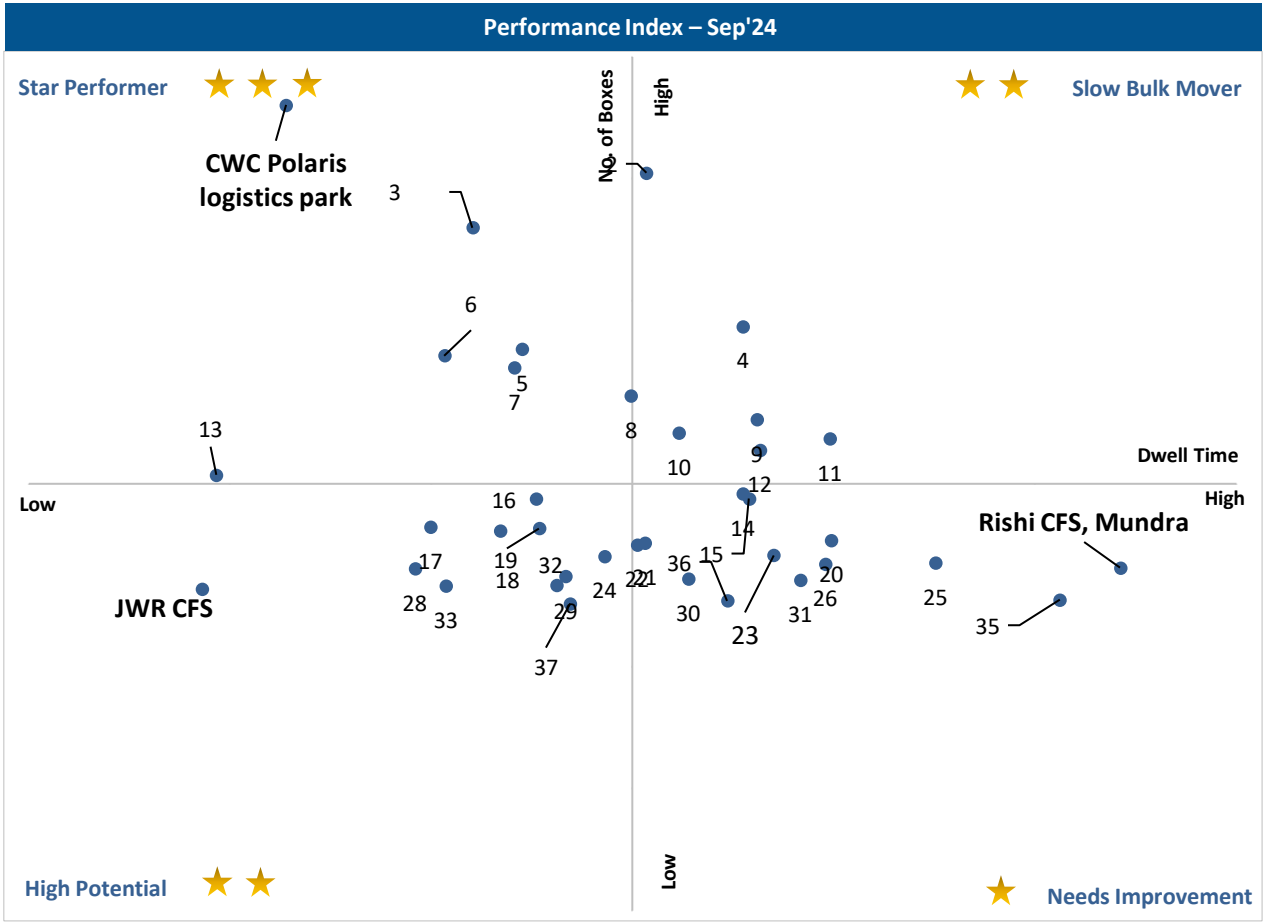
Performance benchmarking of CFSs based on dwell time vis-a-vis container count (no. of boxes) handled:

Top Performing CFS

CWC Polaris Logistics park

High Potential CFS

JWR CFS



Low Performing CFS

Rishi CFS, Mundra

Note:
Please refer annexure for CFS names

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JNPA Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Sep'24 (in hrs)		Aug'24 (in hrs)
Truck	35.7	↑	31.1
Train	58.4	↑	53.0
Overall	38.6	↑	33.5

Transit Time

	Sep'24 (in hrs)		Aug'24 (in hrs)
Port to CFS	3.2	↑	2.7
Port to ICD	113.2	↑	108.0

CFS/ ICD Dwell Time

	Sep'24 (in hrs)		Aug'24 (in hrs)
CFS	85.7	↓	87.3
ICD	118.6	↓	131.0

CFS/ ICD Dwell Time

	Sep'24 (in hrs)		Aug'24 (in hrs)
CFS	75.8	↑	74.6
ICD	110.4	↓	115.6

Transit Time

	Sep'24 (in hrs)		Aug'24 (in hrs)
CFS to Port	3.5	↓	4.6
ICD to Port	86.6	↓	92.0

Port Dwell Time

EXPORT

	Sep'24 (in hrs)		Aug'24 (in hrs)
Truck	71.0	↓	76.6
Train	95.4	↓	112.9
Overall	73.7	↓	79.7

Container Lifecycle (Export Cycle)

↓ ↑ Indicates decrease/ increase in time from last month

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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	Sep'24 (in hrs)	Aug'24 (in hrs)
Gate in - Gate Out	6.8	6.6

Container Count Percentage: Hour-wise (Sep'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%	19%	34%	26%	10%	5%

Parking Plaza to JNPA Port	Sep'24 (in hrs)	Aug'24 (in hrs)
Gate Out – Terminal In	0.6	2.8

Port Terminal	Sep'24 (in hrs)	Aug'24 (in hrs)
NSFT	0.6	-
NSICT	1.2	1.9
GTI	0.5	2.8
NSIGT	0.5	3.7
BMCT	-	-

Container Count Percentage: Hour-wise (Sep'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	84%	11%	0%	0%	0%	5%
NSICT	46%	27%	8%	11%	7%	1%
GTI	88%	3%	2%	1%	3%	3%
NSIGT	68%	12%	8%	0%	0%	12%
BMCT	-	-	-	-	-	-

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Mundra Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Sep'24 (in hrs)		Aug'24 (in hrs)
Truck	31.5	↑	18.9
Train	99.2	↑	59.2
Overall	45.3	↑	26.8

Transit Time

	Sep'24 (in hrs)		Aug'24 (in hrs)
Port to CFS	1.0	↑	0.9
Port to ICD	91.2	↓	93.0

CFS/ ICD Dwell Time

	Sep'24 (in hrs)		Aug'24 (in hrs)
CFS	109.5	↑	107.9
ICD	118.6	↓	131.0

CFS/ ICD Dwell Time

EXPORT

	Sep'24 (in hrs)		Aug'24 (in hrs)
CFS	70.7	↑	62.8
ICD	110.4	↓	115.6

Transit Time

	Sep'24 (in hrs)		Aug'24 (in hrs)
CFS to Port	0.9	↑	0.8
ICD to Port	85.7	↑	66.0

Port Dwell Time

	Sep'24 (in hrs)		Aug'24 (in hrs)
Truck	88.1	↓	99.2
Train	134.0	↓	155.9
Overall	99.5	↓	111.3

Container Lifecycle (Export Cycle)

↓ ↑ Indicates decrease/ increase in time from last month

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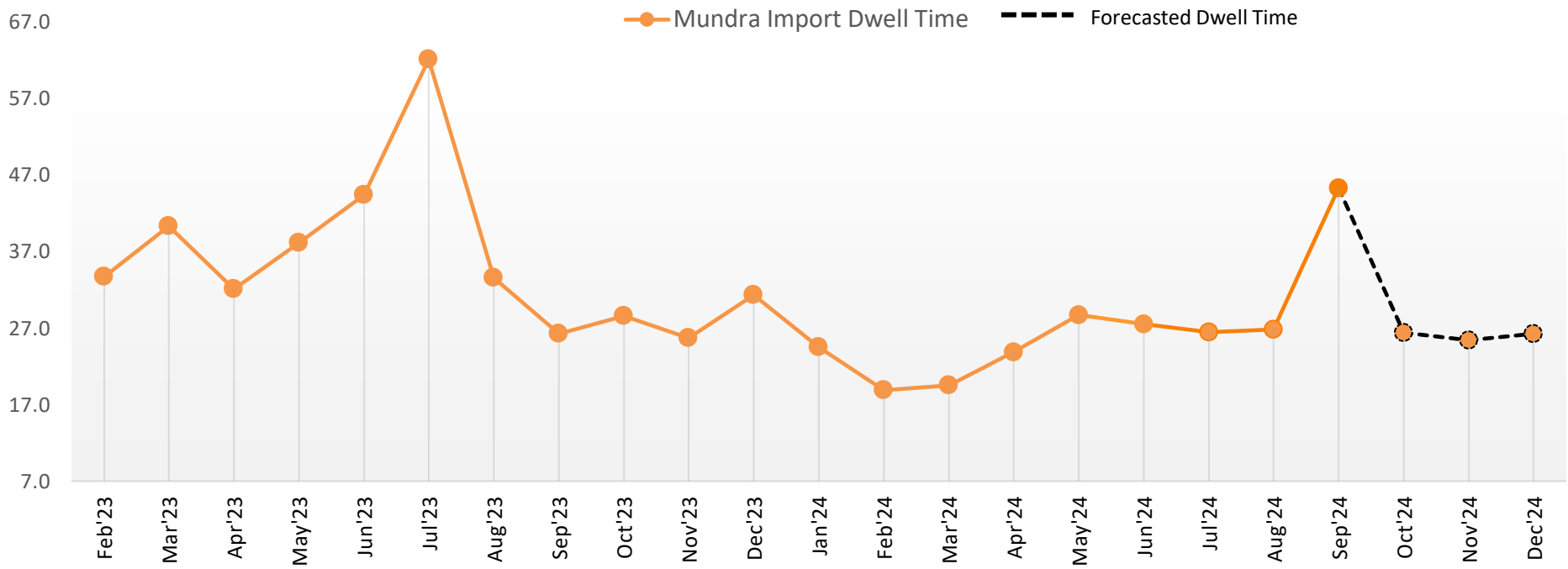
Predictive Analysis: Mundra Port



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

	Jul'24	Aug'24	Sep'24	Oct'24	Nov'24	Dec'24
Actual Dwell Time (in hours)	26.5	26.8	45.3	-	-	-
Forecasted Dwell Time (in hours)	32.7	28.3	32.7	26.4	25.4	26.3

Note:
All values are in hours

Parking Plaza Analysis: Mundra Port

The analysis showcases waiting time of containers at parking plaza

Parking Plaza Dwell Time (Gate In – Gate Out)	Sep'24 (in hrs)	Aug'24 (in hrs)
Adani Parking Yard No.1	1.7	1.3
North Gate Parking Yard	10.3	12.9

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

Parking Plaza Dwell Time	Within 2 hrs	2-4 hrs	4-8 hrs	8-16 hrs	16-24 hrs	More than 24 hrs
Adani Parking Yard No. 1	56%	16%	13%	11%	2%	2%
North Gate Parking Yard	14%	12%	15%	28%	18%	13%

Pipavav Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Sep'24 (in hrs)		Aug'24 (in hrs)
Overall	66.6	↑	48.6

CFS Dwell Time

	Sep'24 (in hrs)	Aug'24 (in hrs)
CFS	-	96.5

Container Lifecycle (Export Cycle)

Port Dwell Time

EXPORT

	Sep'24 (in hrs)		Aug'24 (in hrs)
Overall	114.8	↓	142.6

CFS Dwell Time

	Sep'24 (in hrs)	Aug'24 (in hrs)
CFS	-	77.1

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

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Kandla Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Sep'24 (in hrs)		Aug'24 (in hrs)
Overall	65.8	↓	97.6

EXPORT

	Sep'24 (in hrs)		Aug'24 (in hrs)
Overall	94.5	↓	98.2

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

	Sep'24 (in hrs)	Aug'24 (in hrs)
Overall	23.0	26.6

CFS Dwell Time

	Sep'24 (in hrs)	Aug'24 (in hrs)
CFS	124.5	107.5

Container Lifecycle (Export Cycle)

Port Dwell Time

EXPORT

	Sep'24 (in hrs)	Aug'24 (in hrs)
Overall	117.4	125.1

CFS Dwell Time

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

Indicates decrease/ increase in dwell time from last month

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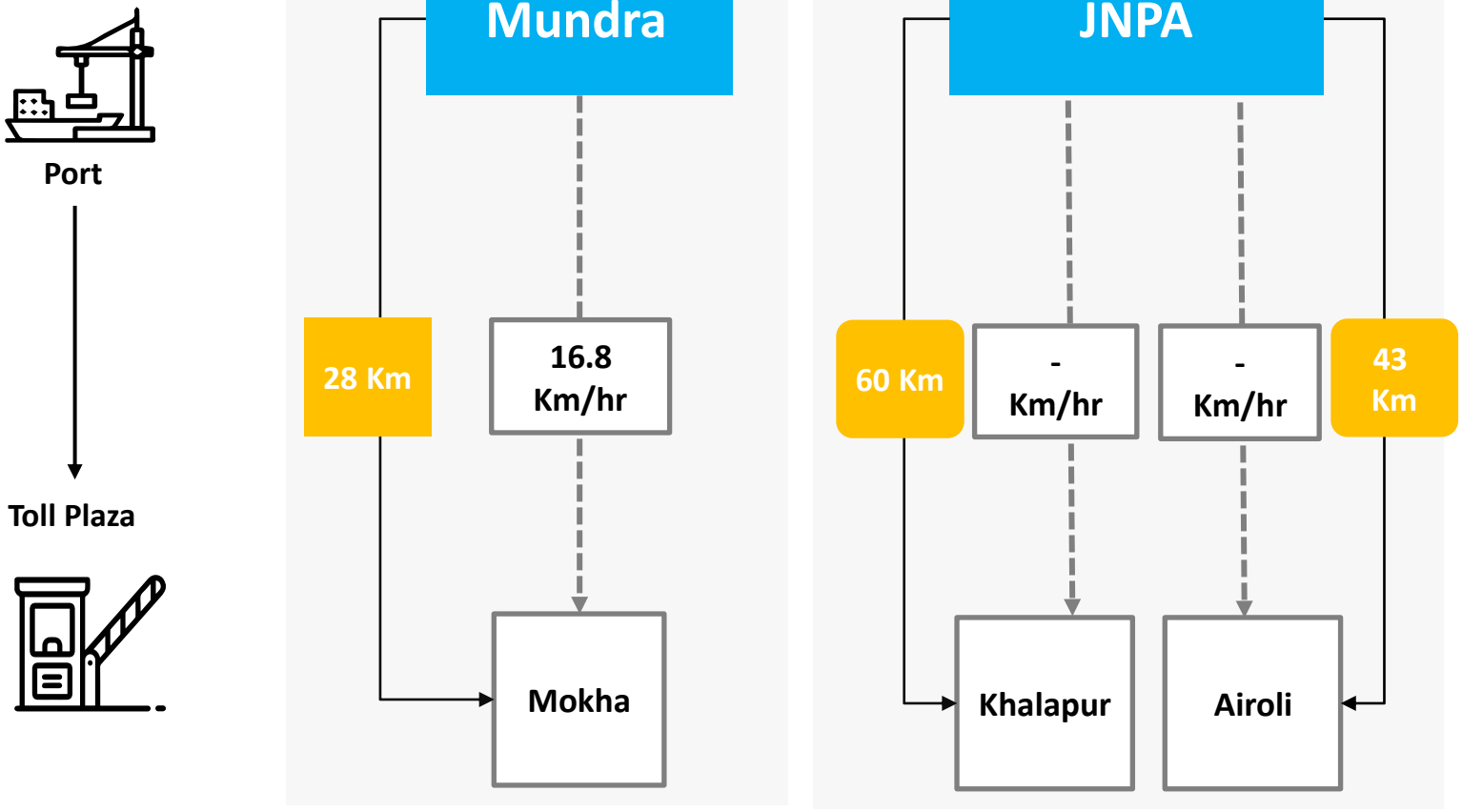
Port to Toll Plaza Transit Analysis: Western Region

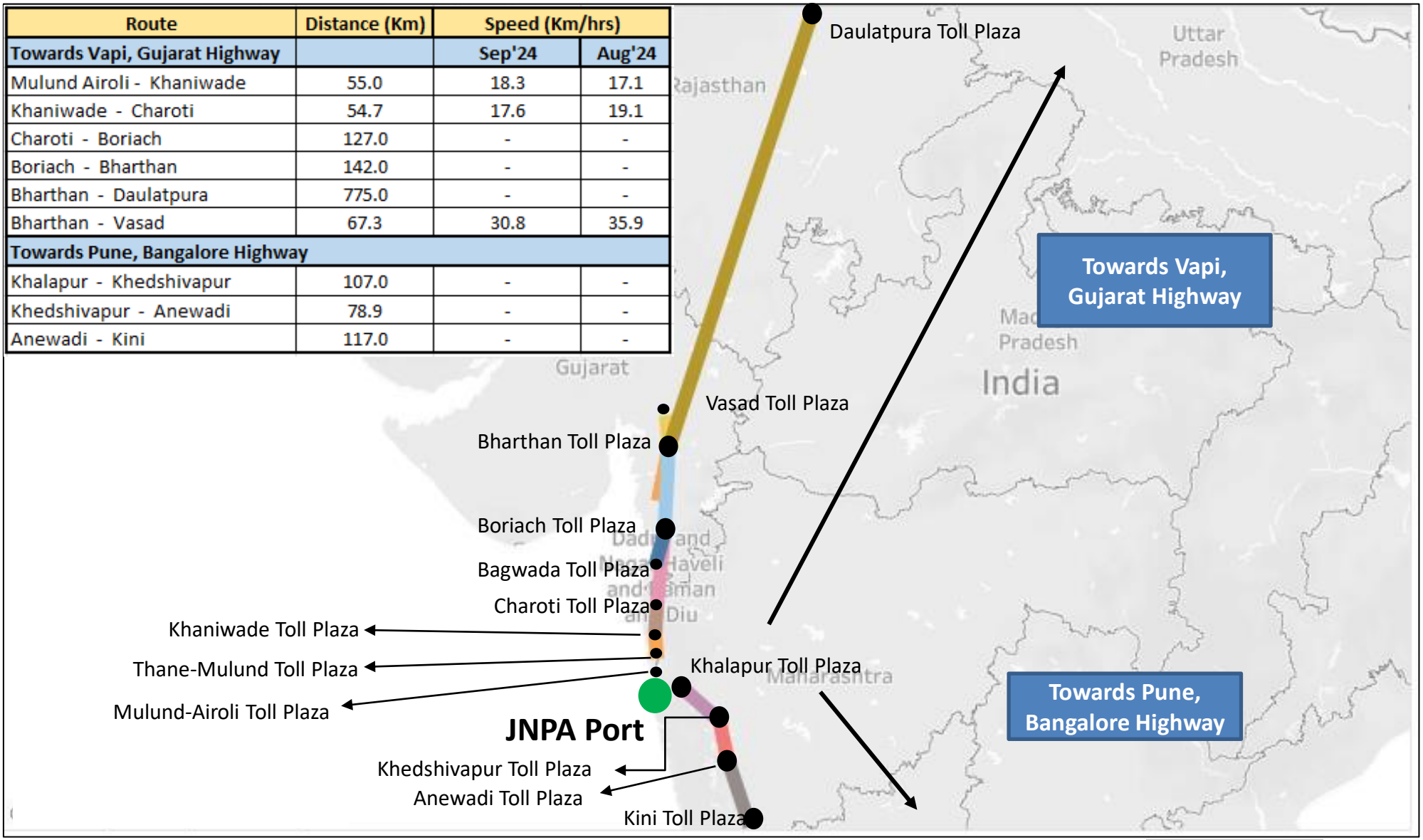
Average speed of trucks to cover the distance between port to nearest toll plaza for Sep'24:



Toll Plaza Analysis: JNPA Port

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

Route	Distance (Km)	Speed (Km/hrs)	
Towards Vapi, Gujarat Highway		**Sep'24**	**Aug'24**
Mulund Airoli - Khaniwade	55.0	18.3	17.1
Khaniwade - Charoti	54.7	17.6	19.1
Charoti - Boriach	127.0	-	-
Boriach - Bharthan	142.0	-	-
Bharthan - Daulatpura	775.0	-	-
Bharthan - Vasad	67.3	30.8	35.9
Towards Pune, Bangalore Highway			
Khalapur - Khedshivapur	107.0	-	-
Khedshivapur - Anewadi	78.9	-	-
Anewadi - Kini	117.0	-	-



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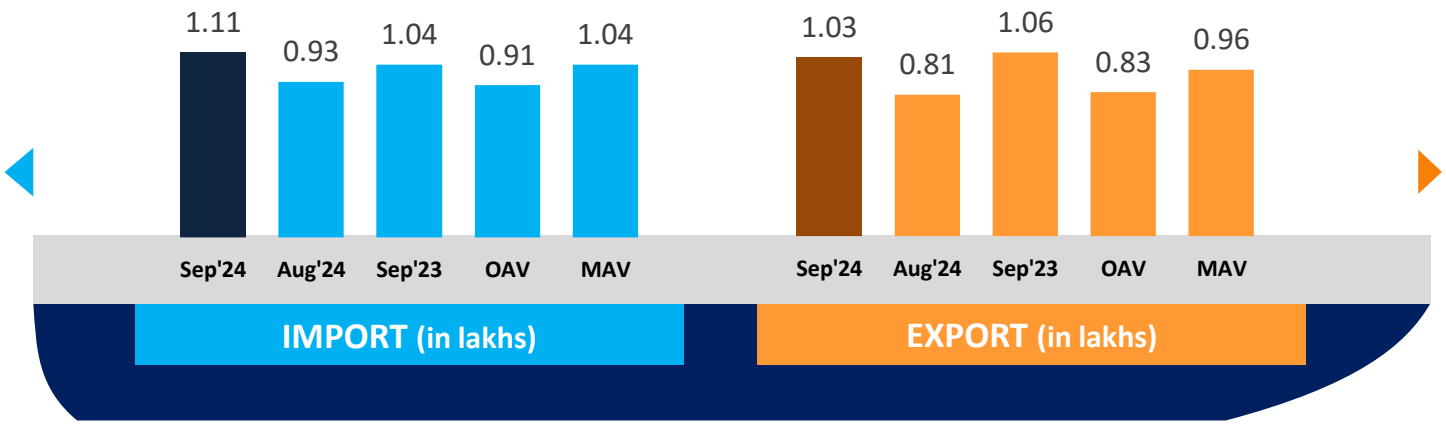
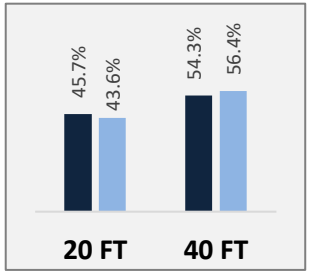
03
SOUTHERN REGION PERFORMANCE

Container Count: Southern Region

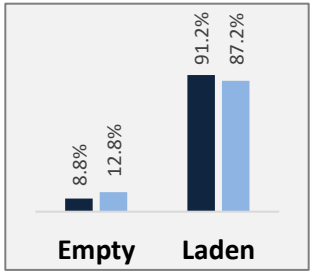
Southern Region



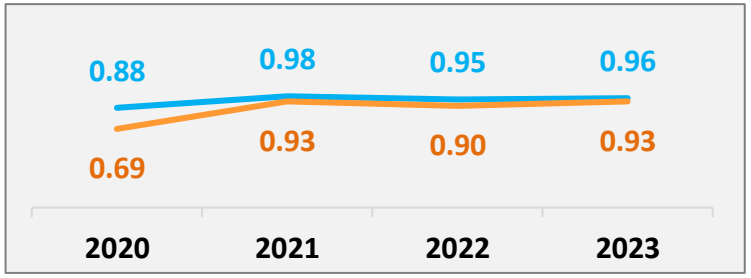
Container Size-wise (Import)



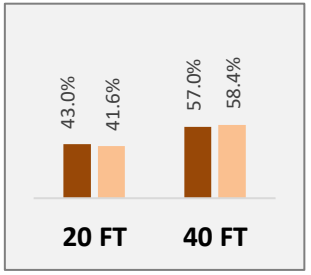
Container Type-wise (Import)



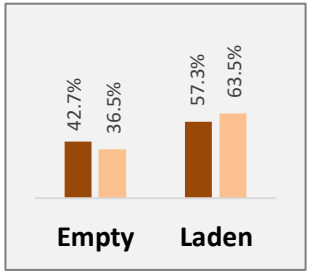
Container Count - Annual Average (in lakhs/ month)



Container Size-wise (Export)



Container Type-wise (Export)



OAV – Overall Avg Volume
MAV – Monthly Avg Volume

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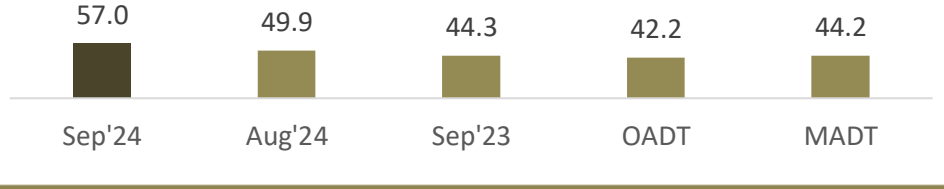
Dwell Time Performance: Southern Region Import Cycle

IMPORT

Southern Region



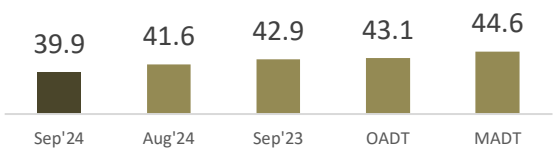
PAN India Import Dwell Time

46.4 Hrs.

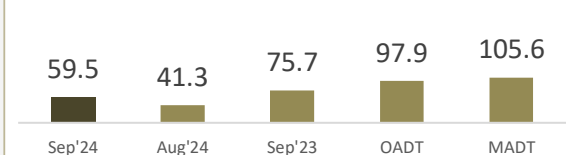
(Sep'24)

Ports

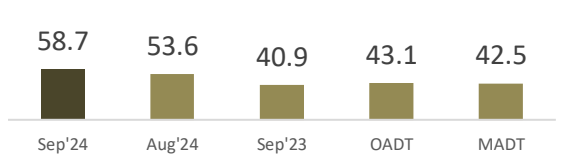
Kochi



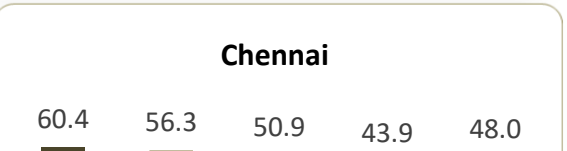
New Mangalore



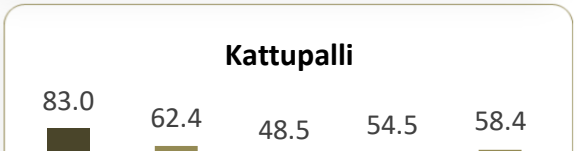
Ennore



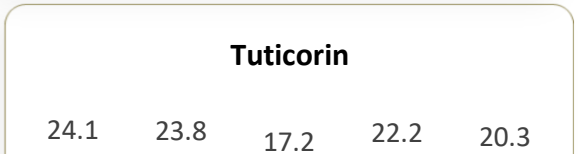
Chennai



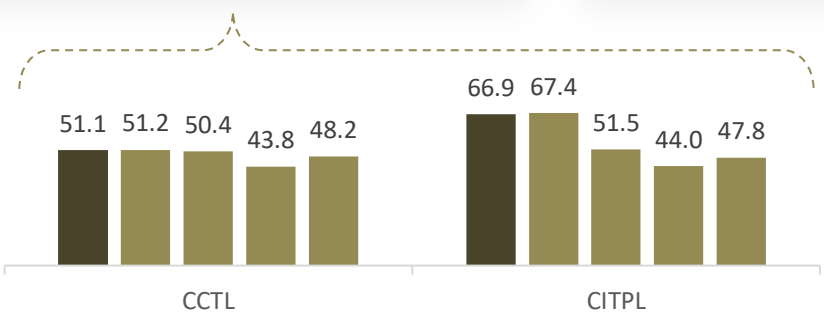
Kattupalli

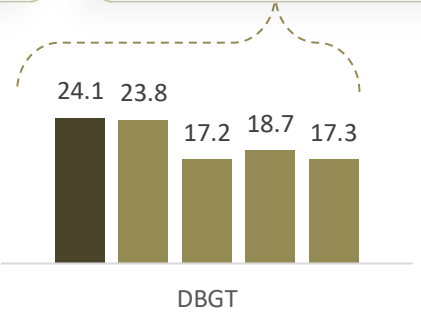


Tuticorin



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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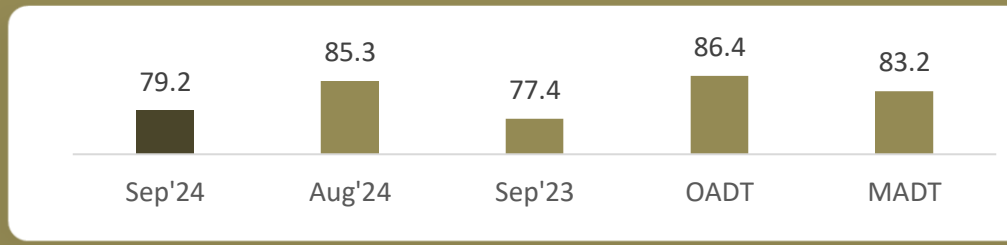
Dwell Time Performance: Southern Region Export Cycle

EXPORT

Southern Region



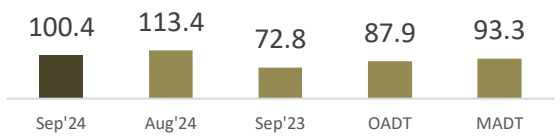
PAN India Export Dwell Time

84.4 Hrs.

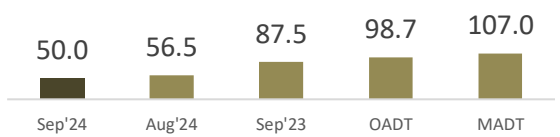
(Sep'24)

Ports

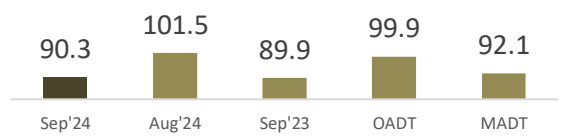
Kochi



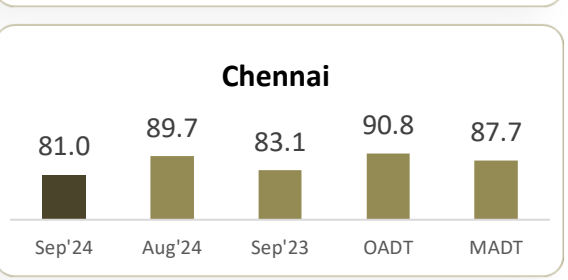
New Mangalore



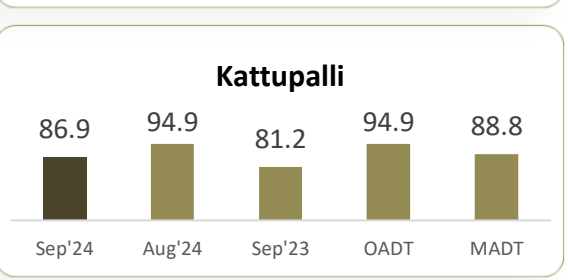
Ennore



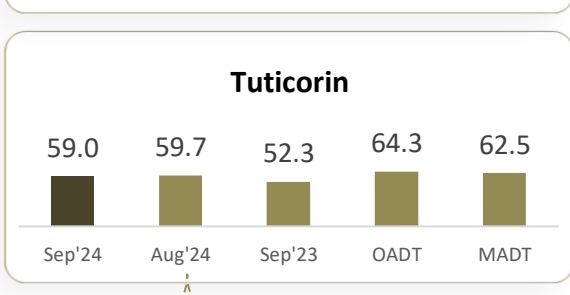
Chennai



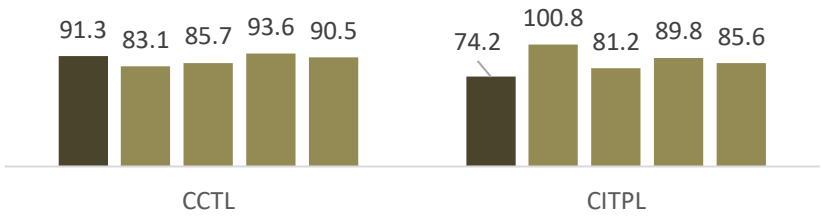
Kattupalli

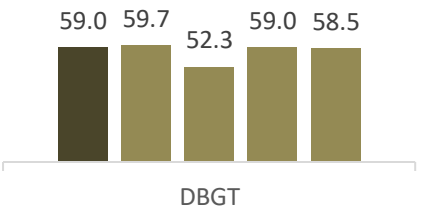


Tuticorin



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)		
		Sep'24	Aug'24	Sep'23	Sep'24	Aug'24	Sep'23
Kochi	Kochi	100%	100%	-	41.6	26.9	-
	Other Ports	-	-	-	-	-	-
Ennore	Ennore	93%	94%	92%	35.3	25.1	23.1
	Other Ports	7%	6%	8%	32.6	37.3	31.4
Tuticorin	Tuticorin	100%	100%	100%	32.0	21.7	26.2
	Other Ports	-	-	-	-	-	-
Chennai	Chennai	82%	71%	78%	29.3	24.0	21.7
	Kattupalli	15%	23%	18%	33.8	26.2	23.0
	Other Ports	3%	6%	4%	72.3	35.2	27.1
Kattupalli	Kattupalli	62%	70%	63%	37.4	30.0	27.0
	Chennai	34%	20%	36%	39.4	28.0	24.8
	Other Ports	4%	10%	1%	42.2	38.4	54.2

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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)		
		Sep'24	Aug'24	Sep'23	Sep'24	Aug'24	Sep'23
CCTL	CCTL	60%	84%	59%	28.4	23.1	21.5
	CITPL	40%	16%	41%	29.9	21.6	19.1
CITPL	CITPL	73%	44%	68%	28.5	27.9	22.6
	CCTL	27%	56%	32%	32.8	23.7	21.9

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Southern Region Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Sep'24 (in hrs)		Aug'24 (in hrs)
Truck	57.2	↑	50.0
Train	45.1	↑	32.4
Overall	57.0	↑	49.9

CFS/ ICD Dwell Time

	Sep'24 (in hrs)		Aug'24 (in hrs)
CFS	135.4	↑	128.6
ICD	128.8	↓	145.9

Container Lifecycle (Export Cycle)

Port Dwell Time

EXPORT

	Sep'24 (in hrs)		Aug'24 (in hrs)
Truck	78.7	↓	85.2
Train	109.9	↑	103.5
Overall	79.2	↓	85.3

CFS/ ICD Dwell Time

	Sep'24 (in hrs)		Aug'24 (in hrs)
CFS	44.9	↑	38.9
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

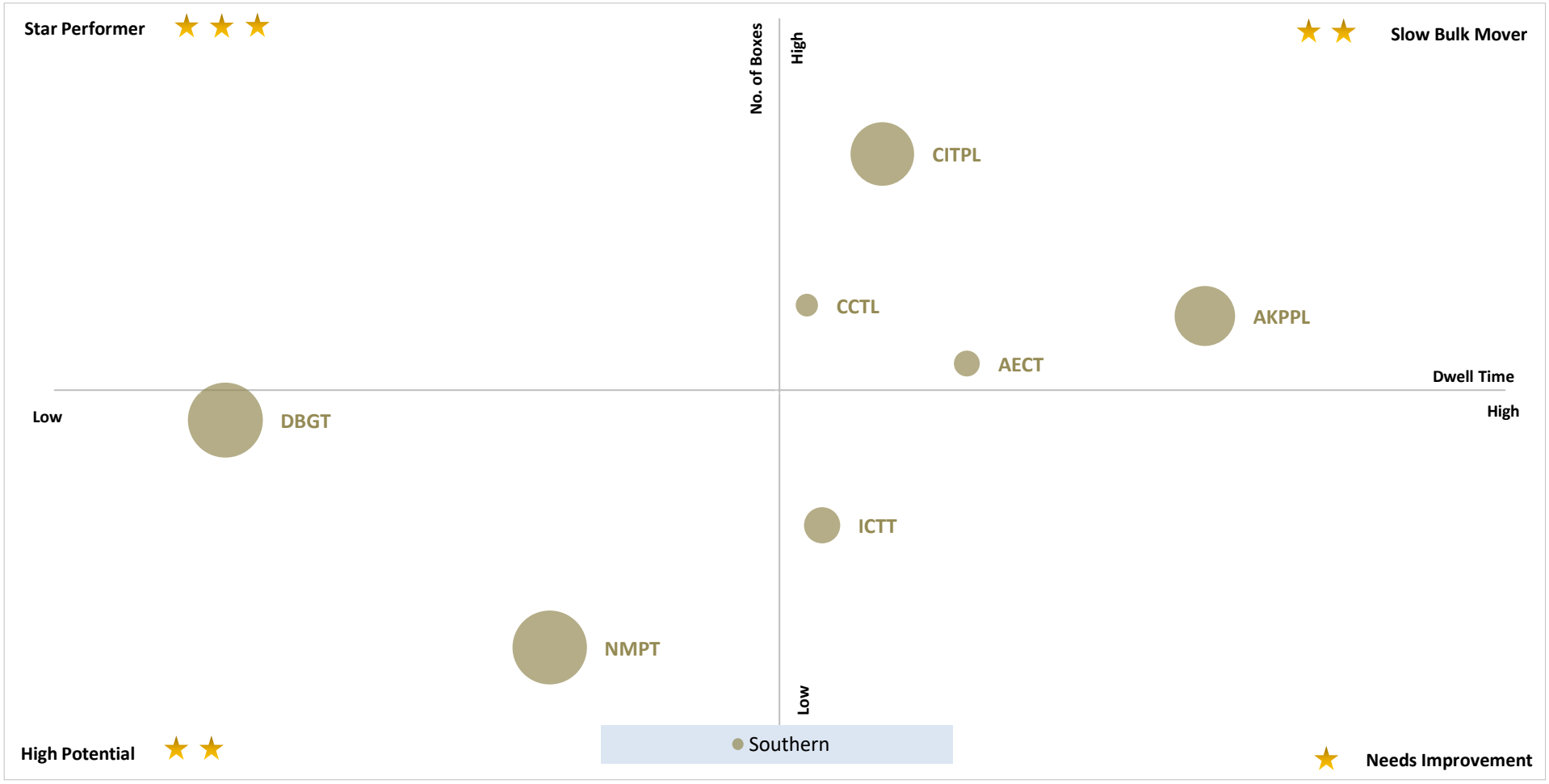
Y-Axis: No. of Boxes

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

Performance Benchmarking: Southern Region

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

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

X-Axis: Change in dwell time

Y-Axis: Change in no. of boxes

*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

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CFS Performance Benchmarking: Southern Region

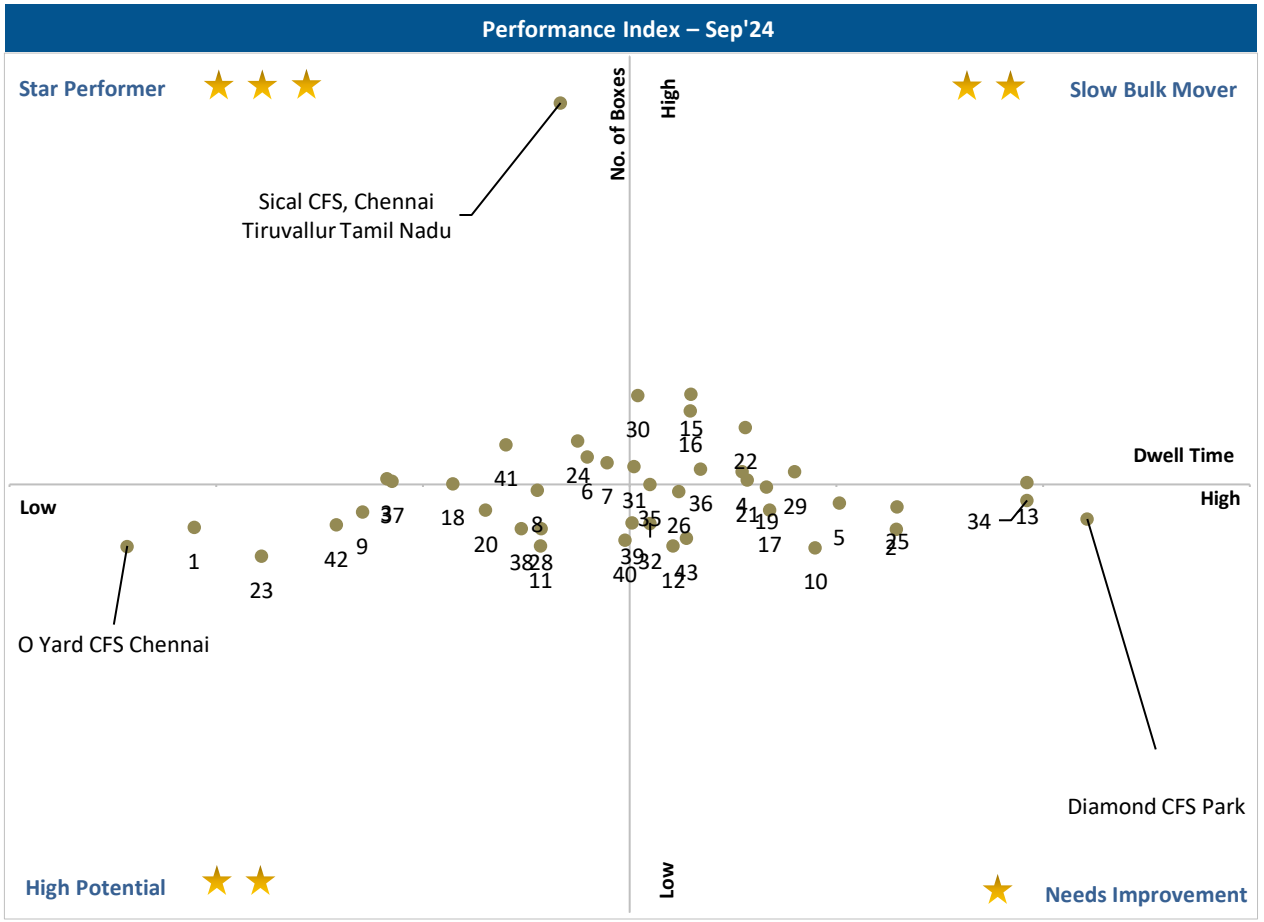
Performance benchmarking of CFSs based on dwell time vis-a-vis container count (no. of boxes) handled:

Top Performing CFS

Sical CFS, Chennai Tiruvallur Tamil Nadu

High Potential CFS

O Yard CFS Chennai



Low Performing CFS

Diamond CFS Park

Note:
Please refer annexure for CFS names

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Chennai Port Performance

Container Lifecycle (Import Cycle)

IMPORT

Port Dwell Time

	Sep'24 (in hrs)		Aug'24 (in hrs)
Truck	60.8	↑	56.6
Train	38.7	↑	32.5
Overall	60.4	↑	56.3

Transit Time

	Sep'24 (in hrs)		Aug'24 (in hrs)
Port to CFS	3.4	↓	3.5

CFS Dwell Time

	Sep'24 (in hrs)		Aug'24 (in hrs)
CFS	124.5	↑	111.3

EXPORT

CFS Dwell Time

	Sep'24 (in hrs)		Aug'24 (in hrs)
CFS	50.6	↑	43.7

Transit Time

	Sep'24 (in hrs)		Aug'24 (in hrs)
CFS to Port	9.8	↑	8.3

Port Dwell Time

	Sep'24 (in hrs)		Aug'24 (in hrs)
Truck	80.4	↓	89.5
Train	109.6	↓	126.0
Overall	81.0	↓	89.7

Container Lifecycle (Export Cycle)

↓ ↑ Indicates decrease/ increase in time from last month

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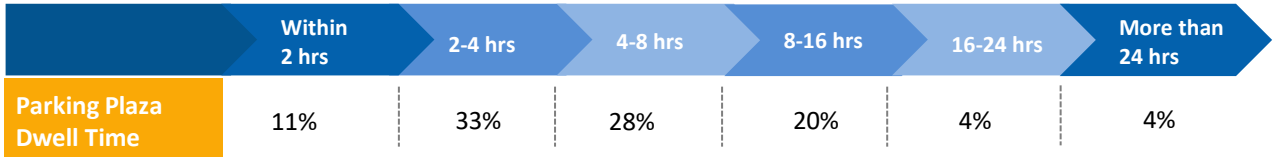
Parking Plaza Analysis: Chennai Port

The analysis showcases waiting time of containers at parking plaza

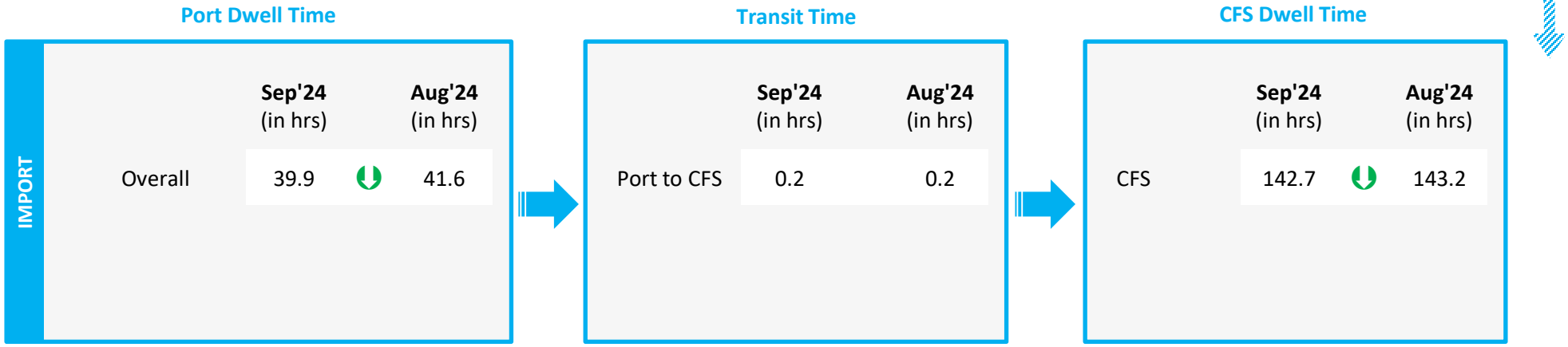
Parking Plaza Dwell Time (Gate In – Gate Out)	Sep'24 (in hrs)	Aug'24 (in hrs)
Thiruvottiyur CWC DPE Facility	4.4	4.5

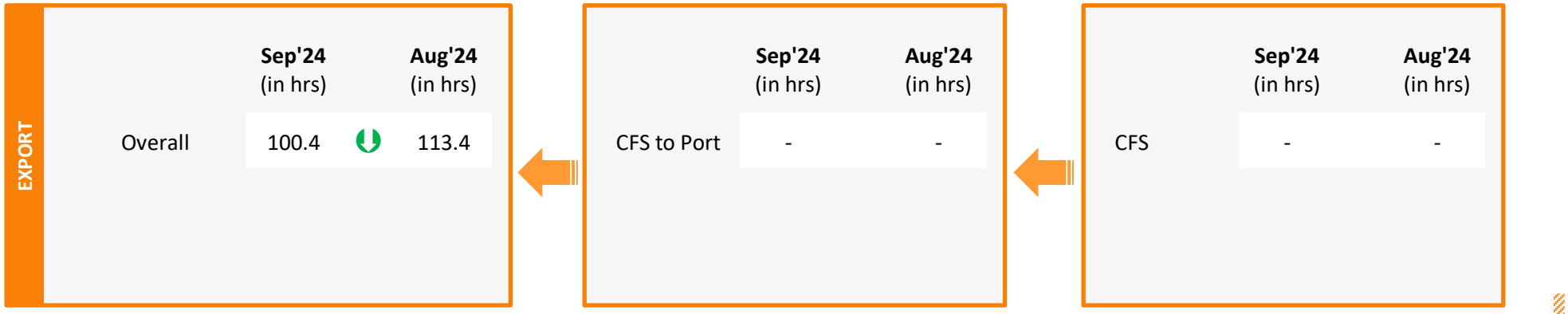
Container Count Percentage: Hour-wise (Sep'24)



Kochi Port Performance

Container Lifecycle (Import Cycle)





Container Lifecycle (Export Cycle)

Indicates decrease/ increase in time from last month

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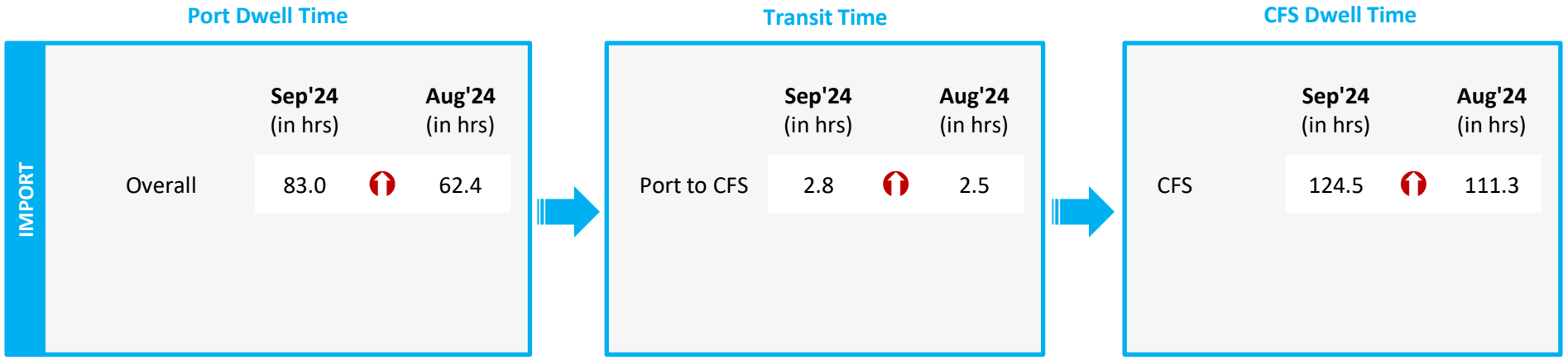
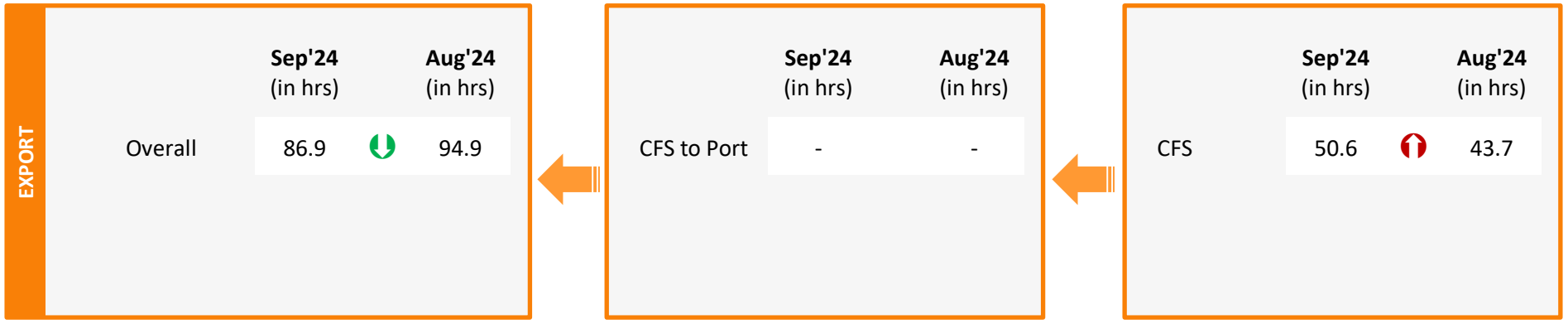
Kattupalli Port Performance

Container Lifecycle (Import Cycle)





Container Lifecycle (Export Cycle)

Indicates decrease/ increase in time from last month

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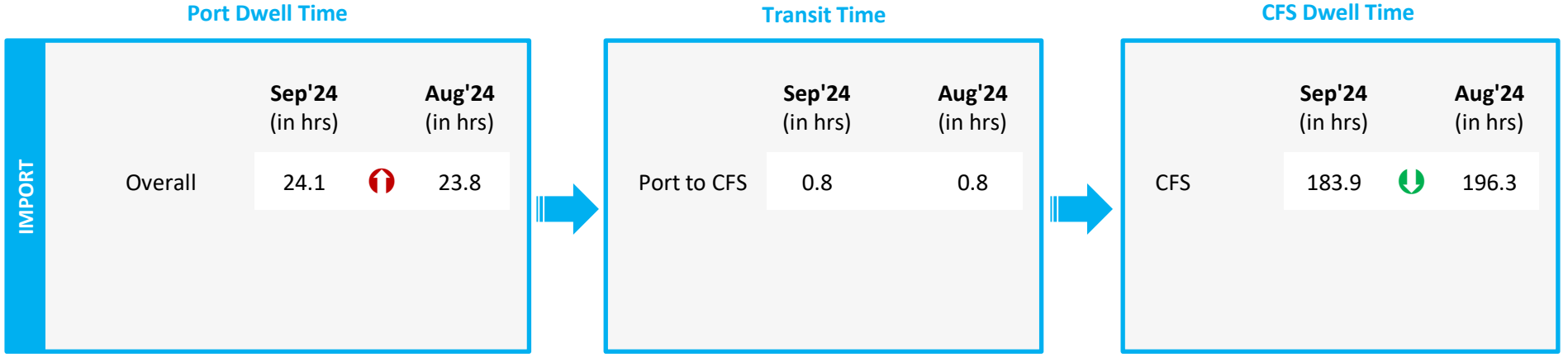
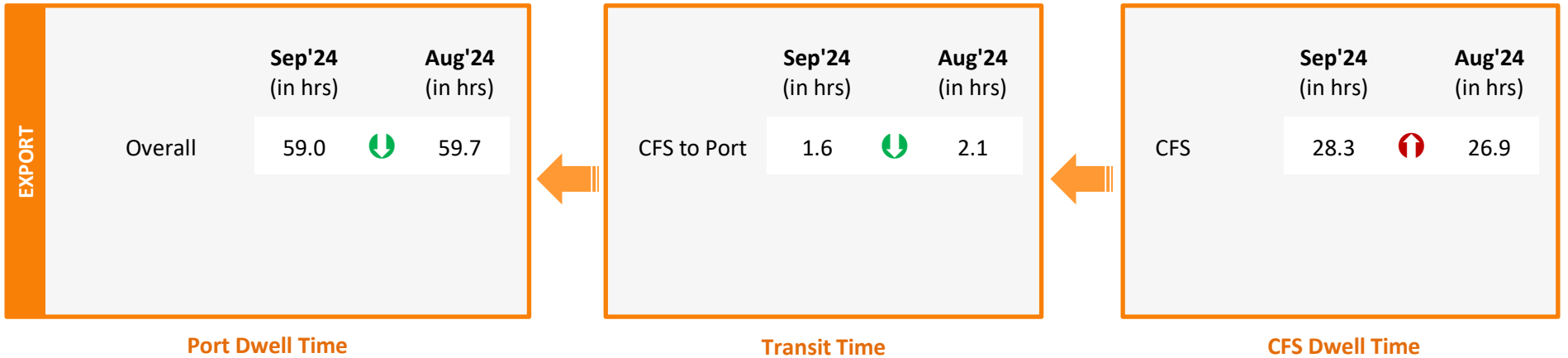
Tuticorin Port Performance

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

	Sep'24 (in hrs)		Aug'24 (in hrs)
Truck	58.7	↑	54.2
Train	55.9	↑	32.3
Overall	58.7	↑	53.6

Transit Time

	Sep'24 (in hrs)		Aug'24 (in hrs)
Port to CFS	1.7	↓	1.8

CFS Dwell Time

	Sep'24 (in hrs)		Aug'24 (in hrs)
CFS	124.5	↑	111.3

Container Lifecycle (Export Cycle)

Port Dwell Time

EXPORT

	Sep'24 (in hrs)		Aug'24 (in hrs)
Truck	89.6	↓	101.6
Train	110.5	↑	99.2
Overall	90.3	↓	101.5

Transit Time

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

CFS Dwell Time

	Sep'24 (in hrs)		Aug'24 (in hrs)
CFS	50.6	↑	43.7

↓ ↑ Indicates decrease/ increase in time from last month

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New Mangalore Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Sep'24 (in hrs)		Aug'24 (in hrs)
Overall	59.5*	↑	41.3*

Container Lifecycle (Export Cycle)

Port Dwell Time

EXPORT

	Sep'24 (in hrs)		Aug'24 (in hrs)
Overall	50.0*	↓	56.5*

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

↓ ↑ Indicates decrease/ increase in time from last month

Port to Toll Plaza Analysis: Southern Region

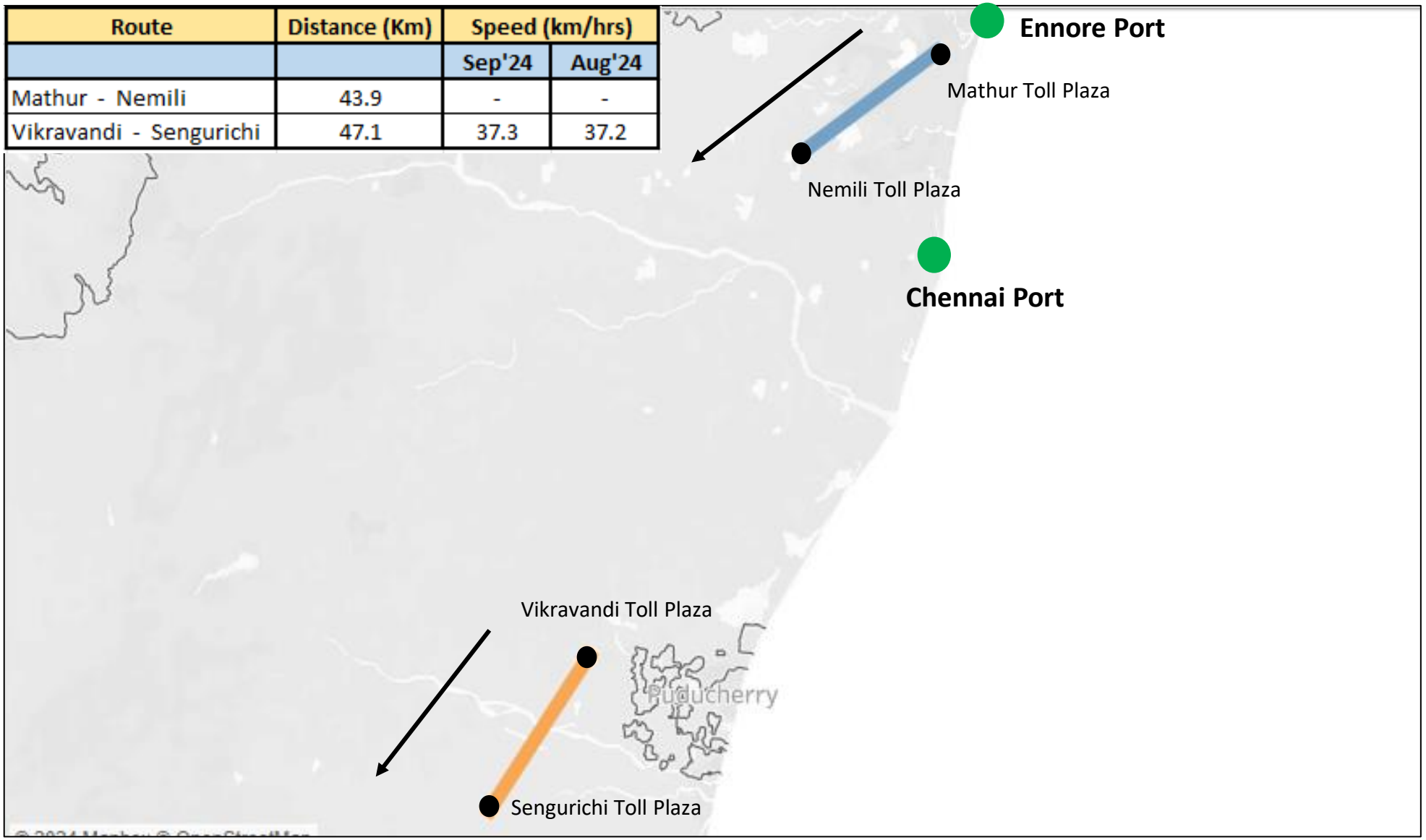
Below table depicts the average speed of a truck to cover the distance between the port and nearest toll plaza:

Region	Port	Adjacent Toll plaza	Distance (in Km)	Average Speed (in Km/hr)	
				Sep'24	Aug'24
Southern	Kochi	Ponnarimangalam	5	17.6	16.9
	New Mangalore	Brahamarakotlu	25	26.8	16.0
	Chennai	Mathur	25	12.2	10.3
	Kattupalli	Mathur	28	18.7	19.2
	Ennore	Mathur	21	13.0	14.3
	Tuticorin	Pudurpandiyapuram	29	42.4	40.5

Toll Plaza Analysis: Chennai and Ennore Port

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

Route	Distance (Km)	Speed (km/hrs)	
		Sep'24	Aug'24
Mathur - Nemili	43.9	-	-
Vikravandi - Sengurichi	47.1	37.3	37.2



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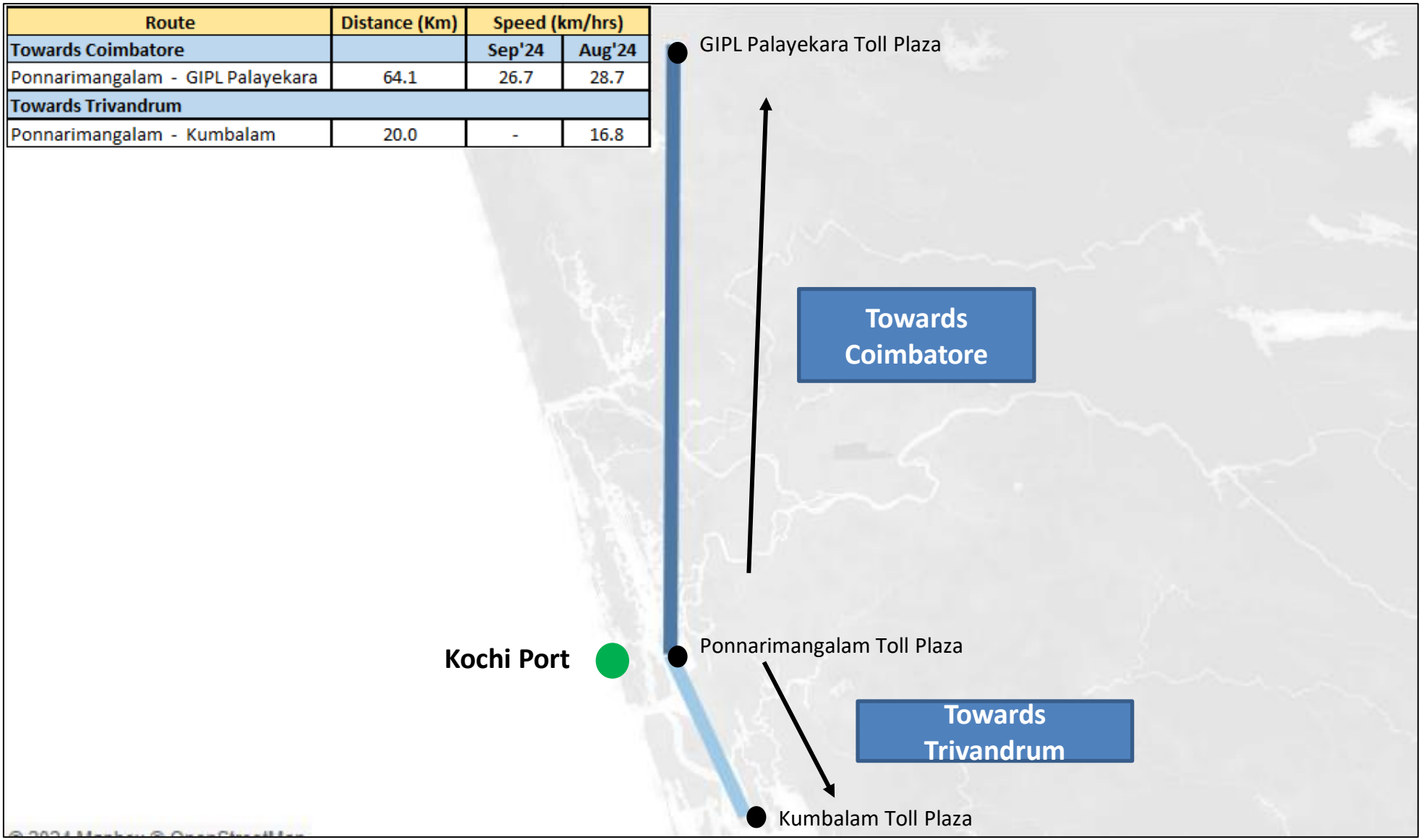
Toll Plaza Analysis: Kochi Port

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

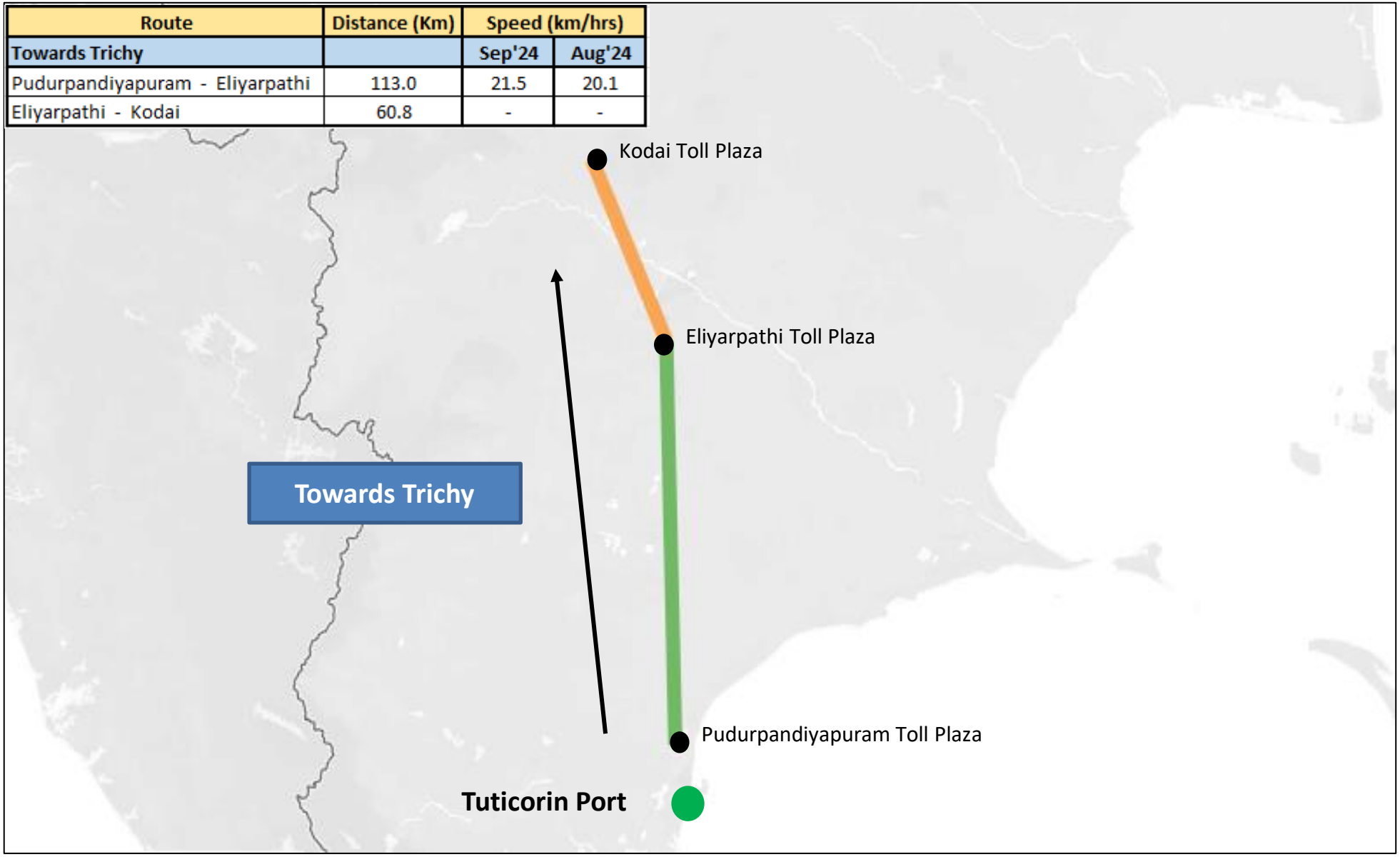
Route	Distance (Km)	Speed (km/hrs)	
Towards Coimbatore		**Sep'24**	**Aug'24**
Ponnarimangalam - GIPL Palayekara	64.1	26.7	28.7
Towards Trivandrum			
Ponnarimangalam - Kumbalam	20.0	-	16.8



Toll Plaza Analysis: Tuticorin Port

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

Route	Distance (Km)	Speed (km/hrs)	
Towards Trichy		**Sep'24**	**Aug'24**
Pudurpandiyapuram - Eliyarpathi	113.0	21.5	20.1
Eliyarpathi - Kodai	60.8	-	-



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NLDS
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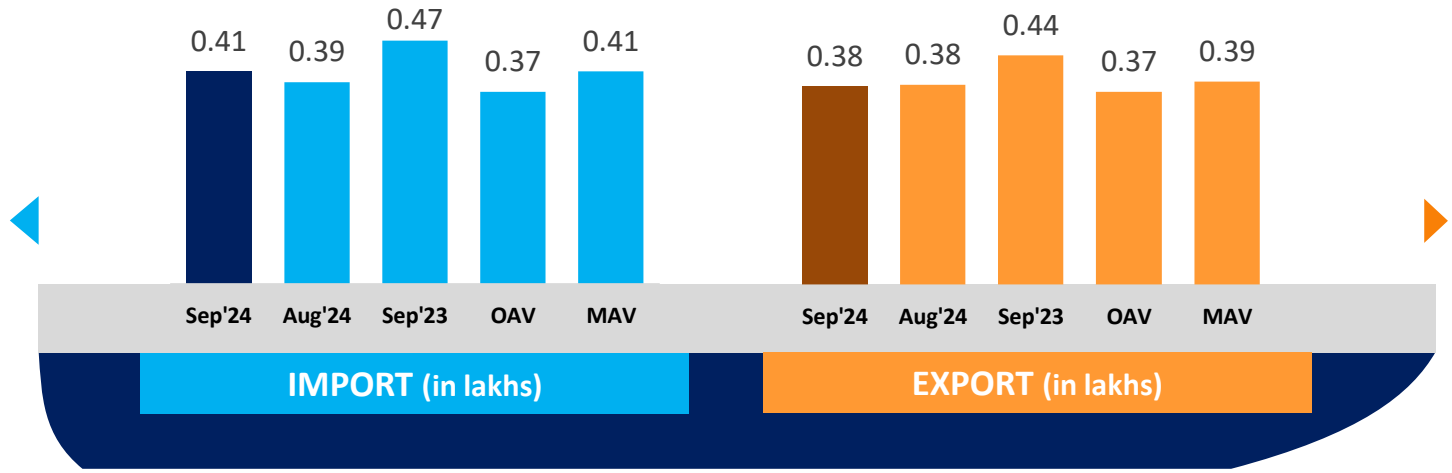
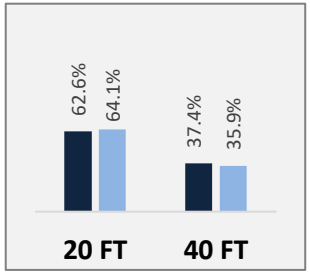
04
EASTERN REGION PERFORMANCE

Container Count: Eastern Region

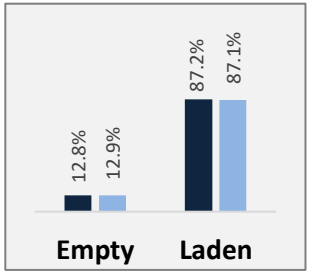
Eastern Region



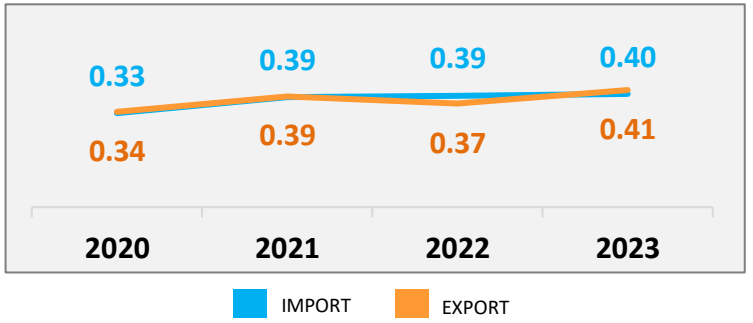
Container Size-wise (Import)



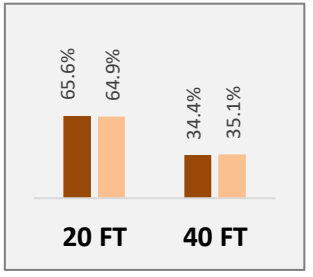
Container Type-wise (Import)



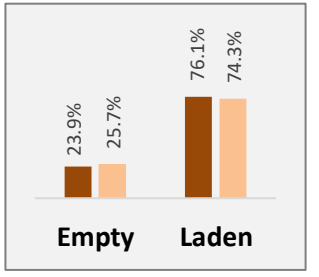
Container Count - Annual Average (in lakhs/ month)



Container Size-wise (Export)



Container Type-wise (Export)



OAV – Overall Avg Volume
MAV – Monthly Avg Volume

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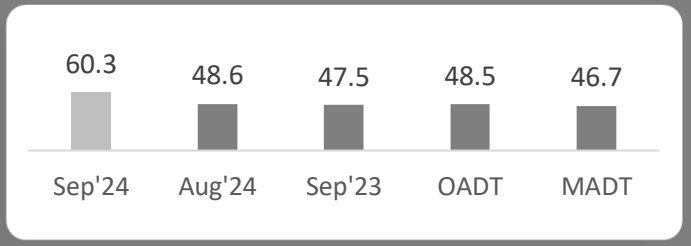
Dwell Time Performance: Eastern Region Import/ Export Cycle

Eastern Region

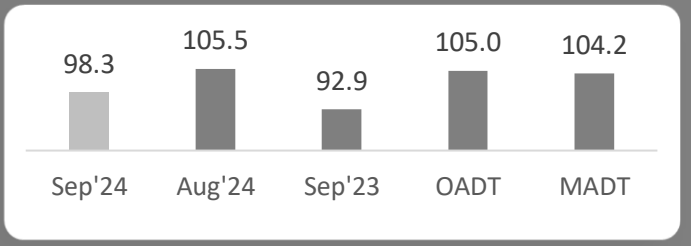
IMPORT



PAN India Import Dwell Time (Sep'24)

46.4 Hrs.

EXPORT



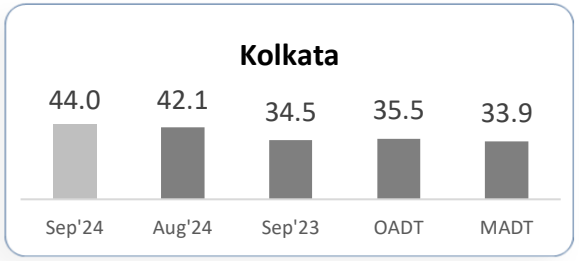
PAN India Export Dwell Time (Sep'24)

84.4 Hrs.

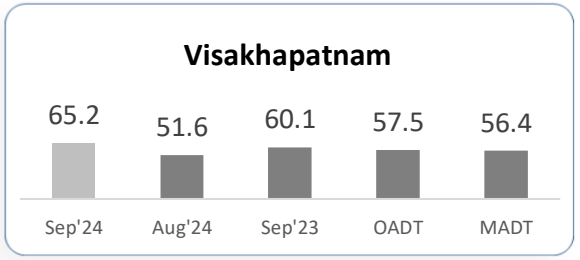
IMPORT

Ports

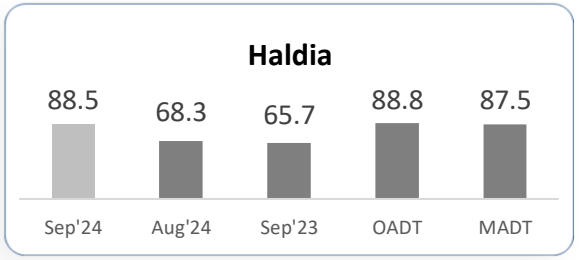
Kolkata



Visakhapatnam



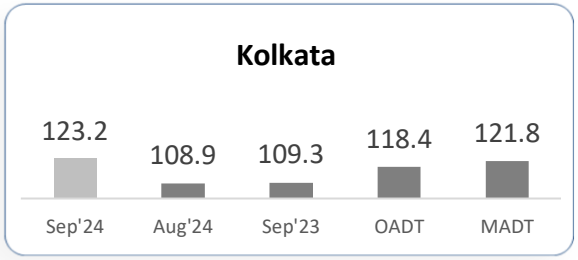
Haldia



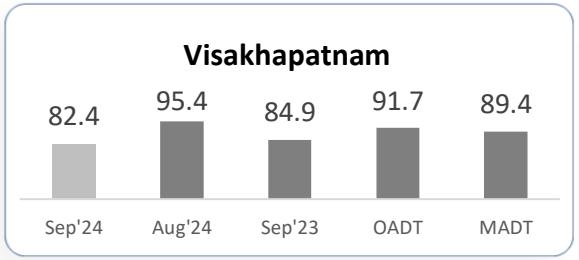
EXPORT

Ports

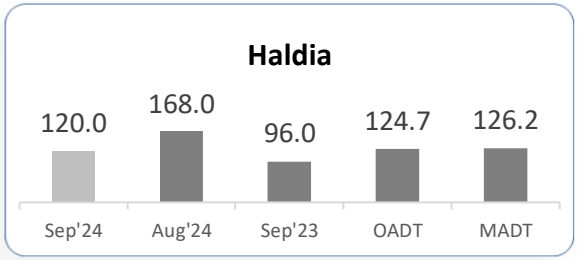
Kolkata



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)		
		Sep'24	Aug'24	Sep'23	Sep'24	Aug'24	Sep'23
Visakhapatnam	Visakhapatnam	95%	95%	98%	34.8	29.0	34.7
	Other Ports	5%	5%	2%	55.3	67.5	65.4
Kolkata	Kolkata	91%	92%	-	41.3	33.6	-
	Haldia	7%	5%	36%	58.8	40.9	43.0
	Other Ports	2%	3%	64%	61.0	56.0	67.3
Haldia	Haldia	74%	73%	96%	32.0	36.0	36.0
	Kolkata	26%	26%	-	53.0	38.5	-
	Other Ports	-	1%	4%	-	46.6	25.6

Eastern Region Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Sep'24 (in hrs)		Aug'24 (in hrs)
Truck	53.5	↑	43.9
Train	212.9	↑	171.9
Overall	60.3	↑	48.6

CFS/ ICD Dwell Time

	Sep'24 (in hrs)		Aug'24 (in hrs)
CFS	151.6	↓	160.9
ICD	123.1	↑	99.9

Container Lifecycle (Export Cycle)

Port Dwell Time

EXPORT

	Sep'24 (in hrs)		Aug'24 (in hrs)
Truck	100.4	↓	104.8
Train	93.7	↓	108.8
Overall	98.3	↓	105.5

CFS/ ICD Dwell Time

	Sep'24 (in hrs)		Aug'24 (in hrs)
CFS	99.0	↑	88.2
ICD	-		-

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

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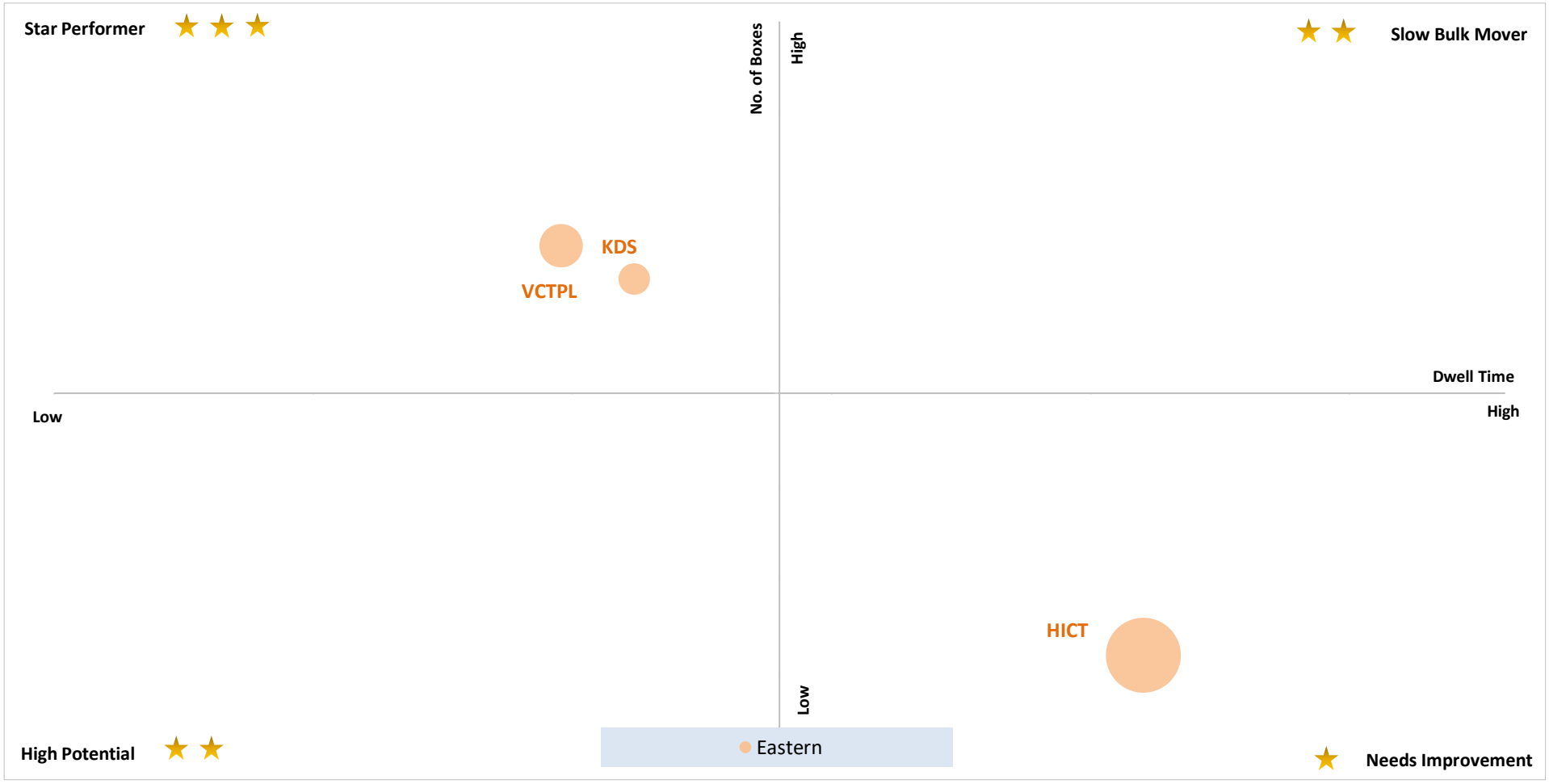
Port Performance Benchmarking: Eastern Region

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

Performance Benchmarking: Eastern Region

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

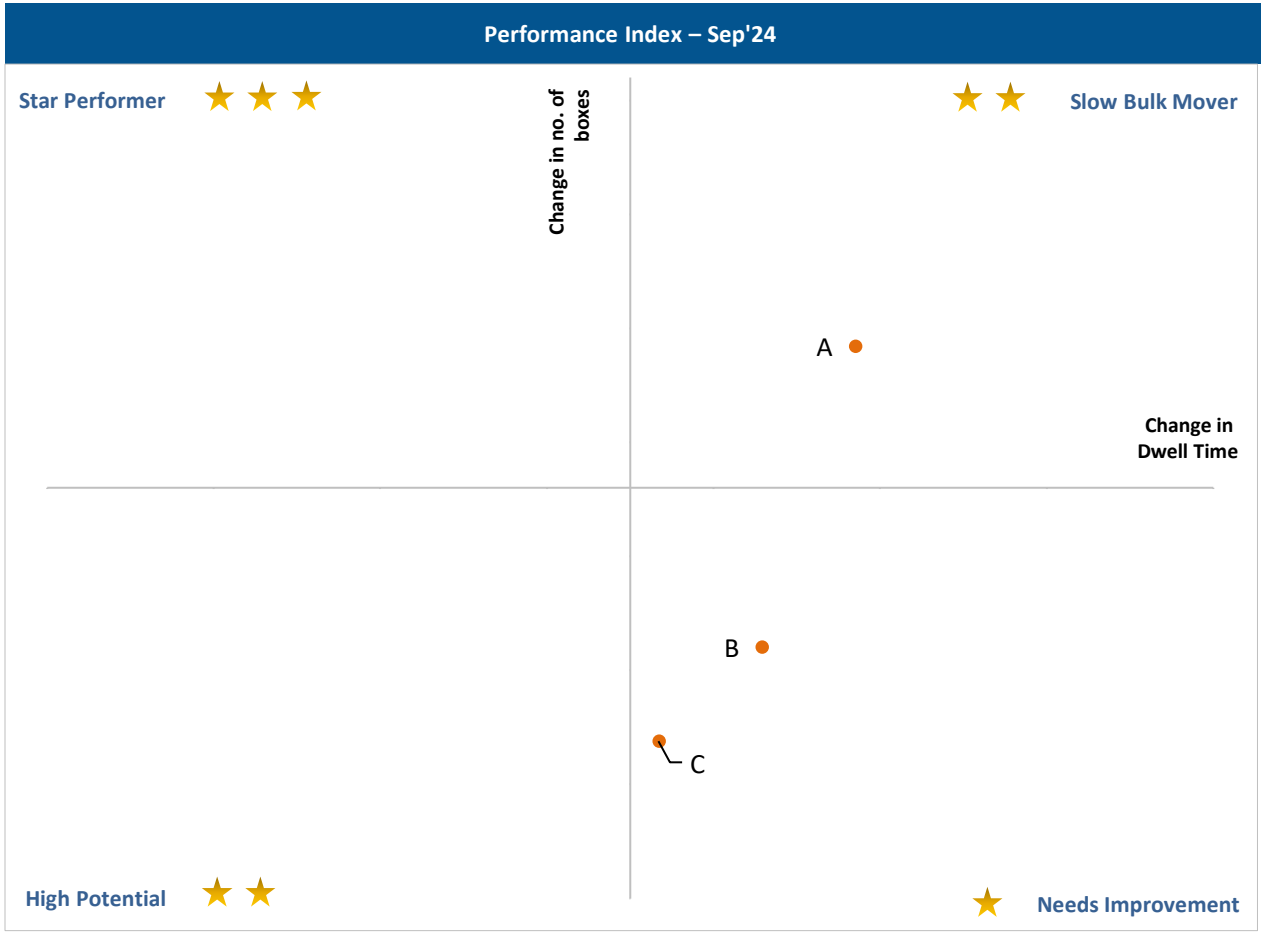


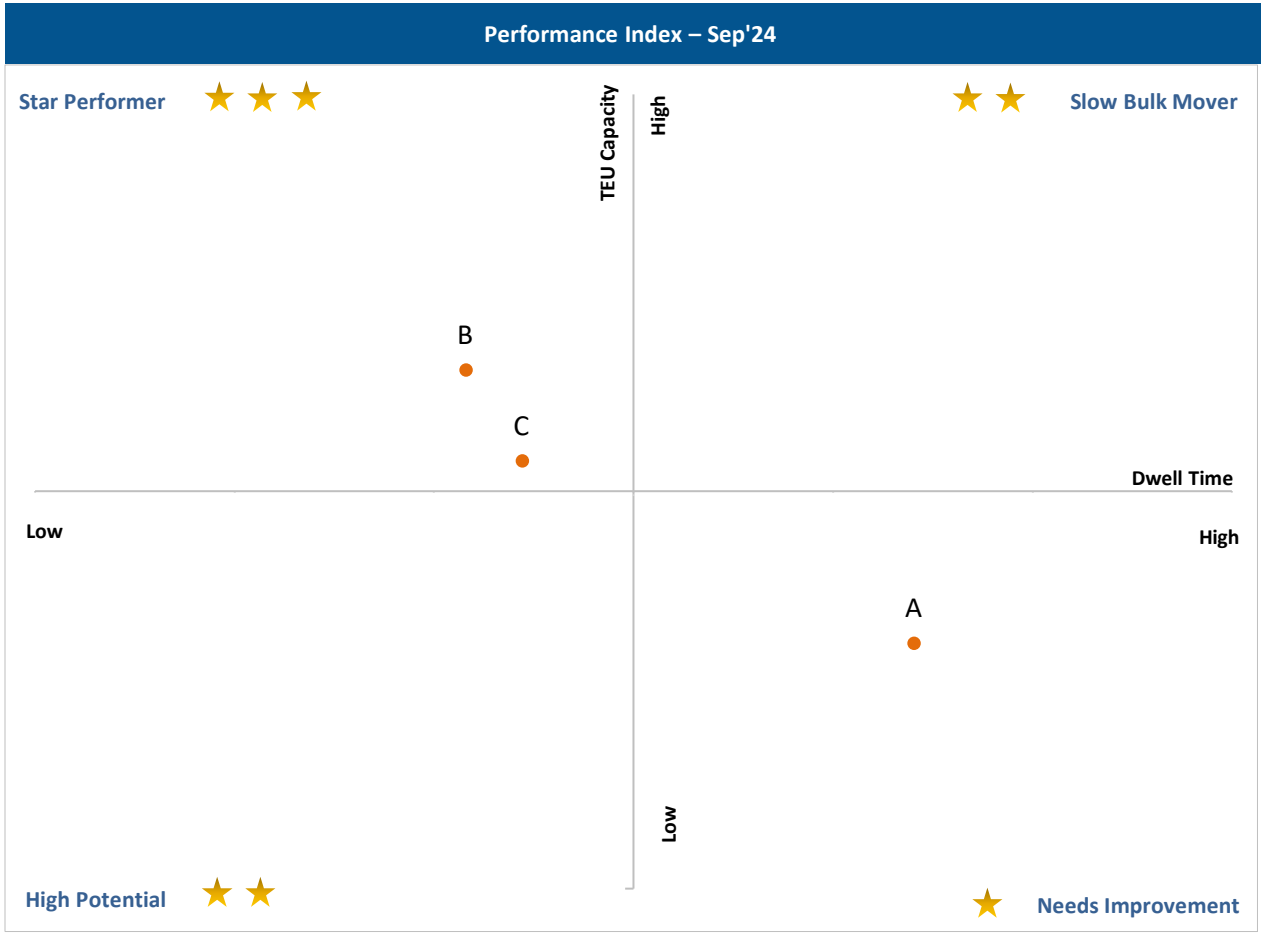
Abb.	Name of Terminal
A	Haldia International Container Terminal (HICT)
B	Kolkata Dock System (KDS) , Kolkata Port
C	Visakha Container Terminal

X-Axis: Change in dwell time

Y-Axis: Change in no. of boxes

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

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



X-Axis: Dwell Time

Y-Axis: TEU Capacity

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

CFS Performance Benchmarking: Eastern Region

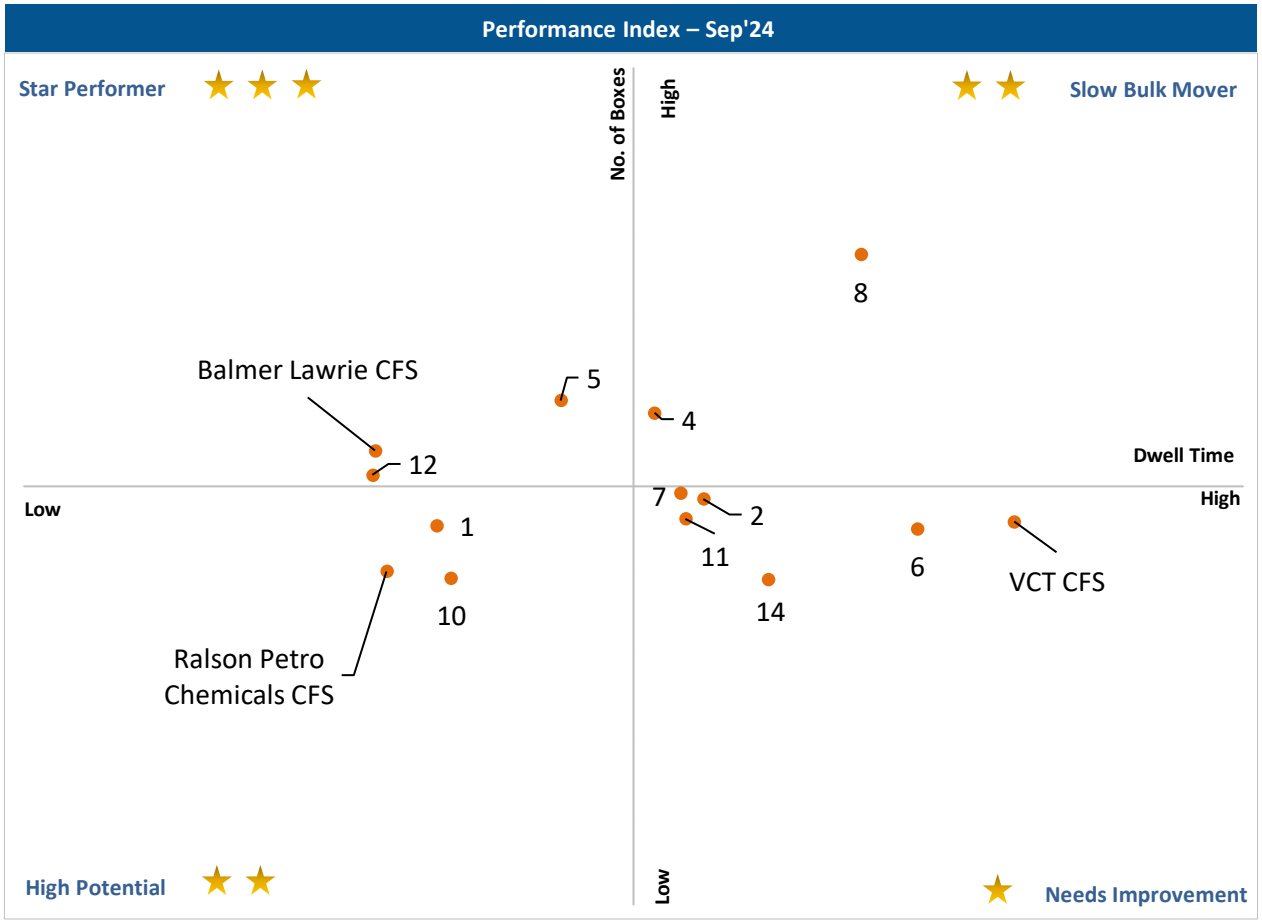
Performance benchmarking of CFSs based on dwell time vis-a-vis container count (no. of boxes) handled:

Top Performing CFS

Balmer Lawrie CFS

High Potential CFS

Ralson Petro Chemicals CFS



X-Axis: Dwell Time

Y-Axis: No. of Boxes

Low Performing CFS

VCT CFS

Note:
Please refer annexure for CFS names

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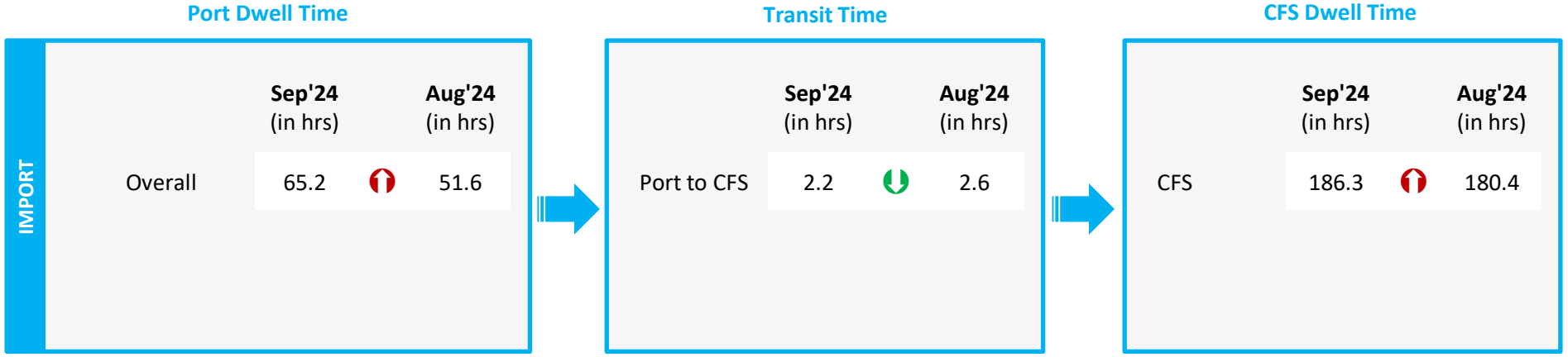
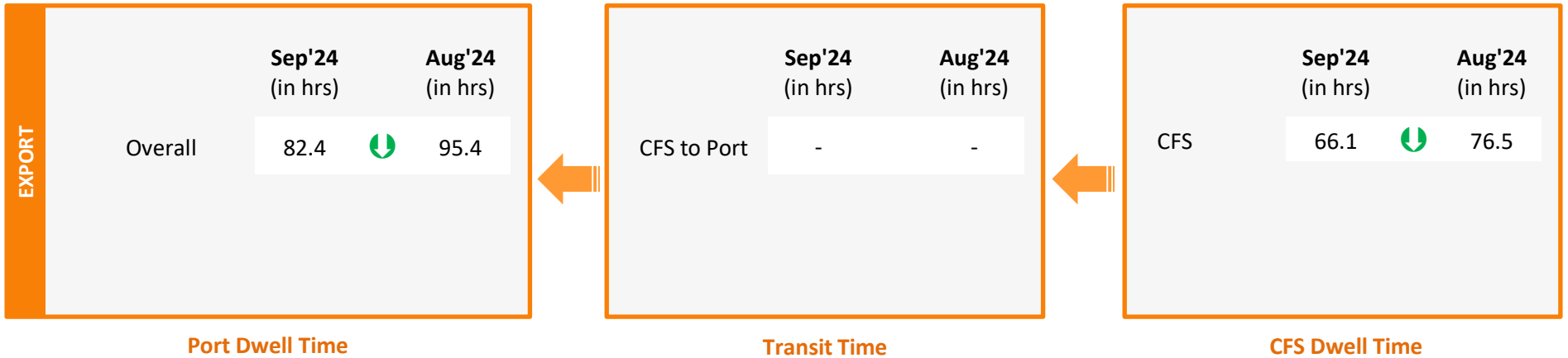
Visakhapatnam Port Performance

Container Lifecycle (Import Cycle)





Container Lifecycle (Export Cycle)

Indicates decrease/ increase in time from last month

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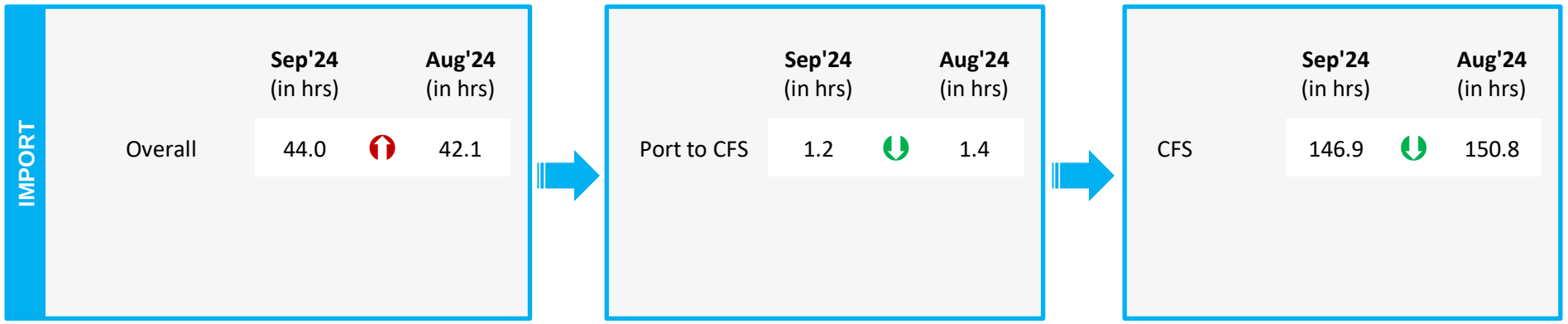
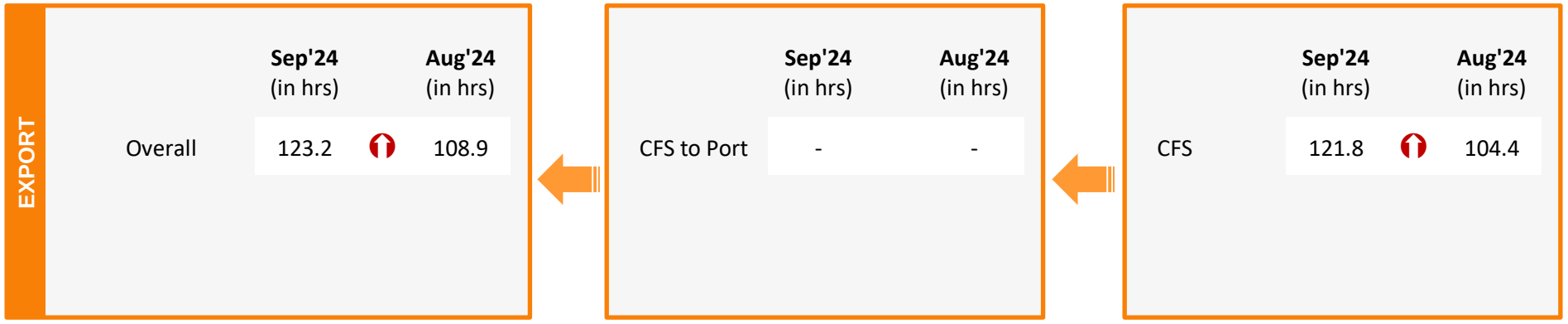
Kolkata Port Performance

Container Lifecycle (Import Cycle)





Container Lifecycle (Export Cycle)

Indicates decrease/ increase in time from last month

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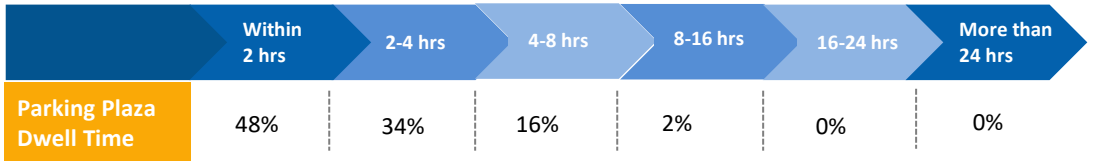
Parking Plaza Analysis: Kolkata Port

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

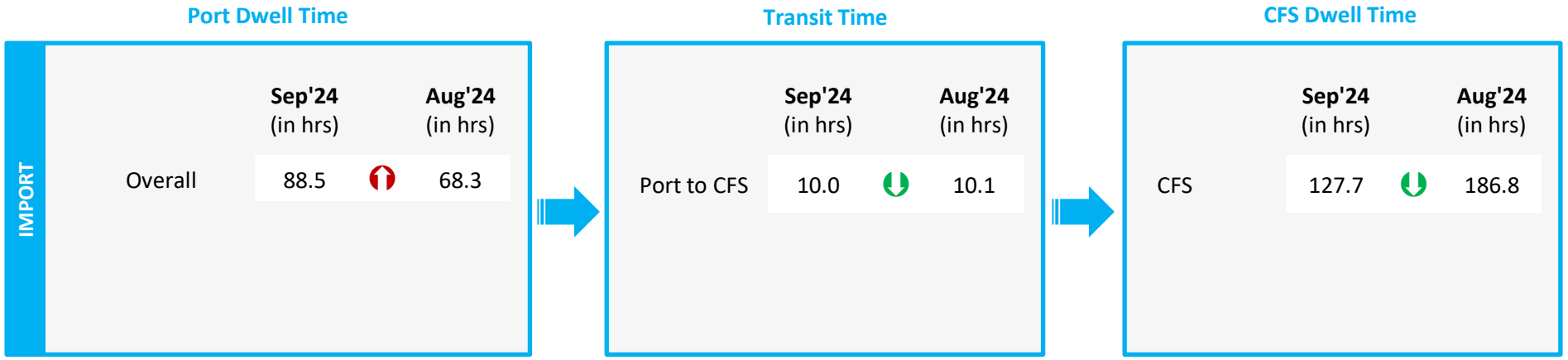
Parking Plaza Dwell Time (Gate In – Gate Out)	Sep'24 (in hrs)	Aug'24 (in hrs)
Phonex M, Q Parking Yard Kolkata	2.1	1.6

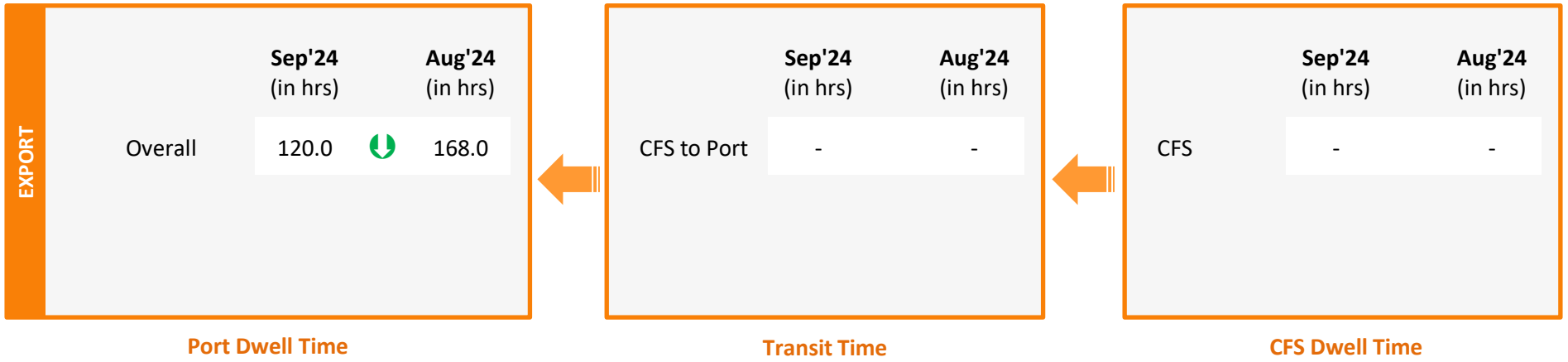
Container Count Percentage: Hour-wise (Sep'24)



Haldia Port Performance

Container Lifecycle (Import Cycle)





Container Lifecycle (Export Cycle)

Indicates decrease/ increase in time from last month

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Port to Toll Plaza Analysis: Eastern Region

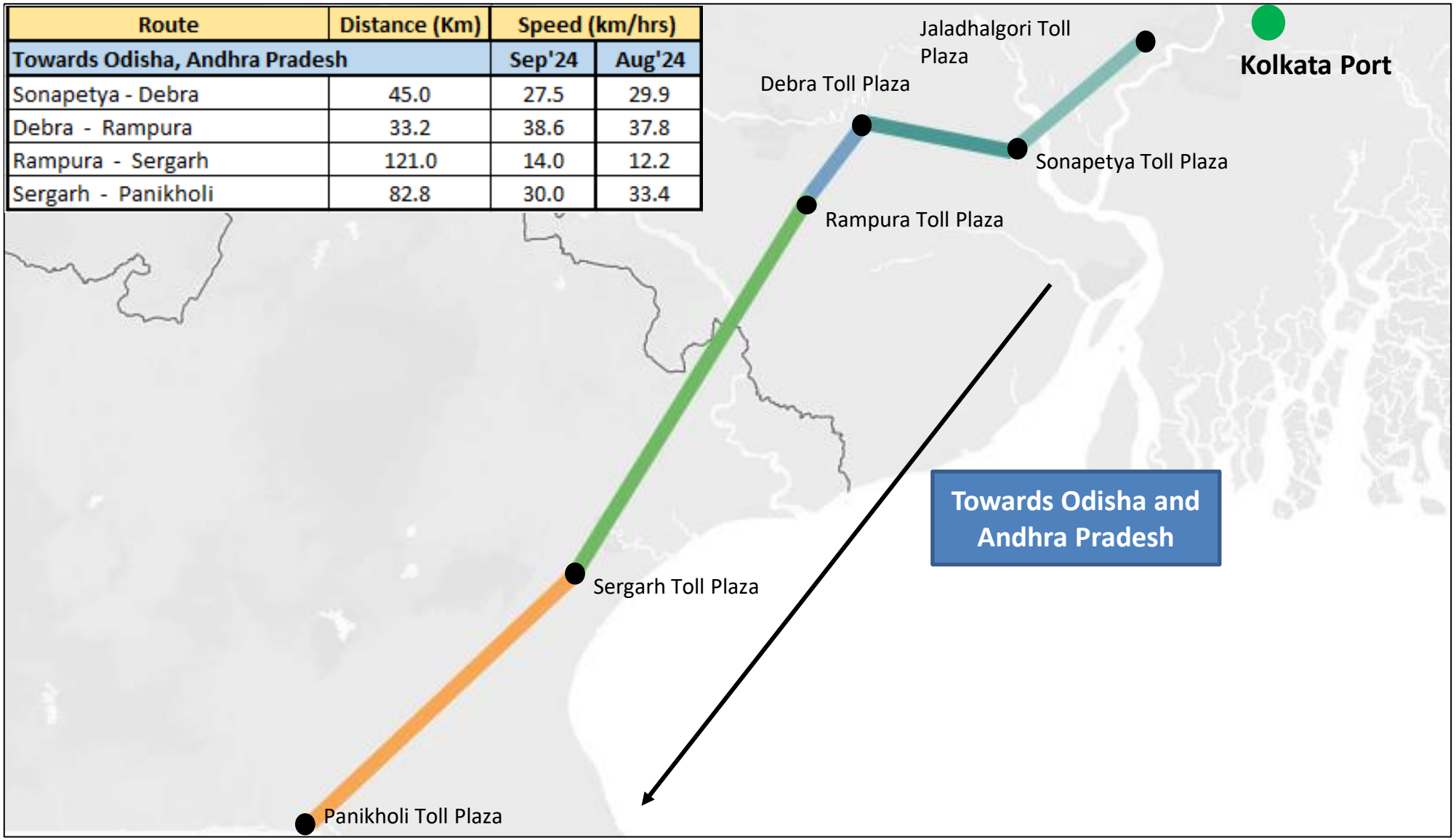
Below table depicts the average speed of a truck to cover the distance between the port and nearest toll plaza:

Region	Port	Adjacent Toll plaza	Distance (in KM)	Average Speed (in Km/hr)	
				Sep'24	Aug'24
Eastern	Kolkata	Rampura	134	13.4	14.1
		Dankuni	28	8.2	7.6
	Haldia	Sonapetya	44	8.7	9.4
	Visakhapatnam	Nathavalasa	59	13.0	8.6
		Sheelanagar	23	23.2	20.1

Toll Plaza Analysis: Kolkata Port

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

Route	Distance (Km)	Speed (km/hrs)	
Towards Odisha, Andhra Pradesh		Sep'24	Aug'24
Sonapetya - Debra	45.0	27.5	29.9
Debra - Rampura	33.2	38.6	37.8
Rampura - Sergarh	121.0	14.0	12.2
Sergarh - Panikholi	82.8	30.0	33.4



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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:

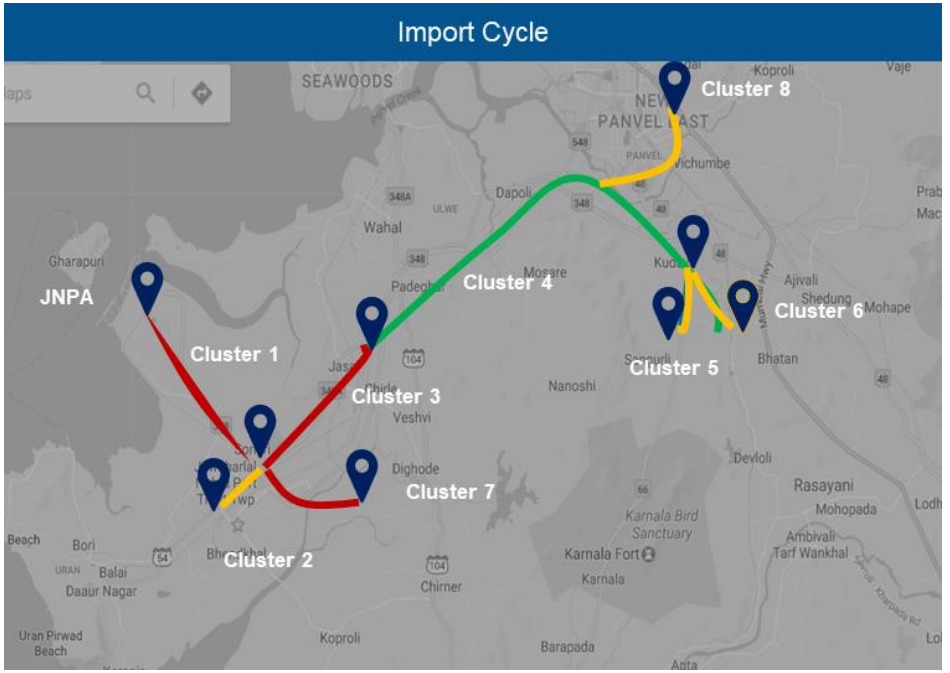
Methodology

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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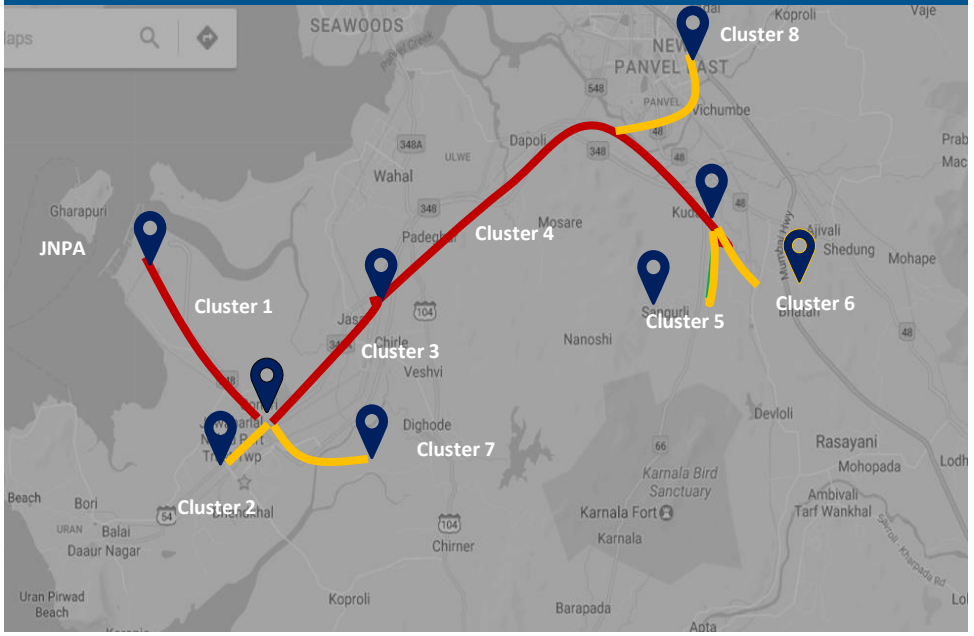
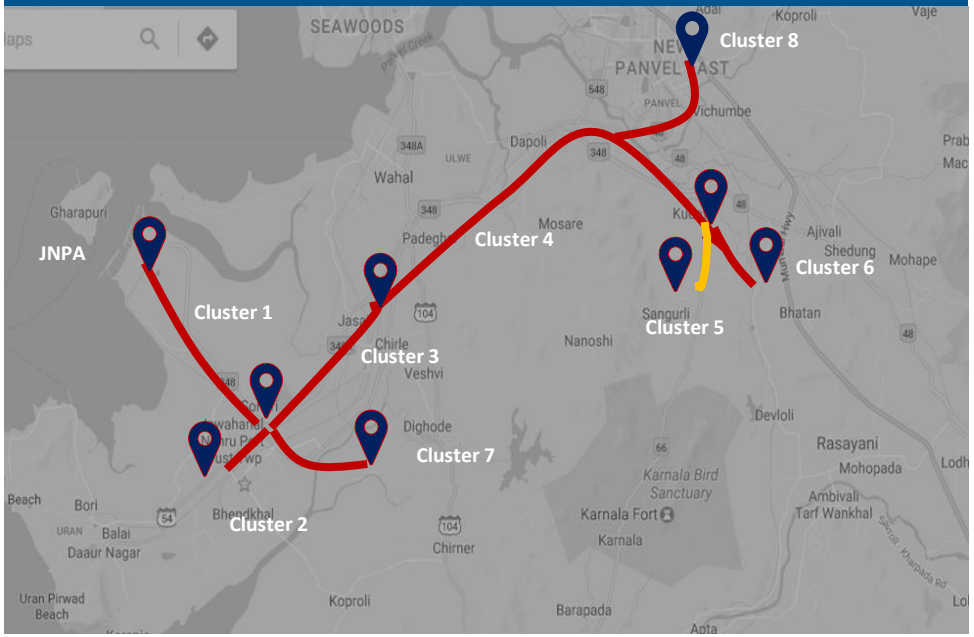
Congestion Analysis: JNPA Region

Import Cycle



Export Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	JNPA Area	1	9.90%	High
Cluster 2	Bhendkhal Area, Khopate Road	6	25.92%	Medium
Cluster 3	Sonari Area,JNPA Road	2	12.96%	High
Cluster 4	Chirle Area, JNPA Road	1	0.24%	High
Cluster 5	Plaspa Area, Coach Kanyakumari Highway	2	14.05%	Medium
Cluster 6	Salva Apta Road Area, Bangalore Highway	5	24.48%	Medium
Cluster 7	Patilpada Area, Khopate JNPA Road	3	11.79%	Medium
Cluster 8	Taloja, Navi Mumbai	1	0.66%	Medium
Congestion Level	High	Medium	Low	

Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	JNPA Area	1	12.35%	High
Cluster 2	Bhendkhal Area, Khopate Road	6	20.72%	High
Cluster 3	Sonari Area,JNPA Road	2	14.47%	High
Cluster 4	Chirle Area, JNPA Road	1	4.50%	High
Cluster 5	Plaspa Area, Coach Kanyakumari Highway	2	10.63%	Medium
Cluster 6	Salva Apta Road Area, Bangalore Highway	5	24.85%	High
Cluster 7	Patilpada Area, Khopate JNPA Road	3	12.10%	High
Cluster 8	Taloja, Navi Mumbai	1	0.38%	High

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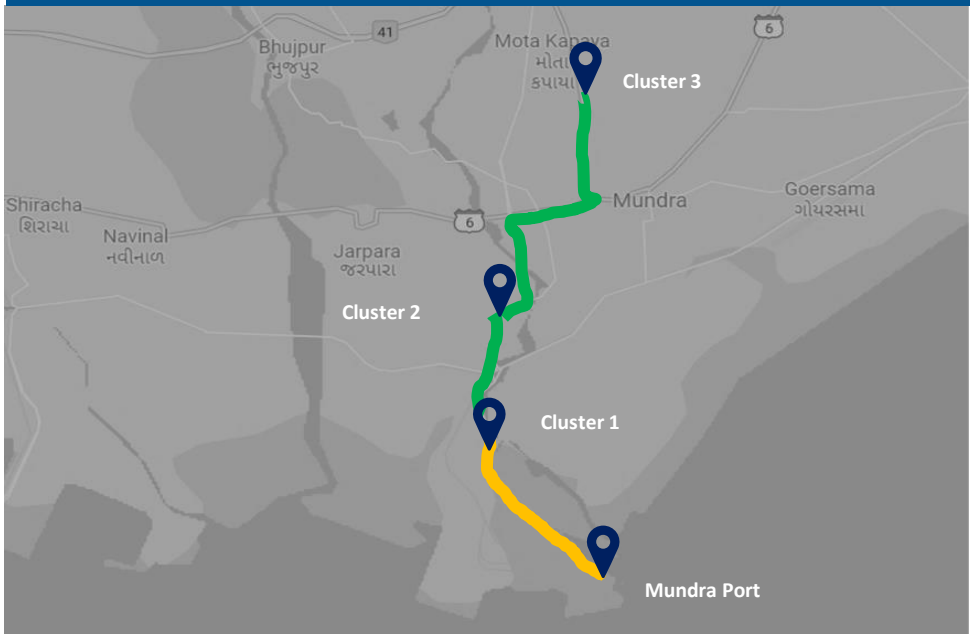
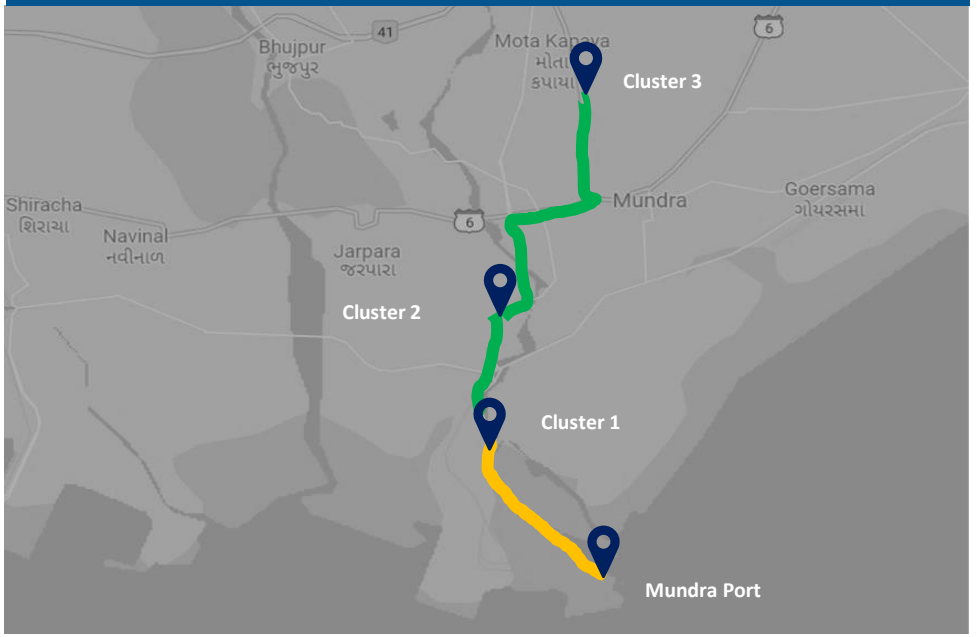
Congestion Analysis: Mundra Region

Import Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	APSEZ Area	12	83.30%	Medium
Cluster 2	Hind Circle	2	12.85%	Low
Cluster 3	Mota Kapaya	1	3.85%	Low

Export Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	APSEZ Area	12	98.09%	Medium
Cluster 2	Hind Circle	2	1.21%	Low
Cluster 3	Mota Kapaya	1	0.70%	Low

Congestion Level — High — Medium — Low

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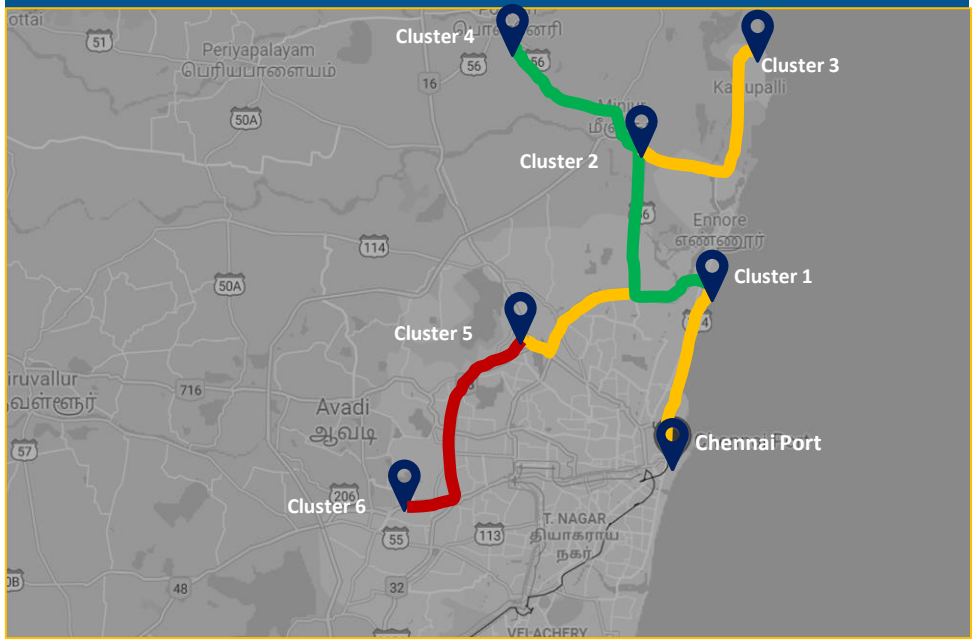
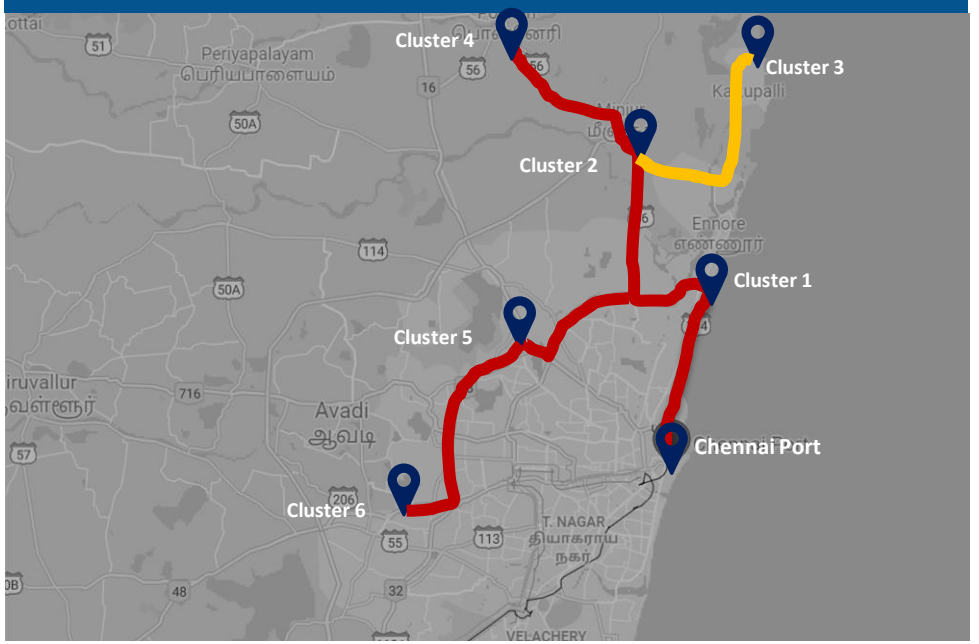
Congestion Analysis: **Chennai Region**

Import Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Thiruvottiyur High Road Augction	3	22.06%	Medium
Cluster 2	Aandarkuppam - Melur Augction	14	61.07%	Low
Cluster 3	Kattupalli Port bound Area	2	0.89%	Medium
Cluster 4	Minjur - Ponneri bound Area	3	3.59%	Low
Cluster 5	Madhavaram - Moolakadai Augction	3	7.45%	Medium
Cluster 6	Poonamallee - Sriperumbadur Augction	5	4.94%	High

Export Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Thiruvottiyur High Road Augction	3	19.44%	High
Cluster 2	Aandarkuppam - Melur Augction	14	50.37%	High
Cluster 3	Kattupalli Port bound Area	2	1.05%	Medium
Cluster 4	Minjur - Ponneri bound Area	3	10.13%	High
Cluster 5	Madhavaram - Moolakadai Augction	3	4.76%	High
Cluster 6	Poonamallee - Sriperumbadur Augction	5	14.25%	High

Congestion Level — High — Medium — Low

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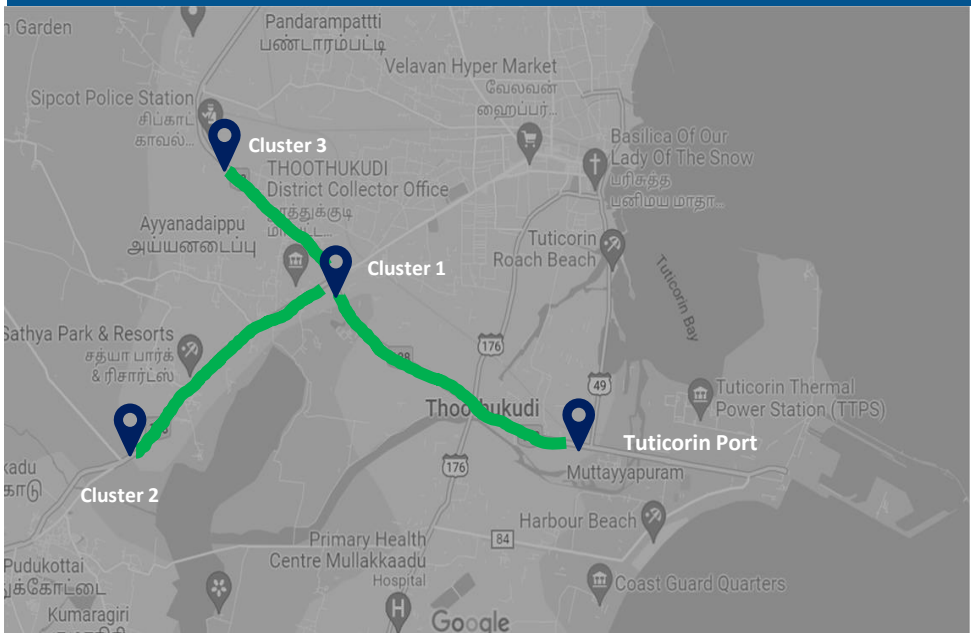
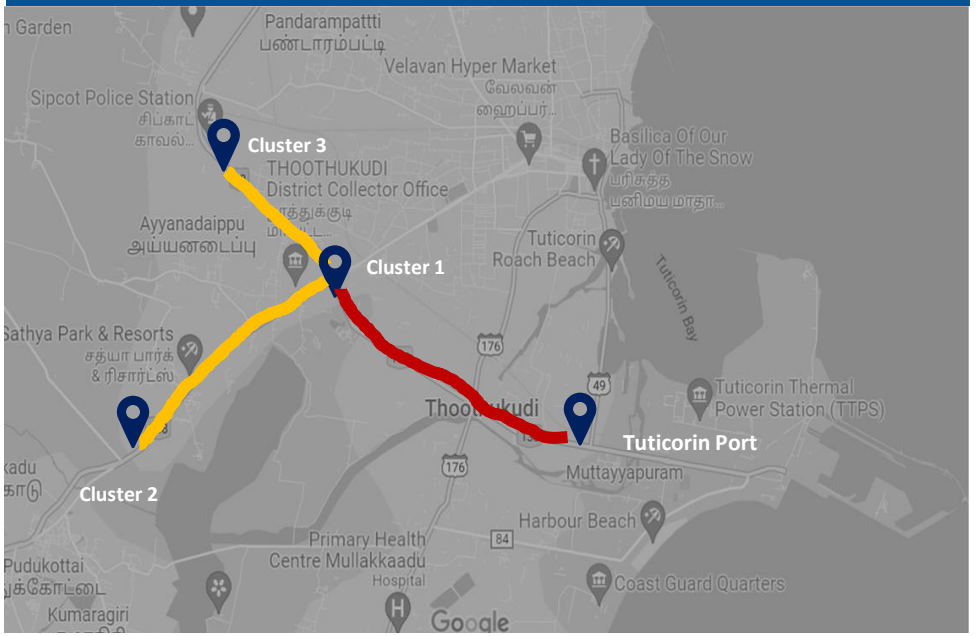
Congestion Analysis: **Tuticorin Region**

Import Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Periyanayagapuram, Thoothukudi, Madurai Road	4	31.58%	Low
Cluster 2	Tirunelveli Road nearby Podukottai	2	11.66%	Low
Cluster 3	Sipcot Area nearby Madurai Road	8	56.76%	Low

Export Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Periyanayagapuram, Thoothukudi, Madurai Road	4	23.31%	High
Cluster 2	Tirunelveli Road nearby Podukottai	2	7.38%	Medium
Cluster 3	Sipcot Area nearby Madurai Road	8	69.31%	Medium

Congestion Level — High — Medium — Low

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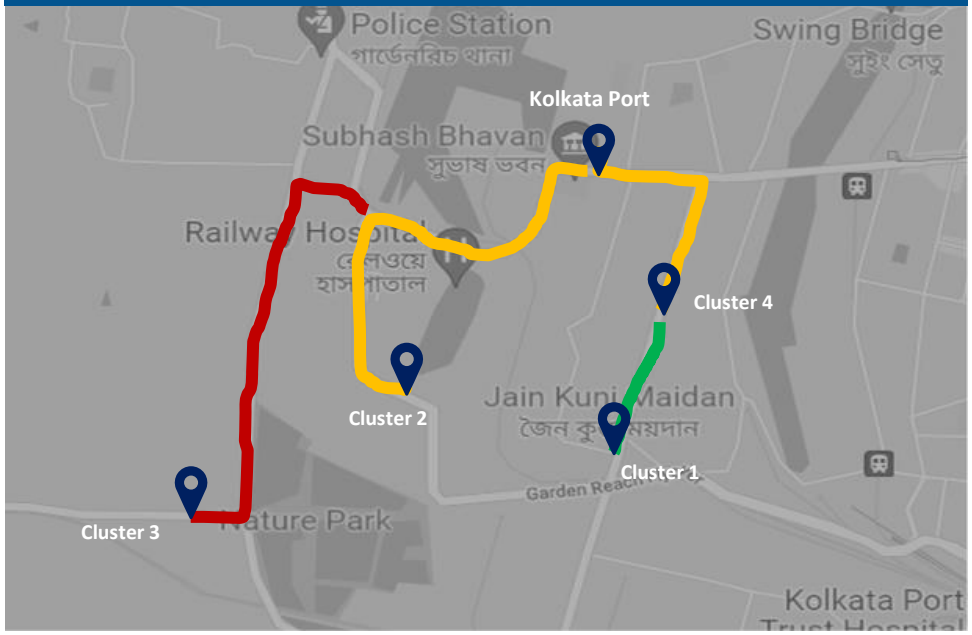
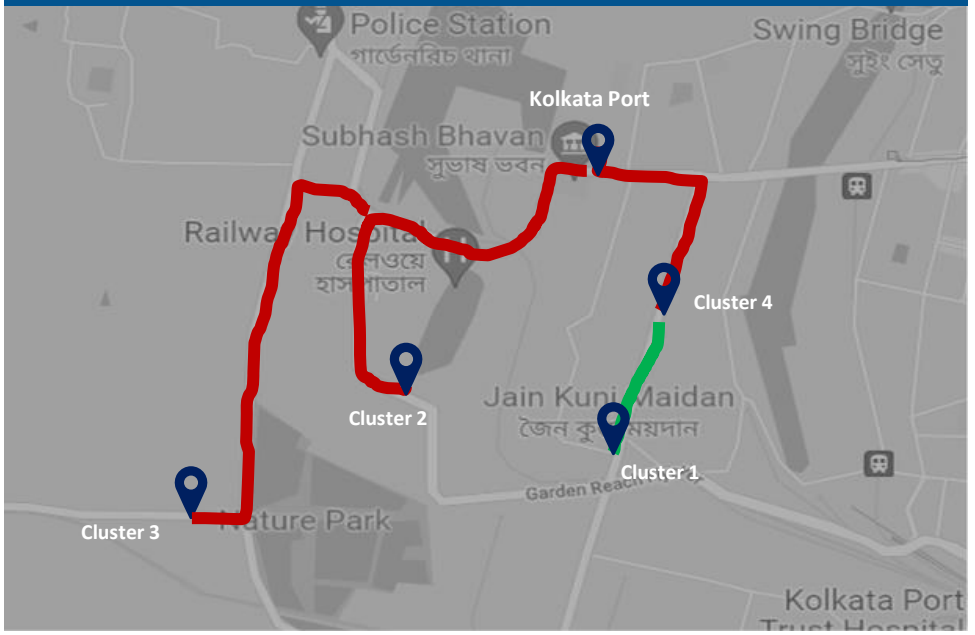
Congestion Analysis: **Kolkata Region**

Import Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Base Bridge Area	3	47.96%	Low
Cluster 2	Sonapur Road Area	1	17.90%	Medium
Cluster 3	Nature Park Area	1	30.31%	High
Cluster 4	Babu Bazar Area	1	3.83%	Medium

Export Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Base Bridge Area	3	71.05%	Low
Cluster 2	Sonapur Road Area	1	19.86%	High
Cluster 3	Nature Park Area	1	0.48%	High
Cluster 4	Babu Bazar Area	1	8.61%	High

Congestion Level — High — Medium — Low

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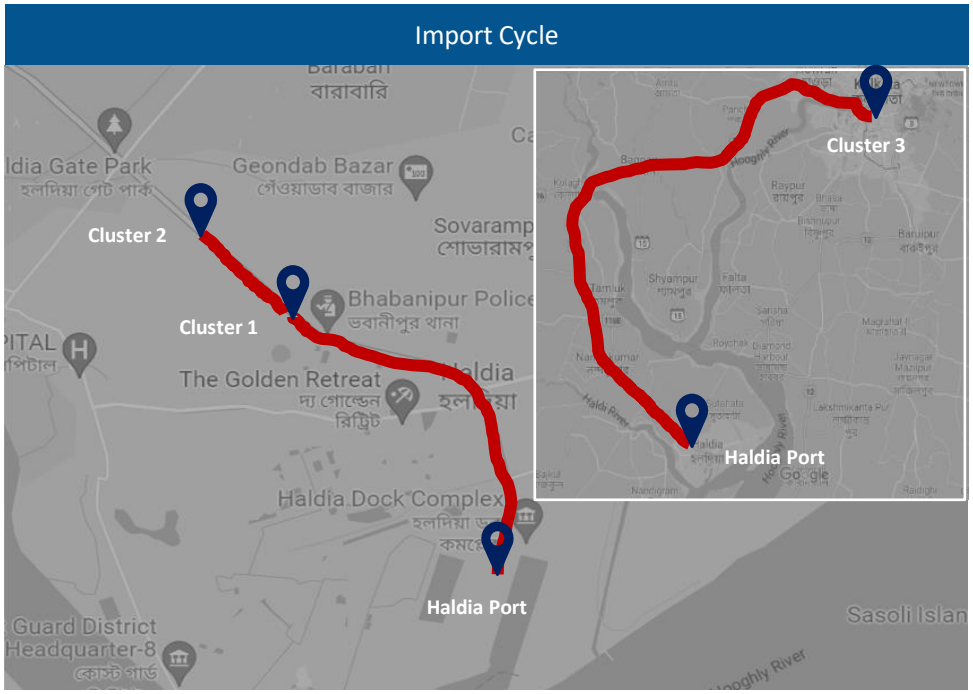
Congestion Analysis: **Haldia Region**



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Talpukur Area, Kolkata Highway	1	33.06%	High
Cluster 2	City Centre Area, Kolkata Highway	2	38.80%	High
Cluster 3	Silpodanga Area	1	28.14%	High

Congestion Level High Medium Low

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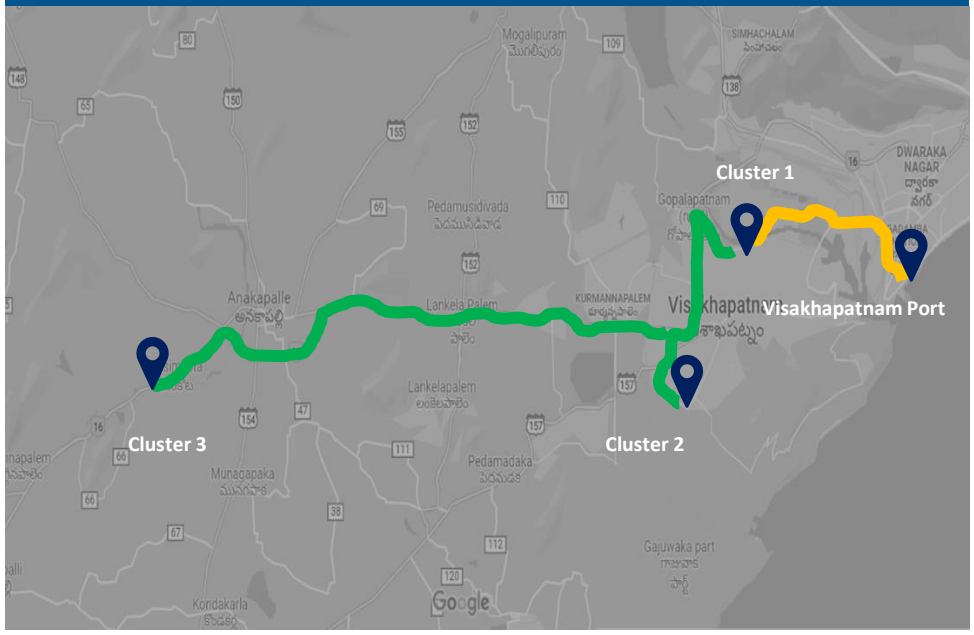
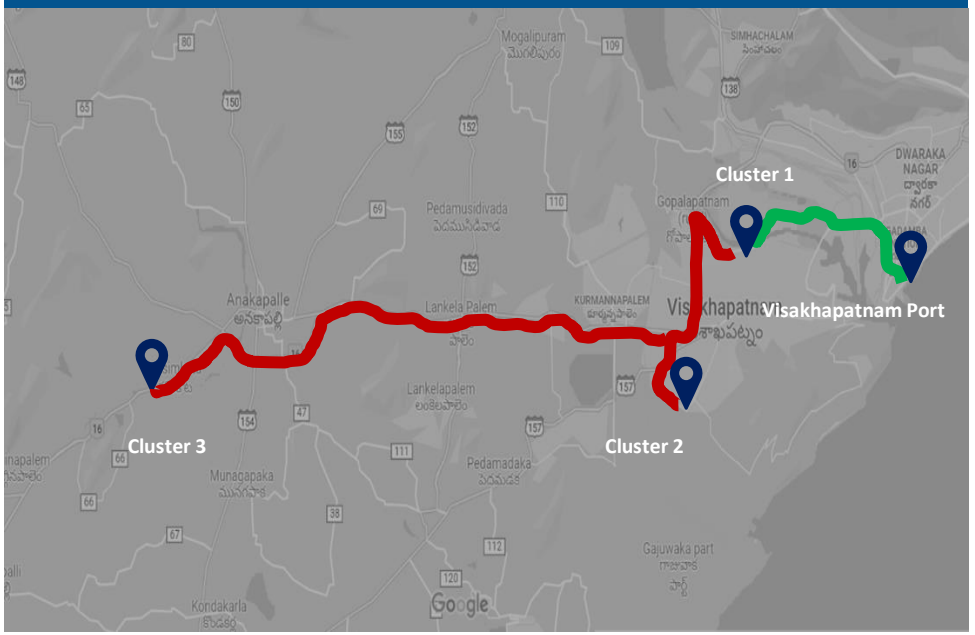
Congestion Analysis: Visakhapatnam Region

Import Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Port Road, Gopalapatnam Area	4	73.5%	Medium
Cluster 2	Autonagar, Gajuwaka Area	3	22.20%	Low
Cluster 3	Chennai – Kolkata Highway, Bayyavaram Area	1	4.30%	Low

Export Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Port Road, Gopalapatnam Area	4	90.31%	Low
Cluster 2	Autonagar, Gajuwaka Area	3	8.37%	High
Cluster 3	Chennai – Kolkata Highway, Bayyavaram Area	1	1.32%	High

Congestion Level — High — Medium — Low

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Transit Movement across ICPs

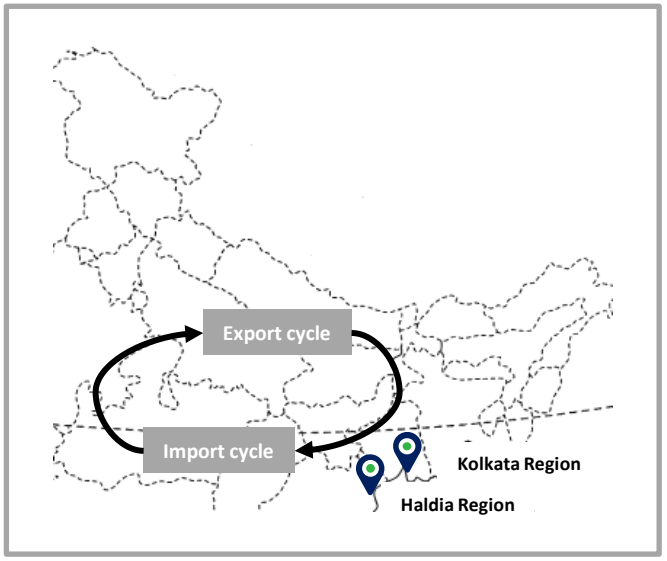
Transit movement across ICPs from Kolkata & Haldia Port Terminal for Sep'24:

Kolkata Port Terminal

Import Cycle	Mode	ICP Raxaul	ICP Jogbani
	Overall	105.2	104.1

Haldia Port Terminal

Import Cycle	Mode	ICP Raxaul	ICP Jogbani
	Overall	134.7	183.1



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06
ANNEXURE

Annexure – Terminal Names

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

Abb.	Terminal Name	Port Name
CCTL	Chennai Container Terminal Pvt. Ltd. (CCTL)	Chennai
CITPL	Chennai International Terminals Pvt Ltd (CITPL)	Chennai
ICTT	International Container 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	25	Pegasus Inland Container Depot
2	CONCOR ICD, Dadri	26	CONTAINER CORPORATION OF INDIA LTD - TONDIARPET (ICDTVT-T)
3	ICD KHODIYAR	27	Allcargo Logistics Park ICD, Dadri
4	ICD SANATHNAGAR	28	Kribhco ICD, Meerut
5	ICD WHITEFIELD	29	ICD Jajpur (Jindal Stainless Ltd.)
6	HTPL ICD Qilaraipur Ludhiana	30	MMLP VARNAMA
7	ICD DDL, LUDHIANA	31	MMLP BARHI
8	CONCOR Kanakpura ICD, Jaipur	32	Continental Warehousing Corporation Nhava Sheva pvt.
9	Gateway Rail ICD, Sahnewal	33	ICD KANPUR
10	Pristine ICD Chawapail , Ludhiana	34	CMA CGM Logistics Park, Dadri
11	ICD BGKT, JODHPUR	35	Albatross Inland Ports ICD, Dadri
12	ICD ANKLESHWAR	36	APM Terminals ICD, Dadri
13	Hind Terminals Logistics Park ICD, Palwal	37	APM Terminals Inland Services ICD Bhamboli
14	MMLP VISHAKAPATNAM	38	MMLP PANTHNAGAR (SIDCUL-CONCOR)
15	KLPL ICD, Kanpur	39	Gateway Rail Freight ICD, Pyala
16	The Thar Dry Port ICD Ahmedabad	40	ACTL ICD, Faridabad
17	MMLP KHATUWAS	41	MMLP BALLI
18	MMLP MIHAN	42	ICD KIFTPL Kashipur
19	ICD MANDIDEEP	43	Adani Logistics Park ICD, Gurgaon
20	Adani ICD, Tumb	44	ICD MAJHERHAT
21	CFS VALLARPADAM	45	ICD Sachana (CWC)
22	Vaishno Container Terminal-ICD Tarapur	46	ICD Pali (KIPL)
23	MMLP TIHI	47	Apeejay Logistics Park ICD Jajpur
24	ICD DAULATABAD		

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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	20	Landmark CFS, Mundra
2	Speedy Multimode CFS, JNPT	21	Kerry Indev Logistics Pvt Ltd CFS
3	Adani CFS Eximyard, Mundra	22	Balmer & Lawrie CFS, Navi Mumbai
4	Saurashtra CFS, Mundra	23	Ocean Gate CFS, Panvel
5	Ameya Logistics CFS, Navi Mumbai	24	AllCargo CFS, Mundra
6	CWC Conex Terminal CFS	25	Navkar Corporation Yard 2 CFS, Panvel
7	Punjab Conware CFS, Navi Mumbai	26	Transworld CFS, Mundra
8	Gateway Distriparks CFS, Navi Mumbai	27	Rishi CFS, Mundra
9	CWC CFS, Mundra	28	CWC Impex Park CFS, Navi Mumbai
10	JWC Logistics Park CFS	29	International Cargo Terminals (ULA) CFS, Navi Mumbai
11	TG Terminals CFS, Mundra	30	Sarveshwar CFS
12	Seabird CFS, Mundra	31	Honey Comb CFS, Mundra
13	Apollo Logisolutions CFS, Panvel	32	Hind Terminals Pvt. Ltd. CFS, Mundra
14	Mundhra CFS, Mundra	33	International Cargo Terminal CFS
15	MICT CFS, Mundra	34	JWR CFS
16	Ashte Logistics CFS, Panvel	35	LCL Logistics CFS, Pipavav
17	Seabird CFS, Navi Mumbai	36	Navkar Corporation Yard 1 CFS, Panvel
18	Ashutosh CFS, Mundra	37	Maharashtra State Corp CFS
19	EFC Logistics India		

Annexure – CFS Names - Southern & Eastern Region

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

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

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