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LOGISTICS DATA BANK

QUARTERLY ANALYTICS REPORT

2024 | JULY - AUGUST - SEPTEMBER

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NATIONAL LOGISTICS POLICY

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

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LDB AT A GLANCE

75 MILLION+

CONTAINERS HANDLED

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

PORT PERFORMANCE

(April-May-June'24 vs July-August-September'24)

DWELL TIME

WESTERN REGION

Import Cycle : 31.0% (24.8 hrs to 32.4 hrs) ▲

Export Cycle : 5.1% (98.3 hrs to 93.2 hrs) ▼

TOP-PERFORMER : Bharat Mumbai Container Terminal (PSA)

EASTERN REGION

Import Cycle : 5.2% (52.1 hrs to 54.8 hrs) ▲

Export Cycle : 8.2% (111.2 hrs to 102.1 hrs) ▼

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

SOUTHERN REGION

Import Cycle : 11.9% (43.9 hrs to 49.1 hrs) ▲

Export Cycle : 7.3% (94 hrs to 87.1 hrs) ▼

Top-Performer : Chennai Container Terminals Pvt Ltd (CCTPL)

TOP PERFORMERS - PAN INDIA JAS'24

TERMINAL

Bharat Mumbai Container Terminal (PSA)

CFS

Speedy Multimodel CFS, JNPA

ICD

Dronagiri Rail Terminal CFS, Navi Mumbai

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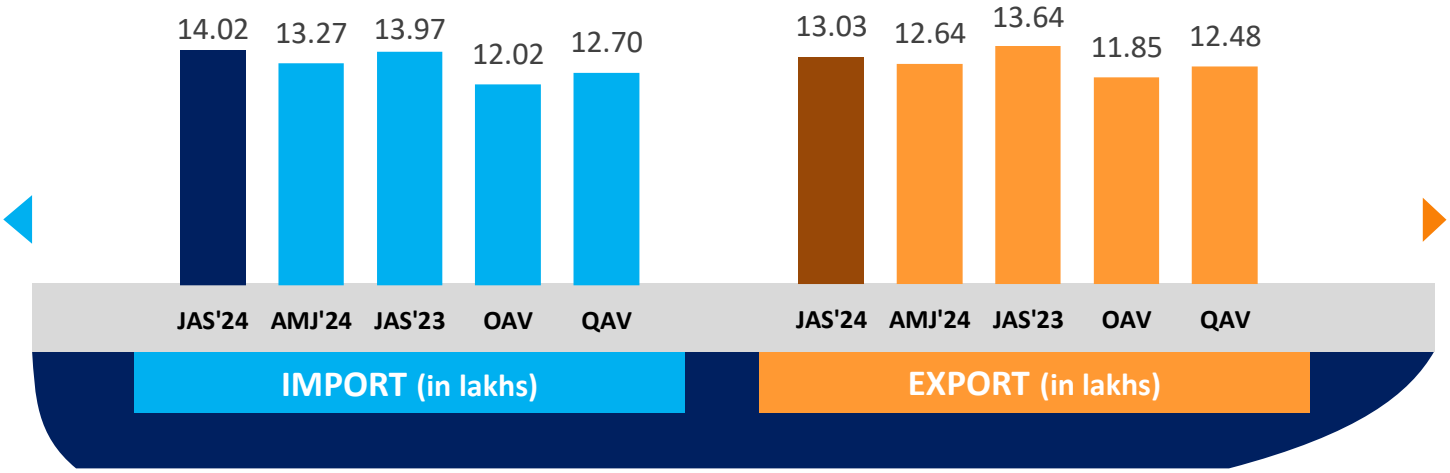
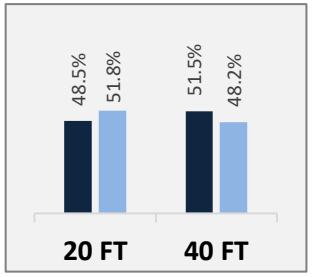
01
PAN INDIA PERFORMANCE

Container Count: PAN India

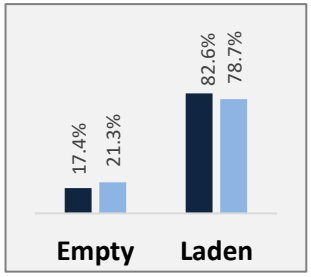
PAN India



Container Size-wise (Import)

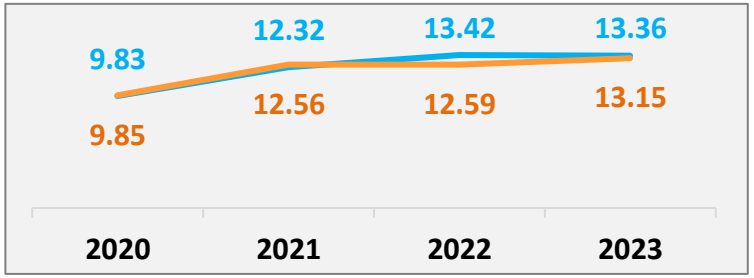


Container Type-wise (Import)



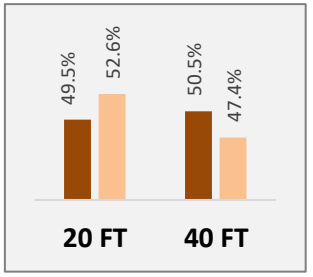
JAS'24 AMJ'24

Container Count - Annual Average (in lakhs/ quarter)

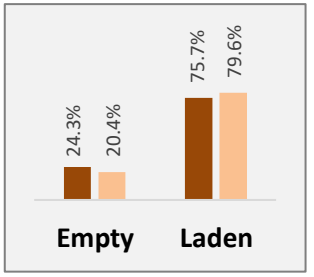


IMPORT EXPORT

Container Size-wise (Export)



Container Type-wise (Export)



JAS'24 AMJ"24

OAV – Overall Avg Volume
QAV – Quarterly Avg Volume

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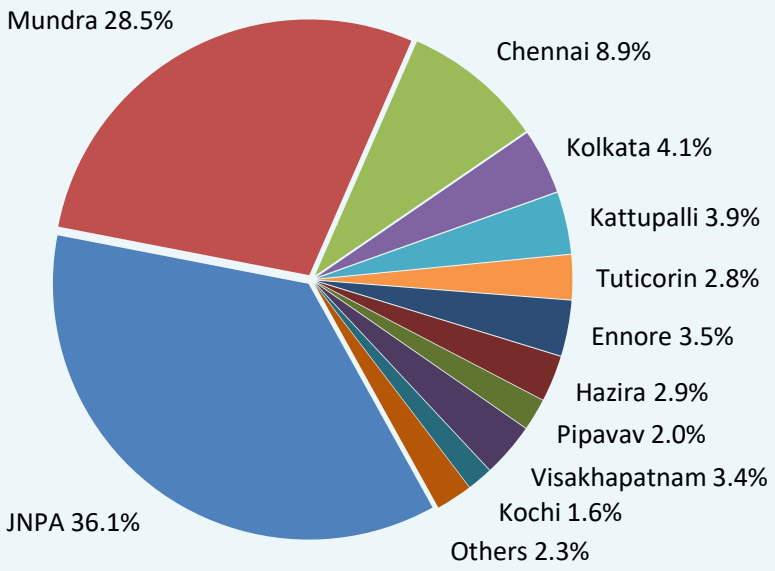
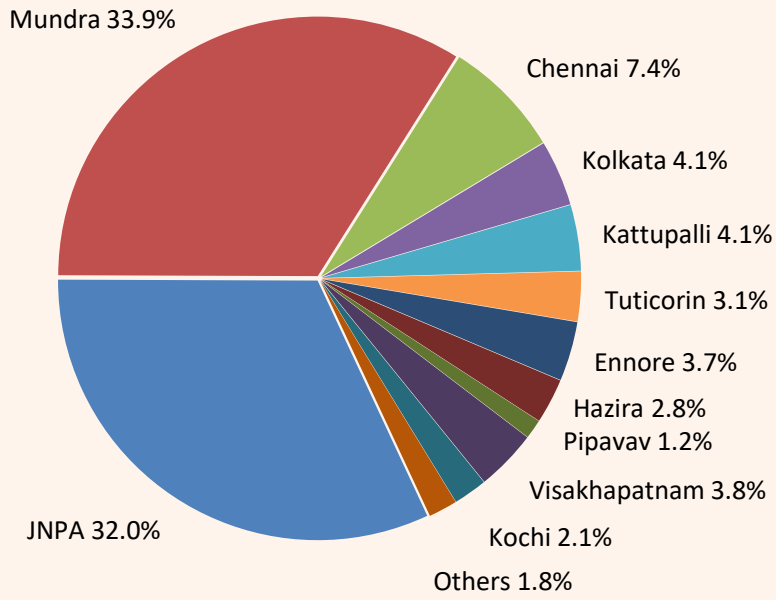
PAN India Distribution

Distribution of EXIM containers for JAS 2024 quarter across all ports:

Import Containers Distribution (51.8%)
(Container count in % for JAS'24)



Export Containers Distribution (48.2%)
(Container count in % for JAS'24)



In the previous quarter, container distribution in import and export cycle was 51.2% and 48.8% respectively.

Others include Kandla, Haldia, Paradip and New Mangalore

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Key Observations

In comparison with AMJ 2024:

Pan India	• Container count(no. of boxes) has **increased by 6%** in import cycle. This increase is largely due to the 6% & 17% increase in import container volume of western region & eastern region ports respectively. • Top performing terminal for this quarter is Bharat Mumbai Container Terminals(PSA) (JNPA port)
Western Region	• Container count(no. of boxes) has **increased by 6% & 7%** in import cycle & export cycle respectively. • Kandla port dwell time **performance has improved by 14%** in export cycle as the export container volume has decreased by 71%. • JNPA port dwell time **performance has reduced by 43%** in import cycle as import container volume has increased by 17% due to higher vessel calling coupled with heavy rainfall leading to increase in container handling time. • Kandla port dwell time **performance has reduced by 61%** in import cycle due to unfavourable weather and heavy rain, the containers were stored at the port for a longer time. • CFS to Mundra port **transit time has decreased by 27%** due to reduction in congestion as compared to previous quarter
Southern Region	• Container count(no. of boxes) has **reduced by 8%** in export cycle • Tuticorin port dwell time **performance has improved by 24%** in import cycle as the import container volume has decreased by 4%. • Kattupali port dwell time **performance has reduced by 19%** in import cycle due to ongoing red sea crisis, vessel bunching, and a shortage of space at the yards that causes congestion and longer dwell times.
Eastern Region	• Container count(no. of boxes) has **increased by 17%** in import cycle • Haldia port dwell time **performance has reduced by 27%** in import cycle as import container volume has increased by 119% leading to increase in container clearance time.

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Dwell Time Performance (JAS 2024): PAN India

Western Region

Hazira
Import 23.3 ↑ | Export 123.0

Pipavav
Import 56.2 | Export 133.8 ↑

Kolkata
Import 45.0 | Export 110.5 ↓

Mundra
Import 31.2 ↑ | Export 111.7

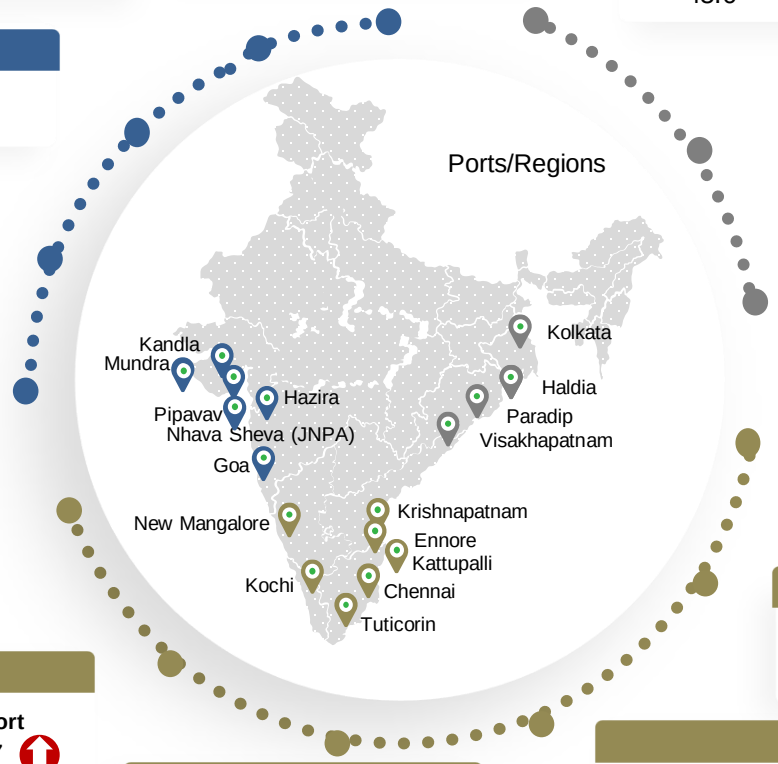
Visakhapatnam
Import 56.8 | Export 92.6

Nhava Sheva (JNPA)
Import 32.9 ↑ | Export 77.6

Haldia
Import 85.4 ↑ | Export 144.0

Kandla
Import 54.2 ↑ | Export 80.9 ↓

Chennai
Import 53.6 ↑ | Export 89.9



Tuticorin
Import 22.6 ↓ | Export 63.4

Ennore
Import 52.4 ↑ | Export 100.4

Kochi
Import 36.8 | Export 109.7 ↑

Kattupalli
Import 63.5 ↑ | Export 96.4 ↓

New Mangalore
Import 102.7 51.8* | Export 98.5 55.5*

Eastern Region

Southern Region

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

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

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

Western Region

Duration	Import Dwell Time (in hrs)	Export Dwell Time (in hrs)
JAS'24	32.4 ↑	93.2 ↓
AMJ'24	24.8	98.3
JAS'23	26.1	84.6
OADT	25.2	91.2
QADT	26.8	91.9

Southern Region

Duration	Import Dwell Time (in hrs)	Export Dwell Time (in hrs)
JAS'24	49.1 ↑	87.1 ↓
AMJ'24	43.9	94.0
JAS'23	40.1	79.5
OADT	42.2	86.4
QADT	41.2	86.0

Eastern Region

Duration	Import Dwell Time (in hrs)	Export Dwell Time (in hrs)
JAS'24	54.8 ↑	102.1 ↓
AMJ'24	52.1	111.2
JAS'23	52.7	100.3
OADT	48.5	105.0
QADT	48.7	110.2

OADT – Overall Avg Dwell Time
QADT – Quarterly Avg Dwell Time

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

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Dwell Time Performance: Port Import Cycle

IMPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)	JAS'23 (in hrs)	OADT (in hrs)	QADT (in hrs)
Western Region	**32.4**		**24.8**	**26.1**	**25.2**	**26.8**
JNPA	32.9	↑	23.0	19.0	21.8	22.3
Mundra	31.2	↑	26.6	38.7	28.1	32.1
Pipavav	56.2	↑	51.4	70.4	53.1	57.6
Kandla	54.2	↑	33.6	38.1	46.5	46.3
Hazira	23.3	↑	20.0	41.0	32.3	33.4
Southern Region	**49.1**		**43.9**	**40.1**	**42.2**	**41.2**
Chennai	53.6	↑	44.3	43.1	43.9	44.1
Kochi	36.8	↓	40.4	40.5	43.1	41.0
Kattupalli	63.5	↑	53.4	43.4	54.5	53.4
Tuticorin	22.6	↓	29.7	19.8	22.2	20.4
Ennore	52.4	↑	47.3	38.0	43.1	41.4
New Mangalore	51.8*	↓	68.8	95.8	97.9	85.6
Eastern Region	**54.8**		**52.1**	**52.7**	**48.5**	**48.7**
Visakhapatnam	56.8	↓	59.4	70.8	57.5	59.0
Kolkata	45.0	↑	44.2	37.1	35.5	35.5
Haldia	85.4	↑	67.4	65.9	88.8	88.3

OADT – Overall Avg Dwell Time
QADT – Quarterly Avg Dwell Time

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

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

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Dwell Time Performance: Port Export Cycle

EXPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)	JAS'23 (in hrs)	OADT (in hrs)	QADT (in hrs)
Western Region	**93.2**		**98.3**	**84.6**	**91.2**	**91.9**
JNPA	77.6	↑	75.7	71.4	72.7	75.4
Mundra	111.7	↓	116.2	98.8	113.3	111.9
Pipavav	133.8	↑	120.7	102.9	123.0	118.3
Kandla	80.9	↓	93.9	94.7	109.9	112.8
Hazira	123.0	↓	125.5	100.7	117.7	118.0
Southern Region	**87.1**		**94.0**	**79.5**	**86.4**	**86.0**
Chennai	89.9	↓	97.6	85.6	90.8	92.8
Kochi	109.7	↑	95.9	80.5	87.9	92.0
Kattupalli	96.4	↓	110.8	80.6	94.9	93.5
Tuticorin	63.4	↓	63.7	50.9	64.3	62.1
Ennore	100.4	↓	104.7	91.9	99.9	98.7
New Mangalore	55.5*	↓	95.6	88.6	98.7	87.2
Eastern Region	**102.1**		**111.2**	**100.3**	**105.0**	**110.2**
Visakhapatnam	92.6	↓	94.3	87.4	91.7	94.6
Kolkata	110.5	↓	130.0	130.9	118.4	130.8
Haldia	144.0		144.0	96.7	124.7	128.9

OADT – Overall Avg Dwell Time
QADT – Quarterly Avg Dwell Time

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

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

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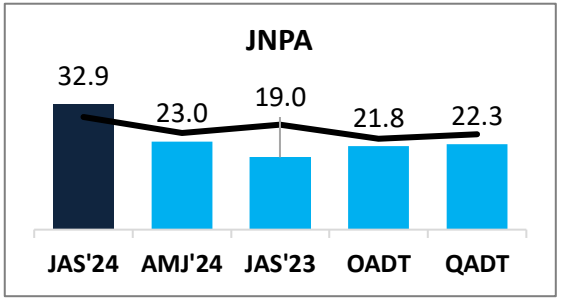
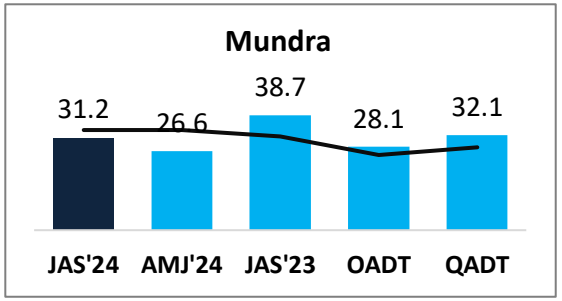
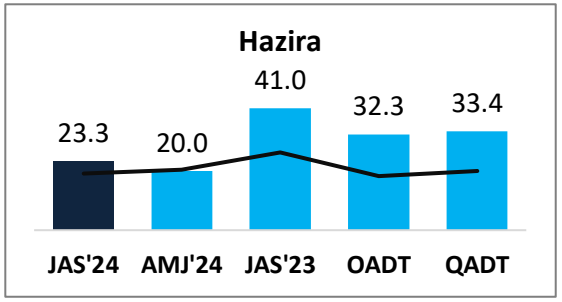
Port Performance Comparison: Import Cycle

Port dwell time performance across various time frames:

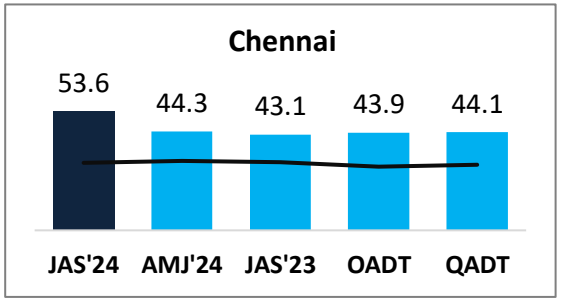
Western Region
(Container count share 70.1%)

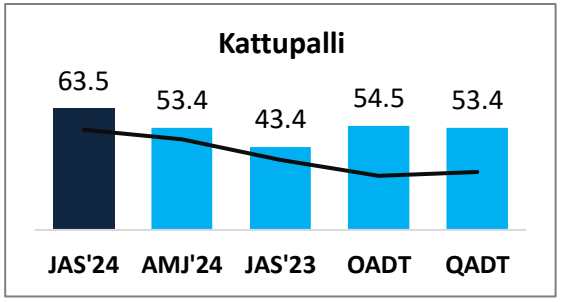


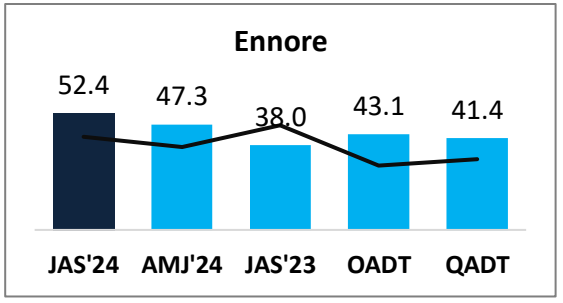




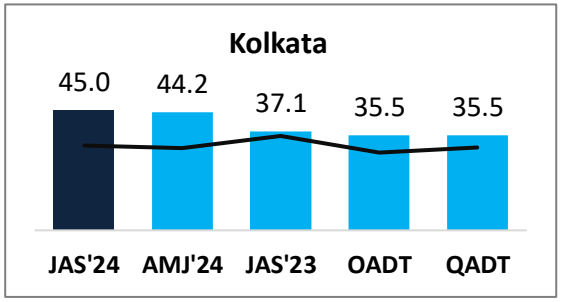
Southern Region
(Container count share 21.3%)

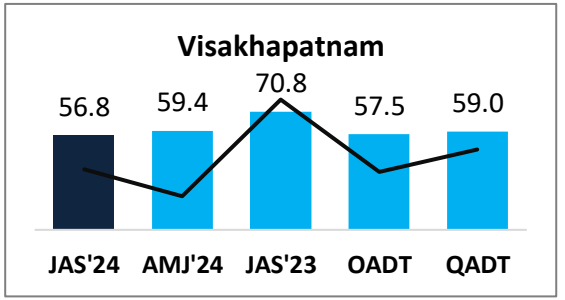


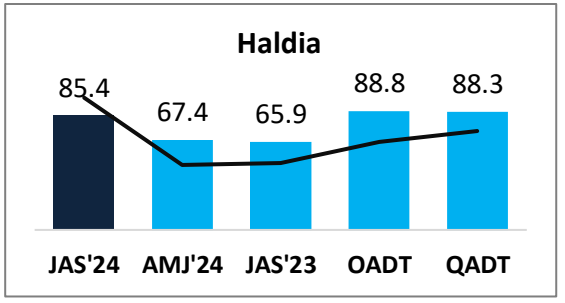




Eastern Region
(Container count share 8.6%)







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

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

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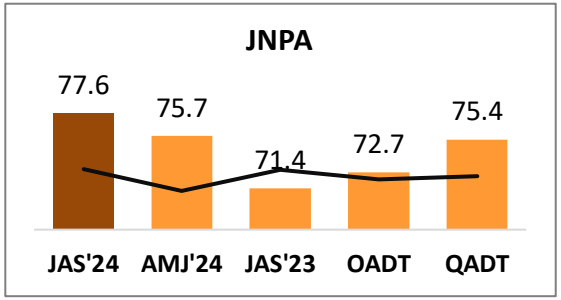
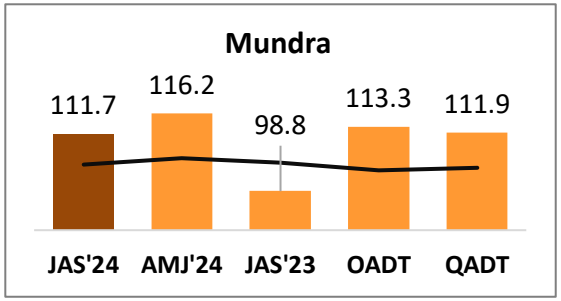
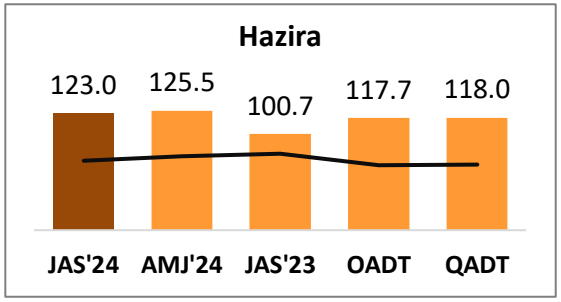
Port Performance Comparison: Export Cycle

Port dwell time performance across various time frames:

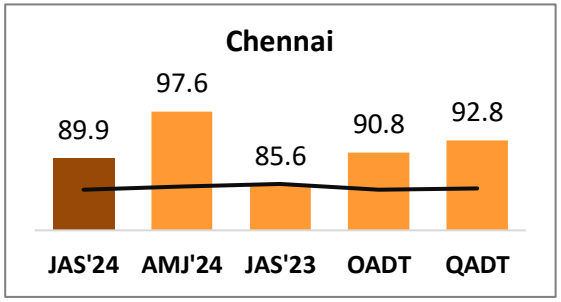
Western Region
(Container count share 70.1%)

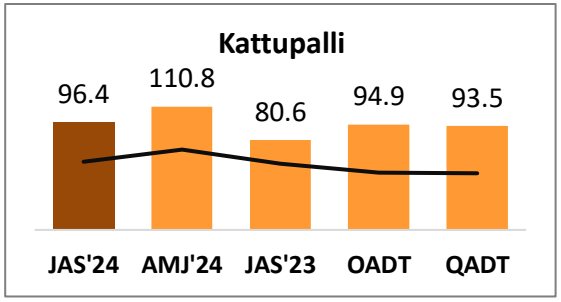


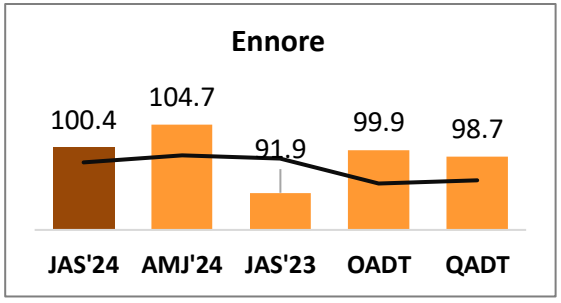




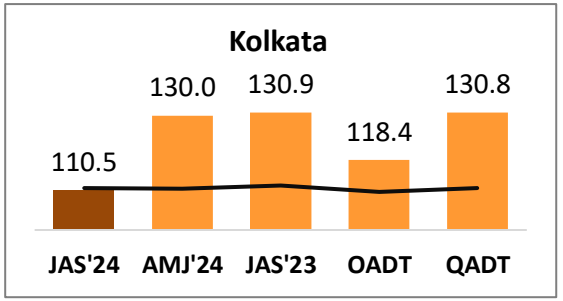
Southern Region
(Container count share 21.0%)

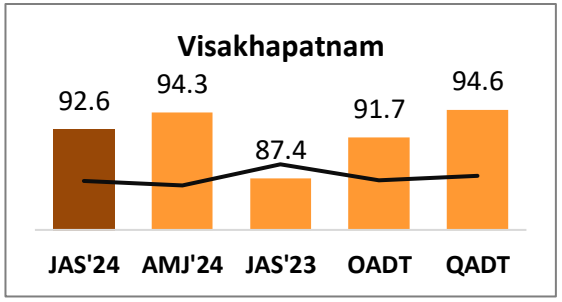


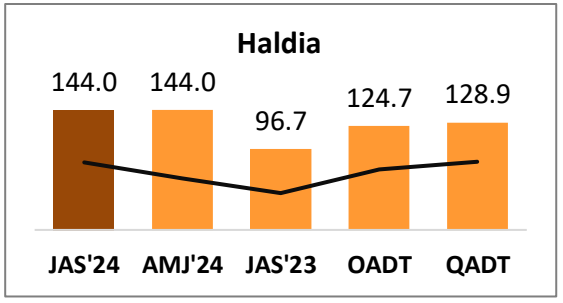




Eastern Region
(Container count share 8.9%)







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Note:
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Dwell Time Performance: Entry & Exit Type

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

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IMPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)	JAS'23 (in hrs)	OADT (in hrs)	QADT (in hrs)
Western	27.4	↑	25.0	26.3	30.6	30.7
Southern	78.9	↑	70.2	47.8	66.4	46.8
Eastern	106.6	↑	86.5	76.9	80.9	80.9

Non DPD

IMPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)	JAS'23 (in hrs)	OADT (in hrs)	QADT (in hrs)
Western	33.1	↑	24.8	24.5	23.8	25.1
Southern	47.8	↑	42.7	36.7	36.8	37.0
Eastern	49.2	↑	47.6	49.5	47.5	46.8

DPE

EXPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)	JAS'23 (in hrs)	OADT (in hrs)	QADT (in hrs)
Western	79.2	↑	79.1	75.1	77.0	78.6
Southern	-		94.3	83.9	89.3	91.8
Eastern	129.7	↓	144.1	125.9	121.3	126.3

Non DPE

EXPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)	JAS'23 (in hrs)	OADT (in hrs)	QADT (in hrs)
Western	95.0	↓	101.2	78.6	81.4	83.3
Southern	86.1	↓	94.3	72.1	76.1	82.5
Eastern	85.5	↓	90.9	84.5	92.1	94.1

OADT – Overall Avg Dwell Time
QADT – Quarterly Avg Dwell Time

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

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Dwell Time Performance: Container Size

Port dwell time of containers based on container size:

40 FT

IMPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)	JAS'23 (in hrs)	OADT (in hrs)	QADT (in hrs)
Western	35.1	↑	25.5	25.0	25.2	26.9
Southern	49.4	↑	44.4	40.3	40.1	39.4
Eastern	51.8	↑	49.1	46.6	43.4	43.4

20 FT

IMPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)	JAS'23 (in hrs)	OADT (in hrs)	QADT (in hrs)
Western	29.8	↑	24.2	27.2	25.2	26.7
Southern	48.8	↑	43.3	39.4	44.1	42.4
Eastern	56.7	↑	53.7	55.2	51.6	52.3

40 FT

EXPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)	JAS'23 (in hrs)	OADT (in hrs)	QADT (in hrs)
Western	94.5	↓	98.0	83.8	90.0	91.8
Southern	91.1	↓	95.9	81.5	88.5	88.4
Eastern	107.5	↓	112.3	106.7	105.4	112.2

20 FT

EXPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)	JAS'23 (in hrs)	OADT (in hrs)	QADT (in hrs)
Western	91.9	↓	98.5	85.4	91.2	92.0
Southern	81.7	↓	91.6	77.4	83.0	83.3
Eastern	99.5	↓	110.7	98.2	105.0	109.2

OADT – Overall Avg Dwell Time
QADT – Quarterly Avg Dwell Time

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

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Dwell Time Performance: Container State

Port dwell time of containers based on container state:

Empty

IMPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)	JAS'23 (in hrs)	OADT (in hrs)	QADT (in hrs)
Western	30.3	↑	26.7	34.1	32.1	32.7
Southern	52.7	↑	45.0	39.5	38.9	37.9
Eastern	83.4	↑	74.4	66.8	62.6	64.3

Laden

IMPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)	JAS'23 (in hrs)	OADT (in hrs)	QADT (in hrs)
Western	33.1	↑	24.2	24.4	22.5	24.3
Southern	46.6	↑	40.5	39.7	43.0	42.1
Eastern	51.2	↑	48.6	49.2	50.2	49.2

Empty

EXPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)	JAS'23 (in hrs)	OADT (in hrs)	QADT (in hrs)
Western	72.2	↑	70.4	64.9	68.4	67.7
Southern	93.9	↑	89.3	83.7	75.6	84.5
Eastern	54.3	↑	52.4	52.2	55.7	59.0

Laden

EXPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)	JAS'23 (in hrs)	OADT (in hrs)	QADT (in hrs)
Western	100.4	↓	105.0	88.8	90.7	93.4
Southern	83.1	↓	84.9	76.2	88.0	85.3
Eastern	122.9	↓	131.0	111.2	115.3	117.6

OADT – Overall Avg Dwell Time
QADT – Quarterly Avg Dwell Time

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

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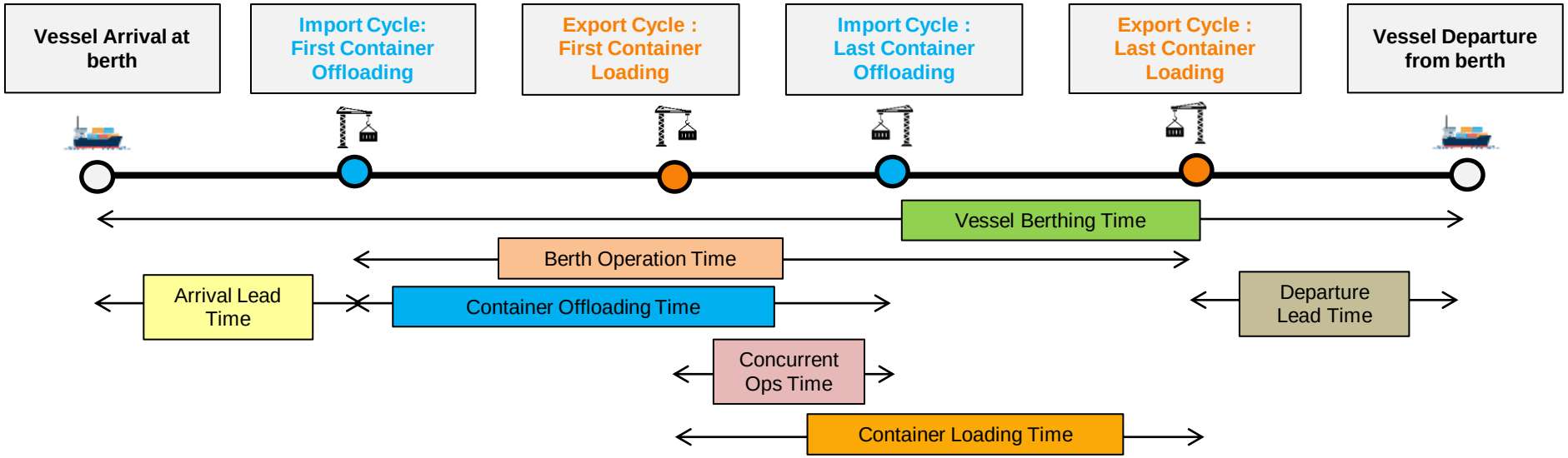
Vessel Analysis: PAN India



JAS'24	Vessel Berthing Time (in Hrs.)	Arrival Lead Time (in Hrs.)	Offloading Time (Minutes/ Cntr)	Berth Productivity (Minutes/ Cntr)	Loading Time (Minutes/ Cntr)	Concurrent Operations Time (%)	Departure Lead Time (in Hrs.)
PAN India	22.5	1.8	4.3	1.9	2.5	60.0%	1.6
Mundra	28.6	2.8	3.8	1.7	2.2	59.8%	1.2
JNPA	22.1	1.1	2.8	1.8	3.0	61.5%	1.1
Other Western	22.6	2.1	4.9	1.3	3.1	82.6%	1.2
Southern	21.8	2	3.9	1.7	2.2	50.4%	1.6
Eastern	18.7	1.7	7	4.3	4.9	44.5%	2.6

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Performance Benchmarking: PAN India Terminals

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

X-Axis: Dwell Time

Y-Axis: No. of Boxes

Abb.	Terminals	Container count
A	Adani CMA Mundra Terminal (ACMTPL)	5.4%
B	Adani Hazira Port Private Limited (AHPPL)	2.9%
C	Adani International Container Terminal (AICTPL)	6.8%
D	Adani Mundra Container Terminal (AMCT)	5.6%
E	Bharat Mumbai Container Terminals(PSA)	12.1%
F	Gateway Terminals India (GTI)	11.4%
G	APM Terminals Pipavav, Gujarat	1.6%
H	Nhava Sheva Freeport Terminal (NSFT)	2.8%
I	Mundra International Container Terminal (MICT)	7.9%
J	Nhava Sheva India Gateway Terminal (NSIGT)	3.5%
K	Nhava Sheva International Container Terminal (NSICT)	4.4%
L	Kandla International Container Terminal (KICT)	0.3%
M	Adani Mundra Container Terminal-2 (AMCT-2)	5.4%
N	Chennai Container Terminal Pvt. Ltd. (CCTL)	4.2%
O	Chennai International Terminals Pvt Ltd (CITPL)	4.0%
P	Dakshin Bharat Gateway Terminal (DBGT)	2.9%
Q	International Container Transhipment Terminal, Kochi	1.8%
R	Adani Kattupalli Port Private Limited (AKPPL)	4.0%
S	PSA SICAL Terminals	-
T	Mangalore Container Terminal Private Limited (MCTPL)	0.6%
U	Adani Ennore Container Terminal	3.6%
V	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)	-
W	Haldia International Container Terminal (HICT)	1.0%
X	Kolkata Dock System (KDS) , Kolkata Port	4.1%
Y	Visakha Container Terminal	3.7%

Star Performer ★ ★ ★

Entities with high container count and low dwell time

High Potential ★ ★

Entities with low container count and low dwell time

Slow Bulk Movers ★ ★

Entities with high container count and high dwell time

Needs Improvement ★

Entities with low container count and high dwell time

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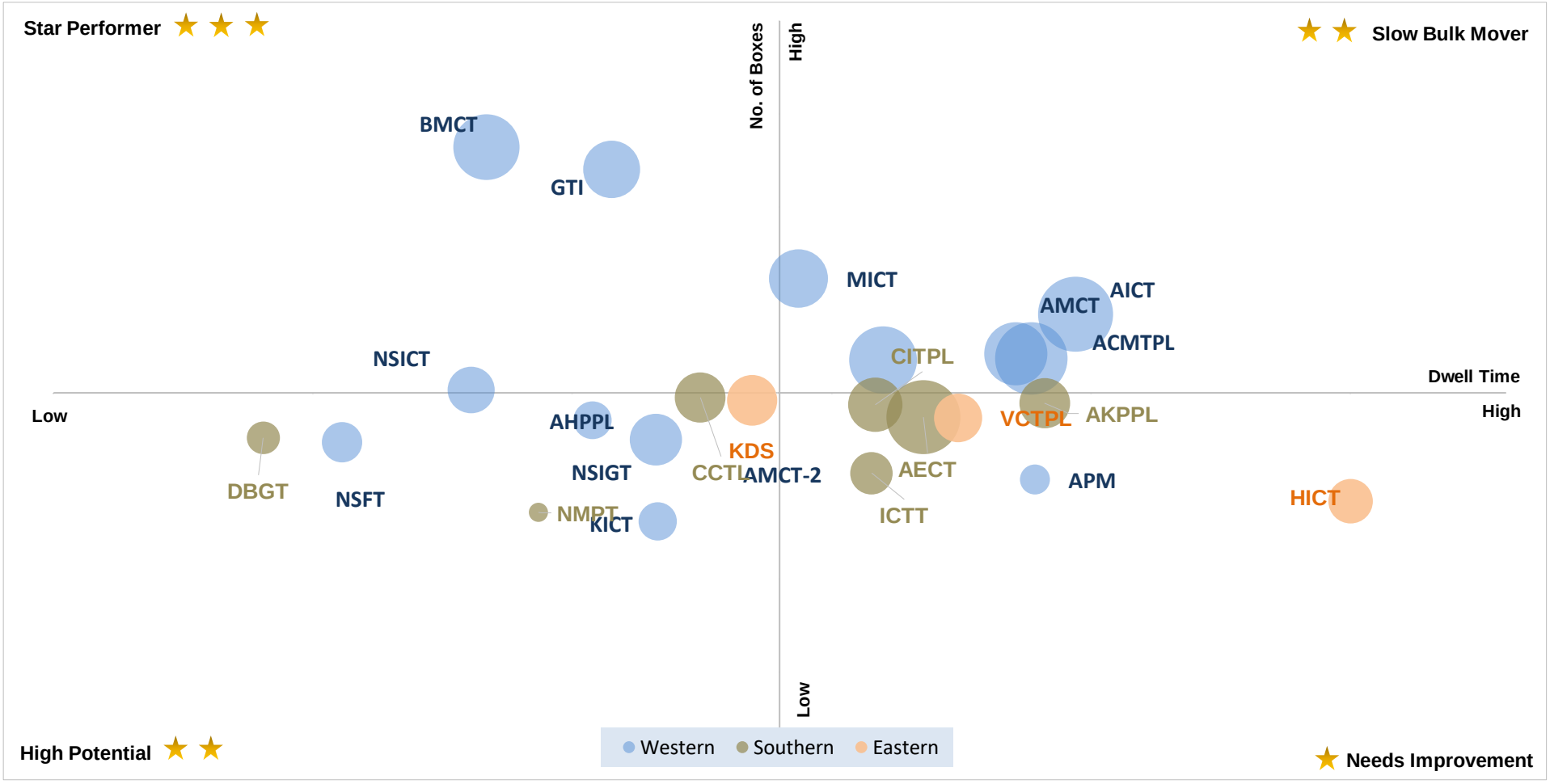
Performance Benchmarking: PAN India Terminals

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



X-Axis: Dwell Time

Bubble size represents the terminal capacity

Y-Axis: No. of Boxes

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

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

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

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

Note: Terminal abbreviation details are mentioned in annexure

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

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

X-Axis: Change in dwell time

Y-Axis: Change in no. of boxes

Abb.	Terminals	Container count
A	Adani CMA Mundra Terminal (ACMTPL)	5.4%
B	Adani Hazira Port Private Limited (AHPPL)	2.9%
C	Adani International Container Terminal (AICTPL)	6.8%
D	Adani Mundra Container Terminal (AMCT)	5.6%
E	Bharat Mumbai Container Terminals(PSA)	12.1%
F	Gateway Terminals India (GTI)	11.4%
G	APM Terminals Pipavav, Gujarat	1.6%
H	Nhava Sheva Freeport Terminal (NSFT)	2.8%
I	Mundra International Container Terminal (MICT)	7.9%
J	Nhava Sheva India Gateway Terminal (NSIGT)	3.5%
K	Nhava Sheva International Container Terminal (NSICT)	4.4%
L	Kandla International Container Terminal (KICT)	0.3%
M	Adani Mundra Container Terminal-2 (AMCT-2)	5.4%
N	Chennai Container Terminal Pvt. Ltd. (CCTL)	4.2%
O	Chennai International Terminals Pvt Ltd (CITPL)	4.0%
P	Dakshin Bharat Gateway Terminal (DBGT)	2.9%
Q	International Container Transhipment Terminal, Kochi	1.8%
R	Adani Kattupalli Port Private Limited (AKPPL)	4.0%
S	PSA SICAL Terminals	-
T	Mangalore Container Terminal Private Limited (MCTPL)	0.6%
U	Adani Ennore Container Terminal	3.6%
V	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)	-
W	Haldia International Container Terminal (HICT)	1.0%
X	Kolkata Dock System (KDS) , Kolkata Port	4.1%
Y	Visakha Container Terminal	3.7%

Star Performer ★★★

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

High Potential ★★

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

Slow Bulk Movers ★★

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

Needs Improvement ★

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

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

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

X-Axis: Dwell Time

Y-Axis: TEU Capacity

Abb.	Terminals	Container count
A	Adani CMA Mundra Terminal (ACMTPL)	5.4%
B	Adani Hazira Port Private Limited (AHPPL)	2.9%
C	Adani International Container Terminal (AICTPL)	6.8%
D	Adani Mundra Container Terminal (AMCT)	5.6%
E	Bharat Mumbai Container Terminals(PSA)	12.1%
F	Gateway Terminals India (GTI)	11.4%
G	APM Terminals Pipavav, Gujarat	1.6%
H	Nhava Sheva Freeport Terminal (NSFT)	2.8%
I	Mundra International Container Terminal (MICT)	7.9%
J	Nhava Sheva India Gateway Terminal (NSIGT)	3.5%
K	Nhava Sheva International Container Terminal (NSICT)	4.4%
L	Kandla International Container Terminal (KICT)	0.3%
M	Adani Mundra Container Terminal-2 (AMCT-2)	5.4%
N	Chennai Container Terminal Pvt. Ltd. (CCTL)	4.2%
O	Chennai International Terminals Pvt Ltd (CITPL)	4.0%
P	Dakshin Bharat Gateway Terminal (DBGT)	2.9%
Q	International Container Transhipment Terminal, Kochi	1.8%
R	Adani Kattupalli Port Private Limited (AKPPL)	4.0%
S	PSA SICAL Terminals	-
T	Mangalore Container Terminal Private Limited (MCTPL)	0.6%
U	Adani Ennore Container Terminal	3.6%
V	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)	-
W	Haldia International Container Terminal (HICT)	1.0%
X	Kolkata Dock System (KDS) , Kolkata Port	4.1%
Y	Visakha Container Terminal	3.7%

Star Performer ★★★

Entities with high TEU capacity and low dwell time

High Potential ★★

Entities with low TEU capacity and low dwell time

Slow Bulk Movers ★★

Entities with high TEU capacity and high dwell time

Needs Improvement ★

Entities with low TEU capacity and high dwell time

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Dwell Time Performance: CFS Import Cycle

IMPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)	JAS'23 (in hrs)	OADT (in hrs)	QADT (in hrs)
Western Region	**93.6**		**87.7**	**98.6**	**92.1**	**94.2**
JNPA	85.9	↑	83.0	87.9	85.2	85.9
Mundra	105.1	↑	94.6	108.8	101.4	104.5
Pipavav	94.5	↑	84.0	92.4	85.7	96.5
Hazira	109.1	↑	99.7	114.4	104.3	110.8
Southern Region	**128.8**		**126.0**	**131.8**	**116.0**	**128.9**
Chennai, Ennore, Kattupalli	116.8	↑	113.1	118.5	110.1	118.0
Kochi	129.5	↑	124.2	141.1	123.8	129.0
Tuticorin	182.6	↑	173.1	176.4	165.1	173.2
Eastern Region	**154.6**		**151.6**	**151.2**	**147.2**	**149.2**
Visakhapatnam	183.9	↑	179.4	172.4	160.1	172.4
Kolkata	145.8	↑	142.6	143.6	139.5	142.0
Haldia	151.5	↑	144.6	130.4	143.1	144.6

Below are number of CFSs across various ports:

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

OADT – Overall Avg Dwell Time
QADT – Quarterly Avg Dwell Time

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

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Dwell Time Performance: CFS Export Cycle

EXPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)	JAS'23 (in hrs)	OADT (in hrs)	QADT (in hrs)
Western Region	**72.1**		**68.0**	**57.9**	**67.7**	**67.7**
JNPA	74.6	↑	68.7	62.9	75.1	75.4
Mundra	70.0	↑	66.9	53.9	58.0	59.2
Pipavav	-		87.3	72.1	69.9	69.2
Southern Region	**43.4**		**48.5**	**32.4**	**38.3**	**36.9**
Chennai, Ennore, Kattupalli	48.1	↓	55.7	35.3	43.4	41.5
Tuticorin	27.4	↑	25.6	24.1	24.9	25.1
Eastern Region	**95.2**		**106.9**	**88.8**	**95.7**	**89.3**
Visakhapatnam	81.7	↓	92.6	81.3	83.4	80.7
Kolkata	114.2	↓	119.6	94.6	103.8	95.8

Below are number of CFSs across various ports:

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

OADT – Overall Avg Dwell Time
QADT – Quarterly Avg Dwell Time

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

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Performance Benchmarking: PAN India CFSs

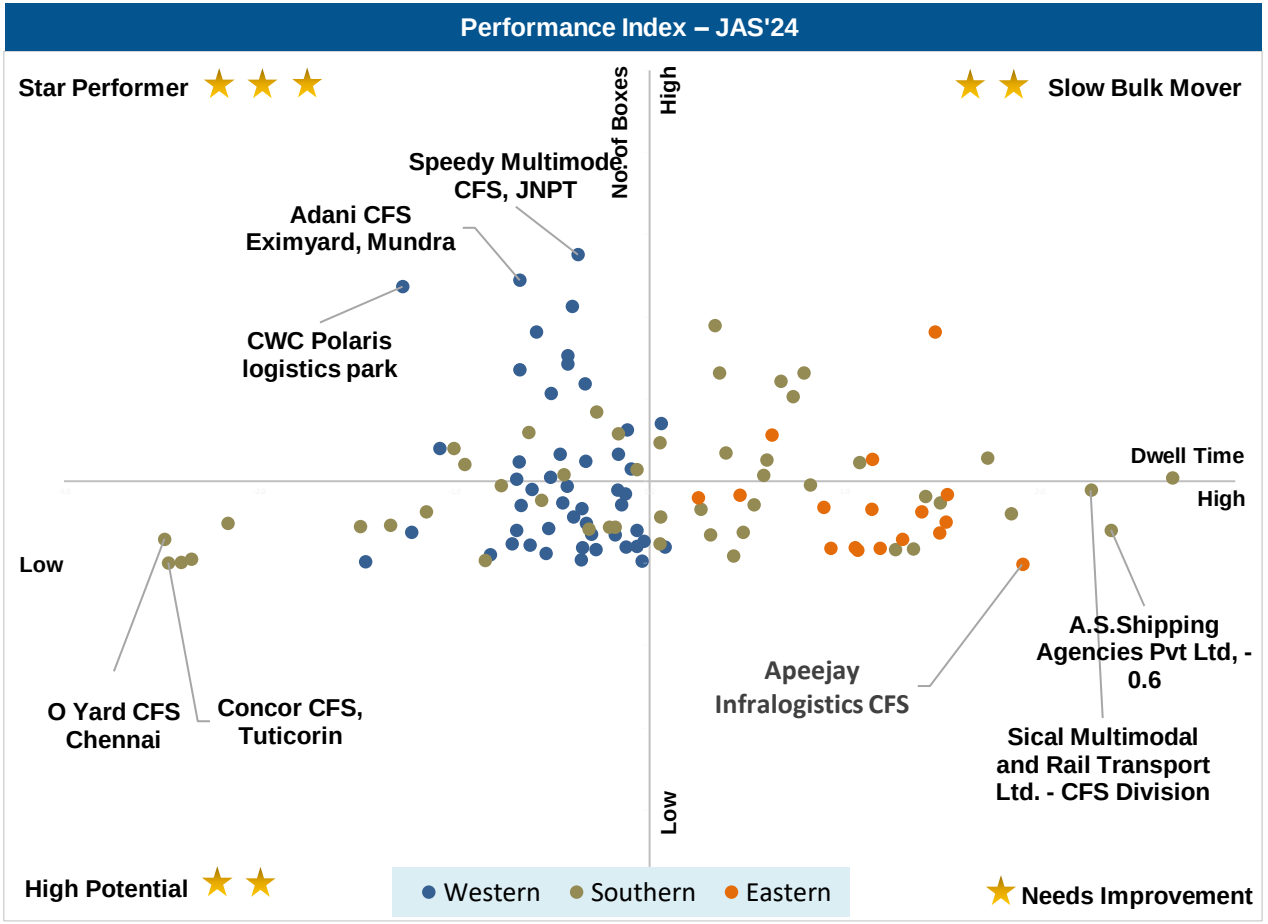
Performance benchmarking of CFSs based on dwell time vis-a-vis container count (no. of boxes) handled:

Top Performing CFS

- Speedy Multimode CFS, JNPT
- Adani CFS Eximyard, Mundra
- CWC Polaris logistics park

High Potential CFS

- O Yard CFS Chennai
- Concor CFS, Tuticorin



Low Performing CFS

- A.S.Shipping Agencies Pvt Ltd
- Sical Multimodal and Rail Transport Ltd.- CFS Division
- Apeejay Infralogistics CFS

X-Axis: Dwell Time

Y-Axis: No. of Boxes

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

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

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

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

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Dwell Time Performance: ICD Import & Export Cycle

IMPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)	JAS'23 (in hrs)	OADT (in hrs)	QADT (in hrs)
Western Region	119.6	↑	118.4	130.2	135.4	125.3
Southern Region	128.4	↑	126.5	144.6	132.9	129.0
Eastern Region	122.2	↓	129.9	93.3	106.4	110.5
Northern Region	113.3	↓	119.3	129.4	133.0	127.5

EXPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)	JAS'23 (in hrs)	OADT (in hrs)	QADT (in hrs)
Western Region	114.7	↑	99.1	93.6	97.0	101.7
Northern Region	100.4	↑	98.3	110.6	99.6	98.2

OADT – Overall Avg Dwell Time
QADT – Quarterly Avg Dwell Time

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

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ICD Performance Benchmarking: PAN India

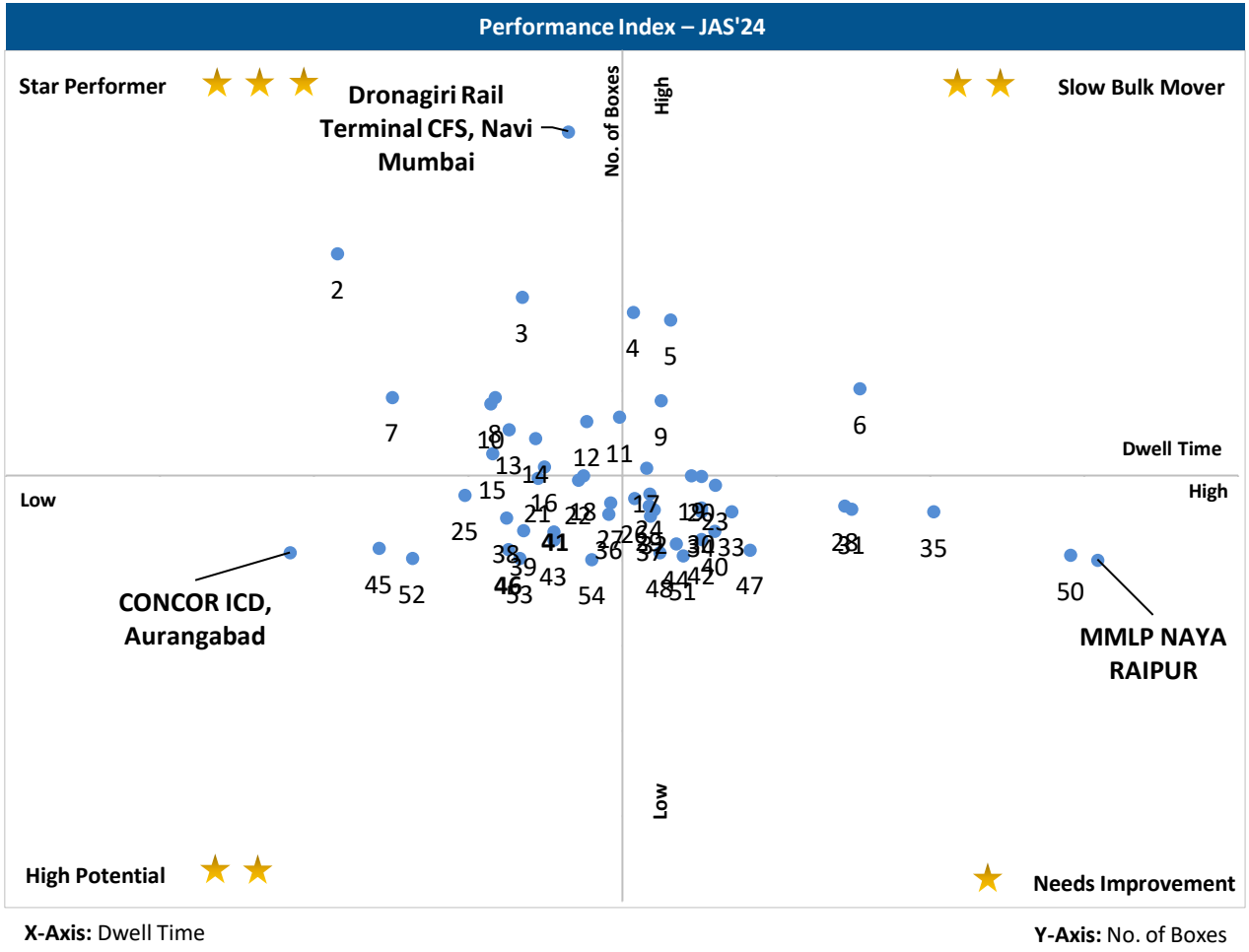
Performance benchmarking of ICDs based on dwell time vis-a-vis container count (no. of boxes) handled:

Top Performing ICD

Dronagiri Rail Terminal CFS, Navi Mumbai

High Potential ICD

CONCOR ICD, Aurangabad



Low Performing ICD

MMLP NAYA RAIPUR

Note:
Please refer annexure for ICD names

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Dwell Time Performance: Domestic Containers

Terminal dwell time performance for handling domestic containers:

Terminals	Dwell time for handling domestic containers			Overall domestic containers distribution among terminals	
	JAS'24 (in hrs)		AMJ'24 (in hrs)	JAS'24 (%)	AMJ'24 (%)
International Container Transhipment Terminal, Kochi	61.3	↑	59.8	29.1%	30.7%
Visakha Container Terminal	40.8	↓	50.7	11.2%	9.5%
PSA SICAL Terminals	91.8	↑	69.0	12.9%	11.9%
Bharat Mumbai Container Terminals(PSA)	10.0	↑	9.4	7.9%	4.7%
Mangalore Container Terminal Private Limited (MCTPL)	77.8	↑	74.7	5.0%	5.5%
Nhava Sheva India Gateway Terminal (NSIGT)	50.2	↑	50.1	4.7%	2.0%
Chennai Container Terminal Pvt. Ltd. (CCTL)	82.1	↓	95.9	4.6%	5.2%
Chennai International Terminals Pvt Ltd (CITPL)	74.7	↑	56.3	0.7%	4.6%
Dakshin Bharat Gateway Terminal (DBGT)	59.6	↓	71.1	3.5%	5.1%
Kandla International Container Terminal (KICT)	192.0	↑	183.0	4.5%	4.6%
Nhava Sheva International Container Terminal (NSICT)	60.2	↑	46.7	2.6%	1.5%
Nhava Sheva Freeport Terminal (NSFT)	16.5	↓	21.0	7.4%	8.7%
Kolkata Dock System (KDS) , Kolkata Port	61.2	↑	55.2	2.5%	3.0%
Haldia International Container Terminal (HICT)	96.0	↓	111.8	2.6%	2.1%
Paradip International Cargo Terminal	96.5	↑	92.6	0.8%	0.9%

Terminal handling highest domestic containers

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

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NLDS
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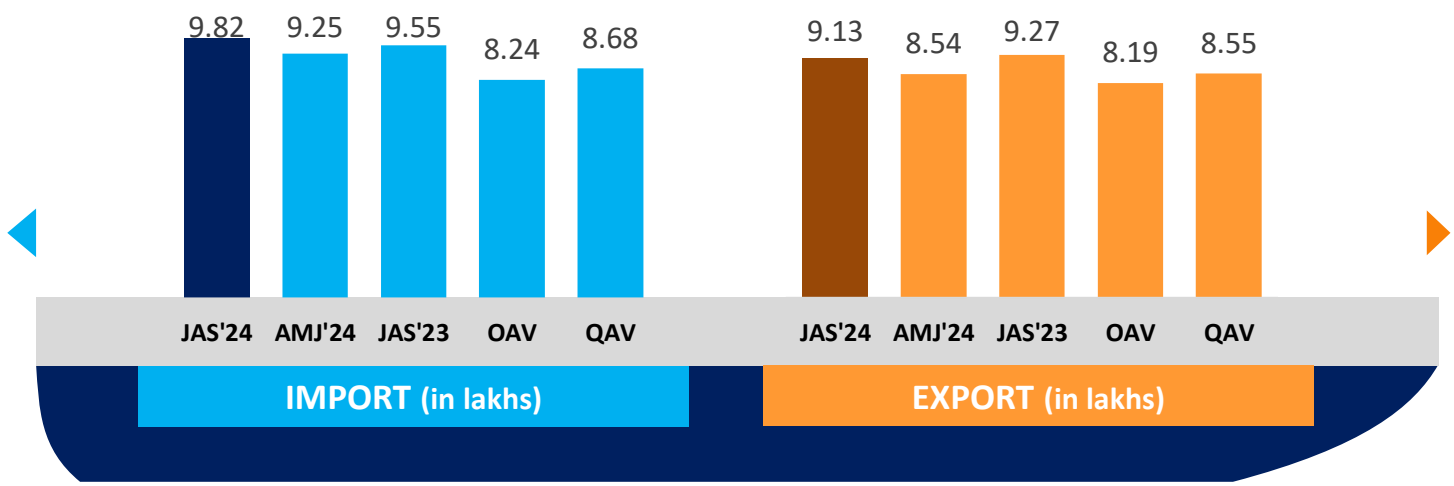
Logistics Redefined

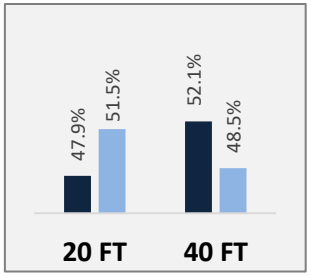
02
WESTERN REGION PERFORMANCE

Container Count: Western Region

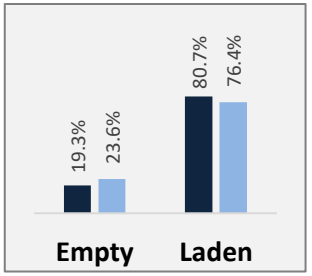
Western Region



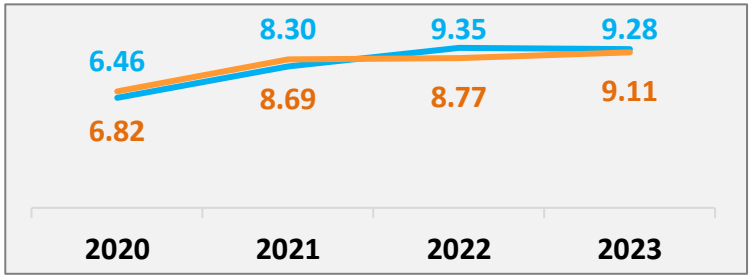
Container Size-wise (Import)



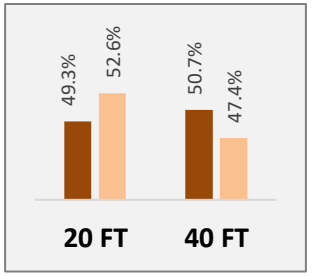
Container Type-wise (Import)



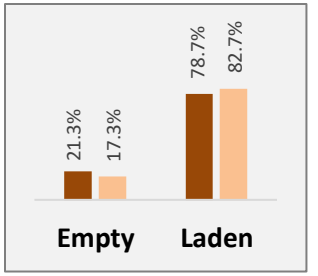
Container Count - Annual Average (in lakhs/ quarter)



Container Size-wise (Export)



Container Type-wise (Export)

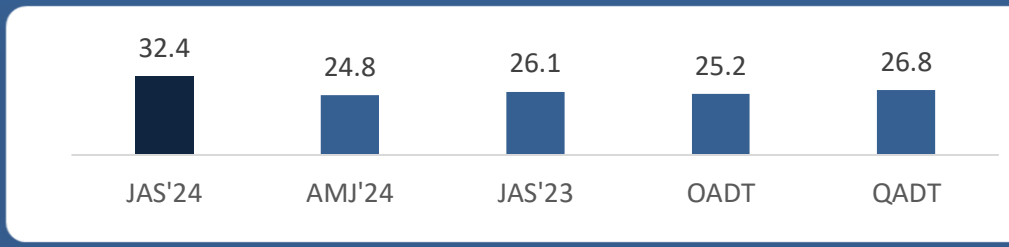


OAV – Overall Avg Volume
QAV – Quarterly Avg Volume

Dwell Time Performance: Western Region Import Cycle

IMPORT

Western Region

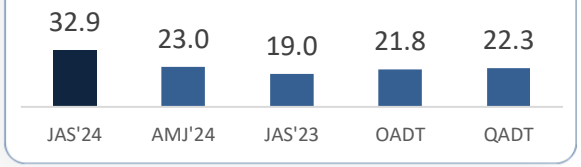


PAN India Import Dwell Time

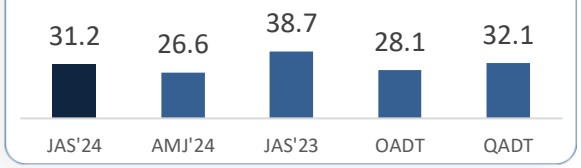
37.9 Hrs.

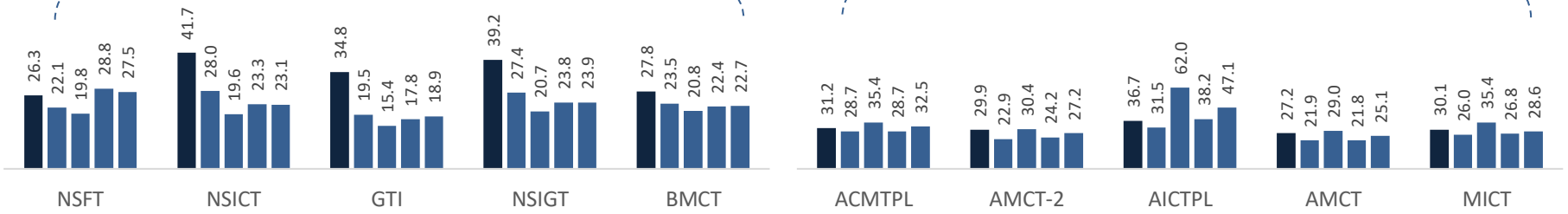
(JAS'24)

JNPA

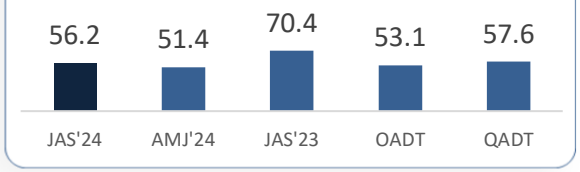


Mundra

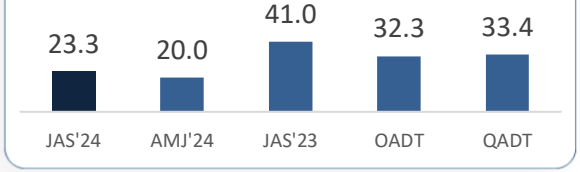




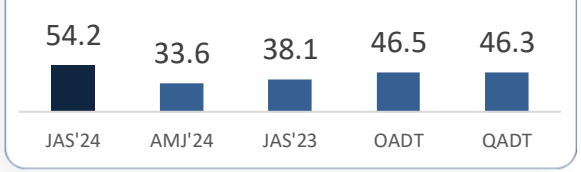
Pipavav



Hazira



Kandla



OADT – Overall Avg Dwell Time
QADT – Quarterly Avg Dwell Time

Note:
All values are in hours

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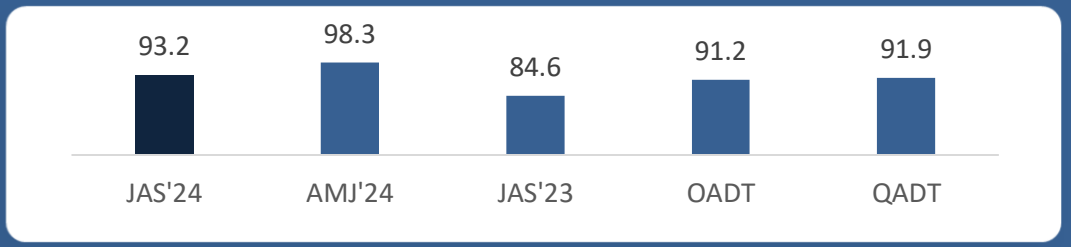
Dwell Time Performance: Western Region Export Cycle

EXPORT

Western Region

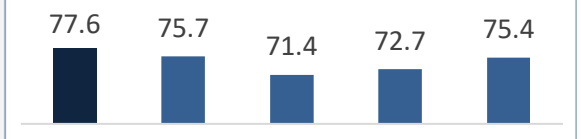


PAN India Export Dwell Time

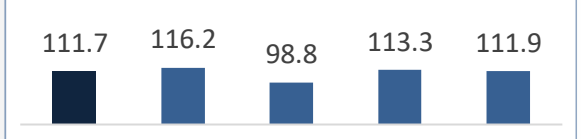
92.5 Hrs.

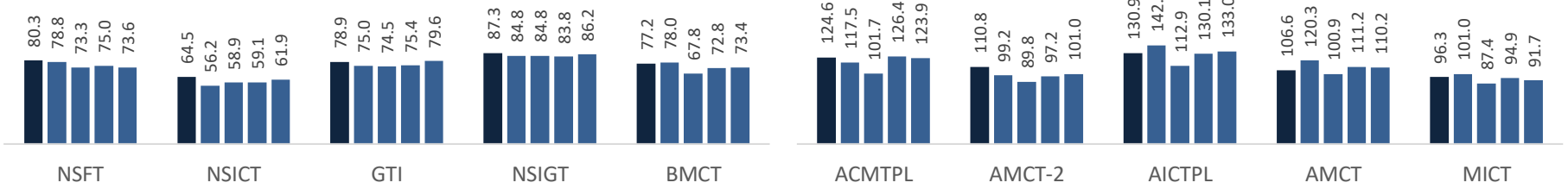
(JAS'24)

JNPA

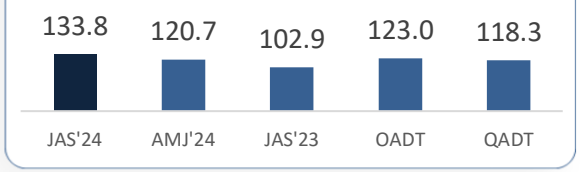


Mundra

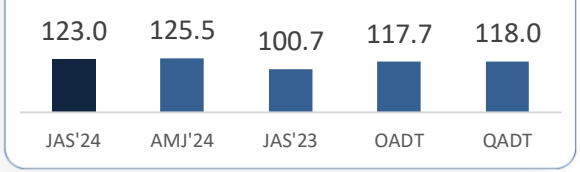




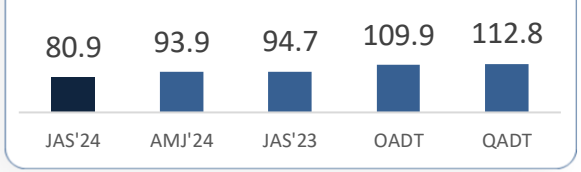
Pipavav



Hazira



Kandla



OADT – Overall Avg Dwell Time
QADT – Quarterly Avg Dwell Time

Note:
All values are in hours

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Container Turnaround Analysis: Western Region

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

Port In (Import Cycle)	Port Out (Export Cycle)	No. of Boxes Handled (in Percentage)			Turnaround Time (in Days)		
		JAS'24	AMJ'24	JAS'23	JAS'24	AMJ'24	JAS'23
JNPA	JNPA	96%	94%	95%	27.7	28.2	27.7
	Other Ports	4%	6%	5%	51.3	51.1	56.0
Mundra	Mundra	94%	95%	95%	35.2	30.0	34.4
	Other Ports	6%	5%	5%	47.2	43.6	56.1
Hazira	Hazira	94%	97%	98%	27.7	27.9	33.2
	Other Ports	6%	3%	2%	64.2	46.2	61.2
Kandla	Kandla	68%	78%	88%	35.5	32.2	40.5
	Mundra	32%	21%	12%	46.0	47.6	39.9
	Other Ports	-	1%	-	-	60.5	-
Pipavav	Mundra	50%	53%	54%	45.4	42.2	46.3
	Pipavav	46%	44%	43%	30.1	28.6	34.9
	Other Ports	4%	3%	3%	48.4	44.7	48.1

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Container Turnaround Analysis: JNPA Port

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

Port Terminal In (Import Cycle)	Port Terminal Out (Export Cycle)	No. of Boxes Handled (in Percentage)			Turnaround Time (in Days)		
		JAS'24	AMJ'24	JAS'23	JAS'24	AMJ'24	JAS'23
Bharat Mumbai Container Terminals(PSA)	Bharat Mumbai Container Terminals(PSA)	45%	43%	39%	27.1	28.1	32.5
	Gateway Terminals India (GTI)	28%	25%	19%	26.4	26.3	24.8
	Nhava Sheva Freeport Terminal (NSFT)	6%	7%	6%	32.5	30.1	35.0
	Nhava Sheva India Gateway Terminal (NSIGT)	9%	11%	16%	29.1	26.5	29.4
	Nhava Sheva International Container Terminal (NSICT)	12%	14%	20%	28.5	31.3	32.4
Gateway Terminals India (GTI)	Bharat Mumbai Container Terminals(PSA)	32%	24%	25%	26.3	26.0	22.3
	Gateway Terminals India (GTI)	44%	49%	38%	27.4	26.9	23.1
	Nhava Sheva Freeport Terminal (NSFT)	5%	9%	8%	30.3	29.6	24.2
	Nhava Sheva India Gateway Terminal (NSIGT)	7%	7%	15%	27.0	25.2	21.0
	Nhava Sheva International Container Terminal (NSICT)	12%	11%	14%	26.5	32.4	26.3
Nhava Sheva Freeport Terminal (NSFT)	Bharat Mumbai Container Terminals(PSA)	28%	23%	22%	28.8	25.8	29.2
	Gateway Terminals India (GTI)	28%	23%	21%	28.6	27.5	26.3
	Nhava Sheva Freeport Terminal (NSFT)	20%	32%	22%	27.9	27.8	31.3
	Nhava Sheva India Gateway Terminal (NSIGT)	14%	13%	18%	25.1	24.9	22.9
	Nhava Sheva International Container Terminal (NSICT)	10%	9%	17%	29.8	33.8	38.7
Nhava Sheva India Gateway Terminal (NSIGT)	Bharat Mumbai Container Terminals(PSA)	25%	18%	16%	27.0	31.1	35.8
	Gateway Terminals India (GTI)	19%	18%	14%	29.8	28.8	22.7
	Nhava Sheva Freeport Terminal (NSFT)	8%	12%	7%	27.6	27.3	24.3
	Nhava Sheva India Gateway Terminal (NSIGT)	34%	41%	49%	27.9	26.9	26.2
	Nhava Sheva International Container Terminal (NSICT)	14%	11%	14%	31.7	30.3	32.9
Nhava Sheva International Container Terminal (NSICT)	Bharat Mumbai Container Terminals(PSA)	27%	25%	26%	30.8	32.6	31.6
	Gateway Terminals India (GTI)	29%	28%	16%	27.2	30.8	28.3
	Nhava Sheva Freeport Terminal (NSFT)	6%	7%	6%	34.3	40.5	46.4
	Nhava Sheva India Gateway Terminal (NSIGT)	7%	7%	12%	27.5	27.7	31.1
	Nhava Sheva International Container Terminal (NSICT)	31%	33%	40%	28.3	32.3	29.4

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Container Turnaround Analysis: Mundra Port

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

Port Terminal In (Import Cycle)	Port Terminal Out (Export Cycle)	No. of Boxes Handled (in Percentage)			Turnaround Time (in Days)		
		JAS'24	AMJ'24	JAS'23	JAS'24	AMJ'24	JAS'23
Adani CMA Mundra Terminal (ACMTPL)	Adani CMA Mundra Terminal (ACMTPL)	61%	58%	56%	35.0	32.0	36.3
	Adani International Container Terminal (AICTPL)	1%	2%	2%	28.4	30.1	35.0
	Adani Mundra Container Terminal (AMCT)	26%	27%	29%	32.3	30.0	33.3
	Adani Mundra Container Terminal -2	6%	3%	5%	35.4	25.1	30.5
	Mundra International Container Terminal (MICT)	6%	10%	8%	32.6	22.6	27.0
Adani International Container Terminal (AICTPL)	Adani CMA Mundra Terminal (ACMTPL)	2%	2%	7%	30.5	23.0	24.1
	Adani International Container Terminal (AICTPL)	77%	82%	73%	48.1	37.9	37.2
	Adani Mundra Container Terminal (AMCT)	8%	6%	9%	32.3	24.4	30.5
	Adani Mundra Container Terminal -2	9%	6%	4%	36.7	33.2	32.1
	Mundra International Container Terminal (MICT)	4%	4%	7%	33.8	32.0	28.9
Adani Mundra Container Terminal (AMCT)	Adani CMA Mundra Terminal (ACMTPL)	18%	25%	25%	35.6	32.8	36.4
	Adani International Container Terminal (AICTPL)	4%	7%	5%	28.9	26.3	39.9
	Adani Mundra Container Terminal (AMCT)	42%	44%	46%	30.9	28.5	33.1
	Adani Mundra Container Terminal -2	24%	15%	12%	31.5	28.0	34.3
	Mundra International Container Terminal (MICT)	12%	9%	12%	27.8	30.1	35.0
Adani Mundra Container Terminal -2	Adani CMA Mundra Terminal (ACMTPL)	11%	15%	16%	33.9	28.4	33.4
	Adani International Container Terminal (AICTPL)	8%	7%	8%	25.2	25.1	36.5
	Adani Mundra Container Terminal (AMCT)	29%	29%	26%	30.5	25.7	33.5
	Adani Mundra Container Terminal -2	39%	34%	34%	34.3	28.3	35.2
	Mundra International Container Terminal (MICT)	13%	15%	16%	31.1	25.4	42.0
Mundra International Container Terminal (MICT)	Adani CMA Mundra Terminal (ACMTPL)	6%	8%	7%	36.1	22.1	28.6
	Adani International Container Terminal (AICTPL)	4%	5%	5%	39.0	33.1	42.3
	Adani Mundra Container Terminal (AMCT)	13%	12%	10%	33.5	29.6	40.9
	Adani Mundra Container Terminal -2	10%	5%	7%	37.6	36.2	50.8
	Mundra International Container Terminal (MICT)	67%	70%	71%	33.5	24.7	28.9

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Western Region Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)
Truck	27.3	↑	21.0
Train	64.2	↑	60.2
Overall	32.4	↑	24.8

CFS/ ICD Dwell Time

	JAS'24 (in hrs)		AMJ'24 (in hrs)
CFS	93.6	↑	87.7
ICD	119.6	↑	118.4

Container Lifecycle (Export Cycle)

Port Dwell Time

EXPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)
Truck	85.9	↓	91.8
Train	137.7	↑	133.7
Overall	93.2	↓	98.3

CFS/ ICD Dwell Time

	JAS'24 (in hrs)		AMJ'24 (in hrs)
CFS	72.1	↑	68.0
ICD	114.7	↑	99.1

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

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Port Performance Benchmarking: Western Region

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

X-Axis: Dwell Time

Y-Axis: No. of Boxes

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

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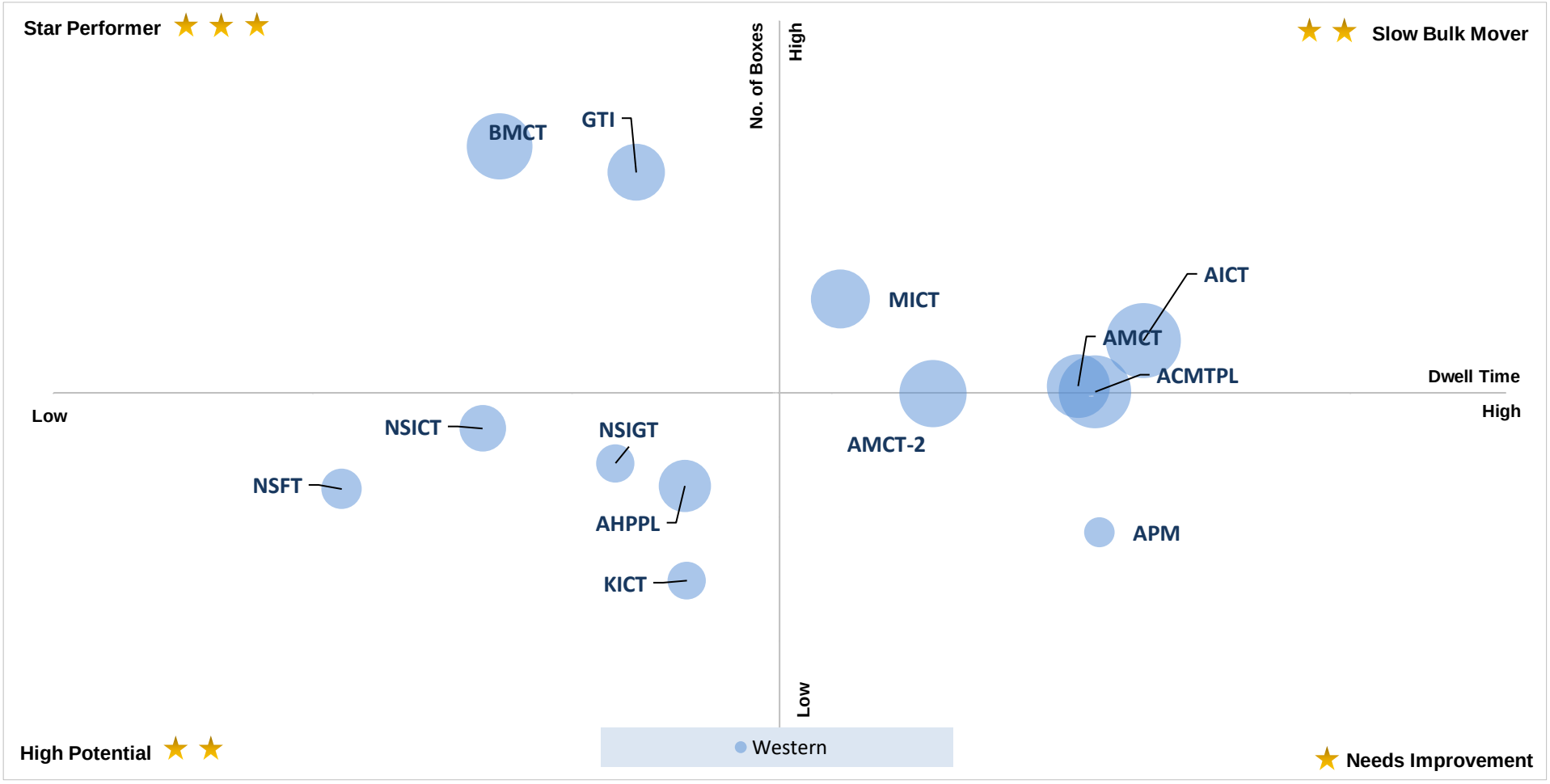
Performance Benchmarking: Western Region

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



X-Axis: Dwell Time

Bubble size represents the terminal capacity

Y-Axis: No. of Boxes

Star Performer ★ ★ ★

Entities with high container count and low dwell time

High Potential ★ ★

Entities with low container count and low dwell time

Slow Bulk Movers ★ ★

Entities with high container count and high dwell time

Needs Improvement ★

Entities with low container count and high dwell time

Note: Terminal abbreviation details are mentioned in annexure

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Port Performance Benchmarking (Previous year same quarter): Western Region

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

X-Axis: Change in dwell time

Y-Axis: Change in no. of boxes

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

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

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

X-Axis: Dwell Time

Y-Axis: TEU Capacity

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

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CFS Performance Benchmarking: Western Region

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

Top Performing CFS

CWC Polaris logistics park

High Potential CFS

Empezar Logistics CFS

Low Performing CFS

Hind Terminal CFS, Hazira

Note:
Please refer annexure for CFS names

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JNPA Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)
Truck	30.2	↑	20.4
Train	52.1	↑	51.8
Overall	32.9	↑	23.0

Transit Time

	JAS'24 (in hrs)		AMJ'24 (in hrs)
Port to CFS	2.8	↑	2.6
Port to ICD	111.2	↑	110.2

CFS/ ICD Dwell Time

	JAS'24 (in hrs)		AMJ'24 (in hrs)
CFS	85.9	↑	83.0
ICD	119.6	↑	118.4

CFS/ ICD Dwell Time

	JAS'24 (in hrs)		AMJ'24 (in hrs)
CFS	74.6	↑	68.7
ICD	114.7	↑	99.1

Transit Time

	JAS'24 (in hrs)		AMJ'24 (in hrs)
CFS to Port	4.6	↑	4.3
ICD to Port	91.3	↑	88.0

Port Dwell Time

EXPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)
Truck	74.4	↑	73.4
Train	107.3	↑	94.3
Overall	77.6	↑	75.7

Container Lifecycle (Export Cycle)

↓ ↑ Indicates decrease/ increase in time from last quarter

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Parking Plaza Analysis: JNPA Port

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

Parking Plaza Dwell Time	JAS'24 (in hrs)	AMJ'24 (in hrs)
Gate in - Gate Out	6.9	5.5

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

	Within 2 hrs	2-4 hrs	4-8 hrs	8-16 hrs	16-24 hrs	More than 24 hrs
Parking Plaza Dwell Time	5%	19%	33%	27%	10%	6%

Parking Plaza to JNPA Port	JAS'24 (in hrs)	AMJ'24 (in hrs)
Gate Out – Terminal In	0.9	0.9

Port Terminal	JAS'24 (in hrs)	AMJ'24 (in hrs)
NSFT	0.6	0.6
NSICT	1.3	2.3
GTI	0.9	0.8
NSIGT	0.8	0.8
BMCT	-	3.7

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

Parking Plaza to Port Terminal	Within 1 hrs	1-2 hrs	2-3 hrs	3-4 hrs	4-5 hrs	More than 5 hrs
NSFT	72%	15%	2%	4%	0%	7%
NSICT	47%	22%	9%	10%	7%	5%
GTI	55%	21%	9%	5%	3%	7%
NSIGT	55%	11%	6%	5%	4%	19%
BMCT	-	-	-	-	-	-

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Mundra Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)
Truck	22.3	↑	20.5
Train	73.7	↑	67.9
Overall	31.2	↑	26.6

Transit Time

	JAS'24 (in hrs)		AMJ'24 (in hrs)
Port to CFS	0.9	↓	1.0
Port to ICD	90.2	↑	85.0

CFS/ ICD Dwell Time

	JAS'24 (in hrs)		AMJ'24 (in hrs)
CFS	105.1	↑	94.6
ICD	119.6	↑	118.4

Container Lifecycle (Export Cycle)

Port Dwell Time

EXPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)
Truck	99.7	↓	106.7
Train	152.8	↑	149.9
Overall	111.7	↓	116.2

Transit Time

	JAS'24 (in hrs)		AMJ'24 (in hrs)
CFS to Port	0.8	↓	1.1
ICD to Port	73.4	↑	61.9

CFS/ ICD Dwell Time

	JAS'24 (in hrs)		AMJ'24 (in hrs)
CFS	70.0	↑	66.9
ICD	114.7	↑	99.1

↓ ↑ Indicates decrease/ increase in time from last quarter

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Parking Plaza Analysis: Mundra Port

The analysis showcases waiting time of containers at parking plaza:

Parking Plaza Dwell Time (Gate In – Gate Out)	JAS'24 (in hrs)	AMJ'24 (in hrs)
Adani Parking Yard No.1	1.6	1.4
North Gate Parking Yard	11.9	11.4

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

Parking Plaza Dwell Time	Within 2 hrs	2-4 hrs	4-8 hrs	8-16 hrs	16-24 hrs	More than 24 hrs
Adani Parking Yard No. 1	60%	17%	11%	9%	2%	1%
North Gate Parking Yard	12%	9%	15%	27%	22%	15%

Pipavav Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)
Overall	56.2	↑	51.4

CFS Dwell Time

	JAS'24 (in hrs)		AMJ'24 (in hrs)
CFS	94.5	↑	84.0

Container Lifecycle (Export Cycle)

Port Dwell Time

EXPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)
Overall	133.8	↑	120.7

CFS Dwell Time

	JAS'24 (in hrs)	AMJ'24 (in hrs)
CFS	-	87.3

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

Kandla Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)
Overall	54.2	↑	33.6

EXPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)
Overall	80.9	↓	93.9

Port Dwell Time

Container Lifecycle (Export Cycle)

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

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Hazira Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)
Overall	23.3	↑	20.0

CFS Dwell Time

	JAS'24 (in hrs)		AMJ'24 (in hrs)
CFS	109.1	↑	99.7

Container Lifecycle (Export Cycle)

Port Dwell Time

EXPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)
Overall	123.0	↓	125.5

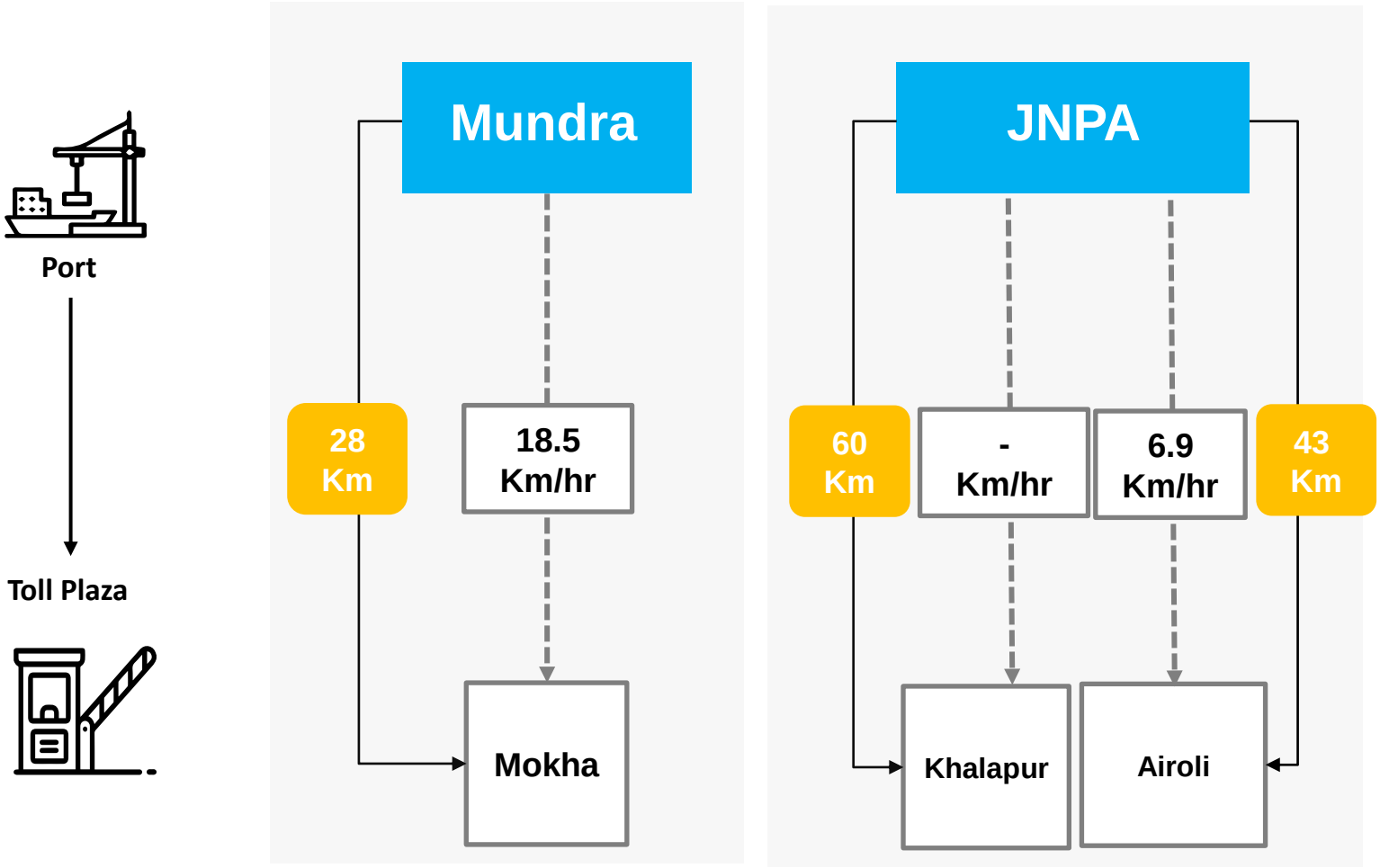
CFS Dwell Time

	JAS'24 (in hrs)	AMJ'24 (in hrs)
CFS	-	-

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

Port to Toll Plaza Transit Analysis: Western Region

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



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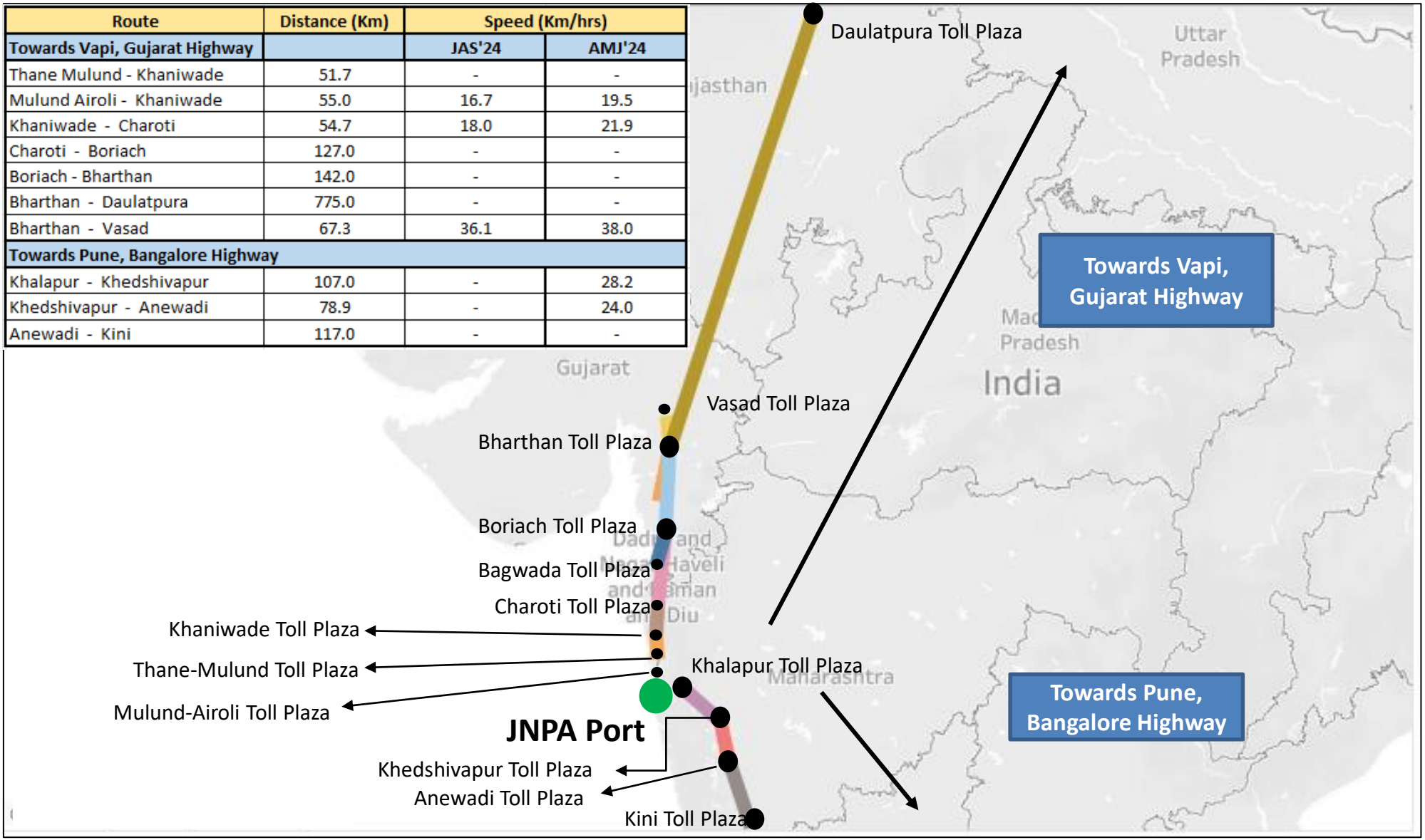
Toll Plaza Analysis: JNPA Port

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

Route	Distance (Km)	Speed (Km/hrs)	
Towards Vapi, Gujarat Highway		JAS'24	AMJ'24
Thane Mulund - Khaniwade	51.7	-	-
Mulund Airoli - Khaniwade	55.0	16.7	19.5
Khaniwade - Charoti	54.7	18.0	21.9
Charoti - Boriach	127.0	-	-
Boriach - Bharthan	142.0	-	-
Bharthan - Daulatpura	775.0	-	-
Bharthan - Vasad	67.3	36.1	38.0
Towards Pune, Bangalore Highway			
Khalapur - Khedshivapur	107.0	-	28.2
Khedshivapur - Anewadi	78.9	-	24.0
Anewadi - Kini	117.0	-	-



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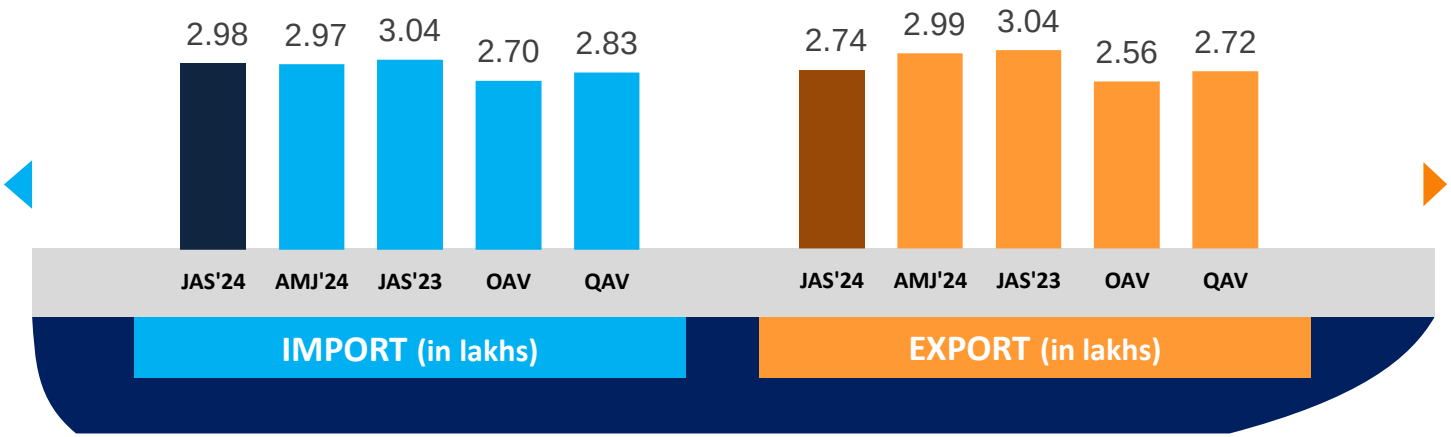
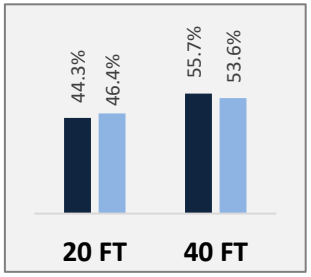
03
SOUTHERN REGION PERFORMANCE

Container Count: Southern Region

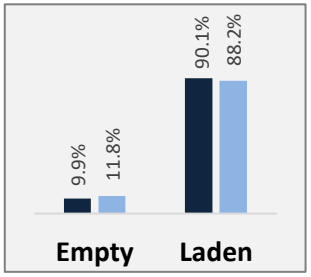
Southern Region



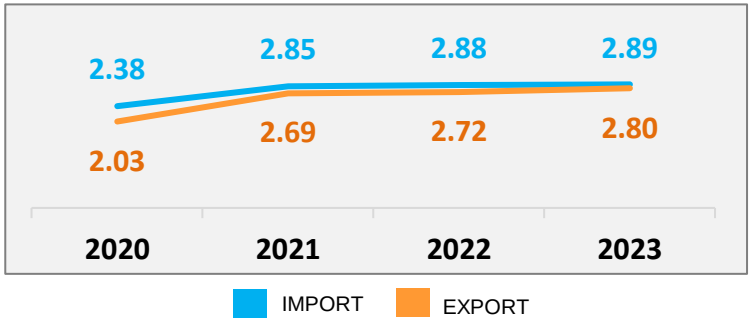
Container Size-wise (Import)



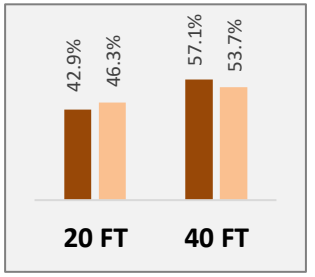
Container Type-wise (Import)



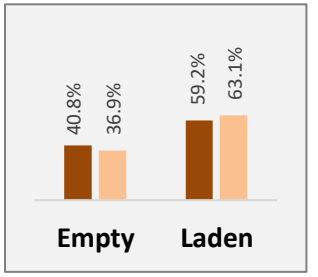
Container Count - Annual Average (in lakhs/ quarter)



Container Size-wise (Export)



Container Type-wise (Export)



OAV – Overall Avg Volume
QAV – Quarterly Avg Volume

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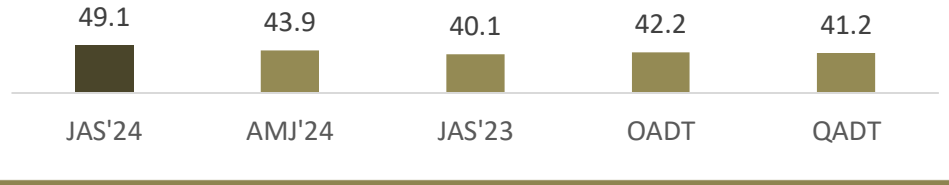
Dwell Time Performance: Southern Region Import Cycle

IMPORT

Southern Region



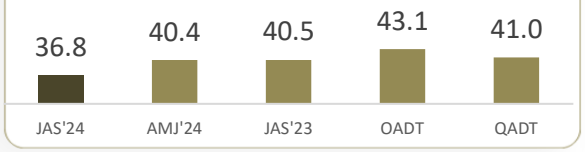
PAN India Import Dwell Time

37.9 Hrs.

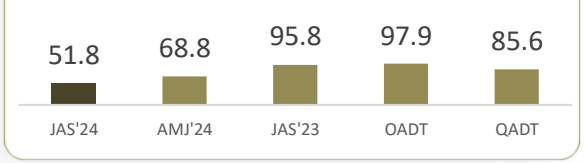
(JAS'24)

Ports

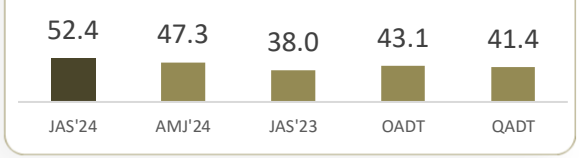
Kochi



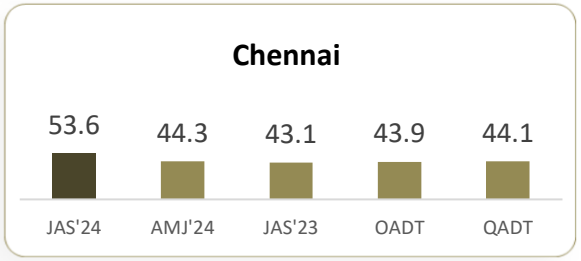
New Mangalore



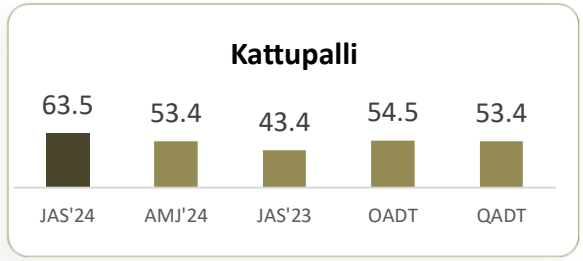
Ennore



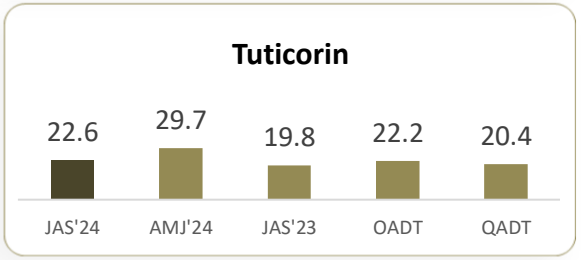
Chennai



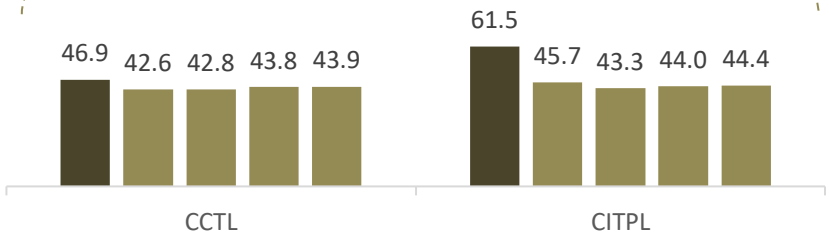
Kattupalli

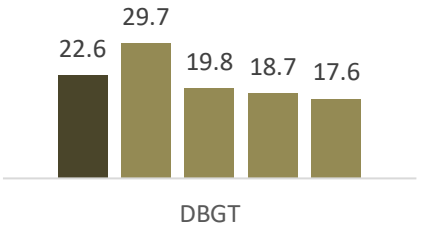


Tuticorin



Terminals





OADT – Overall Avg Dwell Time
QADT – Quarterly Avg Dwell Time

Note:

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

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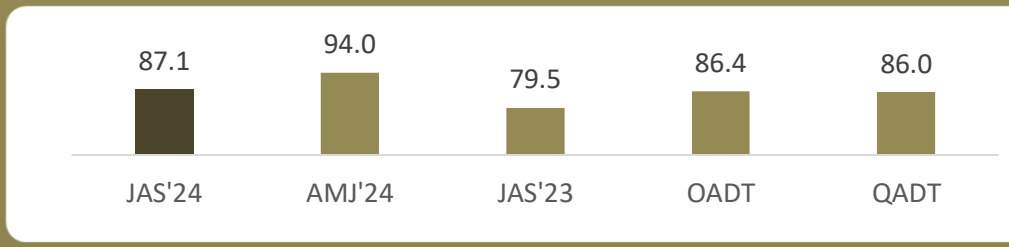
Dwell Time Performance: Southern Region Export Cycle

EXPORT

Southern Region



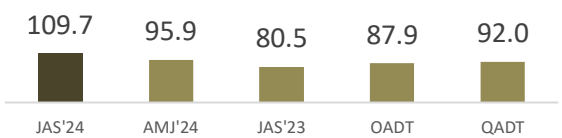
PAN India Export Dwell Time

92.5 Hrs.

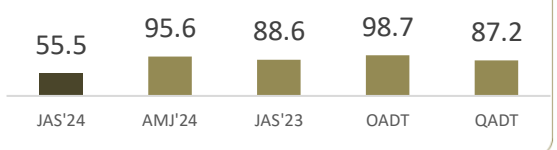
(JAS'24)

Ports

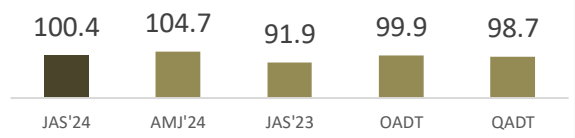
Kochi



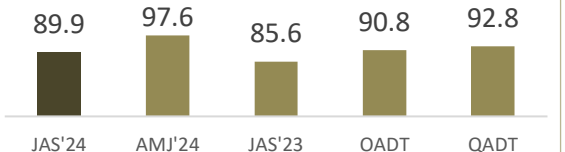
New Mangalore



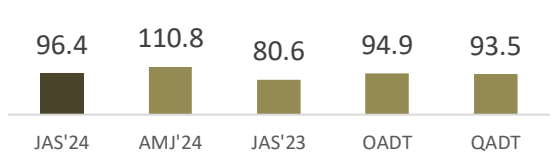
Ennore



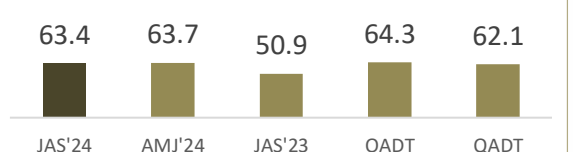
Chennai



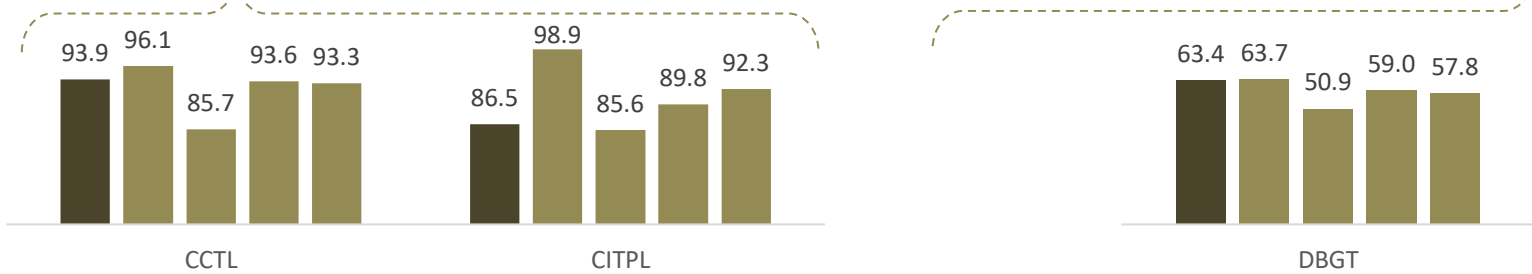
Kattupalli

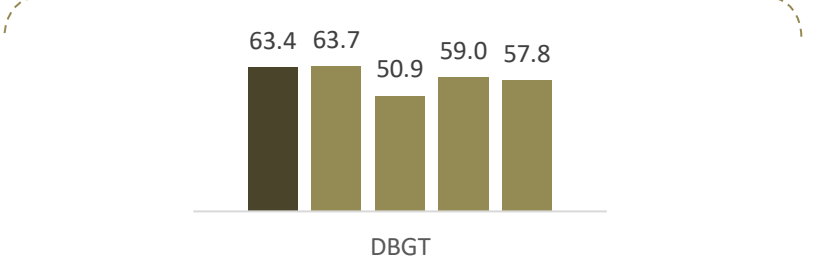


Tuticorin



Terminals





OADT – Overall Avg Dwell Time
QADT – Quarterly Avg Dwell Time

Note:

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

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Container Turnaround Analysis: Southern Region

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

Port In (Import Cycle)	Port Out (Export Cycle)	No. of Boxes Handled (in Percentage)			Turnaround Time (in Days)		
		JAS'24	AMJ'24	JAS'23	JAS'24	AMJ'24	JAS'23
Kochi	Kochi	100%	100%	-	25.1	26.6	-
	Other Ports	-	-	-	-	-	-
Ennore	Ennore	94%	94%	92%	24.8	22.2	22.9
	Other Ports	6%	6%	8%	36.1	29.3	30
Tuticorin	Tuticorin	100%	100%	100%	23.5	25.2	27.5
	Other Ports	-	-	-	-	-	-
Chennai	Chennai	77%	71%	76%	23.9	25.0	21.5
	Kattupalli	19%	25%	19%	25.6	26.2	22.8
	Other Ports	4%	4%	5%	37.9	34.1	28.8
Kattupalli	Kattupalli	64%	66%	62%	30.4	29.2	26.6
	Chennai	28%	29%	36%	29.1	25.6	25.3
	Other Ports	8%	5%	2%	40.2	28.0	41.5

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Container Turnaround Analysis: Chennai Port

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

Port Terminal In (Import Cycle)	Port Terminal Out (Export Cycle)	No. of Boxes Handled (in Percentage)			Turnaround Time (in Days)		
		JAS'24	AMJ'24	JAS'23	JAS'24	AMJ'24	JAS'23
CCTL	CCTL	71%	61%	63%	23.6	24.5	22.4
	CITPL	29%	39%	37%	22.6	23.4	19.7
CITPL	CITPL	64%	72%	68%	25.6	26.4	22.7
	CCTL	36%	28%	32%	22.4	24.0	20.1

Southern Region Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)
Truck	49.2	↑	43.9
Train	41.3	↑	39.2
Overall	49.1	↑	43.9

CFS/ ICD Dwell Time

	JAS'24 (in hrs)		AMJ'24 (in hrs)
CFS	128.8	↑	126.0
ICD	128.4	↑	126.5

Container Lifecycle (Export Cycle)

Port Dwell Time

EXPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)
Truck	86.8	↓	92.9
Train	116.9	↑	115.8
Overall	87.1	↓	94.0

CFS/ ICD Dwell Time

	JAS'24 (in hrs)		AMJ'24 (in hrs)
CFS	43.4	↓	48.5
ICD	-		-

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

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Port Performance Benchmarking: Southern Region

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

X-Axis: Dwell Time

Y-Axis: No. of Boxes

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

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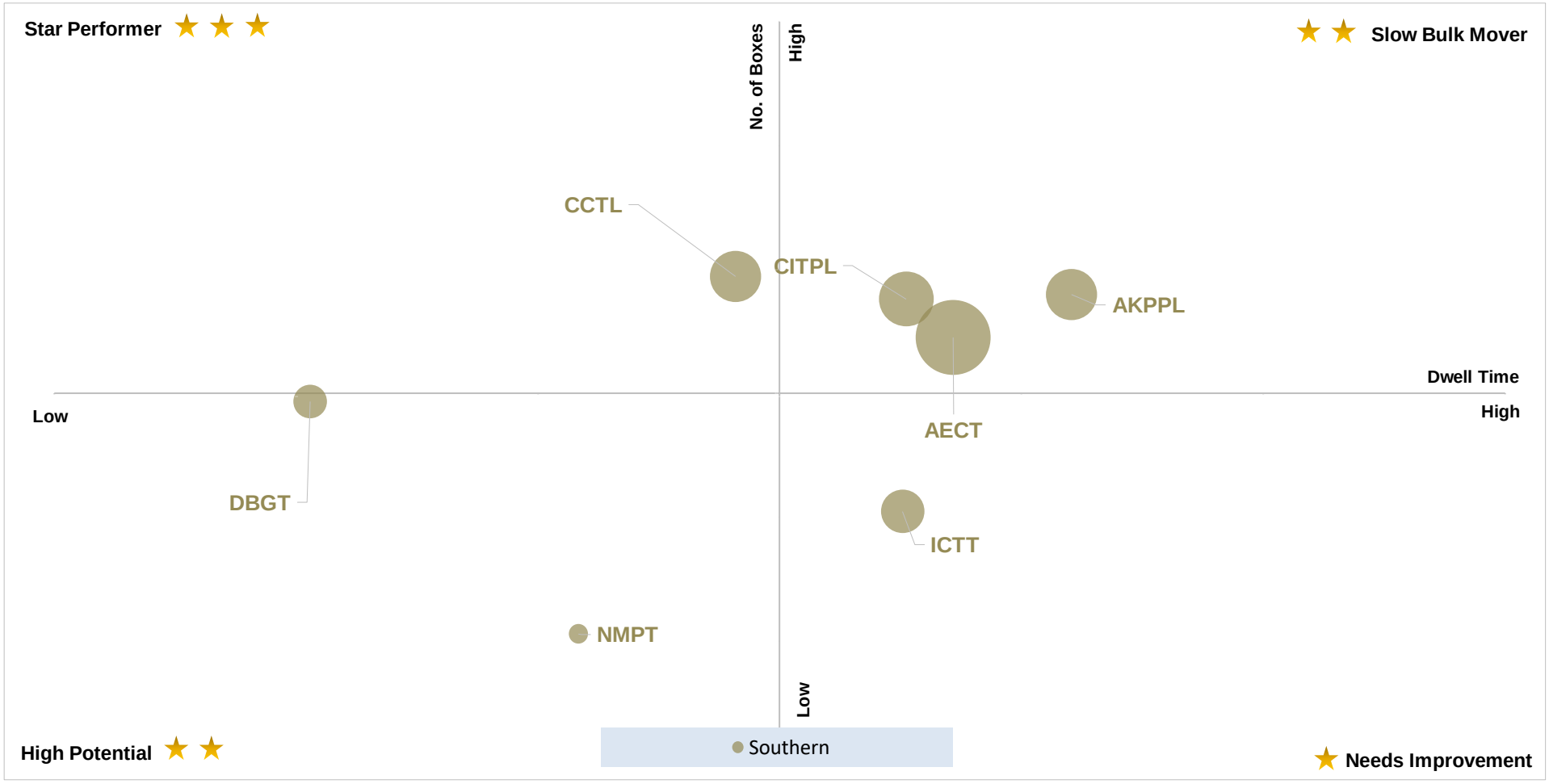
Performance Benchmarking: Southern Region

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



X-Axis: Dwell Time

Bubble size represents the terminal capacity

Y-Axis: No. of Boxes

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

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

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

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

Note: Terminal abbreviation details are mentioned in annexure

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Port Performance Benchmarking (Previous year same quarter): Southern Region

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

X-Axis: Change in dwell time

Y-Axis: Change in no. of boxes

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

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

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

X-Axis: Dwell Time

Y-Axis: TEU Capacity

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

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CFS Performance Benchmarking: Southern Region

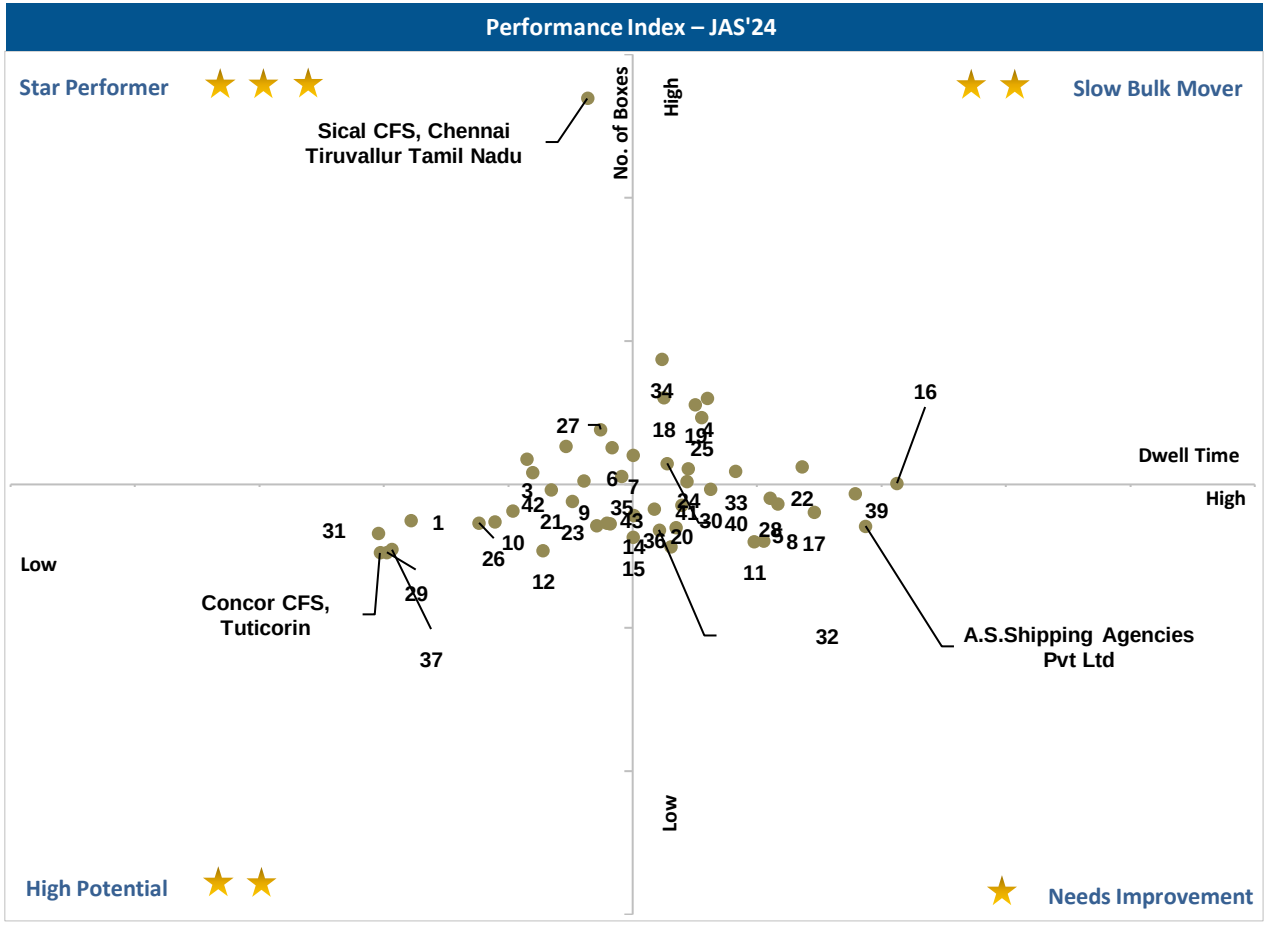
Performance benchmarking of CFSs based on dwell time vis-a-vis container count (no. of boxes) handled:

Top Performing CFS

Sical CFS, Chennai Tiruvallur Tamil Nadu

High Potential CFS

Concor CFS, Tuticorin



Low Performing CFS

A.S.Shipping Agencies Pvt Ltd

Note:
Please refer annexure for CFS names

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Chennai Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)
Truck	53.9	↑	44.4
Train	38.9	↑	36.9
Overall	53.6	↑	44.3

Transit Time

	JAS'24 (in hrs)		AMJ'24 (in hrs)
Port to CFS	3.4	↑	3.0

CFS Dwell Time

	JAS'24 (in hrs)		AMJ'24 (in hrs)
CFS	116.8	↑	113.1

Container Lifecycle (Export Cycle)

Port Dwell Time

EXPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)
Truck	89.4	↓	97.1
Train	130.7	↑	124.2
Overall	89.9	↓	97.6

Transit Time

	JAS'24 (in hrs)		AMJ'24 (in hrs)
CFS to Port	9.5	↑	7.0

CFS Dwell Time

	JAS'24 (in hrs)		AMJ'24 (in hrs)
CFS	48.1	↓	55.7

↓ ↑ Indicates decrease/ increase in time from last quarter

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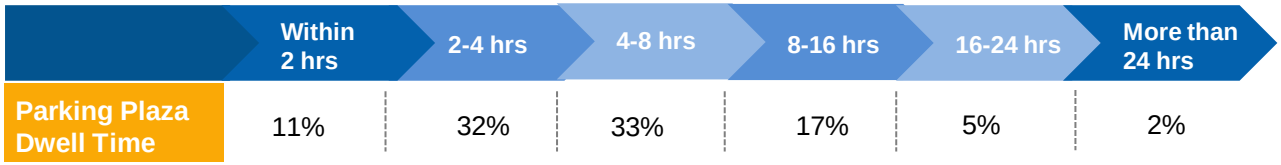
Parking Plaza Analysis: Chennai Port

The analysis showcases the waiting time of containers at parking plaza:

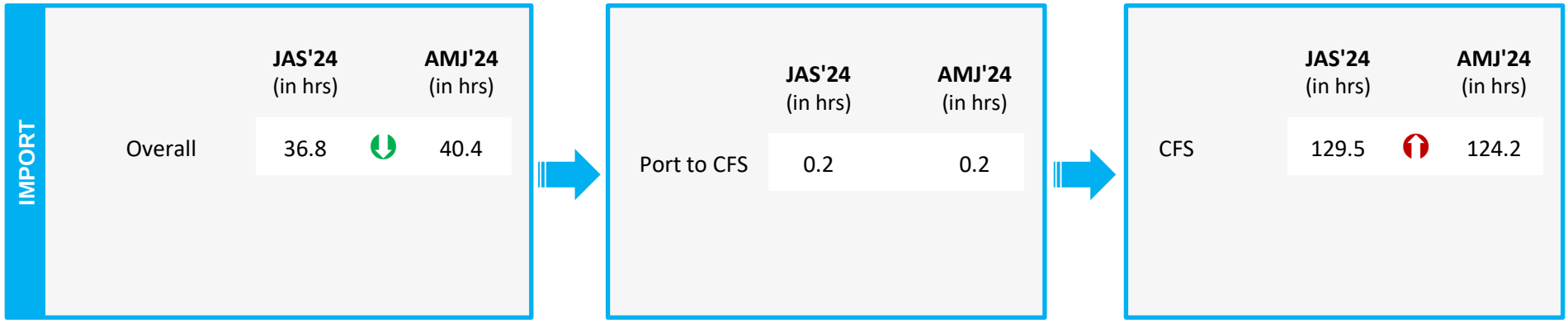
Parking Plaza Dwell Time (Gate In – Gate Out)	JAS'24 (in hrs)	AMJ'24 (in hrs)
Thiruvottiyur CWC DPE Facility	4.5	4.5

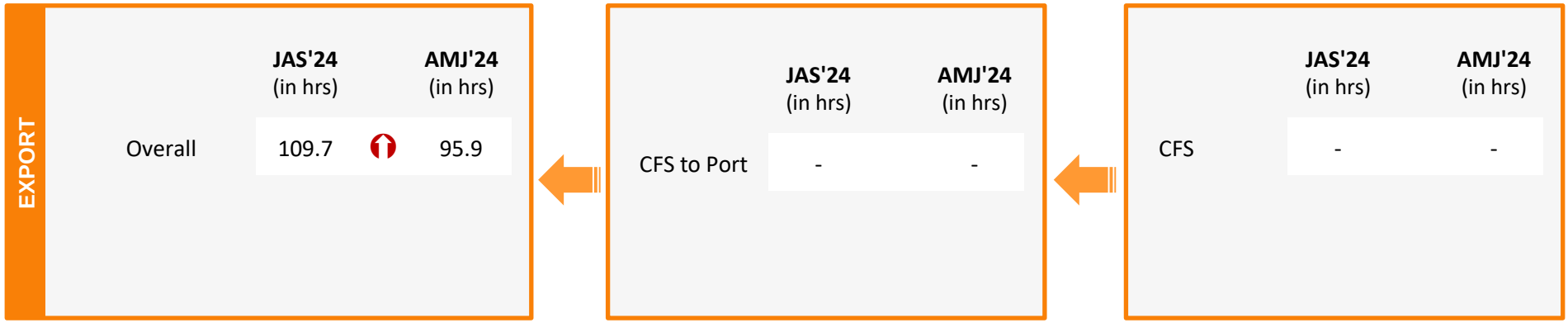
Container Count Percentage: Hour-wise (JAS'24)



Kochi Port Performance

Container Lifecycle (Import Cycle)





Container Lifecycle (Export Cycle)

Indicates decrease/ increase in time from last quarter

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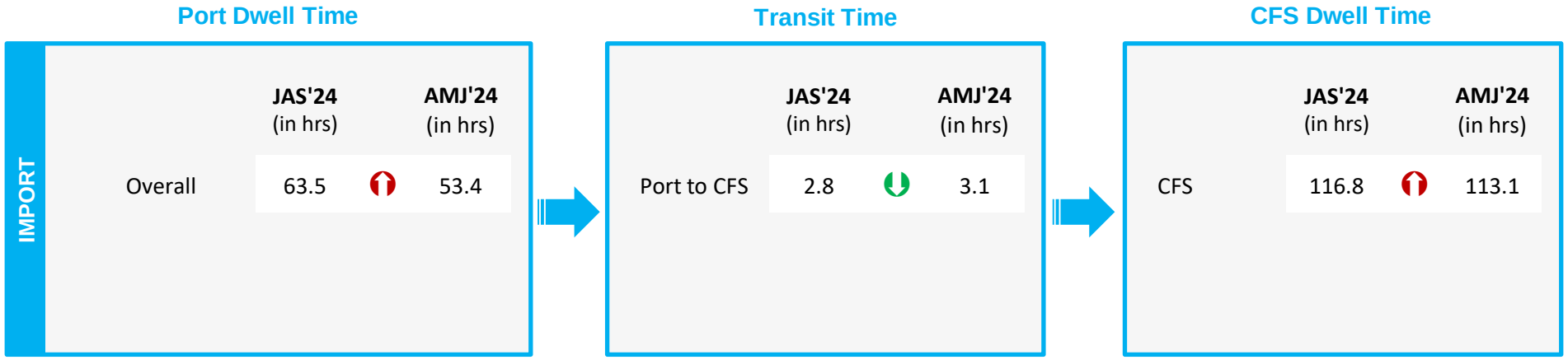
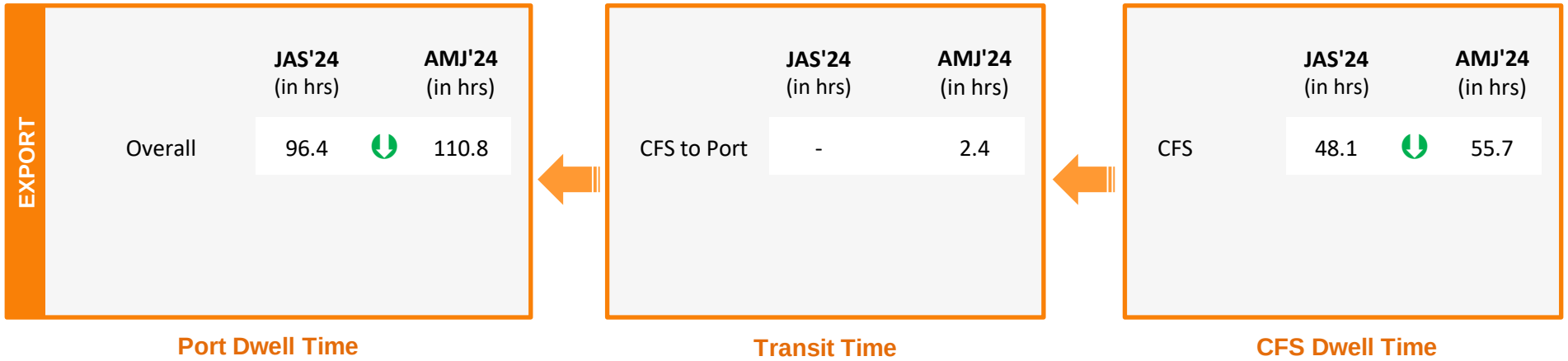
Kattupalli Port Performance

Container Lifecycle (Import Cycle)





Container Lifecycle (Export Cycle)

Indicates decrease/ increase in time from last quarter

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Tuticorin Port Performance

Container Lifecycle (Import Cycle)

IMPORT

	Port Dwell Time			Transit Time			CFS Dwell Time		
	JAS'24 (in hrs)		AMJ'24 (in hrs)	JAS'24 (in hrs)		AMJ'24 (in hrs)	JAS'24 (in hrs)		AMJ'24 (in hrs)
Overall	22.6	↓	29.7						
Port to CFS				0.8		0.8			
CFS							182.6	↑	173.1

EXPORT

	CFS Dwell Time			Transit Time			Port Dwell Time		
	JAS'24 (in hrs)		AMJ'24 (in hrs)	JAS'24 (in hrs)		AMJ'24 (in hrs)	JAS'24 (in hrs)		AMJ'24 (in hrs)
CFS	27.4	↑	25.6						
CFS to Port				1.7	↓	1.9			
Overall							63.4	↓	63.7

Container Lifecycle (Export Cycle)

↓ ↑ Indicates decrease/ increase in time from last quarter

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Ennore Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)
Truck	52.7	↑	47.6
Train	42.9	↓	43.3
Overall	52.4	↑	47.3

Transit Time

	JAS'24 (in hrs)		AMJ'24 (in hrs)
Port to CFS	1.8	↑	1.7

CFS Dwell Time

	JAS'24 (in hrs)		AMJ'24 (in hrs)
CFS	116.8	↑	113.1

Container Lifecycle (Export Cycle)

Port Dwell Time

EXPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)
Truck	99.9	↓	104.6
Train	109.4	↑	105.7
Overall	100.4	↓	104.7

Transit Time

	JAS'24 (in hrs)		AMJ'24 (in hrs)
CFS to Port	-		4.1

CFS Dwell Time

	JAS'24 (in hrs)		AMJ'24 (in hrs)
CFS	48.1	↓	55.7

↓ ↑ Indicates decrease/ increase in time from last quarter

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New Mangalore Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)
Overall	51.8*	↓	68.8

EXPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)
Overall	55.5*	↓	95.6

Port Dwell Time

Container Lifecycle (Export Cycle)

*Current quarter New Mangalore dwell time does not include the free time at the port

↓ ↑ Indicates decrease/ increase in time from last quarter

Port to Toll Plaza Analysis: Southern Region

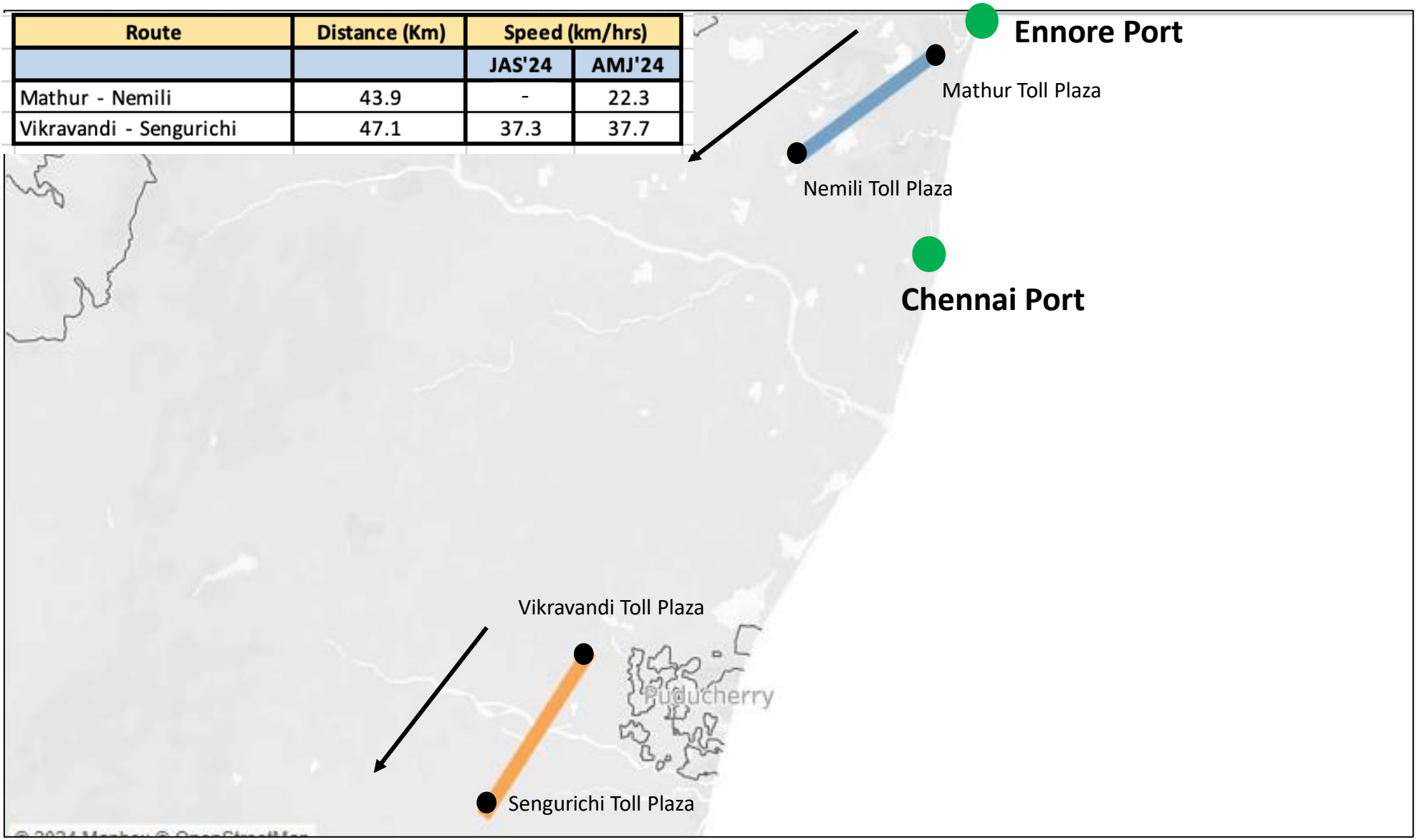
Below table depicts the average speed of a truck to cover the distance between the port and nearest toll plaza:

Region	Port	Adjacent Toll plaza	Distance (in Km)	Average Speed (in Km/ hr)	
				JAS' 24	AMJ'24
Southern	Kochi	Ponnarimangalam	5	17.6	16.7
	New Mangalore	Brahamarakotlu	25	24.2	-
	Chennai	Mathur	25	11.7	13.0
	Kattupalli	Mathur	28	20.0	14.8
	Ennore	Mathur	21	12.9	12.6
	Tuticorin	Pudurpandiyapuram	29	42.4	46.1

Toll Plaza Analysis: Chennai and Ennore Port

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

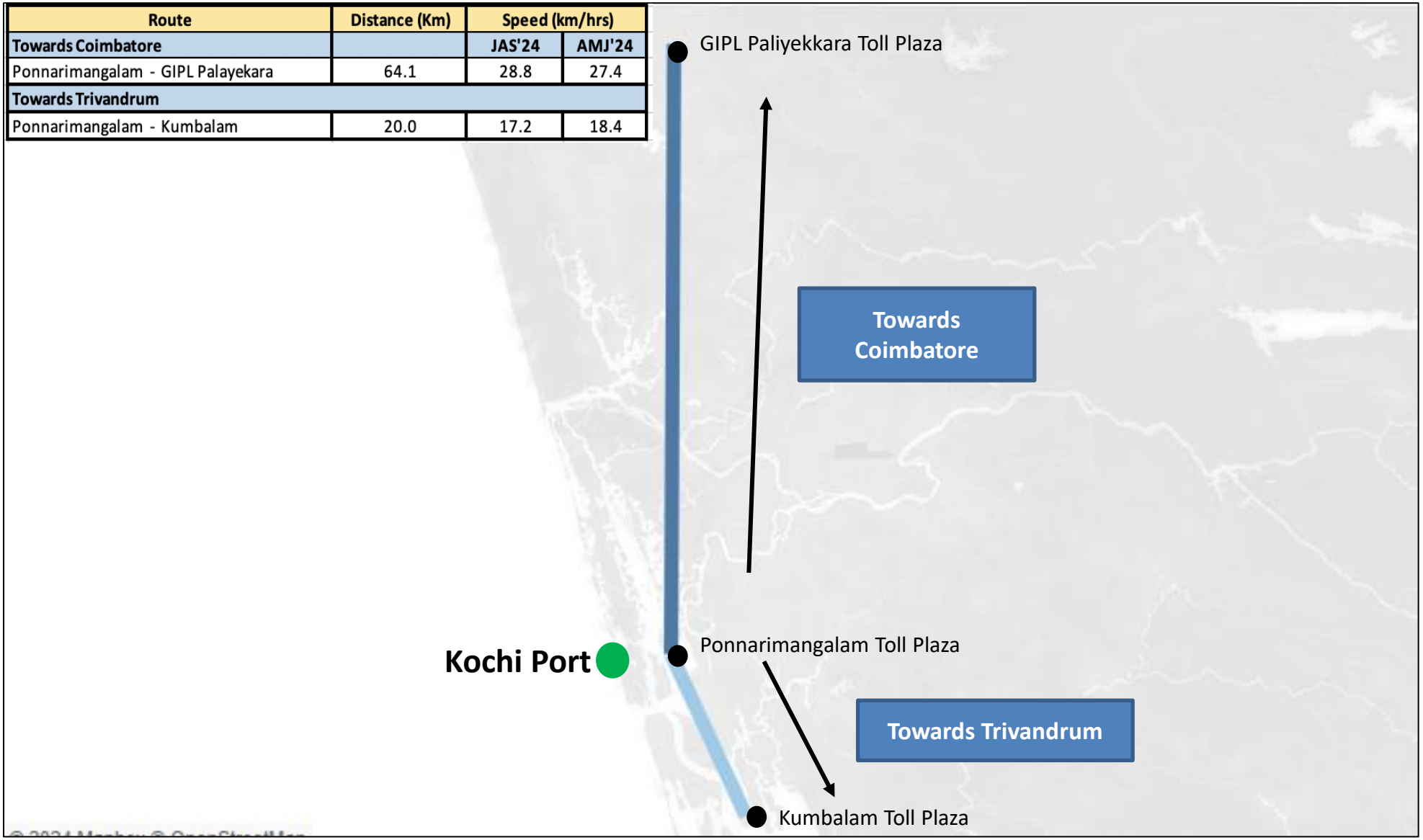
Route	Distance (Km)	Speed (km/hrs)	
		JAS'24	AMJ'24
Mathur - Nemili	43.9	-	22.3
Vikravandi - Sengurichi	47.1	37.3	37.7



Toll Plaza Analysis: Kochi Port

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

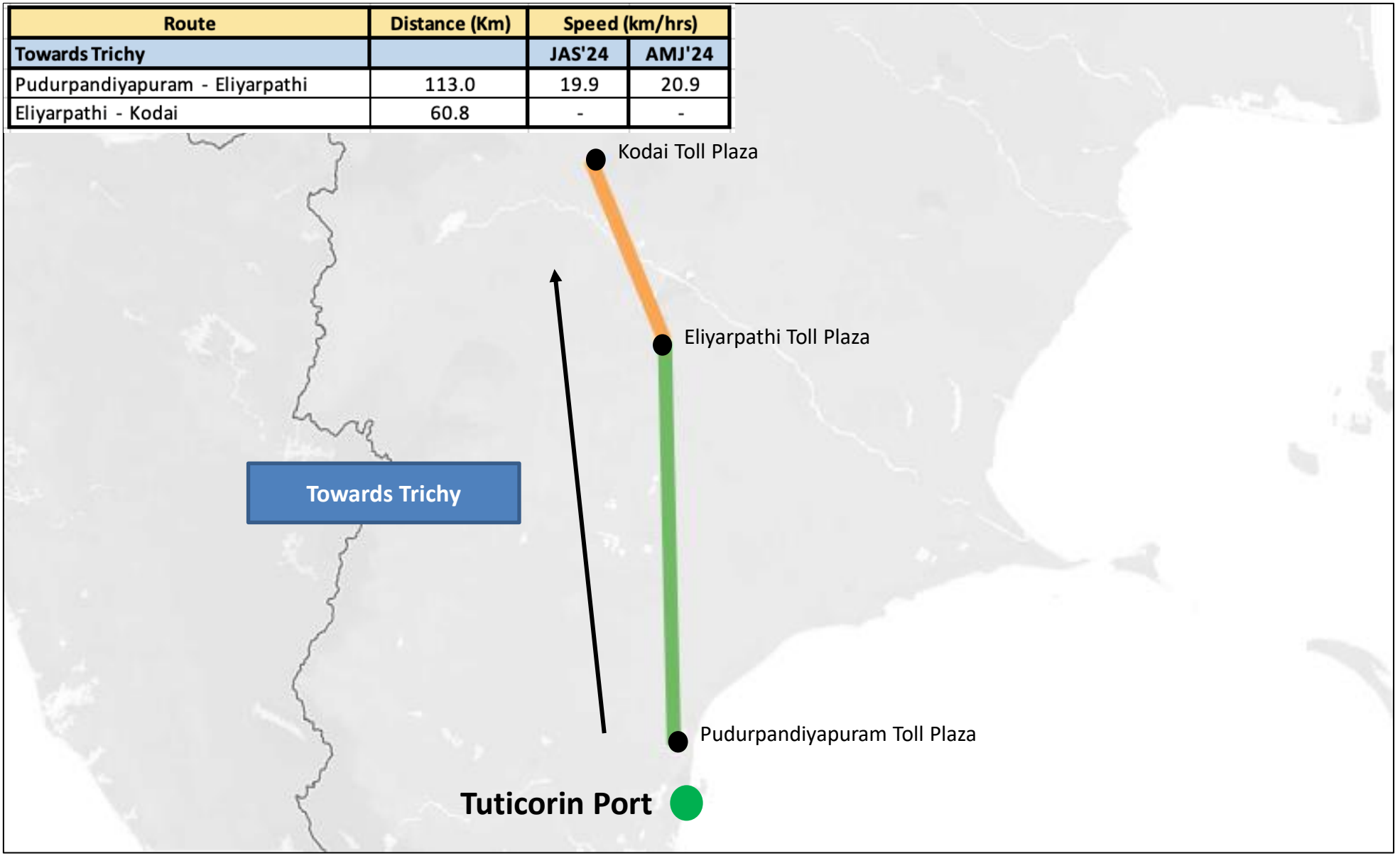
Route	Distance (Km)	Speed (km/hrs)	
Towards Coimbatore		**JAS'24**	**AMJ'24**
Ponnarimangalam - GIPL Palayekara	64.1	28.8	27.4
Towards Trivandrum			
Ponnarimangalam - Kumbalam	20.0	17.2	18.4



Toll Plaza Analysis: Tuticorin Port

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

Route	Distance (Km)	Speed (km/hrs)	
Towards Trichy		**JAS'24**	**AMJ'24**
Pudurpandiyapuram - Eliyarpathi	113.0	19.9	20.9
Eliyarpathi - Kodai	60.8	-	-



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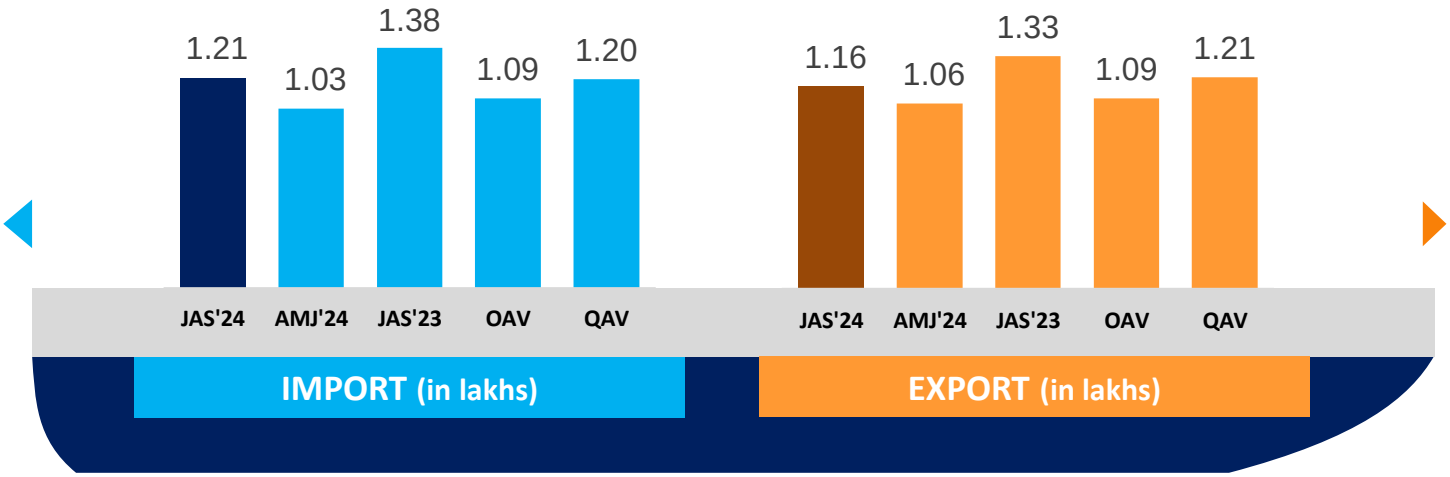
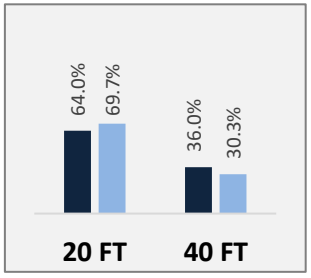
04
EASTERN REGION PERFORMANCE

Container Count: Eastern Region

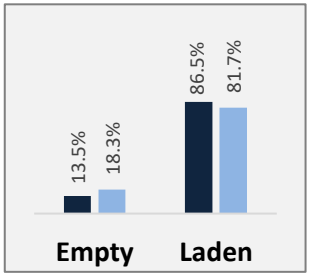
Eastern Region



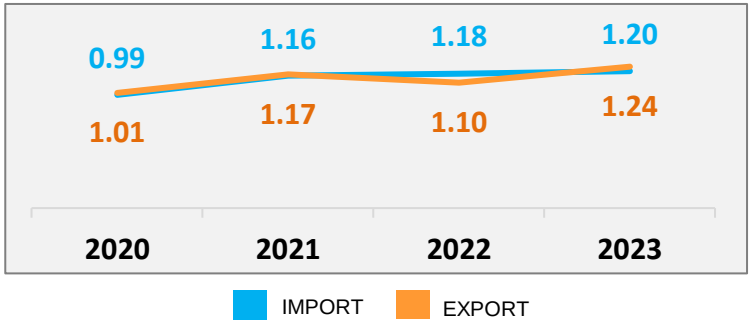
Container Size-wise (Import)



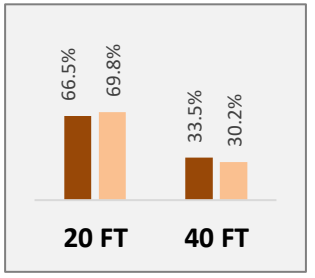
Container Type-wise (Import)



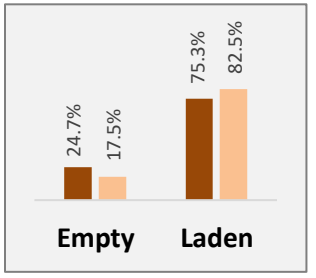
Container Count - Annual Average (in lakhs/ quarter)



Container Size-wise (Export)



Container Type-wise (Export)



OAV – Overall Avg Volume
QAV – Quarterly Avg Volume

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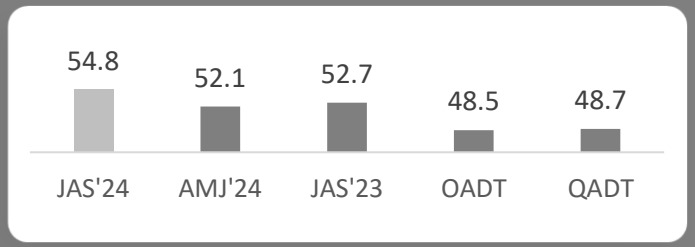
Dwell Time Performance: Eastern Region Import and Export Cycle

Eastern Region

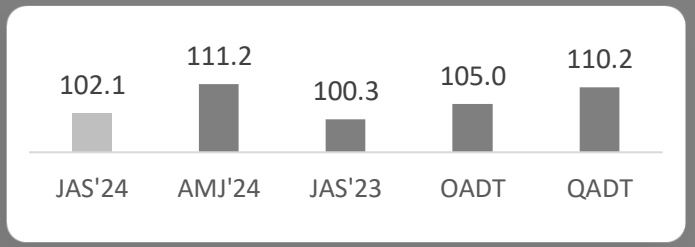
IMPORT



PAN India Import Dwell Time (JAS'24)

37.9 Hrs.

EXPORT

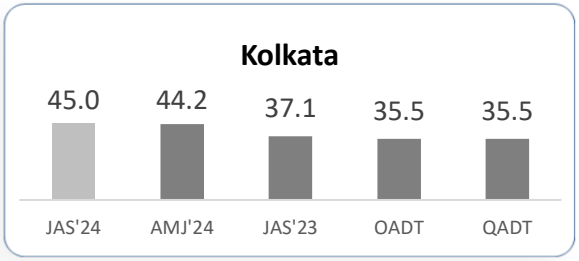


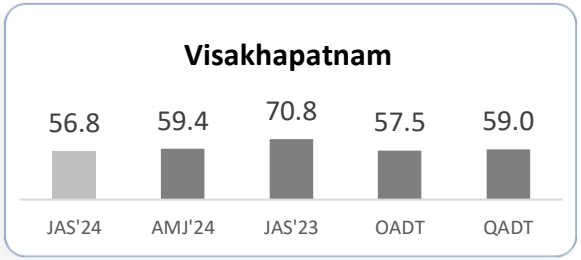
PAN India Export Dwell Time (JAS'24)

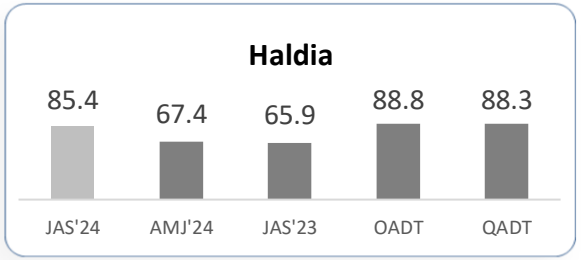
92.5 Hrs.

IMPORT

Ports

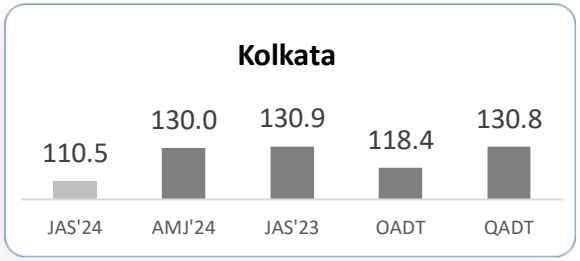


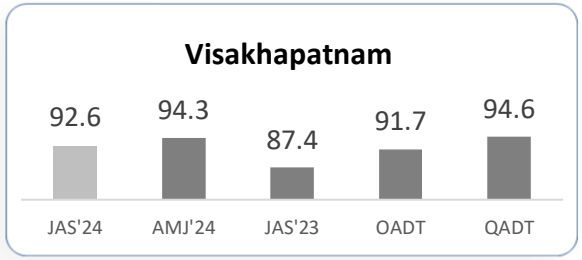


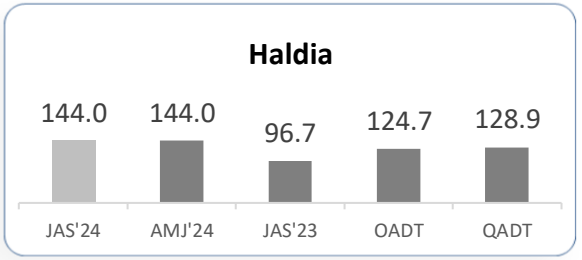


EXPORT

Ports







OADT – Overall Avg Dwell Time
QADT – Quarterly Avg Dwell Time

Note:
All values are in hours

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Container Turnaround Analysis: Eastern Region

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

Port In (Import Cycle)	Port Out (Export Cycle)	No. of Boxes Handled (in Percentage)			Turnaround Time (in Days)		
		JAS'24	AMJ'24	JAS'23	JAS'24	AMJ'24	JAS'23
Visakhapatnam	Visakhapatnam	95%	95%	98%	29.8	27.7	32.8
	Other Ports	5%	5%	2%	60.0	61.3	61.7
Kolkata	Kolkata	92%	93%	-	34.0	34.6	-
	Haldia	6%	6%	-	40.7	42.0	-
	Other Ports	2%	1%	-	54.9	61.9	-
Haldia	Haldia	72%	72%	99%	33.0	35.0	40.0
	Kolkata	27%	27%	-	47.2	41.0	-
	Other Ports	1%	1%	1%	51.4	65.9	26.8

Eastern Region Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)
Truck	49.3	↑	48.0
Train	181.2	↑	143.4
Overall	54.8	↑	52.1

CFS/ ICD Dwell Time

	JAS'24 (in hrs)		AMJ'24 (in hrs)
CFS	154.6	↑	151.6
ICD	122.2	↓	129.9

Container Lifecycle (Export Cycle)

Port Dwell Time

EXPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)
Truck	101.9	↓	110.2
Train	105.1	↓	120.0
Overall	102.1	↓	111.2

CFS/ ICD Dwell Time

	JAS'24 (in hrs)		AMJ'24 (in hrs)
CFS	95.2	↓	106.9
ICD	-		-

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

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Port Performance Benchmarking: Eastern Region

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

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

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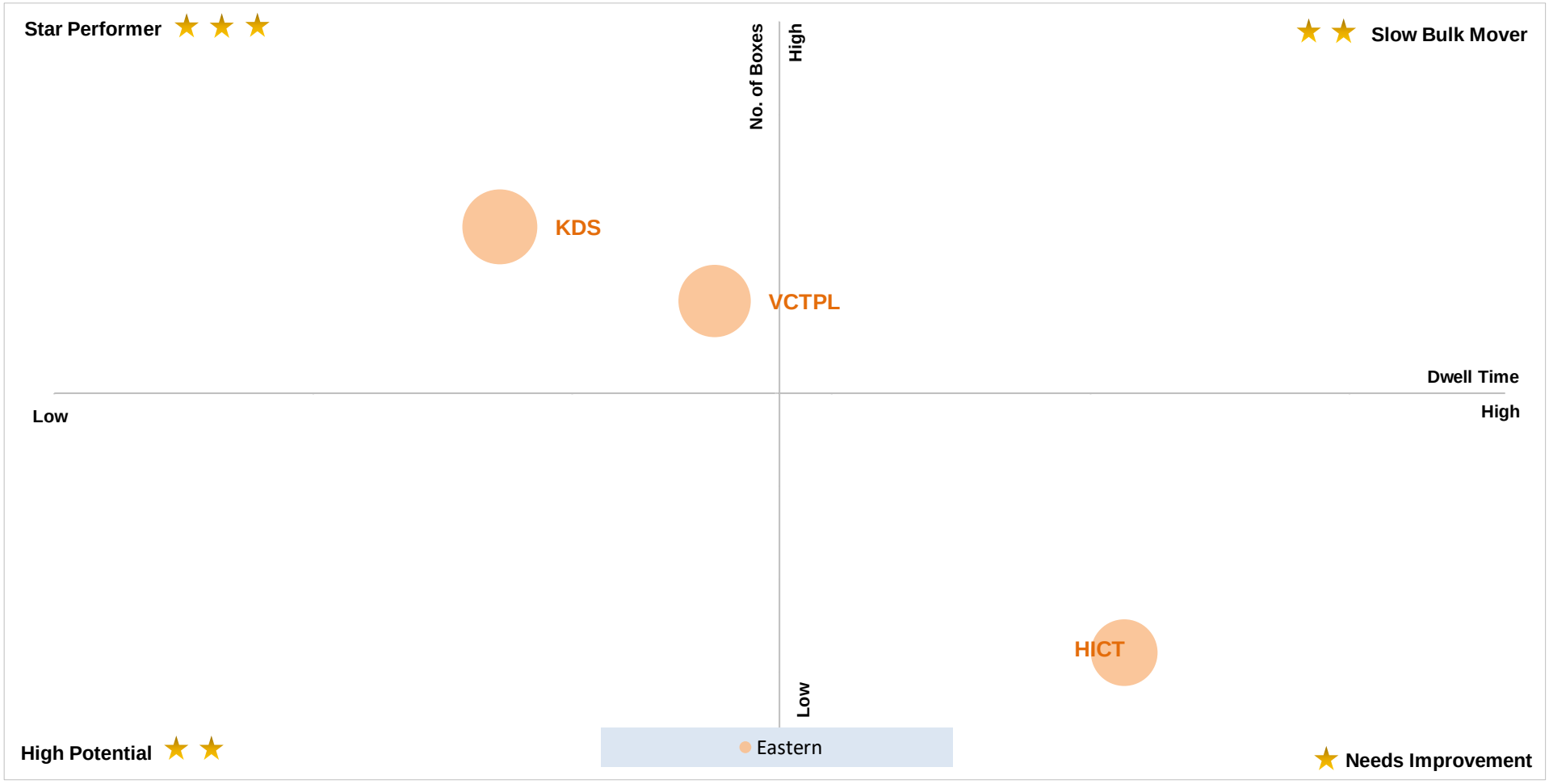
Performance Benchmarking: Eastern Region

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



X-Axis: Dwell Time

Bubble size represents the terminal capacity

Y-Axis: No. of Boxes

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

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

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

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

Note: Terminal abbreviation details are mentioned in annexure

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Port Performance Benchmarking (Previous year same quarter): Eastern Region

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

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

X-Axis: Change in dwell time

Y-Axis: Change in no. of boxes

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

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

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

X-Axis: Dwell Time

Y-Axis: TEU Capacity

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CFS Performance Benchmarking: Eastern Region

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

Top Performing CFS

Century Plyboards CFS, Sonai

High Potential CFS

Century Plyboards CFS, Sonai

Low Performing CFS

Apeejay Infralogistics CFS

X-Axis: Dwell Time

Y-Axis: No. of Boxes

Note:
Please refer annexure for CFS names

Visakhapatnam Port Performance

Container Lifecycle (Import Cycle)

IMPORT

	Port Dwell Time			Transit Time			CFS Dwell Time		
	JAS'24 (in hrs)		AMJ'24 (in hrs)	JAS'24 (in hrs)		AMJ'24 (in hrs)	JAS'24 (in hrs)		AMJ'24 (in hrs)
	Overall	56.8	59.4	Port to CFS	2.5	2.3	CFS	183.9	179.4

EXPORT

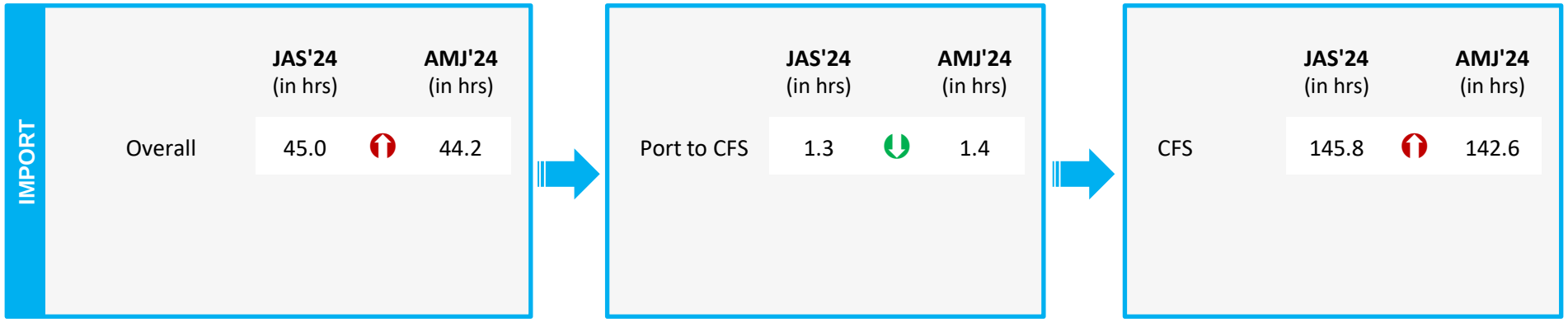
	Port Dwell Time			Transit Time			CFS Dwell Time		
	JAS'24 (in hrs)		AMJ'24 (in hrs)	JAS'24 (in hrs)		AMJ'24 (in hrs)	JAS'24 (in hrs)		AMJ'24 (in hrs)
	Overall	92.6	94.3	CFS to Port	-	2.5	CFS	81.7	92.6

Container Lifecycle (Export Cycle)

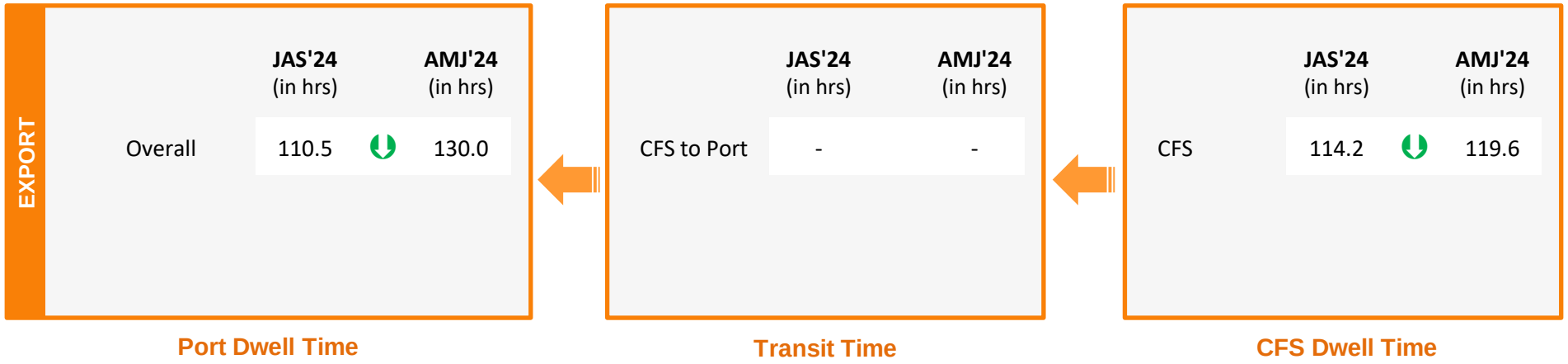
Indicates decrease/ increase in time from last quarter

Kolkata Port Performance

Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)



Indicates decrease/ increase in time from last quarter

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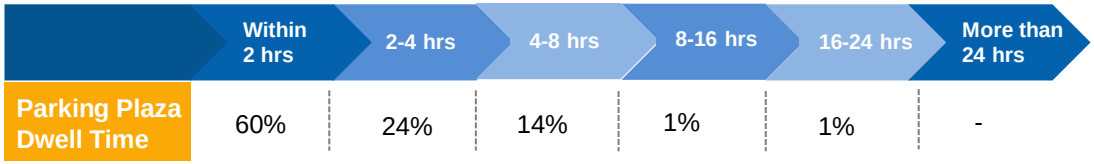
Parking Plaza Analysis: Kolkata Port

The analysis showcases waiting time of containers at parking plaza

Parking Plaza Dwell Time (Gate In – Gate Out)	JAS'24 (in hrs)	AMJ'24 (in hrs)
Phonex M, Q Parking Yard Kolkata	1.6	1.7

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



Haldia Port Performance

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	JAS'24 (in hrs)		AMJ'24 (in hrs)
Overall	85.4	↑	67.4

Transit Time

	JAS'24 (in hrs)		AMJ'24 (in hrs)
Port to CFS	10.3	↑	8.5

CFS Dwell Time

	JAS'24 (in hrs)		AMJ'24 (in hrs)
CFS	151.5	↑	144.6

Container Lifecycle (Export Cycle)

Port Dwell Time

EXPORT

	JAS'24 (in hrs)	AMJ'24 (in hrs)
Overall	144.0	144.0

Transit Time

	JAS'24 (in hrs)	AMJ'24 (in hrs)
CFS to Port	-	-

CFS Dwell Time

	JAS'24 (in hrs)	AMJ'24 (in hrs)
CFS	-	-.

↓ ↑ Indicates decrease/ increase in time from last quarter

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Port to Toll Plaza Analysis: Eastern Region

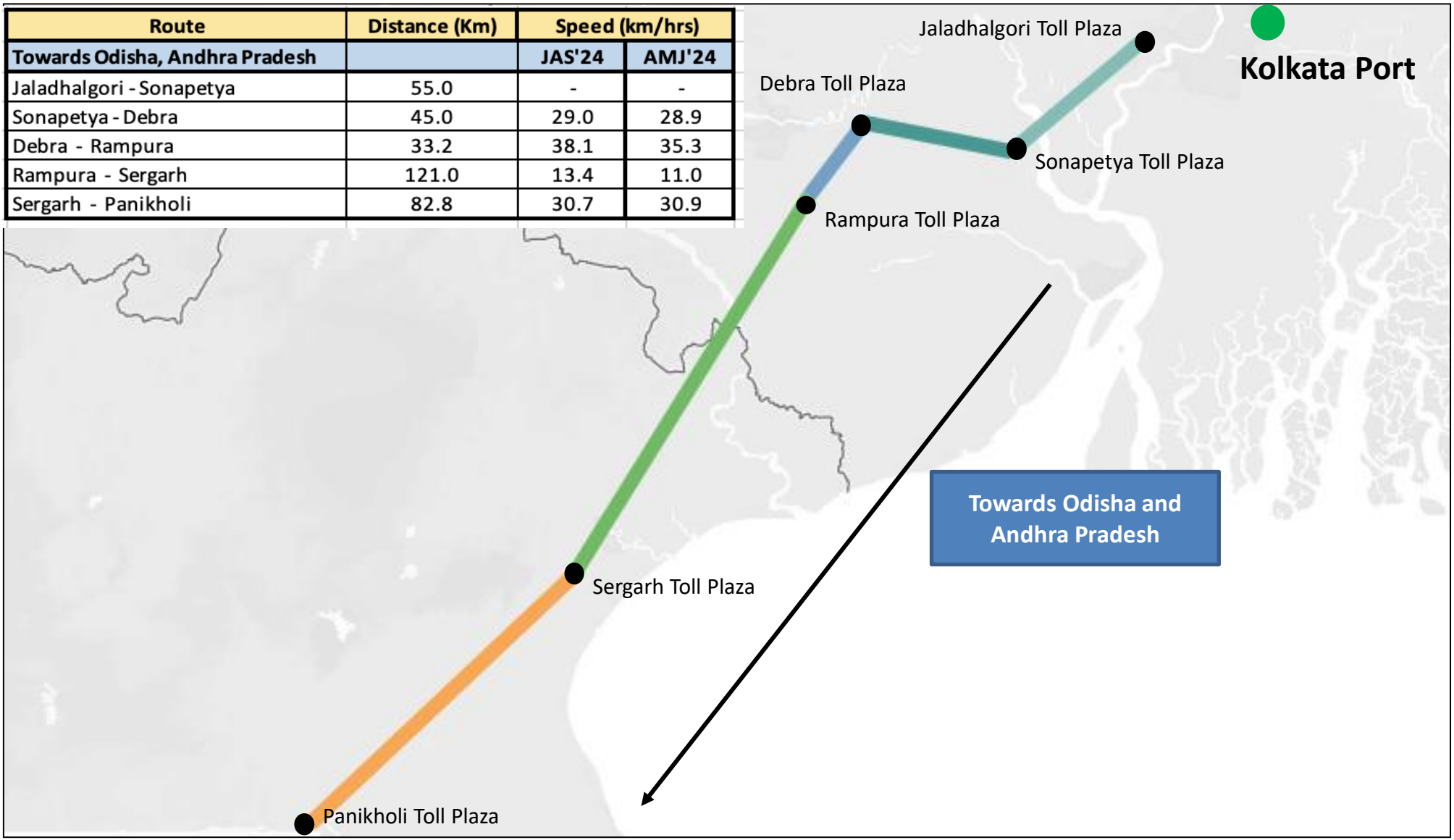
Below table depicts the average speed of a truck to cover the distance between the port and nearest toll plaza:

Region	Port	Adjacent Toll plaza	Distance (in KM)	Average Speed (in Km/hrs)	
				JAS'24	AMJ'24
Eastern	Kolkata	Rampura	134	14.4	12.8
		Dankuni	28	7.7	7.0
	Haldia	Sonapetya	44	8.9	9.3
	Visakhapatnam	Nathavalasa	59	10.3	12.3
		Sheelanagar	23	21.6	25.6

Toll Plaza Analysis: Kolkata Port

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

Route	Distance (Km)	Speed (km/hrs)	
Towards Odisha, Andhra Pradesh		**JAS'24**	**AMJ'24**
Jaladhalgori - Sonapetya	55.0	-	-
Sonapetya - Debra	45.0	29.0	28.9
Debra - Rampura	33.2	38.1	35.3
Rampura - Sergarh	121.0	13.4	11.0
Sergarh - Panikholi	82.8	30.7	30.9



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05
CONGESTION & TRANSIT ANALYSIS

Congestion Analysis & Methodology

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

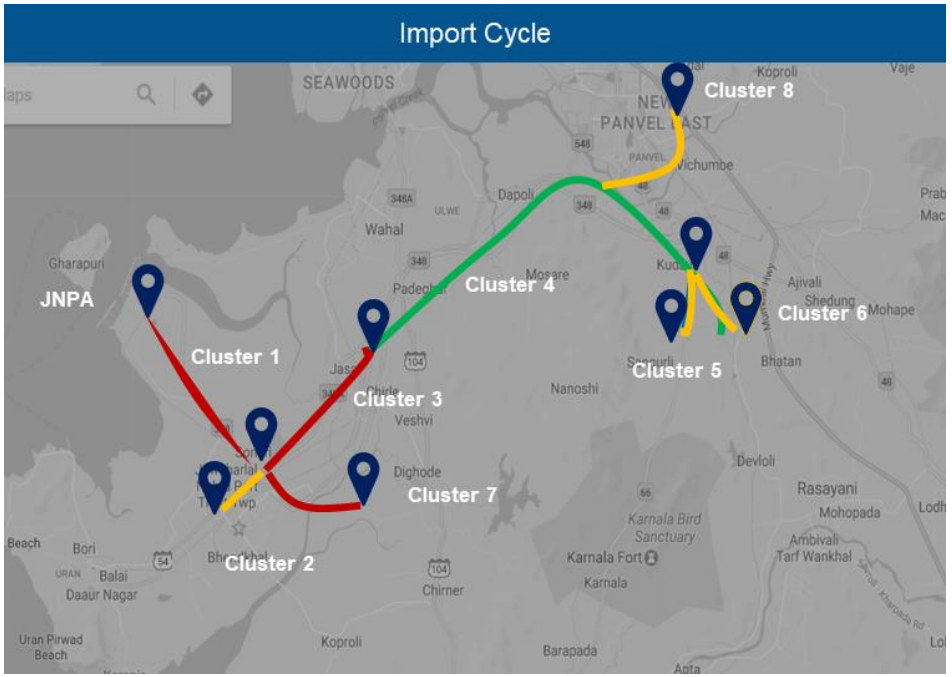
Methodology

Step 1 CFSs are divided into clusters based on their vicinity

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

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

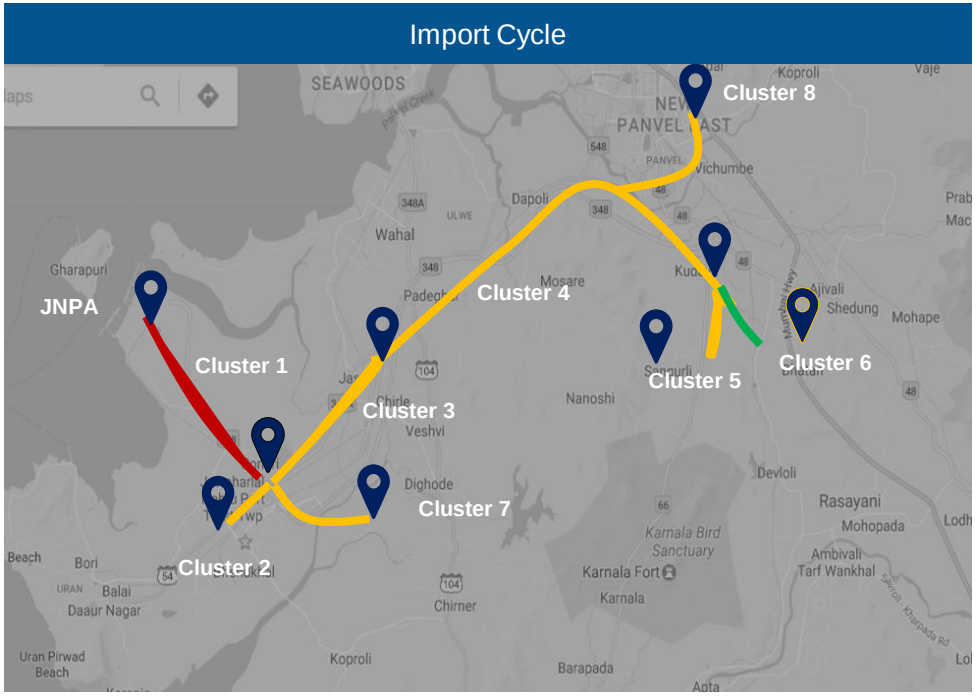
1. Cluster based transit time is compared with threshold
2. Threshold is 3X of time showcased on Google Maps between the Origin-Destination (OD) pair
3. Intensity of congestion is classified as below:
   - High congestion: >2 times the threshold
   - Medium congestion: >1.5 to <=2 times the threshold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



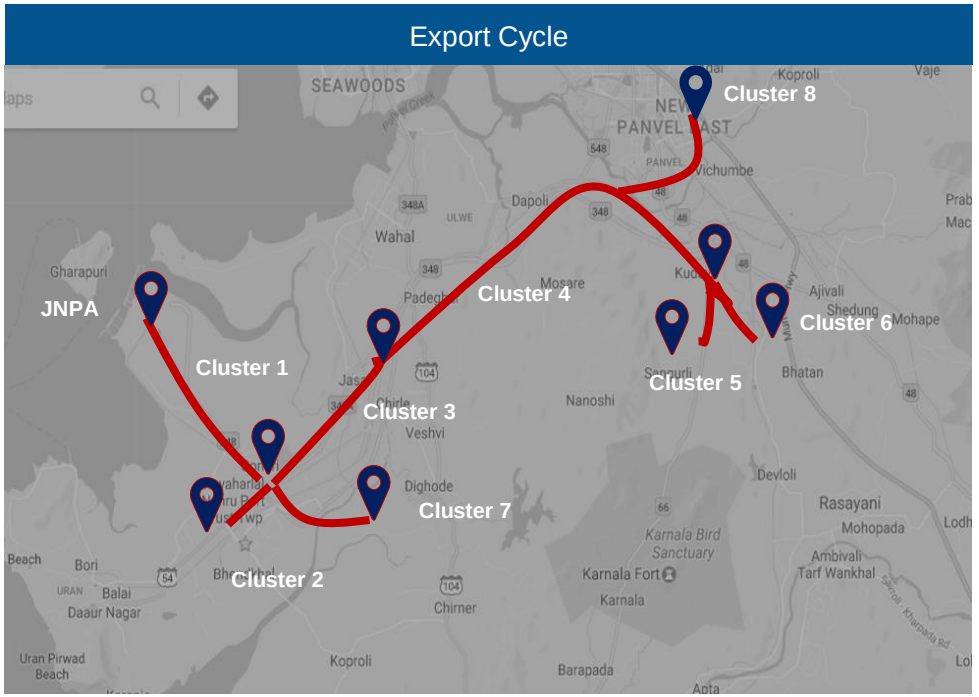
Congestion Level — High — Medium — Low

Congestion Analysis: JNPA Region

Import Cycle



Export Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	JNPA Area	1	8.69%	High
Cluster 2	Bhendkhal Area, Khopate Road	6	23.09%	Medium
Cluster 3	Sonari Area,JNPA Road	2	13.00%	Medium
Cluster 4	Chirle Area, JNPA Road	1	0.34%	Medium
Cluster 5	Plaspa Area, Coach Kanyakumari Highway	2	13.57%	Medium
Cluster 6	Salva Apta Road Area, Bangalore Highway	5	23.49%	Low
Cluster 7	Patilpada Area, Khopate JNPA Road	3	17.28%	Medium
Cluster 8	Taloja, Navi Mumbai	1	0.54%	Medium

Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	JNPA Area	1	11.00%	High
Cluster 2	Bhendkhal Area, Khopate Road	6	20.12%	High
Cluster 3	Sonari Area,JNPA Road	2	14.60%	High
Cluster 4	Chirle Area, JNPA Road	1	4.15%	High
Cluster 5	Plaspa Area, Coach Kanyakumari Highway	2	13.03%	High
Cluster 6	Salva Apta Road Area, Bangalore Highway	5	23.32%	High
Cluster 7	Patilpada Area, Khopate JNPA Road	3	13.25%	High
Cluster 8	Taloja, Navi Mumbai	1	0.53%	High

Congestion Level — High — Medium — Low

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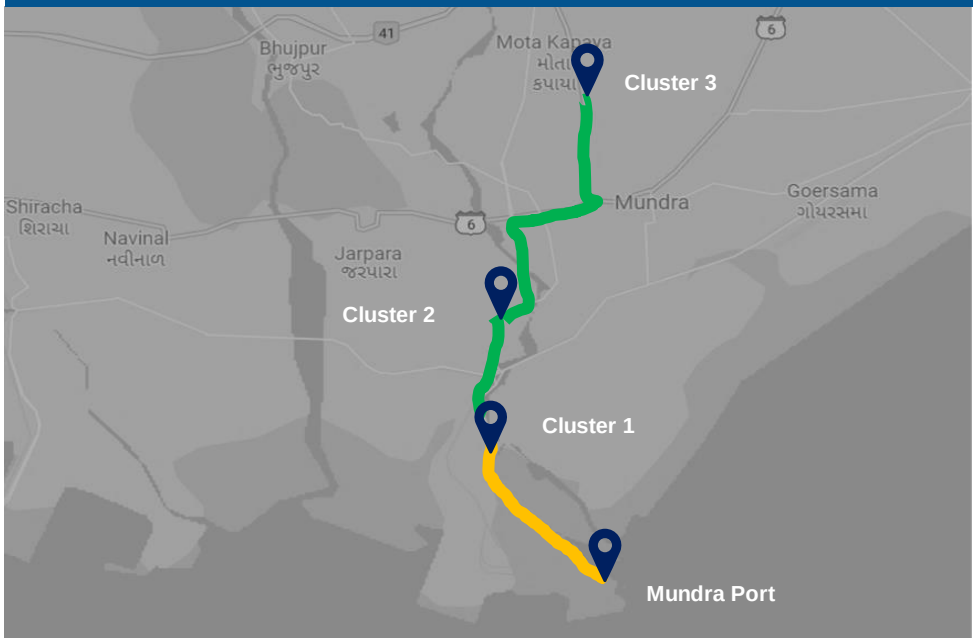
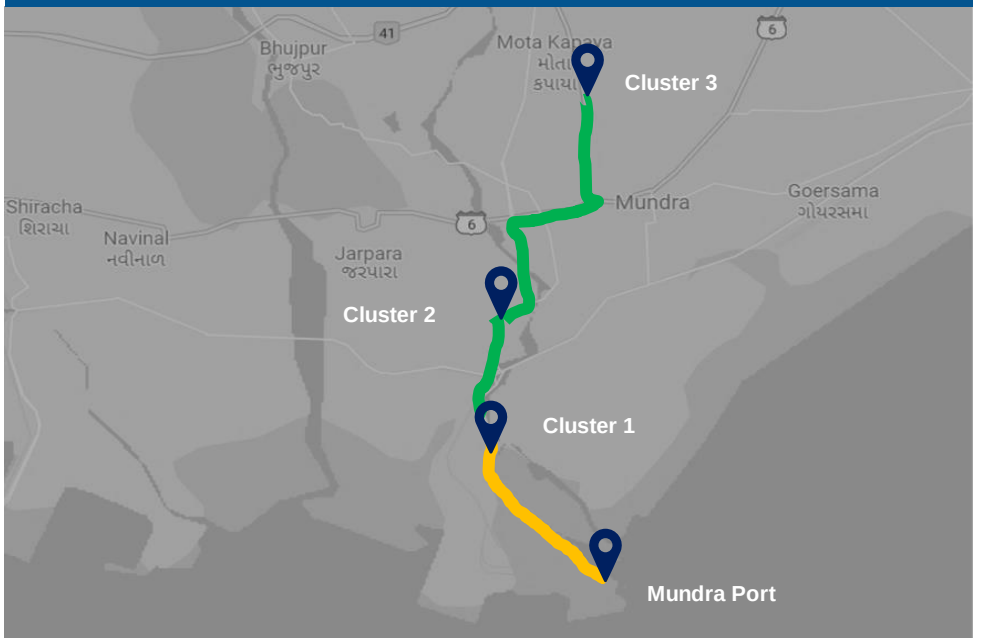
Congestion Analysis: Mundra Region

Import Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	APSEZ Area	12	84.33%	Medium
Cluster 2	Hind Circle	2	13.12%	Low
Cluster 3	Mota Kapaya	1	2.55%	Low

Export Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	APSEZ Area	12	98.35%	Medium
Cluster 2	Hind Circle	2	1.15%	Low
Cluster 3	Mota Kapaya	1	0.50%	Low

Congestion Level — High — Medium — Low

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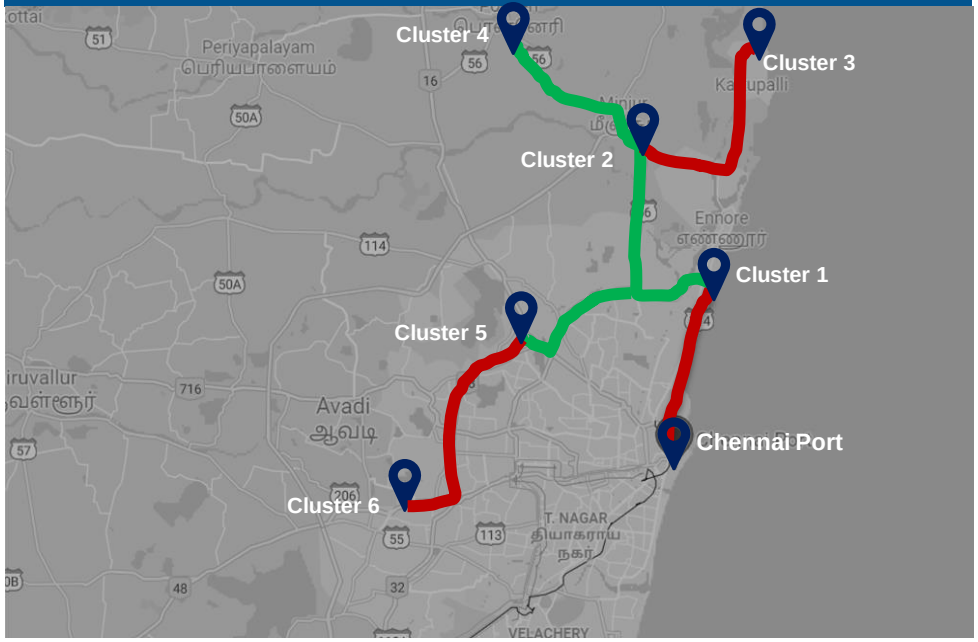
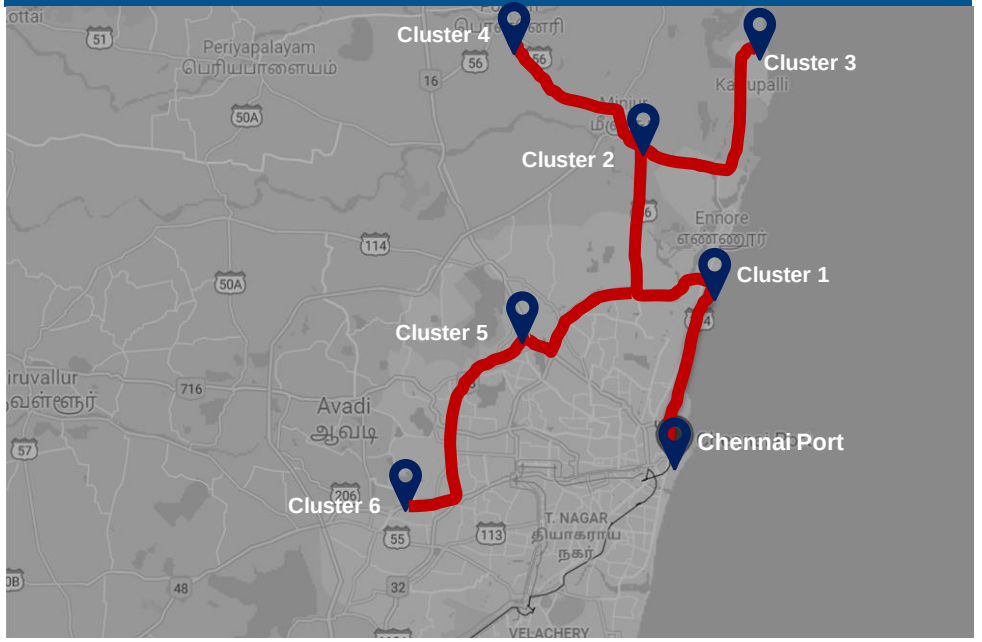
Congestion Analysis: Chennai Region

Import Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Thiruvottiyur High Road Junction	3	20.08%	High
Cluster 2	Aandarkuppam - Melur Junction	14	64.44%	Low
Cluster 3	Kattupalli Port bound Area	2	0.06%	High
Cluster 4	Minjur - Ponneri bound Area	3	3.44%	Low
Cluster 5	Madhavaram - Moolakadai Junction	3	7.61%	Low
Cluster 6	Poonamallee - Sriperumbadur Junction	5	4.37%	High

Export Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Thiruvottiyur High Road Junction	3	25.00%	High
Cluster 2	Aandarkuppam - Melur Junction	14	54.63%	High
Cluster 3	Kattupalli Port bound Area	2	0.23%	High
Cluster 4	Minjur - Ponneri bound Area	3	12.27%	High
Cluster 5	Madhavaram - Moolakadai Junction	3	2.55%	High
Cluster 6	Poonamallee - Sriperumbadur Junction	5	5.32%	High

Congestion Level — High — Medium — Low

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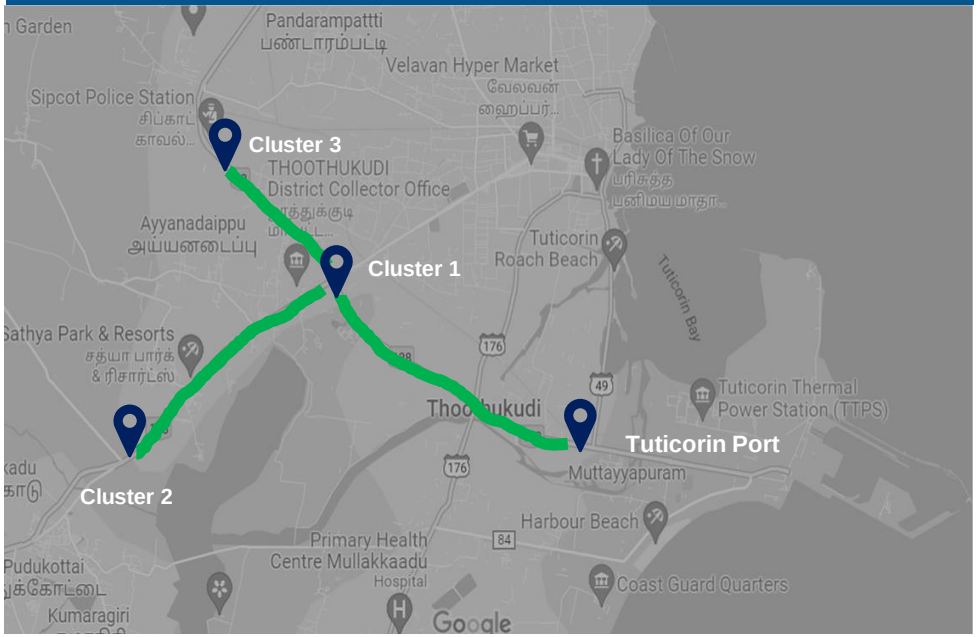
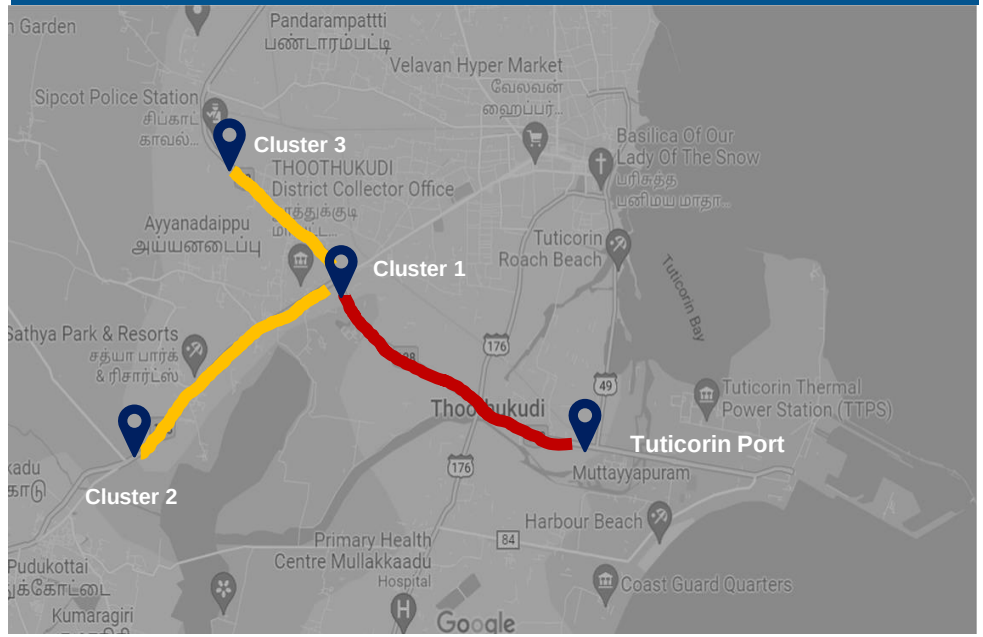
Congestion Analysis: Tuticorin Region

Import Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Periyanayagapuram, Thoothukudi, Madurai Road	4	25.85%	Low
Cluster 2	Tirunelveli Road near by Podukottai	2	16.04%	Low
Cluster 3	Sipcot Area near by Madurai Road	8	58.11%	Low

Export Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Periyanayagapuram, Thoothukudi, Madurai Road	4	18.46%	High
Cluster 2	Tirunelveli Road near by Podukottai	2	38.17%	Medium
Cluster 3	Sipcot Area near by Madurai Road	8	43.37%	Medium

Congestion Level — High — Medium — Low

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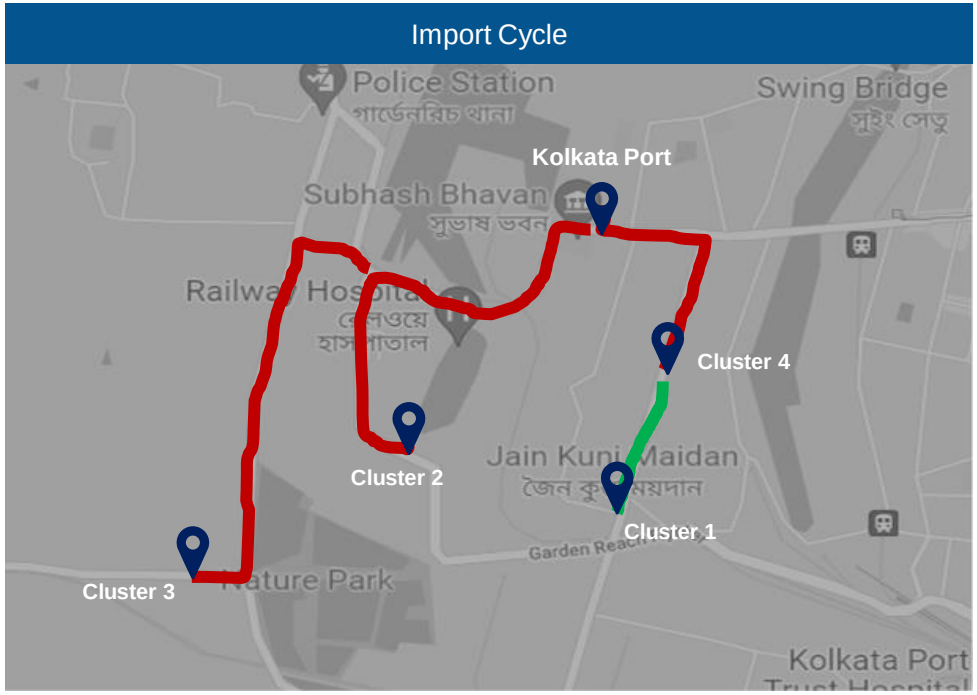
Congestion Analysis: Kolkata Region



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Base Bridge Area	3	48.40%	Low
Cluster 2	Sonapur Road Area	1	15.13%	High
Cluster 3	Nature Park Area	1	33.11%	High
Cluster 4	Babu Bazar Area	1	3.36%	High

Congestion Level — High — Medium — Low

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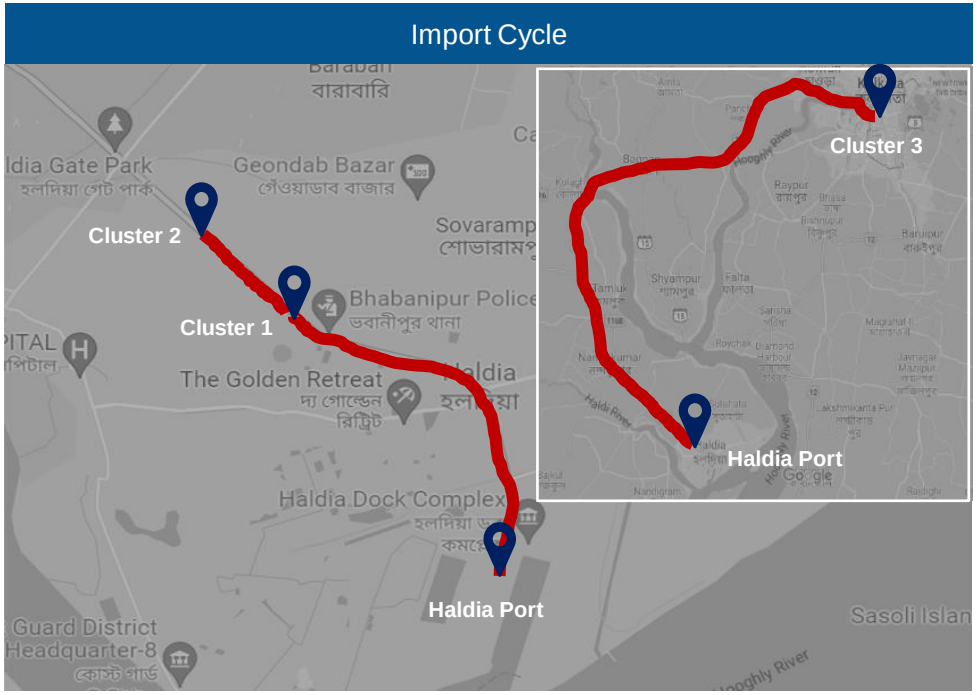
Congestion Analysis: Haldia Region



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Talpukur Area, Kolkata Highway	1	30.70%	High
Cluster 2	City Centre Area, Kolkata Highway	2	42.83%	High
Cluster 3	Silpodanga Area	1	26.47%	High

Congestion Level — High — Medium — Low

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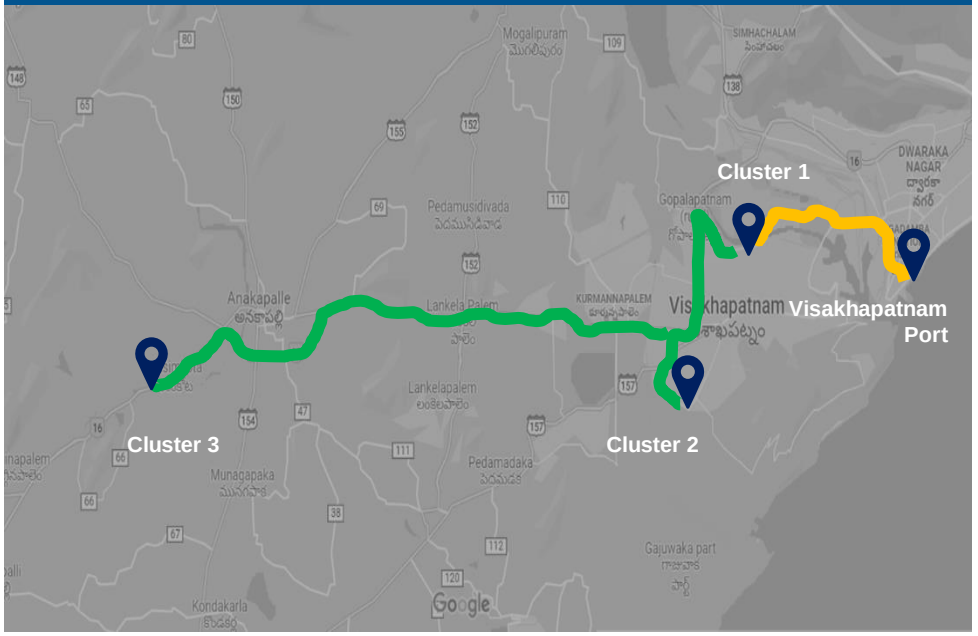
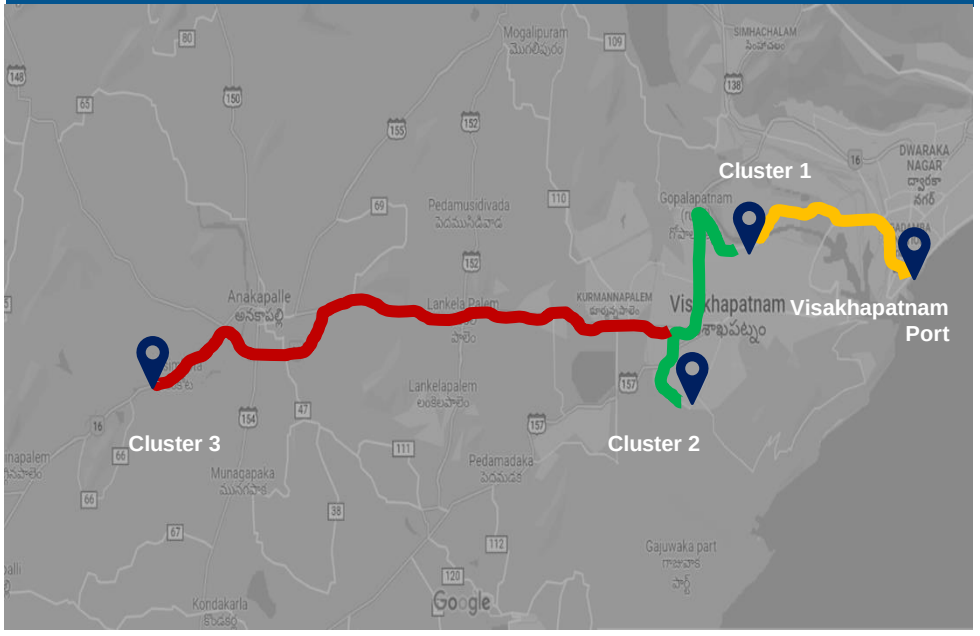
Congestion Analysis: Visakhapatnam Region

Import Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Port Road, Gopalapatnam Area	4	71.21%	Medium
Cluster 2	Autonagar, Gajuwaka Area	3	24.53%	Low
Cluster 3	Chennai – Kolkata Highway, Bayyavaram Area	1	4.26%	Low

Export Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Port Road, Gopalapatnam Area	4	87.19%	Medium
Cluster 2	Autonagar, Gajuwaka Area	3	10.94%	Low
Cluster 3	Chennai – Kolkata Highway, Bayyavaram Area	1	1.87%	High

Congestion Level — High — Medium — Low

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Transit Movement across ICPs

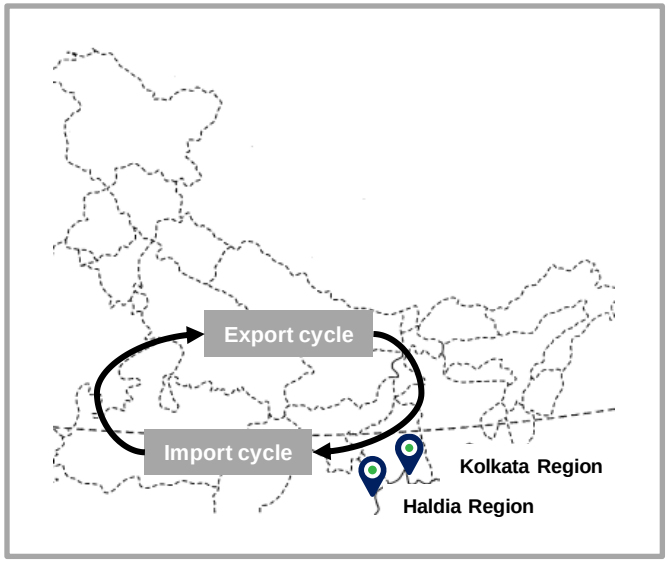
Transit movement across ICPs from Kolkata & Haldia Port Terminal:

Kolkata Port Terminal

Import Cycle	Mode	ICP Raxaul	ICP Jogbani
	Overall	106.4 hrs	106.1 hrs

Haldia Port Terminal

Import Cycle	Mode	ICP Raxaul	ICP Jogbani
	Overall	132.3 hrs	178.9 hrs



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ANNEXURE

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	29	APM Terminals Inland Services ICD Bhamboli
2	CONCOR ICD, Dadri	30	Pegasus Inland Container Depot
3	ICD KHODIYAR	31	MMLP TIHI
4	ICD SANATHNAGAR	32	CMA CGM Logistics Park, Dadri
5	ICD WHITEFIELD	33	Gateway Rail Freight ICD, Pyala
6	HTPL ICD Qilaraipur Ludhiana	34	MMLP VARNAMA
7	ICD DDL, LUDHIANA	35	ICD DAULATABAD
8	Adani ICD, Tumb	36	ICD Jajpur (Jindal Stainless Ltd.)
9	Hind Terminals Logistics Park ICD, Palwal	37	APM Terminals ICD, Dadri
10	CONCOR Kanakpura ICD, Jaipur	38	ICD KANPUR
11	Pristine ICD Chawapail , Ludhiana	39	MMLP PANTHNAGAR (SIDCUL-CONCOR)
12	Gateway Rail ICD, Sahnewal	40	The Thar Dry Port Jodhpur
13	ICD BGKT, JODHPUR	41	ICD KIFTPL Kashipur
14	The Thar Dry Port ICD Ahmedabad	42	MMLP BALLI
15	KLPL ICD, Kanpur	43	Adani Logistics Park ICD, Gurgaon
16	ICD ANKLESHWAR	44	ICD Pali (KIPL)
17	MMLP KHATUWAS	45	Gateway Rail Freight Limited ICD
18	MMLP VISHAKAPATNAM	46	ICD MAJHERHAT
19	Allcargo Logistics Park ICD, Dadri	47	ACTL ICD, Faridabad
20	ICD MANDIDEEP	48	ICD Sachana (CWC)
21	Vaishno Container Terminal-ICD Tarapur	49	CONCOR ICD, Aurangabad
22	Continental Warehousing Corporation Nhava Sheva pvt.	50	Apeejay Logistics Park ICD Jajpur
23	MMLP MIHAN	51	ICD MALANPUR
24	Albatross Inland Ports ICD, Dadri	52	PSCT HARBOUR OF MADRAS
25	CONTAINER CORPORATION OF INDIA LTD - TONDIARPET (ICDTVT-T)	53	ICD Vemgal (Sattva Logistics)
26	MMLP BARHI	54	CWC ICD, Patparganj
27	CFS VALLARPADAM	55	MMLP NAYA RAIPUR
28	Kribhco ICD, Meerut		

Annexure – CFS Names - Western Region

List of CFS names used in the Western CFS Performance Index					
Ref. No.	**Name**	**Ref. No.**	**Name**	**Ref. No**	**Name**
1	Adani CFS Eximyard, Mundra	23	International Cargo Terminals (ULA) CFS, Navi Mumbai	45	Speedy Multimode CFS, JNPT
2	AllCargo CFS, Mundra	24	JWC Logistics Park CFS	46	Take Care Logistics CFS
3	AllCargo Logistics	25	JWR CFS	47	TG Terminals CFS, Mundra
4	Ameya Logistics CFS, Navi Mumbai	26	Kerry Indev Logistics Pvt Ltd CFS	48	Transworld CFS, Mundra
5	APM (Maersk India) CFS, Navi Mumbai	27	Landmark CFS, Mundra	49	Vaishno Logistics CFS, Navi Mumbai
6	Apollo Logisolutions CFS, Panvel	28	LCL Logistics CFS, Pipavav		
7	Ashte Logistics CFS, Panvel	29	Maersk Annex (APM)CFS, Navi Mumbai		
8	Ashutosh CFS, Mundra	30	Maharashtra State Corp CFS		
9	Balmer & Lawrie CFS, Navi Mumbai	31	MICT CFS, Mundra		
10	Contrans Logistic CFS, Pipavav	32	Mundhra CFS, Mundra		
11	CWC CFS, Mundra	33	Navkar Corporation Yard 1 CFS, Panvel		
12	CWC Conex Terminal CFS	34	Navkar Corporation Yard 2 CFS, Panvel		
13	CWC Impex Park CFS, Navi Mumbai	35	Navkar Corporation Yard 3 CFS, Panvel		
14	CWC Polaris logistics park	36	Ocean Gate CFS, Panvel		
15	EFC Logistics India	37	Punjab Conware CFS, Navi Mumbai		
16	Empezar Logistics CFS	38	Rishi CFS, Mundra		
17	Gateway Distriparks CFS, Navi Mumbai	39	Sarveshwar CFS		
18	HAZIRA CFS	40	Saurashtra CFS, Mundra		
19	Hind Terminal CFS, Hazira	41	SBW Logistics CFS, Navi Mumbai		
20	Hind Terminals Pvt. Ltd. CFS, Mundra	42	Seabird CFS, Hazira		
21	Honey Comb CFS, Mundra	43	Seabird CFS, Mundra		
22	International Cargo Terminal CFS	44	Seabird CFS, Navi Mumbai		

Annexure – CFS Names - Southern Region

List of CFS names used in Southern CFS Performance Index					
Ref. No.	**Name**	**Ref. No.**	**Name**	**Ref. No.**	**Name**
1	A S Shipping Agencies CFS, Tiruvallur	17	Diamond CFS Park	33	Raja Agencies CFS
2	A.S.Shipping Agencies Pvt Ltd	18	Ennore Cargo Container Terminal CFS, Chennai	34	Sanco Trans CFS, Chennai
3	Adani CFS, Kattupalli Tiruvallur Tamil Nadu	19	Gateway Distriparks CFS, Chennai	35	Sattva Cfs And Logistics CFS, Chennai
4	Allcargo Global Logistics CFS, Chennai	20	GDKL CFS	36	Sattva Hi-Tech And Conware CFS, Chennai
5	ALS Tuticorin Terminal Private Limited	21	Glovis India CFS, Kanchipuram	37	SEC Container Freight Station
6	Apm Terminals India CFS, Tiruvallur	22	Hari CFS	38	Sical CFS, Chennai Tiruvallur Tamil Nadu
7	Balmer Lawrie CFS, Chennai	23	Hind Terminals CFS, Chennai	39	Sical Multimodal and Rail Transport Ltd. - CFS Division
8	Balmer Lawrie, Visakhapatnam	24	ICBC CFS Chennai	40	St. John Freight Systems Ltd. - ICD Division
9	Calyx Container Terminal CFS, Chennai	25	Kailash Shipping Services CFS, Chennai	41	STP Services CFS, Chennai
10	Chandra CFS, Tiruvallur	26	Kences CFS Chennai	42	Sudharsan Logistics CFS, Chennai
11	Chola Logistics Pvt Ltd	27	Kerry Indev Logistics ICD, Kanchipuram	43	Sun Global Logistics CFS, Kanchipuram
12	Cochin Port Trust CFS	28	Kerry Indev Logistics Private Limited / Continental Container Freight Station	44	Supply Chain Logistics Pvt LTD CFS,Chennai
13	Concor CFS, Tuticorin	29	KSPS Natarajan CFS Park	45	Thiru Rani Logistics CFS, Tiruvallur
14	Continental Warehousing Corporation CFS (Nhava Seva), Chennai	30	MIV CFS	46	Triway CFS, Chennai
15	Continental Warehousing Corporation CFS (Nhava Seva), Tiruvallur	31	O Yard CFS Chennai	47	Viking Warehousing CFS, Chennai
16	Continental Warehousing Corporation Nhava Sheva Ltd.	32	Prompt Terminals (P) Ltd	48	Vilsons CFS
				49	Apollo World Connect CFS, Chennai

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Annexure – CFS Names - Eastern Region

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

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