

Logistics Data Bank



Annual
report
2024



NATIONAL LOGISTICS POLICY

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

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LDB AT A GLANCE – CY'24

KPIs		PAN INDIA	WESTERN REGION	EASTERN REGION	SOUTHERN REGION
VOLUME (IN TEUs)	Import	80.95 lakhs	57.16 lakhs	5.79 lakhs	18.00 lakhs
	Export	79.28 lakhs	55.79 lakhs	5.87 lakhs	17.62 lakhs
DWELL TIME	Import	31.4 hrs	25.2 hrs	51.7 hrs	46.4 hrs
	Export	92.3 hrs	91.9 hrs	108.7 hrs	89.3 hrs
TOP PERFORMER	TERMINAL	Gateway Terminals India (GTI), JNPA Port	Gateway Terminals India (GTI), JNPA Port	Kolkata Dock System (KDS), Kolkata Port	Dakshin Bharat Gateway Terminal (DBGT), Tuticorin Port
	CFS	Sical CFS, Chennai Tiruvallur, Tamil Nadu	Adani CFS Eximyard, Mundra	Century Plybaords CFS, Sonai	Sical CFS, Chennai Tiruvallur, Tamil Nadu

79 MILLION⁺ Containers Handled

184

Toll Plaza Coverage

558+

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

800+

Operators Deployed at Ports

100%

EXIM Container Terminals Covered

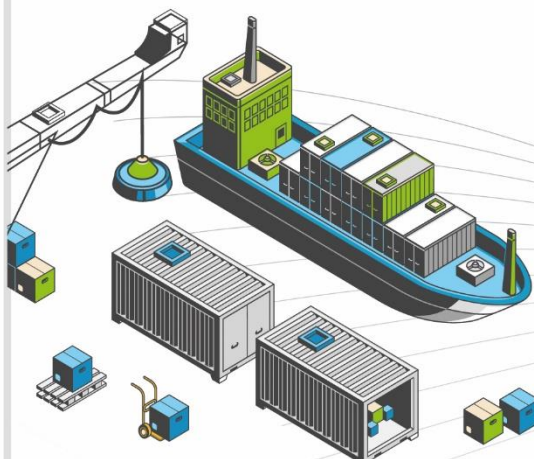
4300+

RFID Readers Deployed PAN India

EDI

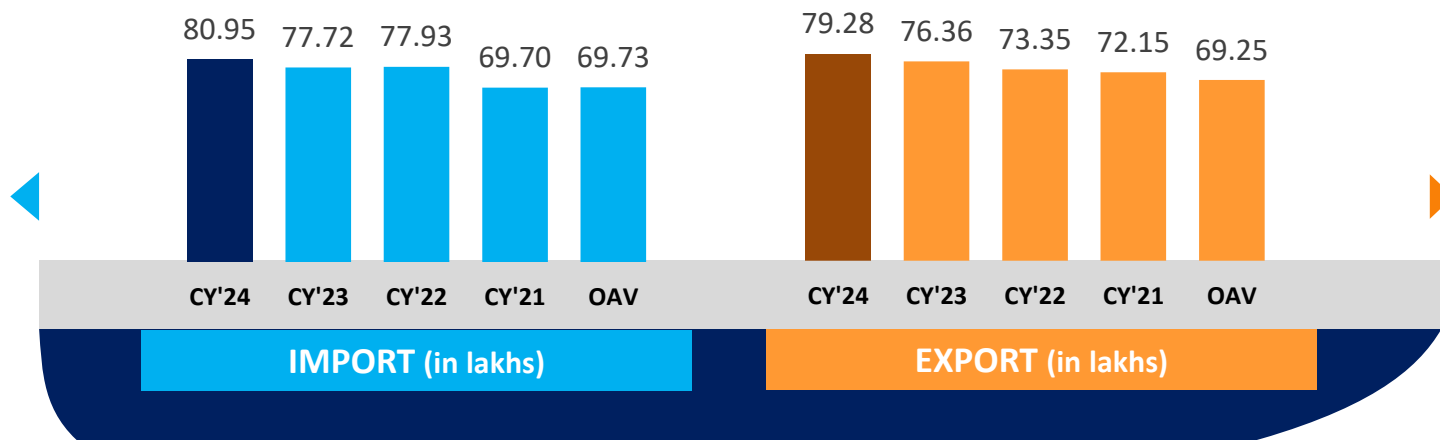
with FOIS and 28 Port Terminals

PAN INDIA PERFORMANCE

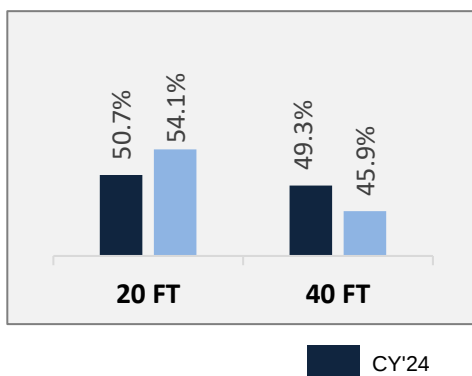


Container Volume (TEUs): PAN India

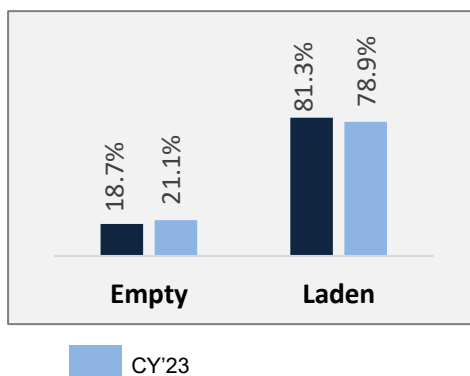
PAN India



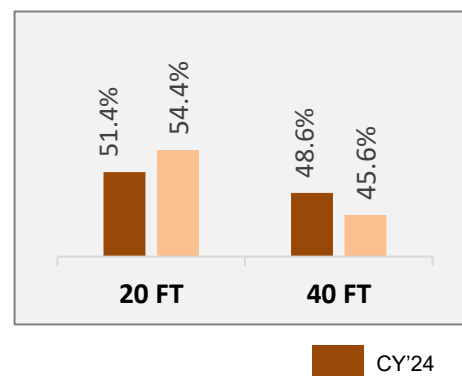
Container Size-wise (Import)



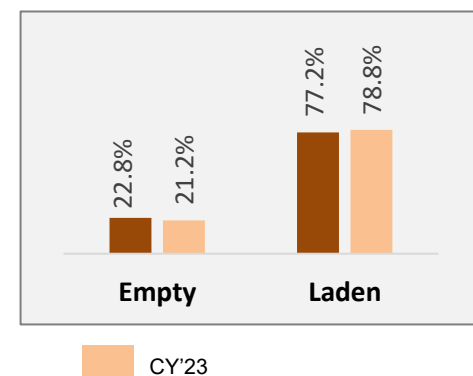
Container Type-wise (Import)



Container Size-wise (Export)



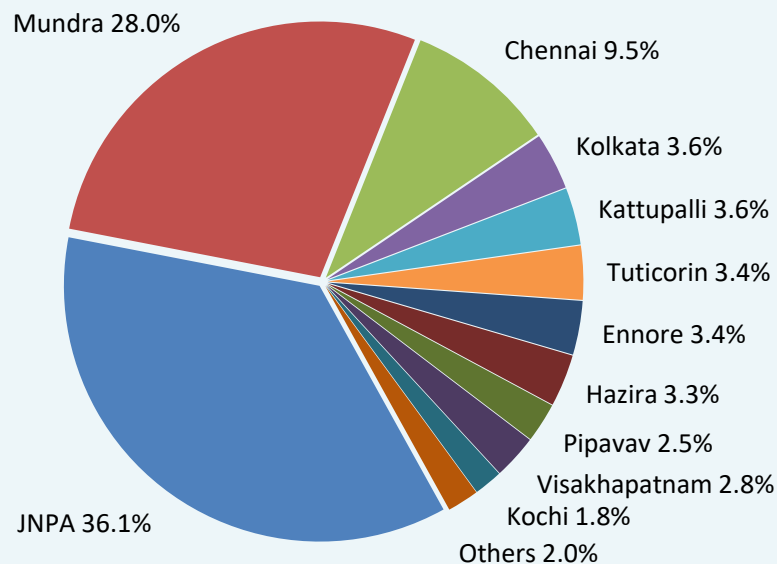
Container Type-wise (Export)



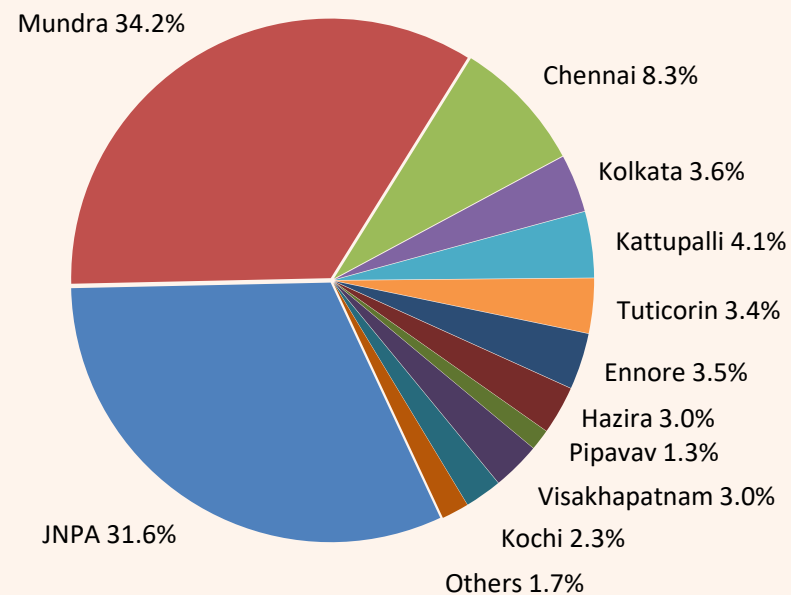
OAV – Overall Avg Volume

Distribution of EXIM container volume (TEUs) for CY 2024 across all ports:

Import Volume Distribution (50.5%)
(Container Volume (TEUs) in % for CY'24)



Export Volume Distribution (49.5%)
(Container Volume (TEUs) in % for CY'24)



In the previous year, TEU distribution in import and export cycle was 50.4% and 49.6% respectively.

Others include Kandla, Haldia, Paradip and New Mangalore

Key Observations

In comparison with CY 2023:

Pan India

- Container volume (TEUs) has **increased by 4.2%** in import cycle. This increase is largely due to the **5% & 6% increase** in import container volume of western region & southern region ports respectively.
- Top performing terminal for this year is Gateway Terminals India (GTI) (JNPA port).

Western Region

- Container volume (TEUs) has **increased by 5%** in both import cycle & export cycle.
- Mundra port dwell time **performance has improved by 20%** in the import cycle.
- Hazira port dwell time **performance has improved by 43%** in the import cycle and **reduced by 11%** in the export cycle.
- Top performing terminal of the region is Gateway Terminals India (GTI) (JNPA Port) and top performing CFS of the region is Adani CFS Eximyard, Mundra.

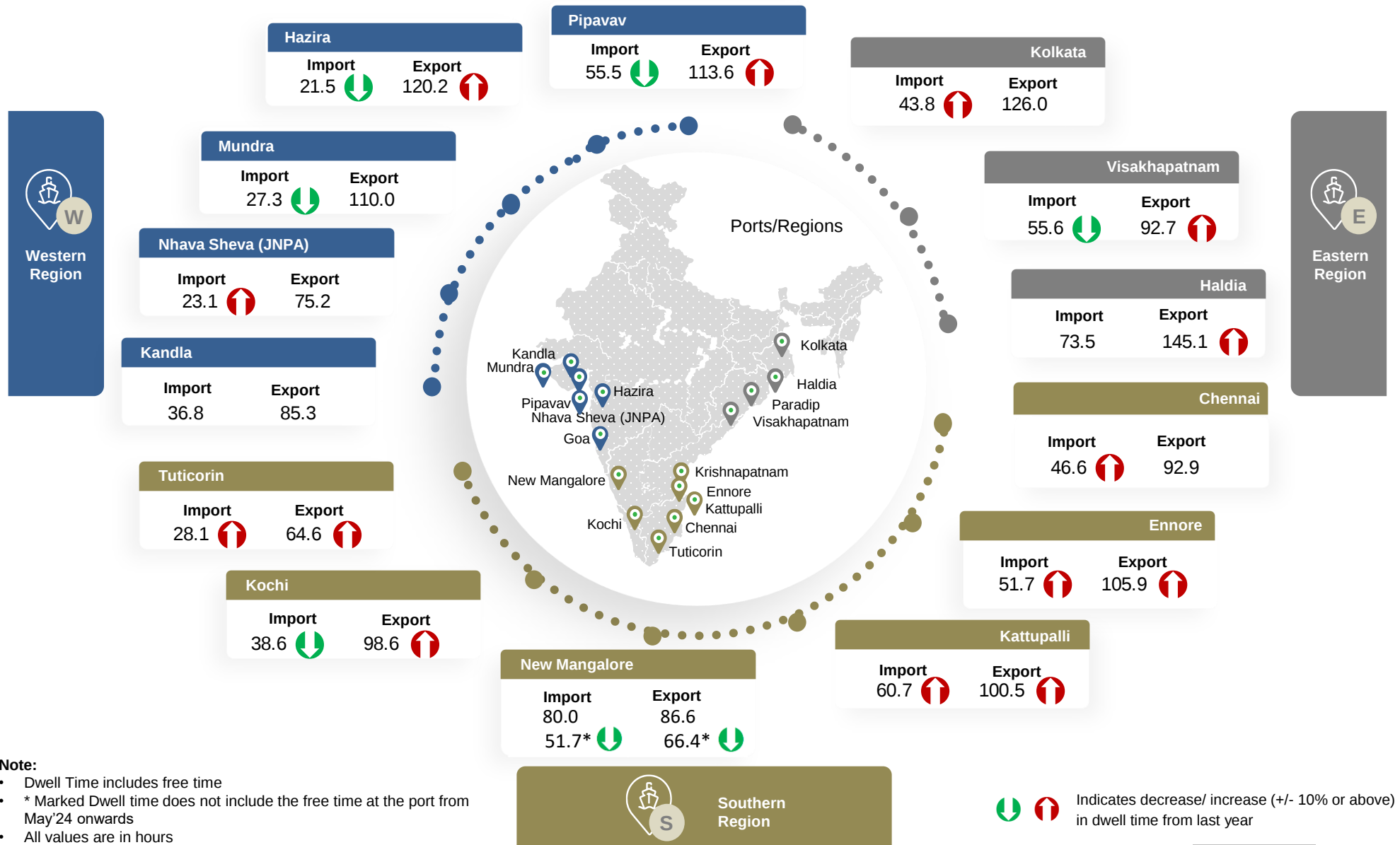
Southern Region

- Container volume (TEUs) has **increased by 6%** in both import cycle & export cycle.
- Tuticorin port dwell time **performance has reduced by 34% and 20%** in import cycle and export cycle respectively.
- Kattupalli port dwell time **performance has reduced by 23% and 18%** in import cycle and export cycle respectively.
- Top performing terminal of the region is Dakshin Bharat Gateway Terminal (DBGT) (Tuticorin Port) and top performing CFS of the region is Sical CFS, Chennai Tiruvallur Tamil Nadu.

Eastern Region

- Container volume (TEUs) has **decreased by 6% and 8%** in import cycle and export cycle respectively.
- Kolkata port dwell time **performance has reduced by 24%** in import cycle.
- Top performing terminal of the region is Kolkata Dock System (KDS) (Kolkata Port) and top performing CFS of the region is Century Plyboards CFS, Sonai.

Dwell Time Performance (CY 2024): PAN India



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

Western Region

Duration	Import Dwell Time (in hrs)	Export Dwell Time (in hrs)
CY'24	25.2 	91.9 
CY'23	26.3	85.1
CY'22	25.0	90.8
CY'21	23.6	97.0
OADT	25.6	91.6

Southern Region

Duration	Import Dwell Time (in hrs)	Export Dwell Time (in hrs)
CY'24	46.4 	89.3 
CY'23	40.8	79.4
CY'22	38.5	61.4
CY'21	86.7	82.5
OADT	42.9	86.8

Eastern Region

Duration	Import Dwell Time (in hrs)	Export Dwell Time (in hrs)
CY'24	51.7 	108.7 
CY'23	48.7	96.7
CY'22	47.3	101.3
CY'21	47.5	117.8
OADT	49.5	107.8

OADT – Overall Avg Dwell Time



Indicates decrease/ increase in dwell time from last year

Dwell Time Performance: Port Import Cycle

IMPORT

	CY'24 (in hrs)		CY'23 (in hrs)	CY'22 (in hrs)	CY'21 (in hrs)	OADT (in hrs)
Western Region	25.2		26.3	25.0	23.6	25.6
JNPA	23.1	↑	21.0	21.8	21.0	22.1
Mundra	27.3	↓	34.1	25.7	25.5	28.8
Pipavav	55.5	↓	62.2	43.5	62.4	54.5
Kandla	36.8	↑	33.7	52.2	49.4	46.8
Hazira	21.5	↓	37.4	26.8	29.5	31.1
Southern Region	46.4		40.8	38.5	86.7	42.9
Chennai	46.6	↑	42.2	40.9	50.9	45.4
Kochi	38.6	↓	43.2	37.8	40.2	41.9
Kattupalli	60.7	↑	49.5	50.3	63.9	56.6
Tuticorin	28.1	↑	20.9	21.2	22.1	22.4
Ennore	51.7	↑	40.1	41.0	86.7	44.5
New Mangalore	51.7*	↓	75.5	83.4	89.8	74.5
Eastern Region	51.7		48.7	47.3	47.5	49.5
Visakhapatnam	55.6	↓	63.0	66.0	55.9	58.8
Kolkata	43.8	↑	35.2	34.3	32.2	36.6
Haldia	73.5	↑	69.0	84.7	90.7	87.6

*Note: Marked yearly New Mangalore dwell time does not include the free time at the port from May'24 onwards

OADT – Overall Avg Dwell Time



Indicates decrease/ increase in dwell time from last year

Dwell Time Performance: Port Export Cycle

EXPORT

	CY'24 (in hrs)		CY'23 (in hrs)	CY'22 (in hrs)	CY'21 (in hrs)	OADT (in hrs)
Western Region	91.9		85.1	90.8	97.0	91.6
JNPA	75.2	↑	70.9	74.5	77.2	74.2
Mundra	110.0	↑	101.7	121.8	126.8	113.0
Pipavav	113.6	↑	99.0	124.2	156.6	112.6
Kandla	85.3	↓	91.5	115.3	119.0	109.7
Hazira	120.2	↑	107.9	120.4	125.2	119.1
Southern Region	89.3		79.4	61.4	82.5	86.8
Chennai	92.9	↑	84.5	94.9	91.2	91.8
Kochi	98.6	↑	77.7	91.0	96.6	91.5
Kattupalli	100.5	↑	85.2	89.5	98.6	95.3
Tuticorin	64.6	↑	53.8	65.9	62.3	64.2
Ennore	105.9	↑	94.4	103.0	82.5	101.6
New Mangalore	66.4*	↓	84.7	95.2	128.3	85.2
Eastern Region	108.7		96.7	101.3	117.8	107.8
Visakhapatnam	92.7	↑	83.7	87.7	102.8	93.2
Kolkata	126.0	↑	118.5	114.0	133.2	124.5
Haldia	145.1	↑	121.4	124.4	130.9	128.2

*Note: Marked yearly New Mangalore dwell time does not include the free time at the port from May'24 onwards

OADT – Overall Avg Dwell Time

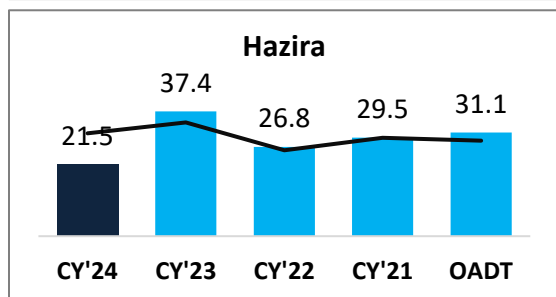
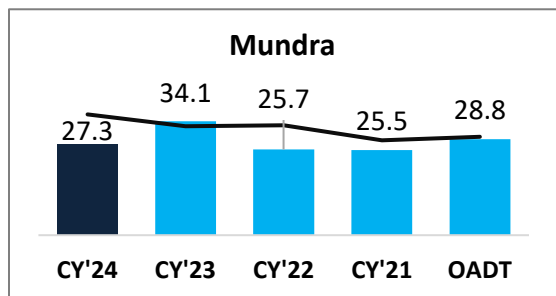
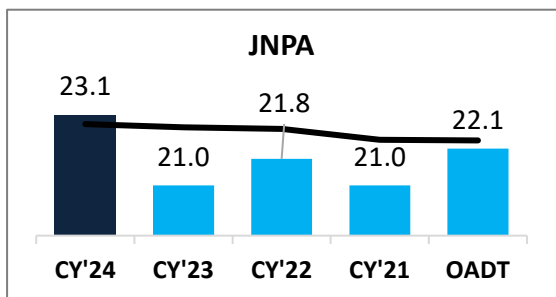


Indicates decrease/ increase in dwell time from last year

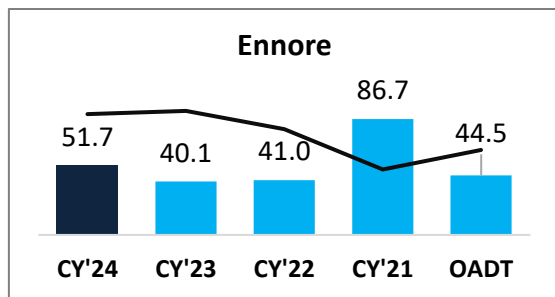
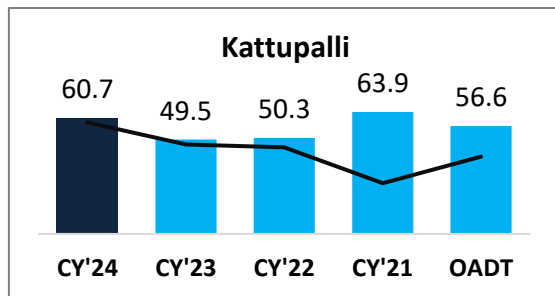
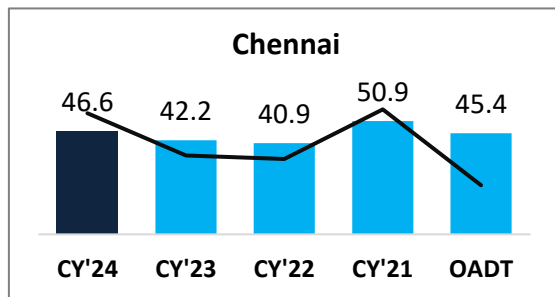
Port Performance Comparison: Import Cycle

Port dwell time performance across various time frames:

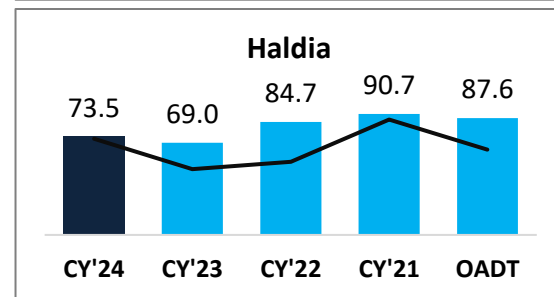
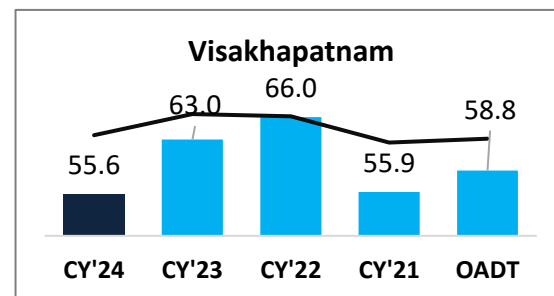
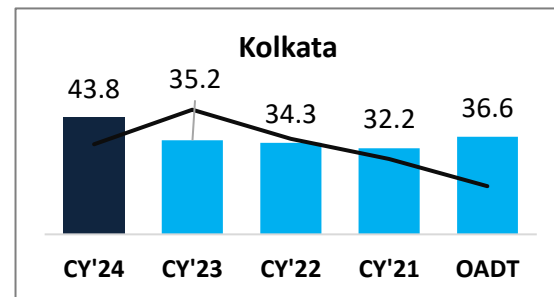
Western Region (Container Volume TEUs share 70.6%)



Southern Region (Container Volume TEUs share 22.2%)



Eastern Region (Container Volume TEUs share 7.2%)



— Represents the trend of container volume (TEUs)

OADT – Overall Avg Dwell Time

Note:

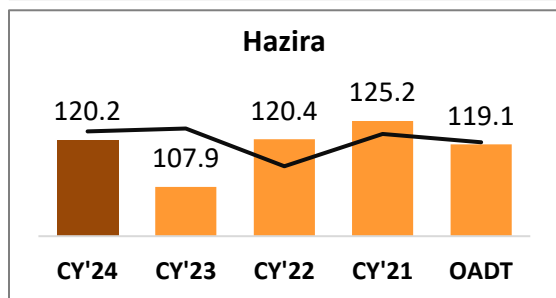
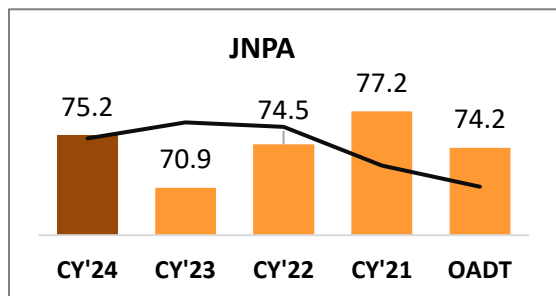
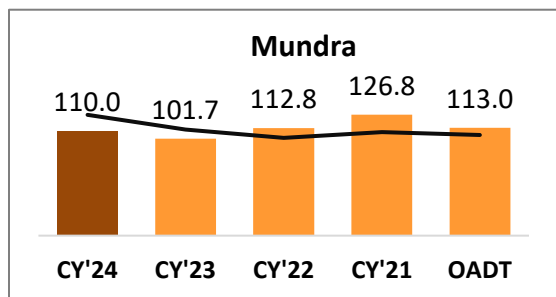
All values are in hours

Top 3 ports of the region based on container volume (TEUs) are showcased

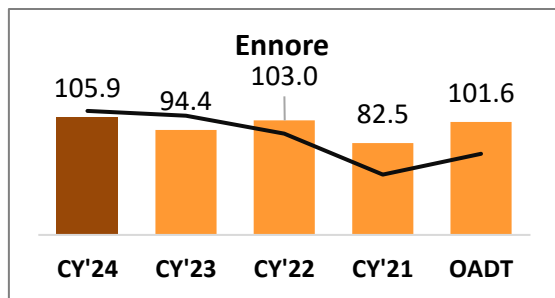
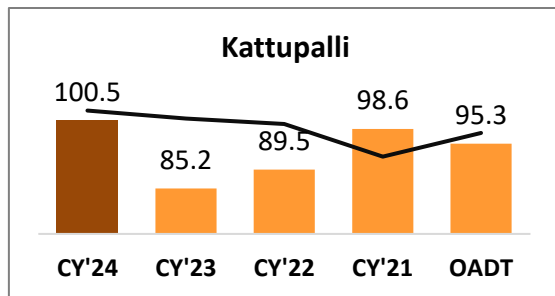
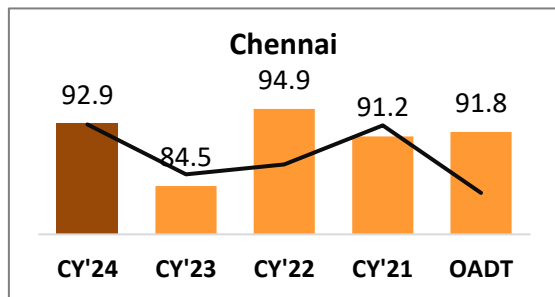
Port Performance Comparison: Export Cycle

Port dwell time performance across various time frames:

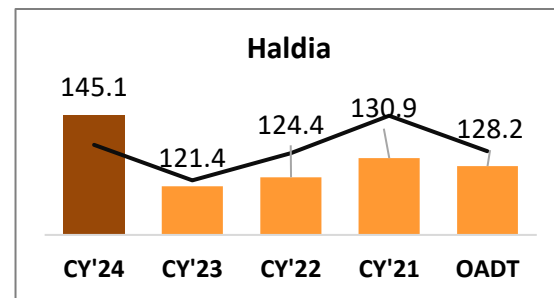
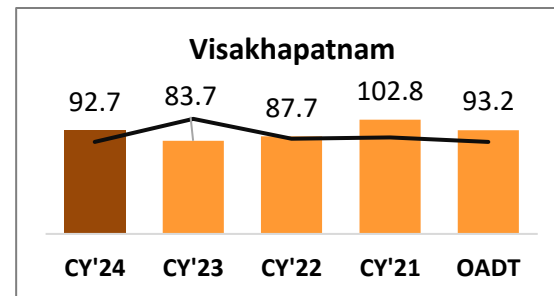
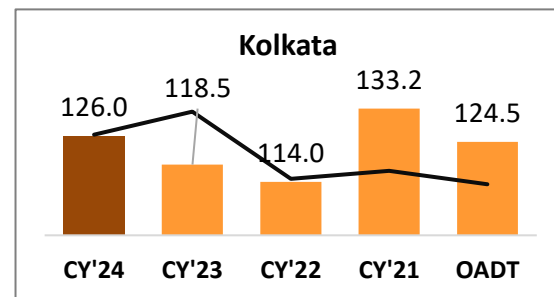
Western Region (Container Volume TEUs share 70.4%)



Southern Region (Container Volume TEUs share 22.2%)



Eastern Region (Container Volume TEUs share 7.4%)



— Represents the trend of container volume (TEUs)

OADT – Overall Avg Dwell Time

Note:

All values are in hours

Top 3 ports of the region based on container volume (TEUs) are showcased

Dwell Time Performance: Entry & Exit Type

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

DPD

IMPORT		CY'24 (in hrs)		CY'23 (in hrs)	CY'22 (in hrs)	CY'21 (in hrs)	OADT (in hrs)
	Western	23.6	↓	28.0	35.5	37.4	29.4
	Southern	71.1	↑	44.5	45.6	54.6	51.1
	Eastern	95.4	↑	77.4	70.3	85.3	82.2

Non DPD

IMPORT		CY'24 (in hrs)		CY'23 (in hrs)	CY'22 (in hrs)	CY'21 (in hrs)	OADT (in hrs)
	Western	25.4		25.4	23.8	21.8	24.3
	Southern	45.1	↑	39.0	32.8	32.9	38.2
	Eastern	47.1	↑	44.7	45.7	47.7	47.3

DPE

EXPORT		CY'24 (in hrs)		CY'23 (in hrs)	CY'22 (in hrs)	CY'21 (in hrs)	OADT (in hrs)
	Western	75.9	↑	72.8	78.5	82.5	77.5
	Southern	-		79.6	91.4	96.5	90.6
	Eastern	135.3	↑	120.7	115.5	126.4	122.5

Non DPE

EXPORT		CY'24 (in hrs)		CY'23 (in hrs)	CY'22 (in hrs)	CY'21 (in hrs)	OADT (in hrs)
	Western	94.3	↑	78.9	76.2	76.7	82.9
	Southern	88.8	↑	72.8	81.8	81.7	84.0
	Eastern	93.7	↑	78.7	86.5	104.3	92.9

OADT – Overall Avg Dwell Time



 Indicates decrease/ increase in dwell time from last year

Dwell Time Performance: Container Size

Port dwell time of containers based on container size:

40 FT

IMPORT

	CY'24 (in hrs)		CY'23 (in hrs)	CY'22 (in hrs)	CY'21 (in hrs)	OADT (in hrs)
Western	26.0		26.0	24.9	24.0	25.6
Southern	46.7	↑	40.5	36.9	39.5	40.9
Eastern	49.7	↑	43.8	42.3	40.3	44.4

20 FT

IMPORT		CY'24 (in hrs)		CY'23 (in hrs)	CY'22 (in hrs)	CY'21 (in hrs)	OADT (in hrs)
	Western	24.5	↓	26.7	25.0	23.1	25.6
	Southern	46.0	↑	40.9	39.9	48.2	44.5
	Eastern	52.8	↑	51.1	53.1	52.4	52.7

40 FT

EXPORT		CY'24 (in hrs)		CY'23 (in hrs)	CY'22 (in hrs)	CY'21 (in hrs)	OADT (in hrs)
	Western	92.3	↑	83.6	91.2	96.9	91.2
	Southern	92.7	↑	81.7	91.8	88.1	89.8
	Eastern	109.3	↑	101.8	104.2	117.9	108.6

20 FT

EXPORT		CY'24 (in hrs)		CY'23 (in hrs)	CY'22 (in hrs)	CY'21 (in hrs)	OADT (in hrs)
	Western	91.7	↑	86.4	90.5	96.9	91.9
	Southern	85.6	↑	77.6	84.5	83.3	83.7
	Eastern	108.5	↑	95.4	100.2	117.6	107.4

OADT – Overall Avg Dwell Time



Indicates decrease/ increase in dwell time from last year

Dwell Time Performance: Container State

Port dwell time of containers based on container state:

Empty

IMPORT		CY'24 (in hrs)		CY'23 (in hrs)	CY'22 (in hrs)	CY'21 (in hrs)	OADT (in hrs)
	Western	26.4	↓	32.5	31.3	31.4	31.0
	Southern	42.8	↑	35.0	32.0	38.5	35.8
	Eastern	76.6	↑	62.8	64.4	43.5	62.4

Laden

IMPORT		CY'24 (in hrs)		CY'23 (in hrs)	CY'22 (in hrs)	CY'21 (in hrs)	OADT (in hrs)
	Western	24.9	↓	25.0	22.7	20.8	23.6
	Southern	42.0	↑	40.6	38.9	43.4	41.8
	Eastern	49.0	↑	45.9	45.4	57.5	49.9

Empty

EXPORT		CY'24 (in hrs)		CY'23 (in hrs)	CY'22 (in hrs)	CY'21 (in hrs)	OADT (in hrs)
	Western	72.7	↑	67.0	63.9	67.1	68.6
	Southern	89.3	↑	72.1	74.5	74.7	77.2
	Eastern	53.9	↑	48.8	56.6	71.7	56.4

Laden

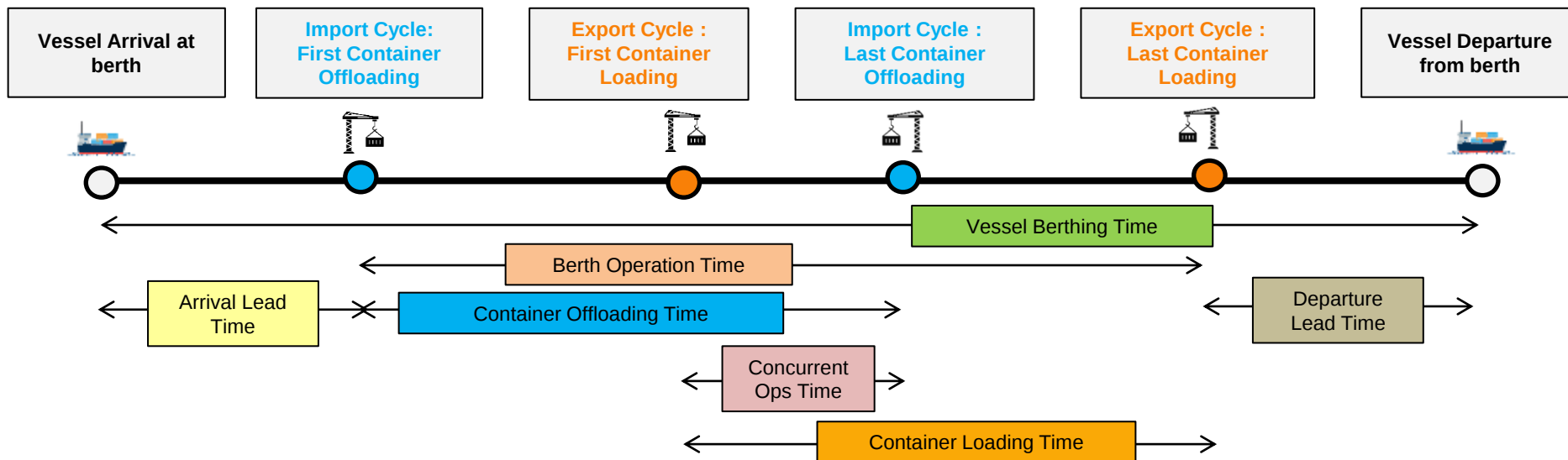
EXPORT		CY'24 (in hrs)		CY'23 (in hrs)	CY'22 (in hrs)	CY'21 (in hrs)	OADT (in hrs)
	Western	97.5	↑	89.1	95.0	90.7	92.6
	Southern	82.1	↑	77.1	97.1	98.8	87.2
	Eastern	126.0	↑	108.8	110.5	121.0	116.0

OADT – Overall Avg Dwell Time



Indicates decrease/ increase in dwell time from last year

Vessel Analysis: PAN India

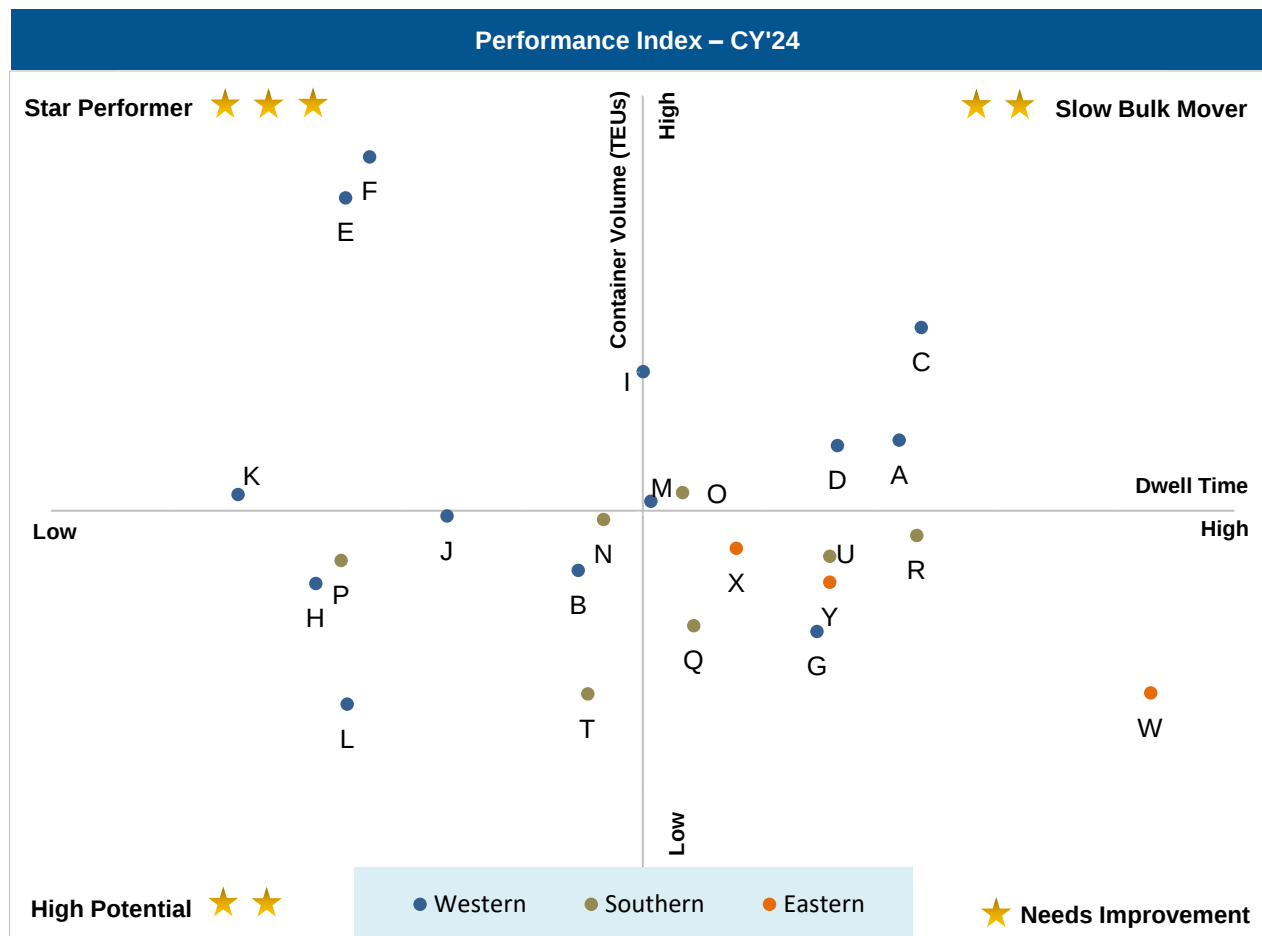


CY'24

	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	21.2	2.0	3.8	1.9	2.6	56.1%	1.4
Mundra	25.6	2.5	3.6	1.6	1.9	56.7%	1.2
JNPA	20.2	1.1	2.7	1.9	3.0	57.6%	1.1
Other Western	21.8	1.8	3.1	1.2	3.2	73.7%	1.2
Southern	20.9	2.0	3.3	1.8	2.7	45.9%	1.7
Eastern	18.6	1.6	6.9	4.6	5.1	44.5%	2.8

Performance Benchmarking: PAN India Terminals

Performance benchmarking of terminals based on dwell time vis-à-vis container volume (TEUs) handled:



X-Axis: Dwell Time
Threshold Value (in hours): 63.9

Y-Axis: Container Volume (TEUs)
Threshold Value (in TEUs): 6,95,774

Star Performer ★★ ★
Entities with high container volume (TEUs) and low dwell time

High Potential ★★
Entities with low container volume (TEUs) and low dwell time

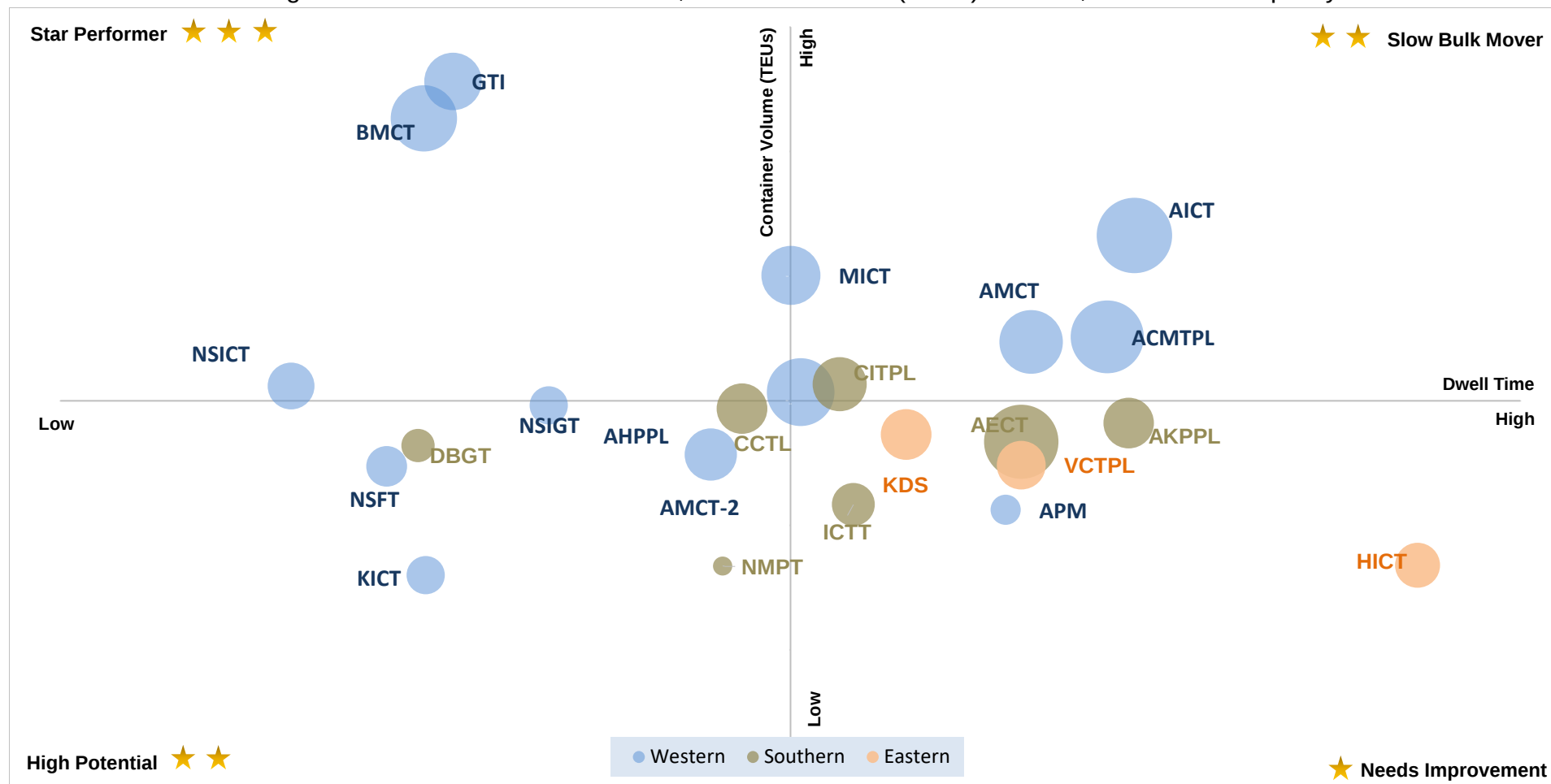
Slow Bulk Movers ★★
Entities with high container volume (TEUs) and high dwell time

Needs Improvement ★
Entities with low container volume (TEUs) and high dwell time

Abb.	Terminals	Container Volume (TEUs)
A	Adani CMA Mundra Terminal (ACMTPL)	5.8%
B	Adani Hazira Port Private Limited (AHPPL)	3.2%
C	Adani International Container Terminal (AICTPL)	8.0%
D	Adani Mundra Container Terminal (AMCT)	5.7%
E	Bharat Mumbai Container Terminals(PSA)	10.6%
F	Gateway Terminals India (GTI)	11.4%
G	APM Terminals Pipavav, Gujarat	1.9%
H	Nhava Sheva Freeport Terminal (NSFT)	2.9%
I	Mundra International Container Terminal (MICT)	7.1%
J	Nhava Sheva India Gateway Terminal (NSIGT)	4.2%
K	Nhava Sheva International Container Terminal (NSICT)	4.7%
L	Kandla International Container Terminal (KICT)	0.5%
M	Adani Mundra Container Terminal-2 (AMCT-2)	4.5%
N	Chennai Container Terminal Pvt. Ltd. (CCTL)	4.2%
O	Chennai International Terminals Pvt Ltd (CITPL)	4.7%
P	Dakshin Bharat Gateway Terminal (DBGT)	3.4%
Q	International Container Transshipment Terminal, Kochi	2.0%
R	Adani Kattupalli Port Private Limited (AKPPL)	3.9%
S	PSA SICAL Terminals	-
T	Mangalore Container Terminal Private Limited (MCTPL)	0.7%
U	Adani Ennore Container Terminal	3.4%
V	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)	-
W	Haldia International Container Terminal (HICT)	0.7%
X	Kolkata Dock System (KDS) , Kolkata Port	3.6%
Y	Visakh Container Terminal	2.9%

Performance Benchmarking: PAN India Terminals

Performance benchmarking of terminals based on dwell time, container volume (TEUs) handled, and terminal capacity for CY'24:



X-Axis: Dwell Time
Threshold Value (in hours): 63.9

Star Performer ★ ★ ★

Entities with high container volume (TEUs) and low dwell time

High Potential ★ ★

Entities with low container volume (TEUs) and low dwell time

Slow Bulk Movers ★ ★

Entities with high container volume (TEUs) and high dwell time

Y-Axis: Container Volume (TEUs)
Threshold Value (in TEUs): 6,95,774

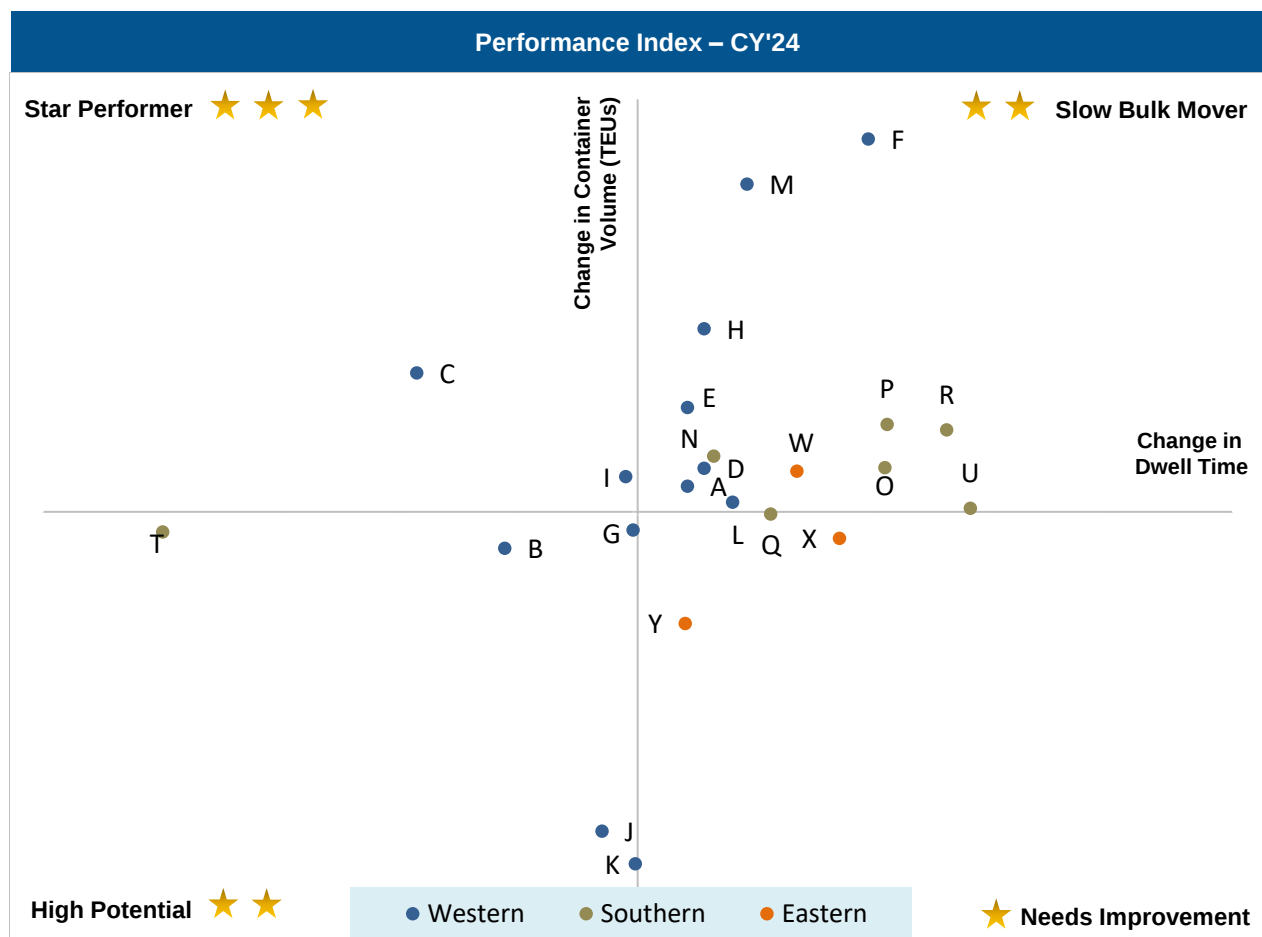
Needs Improvement ★

Entities with low container volume (TEUs) and high dwell time

Note: Terminal abbreviation details are mentioned in annexure

Performance Benchmarking (Previous year comparison): PAN India Terminals

Performance benchmarking of terminals based on the change from previous year in dwell time vs-a-vis container volume (TEUs) handled:



X-Axis: Change in dwell time

Y-Axis: Change in Container Volume (TEUs)

Star Performer ★ ★ ★

Entities with improved dwell time performance and an increase in container volume (TEUs) handled

High Potential ★ ★

Entities with improved dwell time performance and a decrease in container volume (TEUs) handled

Slow Bulk Movers ★ ★

Entities with a decline in dwell time performance and an increase in container volume (TEUs) handled

Needs Improvement ★

Entities with a decline in dwell time performance and decrease in container volume (TEUs) handled

Abb.	Terminals	Container Volume (TEUs)
A	Adani CMA Mundra Terminal (ACMTPL)	5.8%
B	Adani Hazira Port Private Limited (AHPPL)	3.2%
C	Adani International Container Terminal (AICTPL)	8.0%
D	Adani Mundra Container Terminal (AMCT)	5.7%
E	Bharat Mumbai Container Terminals(PSA)	10.6%
F	Gateway Terminals India (GTI)	11.4%
G	APM Terminals Pipavav, Gujarat	1.9%
H	Nhava Sheva Freeport Terminal (NSFT)	2.9%
I	Mundra International Container Terminal (MICT)	7.1%
J	Nhava Sheva India Gateway Terminal (NSIGT)	4.2%
K	Nhava Sheva International Container Terminal (NSICT)	4.7%
L	Kandla International Container Terminal (KICT)	0.5%
M	Adani Mundra Container Terminal-2 (AMCT-2)	4.5%
N	Chennai Container Terminal Pvt. Ltd. (CCTL)	4.2%
O	Chennai International Terminals Pvt Ltd (CITPL)	4.7%
P	Dakshin Bharat Gateway Terminal (DBGT)	3.4%
Q	International Container Transhipment Terminal, Kochi	2.0%
R	Adani Kattupalli Port Private Limited (AKPPL)	3.9%
S	PSA SICAL Terminals	-
T	Mangalore Container Terminal Private Limited (MCTPL)	0.7%
U	Adani Ennore Container Terminal	3.4%
V	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)	-
W	Haldia International Container Terminal (HICT)	0.7%
X	Kolkata Dock System (KDS) , Kolkata Port	3.6%
Y	Visakha Container Terminal	2.9%

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

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

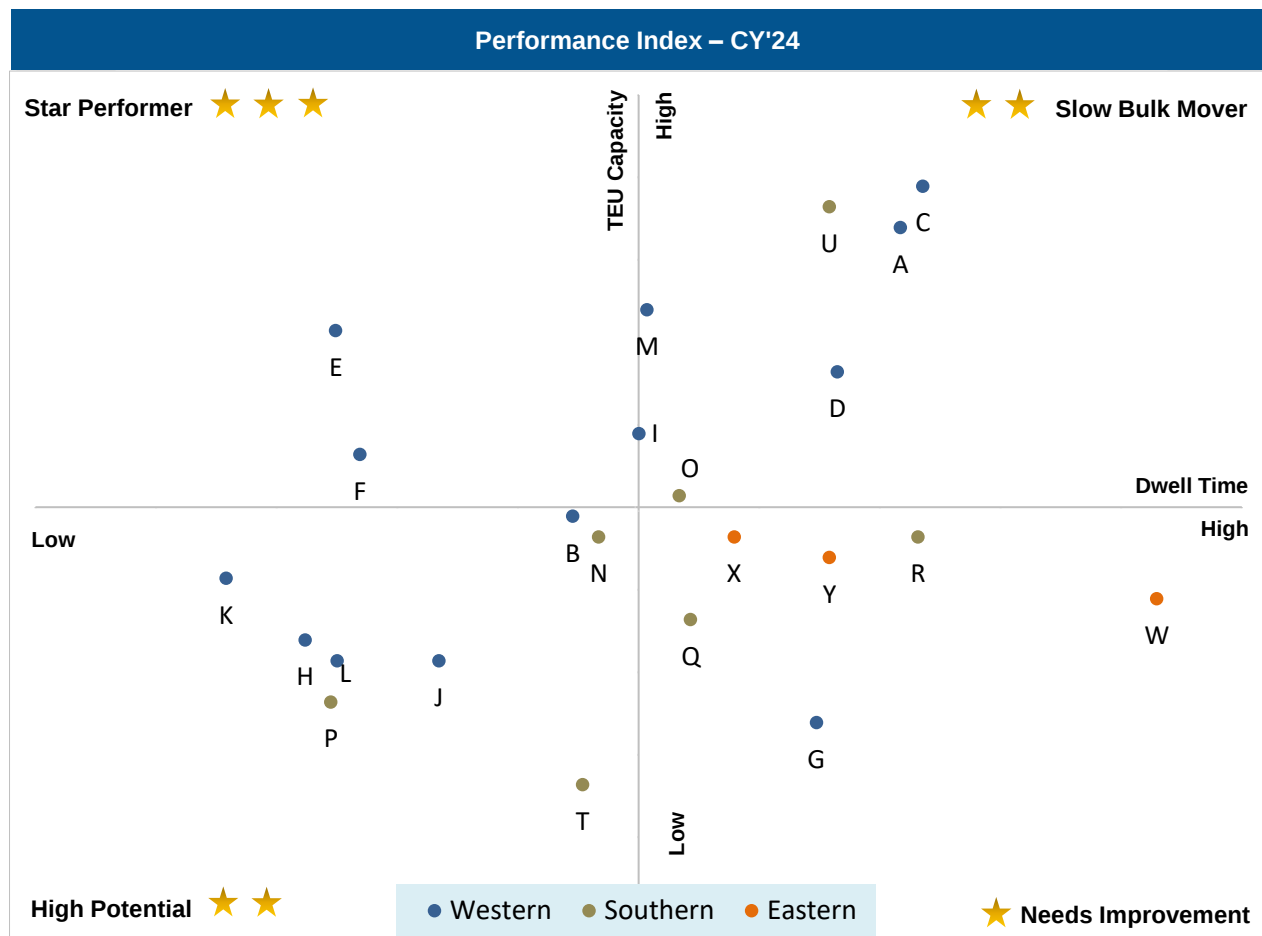


Abb.	Terminals	Container Volume (TEUs)
A	Adani CMA Mundra Terminal (ACMTPL)	5.8%
B	Adani Hazira Port Private Limited (AHPPL)	3.2%
C	Adani International Container Terminal (AICTPL)	8.0%
D	Adani Mundra Container Terminal (AMCT)	5.7%
E	Bharat Mumbai Container Terminals(PSA)	10.6%
F	Gateway Terminals India (GTI)	11.4%
G	APM Terminals Pipavav, Gujarat	1.9%
H	Nhava Sheva Freeport Terminal (NSFT)	2.9%
I	Mundra International Container Terminal (MICT)	7.1%
J	Nhava Sheva India Gateway Terminal (NSIGT)	4.2%
K	Nhava Sheva International Container Terminal (NSICT)	4.7%
L	Kandla International Container Terminal (KICT)	0.5%
M	Adani Mundra Container Terminal-2 (AMCT-2)	4.5%
N	Chennai Container Terminal Pvt. Ltd. (CCTL)	4.2%
O	Chennai International Terminals Pvt Ltd (CITPL)	4.7%
P	Dakshin Bharat Gateway Terminal (DBGT)	3.4%
Q	International Container Transhipment Terminal, Kochi	2.0%
R	Adani Kattupalli Port Private Limited (AKPPL)	3.9%
S	PSA SICAL Terminals	-
T	Mangalore Container Terminal Private Limited (MCTPL)	0.7%
U	Adani Ennore Container Terminal	3.4%
V	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)	-
W	Haldia International Container Terminal (HICT)	0.7%
X	Kolkata Dock System (KDS) , Kolkata Port	3.6%
Y	Visakha Container Terminal	2.9%

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

Dwell Time Performance: CFS Import Cycle

IMPORT		CY'24 (in hrs)		CY'23 (in hrs)	CY'22 (in hrs)	CY'21 (in hrs)	OADT (in hrs)
	Western Region	89.9		91.0	87.9	91.1	92.0
	JNPA	83.8	↓	84.9	81.9	85.0	85.0
	Mundra	100.0	↑	97.8	96.8	99.7	101.6
	Pipavav	75.8	↓	83.8	89.2	-	85.0
	Hazira	104.0	↑	103.8	101.1	107.5	104.8
	Southern Region	128.3		107.3	113.9	116.2	128.4
	Chennai, Ennore, Kattupalli	118.8	↑	100.0	107.7	107.9	119.8
	Kochi	127.2	↑	120.6	121.3	121.2	124.2
	Tuticorin	174.7	↑	142.6	138.9	146.9	166.6
	Eastern Region	151.6		141.6	134.3	128.3	147.5
	Visakhapatnam	175.2	↑	162.3	148.7	154.1	170.3
	Kolkata	143.8	↑	136.2	127.9	122.9	139.9
	Haldia	148.7	↑	126.4	137.7	117.2	143.4

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

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

Dwell Time Performance: CFS Export Cycle

EXPORT		CY'24 (in hrs)		CY'23 (in hrs)	CY'22 (in hrs)	CY'21 (in hrs)	OADT (in hrs)
	Western Region	66.2		66.4	77.6	83.2	67.4
	JNPA	68.6	↓	74.7	90.2	91.8	74.5
	Mundra	63.1	↑	51.6	57.1	59.5	58.6
	Pipavav	-		73.3	57.2	-	70.0
	Hazira	-		71.7	58.9	87.6	79.9
	Southern Region	45.3		47.1	51.4	73.7	39.3
	Chennai, Ennore, Kattupalli	52.7	↓	52.8	58.1	80.2	45.0
	Tuticorin	25.8	↑	25.4	28.2	34.9	25.2
	Eastern Region	101.1		118.8	106.9	118.1	95.8
	Visakhapatnam	83.1	↓	121.9	117.6	122.7	82.9
	Kolkata	117.9	↑	111.1	99.7	111.0	104.7

Below are number of CFSs across various ports:

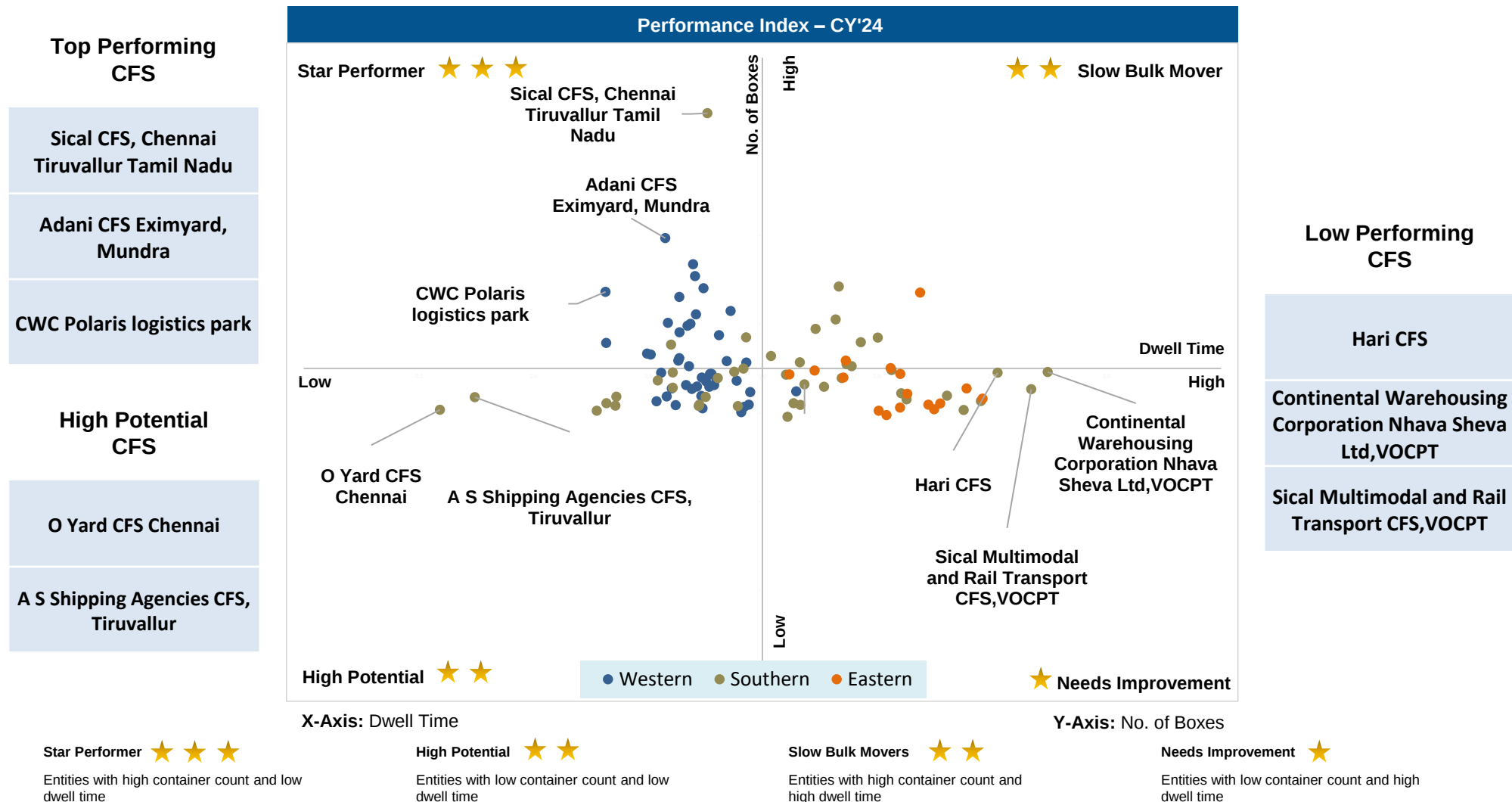
JNPA	Mundra	Pipavav	Hazira	Chennai, Ennore, Kattupalli	Kochi	Tuticorin	Visakhapatnam	Kolkata	Haldia
34	15	3	5	32	5	17	9	7	4

OADT – Overall Avg Dwell Time

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

Performance Benchmarking: PAN India CFSs

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



Dwell Time Performance: ICD Import & Export Cycle

IMPORT		CY'24 (in hrs)		CY'23 (in hrs)	CY'22 (in hrs)	CY'21 (in hrs)	OADT (in hrs)
	Western Region	117.0	↓	132.1	135.7	132.0	128.7
	Southern Region	125.1	↓	138.8	-	-	125.4
	Eastern Region	114.9	↑	93.2	-	-	107.4
	Northern Region	116.7	↓	129.8	134.2	152.0	129.1

EXPORT		CY'24 (in hrs)		CY'23 (in hrs)	CY'22 (in hrs)	CY'21 (in hrs)	OADT (in hrs)
	Western Region	107.3	↑	104.1	92.6	105.2	100.5
	Northern Region	102.8	↓	104.8	92.8	106.1	100.2

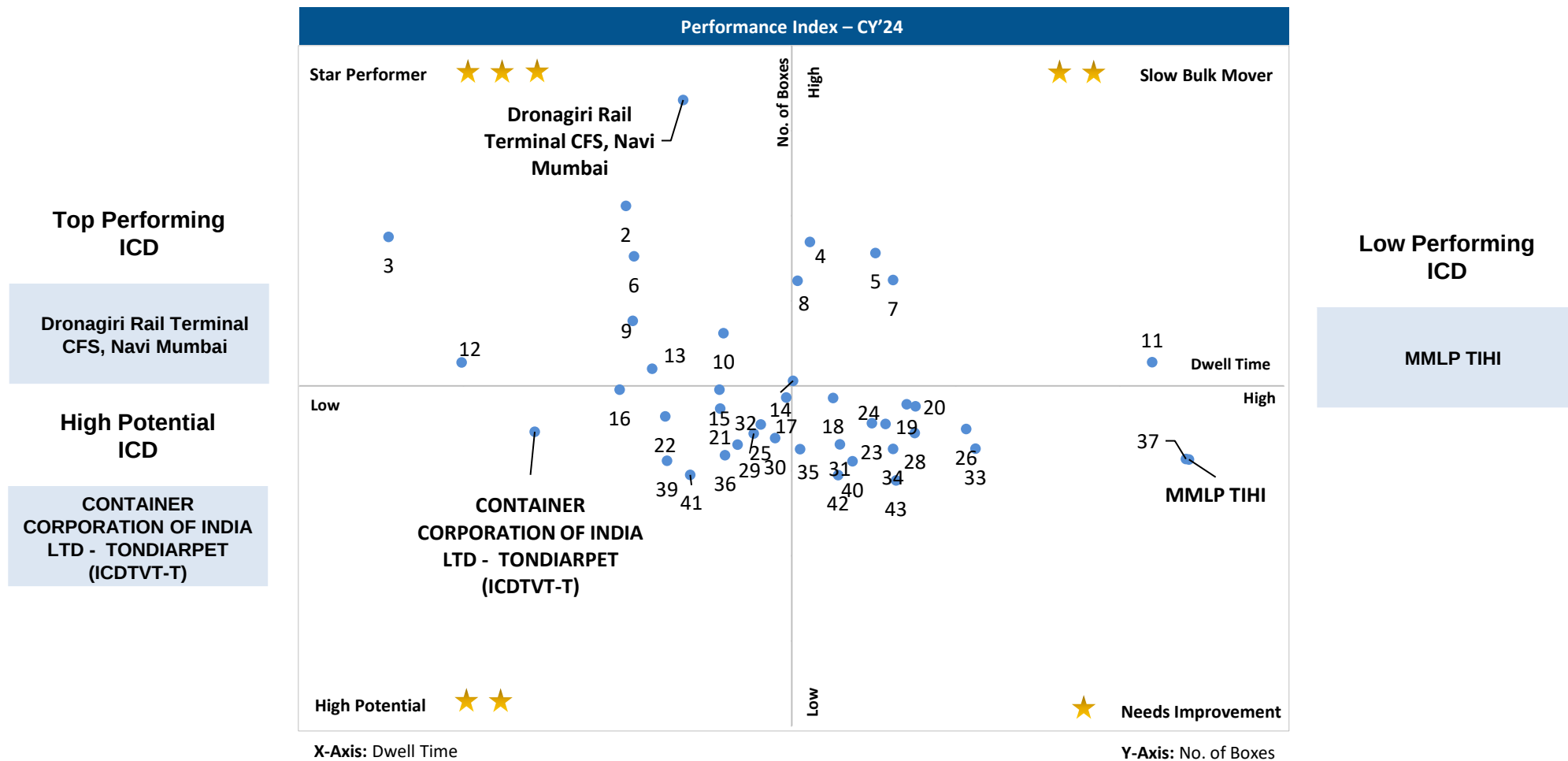
OADT – Overall Avg Dwell Time



Indicates decrease/ increase in dwell time from last year

ICD Performance Benchmarking: PAN India

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



Note:
Please refer annexure for ICD names

Dwell Time Performance: Domestic Containers

Terminal dwell time performance for handling domestic containers:

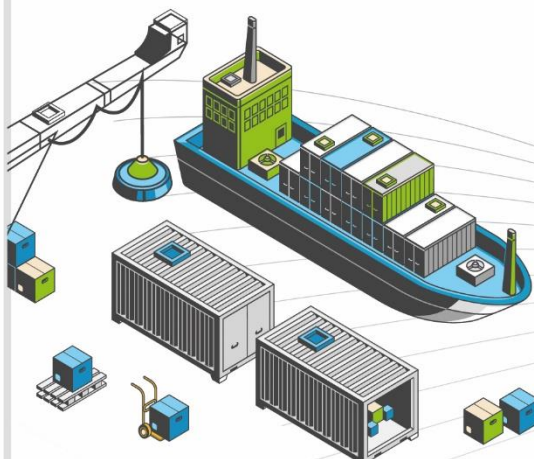
Terminals	Dwell time for handling domestic containers			Overall domestic containers volume (TEUs) distribution among terminals	
	CY'24 (in hrs)		CY'23 (in hrs)	CY'24 (%)	CY'23 (%)
International Container Transshipment Terminal, Kochi	61.3	↓	83.3	28.20%	18.50%
Visakha Container Terminal	44.4	↓	69.4	10.40%	15.90%
PSA SICAL Terminals	76.0	↓	85.5	11.30%	9.30%
Bharat Mumbai Container Terminals(PSA)	11.5	↓	23.1	9.50%	13.90%
Mangalore Container Terminal Private Limited (MCTPL)	75.5	↓	82.7	5.60%	2.90%
Nhava Sheva India Gateway Terminal (NSIGT)	58.8	↑	53.0	4.50%	7.70%
Chennai Container Terminal Pvt. Ltd. (CCTL)	101.4	↓	200.5	4.70%	4.20%
Chennai International Terminals Pvt Ltd (CITPL)	55.9	↓	59.9	1.90%	1.40%
Dakshin Bharat Gateway Terminal (DBGT)	55.0	↑	43.5	4.10%	1.60%
Kandla International Container Terminal (KICT)	179.0	↑	147.6	3.60%	2.60%
Nhava Sheva International Container Terminal (NSICT)	50.7	↓	58.3	2.90%	12.20%
Nhava Sheva Freeport Terminal (NSFT)	17.0	↓	49.6	7.60%	3.70%
Kolkata Dock System (KDS) , Kolkata Port	57.8	↓	60.9	2.70%	3.70%
Haldia International Container Terminal (HICT)	102.7	↓	140.1	2.20%	1.50%
Paradip International Cargo Terminal	73.8	↑	57.8	0.80%	0.90%

Terminal handling highest domestic container volume (TEUs)



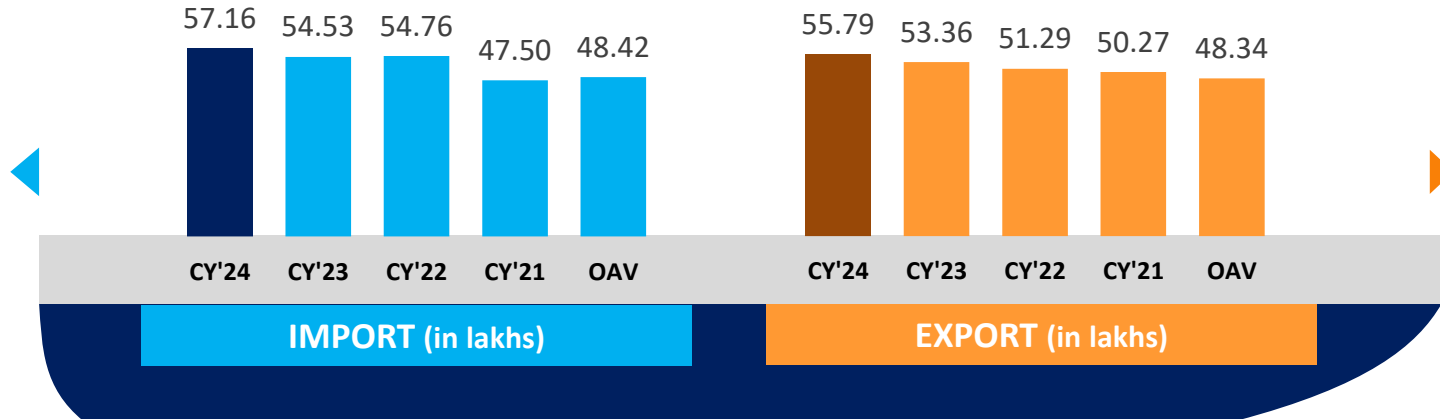
Indicates decrease/ increase in dwell time from last year

WESTERN REGION PERFORMANCE

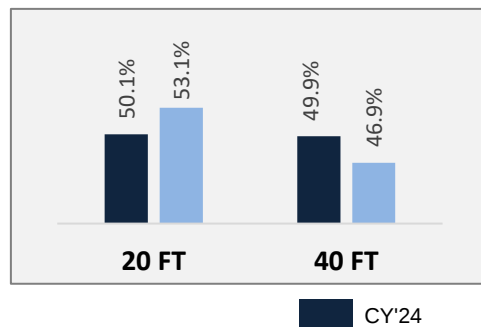


Container Volume (TEUs): Western Region

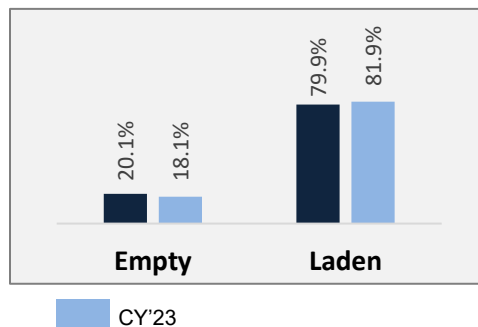
Western Region



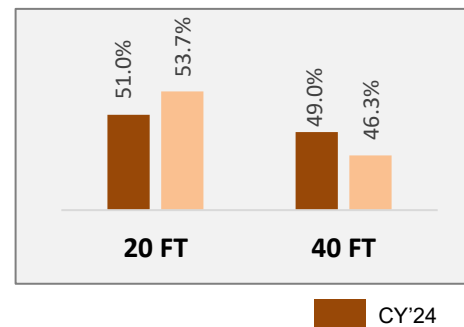
Container Size-wise (Import)



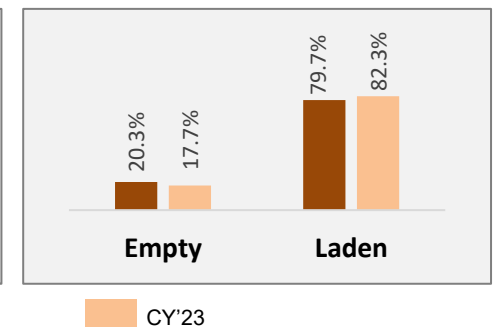
Container Type-wise (Import)



Container Size-wise (Export)



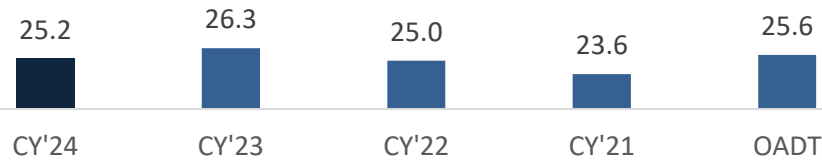
Container Type-wise (Export)



OAV – Overall Avg Volume

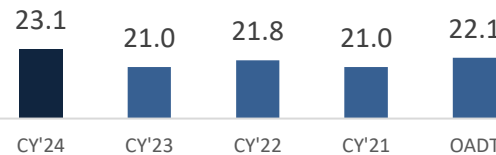
Dwell Time Performance: Western Region Import Cycle

Western Region

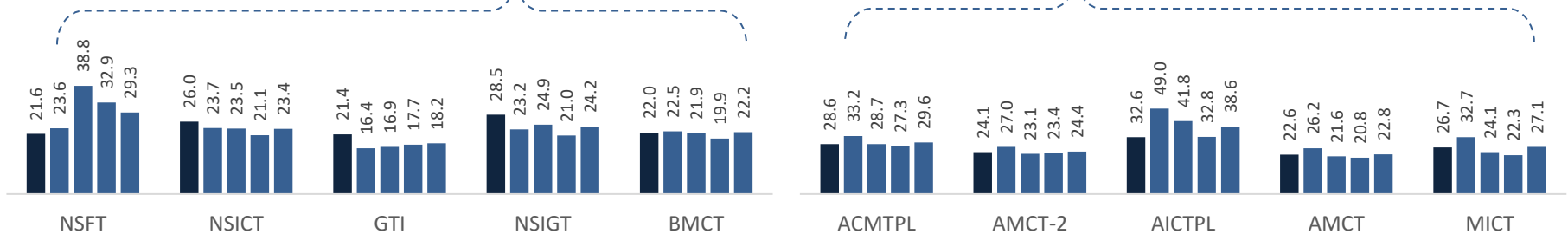
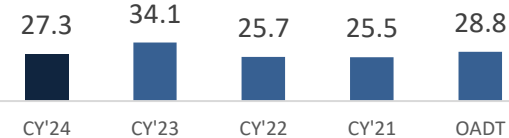


**PAN India
Import Dwell Time**
31.4 Hrs.
(CY'24)

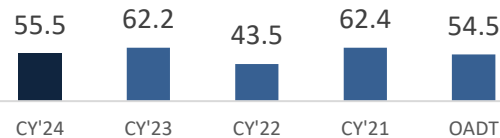
JNPA



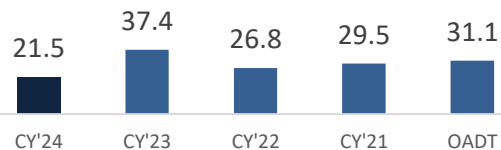
Mundra



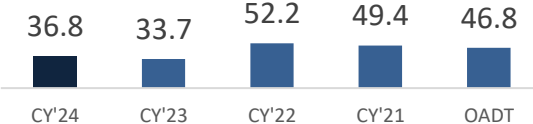
Pipavav



Hazira



Kandla



OADT – Overall Avg Dwell Time

Note:
All values are in hours

IMPORT

Dwell Time Performance: Western Region Export Cycle

Western Region



91.9

CY'24

85.1

CY'23

90.8

CY'22

97.0

CY'21

91.6

OADT

PAN India
Export Dwell Time

92.3 Hrs.
(CY'24)

JNPA

75.2

CY'24

70.9

CY'23

74.5

CY'22

77.2

CY'21

74.2

OADT

Mundra

110.0

CY'24

101.7

CY'23

121.8

CY'22

126.8

CY'21

113.0

OADT

76.0
73.0
71.4
75.9
74.3

NSFT

60.2
58.0
60.7
61.7
59.7

NSICT

76.1
71.6
78.3
79.1
76.6

GTI

84.6
82.5
87.0
91.7
85.6

NSIGT

76.1
71.5
72.0
71.9
73.4

BMCT

116.7
105.3
122.4
156.4
125.5

ACMTPL

103.8
90.3
95.1
106.1
98.9

AMCT-2

131.0
118.8
128.2
151.3
131.2

AICTPL

106.9
99.8
115.0
127.0
111.1

AMCT

95.3
89.8
94.8
96.5
94.5

MICT

Pipavav

113.6

CY'24

99.0

CY'23

124.2

CY'22

156.6

CY'21

112.6

OADT

Hazira

120.2

CY'24

107.9

CY'23

120.4

CY'22

125.2

CY'21

119.1

OADT

Kandla

85.3

CY'24

91.5

CY'23

115.3

CY'22

119.0

CY'21

109.7

OADT

OADT – Overall Avg Dwell Time

Note:

All values are in hours

EXPORT

Container Turnaround Analysis: Western Region

Container turnaround analysis showcases the percentage of container volume (TEUs) 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)	Container Volume (TEUs) Handled (in Percentage)		Turnaround Time (in Days)	
		CY'24	CY'23	CY'24	CY'23
JNPA	JNPA	96%	96%	27.7	27.9
	Other Ports	4%	4%	52.9	56.0
Mundra	Mundra	94%	94%	33.6	34.7
	Other Ports	6%	6%	47.1	53.3
Hazira	Hazira	96%	98%	29.2	34.7
	Other Ports	4%	2%	54.2	57.1
Kandla	Kandla	75%	79%	36.6	43.5
	Mundra	25%	21%	44.7	52.8
Pipavav	Mundra	44%	42%	30.0	32.2
	Pipavav	53%	54%	43.3	45.5
	Other Ports	3%	4%	45.8	46.8

Container Turnaround Analysis: JNPA Port

Container turnaround analysis showcases the percentage of container volume (TEUs) 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.

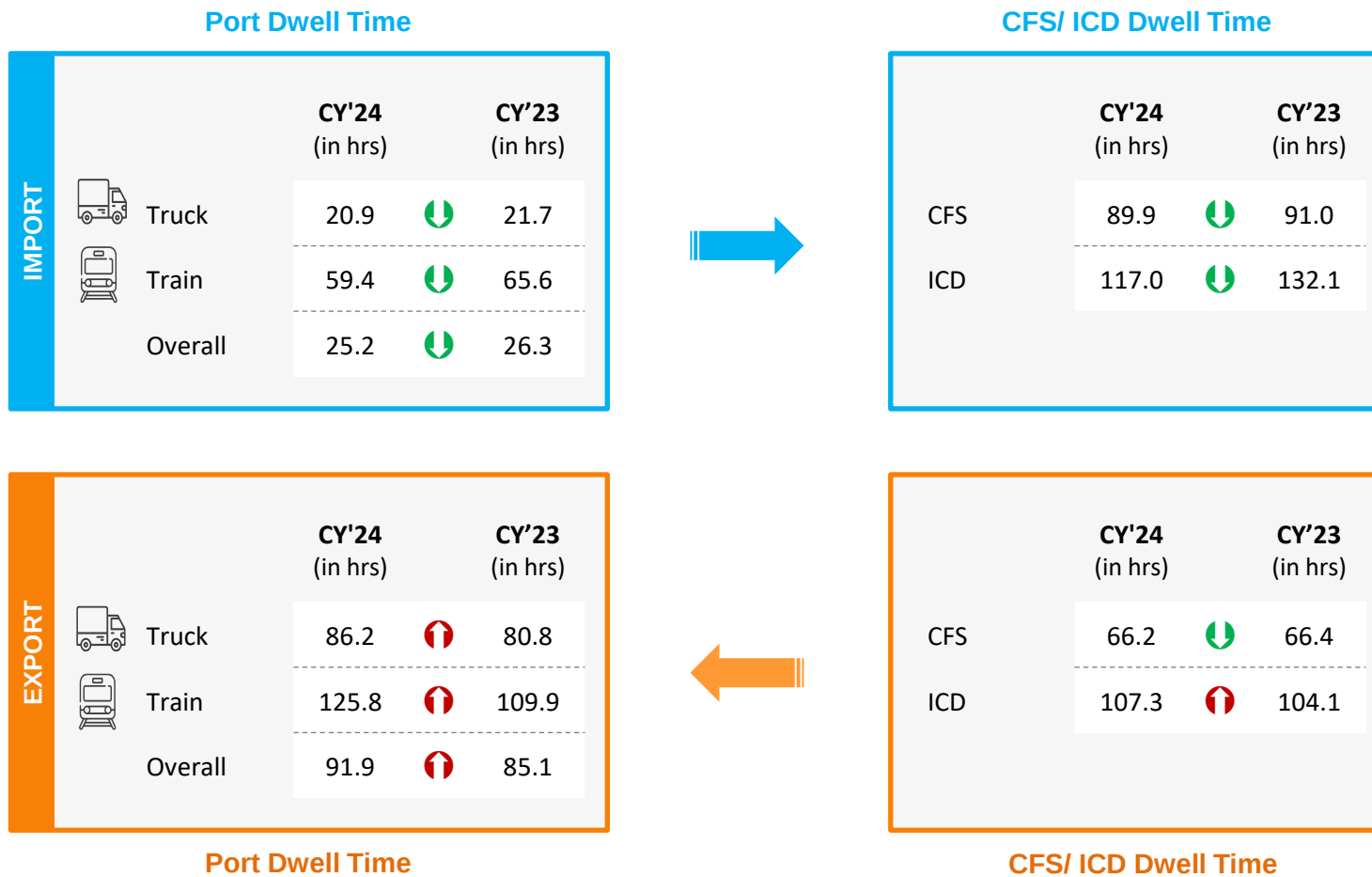
Port Terminal In (Import Cycle)	Port Terminal Out (Export Cycle)	Container Volume (TEUs) Handled (in Percentage)		Turnaround Time (in Days)	
		CY'24	CY'23	CY'24	CY'23
Bharat Mumbai Container Terminals(PSA)	Bharat Mumbai Container Terminals(PSA)	40%	40%	27.8	29.3
	Gateway Terminals India (GTI)	28%	23%	26.1	25.6
	Nhava Sheva Freeport Terminal (NSFT)	6%	4%	31.7	32.7
	Nhava Sheva India Gateway Terminal (NSIGT)	12%	14%	26.7	28.8
	Nhava Sheva International Container Terminal (NSICT)	14%	19%	29.7	32.4
Gateway Terminals India (GTI)	Bharat Mumbai Container Terminals(PSA)	26%	25%	26.0	24.6
	Gateway Terminals India (GTI)	47%	44%	25.3	23.4
	Nhava Sheva Freeport Terminal (NSFT)	6%	5%	29.0	26.6
	Nhava Sheva India Gateway Terminal (NSIGT)	8%	12%	26.1	24.1
	Nhava Sheva International Container Terminal (NSICT)	13%	14%	28.2	28.2
Nhava Sheva Freeport Terminal (NSFT)	Bharat Mumbai Container Terminals(PSA)	27%	25%	29.2	29.0
	Gateway Terminals India (GTI)	25%	24%	28.7	28.7
	Nhava Sheva Freeport Terminal (NSFT)	23%	19%	28.3	28.5
	Nhava Sheva India Gateway Terminal (NSIGT)	14%	18%	25.5	23.7
	Nhava Sheva International Container Terminal (NSICT)	11%	14%	33.6	40.1
Nhava Sheva India Gateway Terminal (NSIGT)	Bharat Mumbai Container Terminals(PSA)	20%	17%	30.7	31.7
	Gateway Terminals India (GTI)	19%	16%	28.3	26.0
	Nhava Sheva Freeport Terminal (NSFT)	8%	6%	27.2	25.0
	Nhava Sheva India Gateway Terminal (NSIGT)	41%	47%	27.9	27.9
	Nhava Sheva International Container Terminal (NSICT)	12%	14%	30.9	34.9
Nhava Sheva International Container Terminal (NSICT)	Bharat Mumbai Container Terminals(PSA)	23%	27%	32.6	32.3
	Gateway Terminals India (GTI)	28%	22%	29.0	31.9
	Nhava Sheva Freeport Terminal (NSFT)	5%	4%	37.7	43.8
	Nhava Sheva India Gateway Terminal (NSIGT)	8%	8%	29.3	29.9
	Nhava Sheva International Container Terminal (NSICT)	36%	39%	31.4	32.0

Container Turnaround Analysis: Mundra Port

Container turnaround analysis showcases the percentage of container volume (TEUs) 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)	Container Volume (TEUs) Handled (in Percentage)		Turnaround Time (in Days)	
		CY'24	CY'23	CY'24	CY'23
Adani CMA Mundra Terminal (ACMTPL)	Adani CMA Mundra Terminal (ACMTPL)	59%	56%	33.9	37.0
	Adani International Container Terminal (AICTPL)	1%	3%	30.9	33.9
	Adani Mundra Container Terminal (AMCT)	25%	27%	31.5	34.9
	Adani Mundra Container Terminal -2	7%	5%	30.9	30.8
	Mundra International Container Terminal (MICT)	8%	9%	27.9	27.7
Adani International Container Terminal (AICTPL)	Adani CMA Mundra Terminal (ACMTPL)	2%	3%	31.3	27.8
	Adani International Container Terminal (AICTPL)	83%	81%	44.2	39.9
	Adani Mundra Container Terminal (AMCT)	6%	7%	30.4	30.2
	Adani Mundra Container Terminal -2	5%	4%	35.3	33.1
	Mundra International Container Terminal (MICT)	4%	5%	35.2	32.2
Adani Mundra Container Terminal (AMCT)	Adani CMA Mundra Terminal (ACMTPL)	24%	29%	34.7	37.9
	Adani International Container Terminal (AICTPL)	5%	6%	28.0	35.6
	Adani Mundra Container Terminal (AMCT)	42%	45%	30.3	31.7
	Adani Mundra Container Terminal -2	20%	12%	31.4	34.1
	Mundra International Container Terminal (MICT)	9%	8%	30.4	34.4
Adani Mundra Container Terminal -2	Adani CMA Mundra Terminal (ACMTPL)	14%	16%	31.0	33.4
	Adani International Container Terminal (AICTPL)	7%	8%	26.9	36.6
	Adani Mundra Container Terminal (AMCT)	28%	28%	29.4	32.7
	Adani Mundra Container Terminal -2	37%	34%	33.0	32.9
	Mundra International Container Terminal (MICT)	14%	14%	28.9	38.4
Mundra International Container Terminal (MICT)	Adani CMA Mundra Terminal (ACMTPL)	7%	7%	30.1	30.4
	Adani International Container Terminal (AICTPL)	5%	5%	36.6	47.8
	Adani Mundra Container Terminal (AMCT)	12%	10%	31.0	35.9
	Adani Mundra Container Terminal -2	7%	5%	37.0	46.5
	Mundra International Container Terminal (MICT)	69%	73%	29.6	29.6

Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)



Indicates decrease/ increase in dwell time from last year

Port Performance Benchmarking: Western Region

Performance benchmarking of terminals based on dwell time vis-à-vis container volume (TEUs) handled:

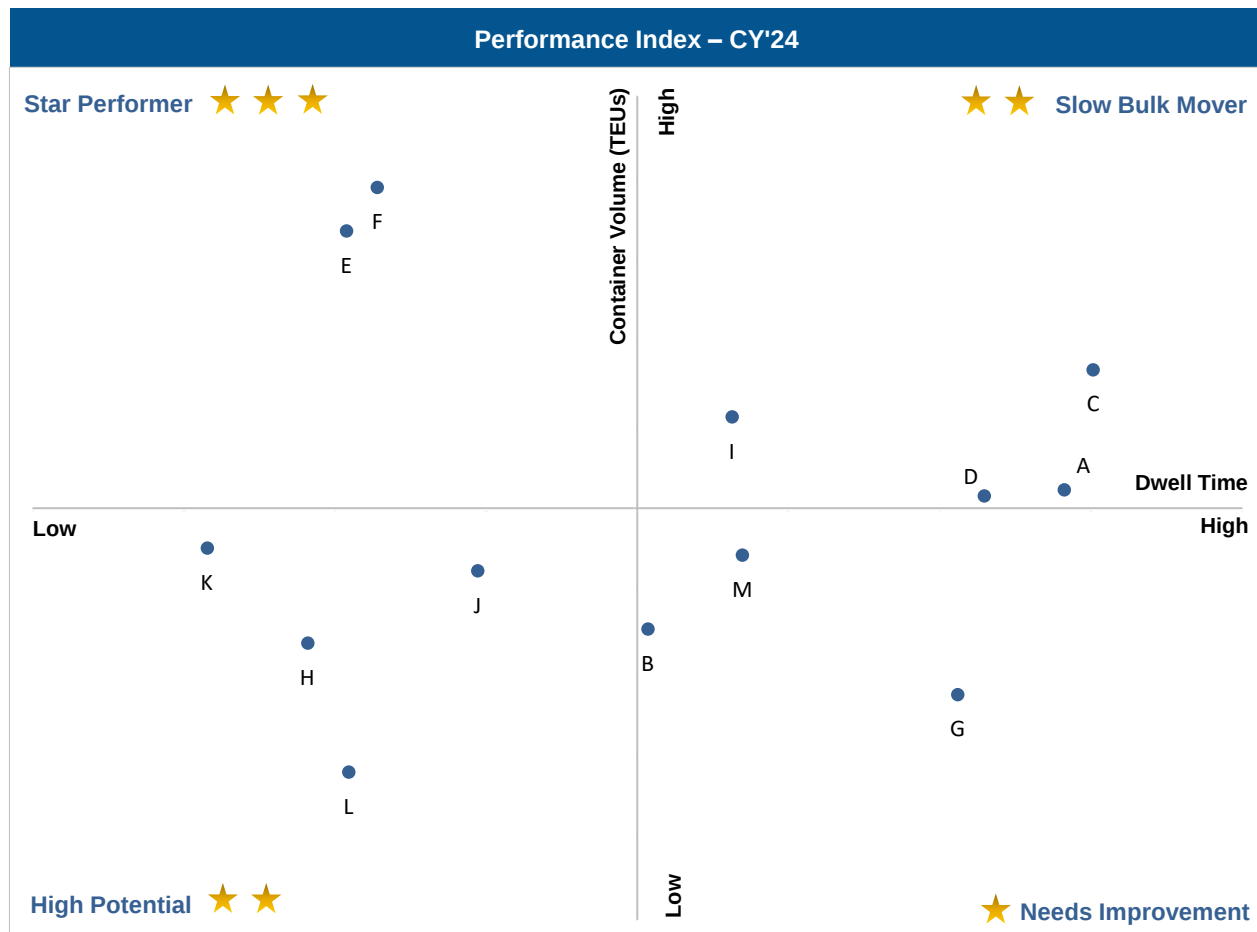
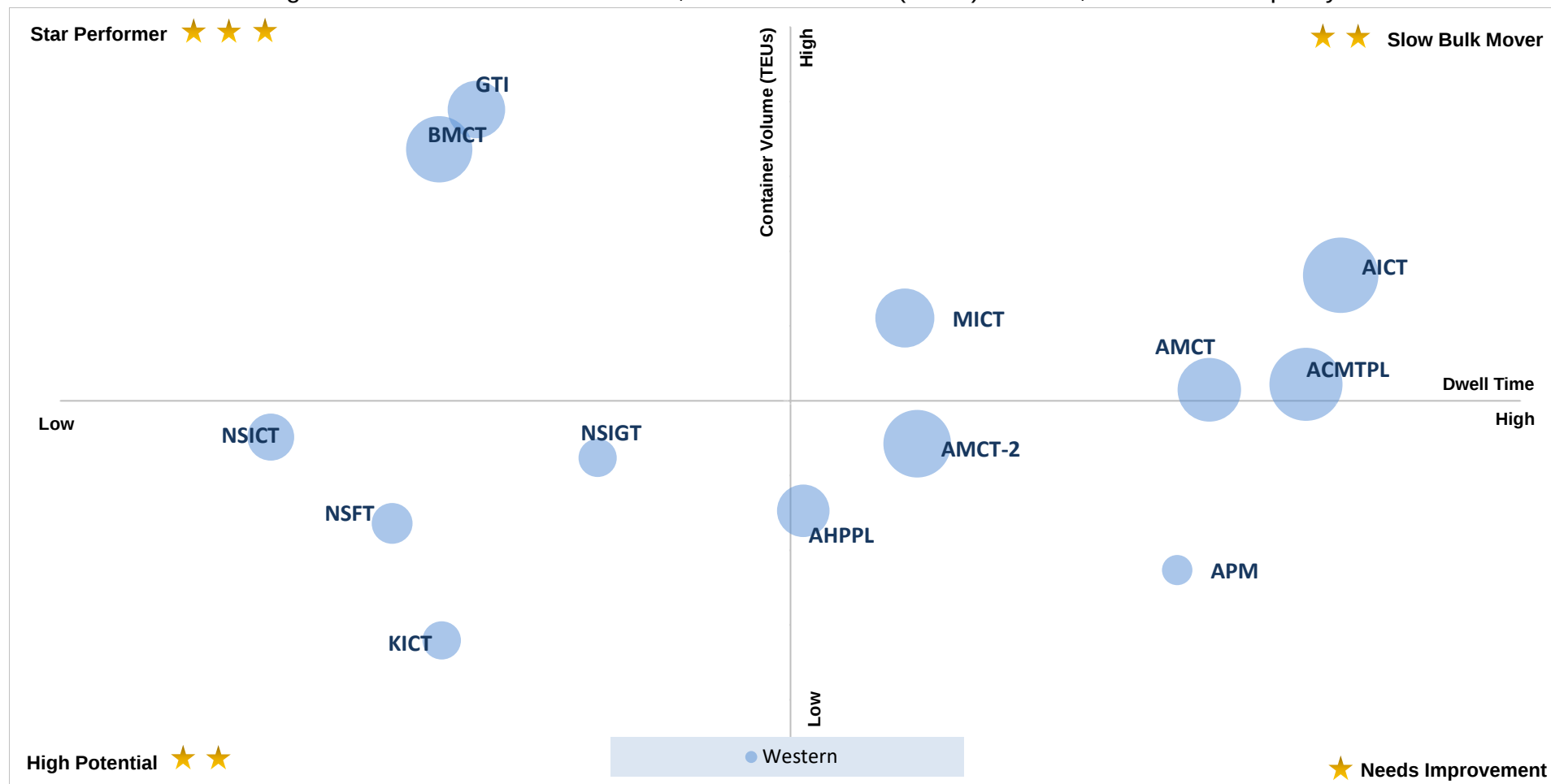


Abb.	Name of Terminal
A	Adani CMA Mundra Terminal (ACMTPL)
B	Adani Hazira Port Private Limited (AHPPL)
C	Adani International Container Terminal (AICTPL)
D	Adani Mundra Container Terminal (AMCT)
E	Bharat Mumbai Container Terminals(PSA)
F	Gateway Terminals India (GTI)
G	APM Terminals Pipavav, Gujarat
H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

Performance Benchmarking: Western Region

Performance benchmarking of terminals based on dwell time, container volume (TEUs) handled, and terminal capacity for CY'24:



X-Axis: Dwell Time
Threshold Value (in hours): 59.3

○ Bubble size represents the terminal capacity

Y-Axis: Container Volume (TEUs)
Threshold Value (in TEUs): 8,68,174

Star Performer ★ ★ ★

Entities with high container volume (TEUs) and low dwell time

High Potential ★ ★

Entities with low container volume (TEUs) and low dwell time

Slow Bulk Movers ★ ★

Entities with high container volume (TEUs) and high dwell time

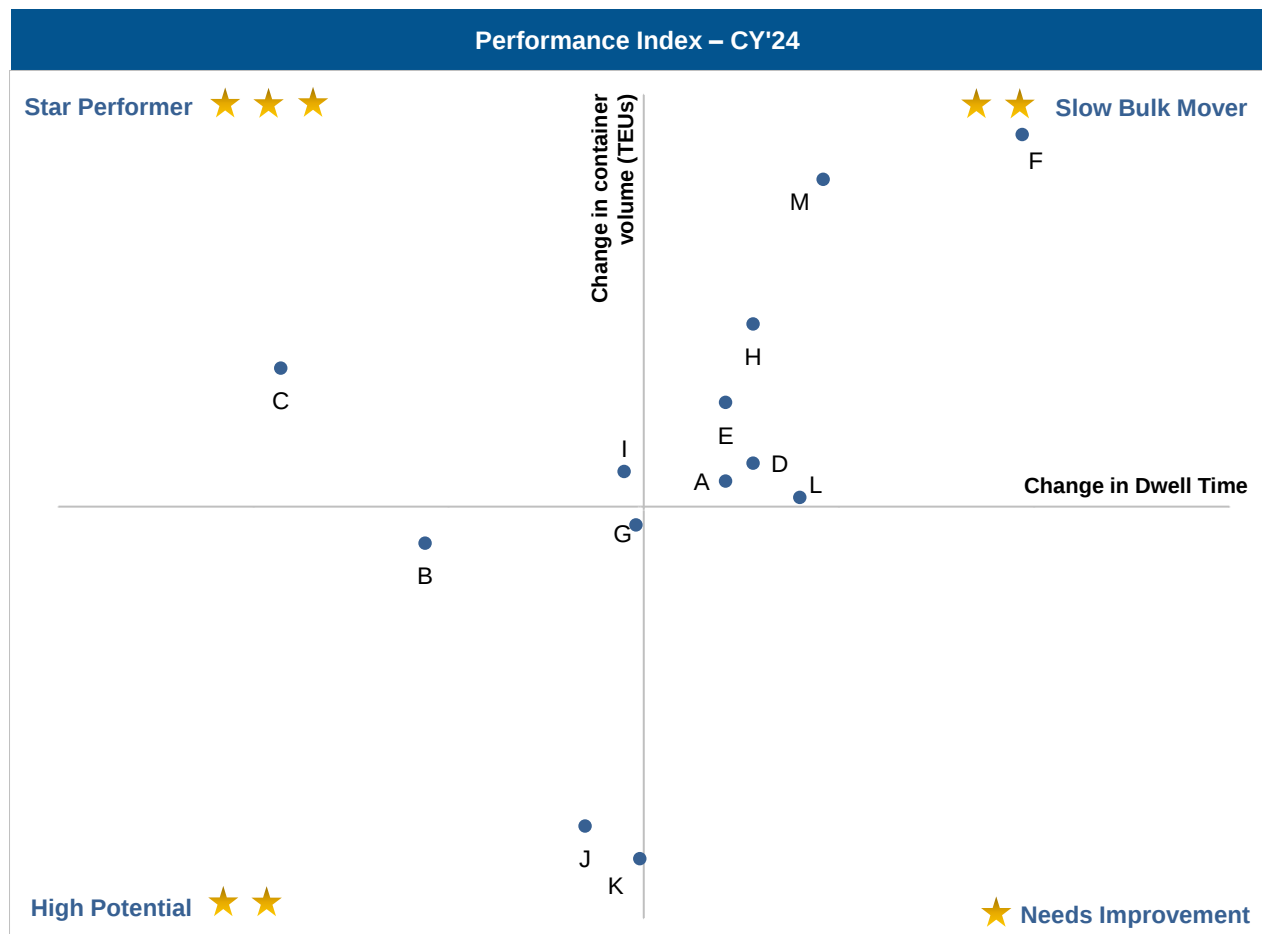
Needs Improvement ★

Entities with low container volume (TEUs) and high dwell time

Note: Terminal abbreviation details are mentioned in annexure

Port Performance Benchmarking (Previous year comparison): Western Region

Performance benchmarking of terminals based on the change from previous year in dwell time vis-a-vis container volume (TEUs) handled:



X-Axis: Change in dwell time

Y-Axis: Change in container volume (TEUs)

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

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

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



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

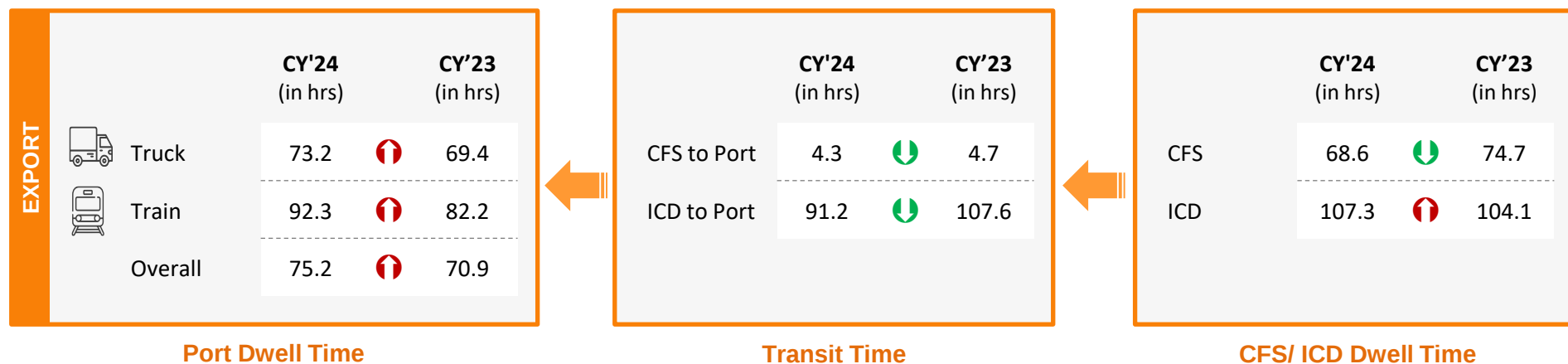
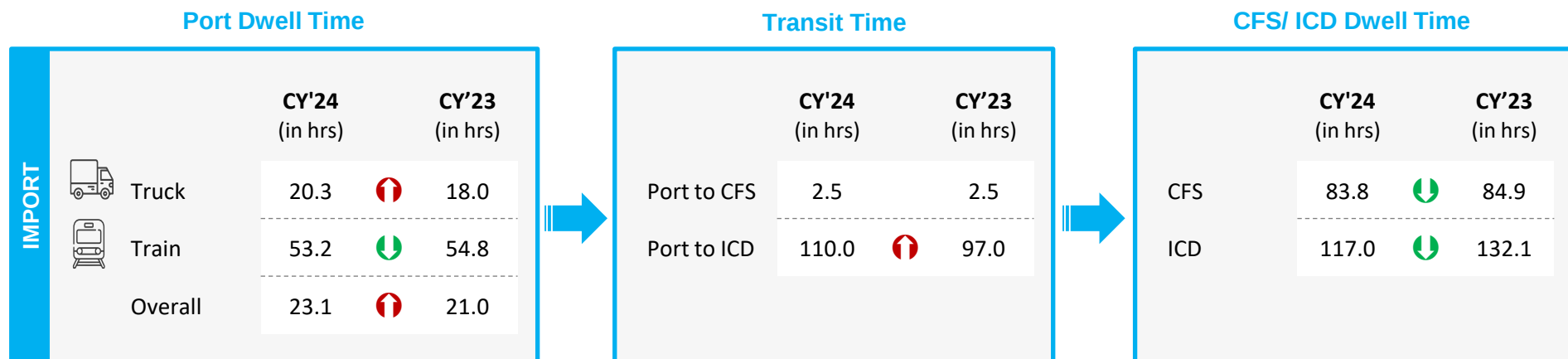
CFS Performance Benchmarking: Western Region

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



Note:
Please refer annexure for CFS names

Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)



 Indicates decrease/ increase in time from last year

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	CY'24 (in hrs)	CY'23 (in hrs)
Gate in - Gate Out	6.0	4.7

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

	Within 2 hrs	2-4 hrs	4-8 hrs	8-16 hrs	16-24 hrs	More than 24 hrs
Parking Plaza Dwell Time	8%	22%	35%	24%	7%	4%

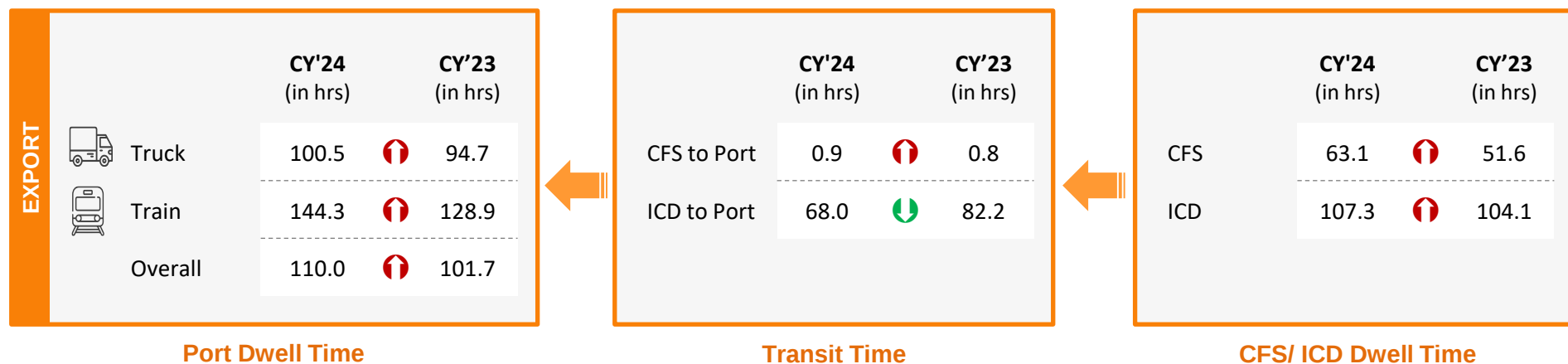
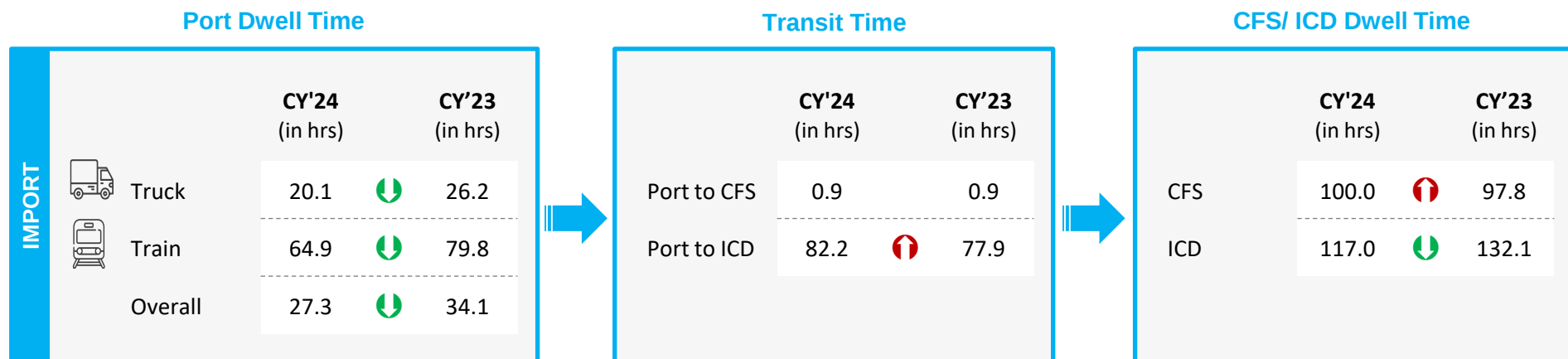
Parking Plaza to JNPA Port	CY'24 (in hrs)	CY'23 (in hrs)
Gate Out – Terminal In	1.0	1.9

Container Count Percentage: Hour-wise (CY'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	69%	19%	4%	2%	1%	5%
NSICT	33%	23%	14%	11%	10%	9%
GTI	61%	26%	8%	3%	1%	1%
NSIGT	49%	19%	10%	7%	5%	10%
BMCT	5%	19%	18%	17%	13%	28%

Port Terminal	CY'24 (in hrs)	CY'23 (in hrs)
NSFT	0.6	2.7
NSICT	1.7	2.6
GTI	0.8	0.7
NSIGT	1.0	1.4
BMCT	3.4	5.3

Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)

Indicates decrease/ increase in time from last year

Parking Plaza Analysis: Mundra Port

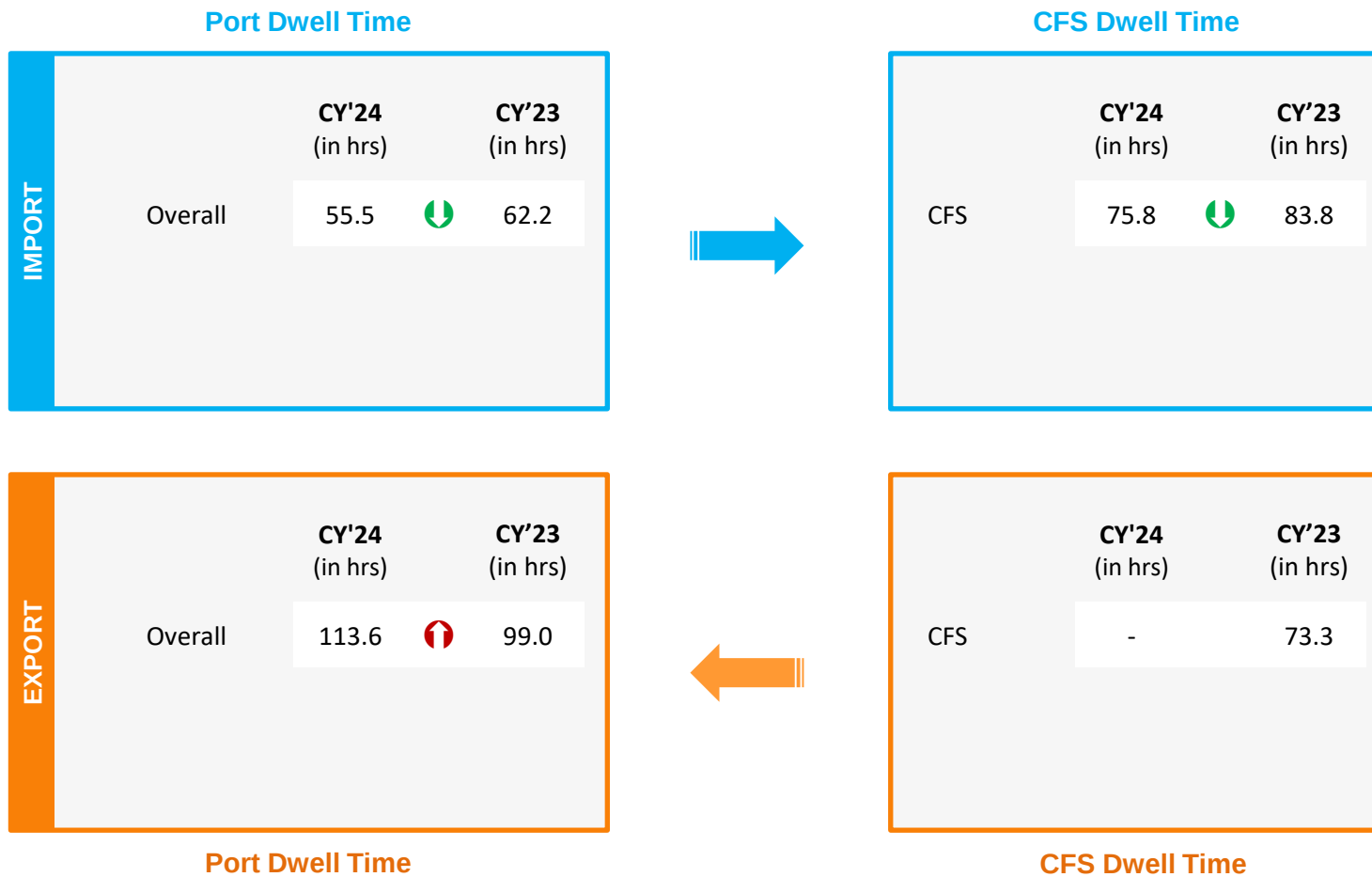
The analysis showcases waiting time of containers at parking plaza:

Parking Plaza Dwell Time (Gate In – Gate Out)	CY'24 (in hrs)
Adani Parking Yard No.1	1.4

Container Count Percentage: Hour-wise (CY'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	65%	15%	10%	8%	1%	1%

Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)



Indicates decrease/ increase in dwell time from last year

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT			
		CY'24 (in hrs)	CY'23 (in hrs)
	Overall	36.8	33.7

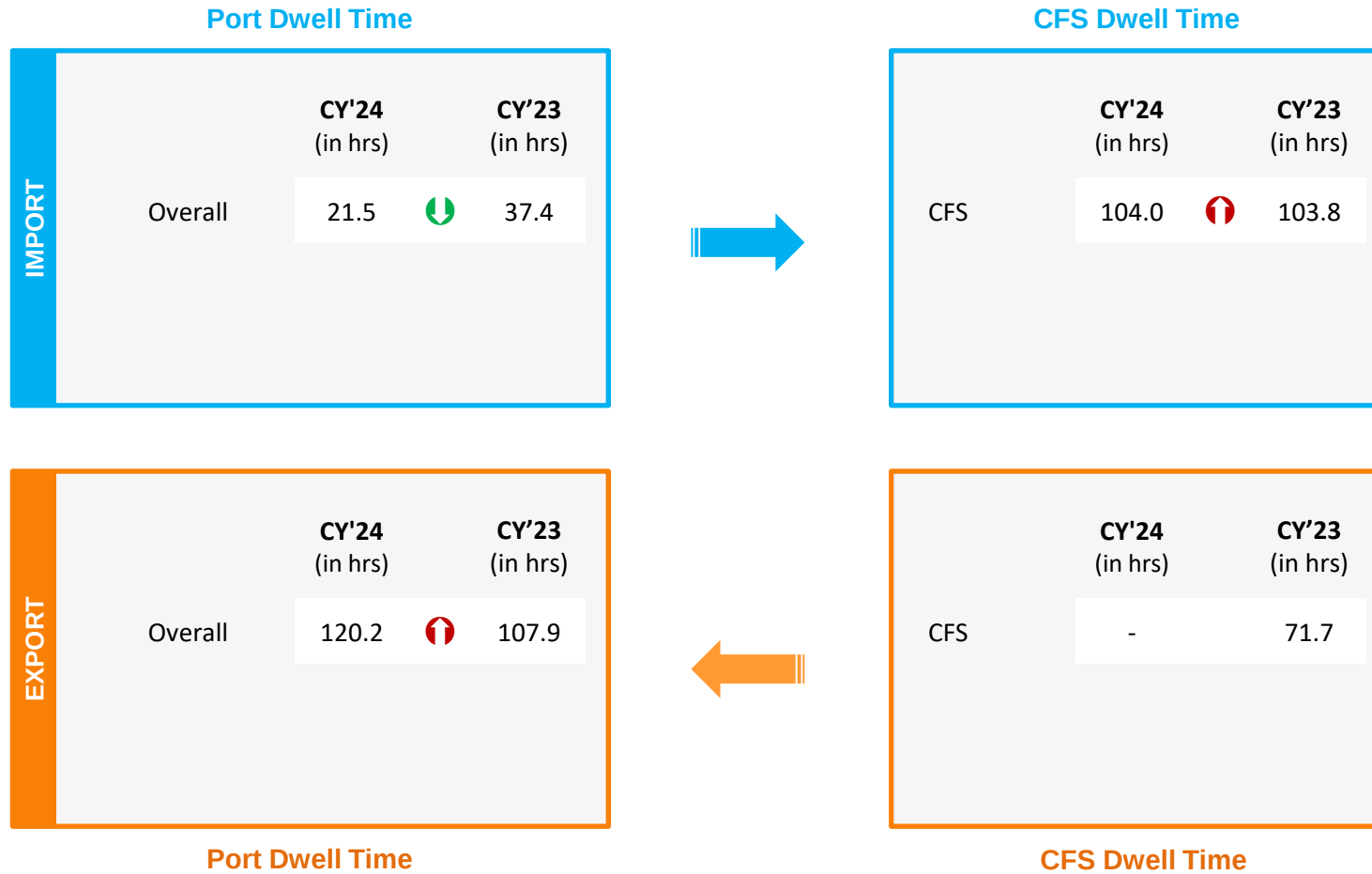
EXPORT			
		CY'24 (in hrs)	CY'23 (in hrs)
	Overall	85.3	91.5

Port Dwell Time

Container Lifecycle (Export Cycle)

  Indicates decrease/ increase in dwell time from last year

Container Lifecycle (Import Cycle)



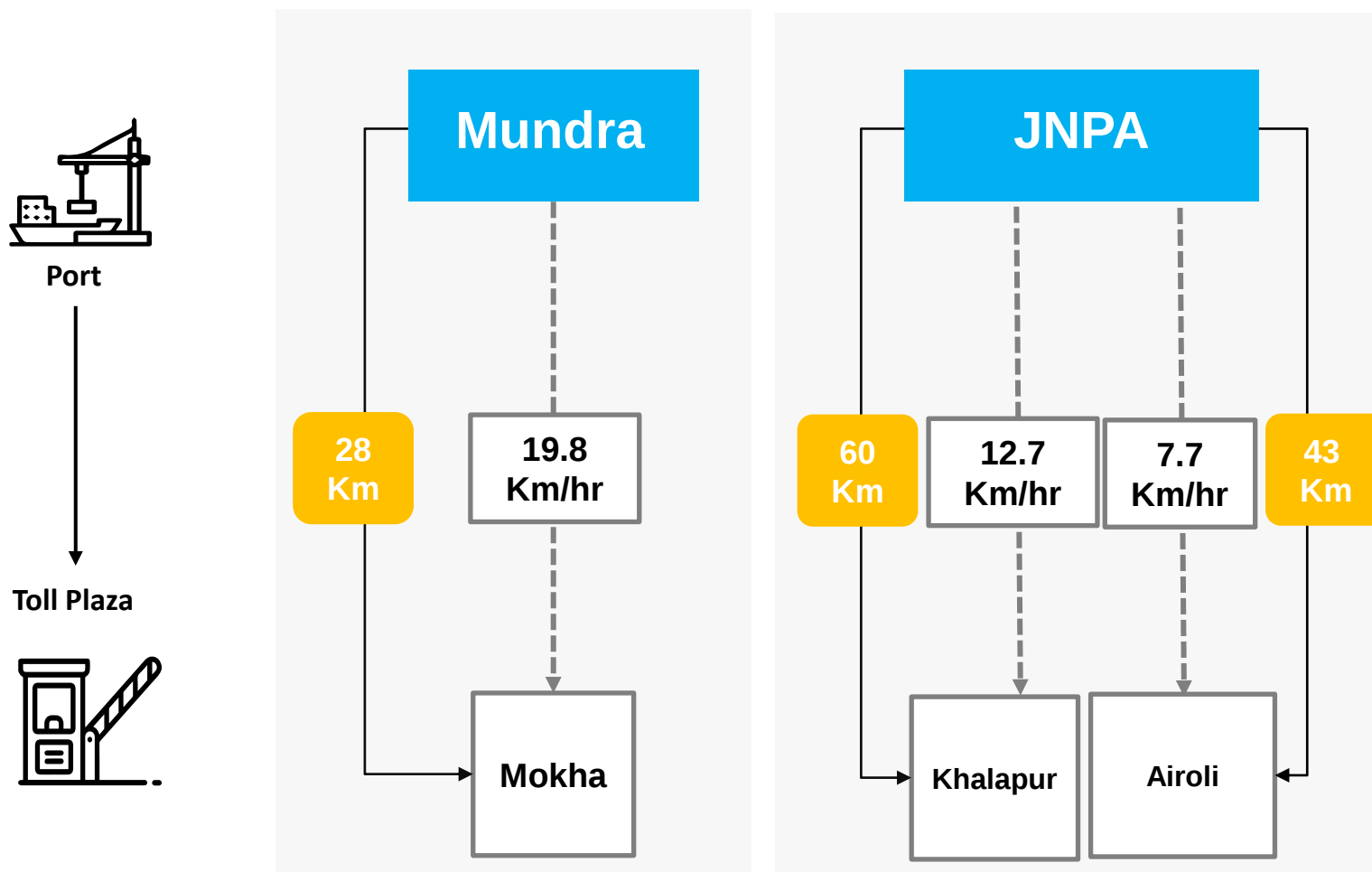
Container Lifecycle (Export Cycle)



 Indicates decrease/ increase in dwell time from last year

Port to Toll Plaza Transit Analysis: Western Region

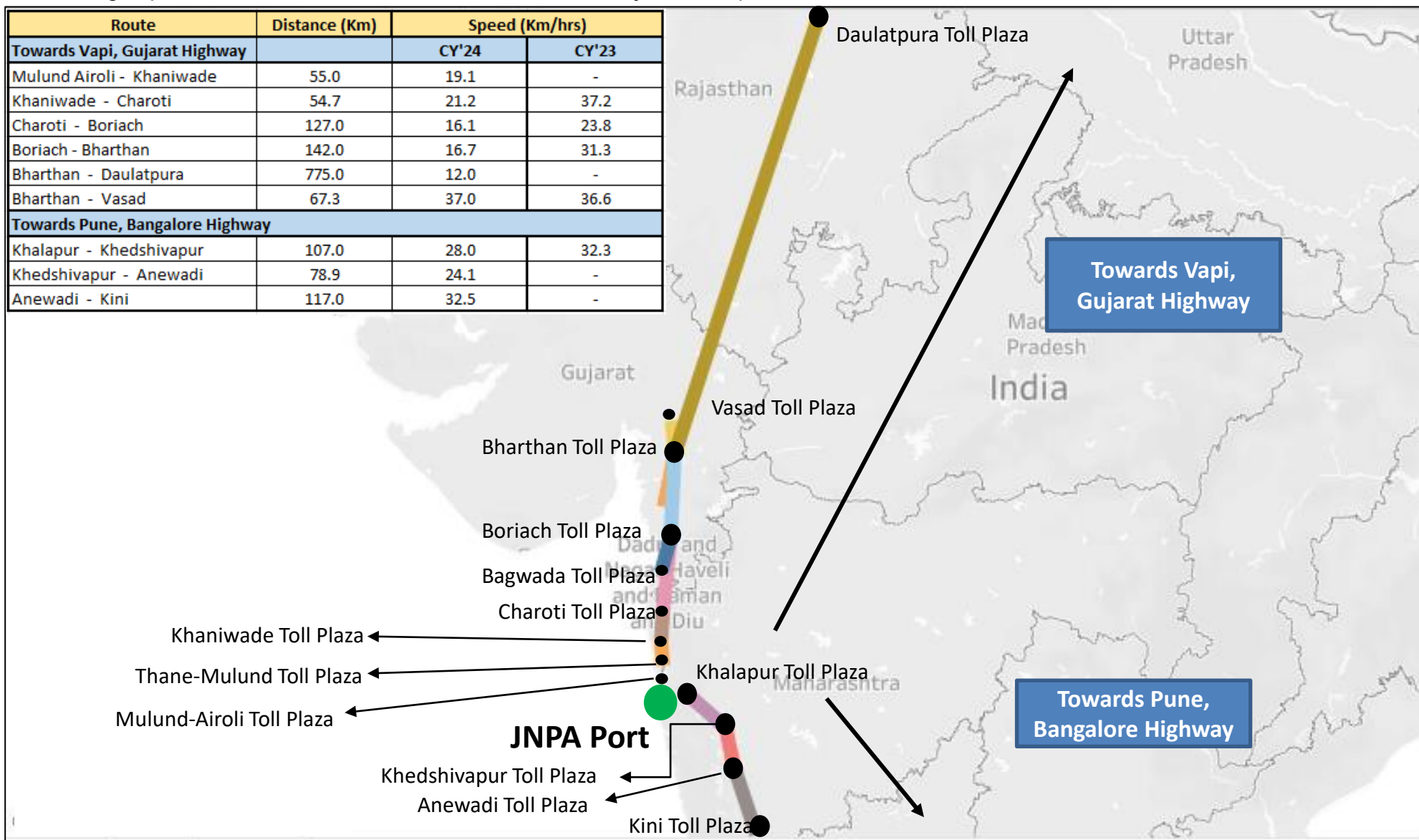
Average speed of trucks to cover the distance between port to nearest toll plaza for CY'24:



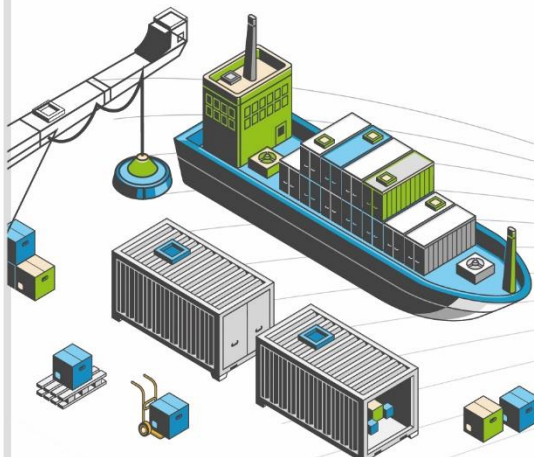
Toll Plaza Analysis: JNPA Port

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

Route	Distance (Km)	Speed (Km/hrs)	
Towards Vapi, Gujarat Highway		CY'24	CY'23
Mulund Airoli - Khaniwade	55.0	19.1	-
Khaniwade - Charoti	54.7	21.2	37.2
Charoti - Boriach	127.0	16.1	23.8
Boriach - Bharthan	142.0	16.7	31.3
Bharthan - Daulatpura	775.0	12.0	-
Bharthan - Vasad	67.3	37.0	36.6
Towards Pune, Bangalore Highway			
Khalapur - Khedshivapur	107.0	28.0	32.3
Khedshivapur - Anewadi	78.9	24.1	-
Anewadi - Kini	117.0	32.5	-

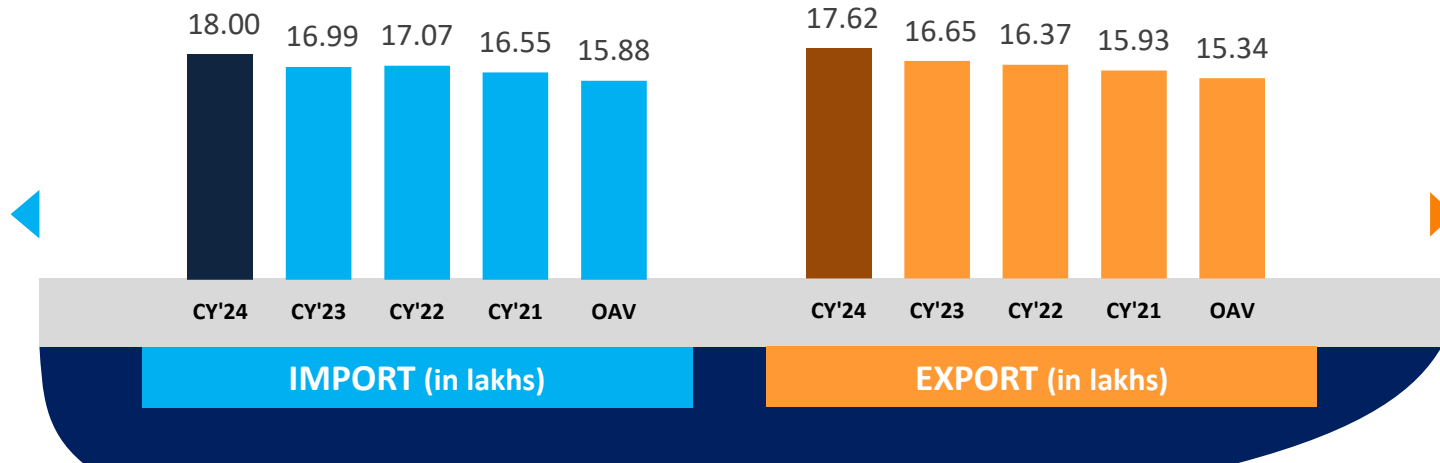


SOUTHERN REGION PERFORMANCE

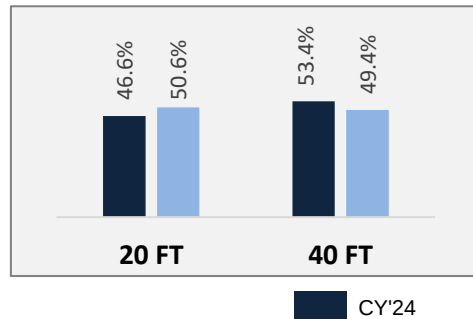


Container Volume (TEUs): Southern Region

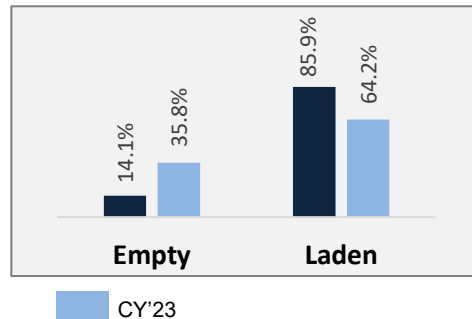
Southern Region



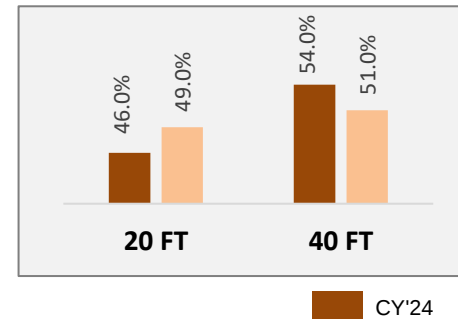
Container Size-wise (Import)



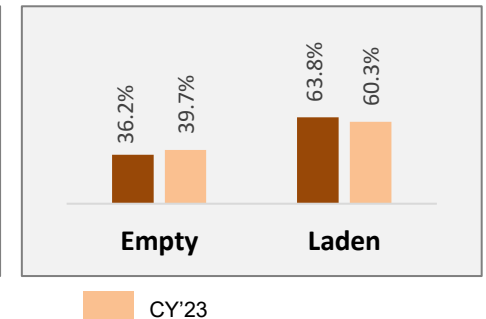
Container Type-wise (Import)



Container Size-wise (Export)



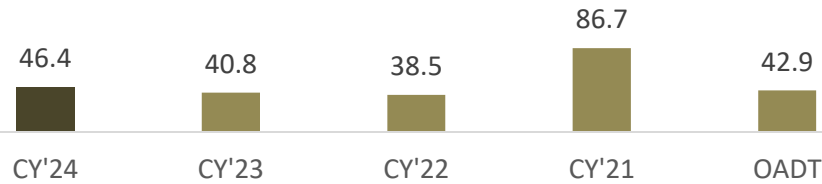
Container Type-wise (Export)



OAV – Overall Avg Volume

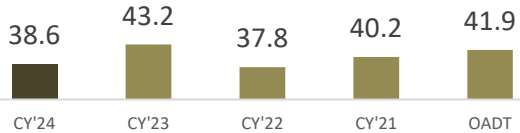
Dwell Time Performance: Southern Region Import Cycle

Southern Region

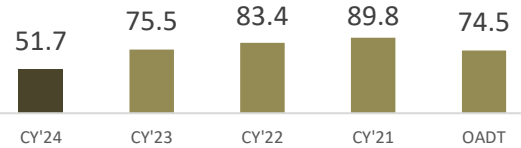


PAN India
Import Dwell Time
31.4 Hrs.
(CY'24)

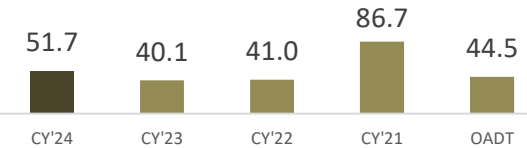
Kochi



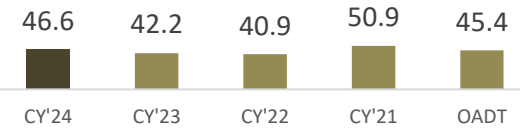
New Mangalore



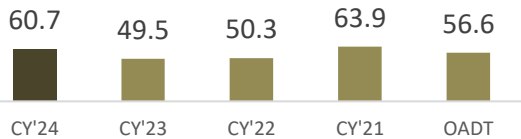
Ennore



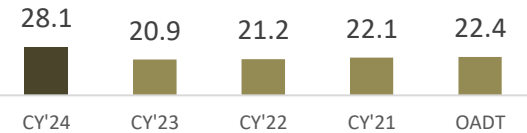
Chennai



Kattupalli

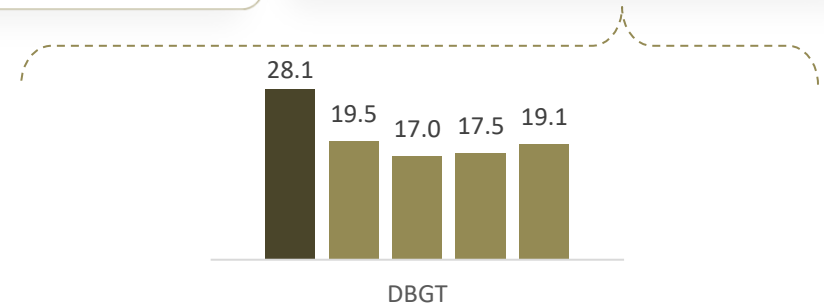
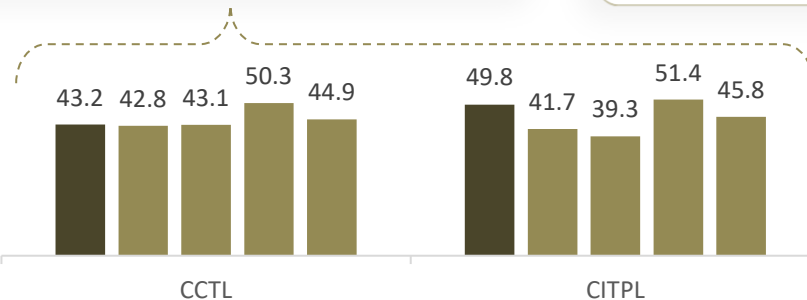


Tuticorin



Ports

Terminals



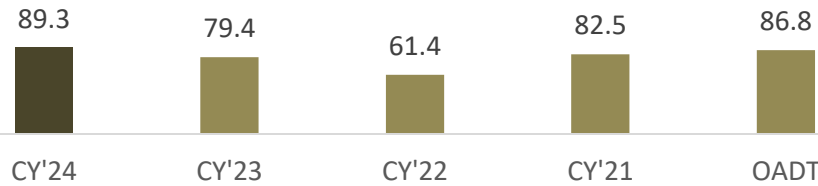
OADT – Overall Avg Dwell Time

Note:

- Current year New Mangalore dwell time does not include the free time at the port from May'24 onwards
- All values are in hours

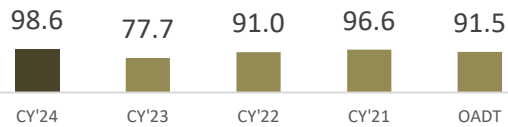
Dwell Time Performance: Southern Region Export Cycle

Southern Region

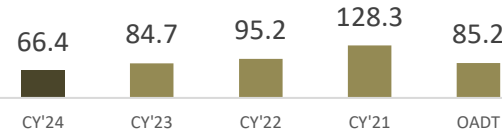


**PAN India
Export Dwell Time**
92.3 Hrs.
(CY'24)

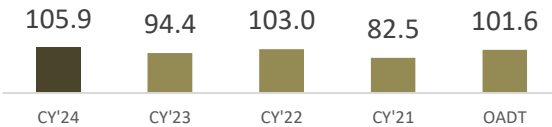
Kochi



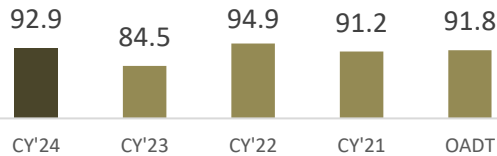
New Mangalore



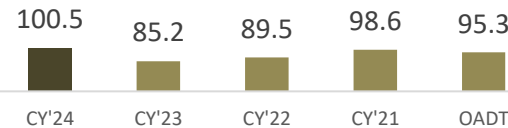
Ennore



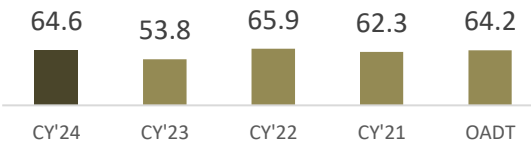
Chennai



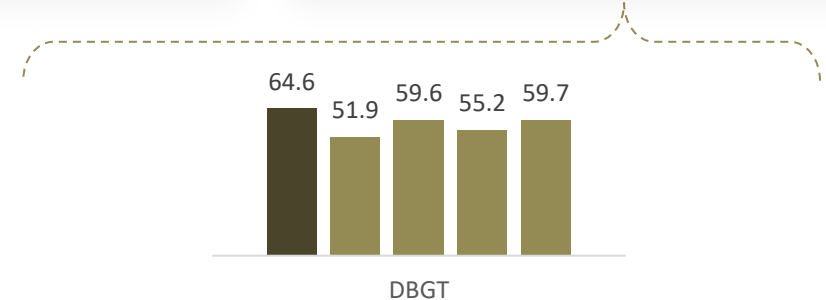
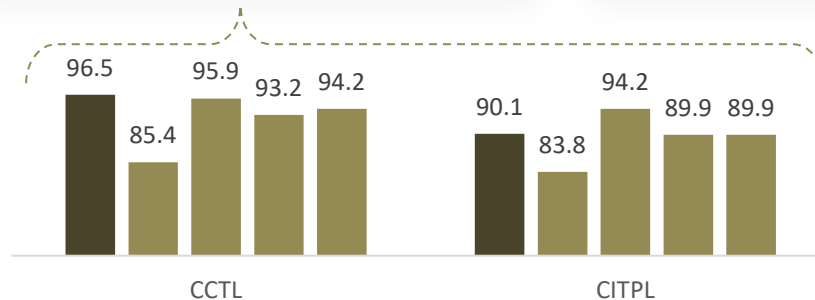
Kattupalli



Tuticorin



Terminals



OADT – Overall Avg Dwell Time

Note:

- Current year New Mangalore dwell time does not include the free time at the port from May'24 onwards
- All values are in hours

EXPORT

Container Turnaround Analysis: Southern Region

Container turnaround analysis showcases the percentage of container volume (TEUs) 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.

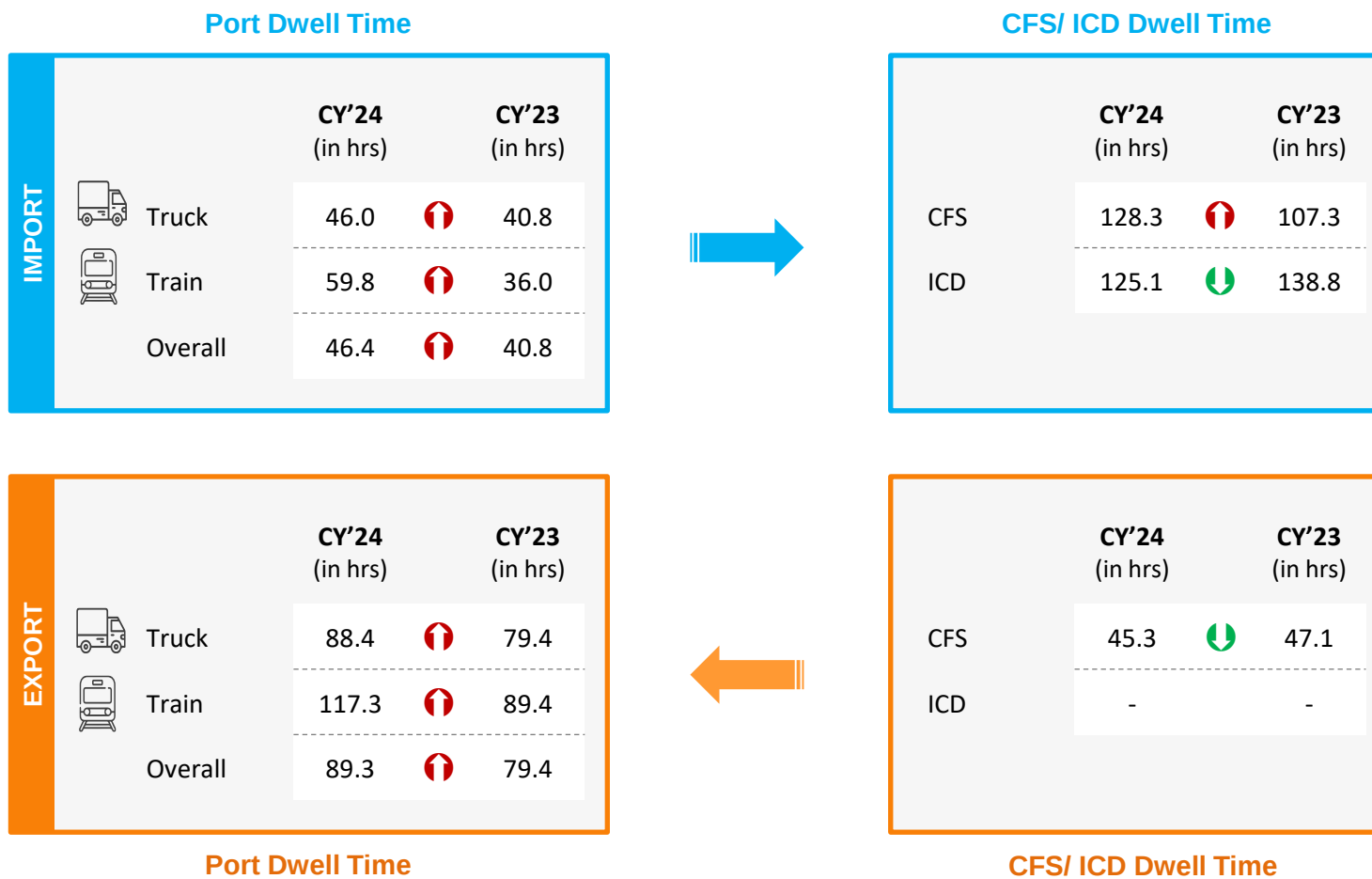
Port In (Import Cycle)	Port Out (Export Cycle)	Container Volume (TEUs) Handled (in Percentage)		Turnaround Time (in Days)	
		CY'24	CY'23	CY'24	CY'23
Kochi	Kochi	100%	100%	24.1	25.7
	Other Ports	-	-	-	-
Ennore	Ennore	91%	93%	24.2	23.8
	Other Ports	9%	7%	30.5	31.4
Tuticorin	Tuticorin	100%	100%	24.9	25.9
	Other Ports	-	-	-	-
Chennai	Chennai	77%	75%	25.9	23.2
	Kattupalli	19%	22%	26.3	23.6
	Other Ports	4%	3%	34.7	33.9
Kattupalli	Kattupalli	63%	67%	30.0	27.8
	Chennai	32%	31%	28.1	25.3
	Other Ports	5%	2%	33.5	41.7

Container Turnaround Analysis: Chennai Port

Container turnaround analysis showcases the percentage of container volume (TEUs) 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)	Container Volume (TEUs) Handled (in Percentage)		Turnaround Time (in Days)	
		CY'24	CY'23	CY'24	CY'23
CCTL	CCTL	68%	69%	26.1	23.4
	CITPL	32%	31%	25.1	21.2
CITPL	CITPL	66%	65%	26.3	24.4
	CCTL	34%	35%	25.4	22.3

Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)

Port Performance Benchmarking: Southern Region

Performance benchmarking of terminals based on dwell time vis-à-vis container volume (TEUs) handled:



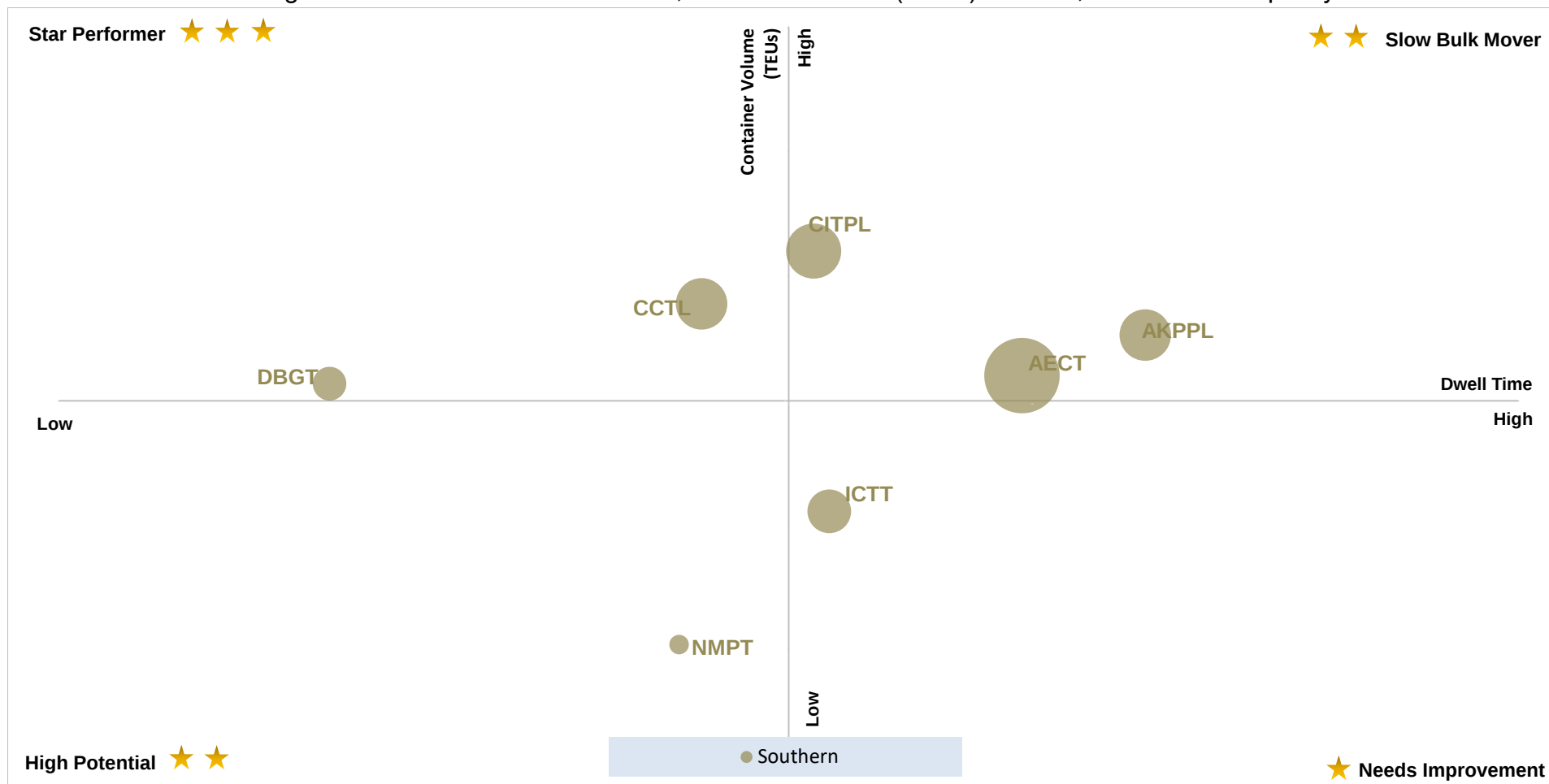
Abb.	Name of Terminal
A	Chennai Container Terminal Pvt. Ltd. (CCTL)
B	Chennai International Terminals Pvt Ltd (CITPL)
C	Dakshin Bharat Gateway Terminal (DBGT)
D	International Container Transshipment Terminal, Kochi
E	Adani Kattupalli Port Private Limited (AKPPL)
F	PSA SICAL Terminals
G	Mangalore Container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

X-Axis: Dwell Time
Threshold Value (in hours): 65.3

Y-Axis: Container Volume (TEUs)
Threshold Value (in TEUs): 5,08,906

Performance Benchmarking: Southern Region

Performance benchmarking of terminals based on dwell time, container volume (TEUs) handled, and terminal capacity for CY'24:



X-Axis: Dwell Time

Threshold Value (in hours): 65.3

Star Performer ★ ★ ★

Entities with high container volume (TEUs) and low dwell time

High Potential ★ ★

Entities with low container volume (TEUs) and low dwell time

Slow Bulk Movers ★ ★

Entities with high container volume (TEUs) and high dwell time

Y-Axis: Container Volume (TEUs)

Threshold Value (in TEUs): 5,08,906

Needs Improvement ★

Entities with low container volume (TEUs) and high dwell time

○ Bubble size represents the terminal capacity

Note: Terminal abbreviation details are mentioned in annexure

Port Performance Benchmarking (Previous year comparison): Southern Region

Performance benchmarking of terminals based on the change from previous year in dwell time vis-a-vis container volume (TEUs) handled:



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

X-Axis: Change in dwell time

Y-Axis: Change in Container Volume (TEUs)

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

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



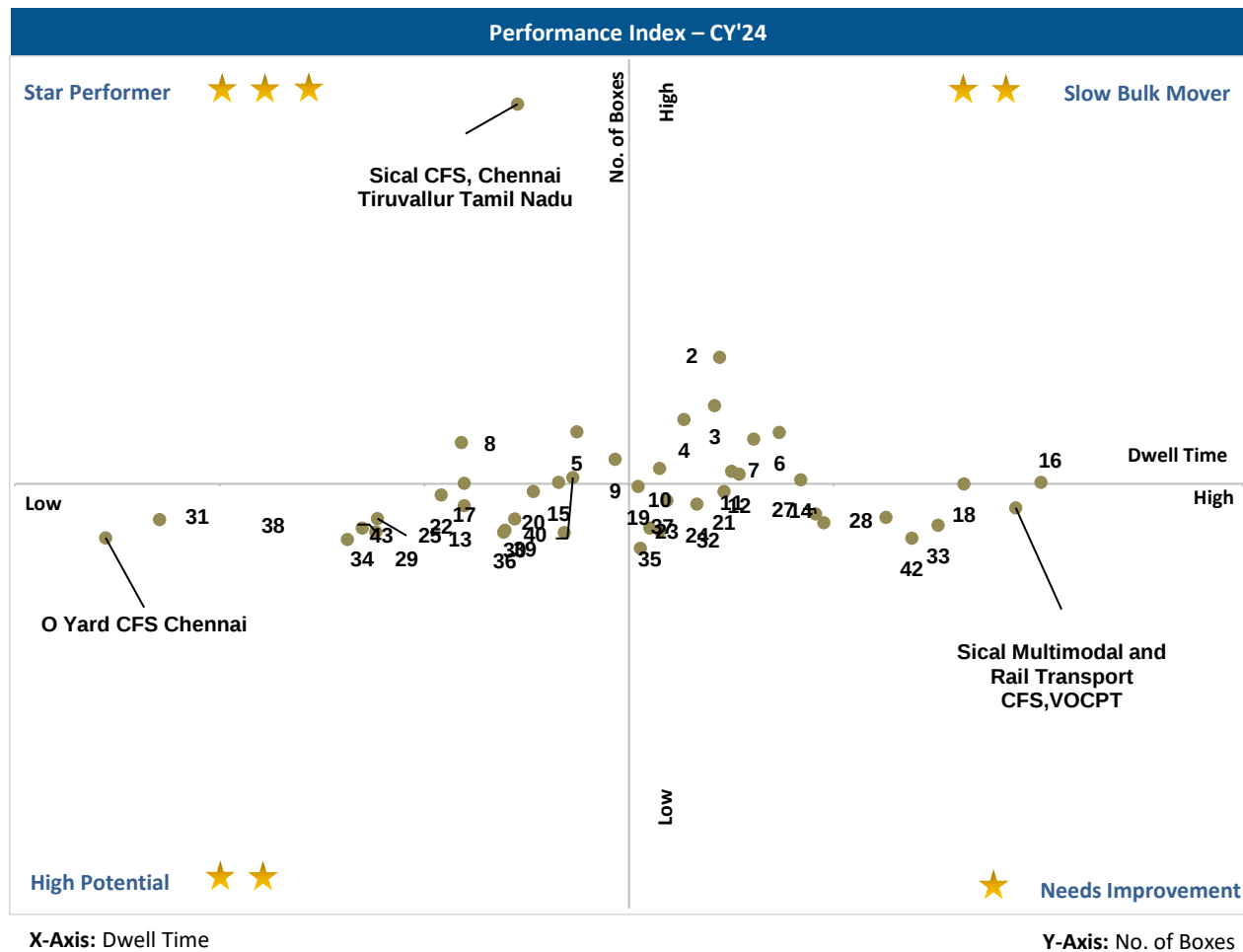
Abb.	Name of Terminal
A	Chennai Container Terminal Pvt. Ltd. (CCTL)
B	Chennai International Terminals Pvt Ltd (CITPL)
C	Dakshin Bharat Gateway Terminal (DBGT)
D	International Container Transshipment Terminal, Kochi
E	Adani Kattupalli Port Private Limited (AKPPL)
F	PSA SICAL Terminals
G	Mangalore Container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

X-Axis: Dwell Time

Y-Axis: TEU Capacity

CFS Performance Benchmarking: Southern Region

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



Note:

Please refer annexure for CFS names

Port Dwell Time

Transit Time

CFS Dwell Time

CY'24CY'24

Port Dwell Time

Transit Time

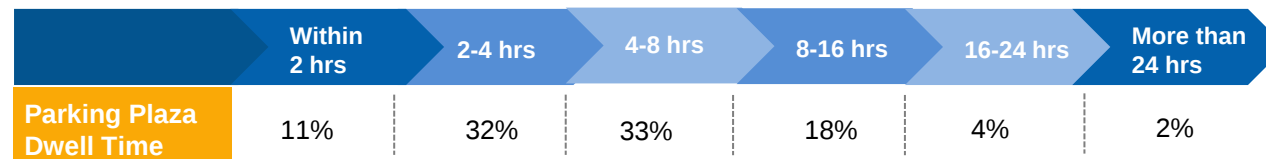
CFS Dwell Time

Parking Plaza Analysis: Chennai Port

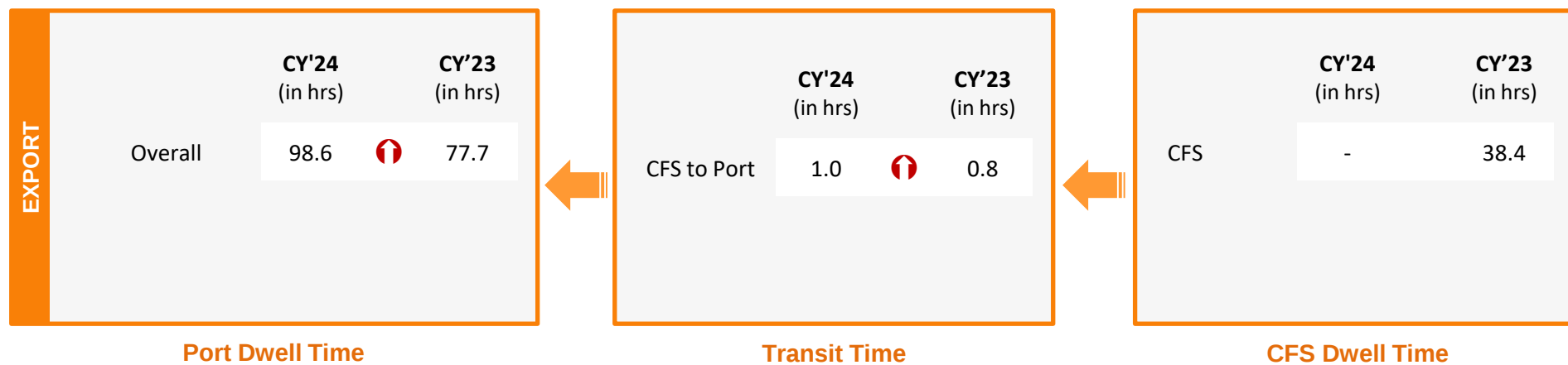
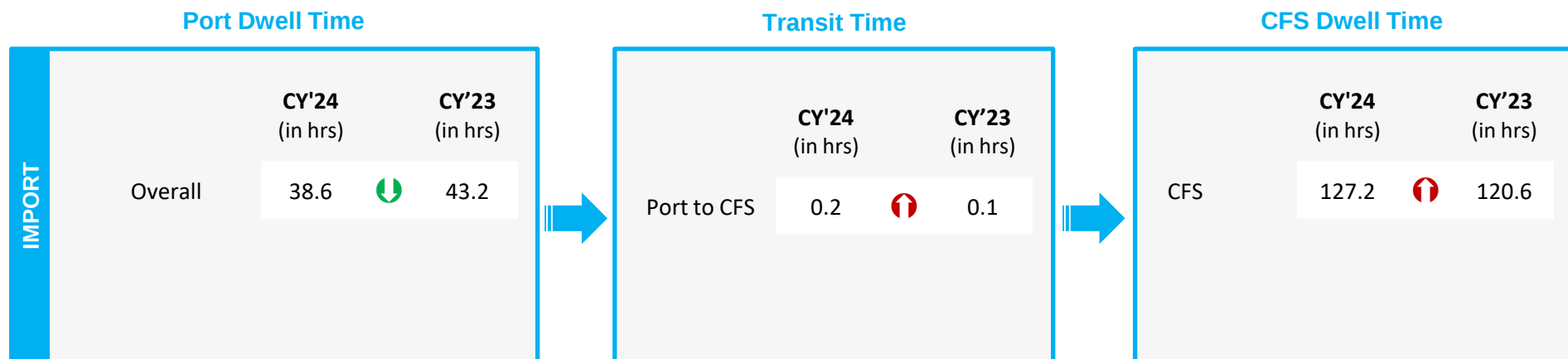
The analysis showcases the waiting time of containers at parking plaza:

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

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



Container Lifecycle (Import Cycle)

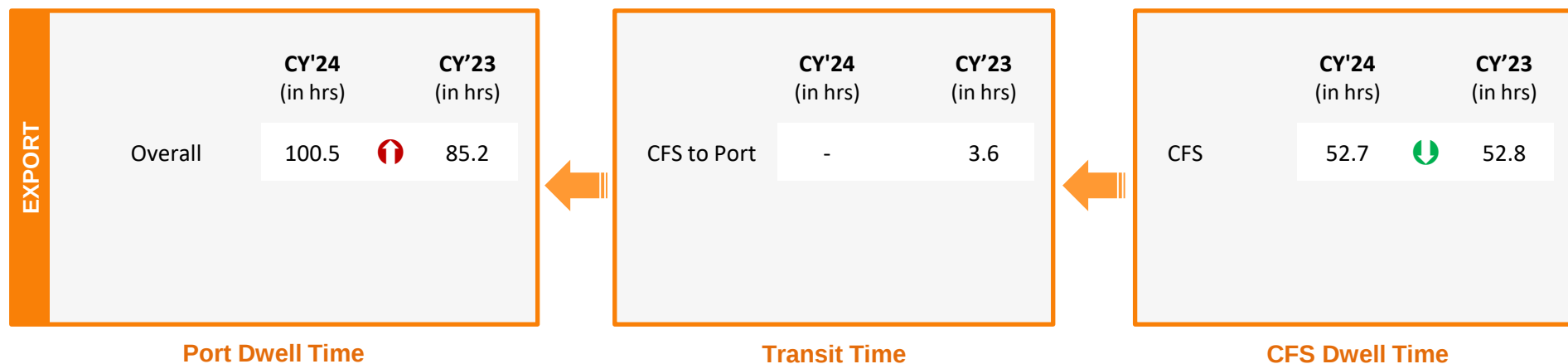
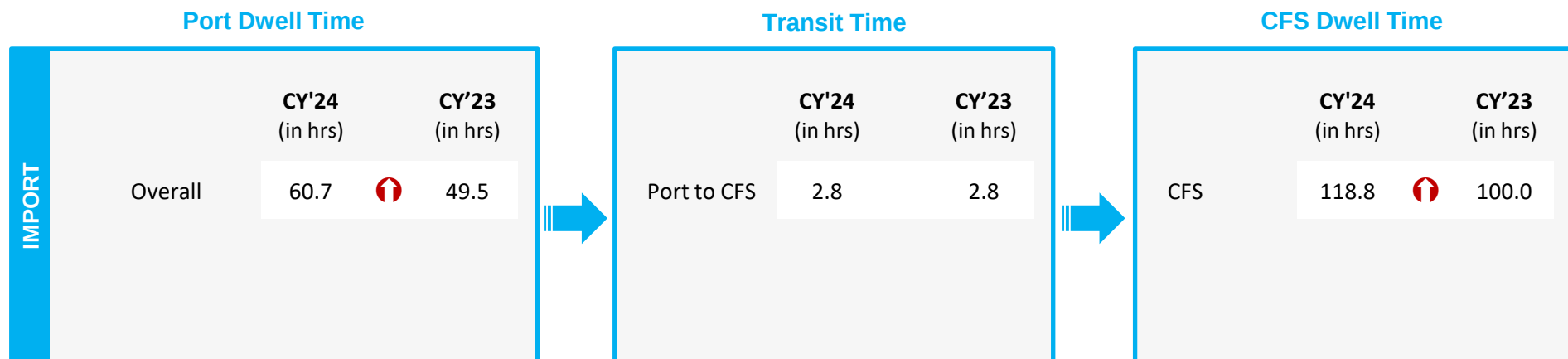


Container Lifecycle (Export Cycle)



 Indicates decrease/ increase in time from last year

Container Lifecycle (Import Cycle)

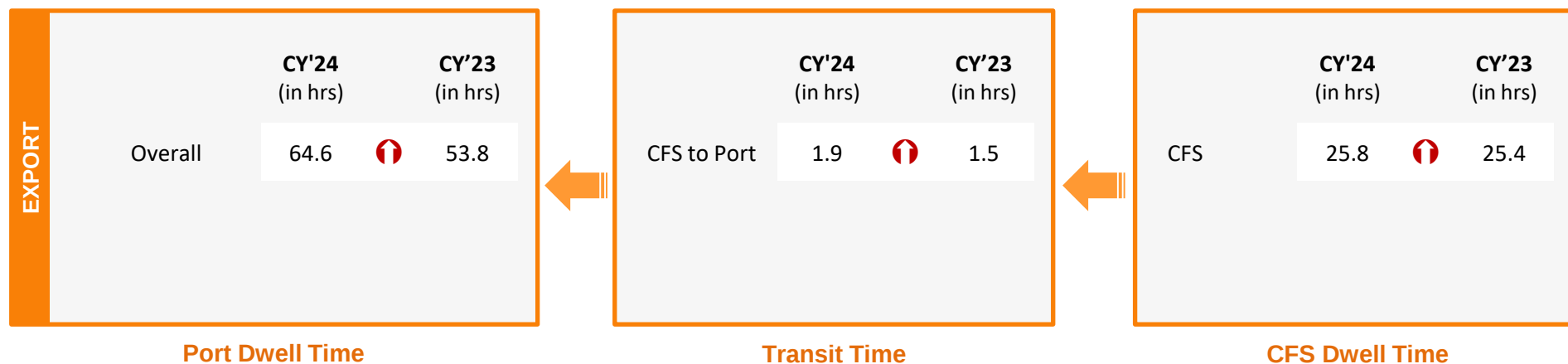
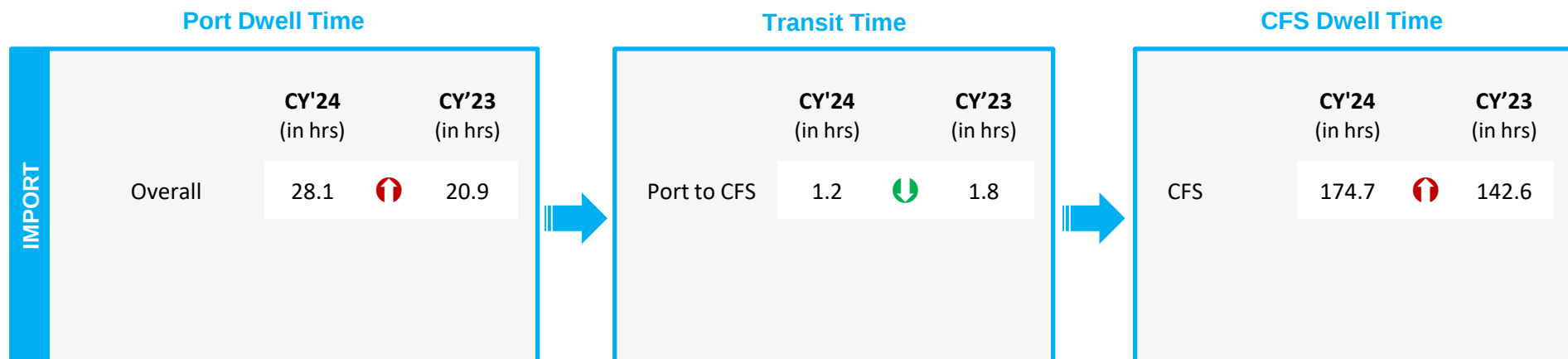


Container Lifecycle (Export Cycle)



 Indicates decrease/ increase in time from last year

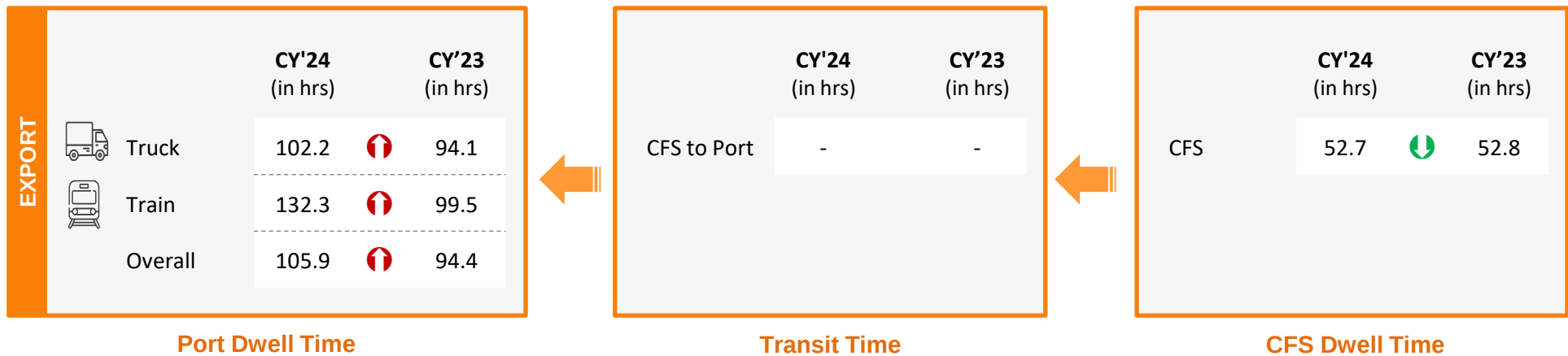
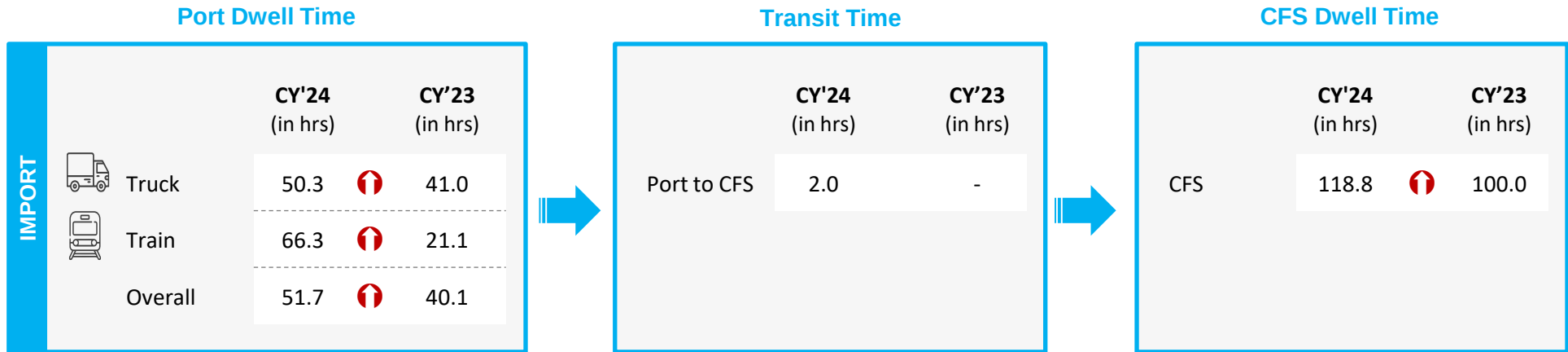
Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)

Indicates decrease/ increase in time from last year

Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)



 Indicates decrease/ increase in time from last year

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT		CY'24 (in hrs)		CY'23 (in hrs)
	Overall	51.7*	↓	75.5

EXPORT		CY'24 (in hrs)		CY'23 (in hrs)
	Overall	66.4*	↓	84.7

Port Dwell Time

Container Lifecycle (Export Cycle)

*Current year New Mangalore dwell time does not include the free time at the port from May'24 onwards



Indicates decrease/ increase in time
from last year

Port to Toll Plaza Analysis: Southern Region

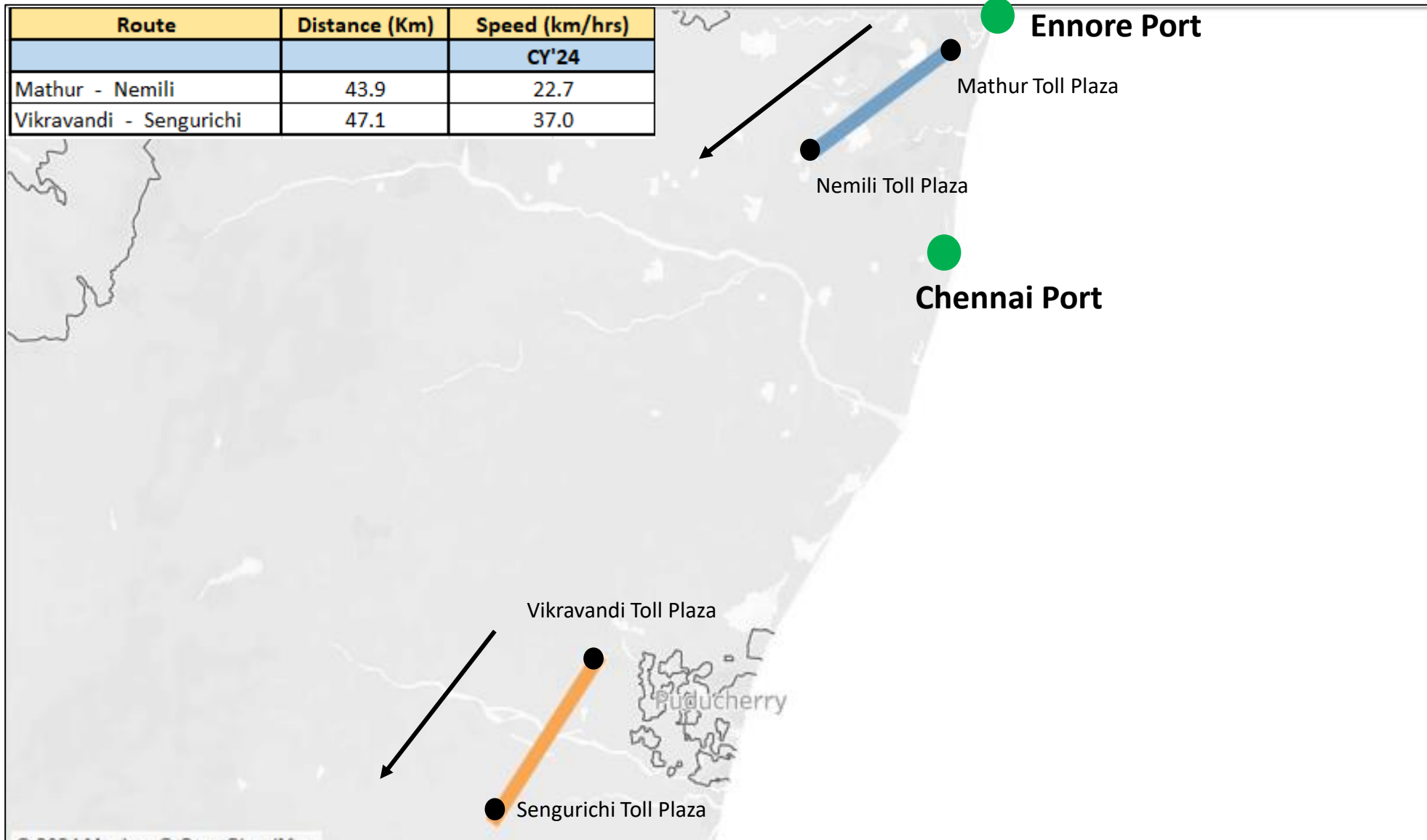
Below table depicts the average speed of a truck to cover the distance between the port and nearest toll plaza:

Region	Port	Adjacent Toll plaza	Distance (in Km)	Average Speed (in Km/ hr)
				CY' 24
Southern	Kochi	Ponnarimangalam	5	17.6
	New Mangalore	Brahamarakotlu	25	24.6
	New Mangalore	Gundmi	69	14.6
	New Mangalore	Talapady	23	20.9
	Chennai	Mathur	25	13.2
	Kattupalli	Mathur	28	15.4
	Ennore	Mathur	21	-
	Tuticorin	Pudurpandiyapuram	29	41.4

Toll Plaza Analysis: Chennai and Ennore Port

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

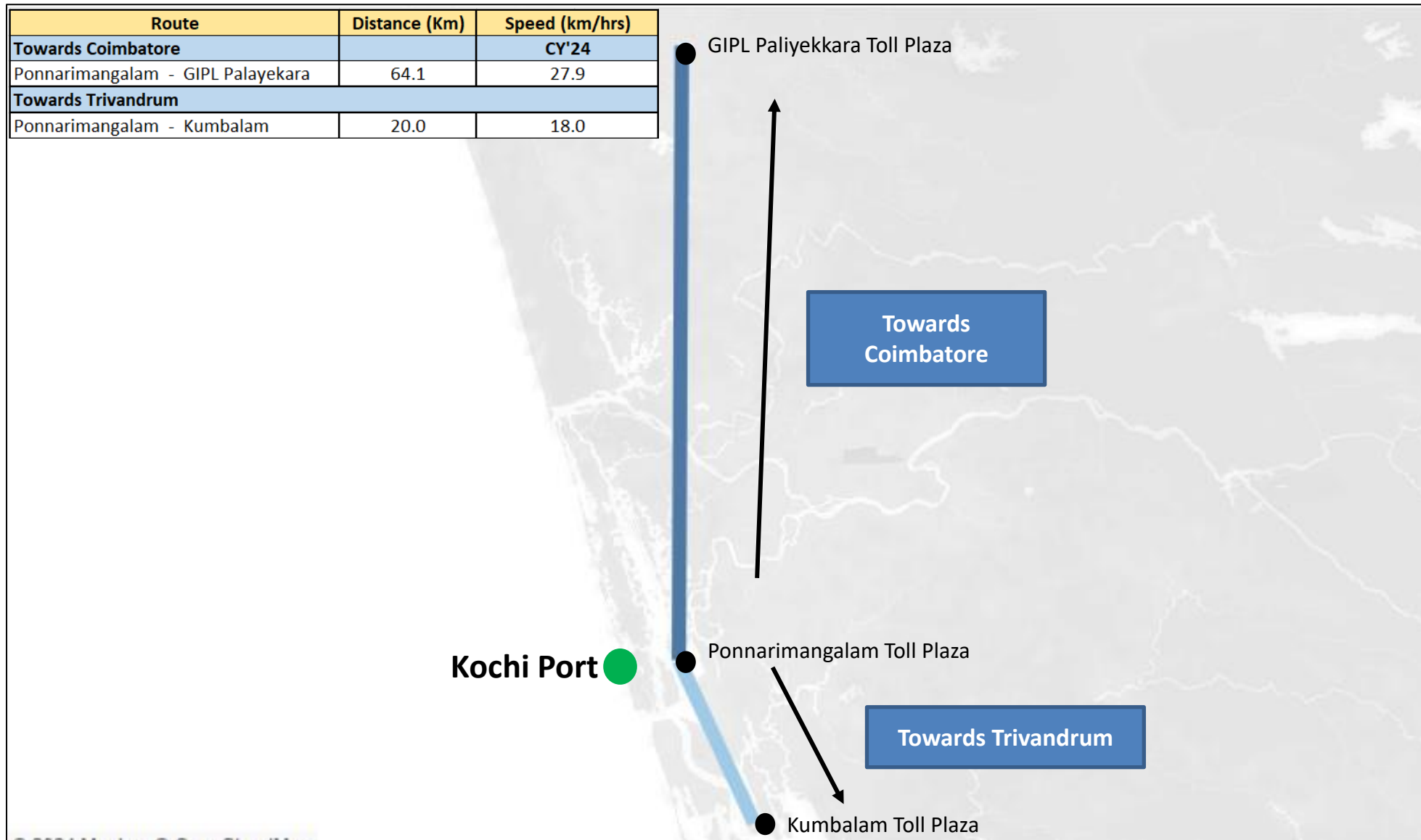
Route	Distance (Km)	Speed (km/hrs)
		CY'24
Mathur - Nemili	43.9	22.7
Vikravandi - Sengurichi	47.1	37.0



Toll Plaza Analysis: Kochi Port

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

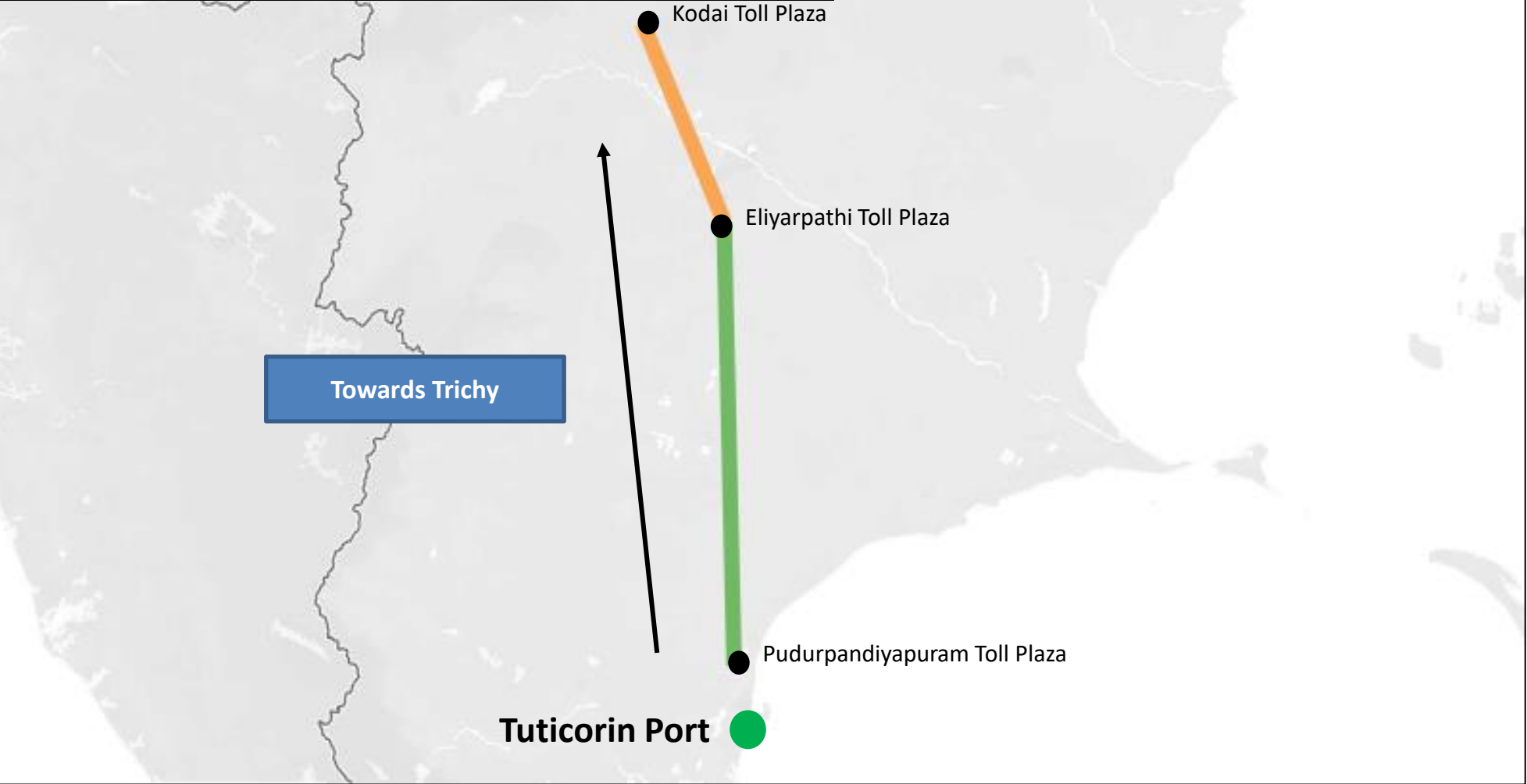
Route	Distance (Km)	Speed (km/hrs)
Towards Coimbatore		CY'24
Ponnarimangalam - GIPL Palayekara	64.1	27.9
Towards Trivandrum		
Ponnarimangalam - Kumbalam	20.0	18.0



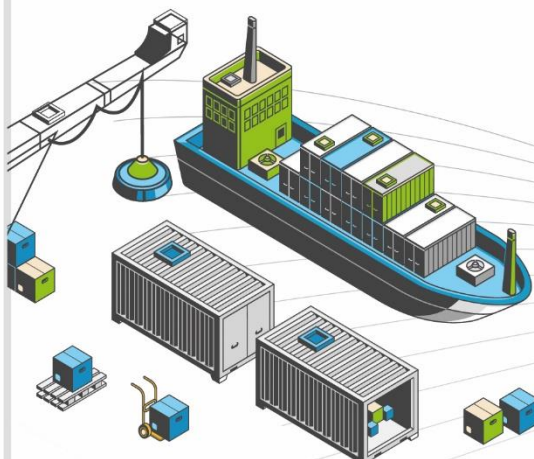
Toll Plaza Analysis: Tuticorin Port

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

Route	Distance (Km)	Speed (km/hrs)
Towards Trichy		CY'24
Pudurpandiyapuram - Eliyarpathi	113.0	20.1
Eliyarpathi - Kodai	60.8	37.2

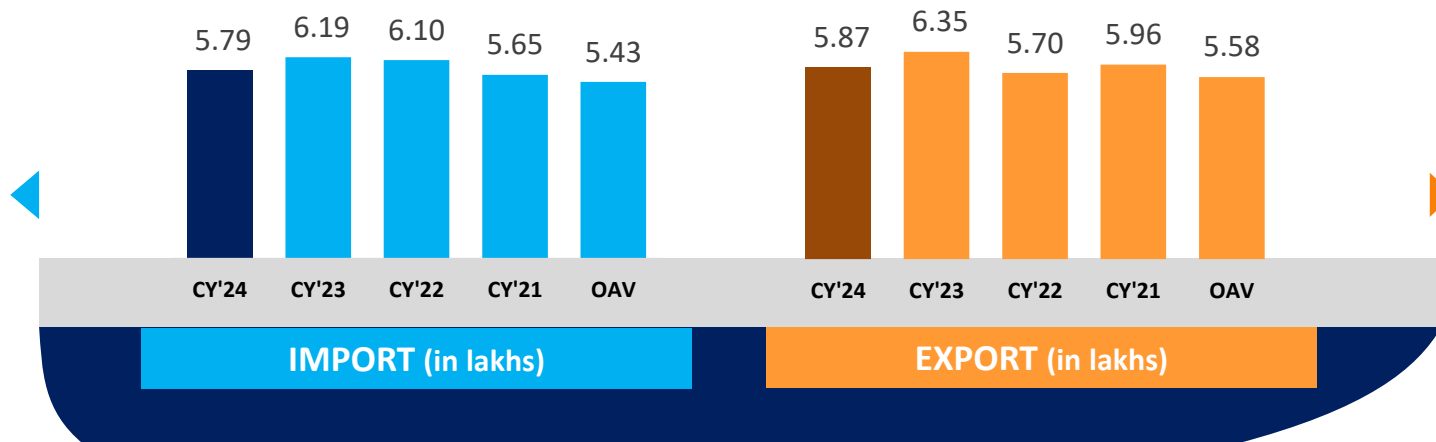


EASTERN REGION PERFORMANCE

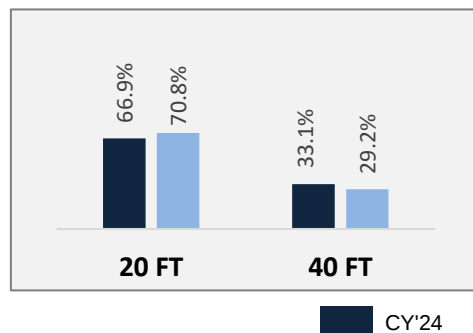


Container Volume (TEUs): Eastern Region

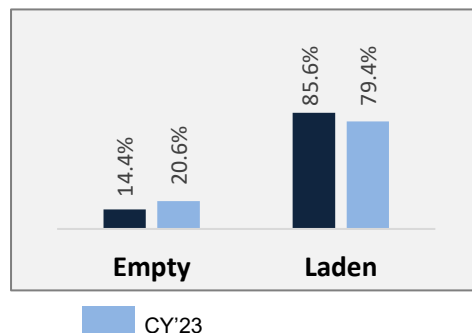
Eastern Region



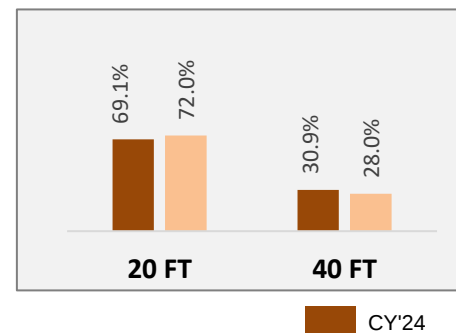
Container Size-wise (Import)



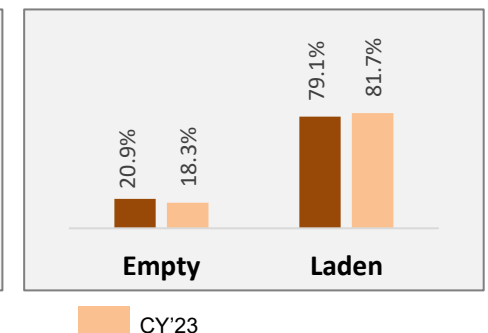
Container Type-wise (Import)



Container Size-wise (Export)



Container Type-wise (Export)



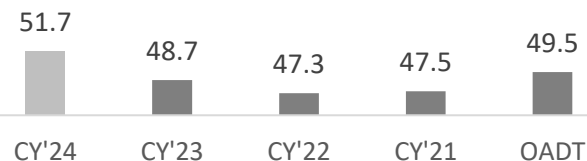
OAV – Overall Avg Volume

Dwell Time Performance: Eastern Region Import and Export Cycle

Eastern Region



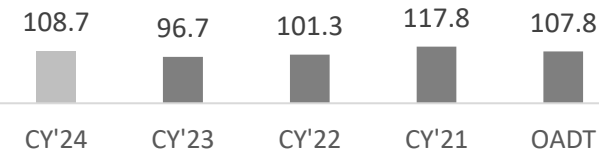
IMPORT



PAN India Import Dwell Time (CY'24)

31.4 Hrs.

EXPORT



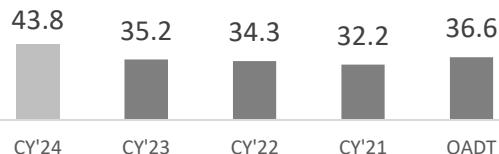
PAN India Export Dwell Time (CY'24)

92.3 Hrs.

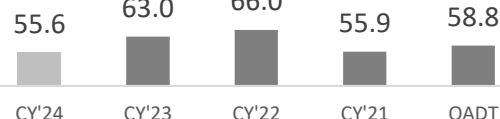
IMPORT

Ports

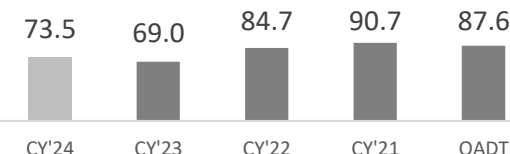
Kolkata



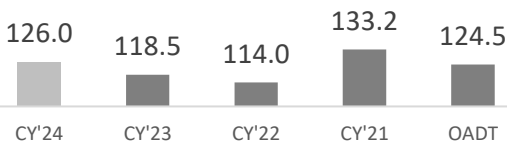
Visakhapatnam



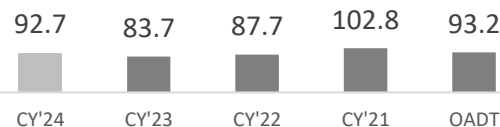
Haldia



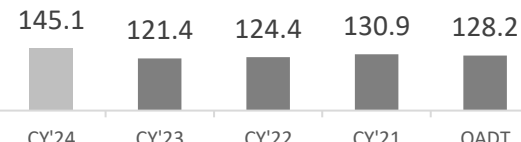
Kolkata



Visakhapatnam



Haldia



OADT – Overall Avg Dwell Time

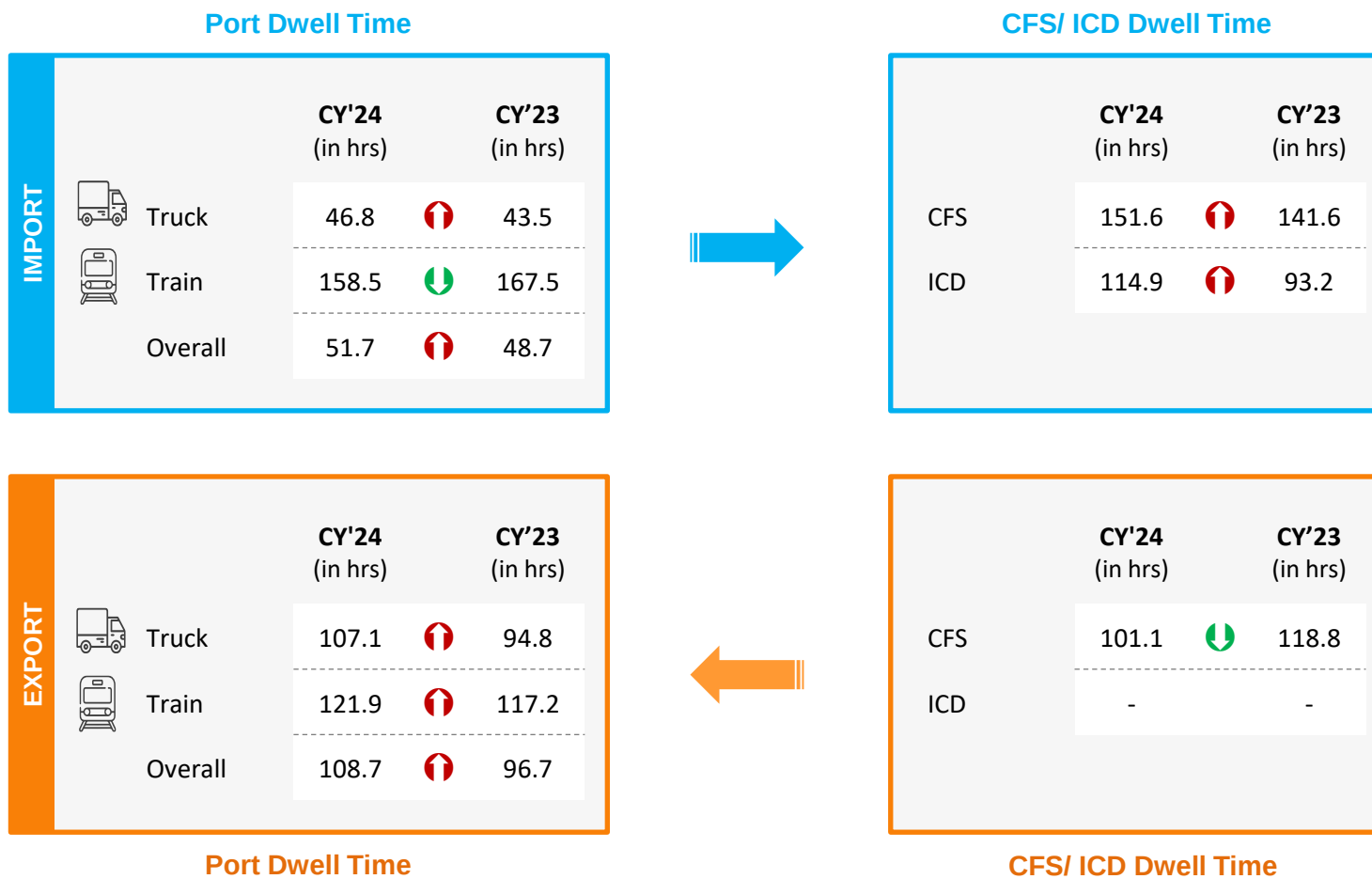
Note:
All values are in hours

Container Turnaround Analysis: Eastern Region

Container turnaround analysis showcases the percentage of container volume (TEUs) 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)	Container Volume (TEUs) Handled (in Percentage)		Turnaround Time (in Days)	
		CY'24	CY'23	CY'24	CY'23
Visakhapatnam	Visakhapatnam	95%	97%	30.9	32.2
	Other Ports	5%	3%	63.1	56.5
Kolkata	Kolkata	92%	97%	35.7	35.1
	Haldia	6%	1%	42.9	48.5
	Other Ports	2%	2%	57.1	53.8
Haldia	Haldia	76%	82%	35.0	38.0
	Kolkata	24%	18%	44.1	41.1
	Other Ports	-	-	-	-

Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)



 Indicates decrease/ increase in dwell time from last year

Port Performance Benchmarking: Eastern Region

Performance benchmarking of terminals based on dwell time vis-à-vis container volume (TEUs) handled:

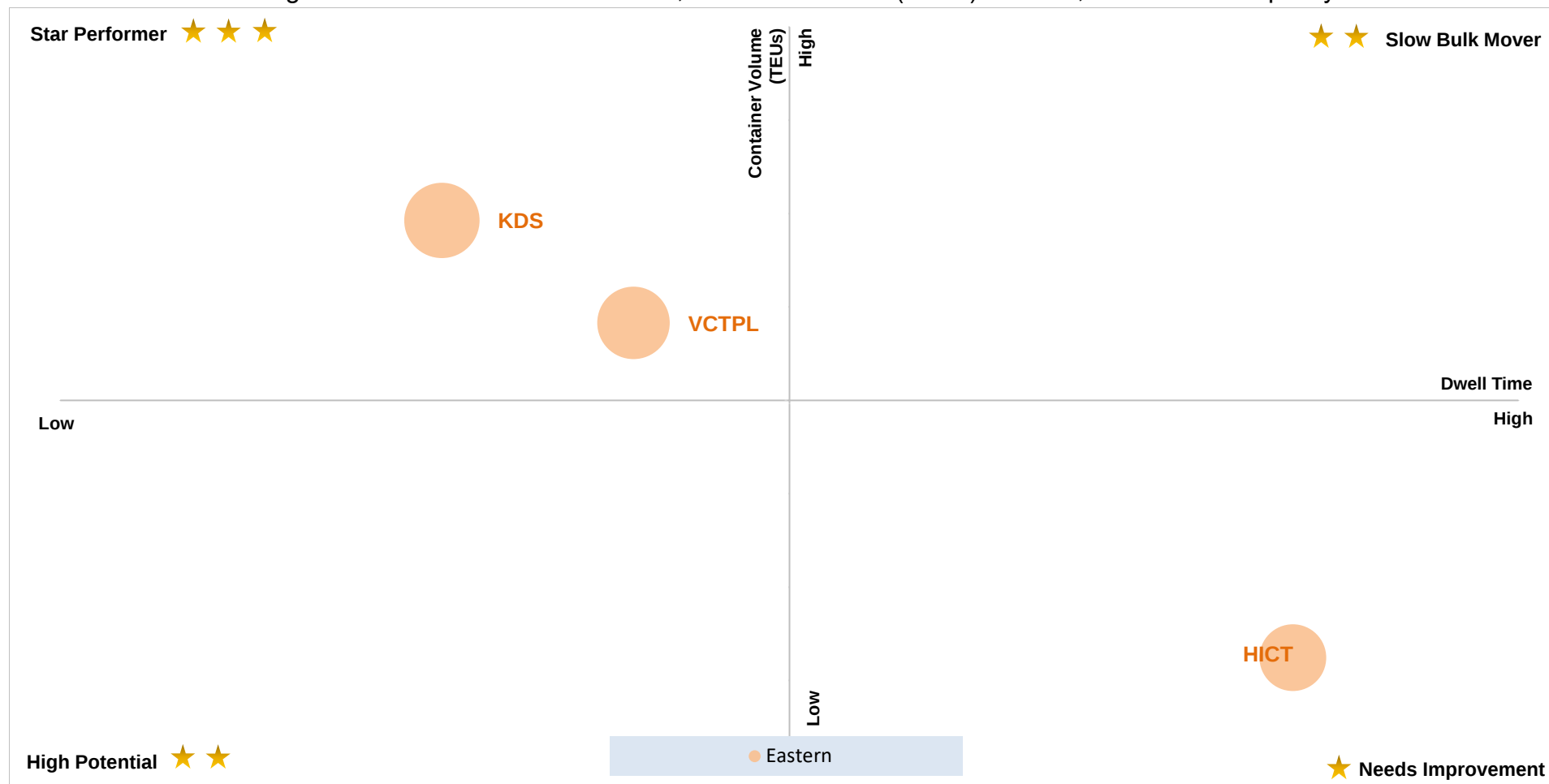


Abb.	Name of Terminal
A	Haldia International Container Terminal (HICT)
B	Kolkata Dock System (KDS) , Kolkata Port
C	Visakha Container Terminal

X-Axis: Dwell Time
Threshold Value (in hours): 80.5

Y-Axis: Container Volume (TEUs)
Threshold Value (in TEUs): 3,84,731

Performance benchmarking of terminals based on dwell time, container volume (TEUs) handled, and terminal capacity for CY'24:



X-Axis: Dwell Time

Threshold Value (in hours): 80.5

Star Performer ★ ★ ★

Entities with high container volume (TEUs)
and low dwell time

High Potential ★ ★

Entities with low container volume (TEUs) and low dwell time

Slow Bulk Movers ★ ★

Entities with high container volume (TEUs) and high dwell time

Y-Axis: Container volume (TEUs)

Threshold Value (in TEUs): 3,84,731

Needs Improvement ★

Entities with low container volume (TEUs)
and high dwell time

○ Bubble size represents the terminal capacity

Terminal abbreviation details are mentioned in annexure

Port Performance Benchmarking (Previous year comparison): Eastern Region

Performance benchmarking of terminals based on the change from previous year in dwell time vis-a-vis container volume (TEUs) handled:



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

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

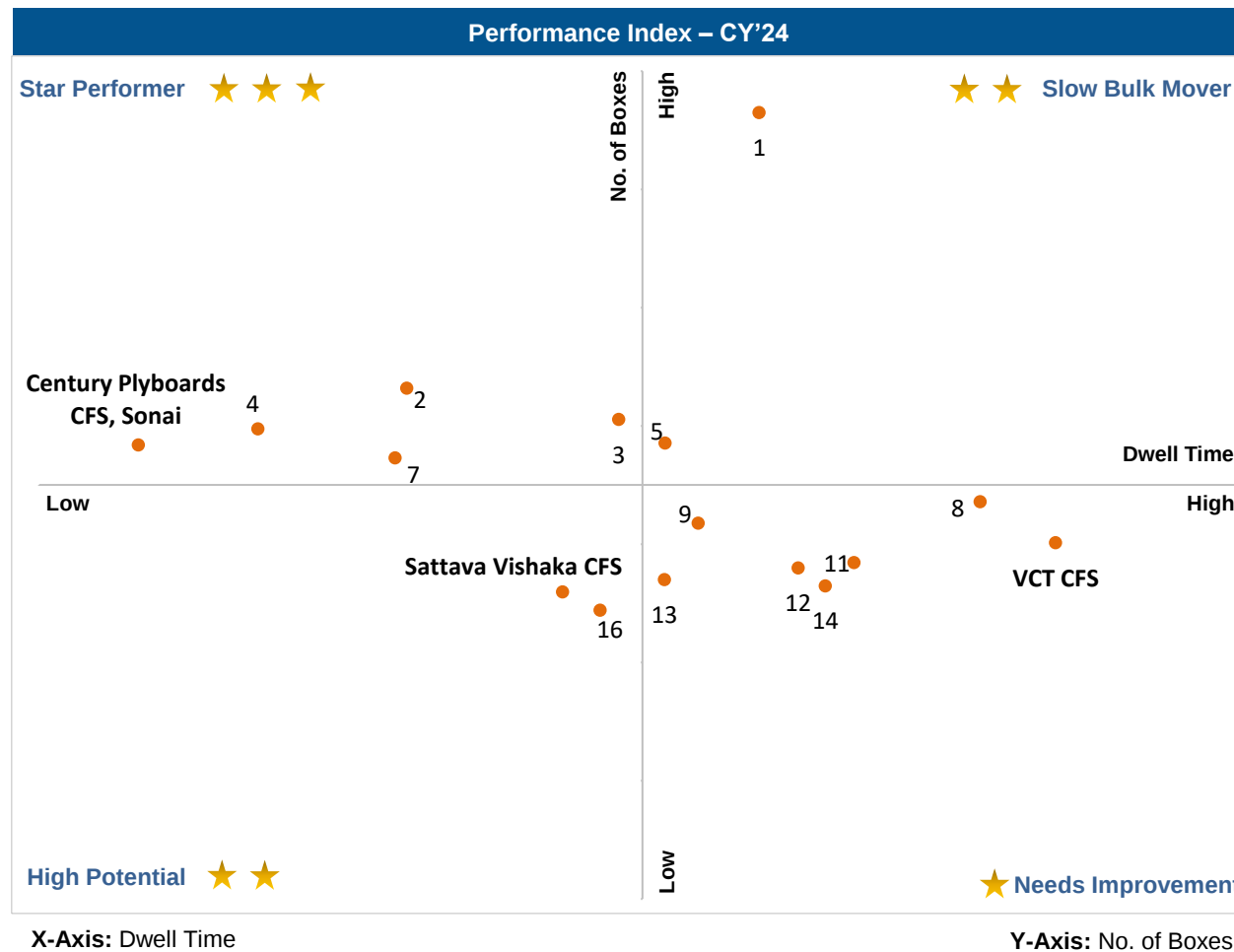
Performance benchmarking of terminals based on dwell time vis-a-vis capacity (in TEU):



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

CFS Performance Benchmarking: Eastern Region

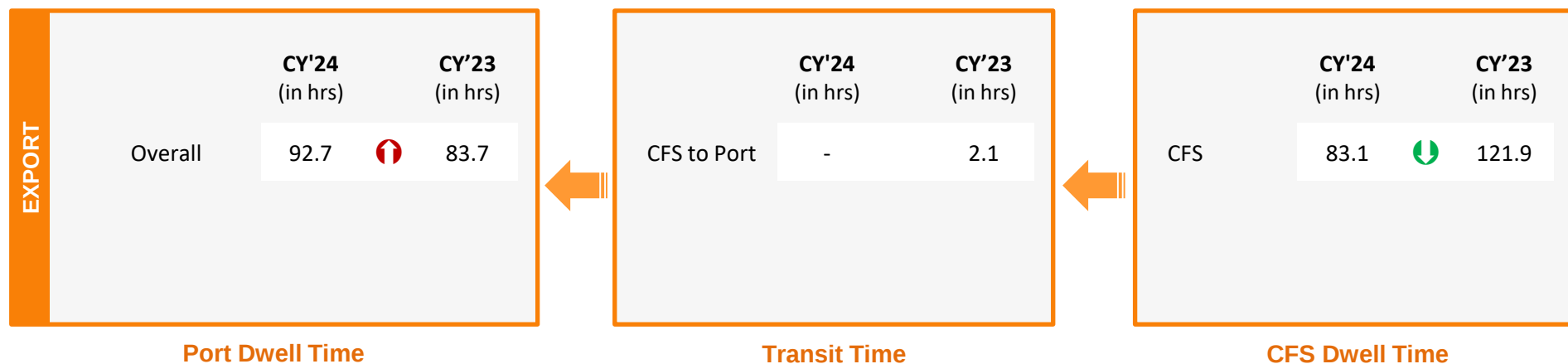
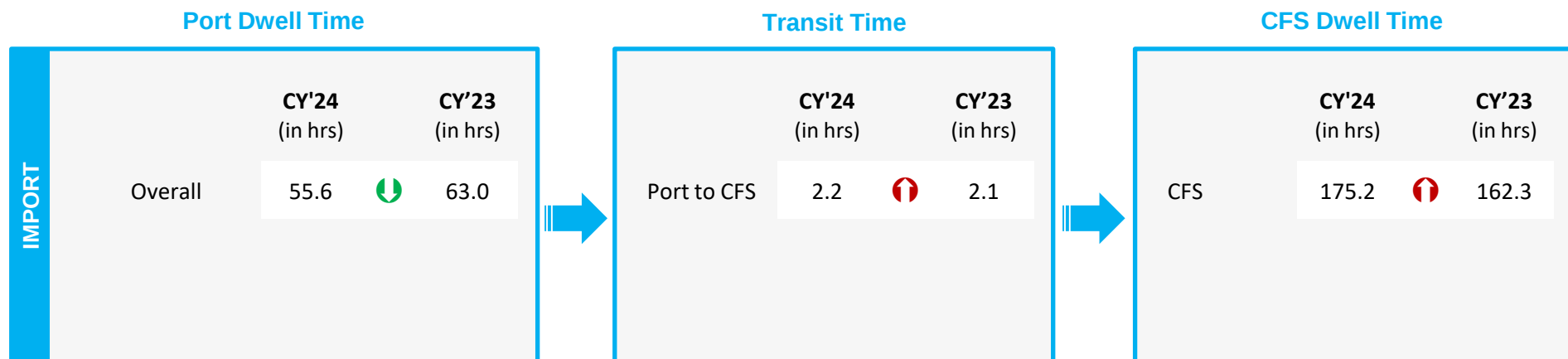
Performance benchmarking of CFSs based on dwell time vis-a-vis container count (no. of boxes) handled:



Note:

Please refer annexure for CFS names

Container Lifecycle (Import Cycle)

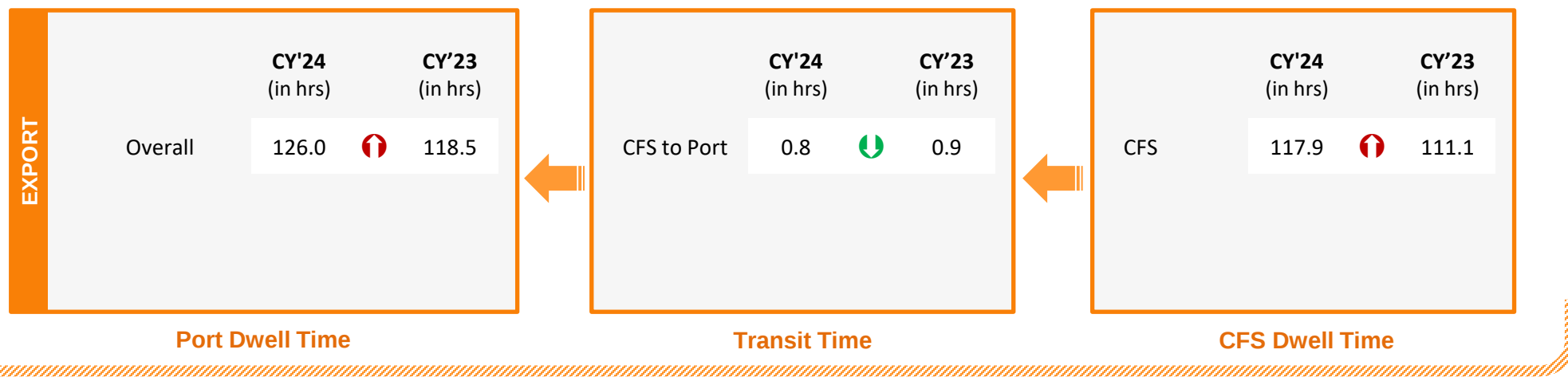
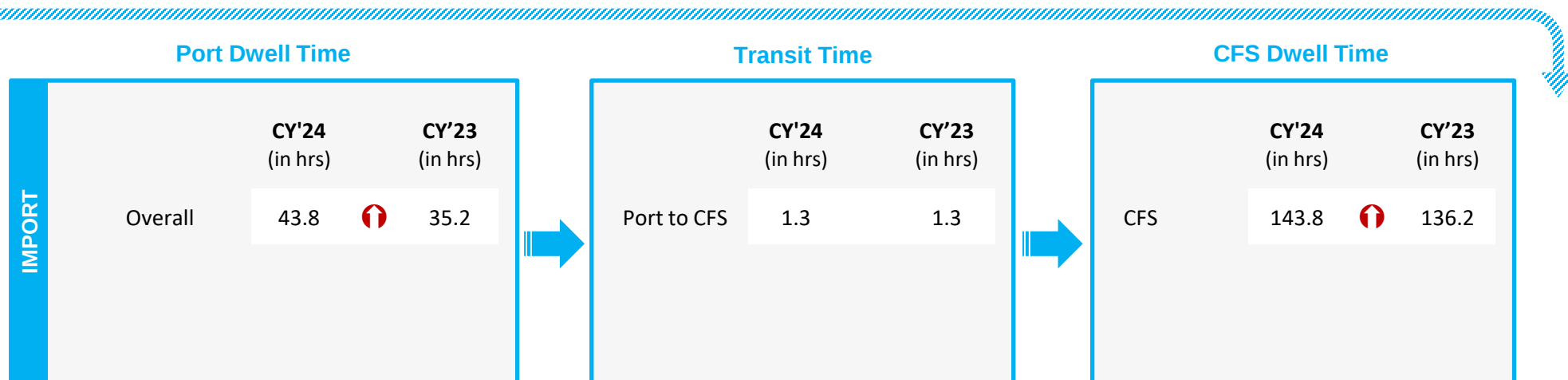


Container Lifecycle (Export Cycle)



 Indicates decrease/ increase in time from last year

Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)



Indicates decrease/ increase in time from last year

Parking Plaza Analysis: Kolkata Port

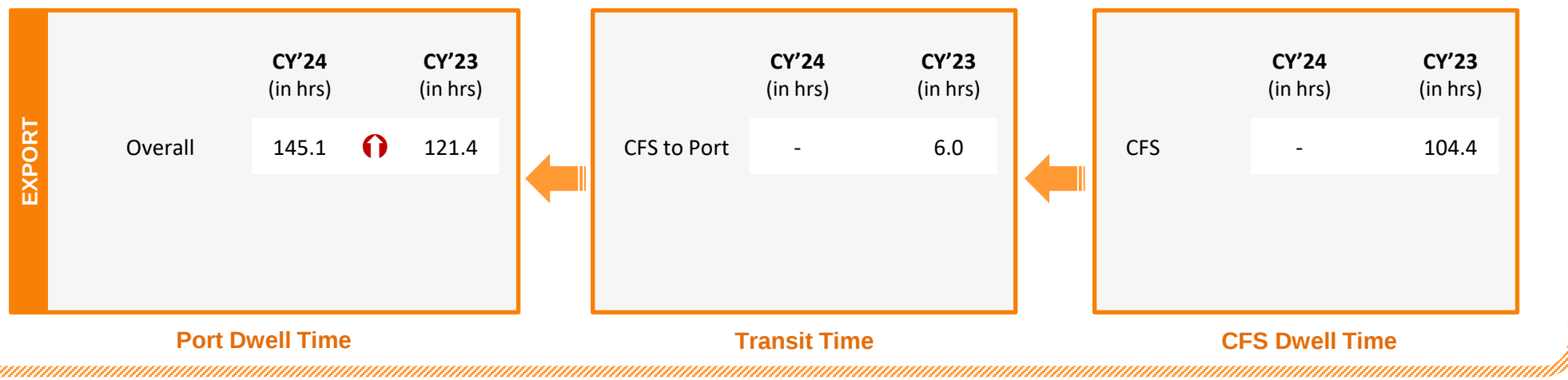
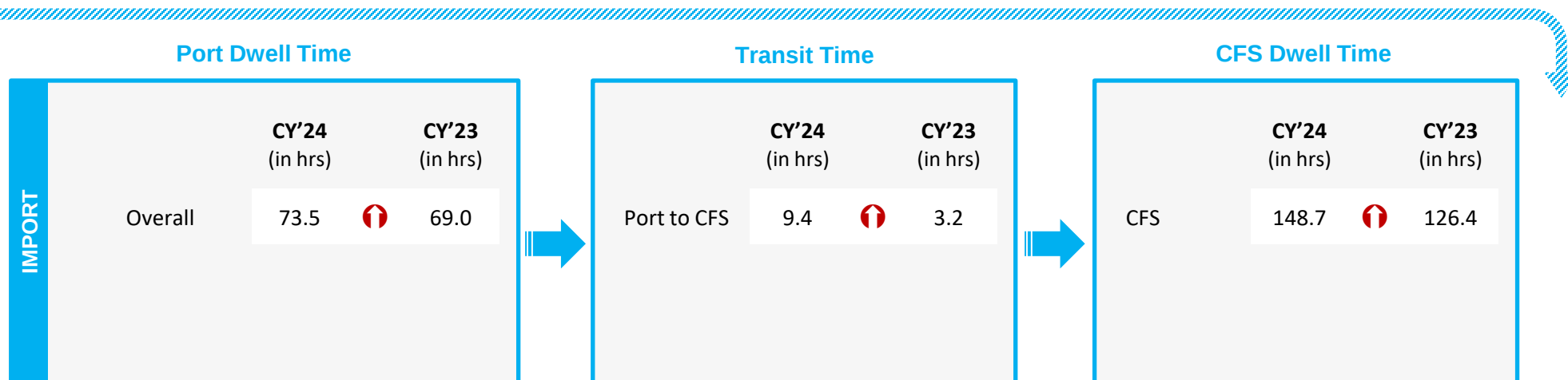
The analysis showcases waiting time of containers at parking plaza

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

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

	Within 2 hrs	2-4 hrs	4-8 hrs	8-16 hrs	16-24 hrs	More than 24 hrs
Parking Plaza Dwell Time	60%	24%	13%	3%	-	-

Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)



Indicates decrease/ increase in time from last year

Port to Toll Plaza Analysis: Eastern Region

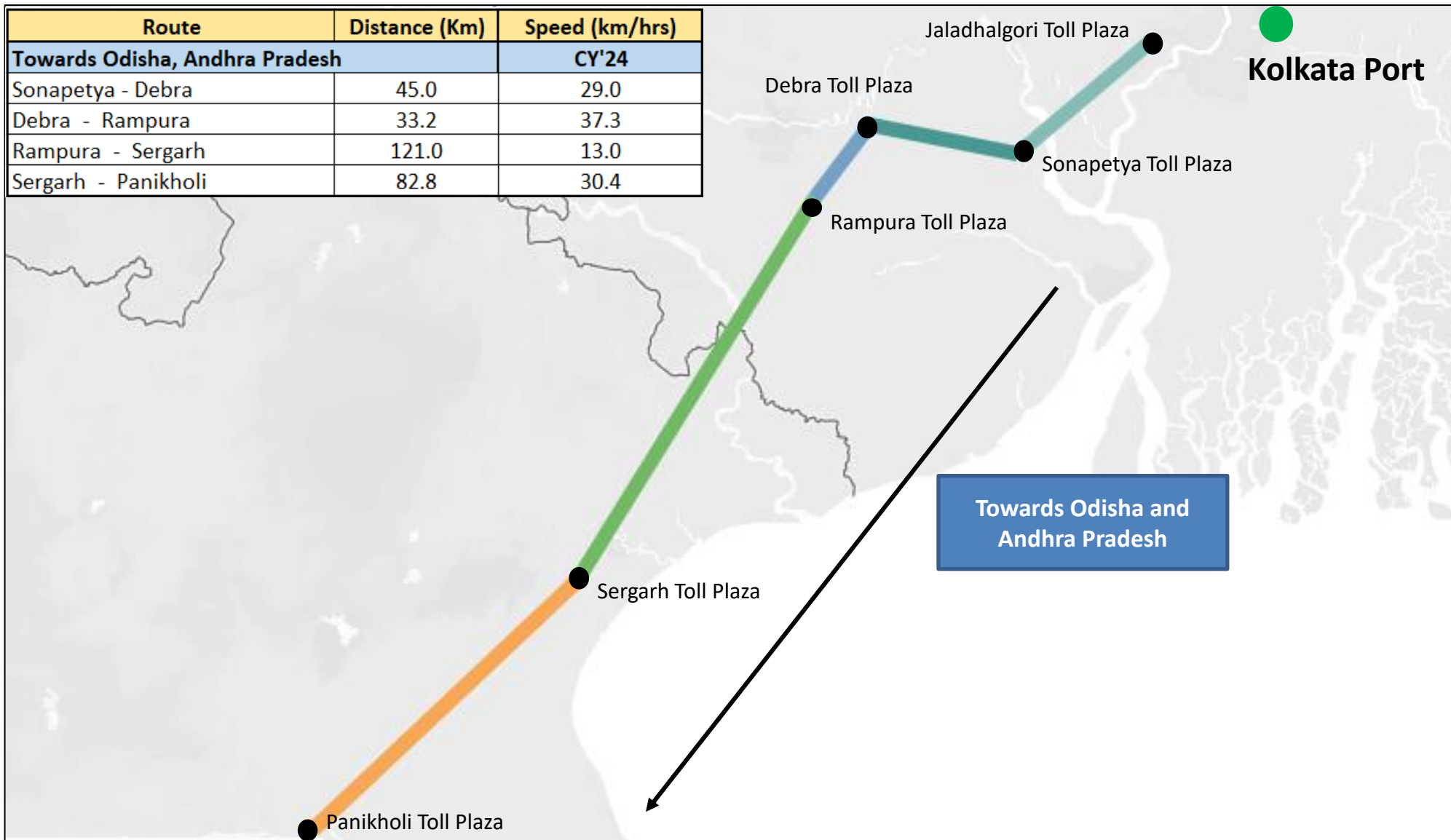
Below table depicts the average speed of a truck to cover the distance between the port and nearest toll plaza:

Region	Port	Adjacent Toll plaza	Distance (in KM)	Average Speed (in Km/hrs)
				CY'24
Eastern	Kolkata	Rampura	134	13.8
		Dankuni	28	7.5
	Haldia	Sonapetya	44	9.3
	Visakhapatnam	Nathavalasa	59	11.7
		Sheelanagar	23	24.2

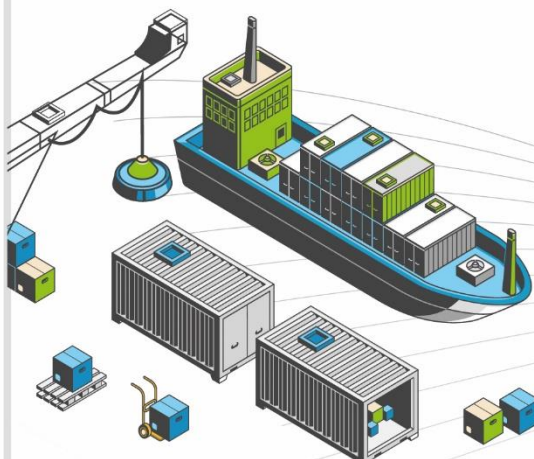
Toll Plaza Analysis: Kolkata Port

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

Route	Distance (Km)	Speed (km/hrs)
Towards Odisha, Andhra Pradesh		CY'24
Sonapetya - Debra	45.0	29.0
Debra - Rampura	33.2	37.3
Rampura - Sergarh	121.0	13.0
Sergarh - Panikholi	82.8	30.4



CONGESTION & TRANSIT ANALYSIS



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

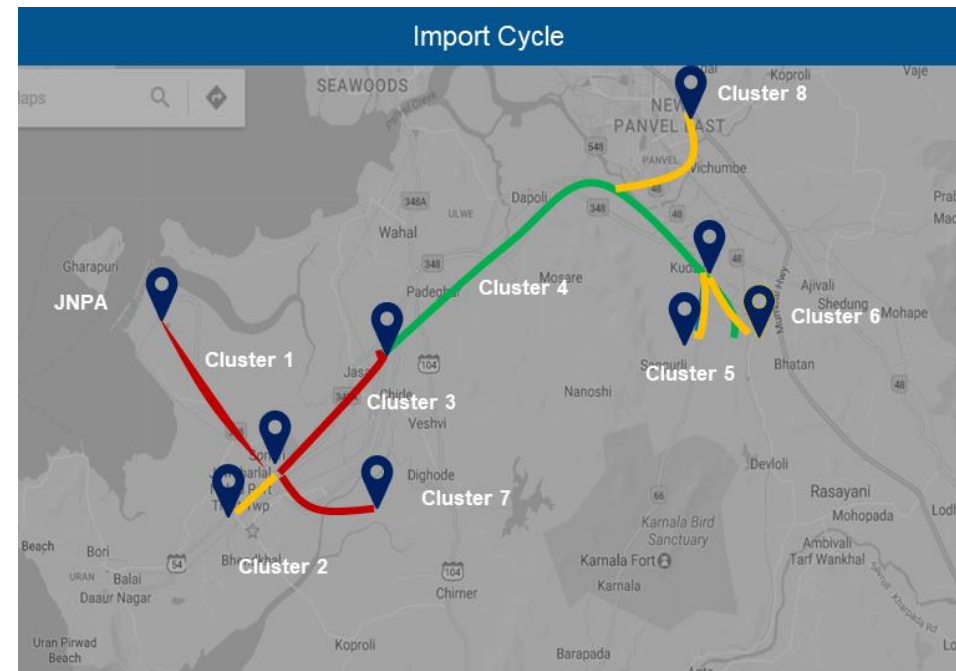
Methodology

Step 1 CFSs are divided into clusters based on their vicinity

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

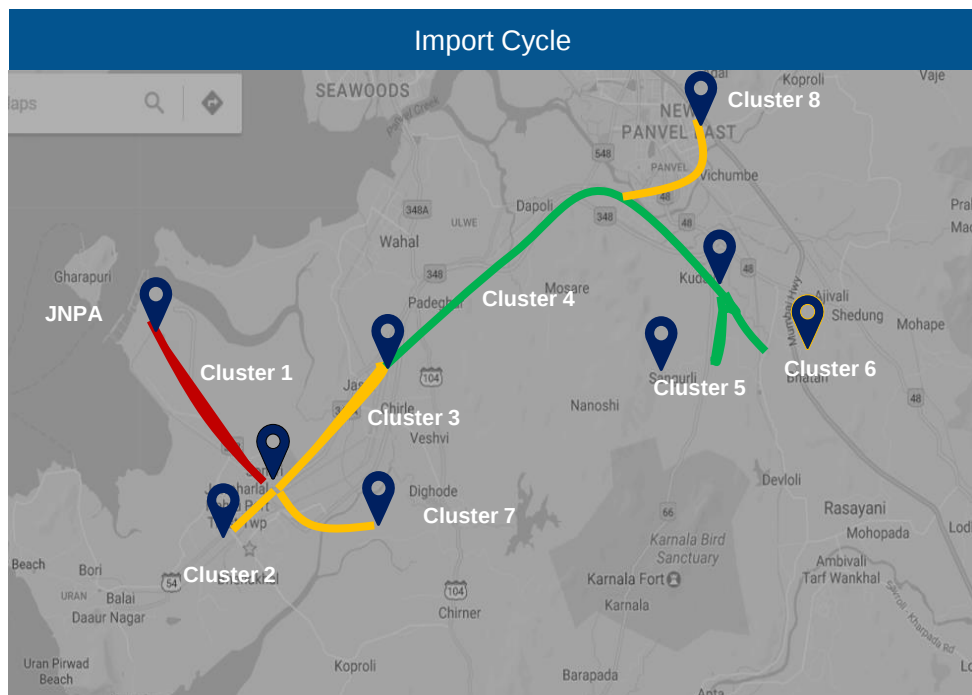
Step 3 Cluster based congestion level is calculated as per below steps:

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



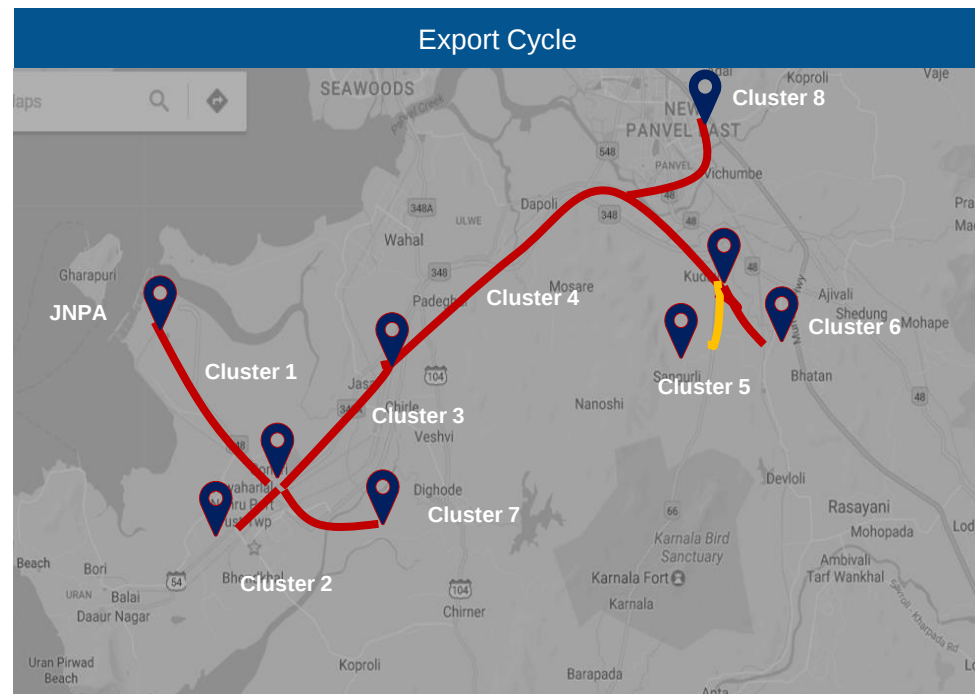
Congestion Level ■ High ■ Medium ■ Low

Congestion Analysis: JNPA Region



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	JNPA Area	1	8.30%	High
Cluster 2	Bhendkhal Area, Khopate Road	6	22.22%	Medium
Cluster 3	Sonari Area, JNPA Road	2	13.69%	Medium
Cluster 4	Chirle Area, JNPA Road	1	0.75%	Low
Cluster 5	Plaspa Area, Coach Kanyakumari Highway	2	14.26%	Low
Cluster 6	Salva Apta Road Area, Bangalore Highway	5	23.51%	Low
Cluster 7	Patilpada Area, Khopate JNPA Road	3	16.50%	Medium
Cluster 8	Taloja, Navi Mumbai	1	0.77%	Medium

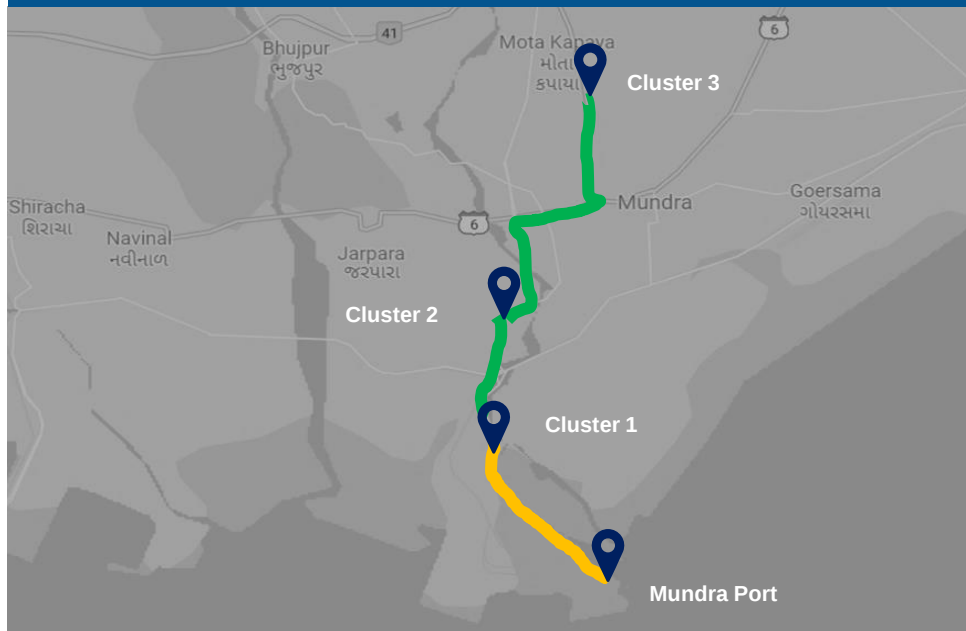
Congestion Level ■ High ■ Medium ■ Low



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	JNPA Area	1	7.63%	High
Cluster 2	Bhendkhal Area, Khopate Road	6	16.93%	High
Cluster 3	Sonari Area, JNPA Road	2	14.23%	High
Cluster 4	Chirle Area, JNPA Road	1	5.29%	High
Cluster 5	Plaspa Area, Coach Kanyakumari Highway	2	13.82%	Medium
Cluster 6	Salva Apta Road Area, Bangalore Highway	5	28.29%	High
Cluster 7	Patilpada Area, Khopate JNPA Road	3	12.85%	High
Cluster 8	Taloja, Navi Mumbai	1	0.96%	High

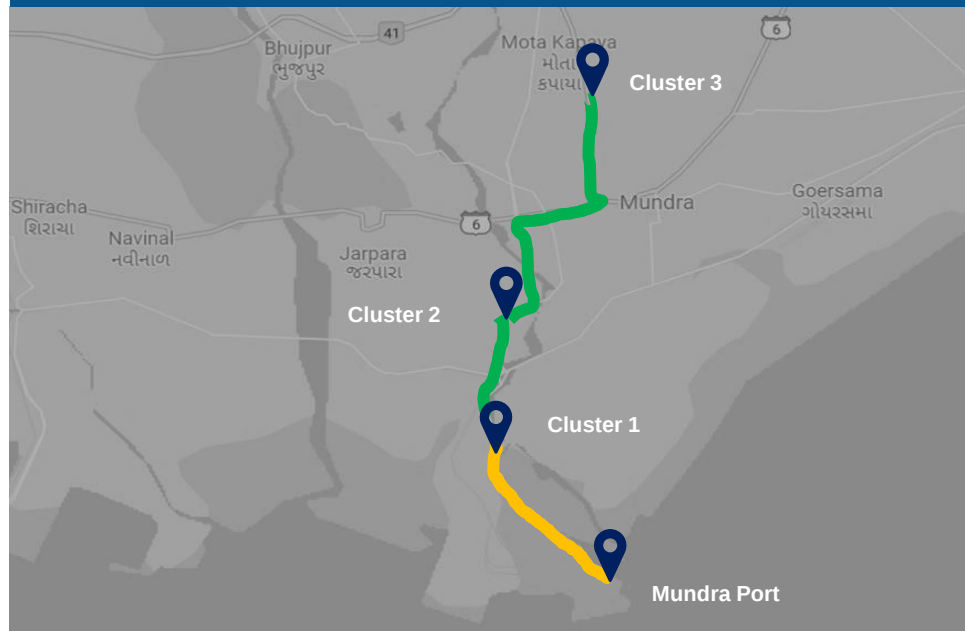
Congestion Analysis: Mundra Region

Import Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	APSEZ Area	12	83.24%	Medium
Cluster 2	Hind Circle	2	13.22%	Low
Cluster 3	Mota Kapaya	1	3.54%	Low

Export Cycle

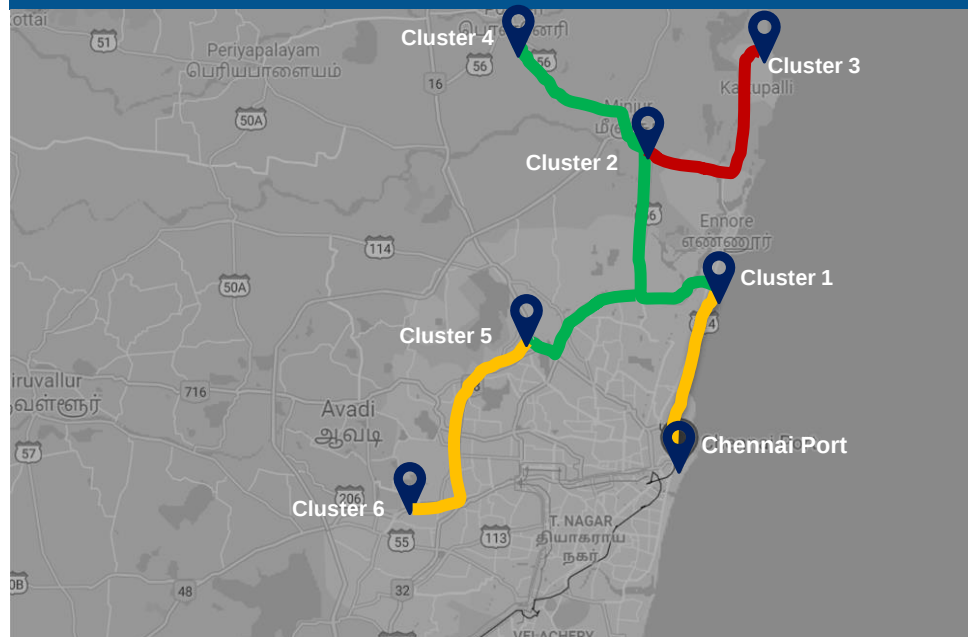


Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	APSEZ Area	12	97.64%	Medium
Cluster 2	Hind Circle	2	1.32%	Low
Cluster 3	Mota Kapaya	1	1.04%	Low

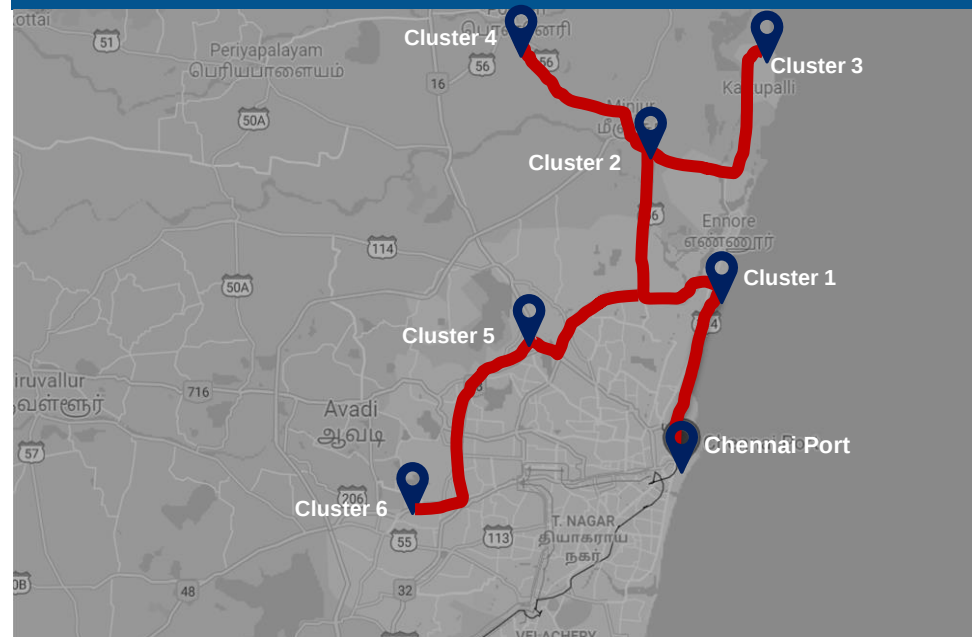
Congestion Level ■ High ■ Medium ■ Low

Congestion Analysis: Chennai Region

Import Cycle



Export Cycle



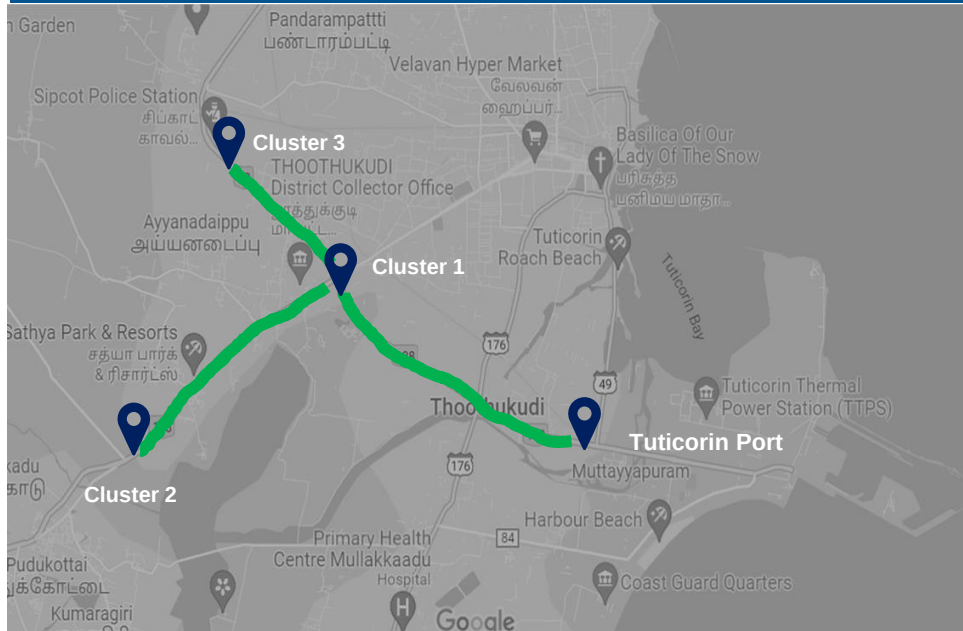
Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Thiruvottiyur High Road Junction	3	23.15%	Medium
Cluster 2	Aandarkuppam - Melur Junction	14	63.23%	Low
Cluster 3	Kattupalli Port bound Area	2	0.18%	High
Cluster 4	Minjur - Ponneri bound Area	3	3.41%	Low
Cluster 5	Madhavaram - Moolakadai Junction	3	6.36%	Low
Cluster 6	Poonamallee - Sriperumbadur Junction	5	3.67%	Medium

Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Thiruvottiyur High Road Junction	3	22.40%	High
Cluster 2	Aandarkuppam - Melur Junction	14	56.30%	High
Cluster 3	Kattupalli Port bound Area	2	0.70%	High
Cluster 4	Minjur - Ponneri bound Area	3	10.40%	High
Cluster 5	Madhavaram - Moolakadai Junction	3	2.30%	High
Cluster 6	Poonamallee - Sriperumbadur Junction	5	7.90%	High

Congestion Level ■ High ■ Medium ■ Low

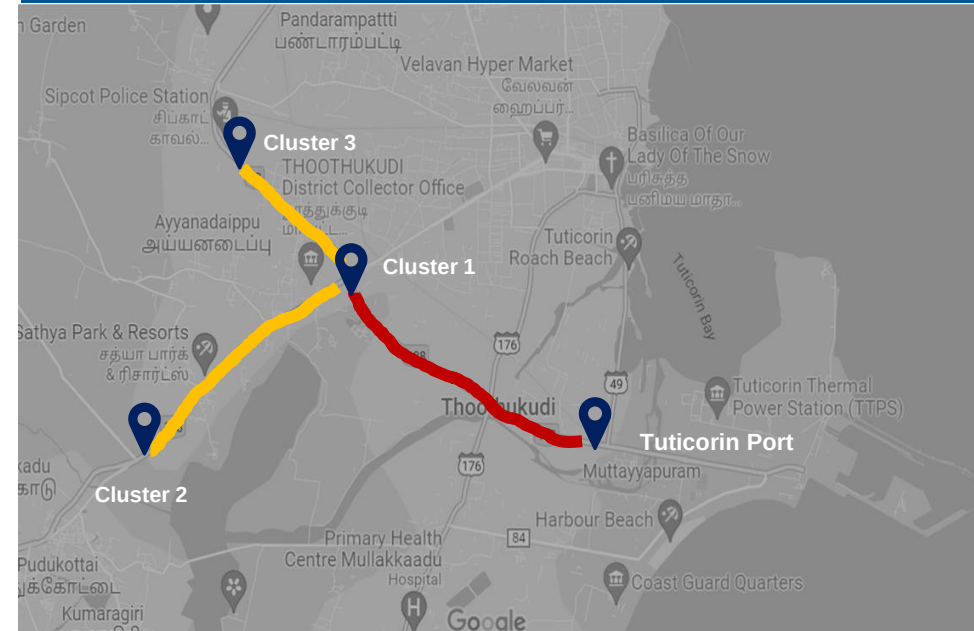
Congestion Analysis: Tuticorin Region

Import Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Periyanayagapuram, Thoothukudi, Madurai Road	4	26.73%	Low
Cluster 2	Tirunelveli Road near by Podukottai	2	19.24%	Low
Cluster 3	Sipcot Area near by Madurai Road	8	54.03%	Low

Export Cycle

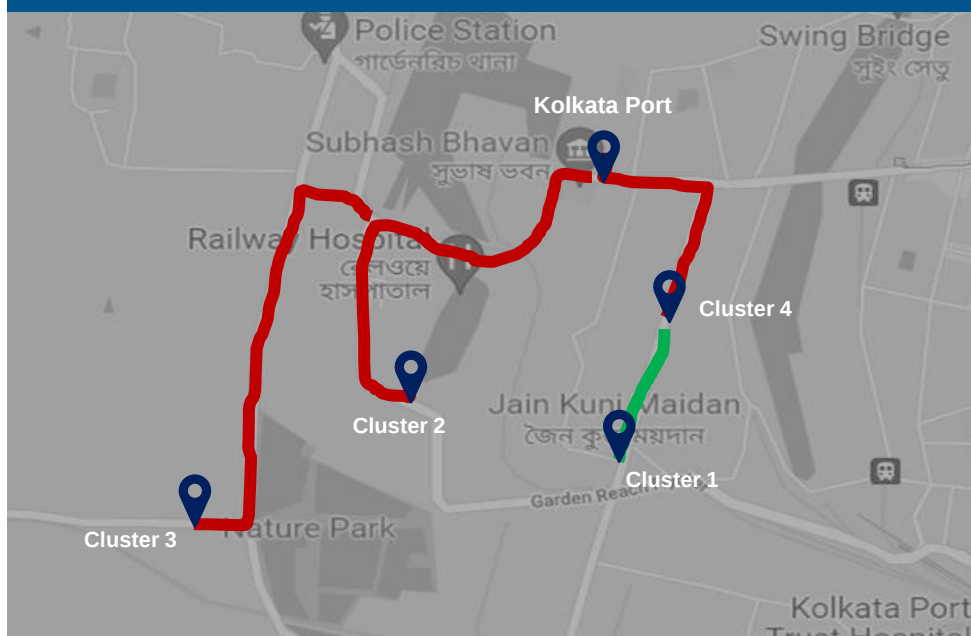


Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Periyanayagapuram, Thoothukudi, Madurai Road	4	22.57%	High
Cluster 2	Tirunelveli Road near by Podukottai	2	19.49%	Medium
Cluster 3	Sipcot Area near by Madurai Road	8	57.94%	Medium

Congestion Level ■ High ■ Medium ■ Low

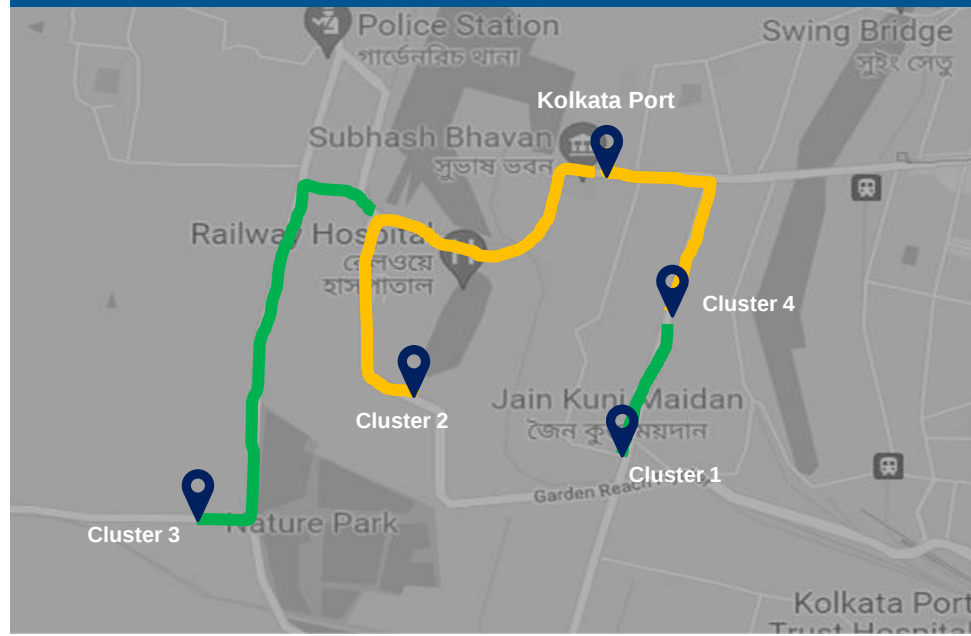
Congestion Analysis: Kolkata Region

Import Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Base Bridge Area	3	45.92%	Low
Cluster 2	Sonapur Road Area	1	16.05%	High
Cluster 3	Nature Park Area	1	34.05%	High
Cluster 4	Babu Bazar Area	1	3.98%	High

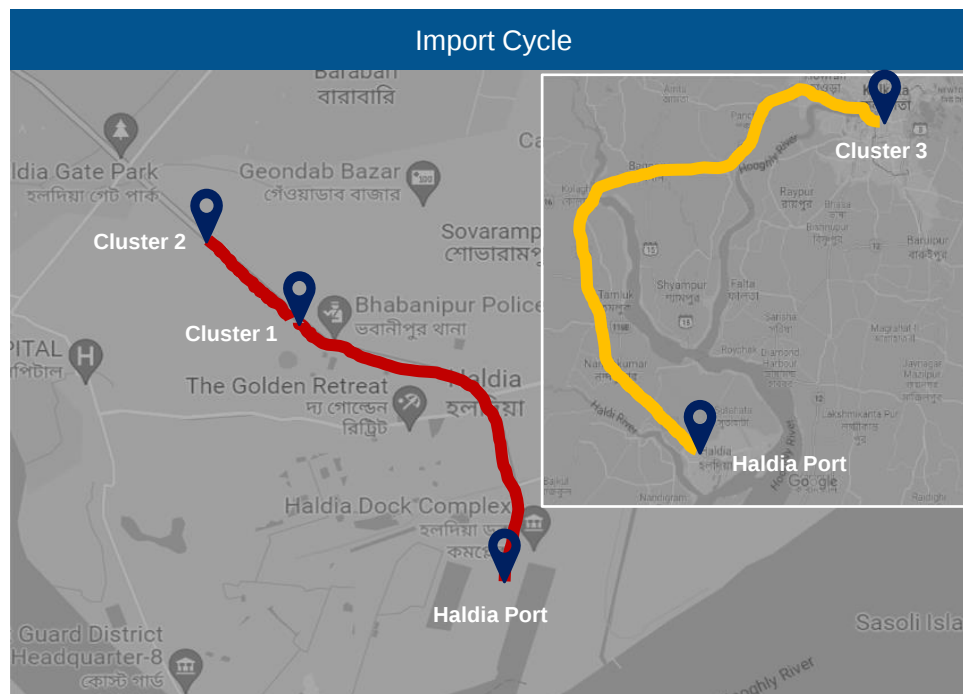
Export Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Base Bridge Area	3	61.57%	Low
Cluster 2	Sonapur Road Area	1	13.68%	Medium
Cluster 3	Nature Park Area	1	16.71%	Low
Cluster 4	Babu Bazar Area	1	8.04%	Medium

Congestion Level ■ High ■ Medium ■ Low

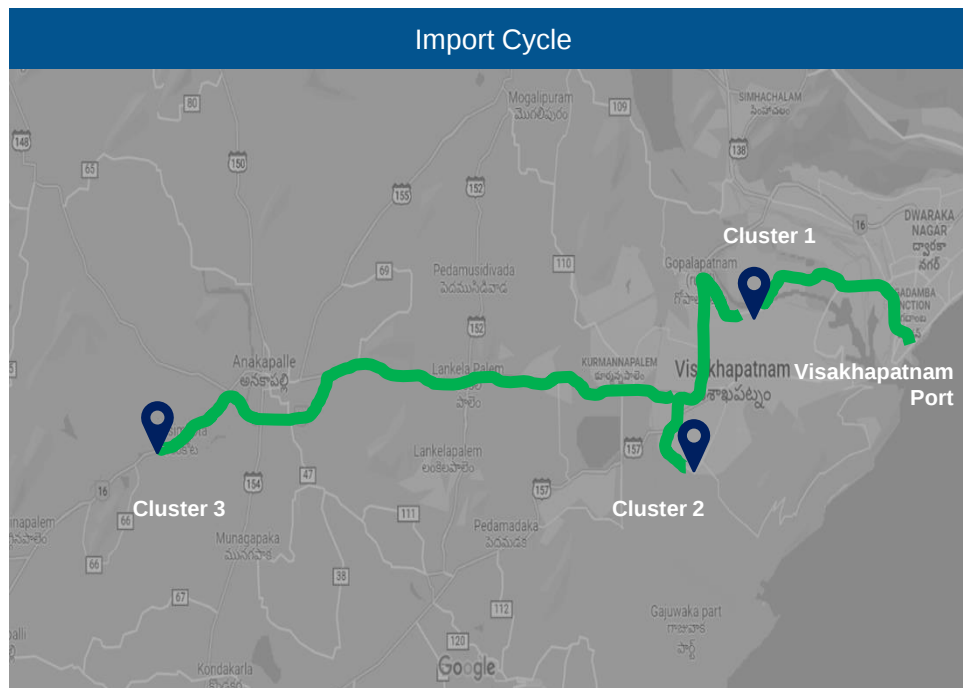
Congestion Analysis: Haldia Region



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Talpukur Area, Kolkata Highway	1	26.32%	High
Cluster 2	City Centre Area, Kolkata Highway	2	46.46%	High
Cluster 3	Silpodanga Area	1	27.22%	Medium

Congestion Level ■ High ■ Medium ■ Low

Congestion Analysis: Visakhapatnam Region



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Port Road, Gopalapatnam Area	4	69.53%	Low
Cluster 2	Autonagar, Gajuwaka Area	3	26.45%	Low
Cluster 3	Chennai – Kolkata Highway, Bayyavaram Area	1	4.02%	Low

Congestion Level ■ High ■ Medium ■ Low

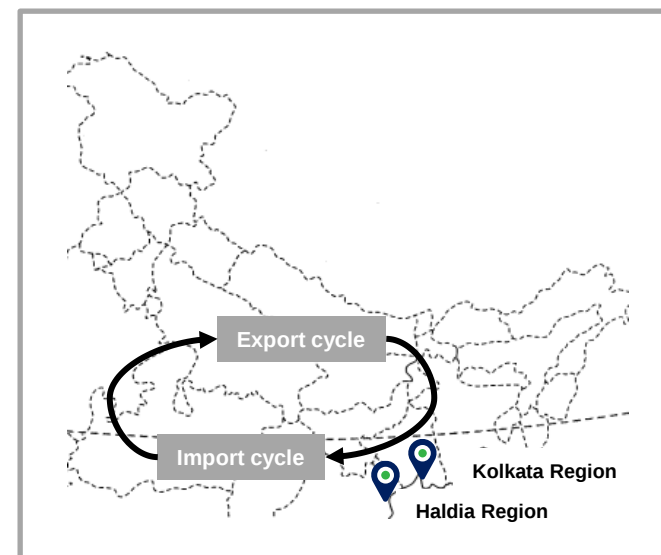
Transit movement across ICPs from Kolkata & Haldia Port Terminal:

Kolkata Port Terminal

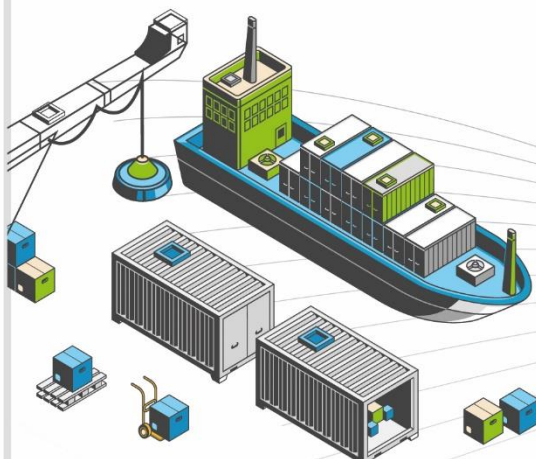
Import Cycle	Mode	ICP Raxaul	ICP Jogbani
	Overall	109.5	105.6

Haldia Port Terminal

Import Cycle	Mode	ICP Raxaul	ICP Jogbani
	Overall	116.8	178.9



ANNEXURE



Annexure – Terminal Names

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

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

Annexure – ICD Names

List of ICD names used in the ICD Performance Index

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

Annexure – CFS Names - Western Region

List of CFS names used in the Western CFS Performance Index

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

Annexure – CFS Names - Southern Region

List of CFS names used in Southern CFS Performance Index

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

Annexure – CFS Names - Eastern Region

List of CFS names used in Eastern CFS Performance Index

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

Annexure – Container TAT and OADT, MADT Methodology

Container Turnaround Time (TAT)

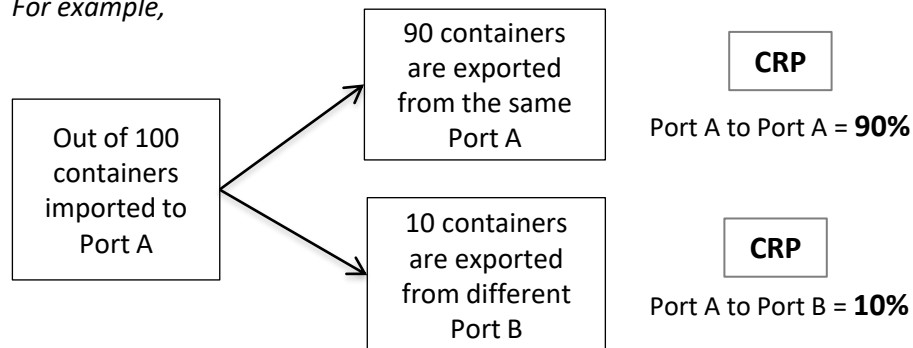
Container Turnaround Time (TAT) refers to the total time a container spends in a country, from its arrival to port in import cycle to its departure from the port in export cycle

$$\text{Terminal Out Time Stamp (Export Cycle)} - \text{Terminal In Time Stamp (Import Cycle)}$$

Container Retention Percentage (CRP)

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

For example,



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

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

For example,

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

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



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



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