Logistics Data Bank

ANALYTICS REPORT
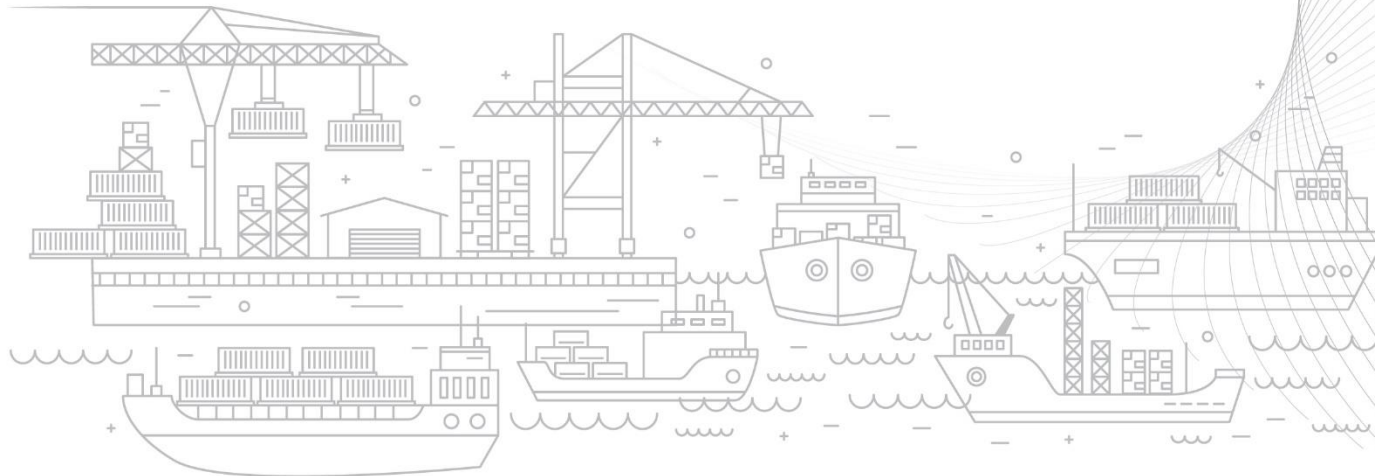
JANUARY - 2025

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

INDEX

LDB AT A GLANCE – JAN'25

KPIs		PAN INDIA	WESTERN REGION	EASTERN REGION	SOUTHERN REGION
VOLUME (IN BOXES)	Import	5.09 lakhs	3.59 lakhs	0.41 lakhs	1.09 lakhs
	Export	4.95 lakhs	3.67 lakhs	0.37 lakhs	0.91 lakhs
DWELL TIME	Import	30 hrs	24.3 hrs	58 hrs	41.9 hrs
	Export	89.3 hrs	89.6 hrs	99.4 hrs	85.1 hrs
TOP PERFORMER	TERMINAL	Bharat Mumbai Container Terminals (PSA), JNPA Port	Bharat Mumbai Container Terminals (PSA), JNPA Port	Kolkata Dock System (KDS), Kolkata Port	Chennai Container Terminal Pvt. Ltd. (CCTL)
	CFS	CWC Conex Terminal CFS	CWC Conex Terminal CFS	Balmer Lawrie CFS, Kolkata	Sical CFS, Chennai Tiruvallur, Tamil Nadu

80 MILLION⁺ Containers Handled

184 Toll Plaza Coverage

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

800+ Operators Deployed at Ports

100% EXIM Container Terminals Covered
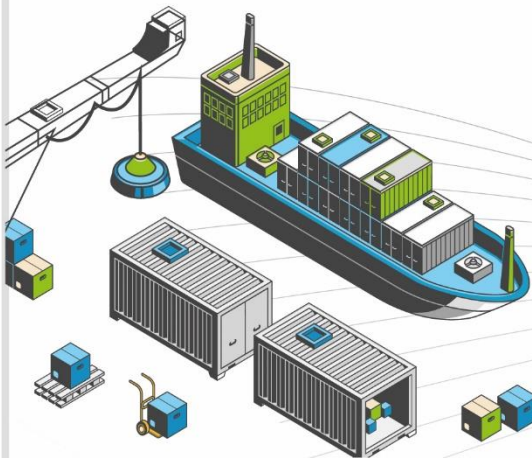
4300+ RFID Readers Deployed PAN India

EDI with FOIS and 30 Port Terminals

PAN INDIA PERFORMANCE
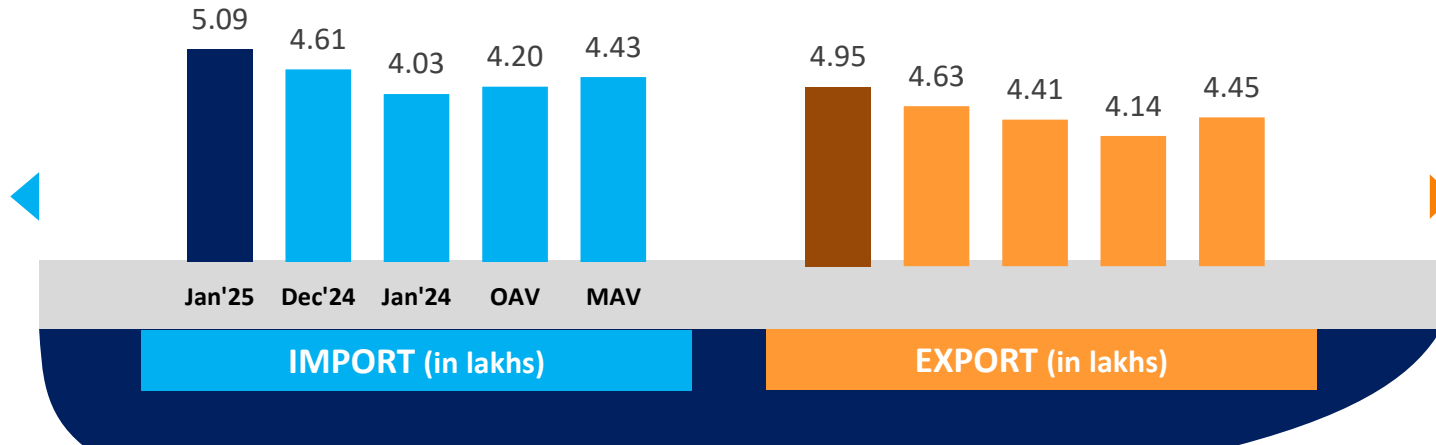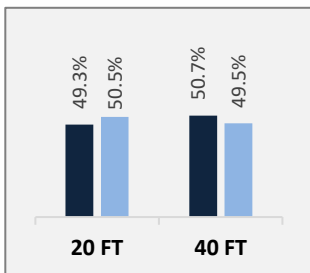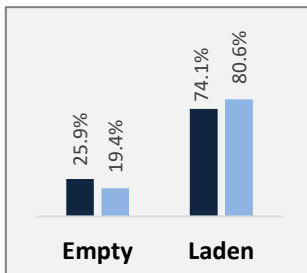
Container Count : **PAN India**

PAN India

Jan'25: 5.09 Dec'24: 4.61 Jan'24: 4.03 OAV: 4.20 MAV: 4.43

IMPORT (in lakhs)

Jan'25: 4.95 Dec'24: 4.63 Jan'24: 4.41 OAV: 4.14 MAV: 4.45

EXPORT (in lakhs)

Container Size-wise (Import)

	20 FT	40 FT
Jan'25	49.3%	50.7%
Dec'24	50.5%	49.5%

Container Type-wise (Import)

	Empty	Laden
Jan'25	25.9%	74.1%
Dec'24	19.4%	80.6%

Container Count - Annual Average (in lakhs/ month)

	2020	2021	2022	2023	2024
IMPORT	3.35	4.17	4.43	4.46	4.52
EXPORT	3.41	4.27	4.17	4.39	4.45

Container Size-wise (Export)

	20 FT	40 FT
Jan'25	50.6%	49.4%
Dec'24	51.3%	48.7%

Container Type-wise (Export)

	Empty	Laden
Jan'25	23.1%	76.9%
Dec'24	20.9%	79.1%

OAV – Overall Avg Volume
MAV – Monthly Avg Volume

PAN India Distribution

Distribution of EXIM containers for the month of January 2025 across all ports:

Import Containers Distribution (50.7%)
(Container count in % for Jan'25)

Mundra 29.3%
Chennai 9.9%
Kolkata 3.4%
Kattupalli 3.9%
Tuticorin 2.5%
Ennore 2.8%
Hazira 2.1%
Pipavav 1.3%
Visakhapatnam 3.0%
Kochi 1.9%
Others 2.5%
JNPA 37.4%
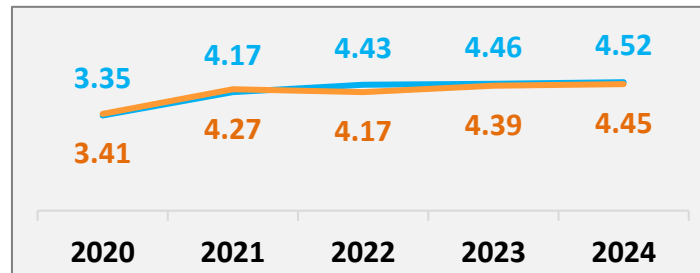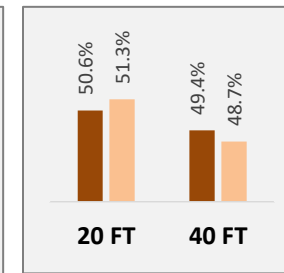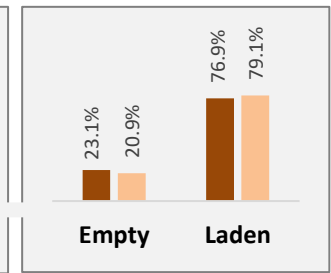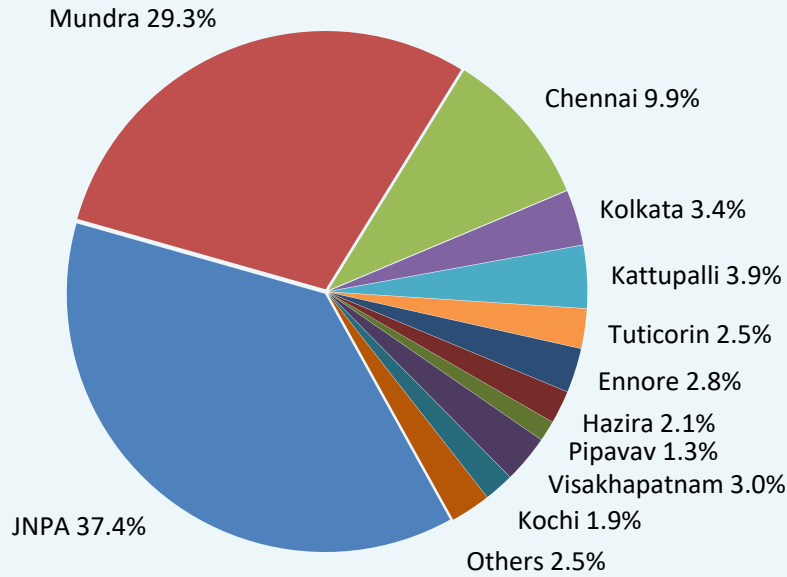
Export Volume Distribution (49.3%)
(Container count in % for Jan'25)

Mundra 34.8%
Chennai 9.3%
Kolkata 3.6%
Kattupalli 1.9%
Tuticorin 2.5%
Ennore 1.9%
Hazira 1.9%
Pipavav 0.4%
Visakhapatnam 2.8%
Kochi 1.9%
Others 2.2%
JNPA 36.8%
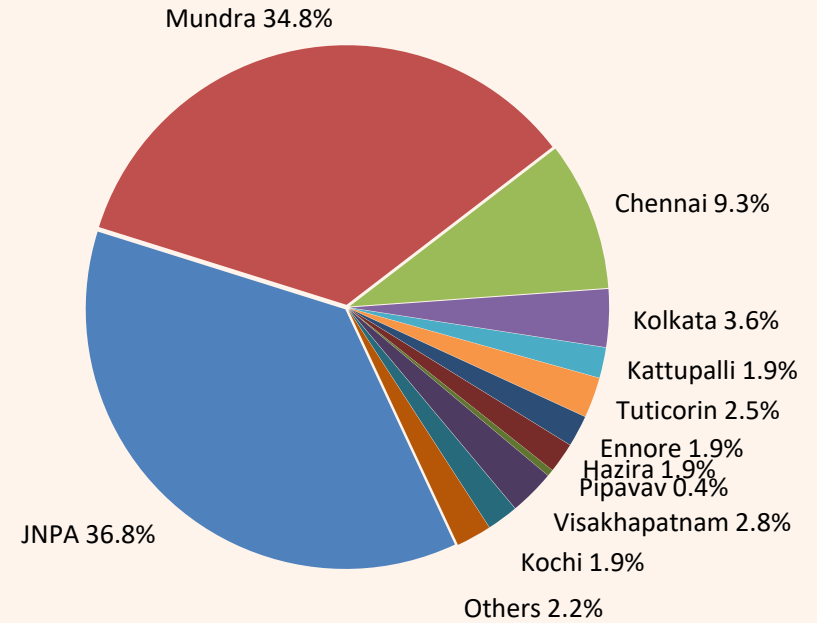
In the previous month, container distribution in Import and Export cycle was 49.9% and 50.1% respectively.

Others include Kandla, Haldia, Paradip, New Mangalore and Gangavaram.

Key Observations

In comparison with December 2024:

Pan India	• Container count (no. of boxes) has **increased by 10.2%** in import cycle with **increase** in all western, southern and eastern regions, by **9.5%, 13.1% and 9.2%** respectively. • Container count (no. of boxes) has **increased by 7.1%** in export cycle due to increase in western and southern regions, where the volume handled has **increase by 9.6% and 3.4%,** respectively. • Top performing terminal for this month is Bharat Mumbai Container Terminals (PSA).
Western Region	• Kandla port dwell time **performance has improved by 57%** in import cycle supported by a more efficient clearance process and improved coordination among stakeholders, leading to quicker container movement. • JNPA port dwell time **performance has reduced by 19%** in import cycle due to temporary congestion caused by extended trailer dispatch timelines from CFS, impacting turnaround efficiency. • Mundra CFS transit time **performance has reduced by 67%** in export cycle, primarily due to higher yard occupancy, leading to increased waiting time for container movement
Southern Region	• Ennore port dwell time **performance has improved by 29%** in import cycle and **improved by 14%** in export cycle attributed to optimized planning and proactive measures by stakeholders to manage container flow efficiently during seasonal variations. • Chennai CFS dwell time **performance has reduced by 21%** in import cycle a surge in container volumes by 23% compared to the previous month, temporarily impacting processing capacity. Additionally, adjustments in operational schedules during the festive period led to minor disruptions.
Eastern Region	• Kolkata port dwell time **performance has improved by 35%** in export cycle, better availability of port resources and improved workforce deployment, facilitating faster container movement. • Visakhapatnam port dwell time **performance has reduced by 17%** in import cycle, influenced by temporary constraints in truck availability, leading to delays in container movement.

Dwell Time Performance (January 2025): **PAN India**

NLDS
NICDC LOGISTICS DATA SERVICES LTD
Logistics Redefined

W
Western Region

E
Eastern Region

S
Southern Region

Ports/Regions

Hazira
Import	Export
29.6	110.8

Pipavav
Import	Export
59.9	113.8 ⬆

Kolkata
Import	Export
44.8	88.8 ⬇

Mundra
Import	Export
26.1 ⬇	106.2

Visakhapatnam
Import	Export
64.9 ⬆	91.6

Nhava Sheva (JNPA)
Import	Export
22.6 ⬆	77.2

Haldia
Import	Export
71.8 ⬇	168.0

Kandla
Import	Export
24.7 ⬇	85.4 ⬆

Chennai
Import	Export
41.1 ⬇	81.1 ⬇

Tuticorin
Import	Export
27.3 ⬇	69.4 ⬆

Ennore
Import	Export
38.0 ⬇	108.6 ⬇

Kochi
Import	Export
37.5	101.0

Kattupalli
Import	Export
64.1	131.9

New Mangalore
Import	Export
97.3 ⬆	71.4
47.0* ⬆	50.7*

Map labels: Kandla, Mundra, Pipavav, Nhava Sheva (JNPA), Hazira, Goa, New Mangalore, Kochi, Krishnapatnam, Ennore, Kattupalli, Chennai, Tuticorin, Kolkata, Haldia, Paradip, Visakhapatnam, Gangavaram

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

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

Western Region

Duration	Import Dwell Time (in hrs)	Export Dwell Time (in hrs)
Jan'25	24.3 ⬆	89.6 ⬆
Dec'24	23.8	86.3
Jan'24	21.4	87.3
OADT	25.5	91.5
MADT	23.3	91.5

Southern Region

Duration	Import Dwell Time (in hrs)	Export Dwell Time (in hrs)
Jan'25	41.9 ⬇	85.1 ⬇
Dec'24	49.3	94.8
Jan'24	51.0	86.8
OADT	42.9	86.7
MADT	46.5	86.6

Eastern Region

Duration	Import Dwell Time (in hrs)	Export Dwell Time (in hrs)
Jan'25	58.0 ⬆	99.4 ⬇
Dec'24	53.0	120.0
Jan'24	45.3	108.1
OADT	49.6	107.7
MADT	47.3	106.9

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

⬇ ⬆ Indicates decrease/ increase in dwell time from last month

Dwell Time Performance: **Port Import Cycle**

IMPORT		Jan'25 (in hrs)		Dec'24 (in hrs)	Jan'24 (in hrs)	OADT (in hrs)	MADT (in hrs)
	Western Region	**24.3**		**23.8**	**21.4**	**25.5**	**23.3**
	JNPA	22.6	⬆	19.0	18.6	22.1	21.2
	Mundra	26.1	⬇	29.9	24.5	28.7	24.8
	Pipavav	59.9	⬇	61.9	45.9	54.6	49.3
	Kandla	24.7	⬇	57.1	26.3	46.6	37.3
	Hazira	29.6	⬆	27.2	20.7	31.1	26.5
	Southern Region	**41.9**		**49.3**	**51.0**	**42.9**	**46.5**
	Chennai	41.1	⬇	49.7	50.6	45.3	49.7
	Kochi	37.5	⬇	38.3	35.8	41.8	44.3
	Kattupalli	64.1	⬇	69.3	55.6	56.8	60.2
	Tuticorin	27.3	⬇	33.1	47.4	22.4	27.4
	Ennore	38.0	⬇	53.6	53.6	44.4	45.6
	New Mangalore	47.0*	⬆	41.3*	85.5	73.8	66.9
	Eastern Region	**58.0**		**53.0**	**45.3**	**49.6**	**47.3**
	Visakhapatnam	64.9	⬆	55.5	45.4	58.9	54.6
	Kolkata	44.8	⬆	42.4	43.1	36.8	35.4
	Haldia	71.8	⬇	83.4	85.2	87.4	73.7

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

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

⬇ ⬆ Indicates decrease/ increase in dwell time from last month

Dwell Time Performance: **Port Export Cycle**

	Jan'25 (in hrs)		Dec'24 (in hrs)	Jan'24 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western Region	**89.6**		**86.3**	**87.3**	**91.5**	**91.5**
JNPA	77.2	⬆	74.0	68.1	74.3	74.4
Mundra	106.2	⬆	101.1	107.7	112.8	115.1
Pipavav	113.8	⬆	100.6	104.6	112.6	109.1
Kandla	85.4	⬆	58.1	84.8	109.5	120.8
Hazira	110.8	⬇	112.2	112.1	118.9	117.8
Southern Region	**85.1**		**94.8**	**86.8**	**86.7**	**86.6**
Chennai	81.1	⬇	99.0	92.8	91.5	90.5
Kochi	101.0	⬆	98.8	87.1	91.6	93.2
Kattupalli	131.9	⬇	143.2	82.6	95.6	97.3
Tuticorin	69.4	⬆	62.2	67.3	64.3	64.4
Ennore	108.6	⬇	125.9	105.6	101.7	105.5
New Mangalore	50.7*	⬇	53.4*	80.3	83.7	72.6
Eastern Region	**99.4**		**120.0**	**108.1**	**107.7**	**106.9**
Visakhapatnam	91.6	⬇	97.9	103.0	93.2	97.1
Kolkata	88.8	⬇	137.2	119.6	123.8	114.2
Haldia	168.0		168.0	99.4	128.9	139.7

EXPORT

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

PAN India   Page 12

Port Performance Comparison: **Import Cycle**

Port dwell time performance across various time frames:

Western Region
(Container count share 70.6%)
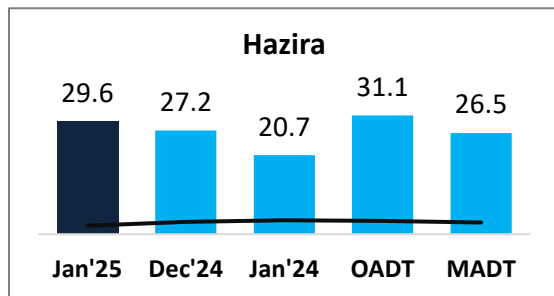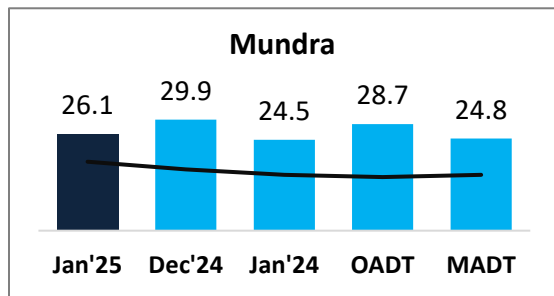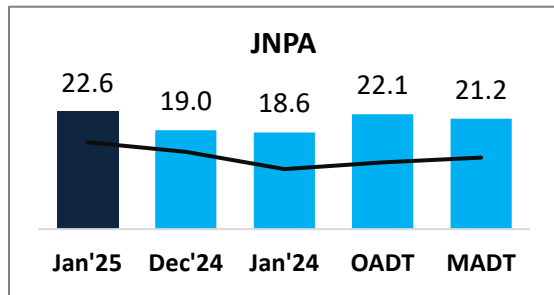
JNPA
	Jan'25	Dec'24	Jan'24	OADT	MADT
	22.6	19.0	18.6	22.1	21.2

Mundra
	Jan'25	Dec'24	Jan'24	OADT	MADT
	26.1	29.9	24.5	28.7	24.8

Hazira
	Jan'25	Dec'24	Jan'24	OADT	MADT
	29.6	27.2	20.7	31.1	26.5

Southern Region
(Container count share 21.4%)

Chennai
	Jan'25	Dec'24	Jan'24	OADT	MADT
	41.1	49.7	50.6	45.3	49.7

Kattupalli
	Jan'25	Dec'24	Jan'24	OADT	MADT
	64.1	69.3	55.6	56.8	60.2

Ennore
	Jan'25	Dec'24	Jan'24	OADT	MADT
	38.0	53.6	53.6	44.4	45.6

Eastern Region
(Container count share 8.0%)

Kolkata
	Jan'25	Dec'24	Jan'24	OADT	MADT
	44.8	42.4	43.1	36.8	35.4

Visakhapatnam
	Jan'25	Dec'24	Jan'24	OADT	MADT
	64.9	55.5	45.4	58.9	54.6

Haldia
	Jan'25	Dec'24	Jan'24	OADT	MADT
	71.8	83.4	85.2	87.4	73.7
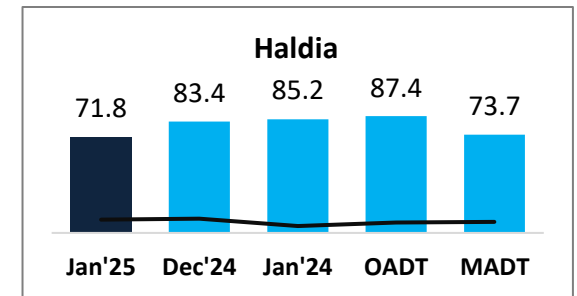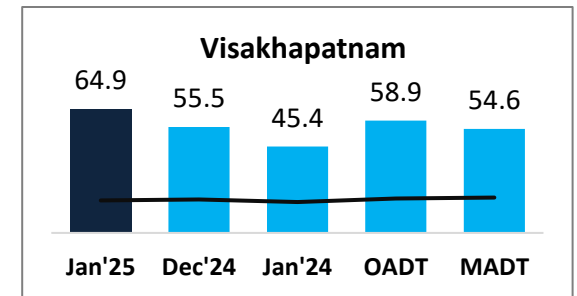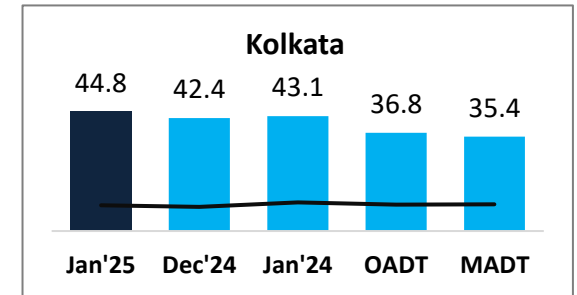
—— Represents the trend of container count (no. of boxes)
OADT – Overall Avg Dwell Time
MADT – Monthly Avg Dwell Time

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

Port Performance Comparison: **Export Cycle**

Port dwell time performance across various time frames:

Western Region
(Container count share 74.2%)
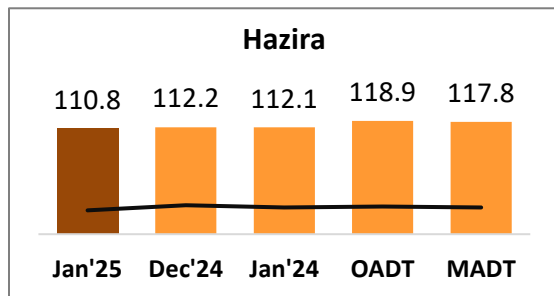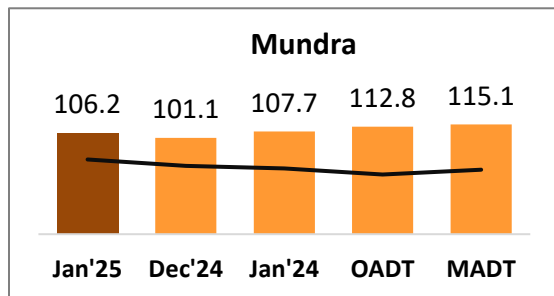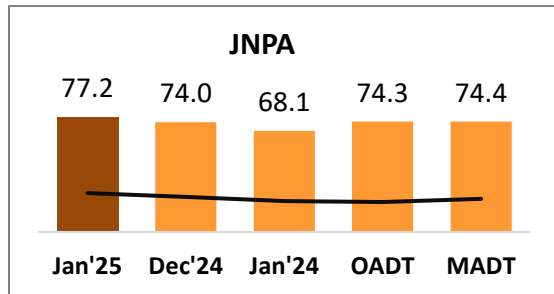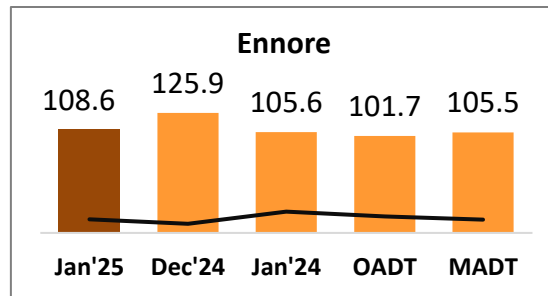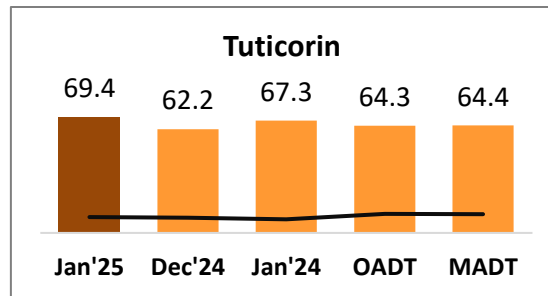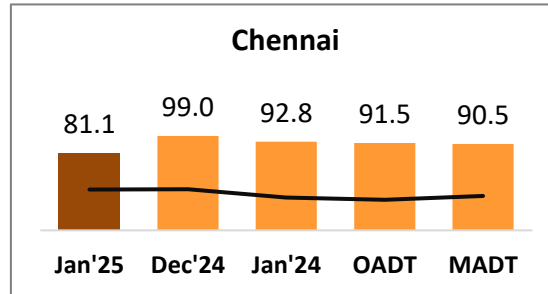
JNPA

Jan'25	Dec'24	Jan'24	OADT	MADT
77.2	74.0	68.1	74.3	74.4

Mundra

Jan'25	Dec'24	Jan'24	OADT	MADT
106.2	101.1	107.7	112.8	115.1

Hazira

Jan'25	Dec'24	Jan'24	OADT	MADT
110.8	112.2	112.1	118.9	117.8

Southern Region
(Container count share 18.3%)

Chennai

Jan'25	Dec'24	Jan'24	OADT	MADT
81.1	99.0	92.8	91.5	90.5

Tuticorin

Jan'25	Dec'24	Jan'24	OADT	MADT
69.4	62.2	67.3	64.3	64.4

Ennore

Jan'25	Dec'24	Jan'24	OADT	MADT
108.6	125.9	105.6	101.7	105.5

Eastern Region
(Container count share 7.5%)

Kolkata

Jan'25	Dec'24	Jan'24	OADT	MADT
88.8	137.2	119.6	123.8	114.2

Visakhapatnam

Jan'25	Dec'24	Jan'24	OADT	MADT
91.6	97.9	103.0	93.2	97.1

Haldia

Jan'25	Dec'24	Jan'24	OADT	MADT
168.0	168.0	99.4	128.9	139.7
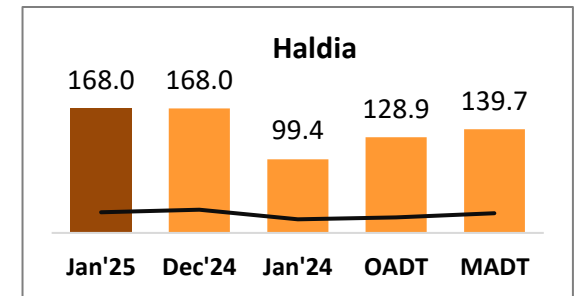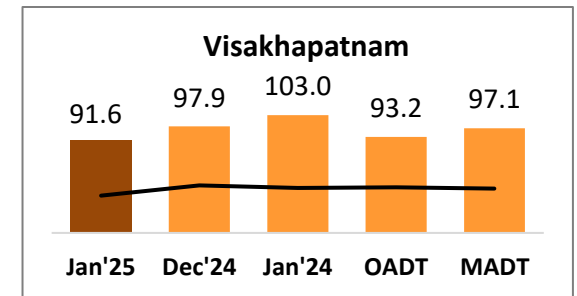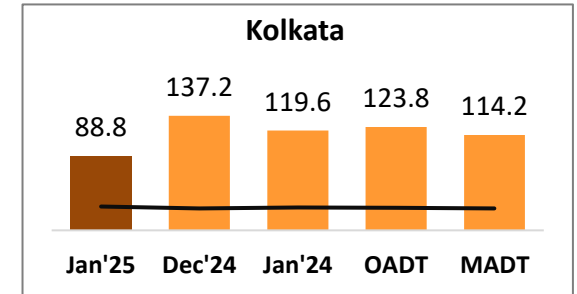
—— Represents the trend of container count (no. of boxes)
OADT – Overall Avg Dwell Time
MADT – Monthly Avg Dwell Time

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

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

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

DPD

IMPORT	Jan'25 (in hrs)		Dec'24 (in hrs)	Jan'24 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	21.9	🔺	18.3	18.7	29.1	24.0
Southern	62.9	🔺	52.9	95.6	51.1	60.9
Eastern	118.3	🔺	96.1	97.4	82.7	84.8

Non DPD

IMPORT	Jan'25 (in hrs)		Dec'24 (in hrs)	Jan'24 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	24.5	🔺	24.3	21.7	24.3	22.8
Southern	40.8	🔻	48.9	48.9	38.3	41.6
Eastern	52.2	🔺	49.2	40.0	47.4	45.0

DPE

EXPORT	Jan'25 (in hrs)		Dec'24 (in hrs)	Jan'24 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	78.4	🔺	73.2	70.5	77.5	77.3
Southern	-		-	85.3	90.3	86.9
Eastern	117.5	🔻	139.1	132.3	122.4	121.9

Non DPE

EXPORT	Jan'25 (in hrs)		Dec'24 (in hrs)	Jan'24 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	91.7	🔺	88.6	90.2	83.2	84.4
Southern	88.3	🔻	99.5	85.5	84.1	85.0
Eastern	86.6	🔻	110.0	93.5	92.8	95.5

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

🔻 🔺 Indicates decrease/ increase in dwell time from last month

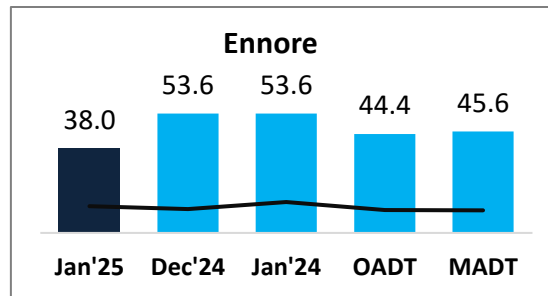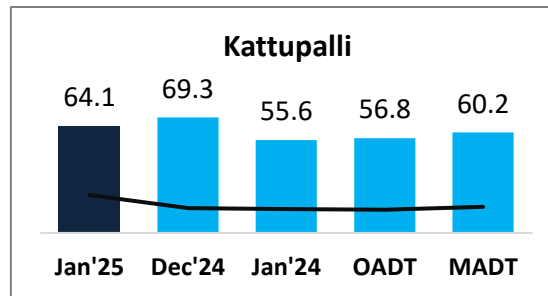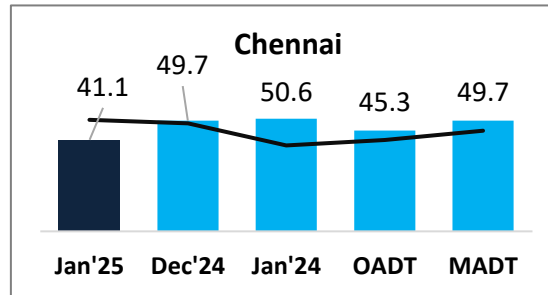# Dwell Time Performance: **Container Size – Region wise**

Port dwell time of containers based on container size:

40 FT

IMPORT

	Jan'25 (in hrs)		Dec'24 (in hrs)	Jan'24 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	24.8	⬆	22.8	20.9	25.6	23.5
Southern	41.7	⬇	48.6	53.1	40.9	45.3
Eastern	55.6	⬆	49.8	44.0	44.5	43.5

20 FT

IMPORT

	Jan'25 (in hrs)		Dec'24 (in hrs)	Jan'24 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	23.6	⬇	24.8	21.8	25.5	23.1
Southern	42.1	⬇	50.0	49.1	44.4	47.5
Eastern	58.8	⬆	55.0	45.9	52.8	49.9

40 FT

EXPORT

	Jan'25 (in hrs)		Dec'24 (in hrs)	Jan'24 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	88.7	⬆	86.2	88.3	91.1	91.1
Southern	89.3	⬇	97.9	92.0	89.8	89.9
Eastern	102.6	⬇	120.0	91.8	108.5	102.0

20 FT

EXPORT

	Jan'25 (in hrs)		Dec'24 (in hrs)	Jan'24 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	90.5	⬆	86.5	86.4	91.9	91.9
Southern	80.0	⬇	91.7	81.8	83.6	83.3
Eastern	97.9	⬇	120.0	114.2	107.2	108.5

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

⬇ ⬆ Indicates decrease/ increase in dwell time from last month

Dwell Time Performance: **Container State – Region wise**

Port dwell time of containers based on container state:

Empty (IMPORT)

IMPORT	Jan'25 (in hrs)		Dec'24 (in hrs)	Jan'24 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	25.4	⬇	26.8	24.6	30.8	25.8
Southern	37.4	⬇	44.2	48.4	35.8	42.0
Eastern	72.0	⬆	69.1	44.7	62.6	54.8

Laden (IMPORT)

IMPORT	Jan'25 (in hrs)		Dec'24 (in hrs)	Jan'24 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	23.8	⬆	22.7	20.7	23.6	22.3
Southern	38.2	⬇	45.7	49.5	41.7	45.0
Eastern	55.5	⬆	51.3	45.1	50.0	49.3

Empty (EXPORT)

EXPORT	Jan'25 (in hrs)		Dec'24 (in hrs)	Jan'24 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	70.8	⬇	73.6	68.0	68.7	68.0
Southern	77.2	⬇	86.8	89.2	77.2	78.3
Eastern	54.2	⬇	73.2	48.1	56.3	53.7

Laden (EXPORT)

EXPORT	Jan'25 (in hrs)		Dec'24 (in hrs)	Jan'24 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western	94.5	⬆	89.9	94.5	92.6	93.9
Southern	77.4	⬇	87.8	81.8	86.9	86.9
Eastern	114.5	⬇	130.8	120.7	115.9	117.9

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

⬇ ⬆ Indicates decrease/ increase in dwell time from last month

Vessel Analysis: **PAN India**
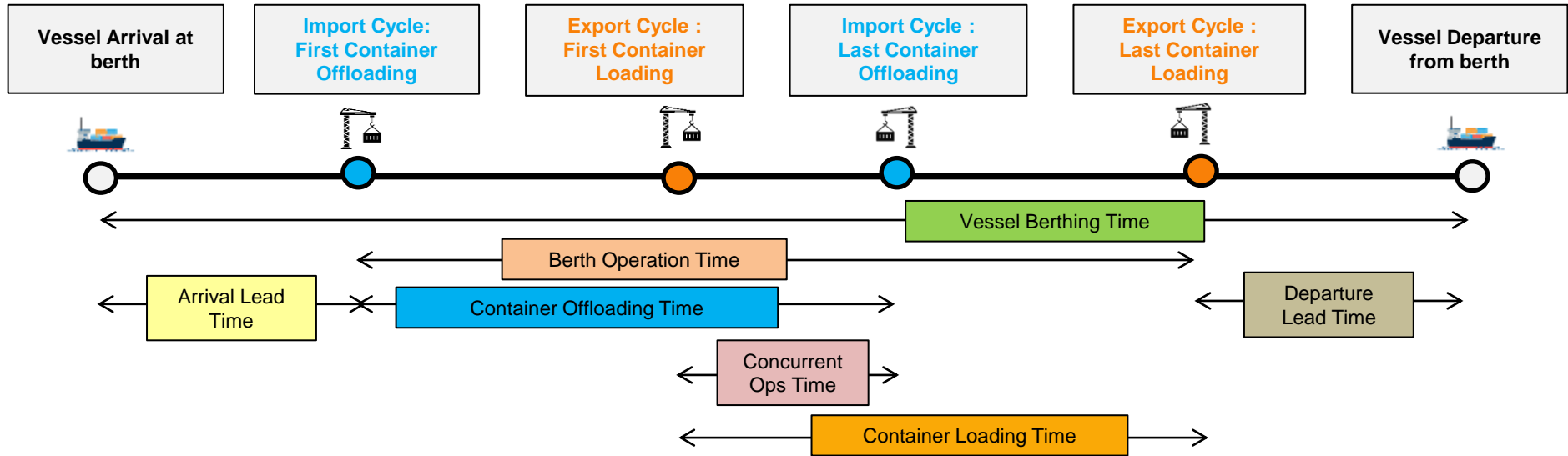
Jan'25	Vessel Berthing Time (in Hrs.)	Arrival Lead Time (in Hrs.)	Offloading Time (Minutes/ Cntr)	Berth Productivity (Minutes/ Cntr)	Loading Time (Minutes/ Cntr)	Concurrent Operations Time (%)	Departure Lead Time (in Hrs.)
PAN India	22.1	1.8	3.0	1.9	2.2	51.6%	1.4
Mundra	24.7	2.3	2.9	1.7	1.6	56.1%	1.3
JNPA	21.6	1.1	2.4	1.5	2.1	55.1%	1.0
Other Western	21.2	2.5	2.7	1.5	6.6	81.3%	1.2
Southern	22.9	1.8	2.7	1.7	2.5	34.6%	1.6
Eastern	18.8	1.3	6.5	4.4	4.9	41.5%	3.6

Performance Benchmarking: **PAN India Terminals**

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

Performance Index – Jan'25

Star Performer ★ ★ ★   ★ ★ Slow Bulk Mover

No. of Boxes — High / Low

Dwell Time — High / Low

Low   High Potential ★ ★   ● Western   ● Southern   ● Eastern   ★ Needs Improvement

Abb.	Terminals	Container count
A	Adani CMA Mundra Terminal (ACMTPL)	4.58%
B	Adani Hazira Port Private Limited (AHPPL)	1.98%
C	Adani International Container Terminal (AICTPL)	7.49%
D	Adani Mundra Container Terminal (AMCT)	5.59%
E	Bharat Mumbai Container Terminals(PSA)	11.68%
F	Gateway Terminals India (GTI)	10.94%
G	APM Terminals Pipavav, Gujarat	0.85%
H	Nhava Sheva Freeport Terminal (NSFT)	2.63%
I	Mundra International Container Terminal (MICT)	8.89%
J	Nhava Sheva India Gateway Terminal (NSIGT)	5.22%
K	Nhava Sheva International Container Terminal (NSICT)	6.64%
L	Kandla International Container Terminal (KICT)	0.41%
M	Adani Mundra Container Terminal-2 (AMCT-2)	5.67%
N	Chennai Container Terminal Pvt. Ltd. (CCTL)	4.40%
O	Chennai International Terminals Pvt Ltd (CITPL)	5.23%
P	Dakshin Bharat Gateway Terminal (DBGT)	2.50%
Q	International Container Transhipment Terminal, Kochi	1.91%
R	Adani Kattupalli Port Private Limited (AKPPL)	2.93%
S	PSA SICAL Terminals	-
T	Mangalore Container Terminal Private Limited (MCTPL)*	0.66%
U	Adani Ennore Container Terminal	2.38%
V	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)	-
W	Haldia International Container Terminal (HICT)	0.97%
X	Kolkata Dock System (KDS) , Kolkata Port	3.54%
Y	Visakha Container Terminal	2.91%

X-Axis: Dwell Time
Threshold value (in hours): 63.6

Y-Axis: No. of Boxes
Threshold value (no. of boxes): 43,377

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

Star Performer ★ ★ ★	High Potential ★ ★	Slow Bulk Movers ★ ★	Needs Improvement ★
Entities with high container count and low dwell time	Entities with low container count and low dwell time	Entities with high container count and high dwell time	Entities with low container count and high dwell time

NLDS
NICDC LOGISTICS DATA SERVICES LTD
Logistics Redefined

Performance benchmarking of terminals based on dwell time, container count (no. of boxes) handled, and terminal capacity for Jan'25:

Star Performer ★ ★ ★

No. of Boxes — High

★ ★ **Slow Bulk Mover**

BMCT

GTI

MICT

AICT

NSICT

AMCT-2

NSIGT

AMCT

CITPL

ACMTPL

Dwell Time — **High**

Low

CCTL

KDS

NSFT

VCTPL AKPPL

DBGT

ICTT AECT

AHPPL

KICT

APM

HICT

NMPT

Low

High Potential ★ ★

● Western ● Southern ● Eastern

★ **Needs Improvement**

X-Axis: Dwell Time
Threshold value (in hours): 63.6

◯ Bubble size represents the terminal capacity

Y-Axis: No. of Boxes
Threshold value (no. of boxes): 43,377

Star Performer ★ ★ ★

Entities with high container count and low dwell time

High Potential ★ ★

Entities with low container count and low dwell time

Slow Bulk Movers ★ ★

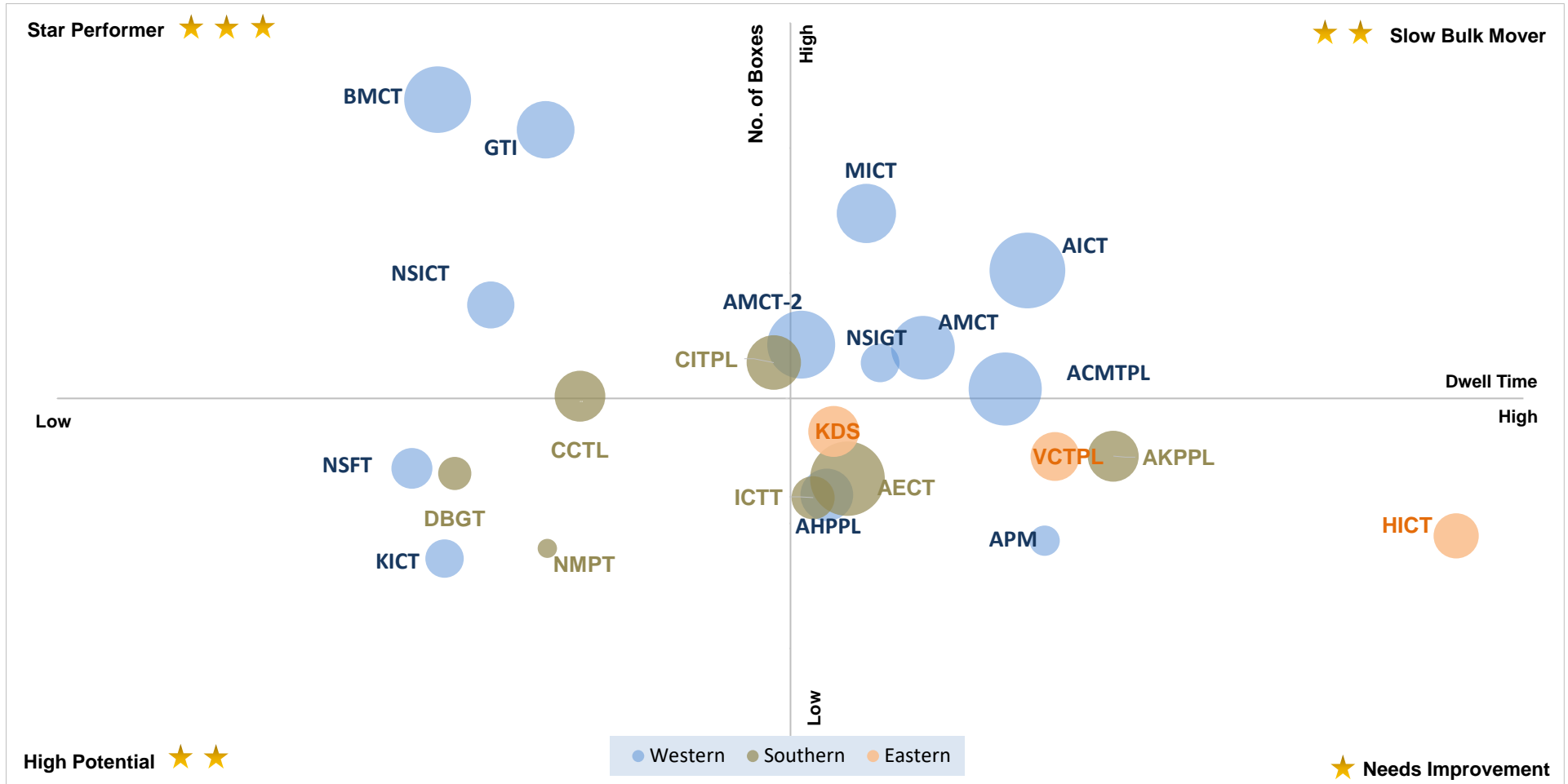Entities with high container count and high dwell time

Needs Improvement ★

Entities with low container count and high dwell time

Note: Terminal abbreviation details are mentioned in annexure

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

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

Performance Index – Jan'25

Star Performer ⭐⭐⭐   Slow Bulk Mover ⭐⭐

High Potential ⭐⭐   Needs Improvement ⭐

● Western ● Southern ● Eastern

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)	4.58%
B	Adani Hazira Port Private Limited (AHPPL)	1.98%
C	Adani International Container Terminal (AICTPL)	7.49%
D	Adani Mundra Container Terminal (AMCT)	5.59%
E	Bharat Mumbai Container Terminals(PSA)	11.68%
F	Gateway Terminals India (GTI)	10.94%
G	APM Terminals Pipavav, Gujarat	0.85%
H	Nhava Sheva Freeport Terminal (NSFT)	2.63%
I	Mundra International Container Terminal (MICT)	8.89%
J	Nhava Sheva India Gateway Terminal (NSIGT)	5.22%
K	Nhava Sheva International Container Terminal (NSICT)	6.64%
L	Kandla International Container Terminal (KICT)	0.41%
M	Adani Mundra Container Terminal-2 (AMCT-2)	5.67%
N	Chennai Container Terminal Pvt. Ltd. (CCTL)	4.40%
O	Chennai International Terminals Pvt Ltd (CITPL)	5.23%
P	Dakshin Bharat Gateway Terminal (DBGT)	2.50%
Q	International Container Transhipment Terminal, Kochi	1.91%
R	Adani Kattupalli Port Private Limited (AKPPL)	2.93%
S	PSA SICAL Terminals	-
T	Mangalore Container Terminal Private Limited (MCTPL)*	0.66%
U	Adani Ennore Container Terminal	2.38%
V	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)	-
W	Haldia International Container Terminal (HICT)	0.97%
X	Kolkata Dock System (KDS) , Kolkata Port	3.54%
Y	Visakha Container Terminal	2.91%

Star Performer ⭐⭐⭐
Entities with high container count and low dwell time

High Potential ⭐⭐
Entities with low container count and low dwell time

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

Needs Improvement ⭐
Entities with low container count and high dwell time

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

Performance Index –Jan'25

Star Performer ★ ★ ★

Slow Bulk Mover ★ ★

TEU Capacity — High / Low

Dwell Time — Low / High

● Western   ● Southern   ● Eastern

High Potential ★ ★

Needs Improvement ★

X-Axis: Dwell Time
*Note: For MCTPL the free time is not included in the calculations

Y-Axis: TEU Capacity

Abb.	Terminals	Container count
A	Adani CMA Mundra Terminal (ACMTPL)	4.58%
B	Adani Hazira Port Private Limited (AHPPL)	1.98%
C	Adani International Container Terminal (AICTPL)	7.49%
D	Adani Mundra Container Terminal (AMCT)	5.59%
E	Bharat Mumbai Container Terminals(PSA)	11.68%
F	Gateway Terminals India (GTI)	10.94%
G	APM Terminals Pipavav, Gujarat	0.85%
H	Nhava Sheva Freeport Terminal (NSFT)	2.63%
I	Mundra International Container Terminal (MICT)	8.89%
J	Nhava Sheva India Gateway Terminal (NSIGT)	5.22%
K	Nhava Sheva International Container Terminal (NSICT)	6.64%
L	Kandla International Container Terminal (KICT)	0.41%
M	Adani Mundra Container Terminal-2 (AMCT-2)	5.67%
N	Chennai Container Terminal Pvt. Ltd. (CCTL)	4.40%
O	Chennai International Terminals Pvt Ltd (CITPL)	5.23%
P	Dakshin Bharat Gateway Terminal (DBGT)	2.50%
Q	International Container Transhipment Terminal, Kochi	1.91%
R	Adani Kattupalli Port Private Limited (AKPPL)	2.93%
S	PSA SICAL Terminals	-
T	Mangalore Container Terminal Private Limited (MCTPL)*	0.66%
U	Adani Ennore Container Terminal	2.38%
V	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)	-
W	Haldia International Container Terminal (HICT)	0.97%
X	Kolkata Dock System (KDS) , Kolkata Port	3.54%
Y	Visakha Container Terminal	2.91%

Star Performer ★ ★ ★
Entities with high TEU capacity and low dwell time

High Potential ★ ★
Entities with low TEU capacity and low dwell time

Slow Bulk Mover ★ ★
Entities with high TEU capacity and high dwell time

Needs Improvement ★
Entities with low TEU capacity and high dwell time

Terminal Performance Comparison by Container Count:

Terminals performance comparison with respect to the container count (no. of boxes) handled is as below:

Terminals Handling the Maximum Number of Containers

IMPORT

Terminals	Container Count (no. of boxes)
Bharat Mumbai Container Terminals (PSA)	61,114
Gateway Terminals India (GTI)	55,975
Mundra International Container Terminal (MICT)	43,865

EXPORT

Terminals	Container Count (no. of boxes)
Bharat Mumbai Container Terminals(PSA)	55,456
Gateway Terminals India (GTI)	53,188
Mundra International Container Terminal (MICT)	44,787

Terminals Handling the Minimum Number of Containers

IMPORT

Terminals	Container Count (no. of boxes)
Kandla International Container Terminal (KICT)	2,744
Haldia International Container Terminal (HICT)	5,033
New Mangalore Port Trust	5,734

EXPORT

Terminals	Container Count (no. of boxes)
Kandla International Container Terminal (KICT)	1,387
Pipavav Port	2,036
Haldia International Container Terminal (HICT)	4,675

Dwell Time Performance: **CFS Import Cycle**

	Jan'25 (in hrs)		Dec'24 (in hrs)	Jan'24 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western Region	**90.7**		**85.3**	**99.6**	**92.0**	**90.2**
JNPA	82.7	🔴	78.0	93.8	85.0	83.9
Mundra	98.4	🟢	98.8	110.7	101.5	99.3
Pipavav	70.7	🟢	70.9	81.0	84.6	85.6
Hazira	102.3	🟢	120.0	93.4	104.8	92.2
Southern Region	**141.8**		**120.9**	**141.2**	**128.8**	**133.9**
Chennai, Ennore, Kattupalli	138.1	🔴	114.6	135.5	120.4	130.1
Kochi	127.1	🔴	125.3	146.1	124.3	124.5
Tuticorin	168.4	🔴	161.6	163.1	166.7	156.6
Eastern Region	**158.9**		**143.9**	**164.1**	**147.8**	**147.9**
Visakhapatnam	194.9	🔴	176.5	171.5	171.1	171.5
Kolkata	146.8	🔴	134.6	157.3	140.1	142.2
Haldia	147.2	🔴	141.8	187.5	143.5	130.8

IMPORT

Below are number of CFSs across various ports:

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

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

🟢 🔴 Indicates decrease/ increase in dwell time from last month

Dwell Time Performance: **CFS Export Cycle**

EXPORT

	Jan'25 (in hrs)		Dec'24 (in hrs)	Jan'24 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western Region	**58.8**		**62.3**	**62.7**	**67.1**	**64.3**
JNPA	60.9	⬇	67.3	69.5	74.2	71.6
Mundra	57.5	⬆	57.2	55.1	58.6	56.4
Pipavav	-		-	77.5	69.9	77.2
Southern Region	**43.7**		**45.2**	**39.2**	**39.4**	**39.8**
Chennai, Ennore, Kattupalli	51.7	⬇	55.3	49.2	45.2	48.1
Tuticorin	24.4	⬇	26.6	24.9	25.1	24.1
Kochi	25.1	⬇	26.4	52.8	34.3	32.7
Eastern Region	**79.3**		**82.5**	**100.6**	**95.3**	**92.0**
Visakhapatnam	75.5	⬇	81.9	78.9	82.7	79.9
Kolkata	81.6	⬇	83.2	122.2	103.8	97.4
Haldia	80.4		-	-	97.3	93.1

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

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

Top Performing CFS

CWC Conex Terminal CFS

Saurashtra CFS, Mundra

Phonex CFS

High Potential CFS

Sattva Hi-Tech And Conware CFS, Chennai

Raja Agencies CFS

Low Performing CFS

Sravan CFS-2

Hari CFS

Kerry Indev Logistics ICD, Kanchipuram

Performance Index – Jan'25

Star Performer ⭐⭐⭐

Slow Bulk Mover ⭐⭐

Phonex CFS

Saurashtra CFS, Mundra

CWC Conex Terminal CFS

No. of Boxes — High

Dwell Time — High

Sravan CFS-2

Low

Sattva Hi-Tech And Conware CFS, Chennai

Raja Agencies CFS

Kerry Indev Logistics ICD, Kanchipuram

Hari CFS

High Potential ⭐⭐

Needs Improvement ⭐

Low

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 Mover ⭐⭐
Entities with high container count and high dwell time

Needs Improvement ⭐
Entities with low container count and high dwell time

Dwell Time Performance: **ICD Import & Export Cycle**

IMPORT

	Jan'25 (in hrs)		Dec'24 (in hrs)	Jan'24 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western Region	150.8	⬆	120.8	163.6	128.9	144.9
Southern Region	158.4	⬇	165.3	148.9	126.6	154.0
Eastern Region	82.3		-	121.1	106.8	110.0
Northern Region	142.1	⬆	127.1	128.2	129.2	133.2

EXPORT

	Jan'25 (in hrs)		Dec'24 (in hrs)	Jan'24 (in hrs)	OADT (in hrs)	MADT (in hrs)
Western Region	104.0	⬇	105.2	85.9	100.8	99.3
Southern Region	111.6	⬇	121.3	-	117.4	111.5
Eastern Region	115.6	⬆	110.5	-	114.5	115.5
Northern Region	104.6	⬆	103.7	115.6	100.5	102.4

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

Note: Southern and Eastern Region ICD Export Dwell Time is available from Dec'24

⬇ ⬆ Indicates decrease/ increase in dwell time from last month

ICD Performance Benchmarking: **PAN India**

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

X-Axis: Dwell Time

Y-Axis: No. of Boxes
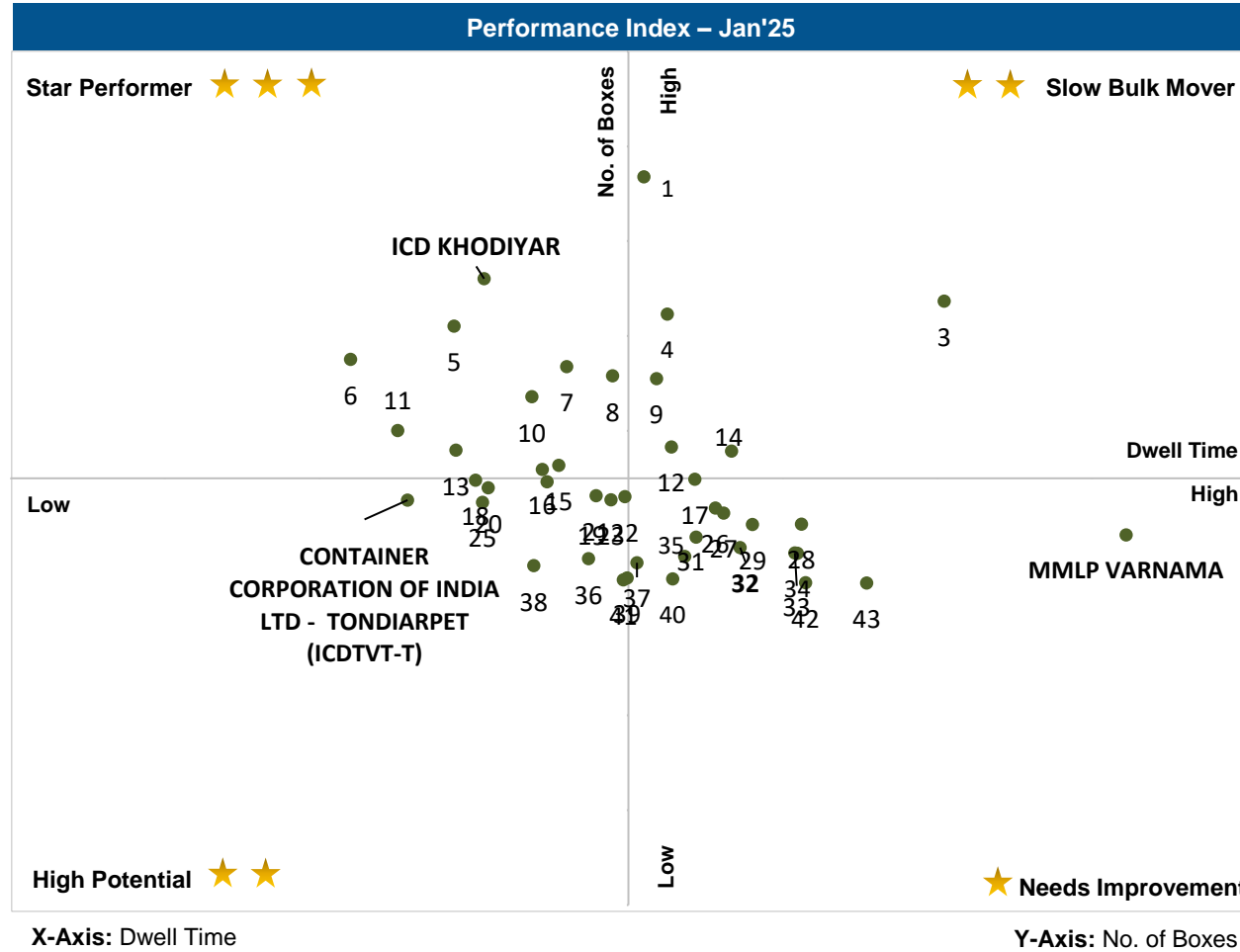
Note:
Please refer annexure for ICD names

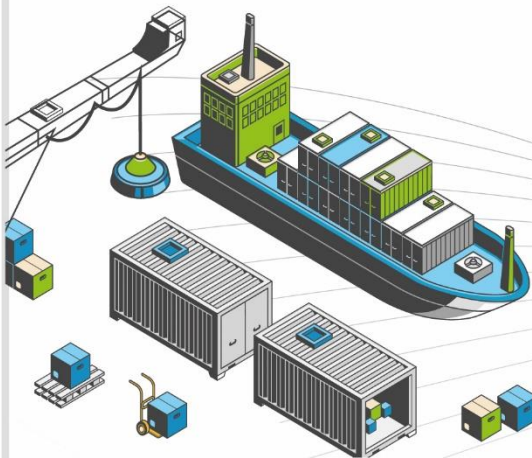# Dwell Time Performance: **Domestic Containers**

Terminal dwell time performance for handling domestic containers:

Terminals	Dwell time for handling domestic containers			Overall domestic containers distribution among terminals	
	Jan'25 (in hrs)		Dec'24 (in hrs)	Jan'25 (%)	Dec'24 (%)
International Container Transhipment Terminal, Kochi	72.0	⬆	69.5	31.96%	31.40%
Visakha Container Terminal	52.6	⬇	65.4	11.43%	14.10%
Bharat Mumbai Container Terminals(PSA)	6.1	⬇	10.1	5.95%	7.00%
Nhava Sheva Freeport Terminal (NSFT)	16.5	⬆	10.1	9.50%	6.90%
Mangalore Container Terminal Private Limited (MCTPL)	75.4	⬆	66.2	7.00%	7.80%
Kandla International Container Terminal (KICT)	217.8	⬆	202.0	5.81%	4.50%
Chennai Container Terminal Pvt. Ltd. (CCTL)	109.3	⬇	133.8	5.97%	6.70%
Dakshin Bharat Gateway Terminal (DBGT)	24.6	⬇	65.3	3.76%	3.40%
Haldia International Container Terminal (HICT)	120.0	⬆	97.9	1.37%	2.90%
Kolkata Dock System (KDS) , Kolkata Port	97.3	⬇	101.5	2.92%	2.40%
Nhava Sheva India Gateway Terminal (NSIGT)	68.5	⬇	76.7	10.00%	5.60%
Nhava Sheva International Container Terminal (NSICT)	69.0	⬆	53.5	3.14%	6.60%
Paradip International Cargo Terminal	39.8	⬆	34.9	1.19%	0.70%

Terminal handling highest domestic containers

⬇ ⬆ Indicates decrease/ increase in dwell time from last month

WESTERN REGION PERFORMANCE

Container Count: **Western Region**

Western Region
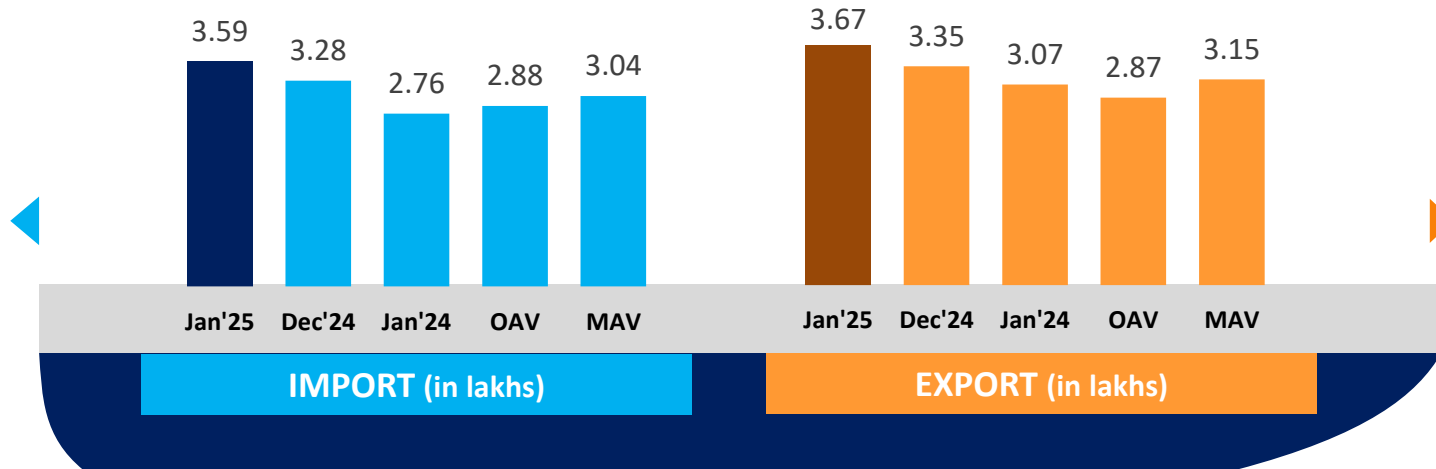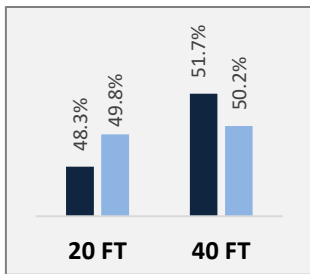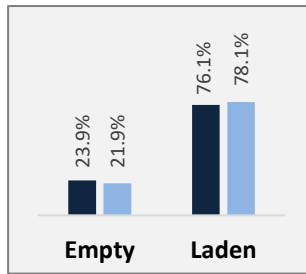
IMPORT (in lakhs)

Jan'25	Dec'24	Jan'24	OAV	MAV
3.59	3.28	2.76	2.88	3.04

EXPORT (in lakhs)

Jan'25	Dec'24	Jan'24	OAV	MAV
3.67	3.35	3.07	2.87	3.15

Container Size-wise (Import)

	20 FT	40 FT
Jan'25	48.3%	51.7%
Dec'24	49.8%	50.2%

Container Type-wise (Import)

	Empty	Laden
Jan'25	23.9%	76.1%
Dec'24	21.9%	78.1%

Container Count - Annual Average (in lakhs/ month)

	2020	2021	2022	2023	2024
IMPORT	2.14	2.80	3.08	3.10	3.18
EXPORT	2.38	2.94	2.91	3.05	3.12

Container Size-wise (Export)

	20 FT	40 FT
Jan'25	50.1%	49.9%
Dec'24	50.4%	49.6%

Container Type-wise (Export)

	Empty	Laden
Jan'25	16.3%	83.7%
Dec'24	17.6%	82.4%
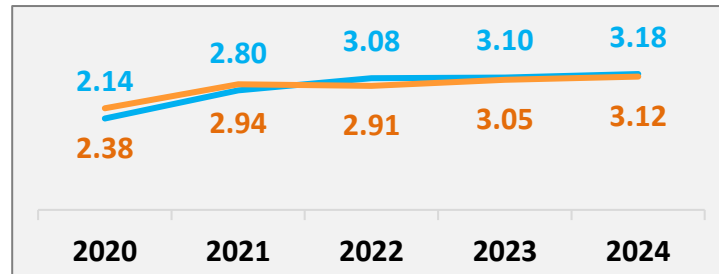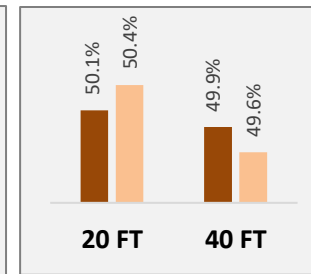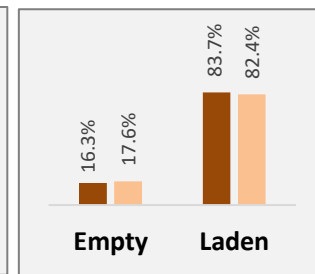
OAV – Overall Avg Volume
MAV – Monthly Avg Volume

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

Western Region

	Jan'25	Dec'24	Jan'24	OADT	MADT
	24.3	23.8	21.4	25.5	23.3

PAN India Import Dwell Time

30.0 Hrs.
(Jan'25)

JNPA

	Jan'25	Dec'24	Jan'24	OADT	MADT
	22.6	19.0	18.6	22.1	21.2

Mundra

	Jan'25	Dec'24	Jan'24	OADT	MADT
	26.1	29.9	24.5	28.7	24.8

IMPORT

	NSFT	NSICT	GTI	NSIGT	BMCT
	23.6	29.7	20.6	32.6	18.6
	13.7	19.6	19.6	27.8	16.4
	16.0	17.4	14.3	24.0	22.2
	29.2	23.5	18.3	24.3	22.1
	27.1	22.8	17.1	24.0	21.7

	ACMTPL	AMCT-2	AICTPL	AMCT	MICT
	30.5	21.7	26.0	23.1	29.8
	33.1	24.8	32.2	27.2	30.5
	24.0	21.5	34.8	18.0	22.7
	29.6	24.2	38.3	22.9	27.2
	26.6	20.9	29.5	19.9	25.6

Pipavav

	Jan'25	Dec'24	Jan'24	OADT	MADT
	59.9	61.9	45.9	54.6	49.3

Hazira

	Jan'25	Dec'24	Jan'24	OADT	MADT
	29.6	27.2	20.7	31.1	26.5

Kandla

	Jan'25	Dec'24	Jan'24	OADT	MADT
	24.7	57.1	26.3	46.6	37.3

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

Note:
All values are in hours

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

Western Region (W)

EXPORT

	Jan'25	Dec'24	Jan'24	OADT	MADT
Western Region	89.6	86.3	87.3	91.5	91.5

PAN India Export Dwell Time
89.3 Hrs.
(Jan'25)

JNPA

	Jan'25	Dec'24	Jan'24	OADT	MADT
JNPA	77.2	74.0	68.1	74.3	74.4

Mundra

	Jan'25	Dec'24	Jan'24	OADT	MADT
Mundra	106.2	101.1	107.7	112.8	115.1

JNPA Terminals (Jan'25, Dec'24, Jan'24, OADT, MADT)

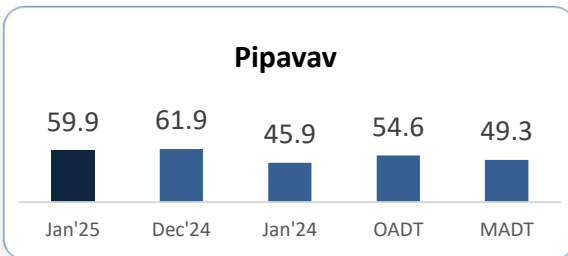| Terminal	Jan'25	Dec'24	Jan'24	OADT	MADT
NSFT	70.3	64.3	71.9	74.3	74.3
NSICT	66.3	65.9	46.3	59.8	61.1
GTI	79.8	76.4	64.6	76.7	75.7
NSIGT	92.3	85.3	77.6	85.8	85.4
BMCT	74.7	72.1	72.6	73.5	74.7

Mundra Terminals (Jan'25, Dec'24, Jan'24, OADT, MADT)

Terminal	Jan'25	Dec'24	Jan'24	OADT	MADT
ACMTPL	103.8	102.6	122.6	125.0	128.0
AMCT-2	106.8	111.2	88.2	99.3	99.2
AICTPL	126.3	121.3	125.8	131.2	131.3
AMCT	100.7	94.5	103.7	110.9	112.5
MICT	98.1	86.2	90.8	94.7	101.0

Pipavav

	Jan'25	Dec'24	Jan'24	OADT	MADT
Pipavav	113.8	100.6	104.6	112.6	109.1

Hazira

	Jan'25	Dec'24	Jan'24	OADT	MADT
Hazira	110.8	112.2	112.1	118.9	117.8

Kandla

	Jan'25	Dec'24	Jan'24	OADT	MADT
Kandla	85.4	58.1	84.8	109.5	120.8

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

Note:
All values are in hours

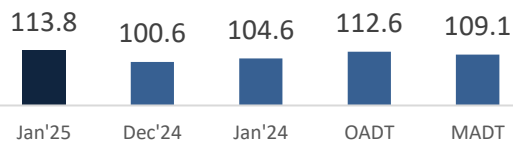# Container Turnaround Analysis: **Western Region**

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)		
		Jan'25	Dec'24	Jan'24	Jan'25	Dec'24	Jan'24
JNPA	JNPA	96%	96%	95%	27.2	28.5	28.1
	Other Ports	4%	4%	5%	55.6	52.5	58.2
Mundra	Mundra	96%	95%	94%	32.6	34.3	37.1
	Other Ports	4%	5%	6%	45.5	50.1	53.4
Hazira	Hazira	91%	96%	97%	35.5	35.6	30.7
	Other Ports	9%	4%	3%	45.8	56.6	76.5
Kandla	Kandla	83%	85%	86%	35.3	33.5	61.0
	Mundra	17%	15%	14%	74.7	42.2	72.3
Pipavav	Mundra	70%	52%	44%	40.9	41.6	45.2
	Pipavav	22%	44%	53%	28.7	28.1	32.0
	Other Ports	8%	4%	3%	37.0	40.1	47.2

Note: Please refer annexure for Container Turnaround Analysis Methodology

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)		
		Jan'25	Dec'24	Jan'24	Jan'25	Dec'24	Jan'24
Bharat Mumbai Container Terminals(PSA)	Bharat Mumbai Container Terminals(PSA)	45%	40%	41%	27.1	29.7	25.8
	Gateway Terminals India (GTI)	25%	27%	30%	23.9	24.9	24.9
	Nhava Sheva Freeport Terminal (NSFT)	5%	5%	-	36.4	34.5	-
	Nhava Sheva India Gateway Terminal (NSIGT)	10%	12%	14%	34.8	27.9	24.0
	Nhava Sheva International Container Terminal (NSICT)	15%	16%	15%	29.1	31.7	26.5
Gateway Terminals India (GTI)	Bharat Mumbai Container Terminals(PSA)	23%	23%	28%	23.3	25.2	26.9
	Gateway Terminals India (GTI)	45%	48%	52%	22.6	23.2	24.4
	Nhava Sheva Freeport Terminal (NSFT)	6%	5%	-	26.6	26.8	-
	Nhava Sheva India Gateway Terminal (NSIGT)	11%	8%	8%	25.7	26.0	28.2
	Nhava Sheva International Container Terminal (NSICT)	15%	16%	12%	24.1	27.4	28.2
Nhava Sheva Freeport Terminal (NSFT)	Bharat Mumbai Container Terminals(PSA)	31%	27%	27%	35.1	40.8	65.3
	Gateway Terminals India (GTI)	21%	25%	39%	29.0	33.4	60.6
	Nhava Sheva Freeport Terminal (NSFT)	21%	19%	-	27.2	33.6	-
	Nhava Sheva India Gateway Terminal (NSIGT)	12%	14%	13%	28.4	32.8	68.3
	Nhava Sheva International Container Terminal (NSICT)	15%	15%	21%	29.6	37.0	87.8
Nhava Sheva India Gateway Terminal (NSIGT)	Bharat Mumbai Container Terminals(PSA)	18%	14%	26%	36.6	34.4	35.7
	Gateway Terminals India (GTI)	19%	19%	20%	33.7	31.9	31.9
	Nhava Sheva Freeport Terminal (NSFT)	9%	7%	-	30.2	28.4	-
	Nhava Sheva India Gateway Terminal (NSIGT)	38%	44%	46%	29.8	29.0	29.1
	Nhava Sheva International Container Terminal (NSICT)	16%	16%	8%	34.4	31.4	41.7
Nhava Sheva International Container Terminal (NSICT)	Bharat Mumbai Container Terminals(PSA)	27%	22%	26%	31.0	37.0	38.1
	Gateway Terminals India (GTI)	25%	24%	23%	25.6	29.2	39.2
	Nhava Sheva Freeport Terminal (NSFT)	4%	4%	-	33.3	32.6	-
	Nhava Sheva India Gateway Terminal (NSIGT)	11%	10%	13%	32.7	27.2	39.0
	Nhava Sheva International Container Terminal (NSICT)	33%	40%	38%	27.5	34.5	37.5

Note: Please refer annexure for Container Turnaround Analysis Methodology
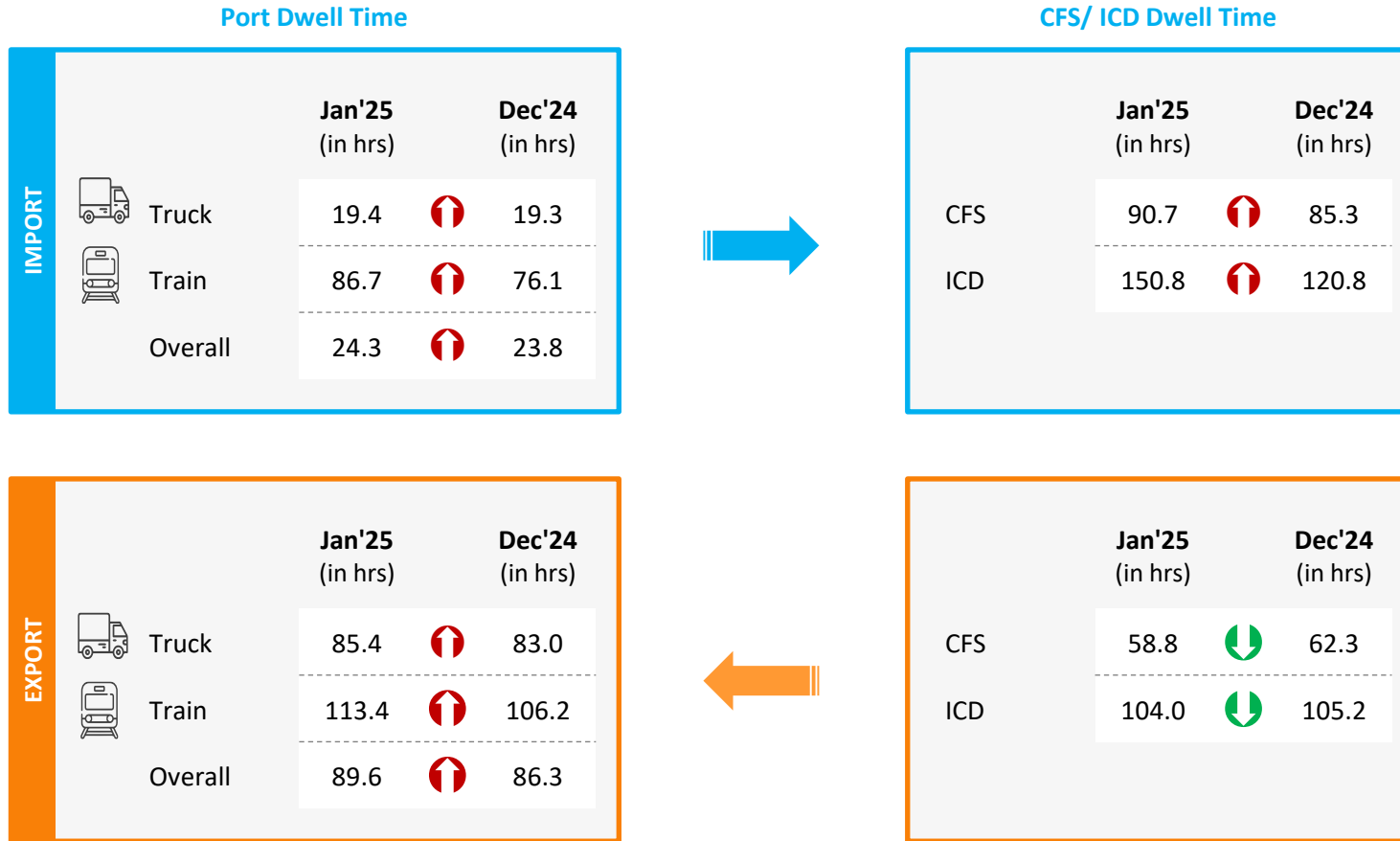
Container Turnaround Analysis: **Mundra Port**

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)		
		Jan'25	Dec'24	Jan'24	Jan'25	Dec'24	Jan'24
Adani CMA Mundra Terminal (ACMTPL)	Adani CMA Mundra Terminal (ACMTPL)	53%	59%	60%	31.0	34.3	38.4
	Adani International Container Terminal (AICTPL)	2%	1%	3%	29.6	33.0	32.2
	Adani Mundra Container Terminal (AMCT)	30%	23%	22%	29.2	34.7	35.6
	Adani Mundra Container Terminal -2	8%	10%	5%	30.6	32.7	33.7
	Mundra International Container Terminal (MICT)	7%	7%	10%	27.5	24.7	28.3
Adani International Container Terminal (AICTPL)	Adani CMA Mundra Terminal (ACMTPL)	3%	5%	2%	35.4	43.6	51.3
	Adani International Container Terminal (AICTPL)	80%	78%	82%	48.1	43.8	50.5
	Adani Mundra Container Terminal (AMCT)	7%	6%	6%	29.3	37.7	37.3
	Adani Mundra Container Terminal -2	4%	5%	3%	33.2	41.7	40.7
	Mundra International Container Terminal (MICT)	6%	6%	7%	30.9	34.6	48.0
Adani Mundra Container Terminal (AMCT)	Adani CMA Mundra Terminal (ACMTPL)	16%	16%	27%	32.0	31.9	37.3
	Adani International Container Terminal (AICTPL)	5%	4%	9%	29.6	32.3	23.5
	Adani Mundra Container Terminal (AMCT)	40%	39%	40%	29.8	33.8	30.7
	Adani Mundra Container Terminal -2	25%	29%	15%	32.7	34.0	30.9
	Mundra International Container Terminal (MICT)	14%	12%	9%	34.7	31.9	30.7
Adani Mundra Container Terminal -2	Adani CMA Mundra Terminal (ACMTPL)	12%	10%	18%	26.4	41.2	36.1
	Adani International Container Terminal (AICTPL)	6%	6%	10%	18.4	25.9	25.2
	Adani Mundra Container Terminal (AMCT)	26%	23%	32%	27.9	31.6	33.7
	Adani Mundra Container Terminal -2	38%	43%	27%	31.7	31.7	35.5
	Mundra International Container Terminal (MICT)	18%	18%	13%	36.3	26.4	37.4
Mundra International Container Terminal (MICT)	Adani CMA Mundra Terminal (ACMTPL)	6%	7%	6%	22.0	33.6	41.1
	Adani International Container Terminal (AICTPL)	4%	5%	10%	28.8	32.8	50.9
	Adani Mundra Container Terminal (AMCT)	9%	10%	14%	32.1	32.4	27.9
	Adani Mundra Container Terminal -2	8%	10%	4%	36.6	36.6	57.7
	Mundra International Container Terminal (MICT)	73%	68%	66%	26.8	29.0	32.2

Note: Please refer annexure for Container Turnaround Analysis Methodology

Western Region Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Jan'25 (in hrs)		Dec'24 (in hrs)
Truck	19.4	🔺	19.3
Train	86.7	🔺	76.1
Overall	24.3	🔺	23.8

CFS/ ICD Dwell Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
CFS	90.7	🔺	85.3
ICD	150.8	🔺	120.8

Port Dwell Time

EXPORT

	Jan'25 (in hrs)		Dec'24 (in hrs)
Truck	85.4	🔺	83.0
Train	113.4	🔺	106.2
Overall	89.6	🔺	86.3

CFS/ ICD Dwell Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
CFS	58.8	🔻	62.3
ICD	104.0	🔻	105.2

Container Lifecycle (Export Cycle)

🔻 🔺 Indicates decrease/ increase in dwell time from last month

Port Performance Benchmarking: **Western Region**

Performance benchmarking of terminals based on dwell time vis-à-vis container count (no. of boxes) handled:
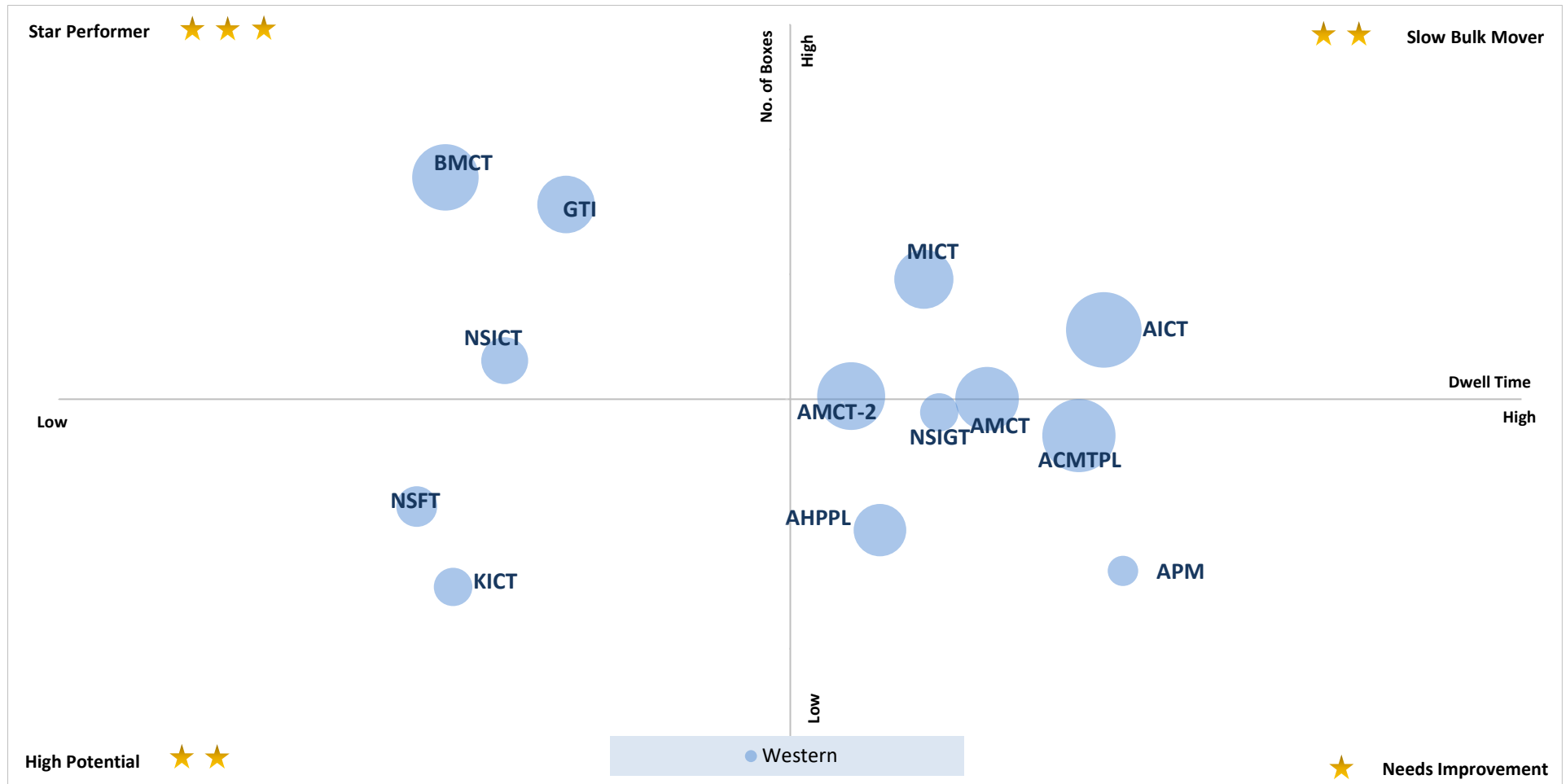
Performance Index – Jan'25

Star Performer ★ ★ ★

Slow Bulk Mover ★ ★

High Potential ★ ★

Needs Improvement ★

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

X-Axis: Dwell Time
Threshold value (in hours): 61.0

Y-Axis: No. of Boxes
Threshold value (no. of boxes): 55,689

NLDS
NICDC LOGISTICS DATA SERVICES LTD
Logistics Redefined

Performance benchmarking of terminals based on dwell time, container count (no. of boxes) handled, and terminal capacity for Jan'25:

Star Performer ★ ★ ★

No. of Boxes — High

★ ★ **Slow Bulk Mover**

BMCT

GTI

MICT

AICT

NSICT

AMCT-2

NSIGT

AMCT

ACMTPL

Low

Dwell Time

High

NSFT

AHPPL

APM

KICT

Low

● Western

High Potential ★ ★

★ **Needs Improvement**

X-Axis: Dwell Time

○ Bubble size represents the terminal capacity

Y-Axis: No. of Boxes

Threshold value (in hours): 61.0

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

Threshold value (no. of boxes): 55,689

Needs Improvement ★

Entities with low container count and high dwell time

Note: Terminal abbreviation details are mentioned in annexure

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

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

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

X-Axis: Change in dwell time

Y-Axis: Change in no. of boxes

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

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

Performance Index – Jan'25

Star Performer ★ ★ ★

Slow Bulk Mover ★ ★

TEU Capacity — High / Low

Dwell Time — High / Low

High Potential ★ ★

Needs Improvement ★

Points plotted: C, A, M, D, I, E, F, B, K, H, L, J, G

X-Axis: Dwell Time

Y-Axis: TEU Capacity

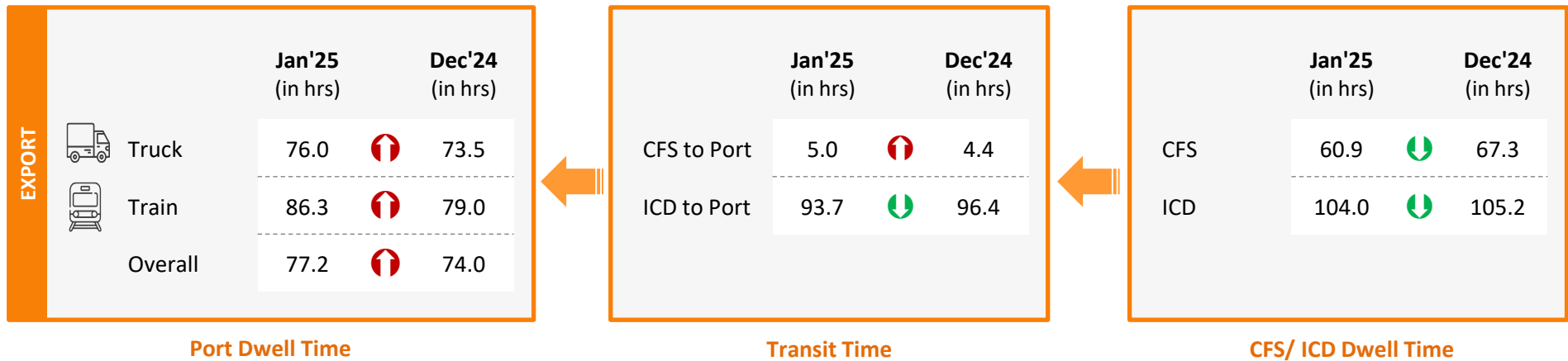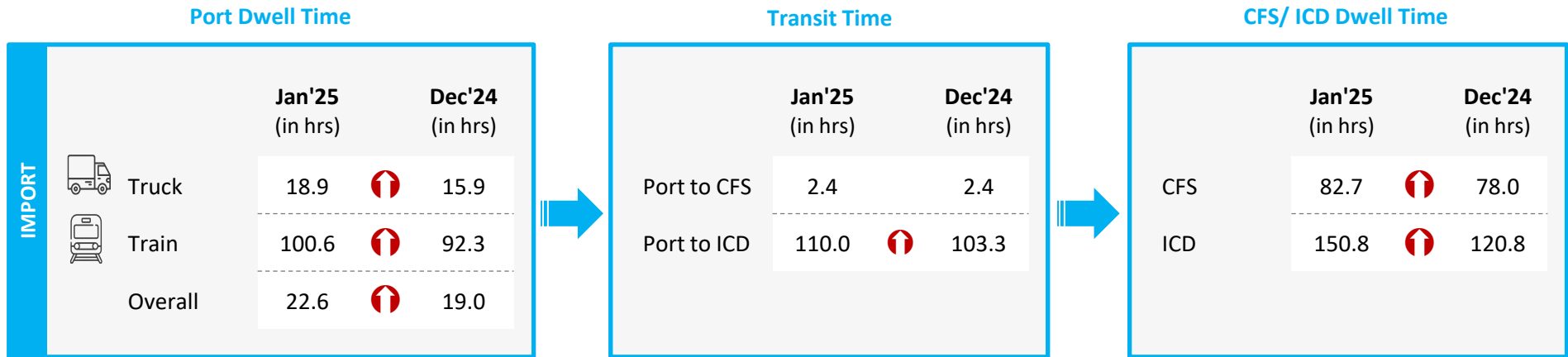| Abb.	Name of Terminal
A	Adani CMA Mundra Terminal (ACMTPL)
B	Adani Hazira Port Private Limited (AHPPL)
C	Adani International Container Terminal (AICTPL)
D	Adani Mundra Container Terminal (AMCT)
E	Bharat Mumbai Container Terminals(PSA)
F	Gateway Terminals India (GTI)
G	APM Terminals Pipavav, Gujarat
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)

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

X-Axis: Dwell Time   **Y-Axis:** No. of Boxes

Note:
Please refer annexure for CFS names

JNPA Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT		Jan'25 (in hrs)		Dec'24 (in hrs)
🚚	Truck	18.9	⬆	15.9
🚆	Train	100.6	⬆	92.3
	Overall	22.6	⬆	19.0

Transit Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
Port to CFS	2.4		2.4
Port to ICD	110.0	⬆	103.3

CFS/ ICD Dwell Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
CFS	82.7	⬆	78.0
ICD	150.8	⬆	120.8

Port Dwell Time

EXPORT		Jan'25 (in hrs)		Dec'24 (in hrs)
🚚	Truck	76.0	⬆	73.5
🚆	Train	86.3	⬆	79.0
	Overall	77.2	⬆	74.0

Transit Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
CFS to Port	5.0	⬆	4.4
ICD to Port	93.7	⬇	96.4

CFS/ ICD Dwell Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
CFS	60.9	⬇	67.3
ICD	104.0	⬇	105.2

Container Lifecycle (Export Cycle)

⬇ ⬆ Indicates decrease/ increase in time from last month

Parking Plaza Analysis: **JNPA Port**

The analysis showcases waiting time of containers at parking plaza and transit time between parking plaza exit and port entry:
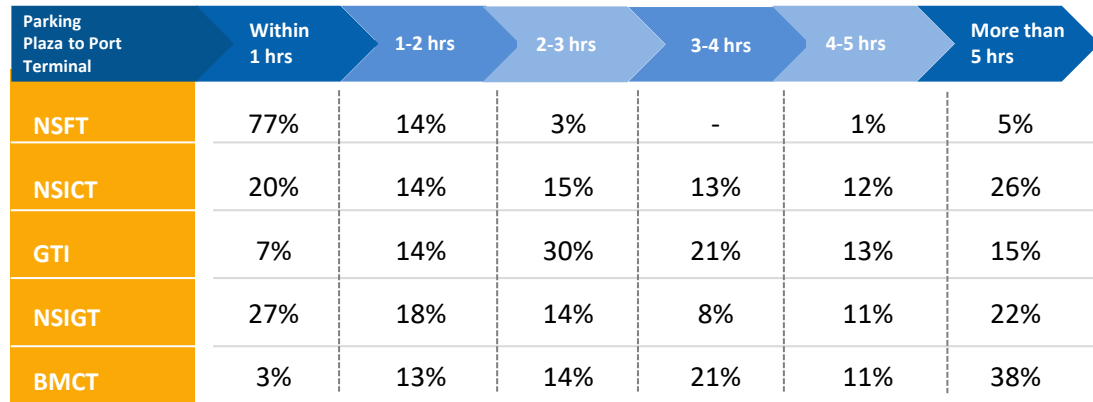
Parking Plaza Dwell Time	Jan'25 (in hrs)	Dec'24 (in hrs)
Gate in - Gate Out	5.7	6.2

Container Count Percentage: Hour-wise (Jan'25)

	Within 2 hrs	2-4 hrs	4-8 hrs	8-16 hrs	16-24 hrs	More than 24 hrs
Parking Plaza Dwell Time	9%	24%	33%	22%	8%	4%
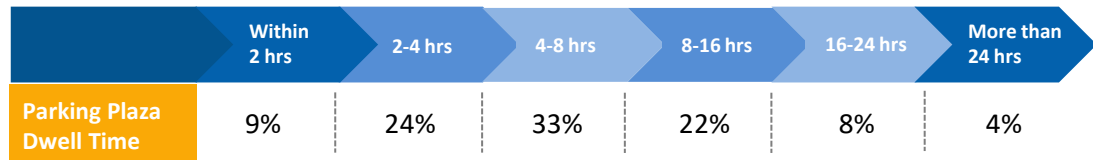
Parking Plaza to JNPA Port	Jan'25 (in hrs)	Dec'24 (in hrs)
Gate Out – Terminal In	2.5	-

Port Terminal	Jan'25 (in hrs)	Dec'24 (in hrs)
NSFT	0.5	-
NSICT	3.1	-
GTI	3.0	-
NSIGT	2.3	-
BMCT	4.0	-

Container Count Percentage: Hour-wise (Jan'25)

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	77%	14%	3%	-	1%	5%
NSICT	20%	14%	15%	13%	12%	26%
GTI	7%	14%	30%	21%	13%	15%
NSIGT	27%	18%	14%	8%	11%	22%
BMCT	3%	13%	14%	21%	11%	38%

Mundra Port Performance

Container Lifecycle (Import Cycle)

IMPORT

Port Dwell Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
Truck	19.1	⬇	23.9
Train	75.3	⬆	63.8
Overall	26.1	⬇	29.9

Transit Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
Port to CFS	0.9		0.9
Port to ICD	85.4	⬆	81.9

CFS/ ICD Dwell Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
CFS	98.4	⬇	98.8
ICD	150.8	⬆	120.8

EXPORT

Port Dwell Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
Truck	98.3	⬆	94.6
Train	131.3	⬆	125.4
Overall	106.2	⬆	101.1

Transit Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
CFS to Port	1.5	⬆	0.9
ICD to Port	65.5	⬆	65.1

CFS/ ICD Dwell Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
CFS	57.5	⬆	57.2
ICD	104.0	⬇	105.2

Container Lifecycle (Export Cycle)

⬇ ⬆ Indicates decrease/ increase in time from last month

Predictive Analysis: **Mundra Port**

Legend: ● Mundra Import Dwell Time   --- Forecasted Dwell Time
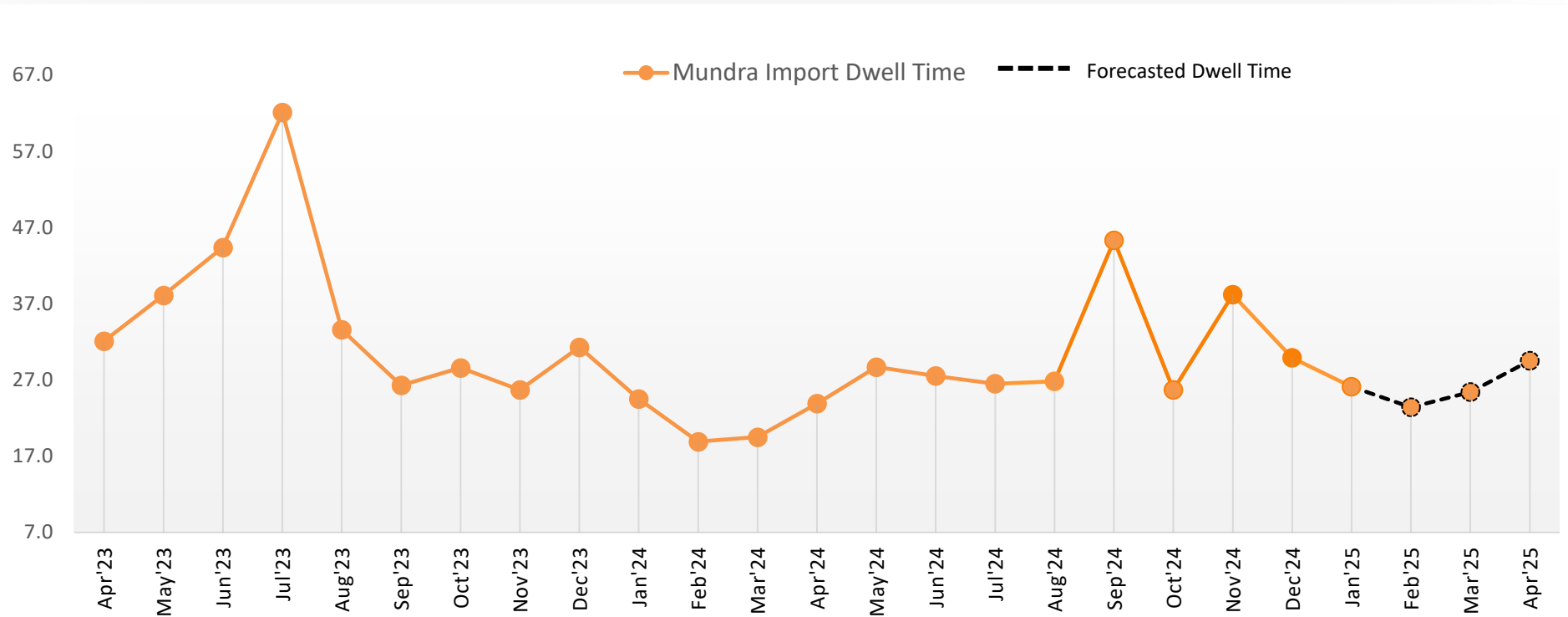
*Basis global benchmark, minimum dwell time of 7 hours is considered

	Nov'24	Dec'24	Jan'25	Feb'25	Mar'25	Apr'25
Actual Dwell Time (in hours)	38.2	29.9	26.1	-	-	-
Forecasted Dwell Time (in hours)	25.8	26.7	22.9	23.4	25.4	29.5

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)	Jan'25 (in hrs)	Dec'24 (in hrs)
Adani Parking Yard No.1	1.3	1.1

Container Count Percentage: Hour-wise (Jan'25)
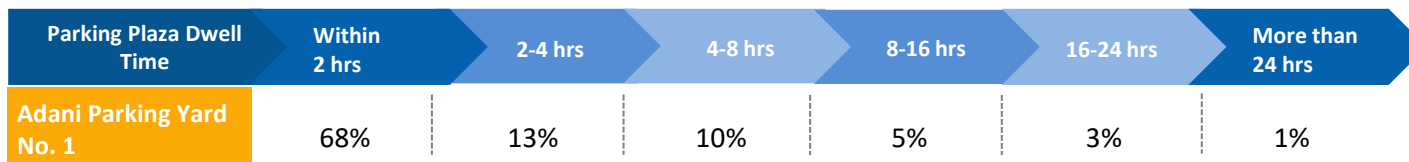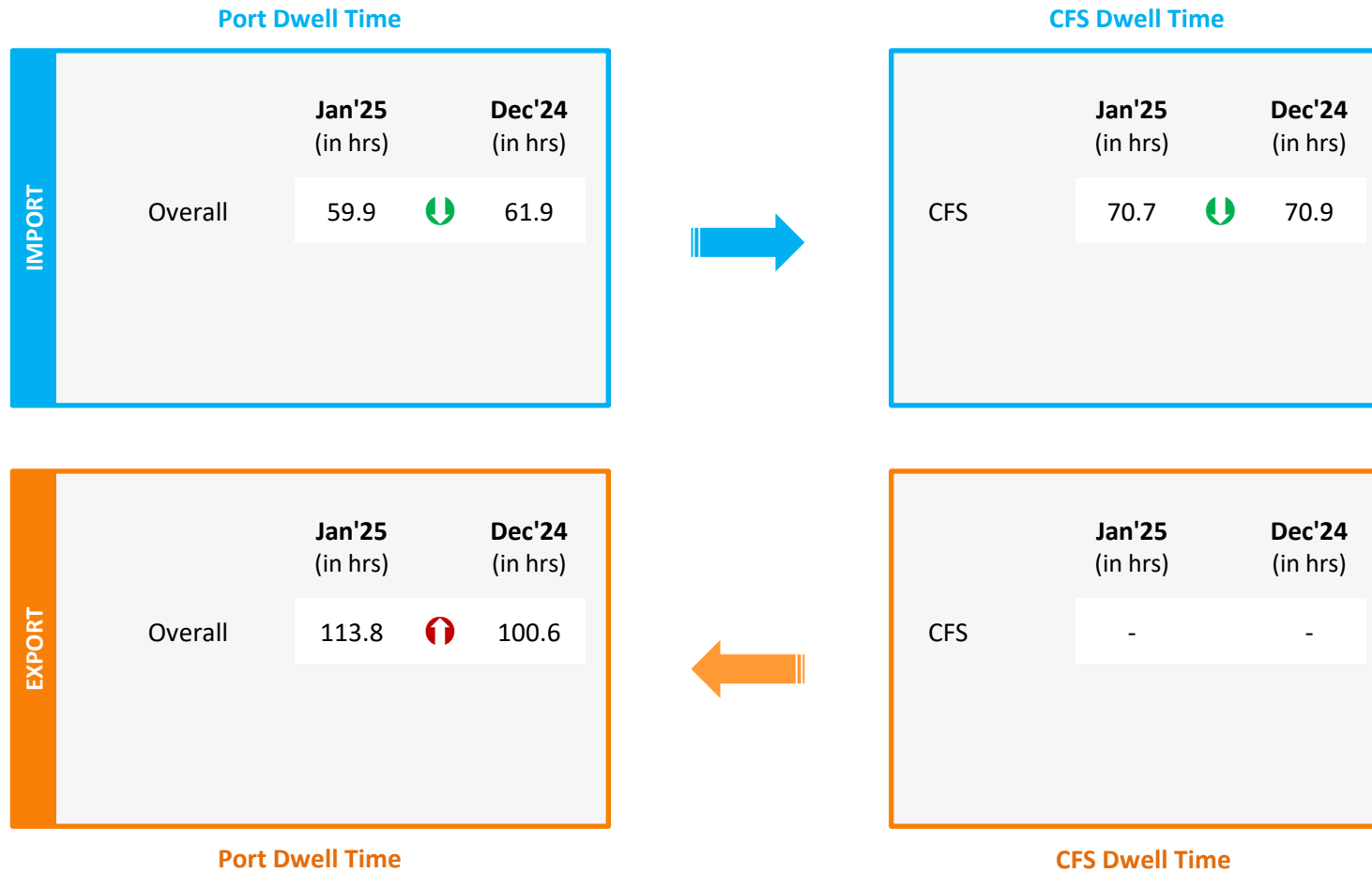
Parking Plaza Dwell Time	Within 2 hrs	2-4 hrs	4-8 hrs	8-16 hrs	16-24 hrs	More than 24 hrs
Adani Parking Yard No. 1	68%	13%	10%	5%	3%	1%

Pipavav Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Jan'25 (in hrs)		Dec'24 (in hrs)
Overall	59.9	⬇	61.9

CFS Dwell Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
CFS	70.7	⬇	70.9

EXPORT

	Jan'25 (in hrs)		Dec'24 (in hrs)
Overall	113.8	⬆	100.6

Port Dwell Time

	Jan'25 (in hrs)	Dec'24 (in hrs)
CFS	-	-

CFS Dwell Time

Container Lifecycle (Export Cycle)

⬇ ⬆ Indicates decrease/ increase in dwell time from last month

Kandla Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Jan'25 (in hrs)		Dec'24 (in hrs)
Overall	24.7	⬇	57.1

EXPORT

	Jan'25 (in hrs)		Dec'24 (in hrs)
Overall	85.4	⬆	58.1

Port Dwell Time

Container Lifecycle (Export Cycle)

Indicates decrease/ increase in dwell time from last month

Hazira Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
IMPORT Overall	29.6	🔴	27.2

CFS Dwell Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
CFS	102.3	🟢	120.0

	Jan'25 (in hrs)		Dec'24 (in hrs)
EXPORT Overall	110.8	🟢	112.2

	Jan'25 (in hrs)		Dec'24 (in hrs)
CFS	-		-

Port Dwell Time
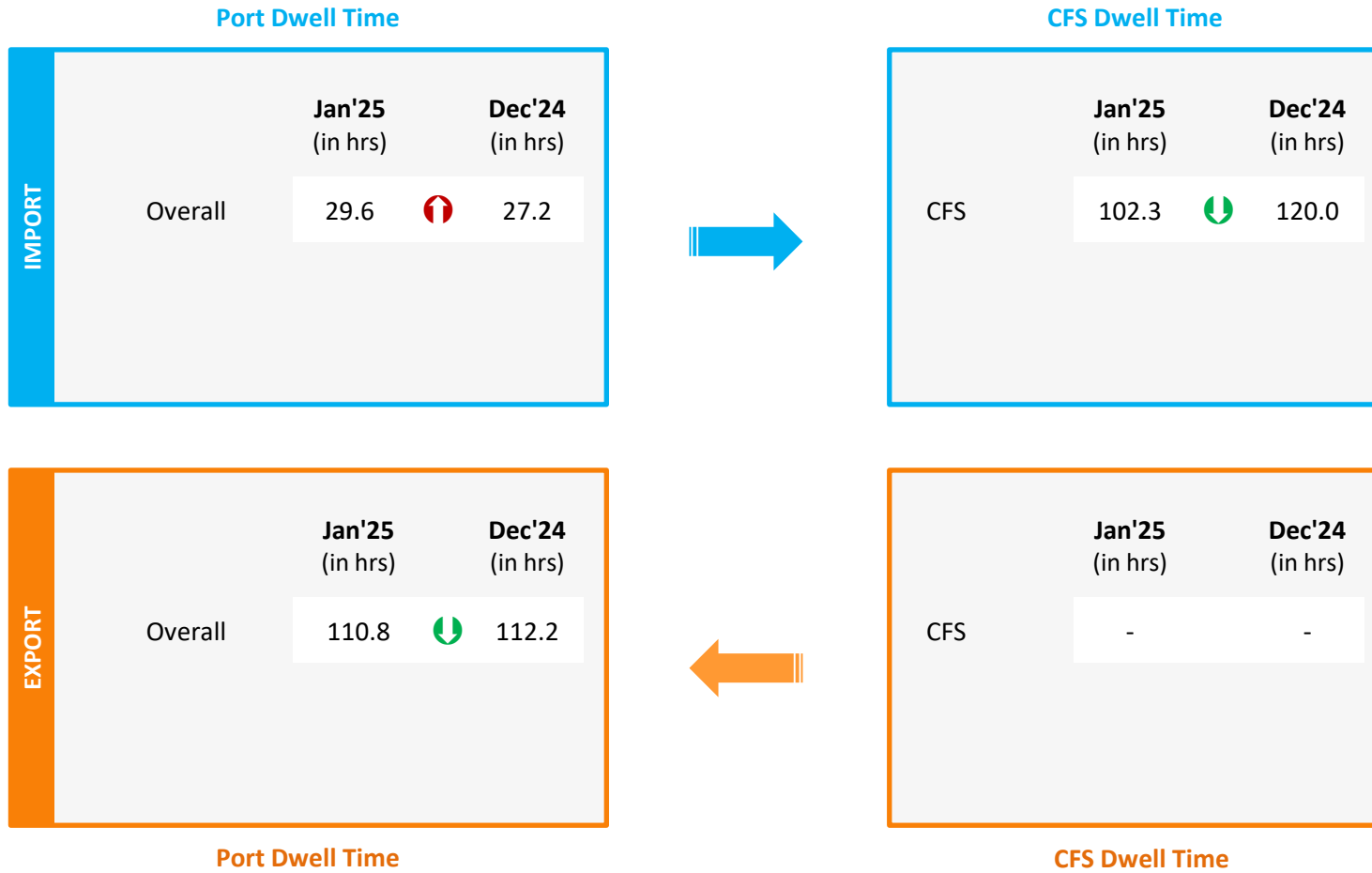
CFS Dwell Time

Container Lifecycle (Export Cycle)

🟢 🔴 Indicates decrease/ increase in dwell time from last month

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

Average speed of trucks to cover the distance between port to nearest toll plaza for Jan'25:

Port

Toll Plaza

Mundra

28 Km

13.5 Km/hr

Mokha

JNPA

60 Km

- Km/hr

9.9 Km/hr

43 Km

Khalapur
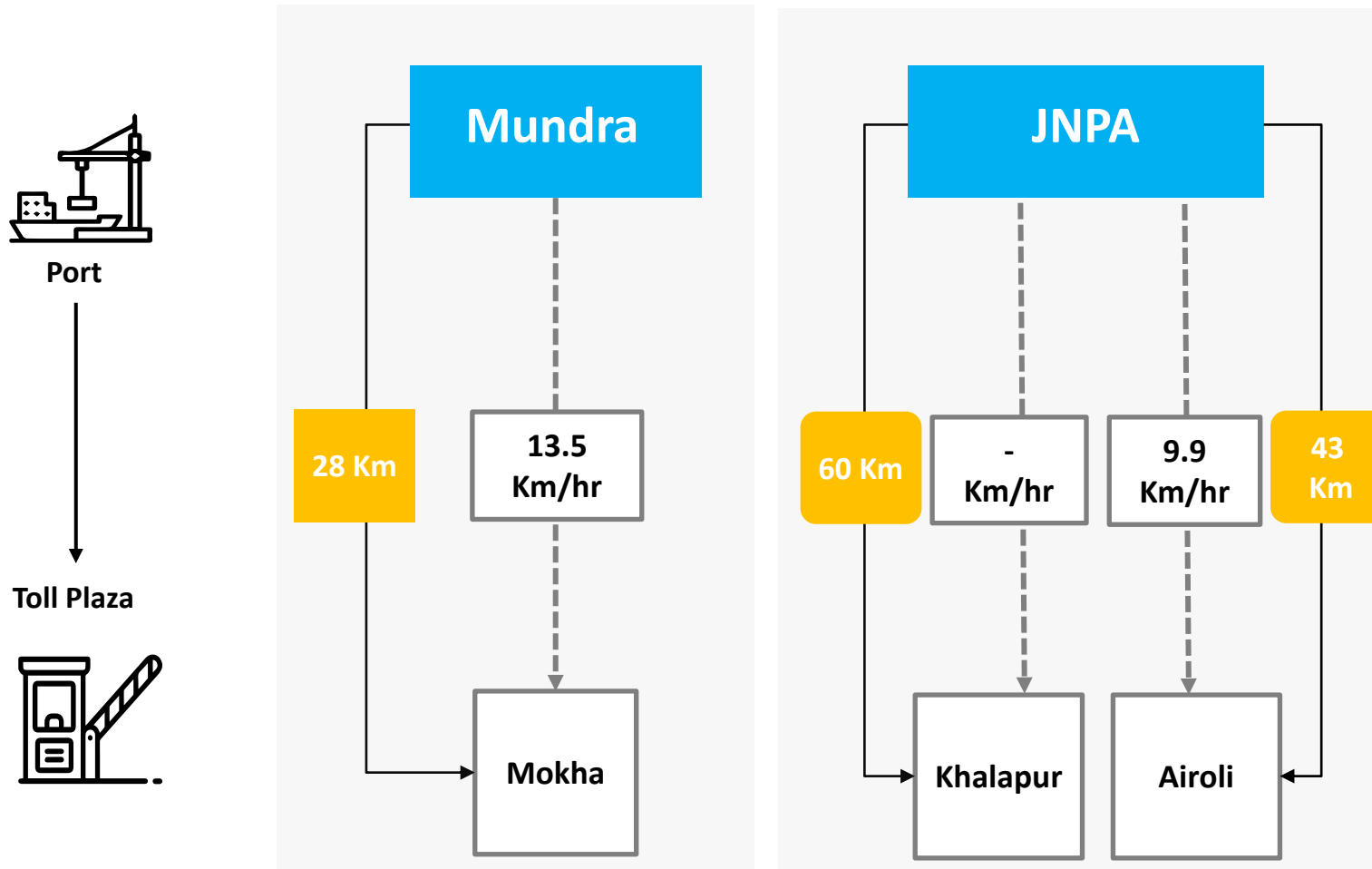
Airoli

Toll Plaza Analysis: **JNPA Port**

The average speed of trucks to cover the distance between adjacent toll plazas for Jan'25:

Route	Distance (Km)	Speed (Km/hrs)	
Towards Vapi, Gujarat Highway		Jan'25	Dec'24
Mulund Airoli - Khaniwade	55.0	19.8	18.9
Khaniwade - Charoti	54.7	24.0	22.4
Charoti - Boriach	127.0	-	-
Boriach - Bharthan	142.0	-	-
Bharthan - Daulatpura	775.0	-	-
Bharthan - Vasad	67.3	38.8	37.8
Towards Pune, Bangalore Highway			
Khalapur - Khedshivapur	107.0	-	-
Khedshivapur - Anewadi	78.9	-	-
Anewadi - Kini	117.0	-	-

SOUTHERN REGION PERFORMANCE

Container Count: **Southern Region**
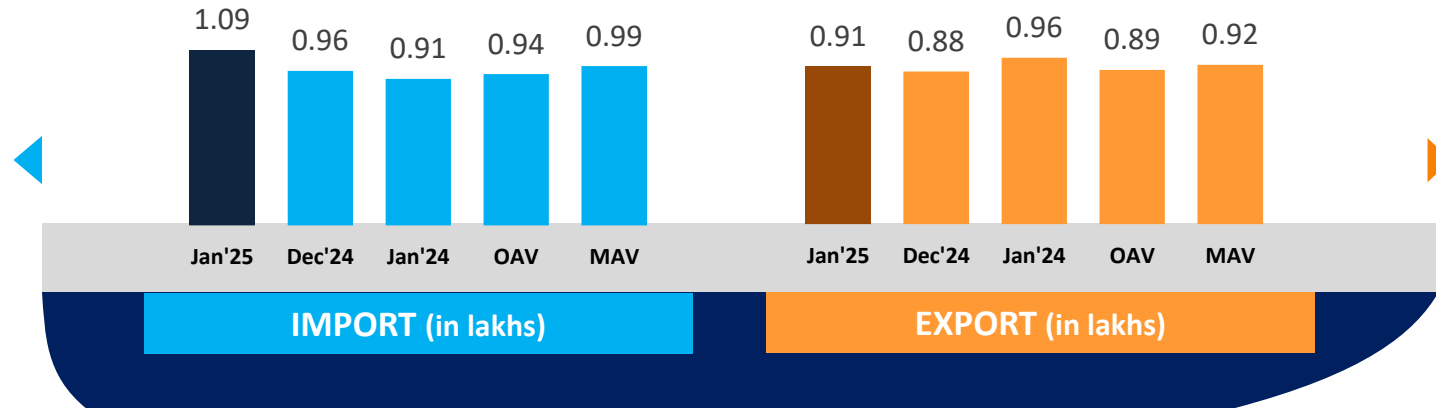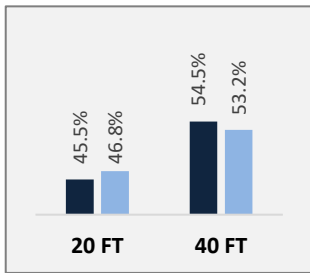
NLDS
NICDC LOGISTICS DATA SERVICES LTD
Logistics Redefined

Southern Region

	Jan'25	Dec'24	Jan'24	OAV	MAV		Jan'25	Dec'24	Jan'24	OAV	MAV
	1.09	0.96	0.91	0.94	0.99		0.91	0.88	0.96	0.89	0.92

IMPORT (in lakhs) **EXPORT (in lakhs)**

Container Size-wise (Import)

	20 FT	40 FT
Jan'25	45.5%	54.5%
Dec'24	46.8%	53.2%

Container Type-wise (Import)

	Empty	Laden
Jan'25	36.8%	63.2%
Dec'24	11.9%	88.1%

Container Count - Annual Average (in lakhs/ month)

	2020	2021	2022	2023	2024
IMPORT	0.88	0.98	0.95	0.96	0.98
EXPORT	0.69	0.93	0.90	0.93	0.95

Container Size-wise (Export)

	20 FT	40 FT
Jan'25	46.0%	54.0%
Dec'24	46.5%	53.5%

Container Type-wise (Export)

	Empty	Laden
Jan'25	51.4%	48.6%
Dec'24	39.7%	60.3%

Jan'25   Dec'24

OAV – Overall Avg Volume
MAV – Monthly Avg Volume

© NICDC Logistics Data Services Limited
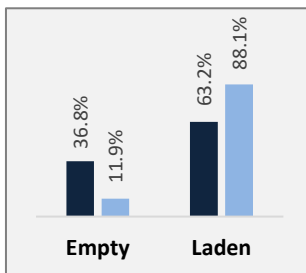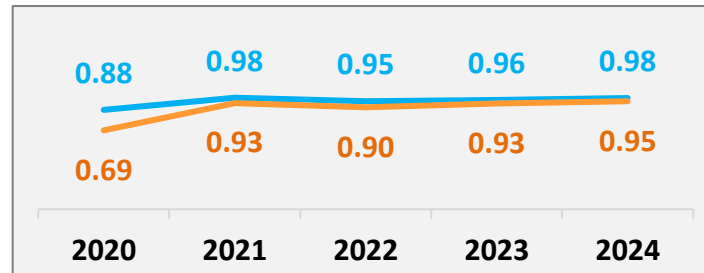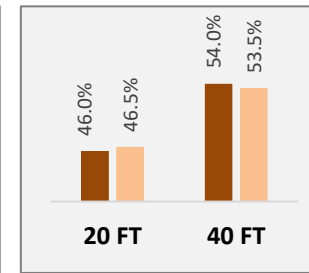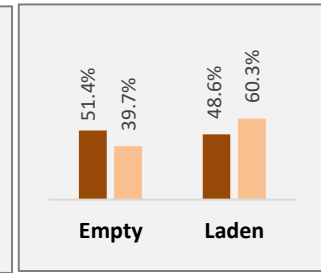
Dwell Time Performance: **Southern Region Import Cycle**

Southern Region
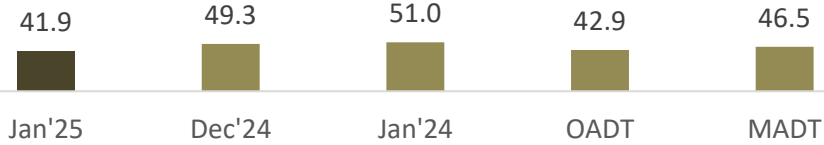
PAN India Import Dwell Time
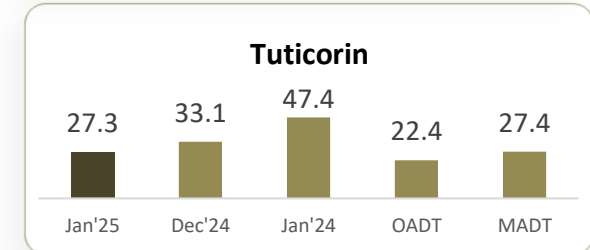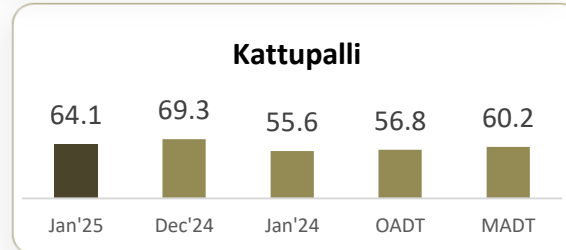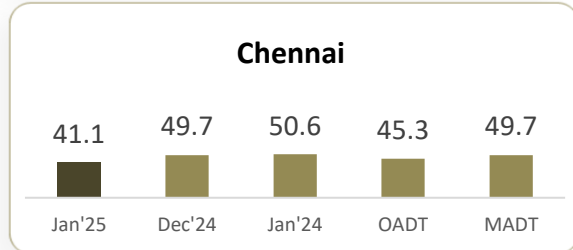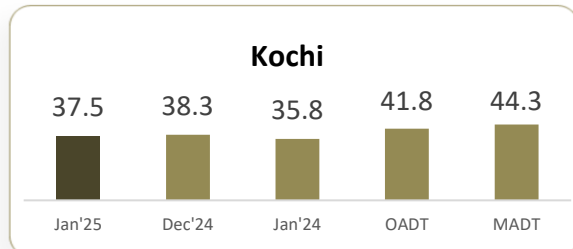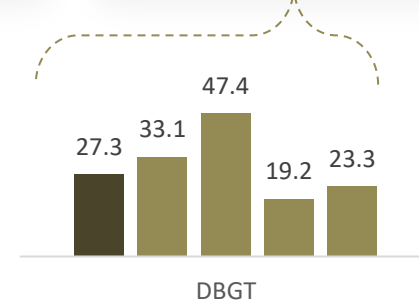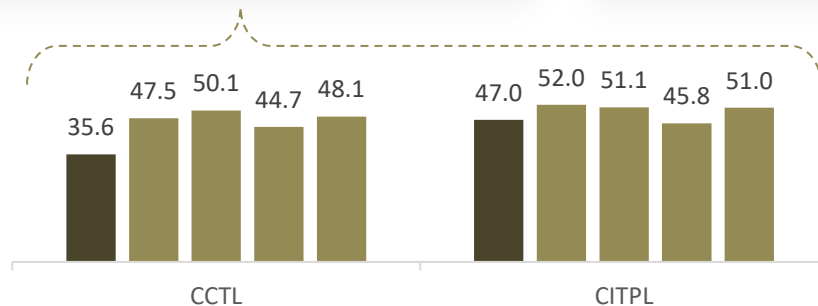
30.0 Hrs.
(Jan'25)

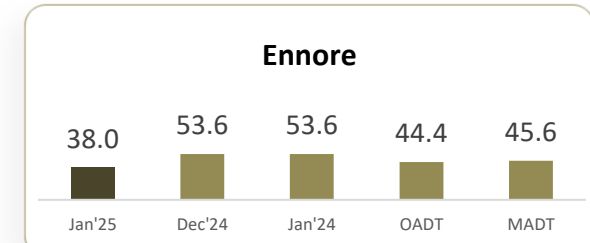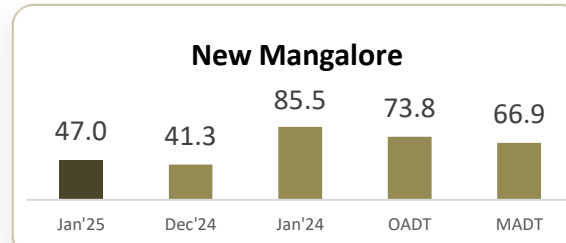|	Jan'25	Dec'24	Jan'24	OADT	MADT
Southern Region	41.9	49.3	51.0	42.9	46.5

Ports

Kochi

Jan'25	Dec'24	Jan'24	OADT	MADT
37.5	38.3	35.8	41.8	44.3

New Mangalore

Jan'25	Dec'24	Jan'24	OADT	MADT
47.0	41.3	85.5	73.8	66.9

Ennore

Jan'25	Dec'24	Jan'24	OADT	MADT
38.0	53.6	53.6	44.4	45.6

Chennai

Jan'25	Dec'24	Jan'24	OADT	MADT
41.1	49.7	50.6	45.3	49.7

Kattupalli

Jan'25	Dec'24	Jan'24	OADT	MADT
64.1	69.3	55.6	56.8	60.2

Tuticorin

Jan'25	Dec'24	Jan'24	OADT	MADT
27.3	33.1	47.4	22.4	27.4

Terminals

CCTL

35.6	47.5	50.1	44.7	48.1

CITPL

47.0	52.0	51.1	45.8	51.0

DBGT

27.3	33.1	47.4	19.2	23.3

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

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

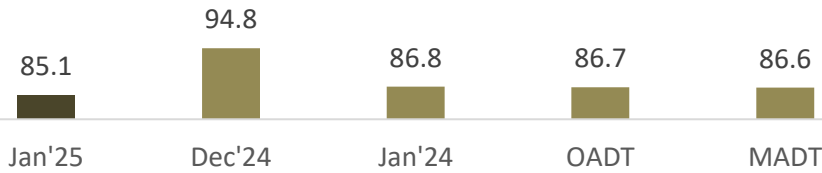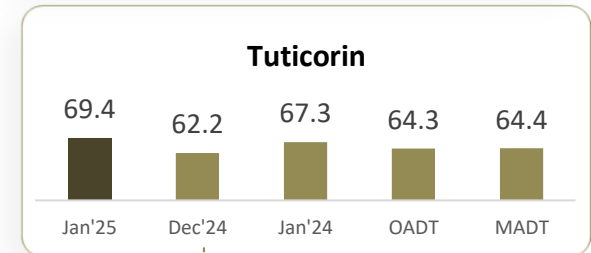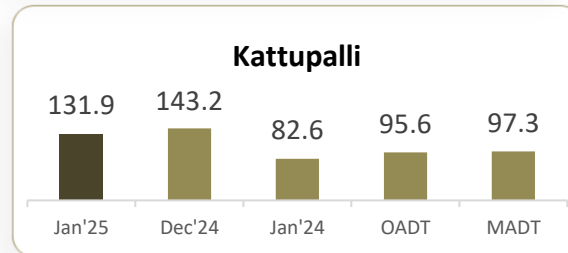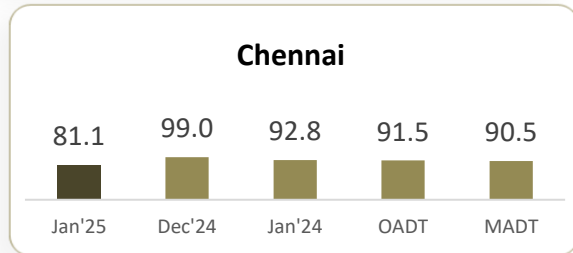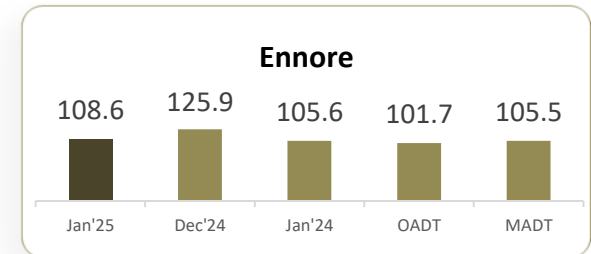# Dwell Time Performance: **Southern Region Export Cycle**

Southern Region

PAN India Export Dwell Time
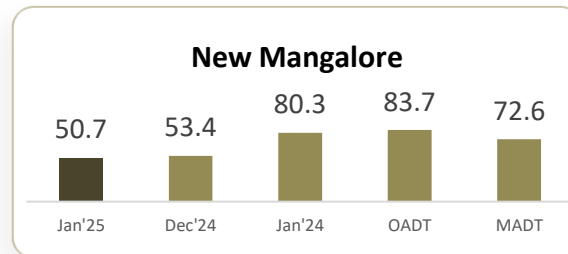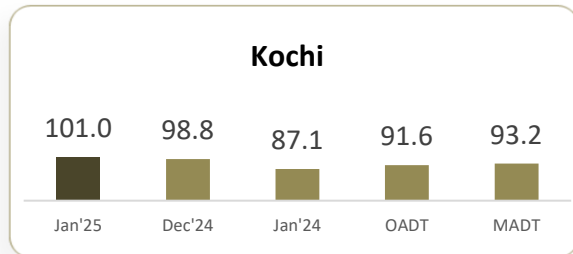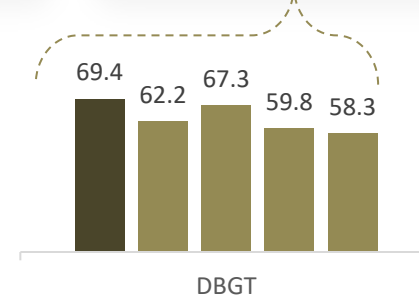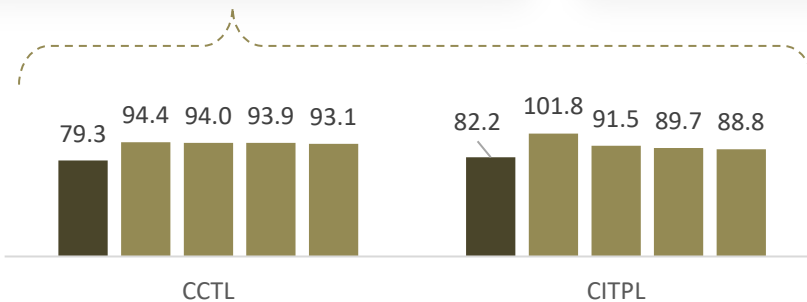
89.3 Hrs.
(Jan'25)

	Jan'25	Dec'24	Jan'24	OADT	MADT
Southern Region	85.1	94.8	86.8	86.7	86.6

Ports

Kochi

Jan'25	Dec'24	Jan'24	OADT	MADT
101.0	98.8	87.1	91.6	93.2

New Mangalore

Jan'25	Dec'24	Jan'24	OADT	MADT
50.7	53.4	80.3	83.7	72.6

Ennore

Jan'25	Dec'24	Jan'24	OADT	MADT
108.6	125.9	105.6	101.7	105.5

Chennai

Jan'25	Dec'24	Jan'24	OADT	MADT
81.1	99.0	92.8	91.5	90.5

Kattupalli

Jan'25	Dec'24	Jan'24	OADT	MADT
131.9	143.2	82.6	95.6	97.3

Tuticorin

Jan'25	Dec'24	Jan'24	OADT	MADT
69.4	62.2	67.3	64.3	64.4

Terminals

CCTL

79.3	94.4	94.0	93.9	93.1

CITPL

82.2	101.8	91.5	89.7	88.8

DBGT

69.4	62.2	67.3	59.8	58.3

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

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

Container Turnaround Analysis: **Southern Region**

Container turnaround analysis showcases the percentage of container count (no. of boxes) retained by respective ports. This analyzes the number of containers getting imported and exported from same port along with the time taken by them to complete the cycle.

Port In (Import Cycle)	Port Out (Export Cycle)	No. of Boxes Handled (in Percentage)			Turnaround Time (in Days)		
		Jan'25	Dec'24	Jan'24	Jan'25	Dec'24	Jan'24
Kochi	Kochi	100%	100%	100%	22.2	22.6	21.7
	Other Ports	-	-	-	-	-	-
Ennore	Ennore	80%	67%	89%	22.1	29.8	27.0
	Other Ports	20%	33%	11%	27.5	28.1	30.5
Tuticorin	Tuticorin	100%	100%	100%	24.6	24.9	35.1
	Other Ports	-	-	-	-	-	-
Chennai	Chennai	88%	88%	73%	23.1	28.1	28.0
	Kattupalli	10%	9%	24%	28.9	23.1	29.4
	Other Ports	2%	3%	3%	37.5	34.3	28.9
Kattupalli	Kattupalli	35%	39%	64%	25.8	33.7	29.6
	Chennai	47%	52%	35%	25.3	30.0	28.9
	Other Ports	18%	9%	1%	27.5	33.2	38.3

Note: Please refer annexure for Container Turnaround Analysis Methodology

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)		
		Jan'25	Dec'24	Jan'24	Jan'25	Dec'24	Jan'24
CCTL	CCTL	66%	66%	60%	22.2	27.8	28.0
	CITPL	34%	34%	40%	23.9	29.3	25.9
CITPL	CITPL	71%	71%	62%	24.3	27.3	29.8
	CCTL	29%	29%	38%	21.8	31.3	27.8

Note: Please refer annexure for Container Turnaround Analysis Methodology

Southern Region Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Jan'25 (in hrs)		Dec'24 (in hrs)
🚚 Truck	41.6	🟢	49.1
🚆 Train	73.0	🔴	67.0
Overall	41.9	🟢	49.3

CFS/ ICD Dwell Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
CFS	141.8	🔴	120.9
ICD	158.4	🟢	165.3

Port Dwell Time

EXPORT

	Jan'25 (in hrs)		Dec'24 (in hrs)
🚚 Truck	84.9	🟢	94.4
🚆 Train	113.0	🔴	103.2
Overall	85.1	🟢	94.8

CFS/ ICD Dwell Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
CFS	43.7	🟢	45.2
ICD	111.6	🟢	121.3

Container Lifecycle (Export Cycle)

🟢 🔴 Indicates decrease/ increase in dwell time from last month

Port Performance Benchmarking: **Southern Region**

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

	Performance Index – Jan'25		Abb.	Name of Terminal

Star Performer ⭐⭐⭐

No. of Boxes

High

⭐⭐ **Slow Bulk Mover**

B

A

E — **Dwell Time**

Low High

H

C

D

G

Low

High Potential ⭐⭐

⭐ **Needs Improvement**

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)

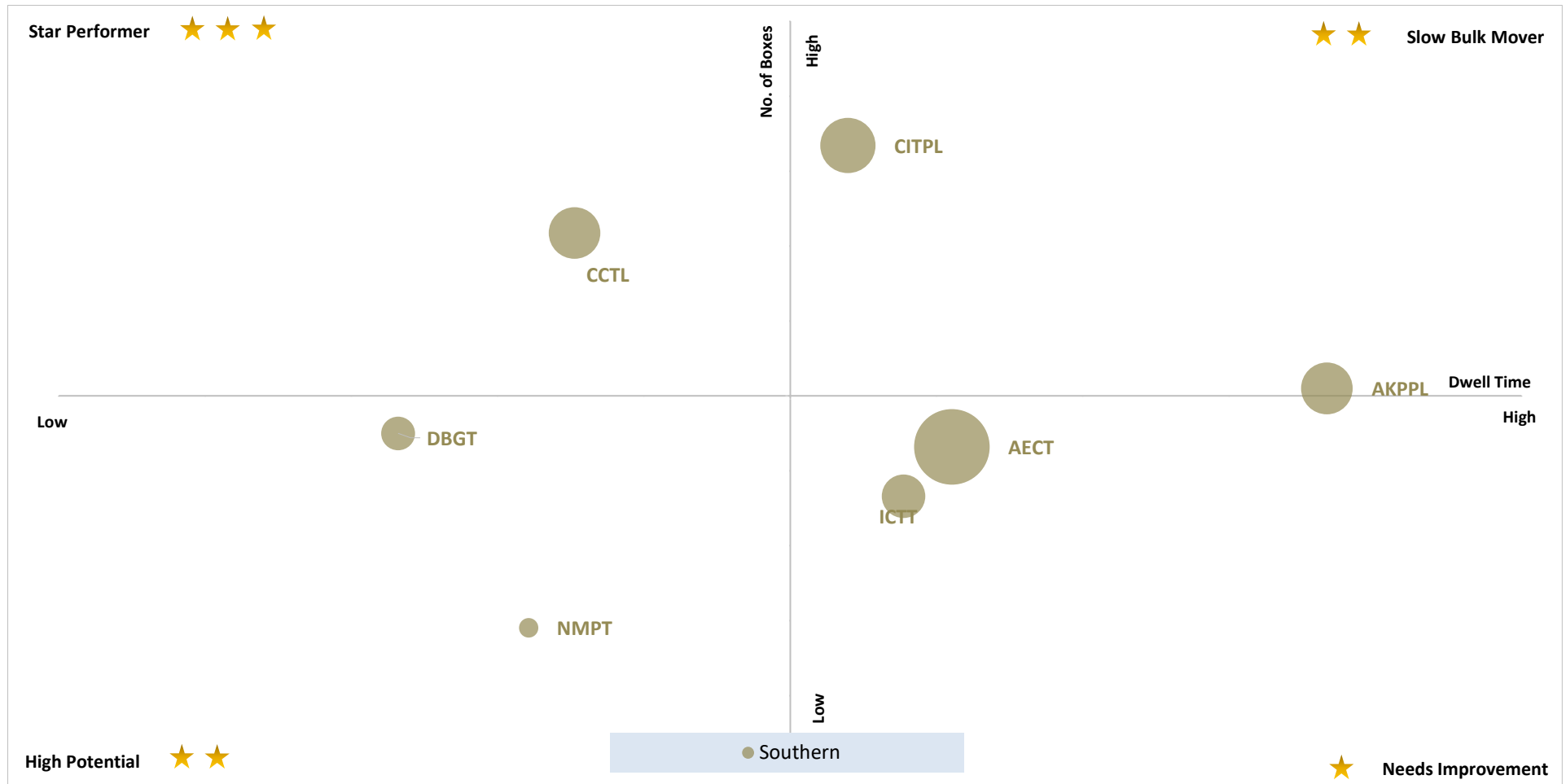**X-Axis:** Dwell Time
Threshold value (in hours): 60.2

Y-Axis: No. of Boxes
Threshold value (no. of boxes): 28,511

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

NLDS
NICDC LOGISTICS DATA SERVICES LTD
Logistics Redefined

Performance benchmarking of terminals based on dwell time, container count (no. of boxes) handled, and terminal capacity for Jan'25:

Star Performer ★ ★ ★

No. of Boxes

High

CITPL

★ ★ **Slow Bulk Mover**

CCTL

AKPPL Dwell Time

Low

DBGT

AECT

High

ICFT

NMPT

Low

High Potential ★ ★

● Southern

★ **Needs Improvement**

X-Axis: Dwell Time
Threshold value (in hours): 60.2

◯ Bubble size represents the terminal capacity

Y-Axis: No. of Boxes
Threshold value (no. of boxes): 28,511

Star Performer ★ ★ ★

Entities with high container count and low dwell time

High Potential ★ ★

Entities with low container count and low dwell time

Slow Bulk Movers ★ ★

Entities with high container count and high dwell time

Needs Improvement ★

Entities with low container count and high dwell time

Note: Terminal abbreviation details are mentioned in annexure

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

	Performance Index – Jan'25

Star Performer ★ ★ ★   ★ ★ Slow Bulk Mover

Change in no. of boxes

B

A

C

Change in Dwell Time

D

G

E

H

High Potential ★ ★   ★ Needs Improvement

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

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

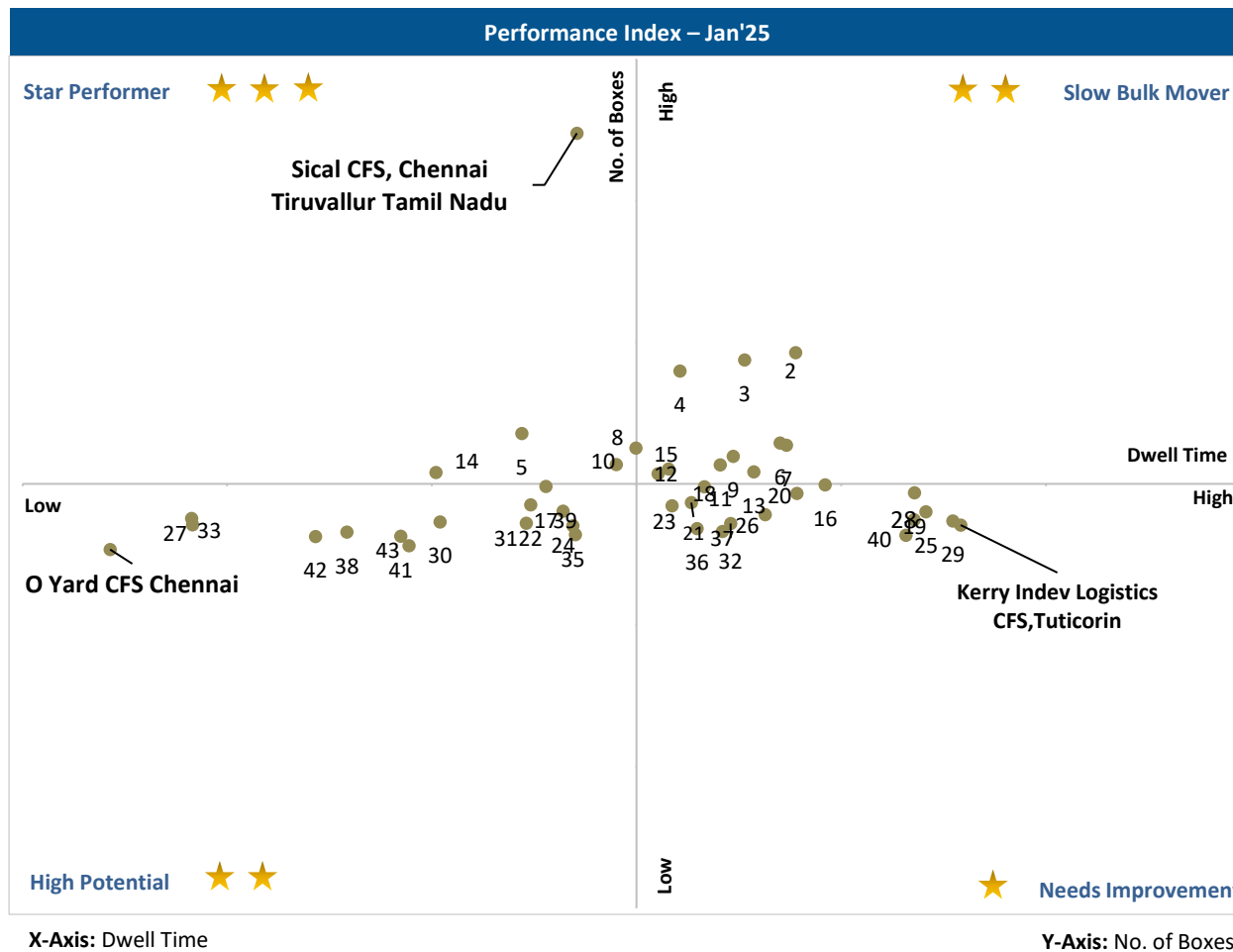Performance benchmarking of terminals based on dwell time vis-a-vis capacity (in TEU):

Performance Index – Jan'25

Star Performer ⭐⭐⭐

⭐⭐ Slow Bulk Mover

TEU Capacity — High

H

B

A

E — Dwell Time, High

Low

D

C

G

Low

High Potential ⭐⭐

⭐ Needs Improvement

X-Axis: Dwell Time

Y-Axis: TEU Capacity

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

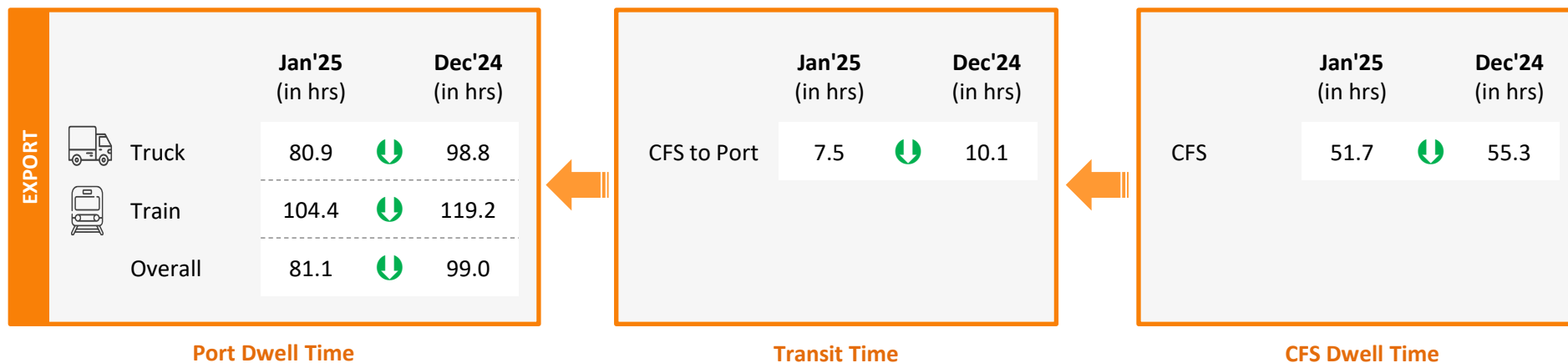*Note: For MCTPL the free time is not included in the calculations

CFS Performance Benchmarking: **Southern Region**

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

Top Performing CFS

Sical CFS, Chennai Tiruvallur Tamil Nadu

High Potential CFS

O Yard CFS Chennai

Low Performing CFS

Kerry Indev Logistics CFS,Tuticorin

Performance Index – Jan'25

Star Performer ★ ★ ★   High   ★ ★ Slow Bulk Mover

No. of Boxes

Sical CFS, Chennai Tiruvallur Tamil Nadu

Dwell Time

High

Low

O Yard CFS Chennai

Kerry Indev Logistics CFS,Tuticorin

Low

High Potential ★ ★   ★ Needs Improvement

X-Axis: Dwell Time   **Y-Axis:** No. of Boxes

Note:
Please refer annexure for CFS names

Chennai Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Jan'25 (in hrs)		Dec'24 (in hrs)
Truck	40.7	⬇	49.1
Train	73.7	⬇	81.7
Overall	41.1	⬇	49.7

Transit Time

	Jan'25 (in hrs)	Dec'24 (in hrs)
Port to CFS	2.9	2.9

CFS Dwell Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
CFS	138.1	⬆	114.6

Port Dwell Time

EXPORT

	Jan'25 (in hrs)		Dec'24 (in hrs)
Truck	80.9	⬇	98.8
Train	104.4	⬇	119.2
Overall	81.1	⬇	99.0

Transit Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
CFS to Port	7.5	⬇	10.1

CFS Dwell Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
CFS	51.7	⬇	55.3

Container Lifecycle (Export Cycle)

⬇ ⬆ Indicates decrease/ increase in time from last month
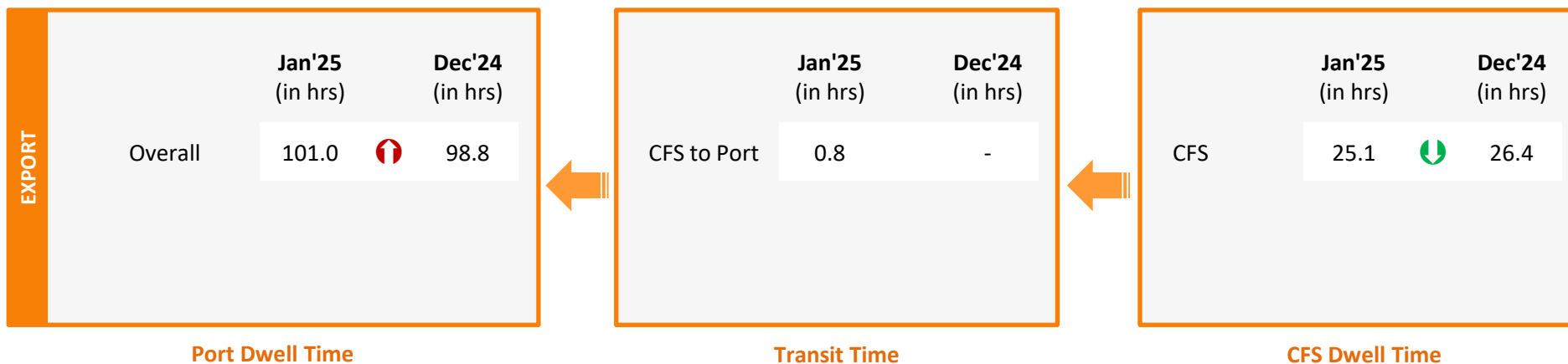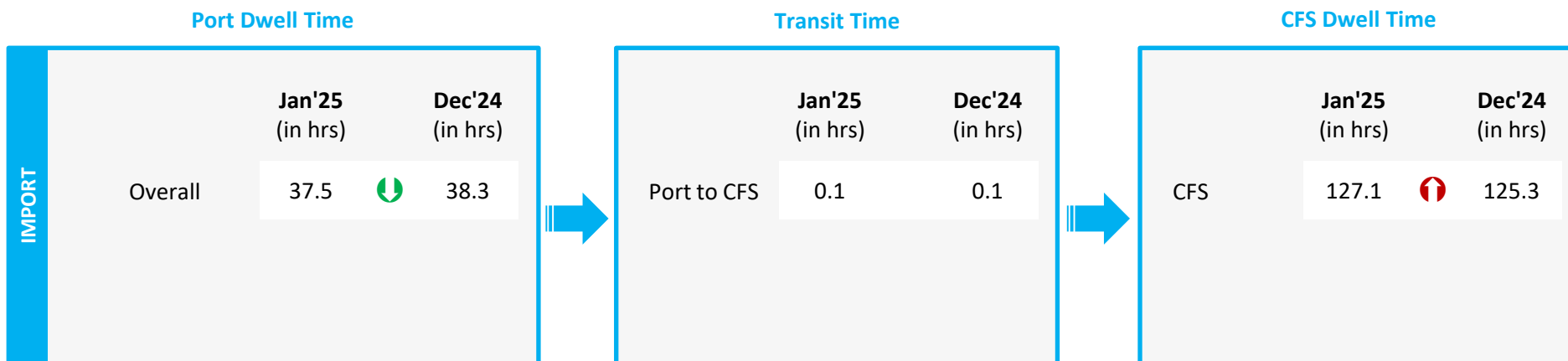
Parking Plaza Analysis: **Chennai Port**

The analysis showcases waiting time of containers at parking plaza

Parking Plaza Dwell Time (Gate In – Gate Out)	Jan'25 (in hrs)	Dec'24 (in hrs)
Thiruvottiyur CWC DPE Facility	4.8	5.0

Container Count Percentage: Hour-wise (Jan'25)

	Within 2 hrs	2-4 hrs	4-8 hrs	8-16 hrs	16-24 hrs	More than 24 hrs
Parking Plaza Dwell Time	11%	28%	31%	23%	4%	3%

Kochi Port Performance

Container Lifecycle (Import Cycle)

IMPORT

Port Dwell Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
Overall	37.5	⬇	38.3

Transit Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
Port to CFS	0.1		0.1

CFS Dwell Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
CFS	127.1	⬆	125.3

EXPORT

Port Dwell Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
Overall	101.0	⬆	98.8

Transit Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
CFS to Port	0.8		-

CFS Dwell Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
CFS	25.1	⬇	26.4

Container Lifecycle (Export Cycle)

⬇ ⬆ Indicates decrease/ increase in time from last month

Kattupalli Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
Overall	64.1	⬇	69.3

Transit Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
Port to CFS	2.0	⬆	1.9

CFS Dwell Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
CFS	138.1	⬆	114.6

IMPORT

Port Dwell Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
Overall	131.9	⬇	143.2

Transit Time

	Jan'25 (in hrs)	Dec'24 (in hrs)
CFS to Port	-	-

CFS Dwell Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
CFS	51.7	⬇	55.3

EXPORT

Container Lifecycle (Export Cycle)

⬇ ⬆ Indicates decrease/ increase in time from last month

Tuticorin Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time
	Jan'25 (in hrs)		Dec'24 (in hrs)
Overall	27.3	⬇	33.1

Transit Time
	Jan'25 (in hrs)	Dec'24 (in hrs)
Port to CFS	0.8	0.8

CFS Dwell Time
	Jan'25 (in hrs)		Dec'24 (in hrs)
CFS	168.4	⬆	161.6

IMPORT

Port Dwell Time
	Jan'25 (in hrs)		Dec'24 (in hrs)
Overall	69.4	⬆	62.2

Transit Time
	Jan'25 (in hrs)	Dec'24 (in hrs)
CFS to Port	1.6	1.6

CFS Dwell Time
	Jan'25 (in hrs)		Dec'24 (in hrs)
CFS	24.4	⬇	26.6

EXPORT

Container Lifecycle (Export Cycle)

⬇ ⬆ Indicates decrease/ increase in time from last month

© NICDC Logistics Data Services Limited

Ennore Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT		Jan'25 (in hrs)		Dec'24 (in hrs)
	Truck	37.7	⬇	55.1
	Train	71.1	⬆	45.1
	Overall	38.0	⬇	53.6

Transit Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
Port to CFS	1.6	⬇	1.7

CFS Dwell Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
CFS	138.1	⬆	114.6

Port Dwell Time

EXPORT		Jan'25 (in hrs)		Dec'24 (in hrs)
	Truck	108.3	⬇	138.1
	Train	123.3	⬆	101.3
	Overall	108.6	⬇	125.9

Transit Time

	Jan'25 (in hrs)	Dec'24 (in hrs)
CFS to Port	-	-

CFS Dwell Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
CFS	51.7	⬇	55.3

Container Lifecycle (Export Cycle)

⬇ ⬆ Indicates decrease/ increase in time from last month

New Mangalore Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT		Jan'25 (in hrs)		Dec'24 (in hrs)
	Overall	47.0*	🔴	41.3*

EXPORT		Jan'25 (in hrs)		Dec'24 (in hrs)
	Overall	50.7*	🟢	53.4*

Port Dwell Time

Container Lifecycle (Export Cycle)

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

🟢 🔴 Indicates decrease/ increase in time from last month

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

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

Region	Port	Adjacent Toll plaza	Distance (in Km)	Average Speed (in Km/hr)	
				Jan'25	Dec'24
Southern	Kochi	Ponnarimangalam	5	18.8	16.7
	New Mangalore	Brahamarakotlu	25	25.9	25.4
	New Mangalore	Gundmi Toll Plaza, NH66	69	21.6	20.5
	New Mangalore	Talapady Toll Plaza, NH66	23	21.9	21.9
	Chennai	Mathur	25	12.4	13.0
	Kattupalli	Mathur	28	19.8	16.2
	Ennore	Mathur	21	11.3	12.2
	Tuticorin	Pudurpandiyapuram	29	37.4	37.0

Toll Plaza Analysis: **Chennai and Ennore Port**
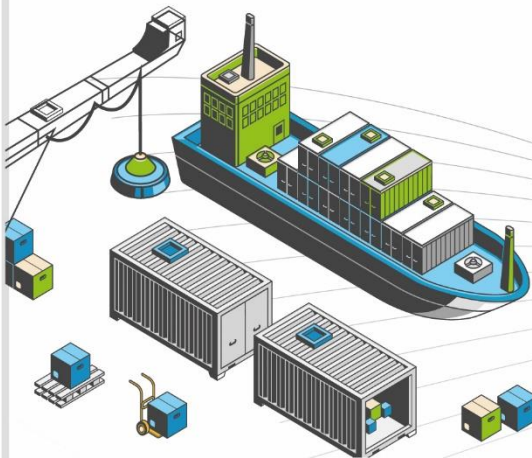
The average speed of trucks to cover the distance between adjacent toll plazas for Jan'25:

Route	Distance (Km)	Speed (km/hrs)	
		Jan'25	Dec'24
Mathur - Nemili	43.9	24.1	21.6
Vikravandi - Sengurichi	47.1	-	33.6

Ennore Port

Mathur Toll Plaza

Nemili Toll Plaza

Chennai Port

Vikravandi Toll Plaza

Puducherry

Sengurichi Toll Plaza
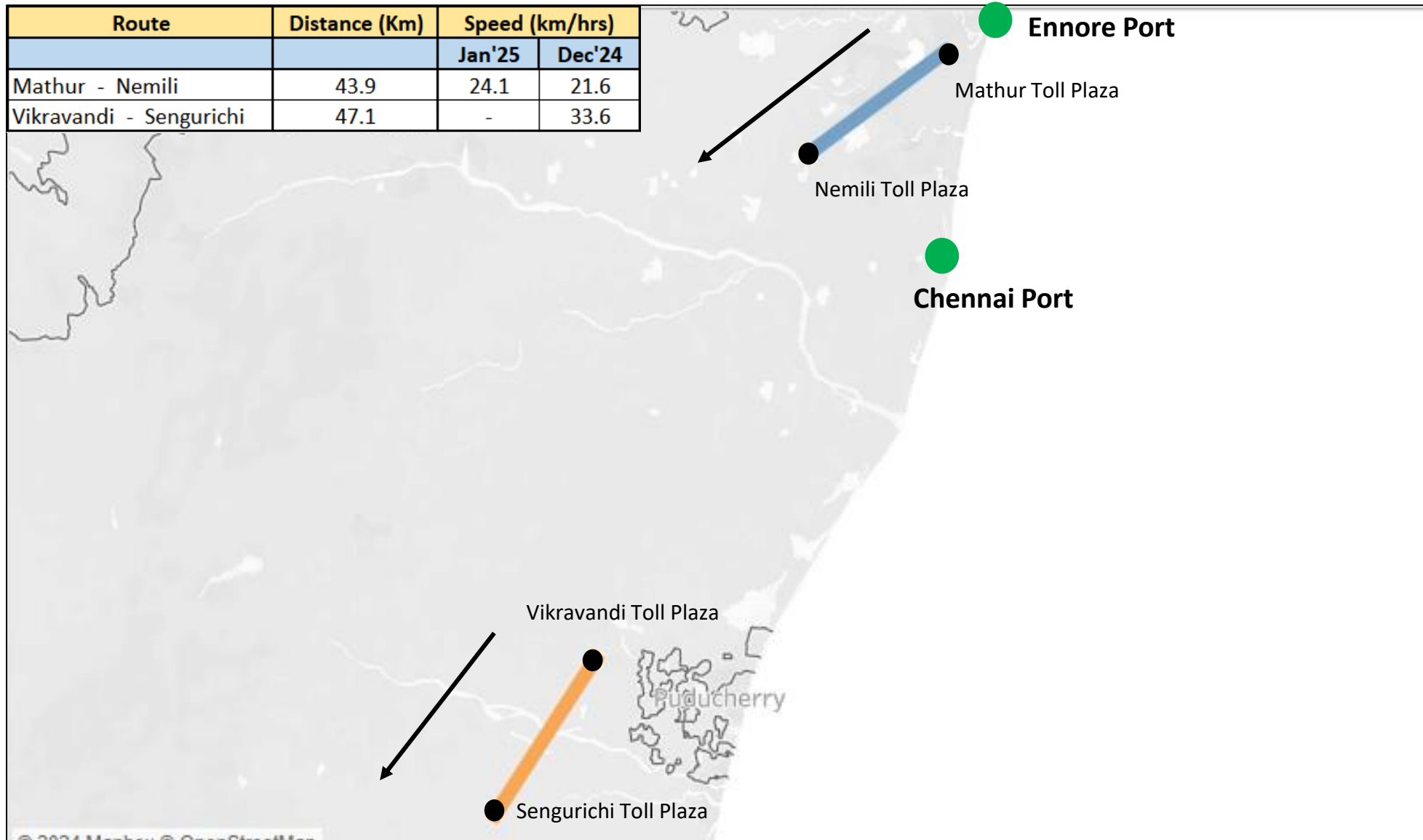
Toll Plaza Analysis: **Kochi Port**

The average speed of trucks to cover the distance between adjacent toll plazas for Jan'25:

Route	Distance (Km)	Speed (km/hrs)	
		Jan'25	**Dec'24**
Towards Coimbatore			
Ponnarimangalam - GIPL Palayekara	64.1	25.5	27.1
Towards Trivandrum			
Ponnarimangalam - Kumbalam	20.0	19.8	-

GIPL Palayekara Toll Plaza

Towards Coimbatore

Kochi Port

Ponnarimangalam Toll Plaza

Towards Trivandrum

Kumbalam Toll Plaza
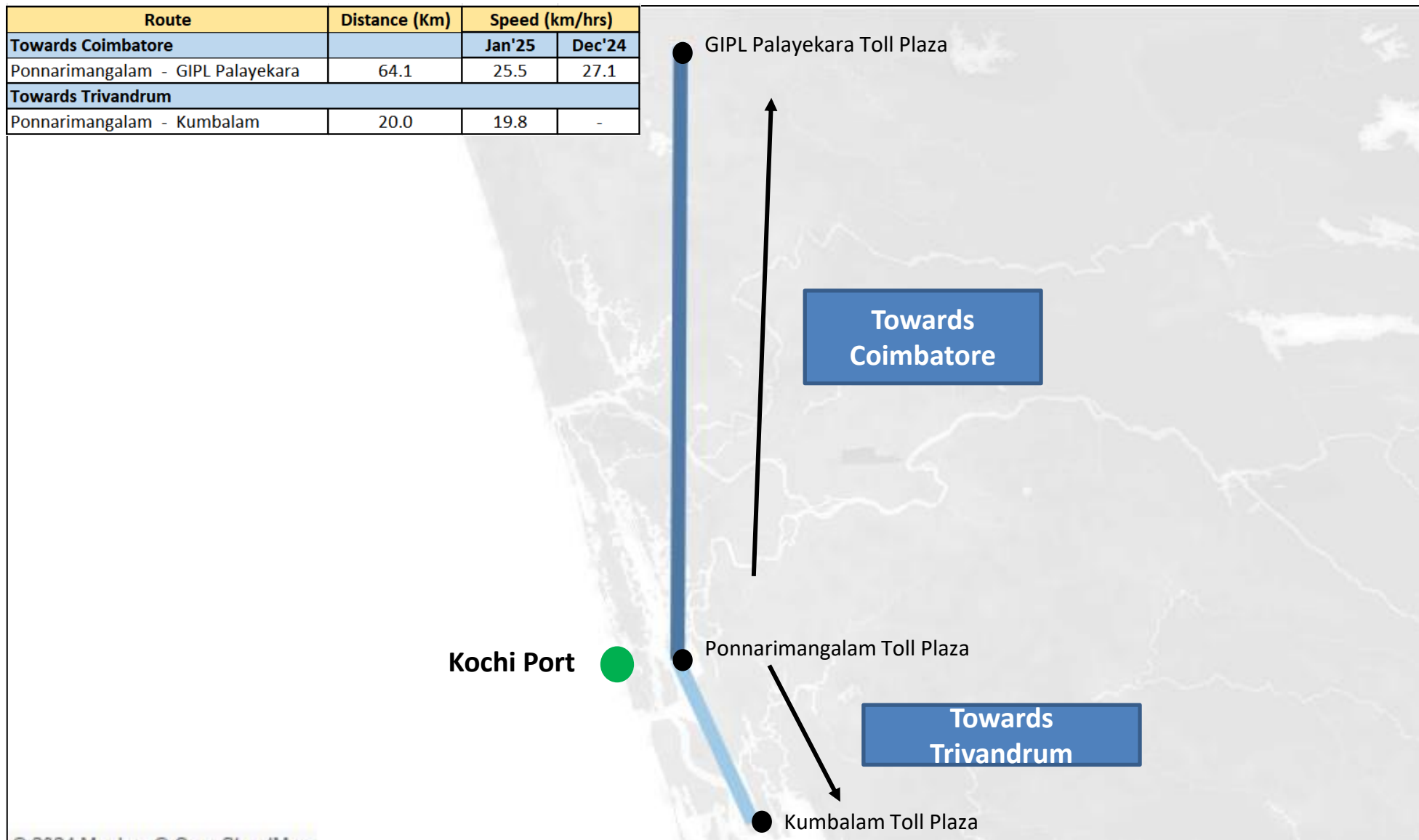
Toll Plaza Analysis: **Tuticorin Port**

The average speed of trucks to cover the distance between adjacent toll plazas for Jan'25:

Route	Distance (Km)	Speed (km/hrs)	
Towards Trichy		**Jan'25**	**Dec'24**
Pudurpandiyapuram - Eliyarpathi	113.0	21.3	19.5
Eliyarpathi - Kodai	60.8	30.9	31.6

Kodai Toll Plaza

Eliyarpathi Toll Plaza

Towards Trichy

Pudurpandiyapuram Toll Plaza

Tuticorin Port

EASTERN REGION PERFORMANCE

www.ldb.co.in
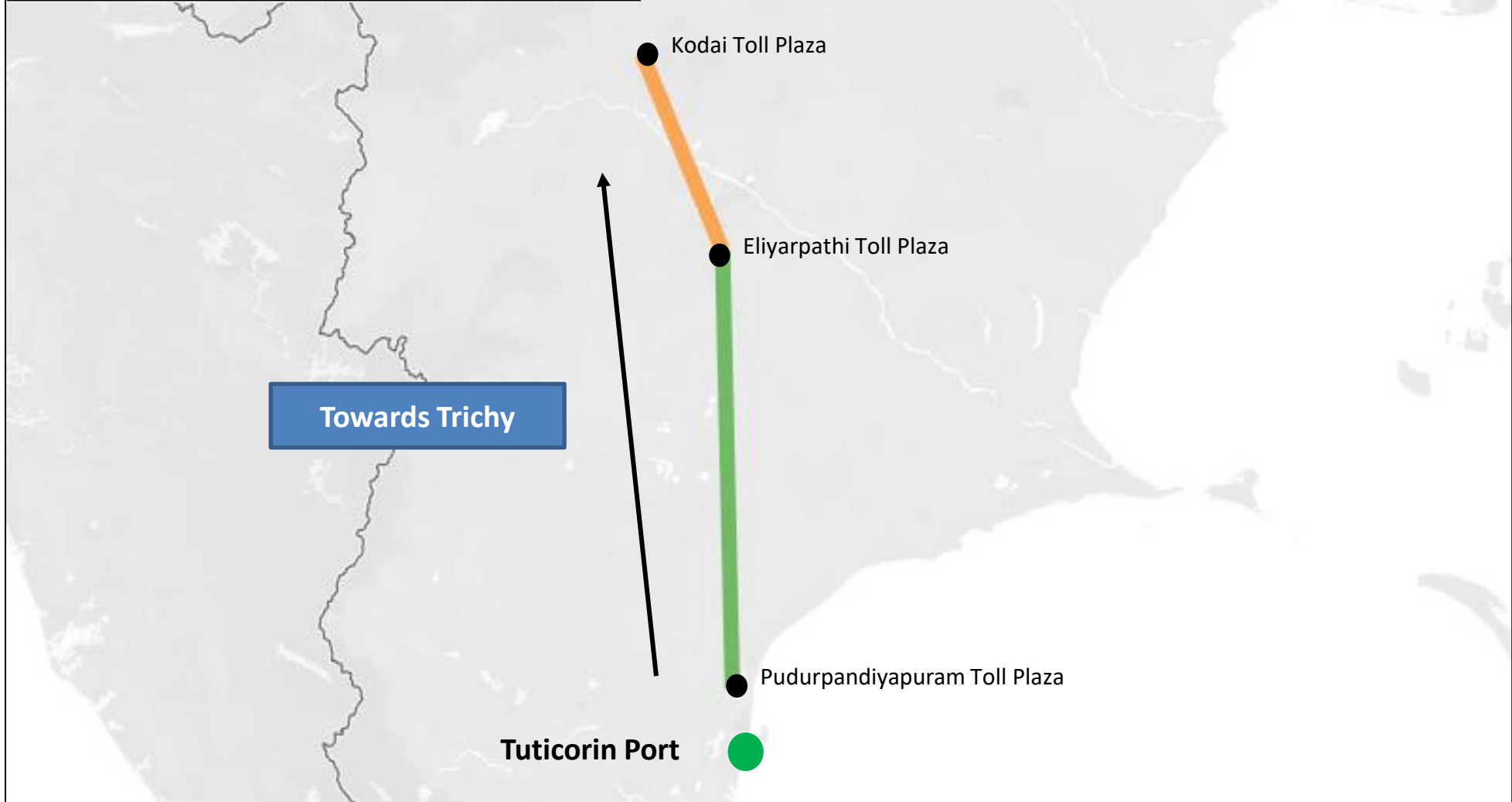
Container Count: **Eastern Region**

Eastern Region
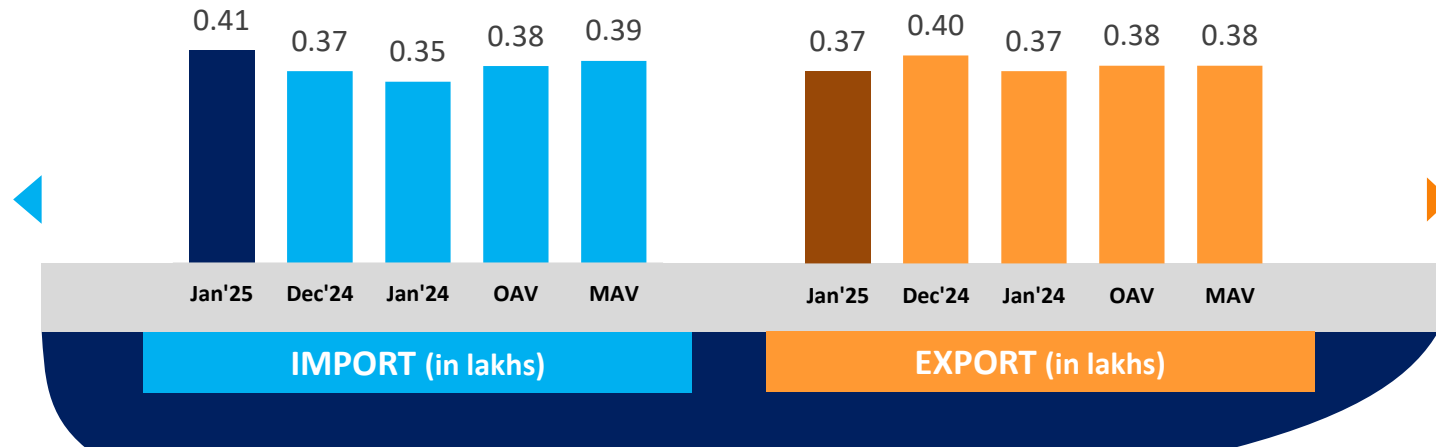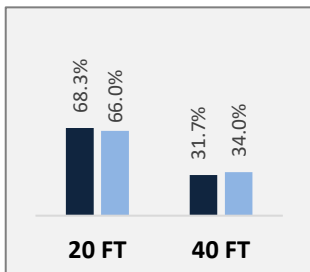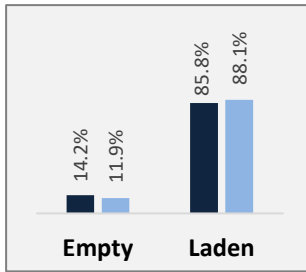
IMPORT (in lakhs)

Jan'25	Dec'24	Jan'24	OAV	MAV
0.41	0.37	0.35	0.38	0.39

EXPORT (in lakhs)

Jan'25	Dec'24	Jan'24	OAV	MAV
0.37	0.40	0.37	0.38	0.38

Container Size-wise (Import)

	20 FT	40 FT
Jan'25	68.3%	31.7%
Dec'24	66.0%	34.0%

Container Type-wise (Import)

	Empty	Laden
Jan'25	14.2%	85.8%
Dec'24	11.9%	88.1%

Container Count - Annual Average (in lakhs/ month)

	2020	2021	2022	2023	2024
IMPORT	0.33	0.39	0.39	0.40	0.36
EXPORT	0.34	0.39	0.37	0.41	0.37

Container Size-wise (Export)

	20 FT	40 FT
Jan'25	66.6%	33.4%
Dec'24	69.2%	30.8%

Container Type-wise (Export)

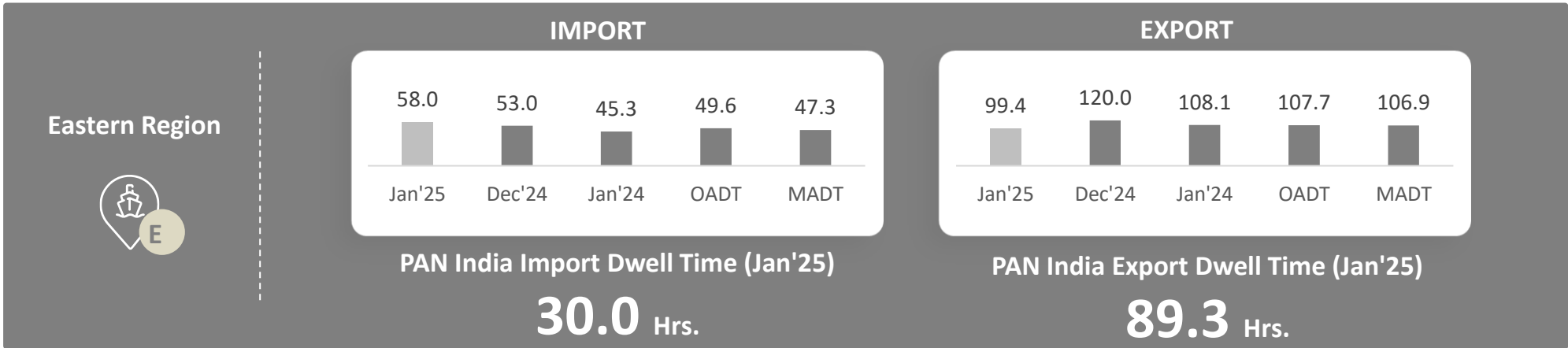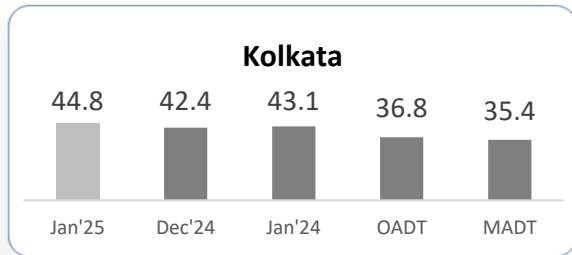|	Empty	Laden
Jan'25	21.0%	79.0%
Dec'24	14.5%	85.5%
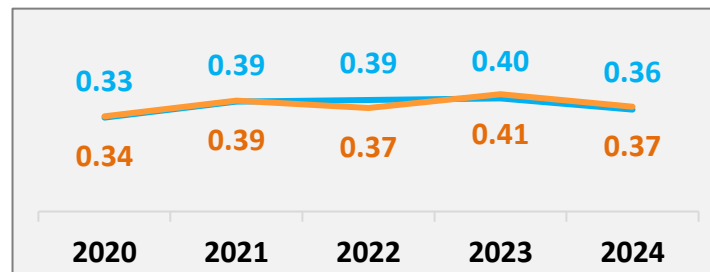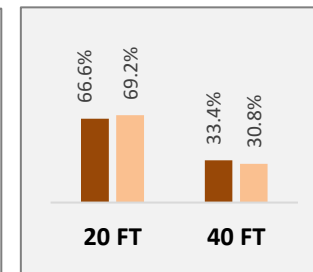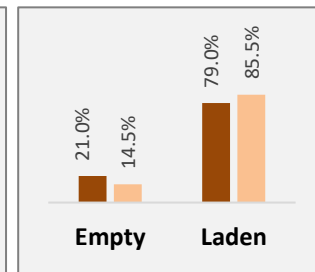
OAV – Overall Avg Volume
MAV – Monthly Avg Volume

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

NLDS
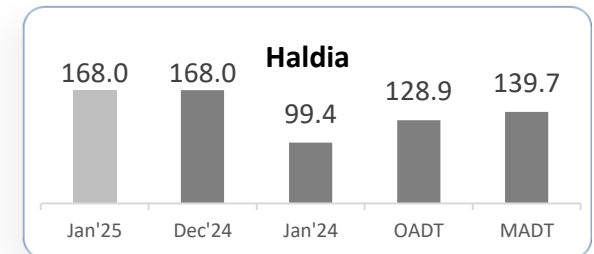NICDC LOGISTICS DATA SERVICES LTD
Logistics Redefined

Eastern Region

IMPORT

Jan'25	Dec'24	Jan'24	OADT	MADT
58.0	53.0	45.3	49.6	47.3

PAN India Import Dwell Time (Jan'25)
30.0 Hrs.

EXPORT

Jan'25	Dec'24	Jan'24	OADT	MADT
99.4	120.0	108.1	107.7	106.9

PAN India Export Dwell Time (Jan'25)
89.3 Hrs.

IMPORT — Ports

Kolkata

Jan'25	Dec'24	Jan'24	OADT	MADT
44.8	42.4	43.1	36.8	35.4

Visakhapatnam

Jan'25	Dec'24	Jan'24	OADT	MADT
64.9	55.5	45.4	58.9	54.6

Haldia

Jan'25	Dec'24	Jan'24	OADT	MADT
71.8	83.4	85.2	87.4	73.7

EXPORT — Ports

Kolkata

Jan'25	Dec'24	Jan'24	OADT	MADT
88.8	137.2	119.6	123.8	114.2

Visakhapatnam

Jan'25	Dec'24	Jan'24	OADT	MADT
91.6	97.9	103.0	93.2	97.1

Haldia

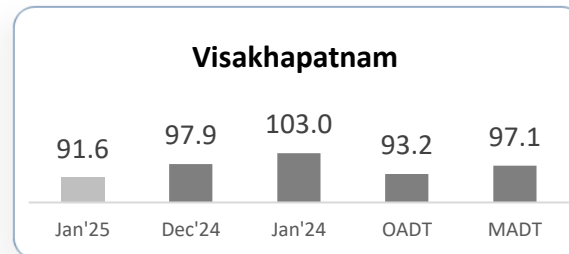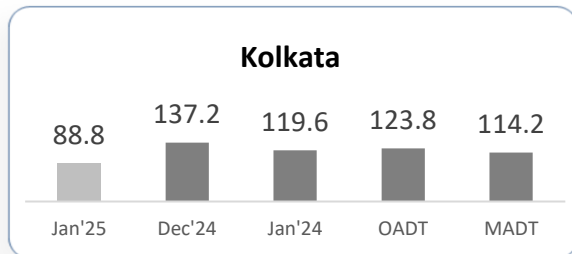| Jan'25	Dec'24	Jan'24	OADT	MADT
168.0	168.0	99.4	128.9	139.7

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

Note:
All values are in hours

Container Turnaround Analysis: **Eastern Region**

Container turnaround analysis showcases the percentage of container count (no. of boxes) retained by respective ports. This analyzes the number of containers getting imported and exported from same port along with the time taken by them to complete the cycle.

Port In (Import Cycle)	Port Out (Export Cycle)	No. of Boxes Handled (in Percentage)			Turnaround Time (in Days)		
		Jan'25	Dec'24	Jan'24	Jan'25	Dec'24	Jan'24
Visakhapatnam	Visakhapatnam	91%	94%	95%	33.5	33.7	30.1
	Other Ports	9%	6%	5%	79.9	67.1	63.7
Kolkata	Kolkata	88%	85%	91%	33.6	36.6	37.7
	Haldia	9%	12%	6%	40.5	47.9	42.4
	Other Ports	3%	3%	3%	59.7	63.4	48.6
Haldia	Haldia	69%	75%	91%	38.0	34.0	49.0
	Kolkata	27%	25%	8%	36.3	36.2	43.1
	Other Ports	4%	-	1%	49.8	-	60.9

Note: Please refer annexure for Container Turnaround Analysis Methodology

Eastern Region Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Jan'25 (in hrs)		Dec'24 (in hrs)
🚚 Truck	49.2	🔺	48.0
🚆 Train	217.8	🔺	184.6
Overall	58.0	🔺	53.0

CFS/ ICD Dwell Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
CFS	158.9	🔺	143.9
ICD	82.3		-

Port Dwell Time

EXPORT

	Jan'25 (in hrs)		Dec'24 (in hrs)
🚚 Truck	96.0	🔻	118.7
🚆 Train	135.4	🔻	137.1
Overall	99.4	🔻	120.0

CFS/ ICD Dwell Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
CFS	79.3	🔻	82.5
ICD	115.6	🔺	110.5

Container Lifecycle (Export Cycle)

🔻 🔺 Indicates decrease/ increase in dwell time from last month

Port Performance Benchmarking: **Eastern Region**

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

	Performance Index – Jan'25

Star Performer ★ ★ ★

No. of Boxes

High

★ ★ Slow Bulk Mover

• B

• C

Dwell Time

Low

High

• A

High Potential ★ ★

Low

★ Needs Improvement

X-Axis: Dwell Time
Threshold value (in hours): 82.5

Y-Axis: No. of Boxes
Threshold value (no. of boxes): 24,714

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

NLDS
NICDC LOGISTICS DATA SERVICES LTD
Logistics Redefined

Performance benchmarking of terminals based on dwell time, container count (no. of boxes) handled, and terminal capacity for Jan'25:

Star Performer ★ ★ ★

No. of Boxes

High

★ ★ **Slow Bulk Mover**

KDS

VCTPL

Dwell Time

High

Low

HICT

Low

● Eastern

High Potential ★ ★

★ **Needs Improvement**

○ Bubble size represents the terminal capacity

X-Axis: Dwell Time
Threshold value (in hours): 82.5

Y-Axis: No. of Boxes
Threshold value (no. of boxes): 24,714

Star Performer ★ ★ ★

Entities with high container count and low dwell time

High Potential ★ ★

Entities with low container count and low dwell time

Slow Bulk Movers ★ ★

Entities with high container count and high dwell time

Needs Improvement ★

Entities with low container count and high dwell time

Note: Terminal abbreviation details are mentioned in annexure

Performance benchmarking of terminals based on the change from previous year same month in dwell time vis-a-vis container count (no. of boxes) handled:
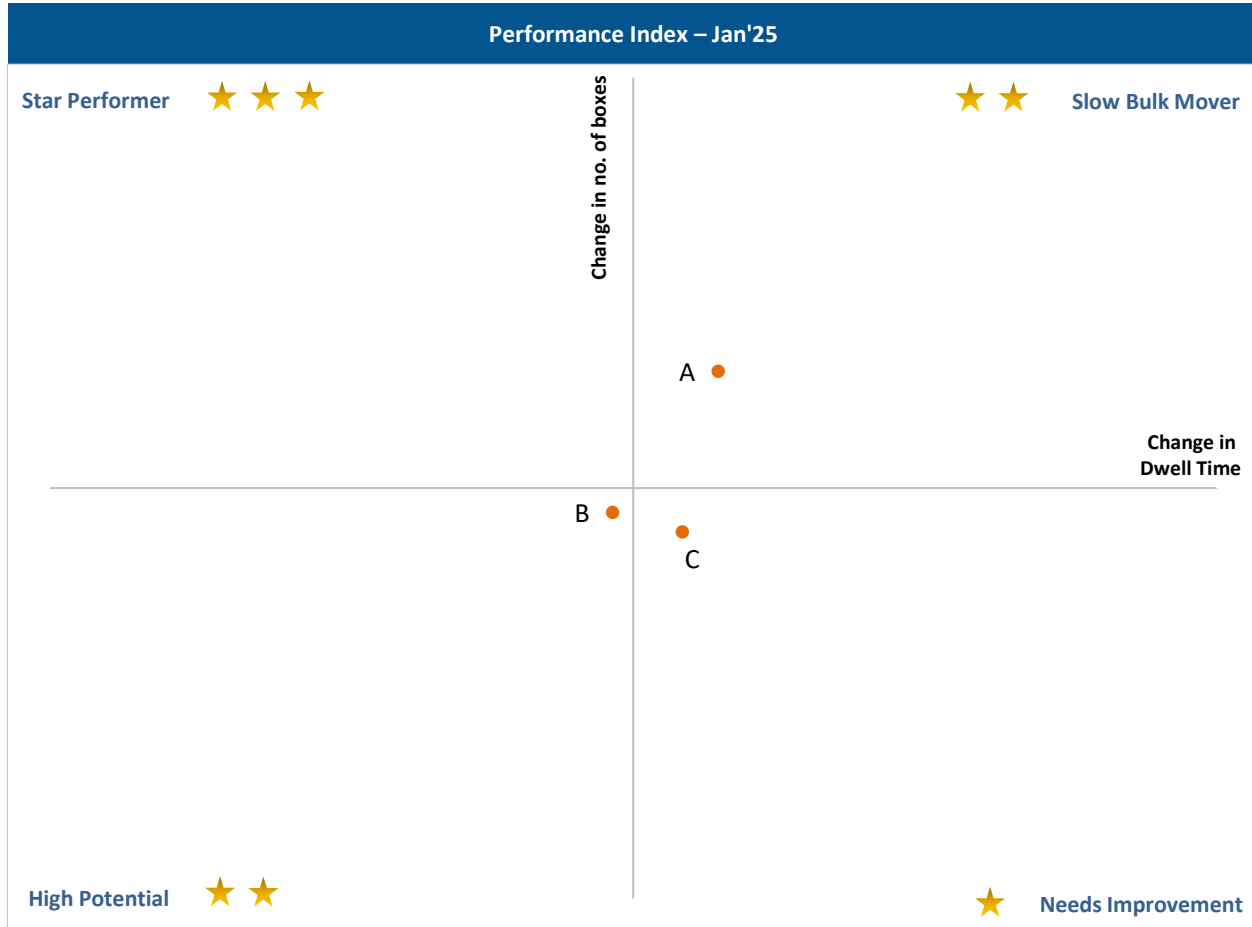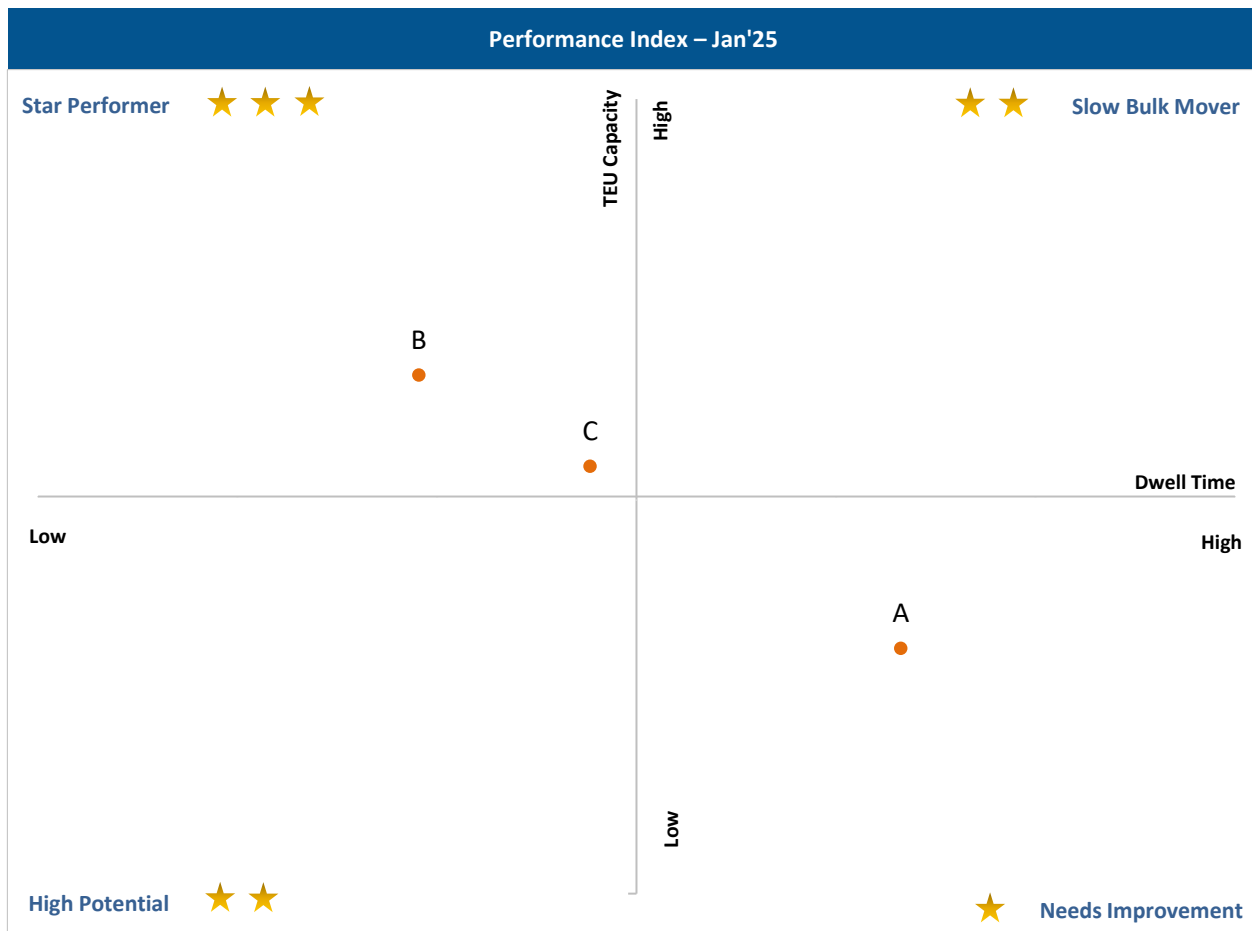
Abb.	Name of Terminal
A	Haldia International Container Terminal (HICT)
B	Kolkata Dock System (KDS) , Kolkata Port
C	Visakha Container Terminal

Performance Index – Jan'25

Star Performer ★ ★ ★

★ ★ Slow Bulk Mover

Change in no. of boxes

A ●

Change in Dwell Time

B ●

C ●

High Potential ★ ★

★ Needs Improvement

X-Axis: Change in dwell time

Y-Axis: Change in no. of boxes

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

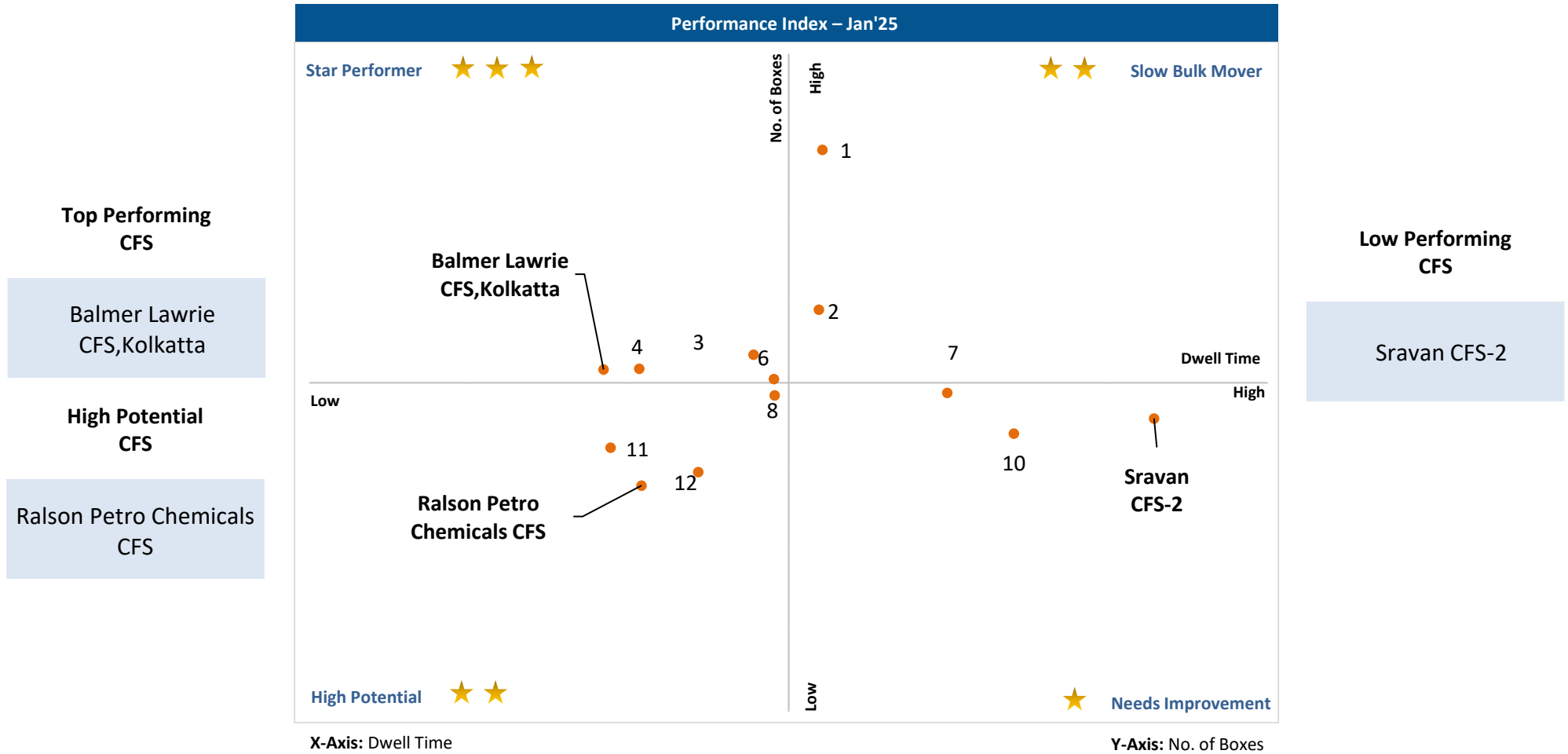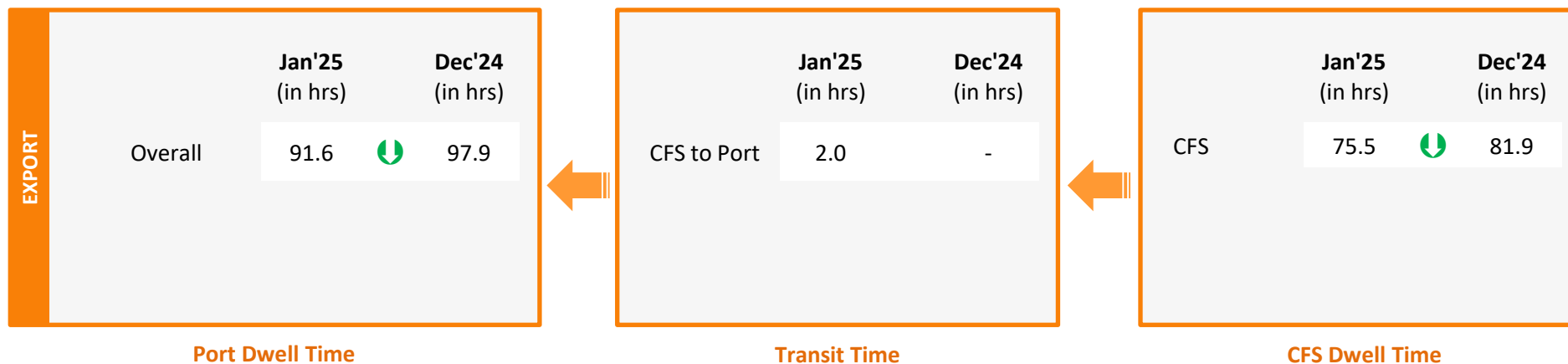Performance benchmarking of terminals based on dwell time vis-a-vis capacity (in TEU):

Performance Index – Jan'25

⭐ ⭐ ⭐ **Star Performer**

⭐ ⭐ **Slow Bulk Mover**

TEU Capacity — High

B ●

C ●

Dwell Time

Low — High

A ●

Low

⭐ ⭐ **High Potential**

⭐ **Needs Improvement**

X-Axis: Dwell Time

Y-Axis: TEU Capacity

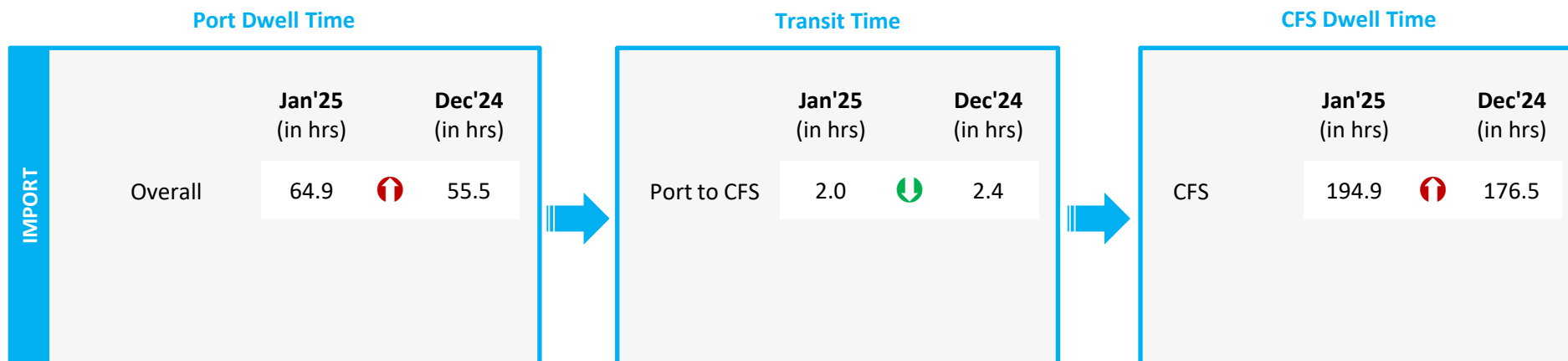| Abb.	Name of Terminal
A	Haldia International Container Terminal (HICT)
B	Kolkata Dock System (KDS) , Kolkata Port
C	Visakha Container Terminal

CFS Performance Benchmarking: **Eastern Region**

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

Performance Index – Jan'25

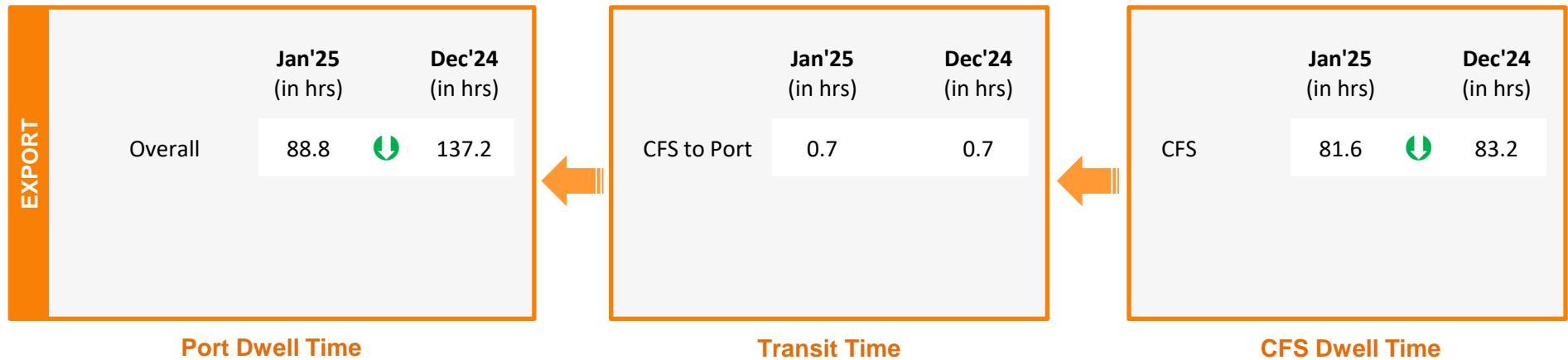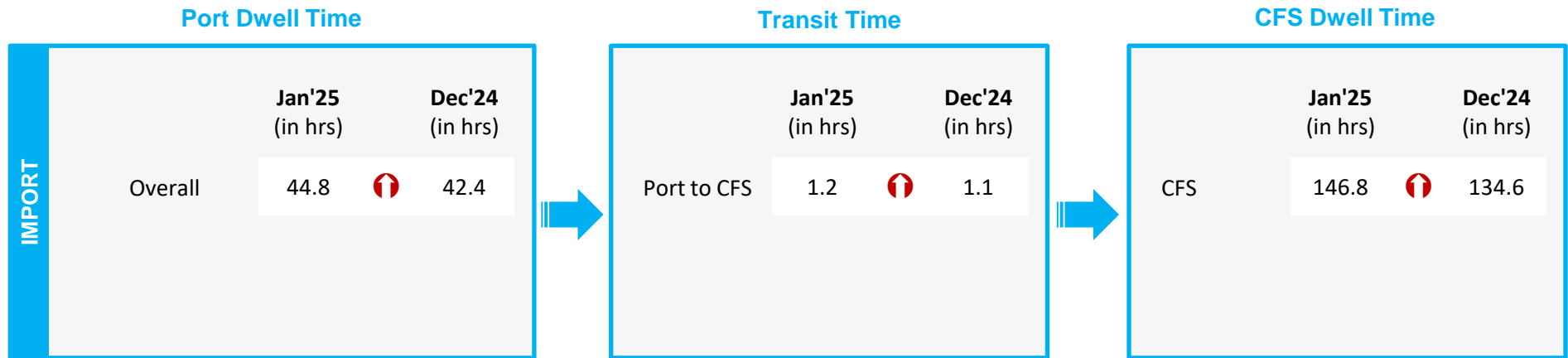Star Performer ★ ★ ★

No. of Boxes — High

Slow Bulk Mover ★ ★

Top Performing CFS

Balmer Lawrie CFS,Kolkatta

High Potential CFS

Ralson Petro Chemicals CFS

Low Performing CFS

Sravan CFS-2

Balmer Lawrie CFS,Kolkatta

Ralson Petro Chemicals CFS

1
2
4
3
6
7
8
11
12
10

Sravan CFS-2

Dwell Time
High

Low

Low

High Potential ★ ★

Needs Improvement ★

X-Axis: Dwell Time

Y-Axis: No. of Boxes

Note:
Please refer annexure for CFS names

© NICDC Logistics Data Services Limited ——— Eastern Region   Page 85

Visakhapatnam Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
Overall	64.9	↑	55.5

Transit Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
Port to CFS	2.0	↓	2.4

CFS Dwell Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
CFS	194.9	↑	176.5

IMPORT

Port Dwell Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
Overall	91.6	↓	97.9

Transit Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
CFS to Port	2.0		-

CFS Dwell Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
CFS	75.5	↓	81.9

EXPORT

Container Lifecycle (Export Cycle)

↓ ↑ Indicates decrease/ increase in time from last month

© NICDC Logistics Data Services Limited

Kolkata Port Performance

Container Lifecycle (Import Cycle)

IMPORT

Port Dwell Time	Jan'25 (in hrs)		Dec'24 (in hrs)
Overall	44.8	🔴	42.4

Transit Time	Jan'25 (in hrs)		Dec'24 (in hrs)
Port to CFS	1.2	🔴	1.1

CFS Dwell Time	Jan'25 (in hrs)		Dec'24 (in hrs)
CFS	146.8	🔴	134.6

EXPORT

Port Dwell Time	Jan'25 (in hrs)		Dec'24 (in hrs)
Overall	88.8	🟢	137.2

Transit Time	Jan'25 (in hrs)		Dec'24 (in hrs)
CFS to Port	0.7		0.7

CFS Dwell Time	Jan'25 (in hrs)		Dec'24 (in hrs)
CFS	81.6	🟢	83.2

Container Lifecycle (Export Cycle)

🟢 🔴 Indicates decrease/ increase in time from last month

Parking Plaza Analysis: **Kolkata Port**

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

Parking Plaza Dwell Time (Gate In – Gate Out)	Jan'25 (in hrs)	Dec'24 (in hrs)
Phonex M, Q Parking Yard Kolkata	1.6	1.5

Container Count Percentage: Hour-wise (Jan'25)
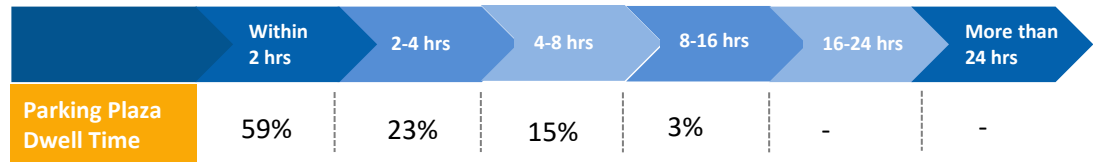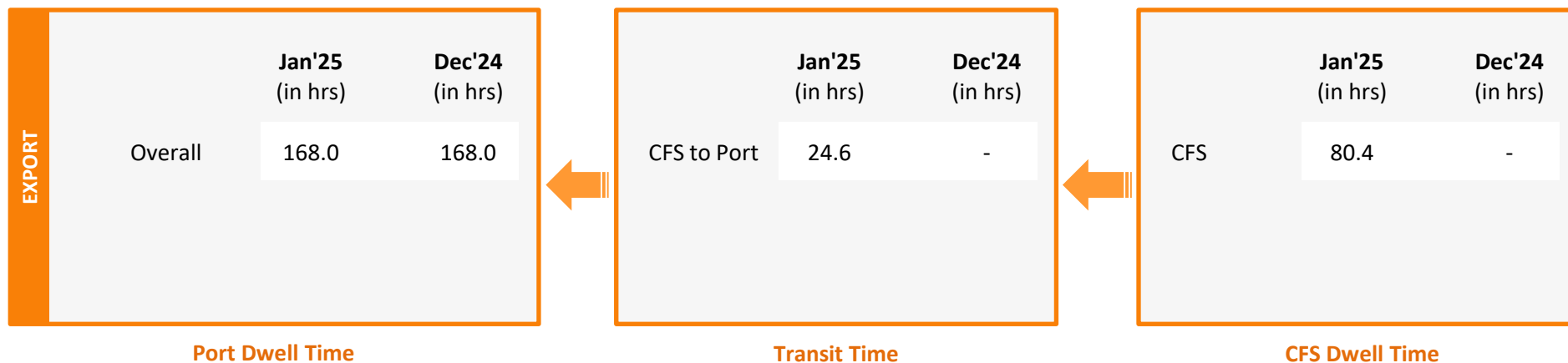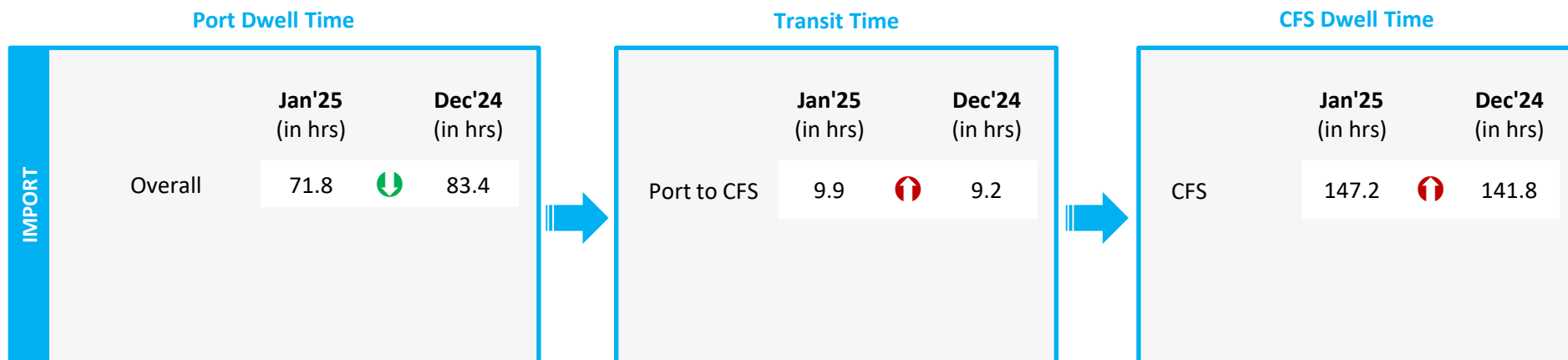
	Within 2 hrs	2-4 hrs	4-8 hrs	8-16 hrs	16-24 hrs	More than 24 hrs
Parking Plaza Dwell Time	59%	23%	15%	3%	-	-

Haldia Port Performance

Container Lifecycle (Import Cycle)

IMPORT

Port Dwell Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
Overall	71.8	⬇	83.4

Transit Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
Port to CFS	9.9	🎧	9.2

CFS Dwell Time

	Jan'25 (in hrs)		Dec'24 (in hrs)
CFS	147.2	🎧	141.8

EXPORT

Port Dwell Time

	Jan'25 (in hrs)	Dec'24 (in hrs)
Overall	168.0	168.0

Transit Time

	Jan'25 (in hrs)	Dec'24 (in hrs)
CFS to Port	24.6	-

CFS Dwell Time

	Jan'25 (in hrs)	Dec'24 (in hrs)
CFS	80.4	-

Port Dwell Time   **Transit Time**   **CFS Dwell Time**

Container Lifecycle (Export Cycle)

⬇ 🎧 Indicates decrease/ increase in time from last month

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

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

Region	Port	Adjacent Toll plaza	Distance (in KM)	Average Speed (in Km/hr)	
				Jan'25	Dec'24
Eastern	Kolkata	Rampura	134	10.3	11.3
		Dankuni	28	7.2	8.1
	Haldia	Sonapetya	44	9.3	9.3
	Visakhapatnam	Nathavalasa	59	16.2	12.6
		Sheelanagar	23	29.4	27.1

Toll Plaza Analysis: **Kolkata Port**

The average speed of trucks to cover the distance between adjacent toll plazas for Jan'25:

Route	Distance (Km)	Speed (km/hrs)	
Towards Odisha, Andhra Pradesh		**Jan'25**	**Dec'24**
Sonapetya - Debra	45.0	30.1	28.0
Debra - Rampura	33.2	36.9	37.0
Rampura - Sergarh	121.0	10.6	13.1
Sergarh - Panikholi	82.8	28.4	30.0

Jaladhalgori Toll Plaza

Kolkata Port

Debra Toll Plaza

Sonapetya Toll Plaza

Rampura Toll Plaza

Towards Odisha and Andhra Pradesh

Sergarh Toll Plaza

Panikholi Toll Plaza
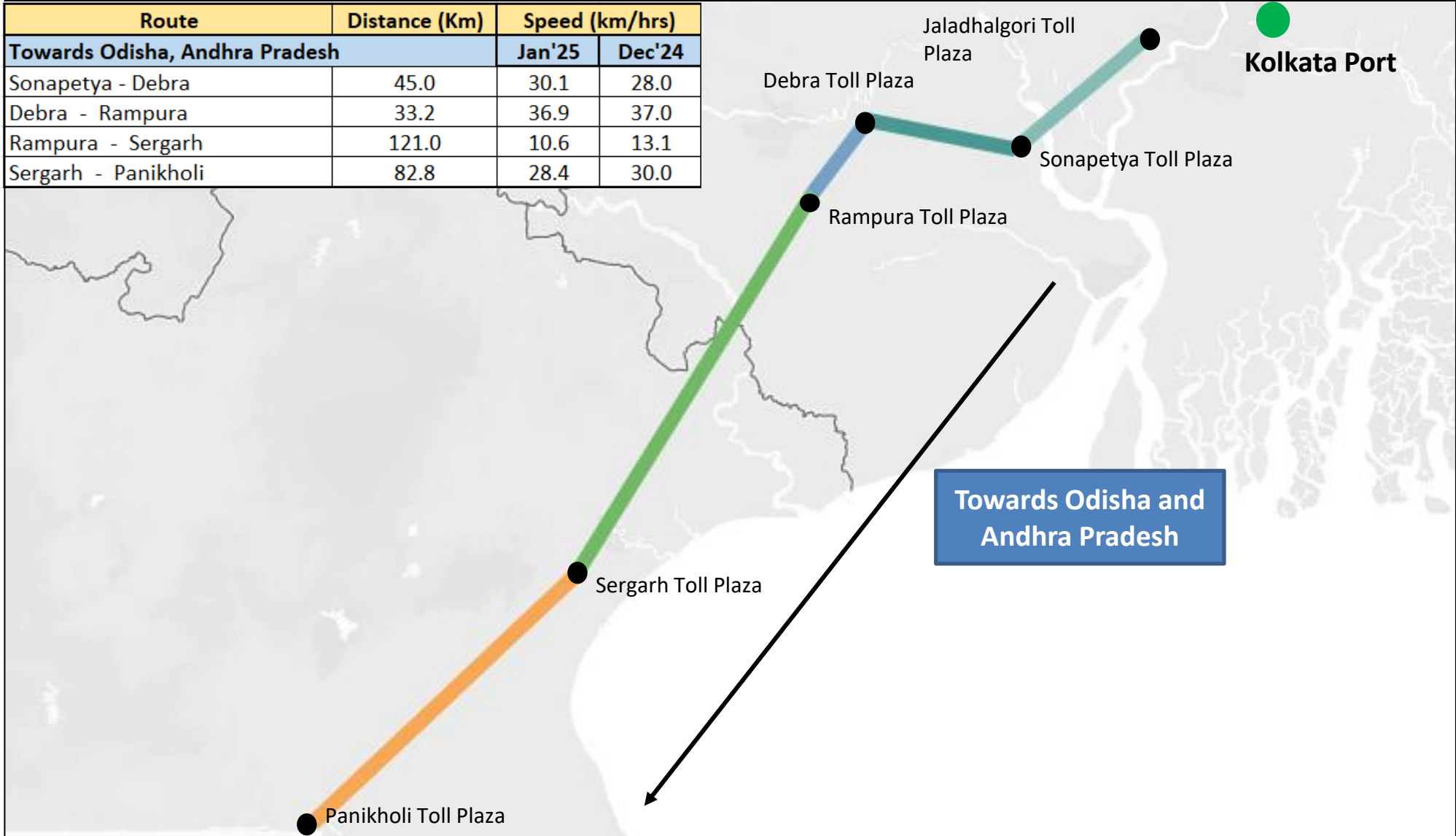
CONGESTION & TRANSIT ANALYSIS

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
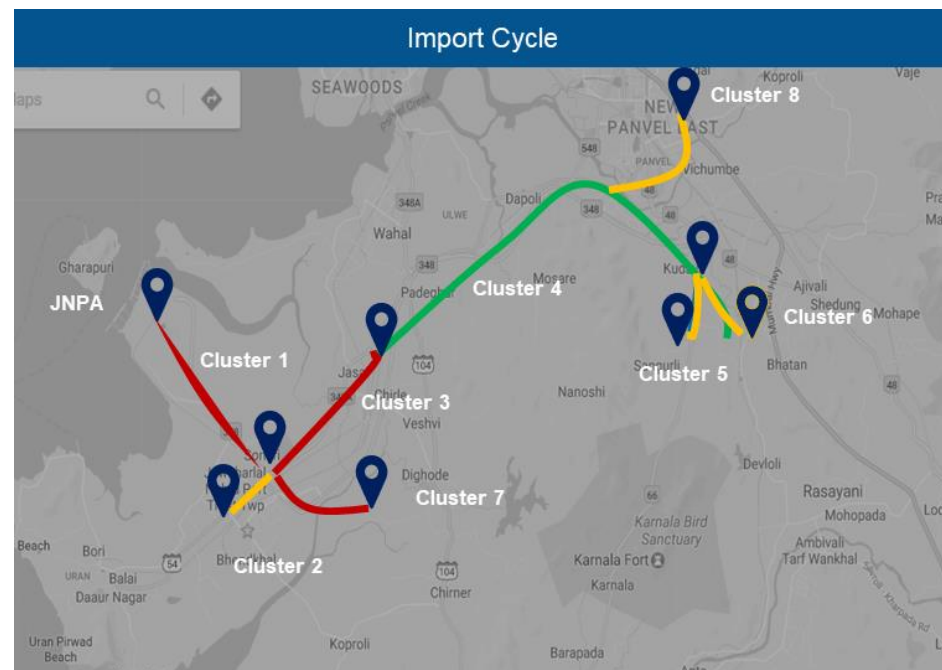
Import Cycle

Congestion Level   ■ High   ■ Medium   ■ Low
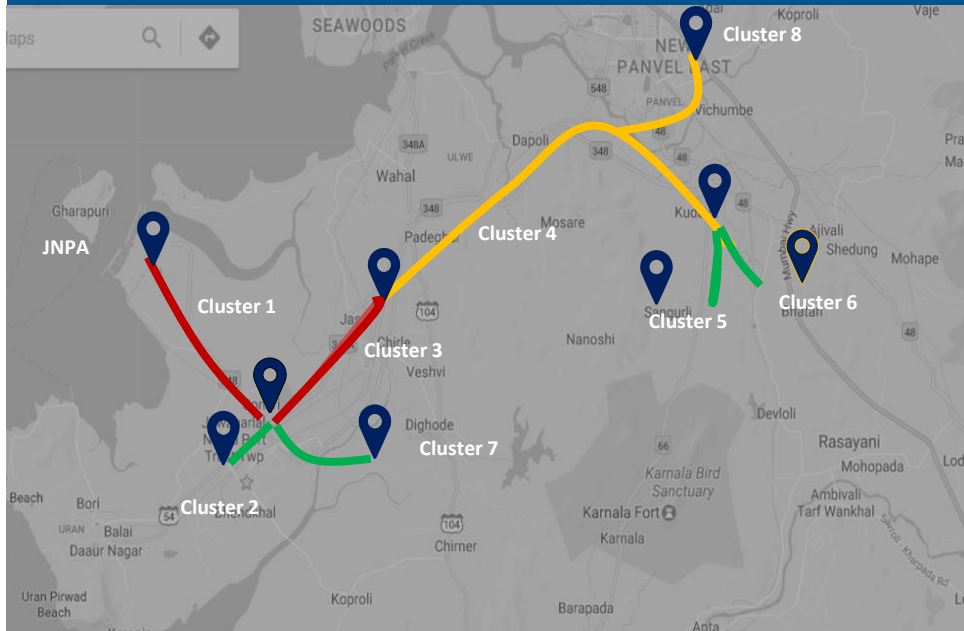
Import Cycle
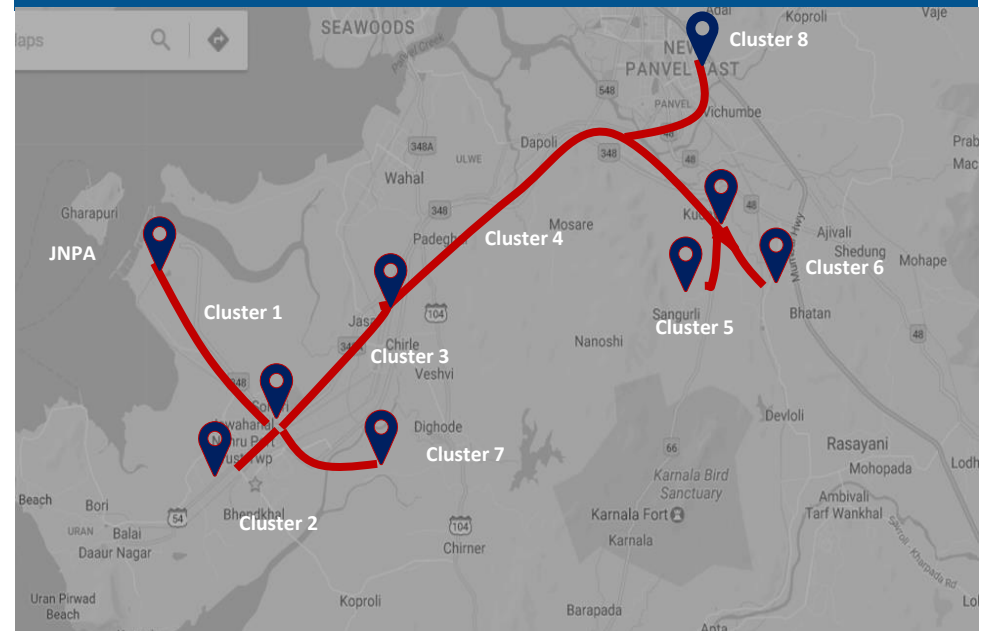
Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	JNPA Area	1	13.06%	High
Cluster 2	Bhendkhal Area, Khopate Road	6	31.97%	Low
Cluster 3	Sonari Area,JNPA Road	2	17.39%	High
Cluster 4	Chirle Area, JNPA Road	1	0.14%	Medium
Cluster 5	Plaspa Area, Coach Kanyakumari Highway	2	11.39%	Low
Cluster 6	Salva Apta Road Area, Bangalore Highway	5	24.05%	Low
Cluster 7	Patilpada Area, Khopate JNPA Road	3	0.27%	Low
Cluster 8	Taloja, Navi Mumbai	1	1.73%	Medium

Congestion Level   ■ High   ■ Medium   ■ Low

Export Cycle

Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	JNPA Area	1	12.91%	High
Cluster 2	Bhendkhal Area, Khopate Road	6	28.15%	High
Cluster 3	Sonari Area,JNPA Road	2	14.21%	High
Cluster 4	Chirle Area, JNPA Road	1	0.67%	High
Cluster 5	Plaspa Area, Coach Kanyakumari Highway	2	15.89%	High
Cluster 6	Salva Apta Road Area, Bangalore Highway	5	25.93%	High
Cluster 7	Patilpada Area, Khopate JNPA Road	3	0.14%	High
Cluster 8	Taloja, Navi Mumbai	1	2.10%	High

Congestion Analysis: **Mundra Region**

Import Cycle
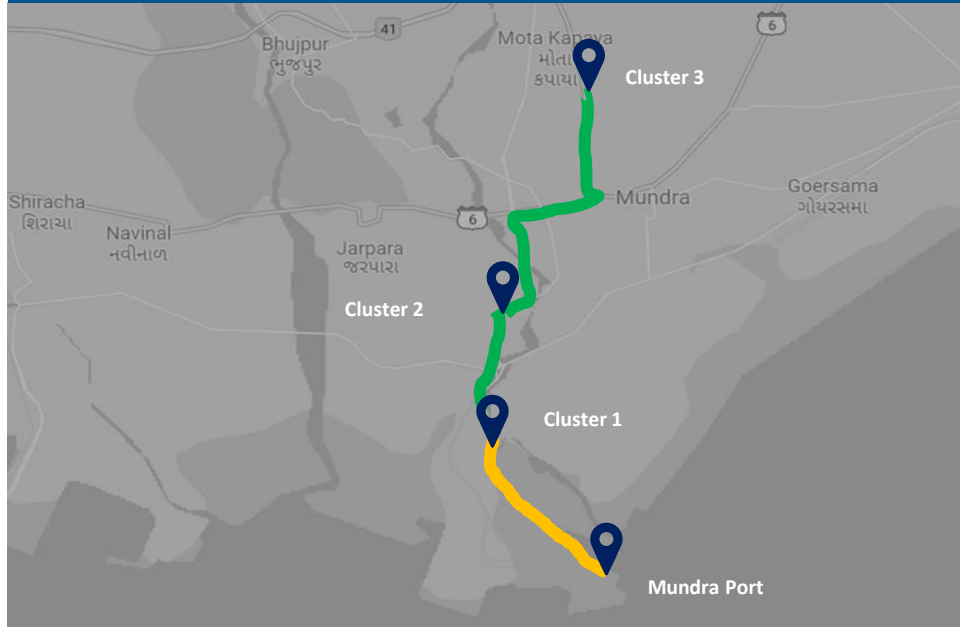
Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	APSEZ Area	12	82.90%	Medium
Cluster 2	Hind Circle	2	12.75%	Low
Cluster 3	Mota Kapaya	1	4.35%	Low

Export Cycle
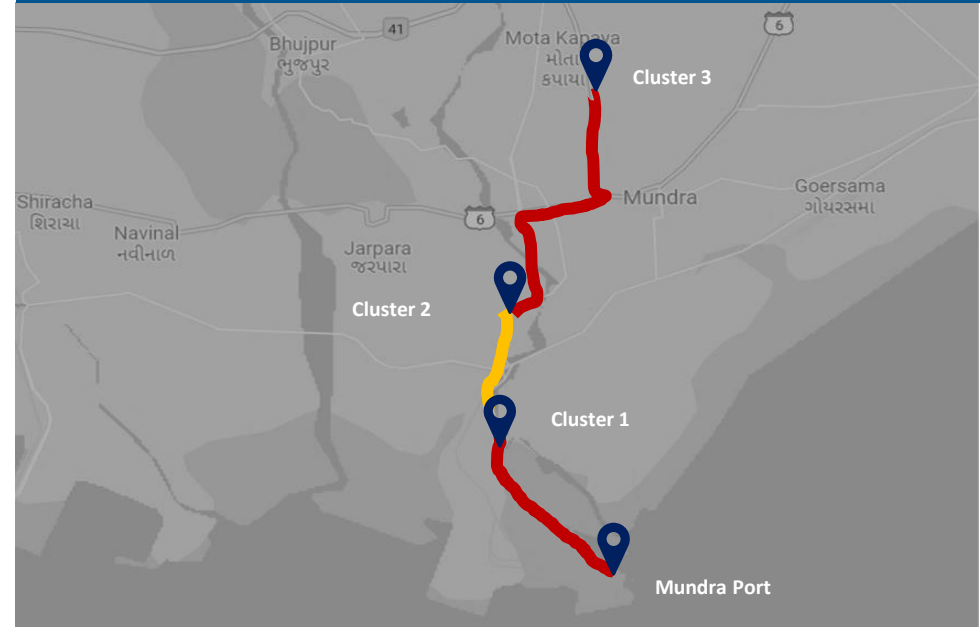
Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	APSEZ Area	12	98.36%	High
Cluster 2	Hind Circle	2	0.97%	Medium
Cluster 3	Mota Kapaya	1	0.67%	High

Congestion Level   ■ High   ■ Medium   ■ Low

Congestion Analysis: **Chennai Region**
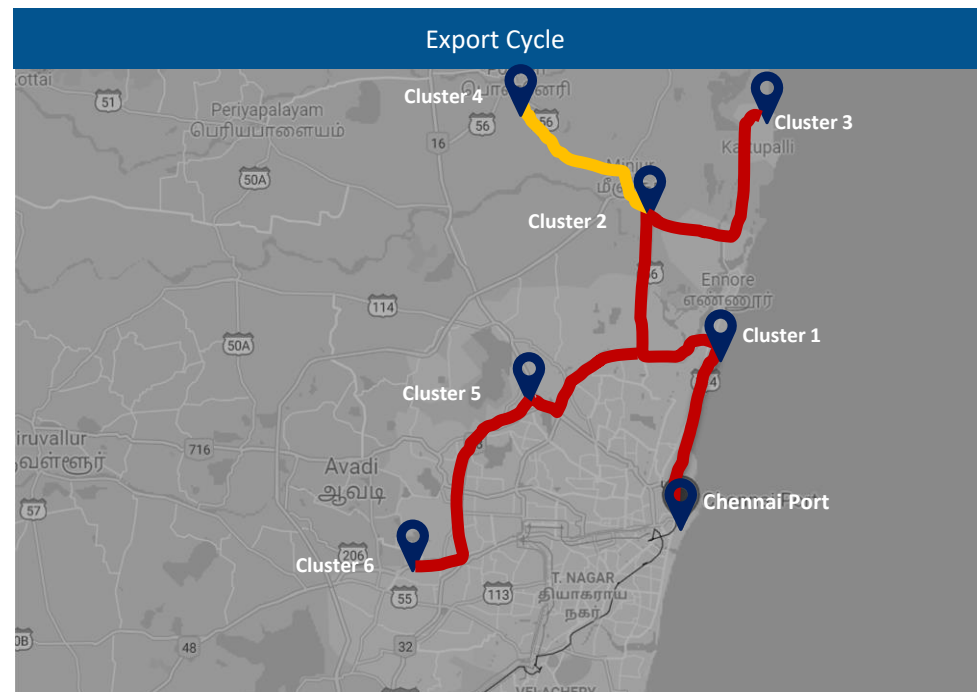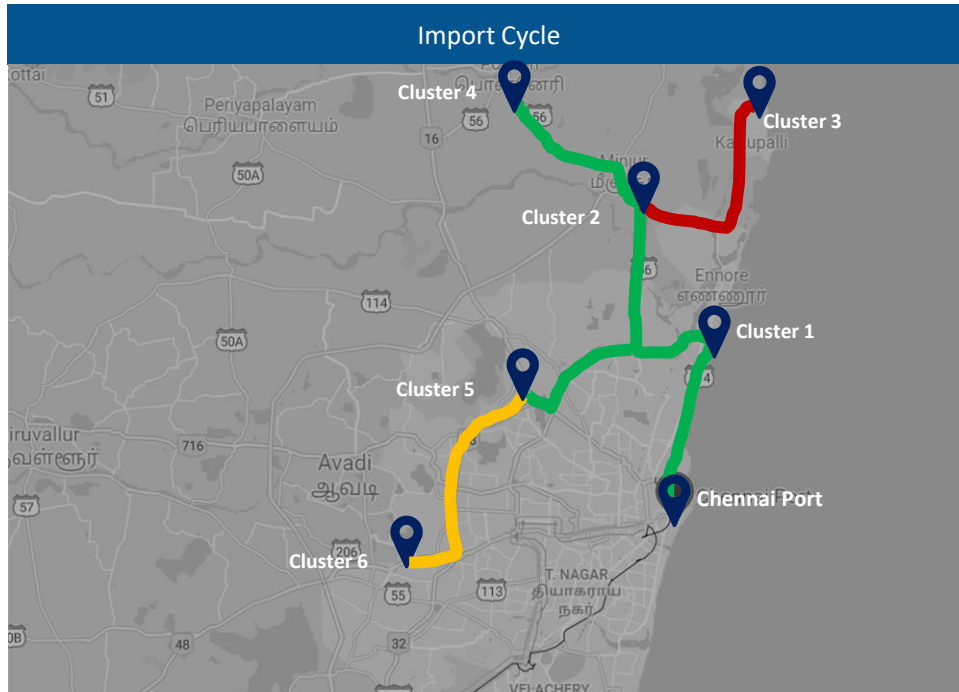
Import Cycle

Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Thiruvottiyur High Road Augction	3	25.36%	Low
Cluster 2	Aandarkuppam - Melur Augction	14	58.13%	Low
Cluster 3	Kattupalli Port bound Area	2	0.47%	High
Cluster 4	Minjur - Ponneri bound Area	3	4.22%	Low
Cluster 5	Madhavaram - Moolakadai Augction	3	7.85%	Low
Cluster 6	Poonamallee - Sriperumbadur Augction	5	3.97%	Medium

Export Cycle

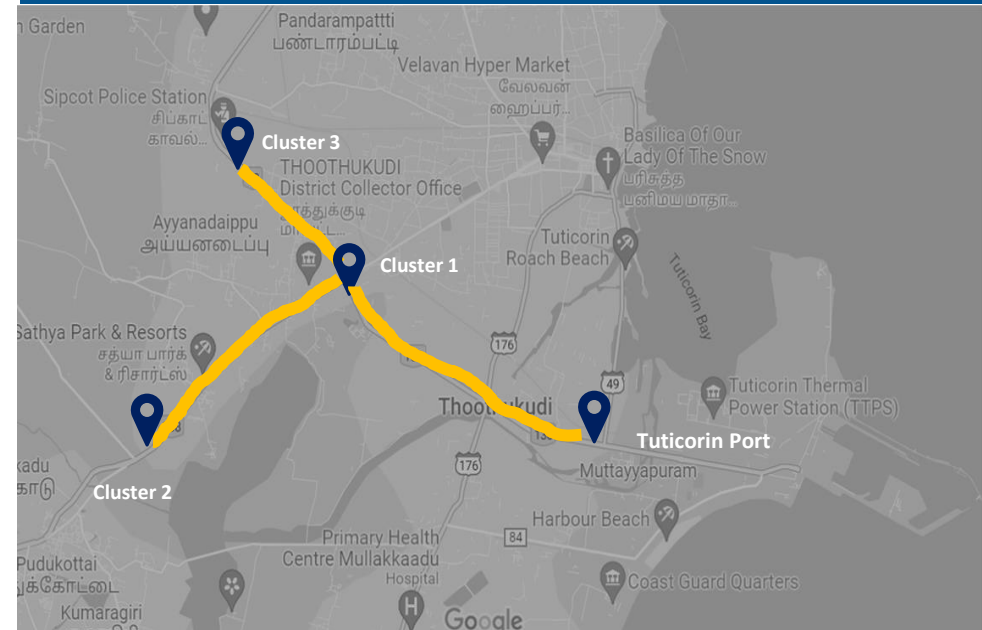| Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Thiruvottiyur High Road Augction	3	26.59%	High
Cluster 2	Aandarkuppam - Melur Augction	14	52.78%	High
Cluster 3	Kattupalli Port bound Area	2	0.64%	High
Cluster 4	Minjur - Ponneri bound Area	3	7.20%	Medium
Cluster 5	Madhavaram - Moolakadai Augction	3	3.86%	High
Cluster 6	Poonamallee - Sriperumbadur Augction	5	8.93%	High

Congestion Level   ■ High   ■ Medium   ■ Low

Congestion Analysis: **Tuticorin Region**

Import Cycle
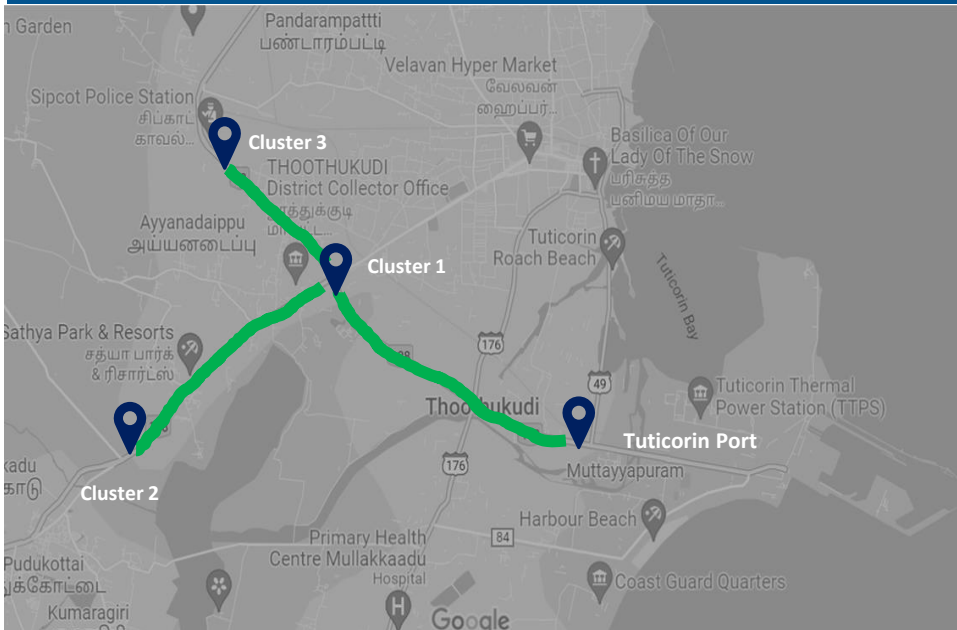
Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Periyanayagapuram, Thoothukudi, Madurai Road	4	38.55%	Low
Cluster 2	Tirunelveli Road nearby Podukottai	2	25.39%	Low
Cluster 3	Sipcot Area nearby Madurai Road	8	36.06%	Low

Export Cycle

Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Periyanayagapuram, Thoothukudi, Madurai Road	4	33.09%	Medium
Cluster 2	Tirunelveli Road nearby Podukottai	2	17.51%	Medium
Cluster 3	Sipcot Area nearby Madurai Road	8	49.40%	Medium

Congestion Level ■ High ■ Medium ■ Low

# Congestion Analysis: **Kolkata Region**

Import Cycle
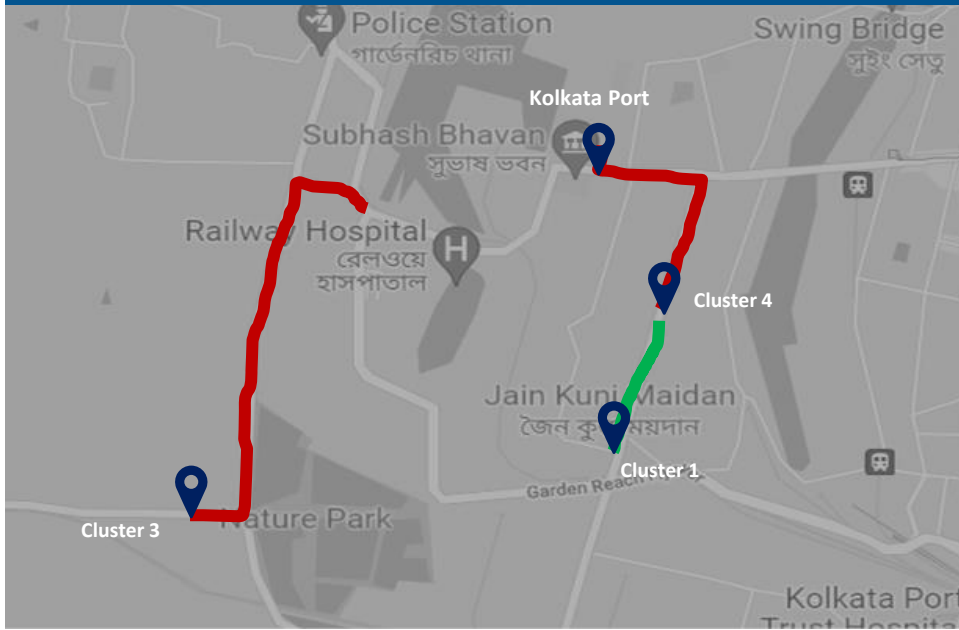
Export Cycle

Import Cycle
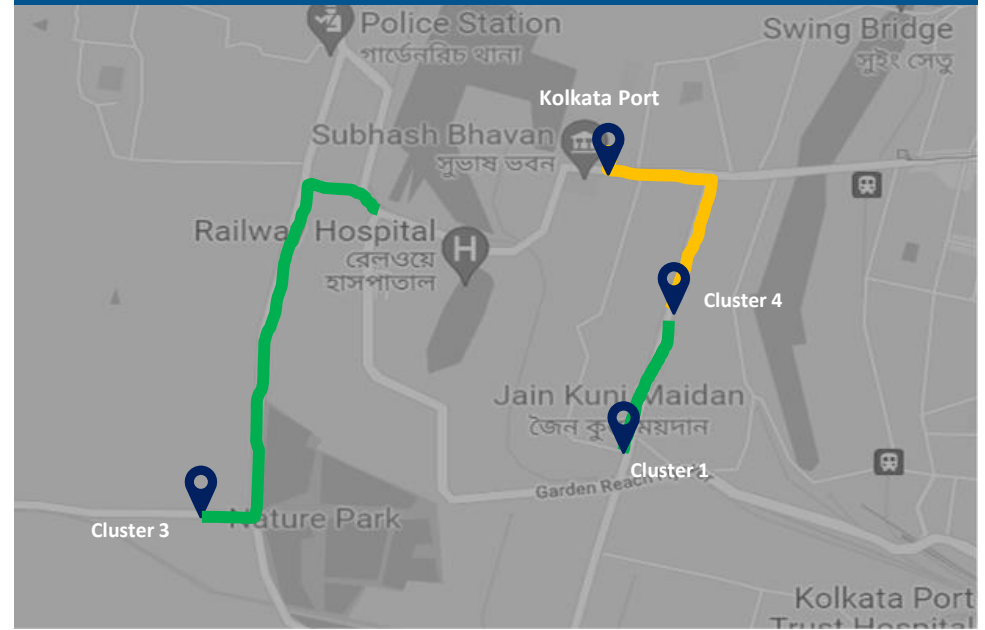
Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Base Bridge Area	3	51.68%	Low
Cluster 2	Sonapur Road Area	1	-	-
Cluster 3	Nature Park Area	1	44.49%	High
Cluster 4	Babu Bazar Area	1	3.83%	High

Export Cycle

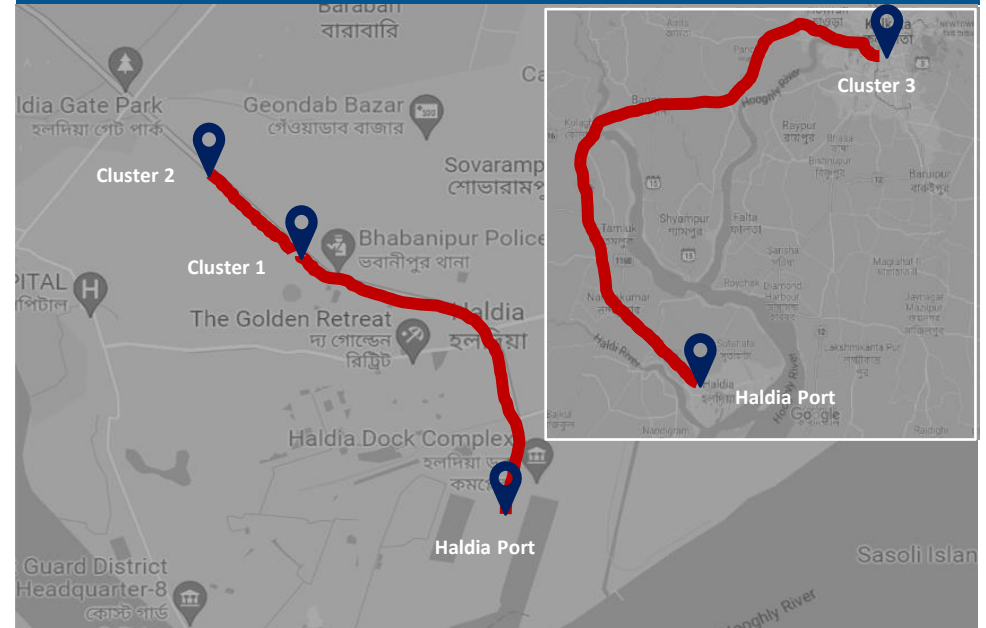| Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Base Bridge Area	3	60.40%	Low
Cluster 2	Sonapur Road Area	1	-	-
Cluster 3	Nature Park Area	1	24.79%	Low
Cluster 4	Babu Bazar Area	1	14.81%	Medium

Congestion Level   High   Medium   Low

# Congestion Analysis: **Haldia Region**

Import Cycle
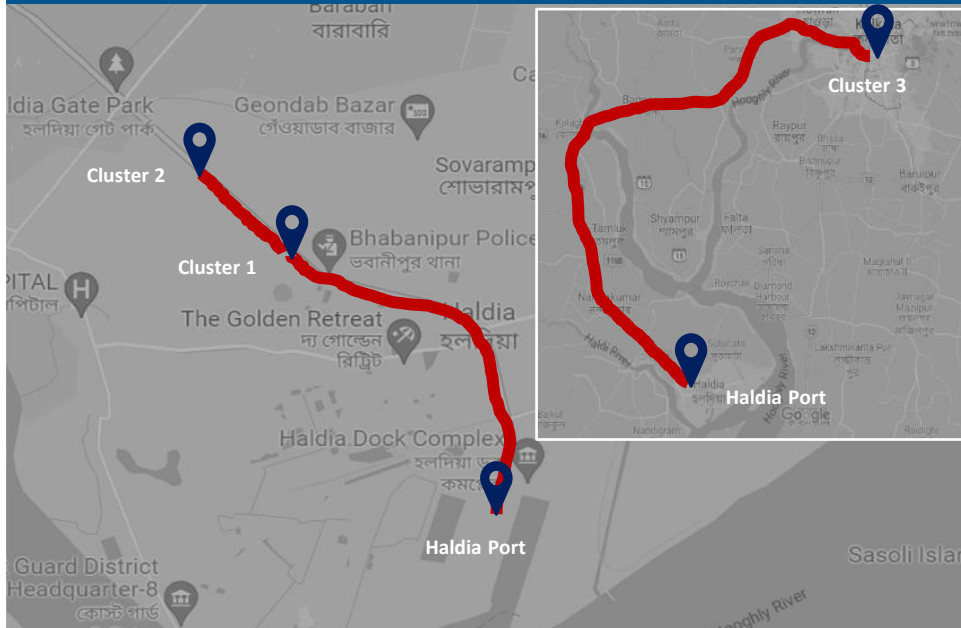
Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Talpukur Area, Kolkata Highway	1	26.41%	High
Cluster 2	City Centre Area, Kolkata Highway	2	42.48%	High
Cluster 3	Silpodanga Area	1	31.11%	High

Export Cycle

Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Talpukur Area, Kolkata Highway	1	14.39%	High
Cluster 2	City Centre Area, Kolkata Highway	2	64.03%	High
Cluster 3	Silpodanga Area	1	21.58%	High

Congestion Level   ▬ High   ▬ Medium   ▬ Low

Congestion Analysis: **Visakhapatnam Region**
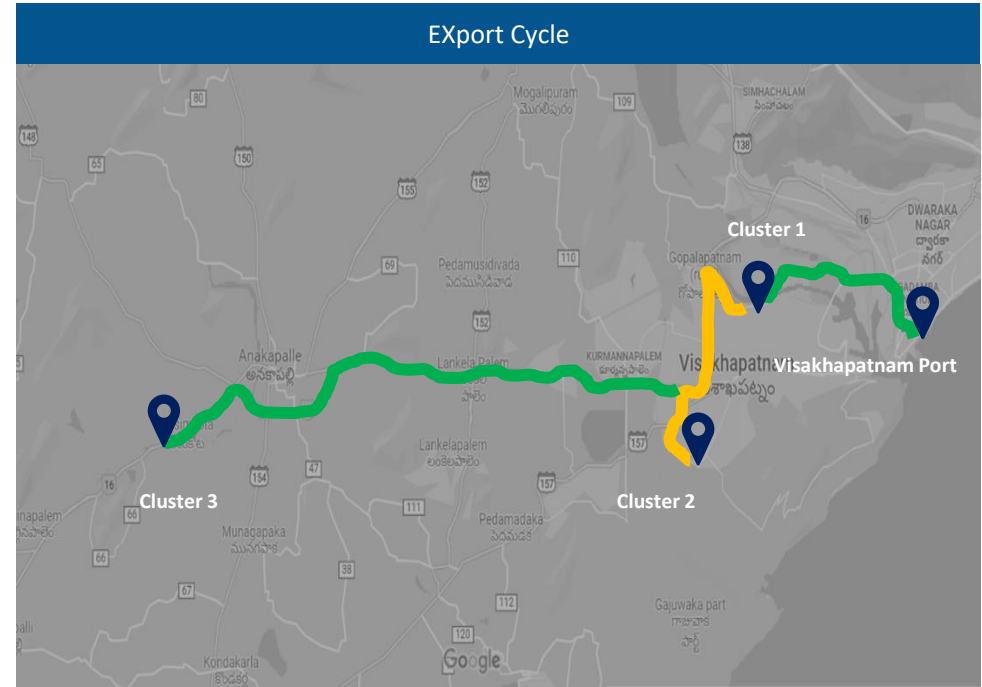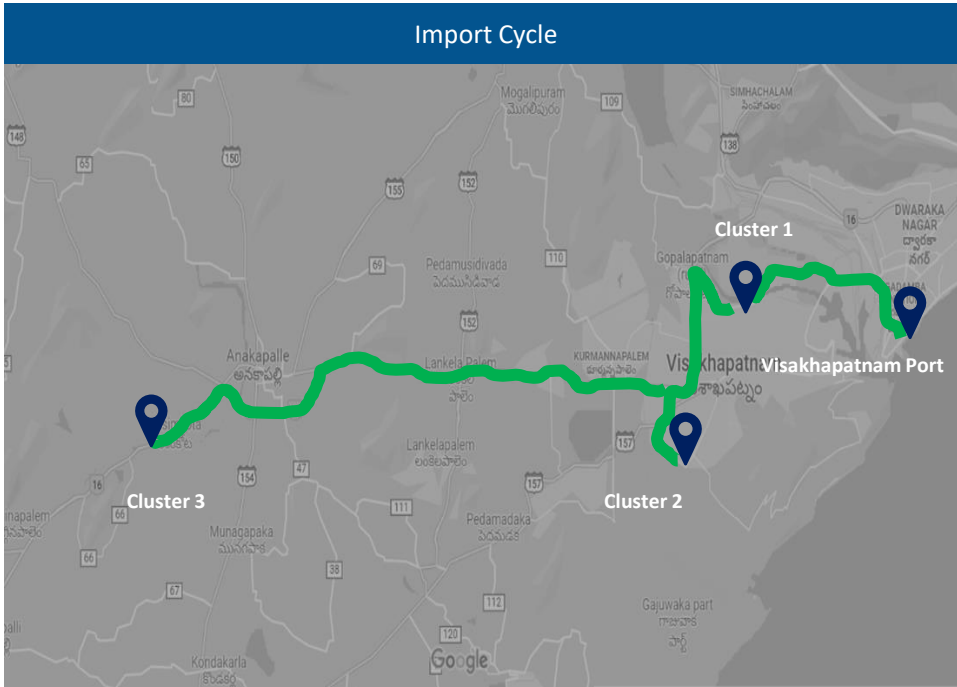
Import Cycle

Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Port Road, Gopalapatnam Area	4	83.01%	Low
Cluster 2	Autonagar, Gajuwaka Area	3	16.27%	Low
Cluster 3	Chennai – Kolkata Highway, Bayyavaram Area	1	0.72%	Low

EXport Cycle

Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Port Road, Gopalapatnam Area	4	93.72%	Low
Cluster 2	Autonagar, Gajuwaka Area	3	5.38%	Medium
Cluster 3	Chennai – Kolkata Highway, Bayyavaram Area	1	0.90%	Low

Congestion Level   🟥 High   🟨 Medium   🟩 Low
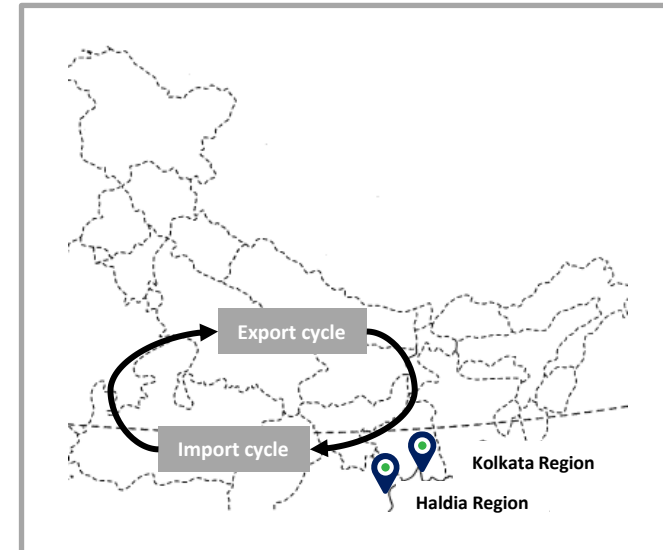
Transit Movement across ICPs

Transit movement across ICPs from Kolkata & Haldia Port Terminal for Jan'25:

Kolkata Port Terminal

Import Cycle	Mode	ICP Raxaul	ICP Jogbani
	Overall	110.5	90.4

Haldia Port Terminal

Import Cycle	Mode	ICP Raxaul	ICP Jogbani
	Overall	134.1	167.3

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

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

List of CFS names used in the Western CFS Performance Index

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

Annexure – CFS Names - Southern & Eastern Region

## List of CFS names used in Southern CFS Performance Index

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

List of CFS names used in Eastern CFS Performance Index

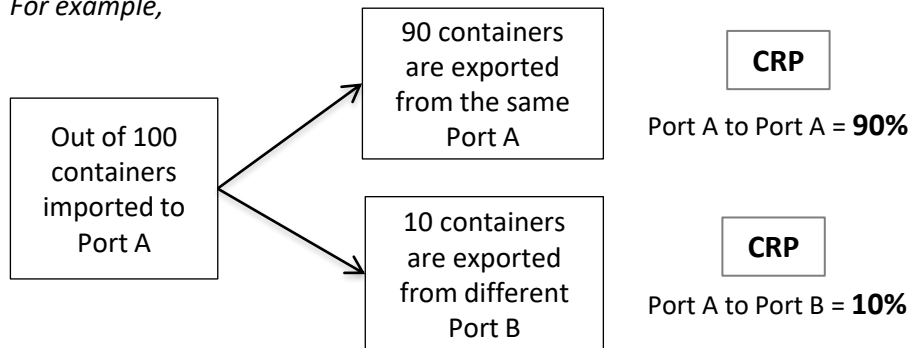| Ref. No.	Name
1	Phonex CFS
2	Century Plyboards CFS, JJP
3	Century Plyboards CFS, Sonai
4	Transworld Terminals CFS,Kolkatta
5	Balmer Lawrie CFS,Kolkatta
6	Sravan CFS-1
7	Gateway East India CFS,Vizag
8	A L Logistics CFS
9	Sravan CFS-2
10	VCT CFS
11	Allcargo Logistics CFS,Kolkatta
12	CWC CFS, Kolkata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

Container Turnaround Time (TAT)

Container Turnaround Time (TAT) refers to the total time a container spends in a country, from its arrival to port in import cycle to its departure from the port in export cycle

Terminal Out Time Stamp (Export Cycle)	-	Terminal In Time Stamp (Import Cycle)
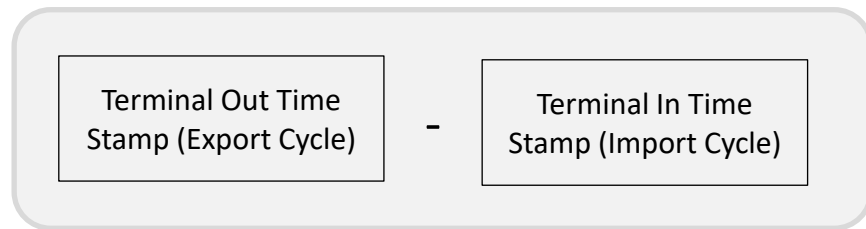
Container Retention Percentage (CRP)

Container turnaround analysis also showcases the percentage of container count (no. of boxes) retained by respective ports.

For example,

Out of 100 containers imported to Port A

90 containers are exported from the same Port A

CRP

Port A to Port A = **90%**

10 containers are exported from different Port B

CRP

Port A to Port B = **10%**

Overall Average Dwell Time (OADT) / Overall Average Volume (OAV)

Overall Average Dwell Time (OADT) / Overall Average Volume (OAV) refers to the average dwell time/volume of the entity, calculated from the inception of the entity

For example,

If the terminal/port has started its LDB operations from January 2020 then:

OADT/OAV (current month) = Overall average dwell time/volume of the terminal/port from January 2020 till current month

Monthly Average Dwell Time (MADT) / Monthly Average Volume (MAV)

Monthly Average Dwell Time (MADT) / Monthly Average Volume refers to the average dwell time/volume of the entity, calculated for all years of that month

For example,

If the terminal/port has started its LDB operations from January 2020 then:

MADT/MAV (Dec'24) = Monthly average dwell time/volume of the terminal/port combined for Dec'20, Dec'21, Dec'22, Dec'23 and Dec'24

Our team with Honorable Minister Shri Piyush Goyal, Minister of Commerce and Industry, and
Shri Rajat Kumar Saini, CEO & MD, NICDC and Chairman NLDSL
at the ULIP Hackathon 2.0 Finale held at Vanijya Bhawan, New Delhi.

NLDS
NICDC LOGISTICS DATA SERVICES LTD
Logistics Redefined

NICDC LOGISTICS DATA SERVICES LIMITED

Registered Office: Flat No. 302 C, 03rd Floor, World Trade Centre,
Babar Road, New Delhi, Connaught Place, New Delhi - 110001, India

Web: www.nldsl.in | TOLLFREE : 1800 572 8314 | contactus@nldsl.in

/ nldsldb   / NLDSLDB   / NLDSLDB   / Nicdc Logistics Data Services (NLDS)

**Scan QR Code
to Know More**

www.ldb.co.in