



NATIONAL LOGISTICS POLICY

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

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Toll Plaza Analysis



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LDB AT A GLANCE

69 MILLION⁺

CONTAINERS HANDLED

127

Toll Plaza Coverage

515+

CFS/ICD/ICP/PY/IZ Coverage

600+

Operators deployed at ports

100%

EXIM Container
Terminals covered*

3350+

RFID readers deployed PAN India

EDI

with FOIS and 28 Port Terminals

PORT PERFORMANCE

(October-November-December'23 vs January-February-March'24)

DWELL TIME

WESTERN REGION

Import Cycle: 13.5% (23.7 hrs to 20.5 hrs)
Export Cycle: 8.3%

(84.7 hrs to 91.7 hrs)



TOP-PERFORMER : Gateway Terminals of India

EASTERN REGION

Import Cycle: 7.5% (46.8 hrs to 43.3 hrs)



Export Cycle : 33.7% (87 hrs to 116.3 hrs)

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

SOUTHERN REGION

Import Cycle: 4.8% (47.9 hrs to 45.6 hrs)



Export Cycle: 10.3% (79.7 hrs to 87.9 hrs)



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

TOP PERFORMERS - PAN INDIA JFM'24



TERMINAL

Gateway Terminals India



CFS

Sical CFS, Chennai Tiruvallur Tamil Nadu



ICD

Adani ICD, Tumb

^{*} Operation in Gangavaram port (NSDT) yet to be started.

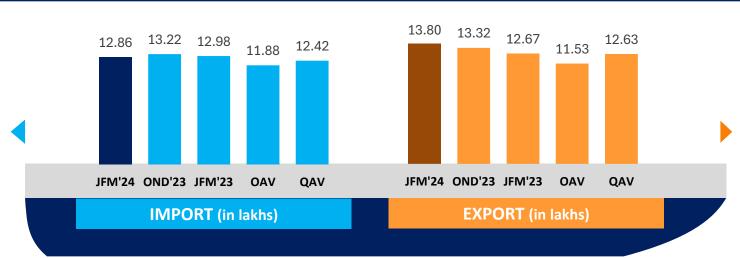


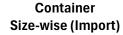
PAN INDIA PERFORMANCE

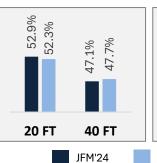
Container Count: PAN India

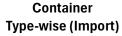


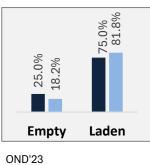








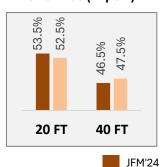




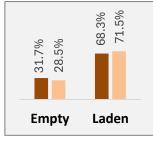
Container Count - Annual Average (in lakhs/ quarter)



Container Size-wise (Export)



Container
Type-wise (Export)



OND'23

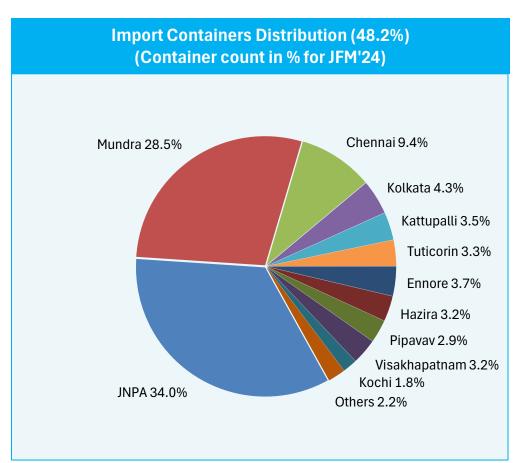
OAV – Overall Avg Volume

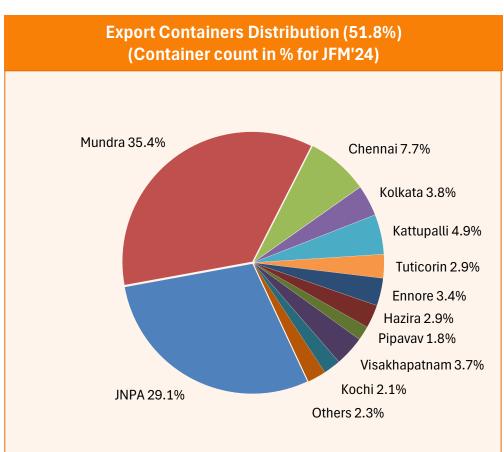
QAV - Quarterly Avg Volume

PAN India EXIM Distribution



Distribution of EXIM containers for JFM 2024 guarter across all ports:





In the previous quarter, container distribution in import and export cycle was 49.8% and 50.2% respectively.

Others include Kandla, Haldia and New Mangalore

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Key Observations-JFM 2024



In comparison with OND 2023:

Pan India

- PAN India port dwell time performance has improved by 11% in import cycle
- Top performing terminal for this quarter is Gateway Terminals India (JNPA port)
- Container count (no. of boxes) has increased by 4% in export cycle
- PAN India port dwell time performance has reduced by 10% in export cycle

Western Region

- CFS dwell time performance has improved by 6% in import cycle
- Mundra port dwell time performance has improved by 27% in import cycle
- Kandla port dwell time performance has improved by 49% in import cycle
- Hazira port dwell time performance has improved by 31% in import cycle
- Container count (no. of boxes) has reduced by 3% in import cycle

Southern Region

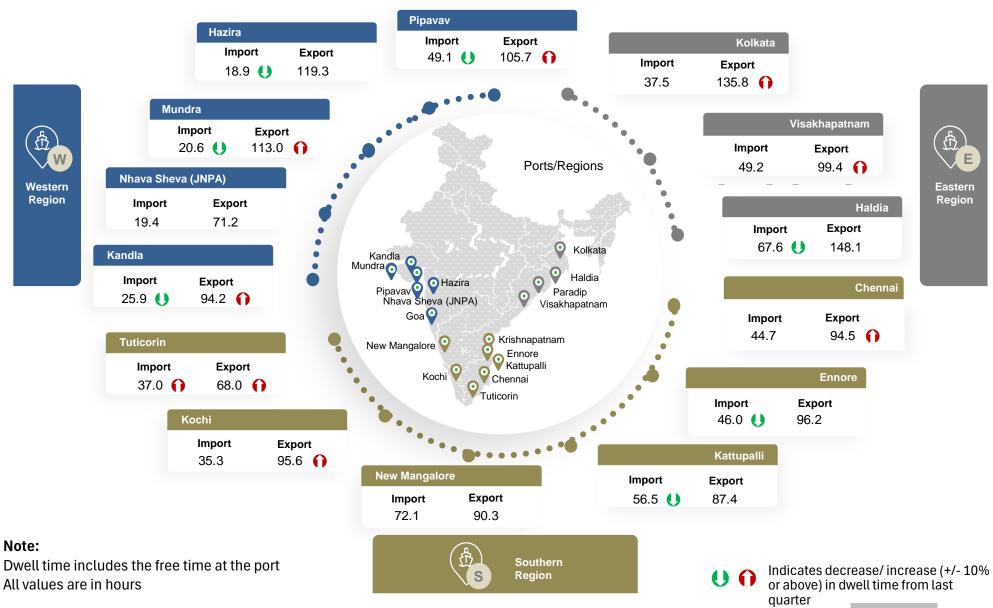
- Container count (no. of boxes) has increased by 7% in export cycle
- No EXIM container movement at Krishnapatnam port for JFM 2024 guarter due to no vessel movement.
- Tuticorin port dwell time **performance has reduced by 75%** in import cycle due to extreme damage caused to port infrastructure and roads from the unprecedented floods in December 2024.
- Chennai port CFS dwell time performance has reduced by 13% in import cycle

Eastern Region

- Visakhapatnam port dwell time performance has improved by 7% in import cycle
- Kolkata port dwell time performance has reduced by 61% in export cycle due to ongoing repair work at the berth gate
- Transit time from Haldia port to CFS has increased in 34% in import cycle

Dwell Time Performance (JFM 2024): PAN India





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Dwell Time Performance: Region-wise



	Duration	Import Dwell Time (in hrs)	Export Dwell Time (in hrs)	
	JFM'24	20.5	91.7	
Western	OND'23	23.7	84.7	
Region	JFM'23	28.1	84.4	
	OADT	25.0	90.4	
	QADT	23.4	91.4	
	Duration	Import Dwell Time (in hrs)	Export Dwell Time (in hrs)	
	JFM'24	45.6	87.9	
Southern	OND'23	47.9	79.7	
Region	JFM'23	39.1	80.9	
	OADT	42.0	85.3	
	QADT	43.3	85.8	
	Duration	Import Dwell Time (in hrs)	Export Dwell Time (in hrs)	
	JFM'24	43.3	116.3	
Eastern	OND'23	46.8	87.0	
Region	JFM'23	43.3	100.3	
	OADT	48.0	104.3	
	QADT	44.9	103.1	

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

Dwell Time Performance: Port wise



		JFM'24 (in hrs)		OND'23	JFM'23	OADT	QADT (in hrs)
		(111 1118)		(in hrs)	(in hrs)	(in hrs)	(1111115)
	Western Region	20.5		23.7	28.1	25.0	23.4
	JNPA	19.4	U	19.6	25.2	21.5	21.5
	Mundra	20.6	U	28.3	32.1	28.0	24.1
	Pipavav	49.1	U	67.4	43.2	53.2	47.0
	Kandla	25.9	U	50.3	21.8	48.0	44.2
	Hazira	18.9	U	27.3	37.6	33.7	28.5
	Southern Region	45.6		47.9	39.1	42.0	43.3
JRT	Chennai	44.7	U	49.3	39.7	43.8	45.0
MPORT	Kochi	35.3	0	35.0	48.6	44.7	43.2
	Kattupalli	56.5	U	71.6	44.8	62.5	54.5
	Tuticorin	37.0	0	21.2	24.0	21.7	24.0
	Krishnapatnam	-		34.6	36.0	62.8	64.6
	Ennore	46.0	U	54.4	35.2	42.4	44.4
	New Mangalore	72.1	0	68.3	58.9	100.9	76.7
	Eastern Region	43.3		46.8	43.3	48.0	44.9
	Visakhapatnam	49.2	U	53.0	52.0	57.5	52.9
	Kolkata	37.5	U	39.7	30.3	34.7	32.6
	Haldia	67.6	U	80.8	82.9	89.0	85.5

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



Dwell Time Performance: Port wise



		JFM'24 (in hrs)		OND'23 (in hrs)	JFM'23 (in hrs)	OADT (in hrs)	QADT (in hrs)
	Western Region	91.7		84.7	84.4	90.4	91.4
	JNPA	71.2	0	68.3	71.4	72.9	72.8
	Mundra	113.0	0	101.1	102.7	113.0	117.5
	Pipavav	105.7	0	95.1	92.6	126.6	107.4
	Kandla	94.2	0	81.3	93.8	111.3	116.5
	Hazira	119.3	0	110.0	106.0	117.0	120.2
	Southern Region	87.9		79.7	80.9	85.3	85.8
ORT	Chennai	94.5	0	81.7	85.8	90.3	89.0
EXPORT	Kochi	95.6	0	81.5	71.3	87.9	87.7
"	Kattupalli	87.4	0	84.2	86.0	92.9	91.5
	Tuticorin	68.0	0	56.6	64.4	64.3	68.8
	Krishnapatnam	-		60.5	63.6	63.2	68.4
	Ennore	96.2	0	92.6	98.6	99.6	100.6
	New Mangalore	90.3	0	87.5	77.6	101.3	102.8
	Eastern Region	116.3		87.0	100.3	104.3	103.1
	Visakhapatnam	99.4	0	85.0	83.2	91.4	92.6
	Kolkata	135.8	0	84.5	128.0	117.8	112.4
	Haldia	148.1	U	148.3	118.8	123.1	124.9

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

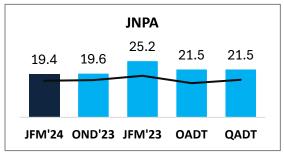


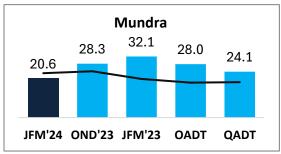
Port Performance Comparison: Import Cycle

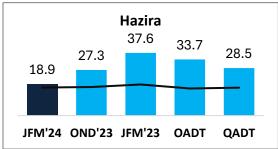


Port dwell time performance across various time frames:

Western Region (Container count share 69.5%)



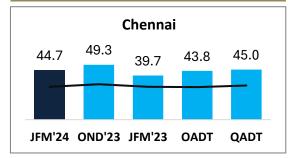


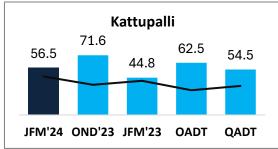


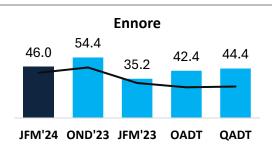
— Represents the trend of container count (no. of boxes) OADT – Overall Avg Dwell Time

QADT – Quarterly Avg Dwell Time

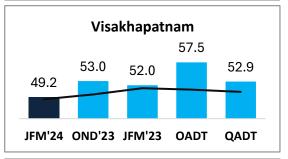
Southern Region (Container count share 22.6%)

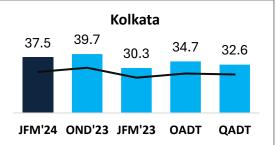


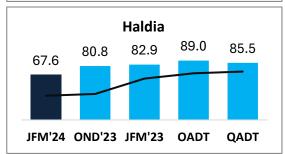




Eastern Region (Container count share 7.9%)







Note:

All values are in hours

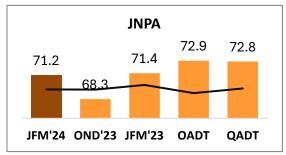
Top 3 ports of the region based on container count are showcased

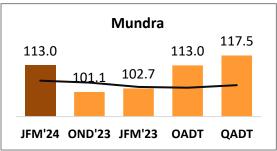
Port Performance Comparison: Export Cycle

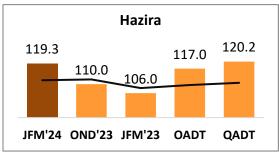


Port dwell time performance across various time frames:

Western Region (Container count share 69.5%)



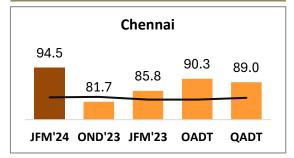


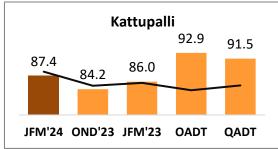


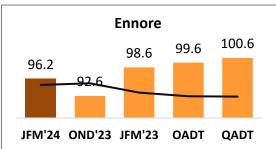
— Represents the trend of container count (no. of boxes) OADT – Overall Avg Dwell Time

QADT – Quarterly Avg Dwell Time

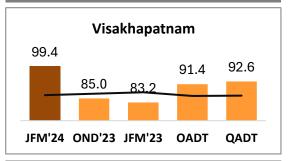
Southern Region (Container count share 22.3%)

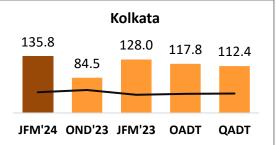


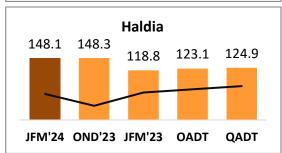




Eastern Region (Container count share 8.2%)







Note:

All values are in hours

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

Dwell Time Performance: Entry & Exit Type



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

_	_	_
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IJ	_	L

		JFM'24 (in hrs)		OND'23 (in hrs)	JFM'23 (in hrs)	OADT (in hrs)	QADT (in hrs)
IMPORT	Western	20.2	O	23.2	36.7	32.8	28.8
Z	Southern	-		-	-	-	-
	Eastern	81.4	O	92.9	67.1	79.2	79.7

Non DPD

		JFM'24 (in hrs)		OND'23 (in hrs)	JFM'23 (in hrs)	OADT (in hrs)	QADT (in hrs)
ORT	Western	20.5	O	23.8	27.5	23.4	22.7
IMP	Southern	-		-	-	<u>-</u>	-
	Eastern	39.5	U	41.6	40.0	47.5	44.6

DPE

		JFM'24 (in hrs)			JFM'23 (in hrs)	OADT (in hrs)	QADT (in hrs)
EXPORT	Western	74.3	0	74.2	68.1	76.5	76.5
EXE	Southern	-		- -	-	-	-
	Eastern	140.4	0	119.8	120.1	118.4	119.0

Non DPE

		JFM'24 (in hrs)		OND'23 (in hrs)	JFM'23 (in hrs)	OADT (in hrs)	QADT (in hrs)
EXPORT	Western	94.4	0	86.8	72.5	78.0	80.3
E	Southern	-		-	-	<u>-</u>	-
	Eastern	100.5	0	65.5	81.5	91.6	95.8

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:

A	$\mathbf{\Lambda}$	СТ
4		- 1

		JFM'24 (in hrs)		OND'23 (in hrs)	JFM'23 (in hrs)	OADT (in hrs)	QADT (in hrs)
ORT	Western	20.8	U	23.4	29.0	24.8	23.7
IMPO	Southern	46.7	U	47.5	37.6	39.4	41.2
	Eastern	43.5	0	43.1	40.2	42.9	41.6

20 FT

		JFM'24 (in hrs)		OND'23 (in hrs)	JFM'23 (in hrs)	OADT (in hrs)	QADT (in hrs)
PORT	Western	20.1	U	24.2	27.6	25.2	23.2
IMP	Southern	44.6	U	48.6	40.2	44.1	45.0
	Eastern	43.3	U	48.7	44.6	51.3	47.8

40 FT

		JFM'24 (in hrs)		OND'23 (in hrs)	JFM'23 (in hrs)	OADT (in hrs)	QADT (in hrs)
EXPORT	Western	91.0	0	84.9	81.6	89.7	90.5
E	Southern	91.7	0	82.4	83.4	88.1	89.4
	Eastern	107.7	0	90.6	103.5	104.2	101.4

20 FT

		JFM'24 (in hrs)		OND'23 (in hrs)	JFM'23 (in hrs)	OADT (in hrs)	QADT (in hrs)
EXPORT	Western	92.3	0	85.0	86.4	90.9	92.1
EX	Southern	83.8	0	77.2	79.2	82.5	82.5
	Eastern	119.0	0	85.7	99.4	104.4	104.2

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



Dwell Time Performance: Container State



Port dwell time of containers based on container state:

_			
	_	-	b.,
_	Ш	I)	w

		JFM'24 (in hrs)		OND'23 (in hrs)	JFM'23 (in hrs)	OADT (in hrs)	QADT (in hrs)
IMPORT	Western	21.8	U	23.5	36.4	32.4	31.0
Ξ	Southern	48.1	U	54.6	37.4	38.5	40.6
	Eastern	67.5	U	81.6	40.9	60.0	54.7

Laden

		JFM'24 (in hrs)		OND'23 (in hrs)	JFM'23 (in hrs)	OADT (in hrs)	QADT (in hrs)
IMPORT	Western	20.1	O	23.8	26.0	22.5	21.4
N	Southern	43.8	U	44.0	41.9	43.3	43.7
	Eastern	41.6	U	44.9	44.0	50.5	48.4

Empty

		JFM'24 (in hrs)		OND'23 (in hrs)	JFM'23 (in hrs)	OADT (in hrs)	QADT (in hrs)
EXPORT	Western	70.1	0	69.2	67.1	67.4	68.0
EX	Southern	90.0	0	82.1	79.6	82.4	86.4
	Eastern	46.1	0	42.2	57.4	56.3	54.6

Laden

		JFM'24 (in hrs)		OND'23 (in hrs)	JFM'23 (in hrs)	OADT (in hrs)	QADT (in hrs)
EXPORT	Western	97.5	0	90.0	87.3	90.2	91.6
X	Southern	85.8	0	78.5	84.5	90.1	91.1
	Eastern	131.0	0	110.0	106.9	112.8	118.1

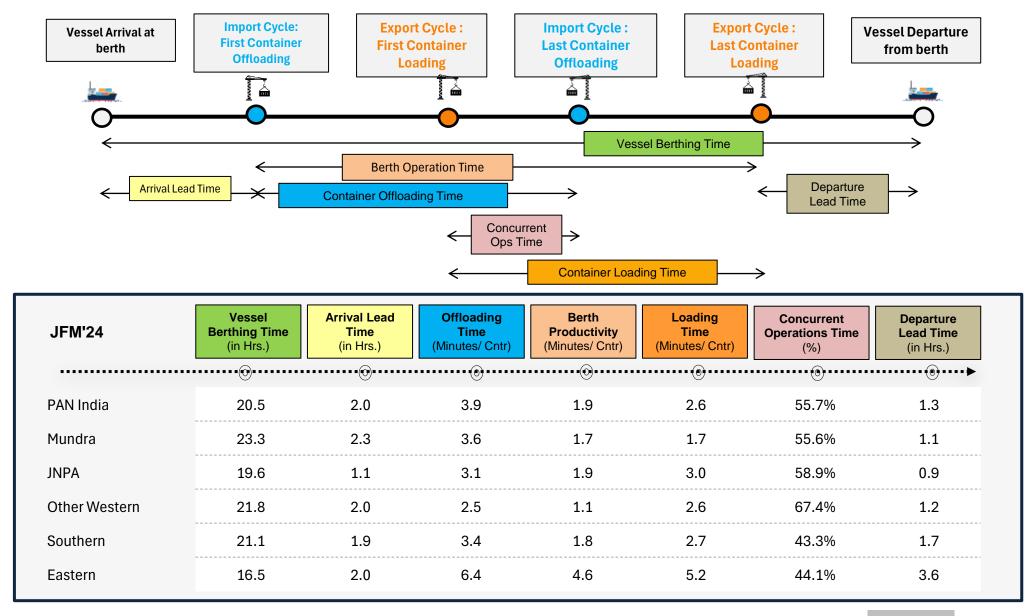
OADT – Overall Avg Dwell Time QADT – Quarterly Avg Dwell Time



Indicates decrease/ increase in dwell time from last quarter

Vessel Analysis: PAN India

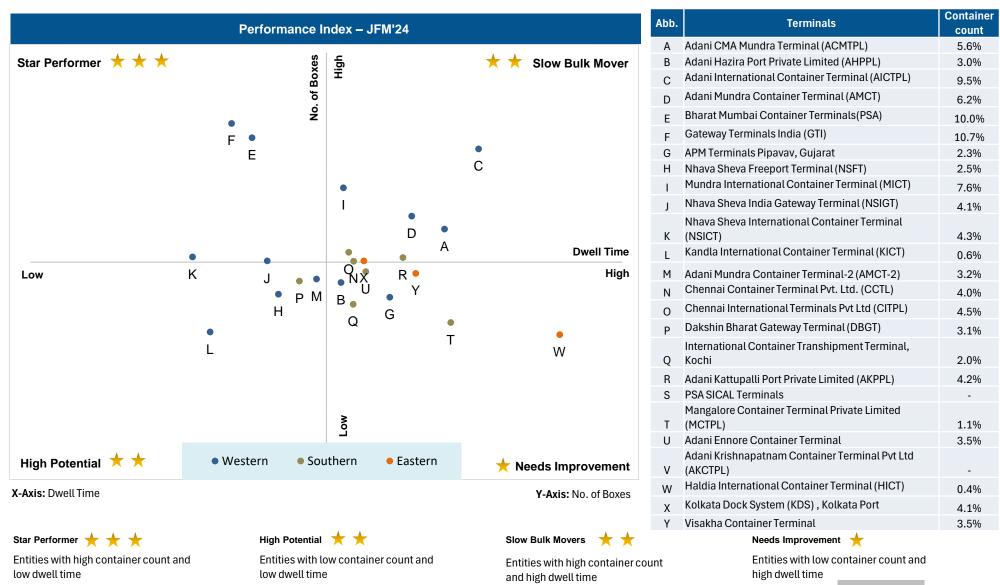




Performance Benchmarking: PAN India Terminals



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



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:

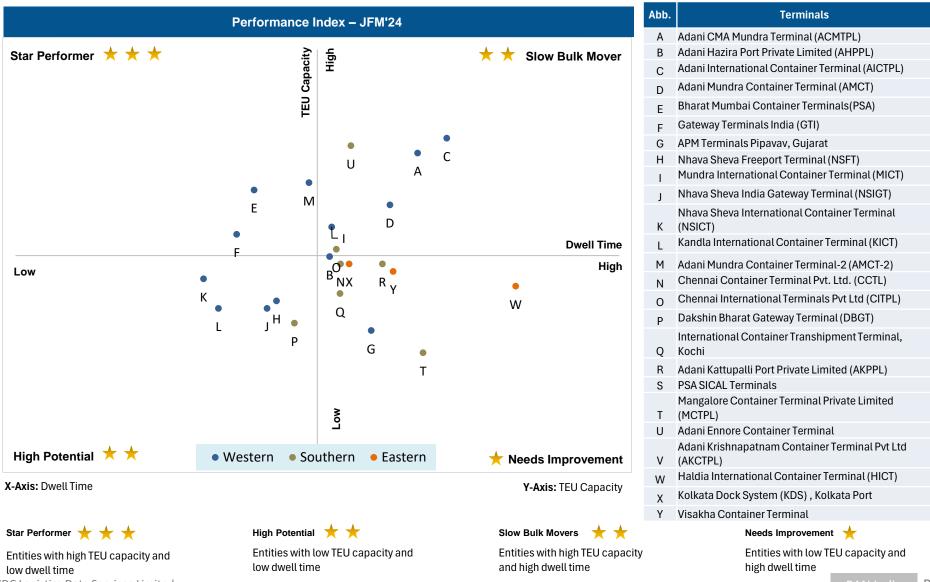


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Performance Benchmarking (Capacity & Dwell time): PAN India Terminals



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



Dwell Time Performance: CFS Import Cycle



		JFM'24 (in hrs)		OND'23 (in hrs)	JFM'23 (in hrs)	OADT (in hrs)	QADT (in hrs)
	Western Region	89.1		94.7	88.8	90.0	88.7
	JNPA	83.7	U	88.9	82.3	83.9	83.4
	Mundra	98.6	U	102.9	95.8	98.1	96.4
	Pipavav	67.4	U	81.3	90.4	85.0	78.2
	Hazira	93.6	0	91.8	101.5	104.8	95.0
н							
IMPORT	Southern Region	126.4		110.1	126.0	112.3	122.4
Ξ	Chennai, Ennore, Kattupalli	117.7	0	104.2	116.1	105.0	116.3
	Kochi	140.0	0	130.8	112.9	121.0	119.2
	Tuticorin	160.7	0	136.9	165.0	143.1	149.8
	Eastern Region	150.8		146.6	137.1	135.4	140.9
	Visakhapatnam	165.5	U	168.2	155.4	156.1	155.6
	Kolkata	144.5	0	141.6	128.1	129.2	134.6
	Haldia	156.3	0	131.0	134.8	123.6	141.1

Below are number of CFSs across various ports:

JNPA	Mundra	Pipavav	Hazira	Chennai, Ennore, Kattupalli	Kochi		Tuticorin	 Visakhapatnam		Kolkata	Haldia	
34	15	3	5	32	5	-	17	9		7	4	1

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





Dwell Time Performance: CFS Export Cycle



		JFM'24 (in hrs)		OND'23 (in hrs)	JFM'23 (in hrs)	OADT (in hrs)	QADT (in hrs)
	Western Region	62.8		59.2	66.4	67.4	68.5
	JNPA	65.3	U	69.0	73.3	75.8	75.4
	Mundra	59.5	0	46.4	58.3	57.3	58.5
EXPORT	Southern Region	42.4		54.4	34.6	37.0	40.9
EXE	Chennai, Ennore, Kattupalli	50.8	U	58.8	39.8	42.0	47.7
	Tuticorin	23.3	U	52.9	22.1	24.7	24.5
	Eastern Region	104.5		104.6	96.4	94.6	97.1
	Visakhapatnam	79.5	U	95.4	89.2	82.1	81.7
	Kolkata	125.2	U	129.1	99.4	102.0	107.0

Below are number of CFSs across various ports:

			 	Chennai, Ennore,					
JNPA	Mundra	Pipavav	Hazira	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



Performance Benchmarking: PAN India CFSs



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



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Dwell Time Performance: ICD Import & Export Cycle



		JFM'24 (in hrs)	OND'23 (in hrs)	JFM'23 (in hrs)	OADT (in hrs)	QADT (in hrs)
监	Western Region	123.2	134.9	144.3	136.1	134.0
MPO	Southern Region	118.6	150.4	129.3	133.3	119.7
=	Eastern Region	126.3	97.5	-	113.9	126.3
	Northern Region	118.7	131.6	132.3	133.3	131.2

		JFM'24 (in hrs)	OND'23 (in hrs)	JFM'23 (in hrs)	OADT (in hrs)	QADT (in hrs)
H.	Western Region	85.1	104.0	90.2	92.9	92.2
EXPORT	Northern Region	102.2	106.8	99.3	97.8	100.3
û						

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

ICD Performance Benchmarking: PAN India



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



Low Performing ICD

ICD Pali (KIPL)

Note:

Please refer annexure for ICD names

Top Performing

ICD

Adani ICD, Tumb

High Potential

ICD

Gateway Rail Freight ICD,

Gurgaon

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Dwell Time Performance: Domestic Containers



Terminal dwell time performance for handling domestic containers:

Dwell time for handling domestic containers

Overall domestic containers distribution among terminals

		JFM'24 (in hrs)		OND'23 (in hrs)	JFM'24 (%)	OND'23 (%)
	International Container Transhipment Terminal, Kochi	59.4	U	61.0	28.8%	25.3%
	Visakha Container Terminal	43.7	U	54.6	13.6%	12.1%
	PSA SICAL Terminals	67.1	U	80.7	9.8%	10.4%
	Bharat Mumbai Container Terminals(PSA)	13.9	U	15.7	8.9%	9.6%
	Mangalore Container Terminal Private Limited (MCTPL)	77.8	U	82.7	6.1%	7.2%
<u>s</u>	Nhava Sheva India Gateway Terminal (NSIGT)	67.1	0	51.9	4.5%	4.6%
Terminals	Chennai Container Terminal Pvt. Ltd. (CCTL)	116.7	U	117.8	4.0%	3.7%
Tern	Chennai International Terminals Pvt Ltd (CITPL)	53.7	U	58.2	3.8%	4.0%
•	Dakshin Bharat Gateway Terminal (DBGT)	45.1	U	67.0	3.6%	1.4%
	Kandla International Container Terminal (KICT)	169.9	0	147.6	3.6%	7.3%
	Nhava Sheva International Container Terminal (NSICT)	46.5	U	50.5	3.5%	6.1%
	Nhava Sheva Freeport Terminal (NSFT)	20.6	U	52.1	3.3%	1.9%
	Kolkata Dock System (KDS) , Kolkata Port	47.6	0	44.1	3.1%	4.0%
	Haldia International Container Terminal (HICT)	136.8	0	120.0	2.6%	2.0%
	Paradip International Cargo Terminal	72.5	0	57.8	0.8%	0.4%

Terminal handling highest domestic containers



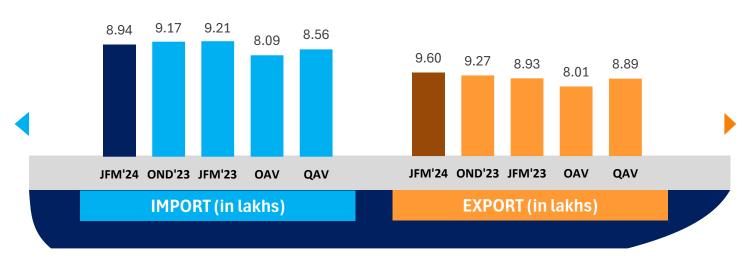


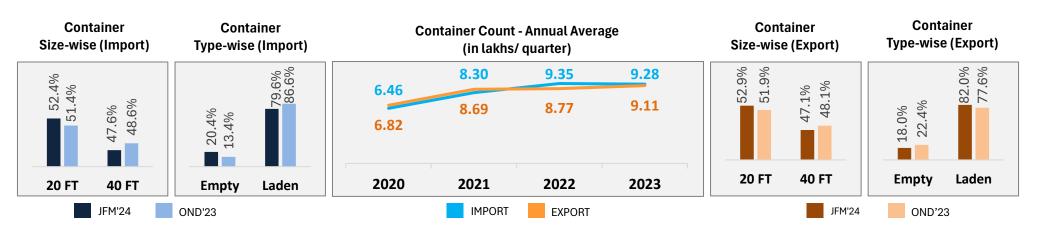
02 WESTERN REGION PERFORMANCE

Container Count: Western Region









OAV – Overall Avg Volume

QAV - Quarterly Avg Volume

Dwell Time Performance: Western Region Import Cycle





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QADT - Quarterly Avg Dwell Time

All values are in hours

Dwell Time Performance: Western Region Export Cycle





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QADT - Quarterly Avg Dwell Time

EXPORT

All values are in hours

Container Turnaround Analysis: Western Region



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

Port In	Port Out	No. of Boxes Handled (in Percentage)			Turnaround Time (in Days)			
(Import Cycle)	(Export Cycle)	JFM'24	OND'23	JFM'23	JFM'24	OND'23	JFM'23	
INIDA	JNPA	95%	95%	96%	26.1	28.2	26.0	
JNPA	Other Ports	5%	5%	4%	57.2	59.1	54.2	
Munde	Mundra	95%	94%	96%	35.1	36.9	33.9	
Mundra	Other Ports	5%	6%	4%	50.7	53.3	48.6	
Harrisa	Hazira	97%	97%	97%	29.7	37.2	33.2	
Hazira	Other Ports	3%	3%	3%	60.6	66.5	50.2	
	Kandla	80%	84%	75%	51.5	38.4	46.5	
Kandla	Mundra	19%	15%	24%	42.7	59.6	48.9	
	Other Ports	1%	1%	1%	53.1	44.0	42.4	
	Mundra	49%	49%	51%	44.0	44.9	44.7	
Pipavav	Pipavav	48%	48%	45%	29.6	29.8	33.1	
	Other Ports	3%	3%	4%	47.0	46.4	47.0	

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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	Port Terminal Out	No. of Boxes Handled (in Percentage)			Turnaround Time (in Days)		
(Import Cycle)	(Export Cycle)	JFM'24	OND'23	JFM'23	JFM'24	OND'23	JFM'23
	Bharat Mumbai Container Terminals(PSA)	41%	32%	41%	26.7	31.7	24.3
	Gateway Terminals India (GTI)	29%	28%	27%	25.6	26.7	24.6
Bharat Mumbai Container Terminals(PSA)	Nhava Sheva Freeport Terminal (NSFT)	4%	4%	2%	28.1	38.0	25.4
	Nhava Sheva India Gateway Terminal (NSIGT)	13%	15%	13%	23.4	31.6	25.2
	Nhava Sheva International Container Terminal (NSICT)	13%	21%	17%	29.9	34.3	28.4
	Bharat Mumbai Container Terminals(PSA)	25%	23%	26%	25.1	24.1	24.6
	Gateway Terminals India (GTI)	51%	50%	46%	22.4	22.0	23.8
Gateway Terminals India (GTI)	Nhava Sheva Freeport Terminal (NSFT)	4%	5%	2%	25.5	26.3	24.3
	Nhava Sheva India Gateway Terminal (NSIGT)	8%	10%	10%	25.0	25.1	23.6
	Nhava Sheva International Container Terminal (NSICT)	12%	12%	16%	26.8	26.2	27.9
	Bharat Mumbai Container Terminals(PSA)	24%	23%	26%	36.4	31.3	34.2
	Gateway Terminals India (GTI)	31%	31%	29%	29.5	32.7	25.7
Nhava Sheva Freeport Terminal (NSFT)	Nhava Sheva Freeport Terminal (NSFT)	17%	16%	17%	21.9	31.6	21.8
	Nhava Sheva India Gateway Terminal (NSIGT)	15%	15%	12%	21.8	27.1	19.1
	Nhava Sheva International Container Terminal (NSICT)	13%	15%	16%	77.0	44.4	75.4
	Bharat Mumbai Container Terminals(PSA)	24%	18%	18%	32.3	28.9	32.1
	Gateway Terminals India (GTI)	19%	17%	19%	27.3	27.5	25.9
Nhava Sheva India Gateway Terminal (NSIGT)	Nhava Sheva Freeport Terminal (NSFT)	7%	5%	3%	24.0	27.6	23.8
	Nhava Sheva India Gateway Terminal (NSIGT)	39%	45%	46%	26.9	28.5	28.4
	Nhava Sheva International Container Terminal (NSICT)	11%	15%	14%	32.2	31.9	40.3
	Bharat Mumbai Container Terminals(PSA)	24%	27%	25%	30.8	33.1	30.1
NII 01 11 11 12 12 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15	Gateway Terminals India (GTI)	30%	24%	28%	30.1	35.5	30.5
Nhava Sheva International Container Terminal	Nhava Sheva Freeport Terminal (NSFT)	3%	3%	2%	41.7	40.6	39.7
(NSICT)	Nhava Sheva India Gateway Terminal (NSIGT)	9%	8%	10%	35.5	34.1	25.0
	Nhava Sheva International Container Terminal (NSICT)	34%	38%	35%	35.1	33.1	30.6

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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)		
(import Gyate)	(Export Oyele)	JFM'24	OND'23	JFM'23	JFM'24	OND'23	JFM'23
	Adani CMA Mundra Terminal (ACMTPL)	58%	58%	50%	35.4	39.8	34.6
	Adani International Container Terminal (AICTPL)	2%	3%	2%	32.5	35.6	34.0
Adani CMA Mundra Terminal (ACMTPL)	Adani Mundra Container Terminal (AMCT)	22%	23%	28%	32.2	39.0	34.7
	Adani Mundra Container Terminal -2	6%	5%	6%	29.1	34.7	27.8
	Mundra International Container Terminal (MICT)	12%	11%	14%	29.8	26.7	27.9
	Adani CMA Mundra Terminal (ACMTPL)	2%	3%	2%	29.6	40.1	22.2
	Adani International Container Terminal (AICTPL)	85%	83%	84%	47.7	44.4	45.7
Adani International Container Terminal (AICTPL)	Adani Mundra Container Terminal (AMCT)	5%	6%	7%	32.9	33.5	28.4
	Adani Mundra Container Terminal -2	3%	3%	4%	41.8	34.0	31.8
	Mundra International Container Terminal (MICT)	5%	5%	3%	44.3	38.9	35.8
	Adani CMA Mundra Terminal (ACMTPL)	26%	28%	25%	35.6	39.7	37.1
	Adani International Container Terminal (AICTPL)	6%	8%	5%	27.4	34.1	33.9
Adani Mundra Container Terminal (AMCT)	Adani Mundra Container Terminal (AMCT)	42%	38%	48%	29.3	33.0	31.1
	Adani Mundra Container Terminal -2	17%	15%	13%	28.7	35.1	31.8
	Mundra International Container Terminal (MICT)	9%	11%	9%	30.6	34.8	35.8
	Adani CMA Mundra Terminal (ACMTPL)	17%	17%	12%	30.0	36.5	29.9
	Adani International Container Terminal (AICTPL)	9%	11%	8%	25.5	38.0	33.3
Adani Mundra Container Terminal -2	Adani Mundra Container Terminal (AMCT)	32%	29%	29%	28.0	35.5	29.3
	Adani Mundra Container Terminal -2	27%	29%	35%	36.0	32.6	31.8
	Mundra International Container Terminal (MICT)	15%	14%	16%	29.9	36.0	42.2
	Adani CMA Mundra Terminal (ACMTPL)	6%	7%	5%	32.0	36.8	28.6
	Adani International Container Terminal (AICTPL)	7%	7%	4%	45.1	57.7	43.9
Mundra International Container Terminal (MICT)	Adani Mundra Container Terminal (AMCT)	14%	11%	12%	28.0	34.0	28.8
	Adani Mundra Container Terminal -2	4%	4%	6%	50.6	46.2	46.6
	Mundra International Container Terminal (MICT)	69%	71%	73%	30.9	31.0	28.5

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Vestern Region

Western Region Performance



Container Lifecycle (Import Cycle)

Port Dwell Time

		JFM'24 (in hrs)		OND'23 (in hrs)
IMPORT	Truck	16.7	O	18.8
IM	Train	47.7	U	65.8
	Overall	20.5	O	23.7



CFS/ICD Dwell Time

JFM'24 (in hrs)		OND'23 (in hrs)
89.1	O	94.7
123.2	O	134.9
	(in hrs)	(in hrs)

		JFM'24 (in hrs)		OND'23 (in hrs)
EXPORT	Truck	85.7	0	80.3
EXF	Train	124.1	0	109.5
	Overall	91.7	0	84.7



JFM'24 OND'23 (in hrs) (in hrs)

CFS 62.8 1 59.2

ICD 85.1 104.0

Port Dwell Time CFS/ ICD Dwell Time

Container Lifecycle (Export Cycle)





Port Performance Benchmarking: Western Region



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



Abb.	Name of Terminal
Α	Adani CMA Mundra Terminal (ACMTPL)
В	Adani Hazira Port Private Limited (AHPPL)
С	Adani International Container Terminal (AICTPL)
D	Adani Mundra Container Terminal (AMCT)
Е	Bharat Mumbai Container Terminals(PSA)
F	Gateway Terminals India (GTI)
G	APM Terminals Pipavav, Gujarat
Н	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)
М	Adani Mundra Container Terminal-2 (AMCT-2)

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

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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
Α	Adani CMA Mundra Terminal (ACMTPL)
В	Adani Hazira Port Private Limited (AHPPL)
С	Adani International Container Terminal (AICTPL)
D	Adani Mundra Container Terminal (AMCT)
Е	Bharat Mumbai Container Terminals(PSA)
F	Gateway Terminals India (GTI)
G	APM Terminals Pipavav, Gujarat
Н	Nhava Sheva Freeport Terminal (NSFT)
1	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)
М	Adani Mundra Container Terminal-2 (AMCT-2)

X-Axis: Change in dwell time

Y-Axis: Change in no. of boxes

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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):



Abb.	Name of Terminal
Α	Adani CMA Mundra Terminal (ACMTPL)
В	Adani Hazira Port Private Limited (AHPPL)
С	Adani International Container Terminal (AICTPL)
D	Adani Mundra Container Terminal (AMCT)
Е	Bharat Mumbai Container Terminals(PSA)
F	Gateway Terminals India (GTI)
G	APM Terminals Pipavav, Gujarat
Н	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)
М	Adani Mundra Container Terminal-2 (AMCT-2)

X-Axis: Dwell Time
Y-Axis: TEU Capacity

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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:



Low Performing CFS

Honey Comb CFS, Mundra

Note:

Please refer annexure for CFS names

Top Performing

CFS

Adani CFS Eximyard, Mundra

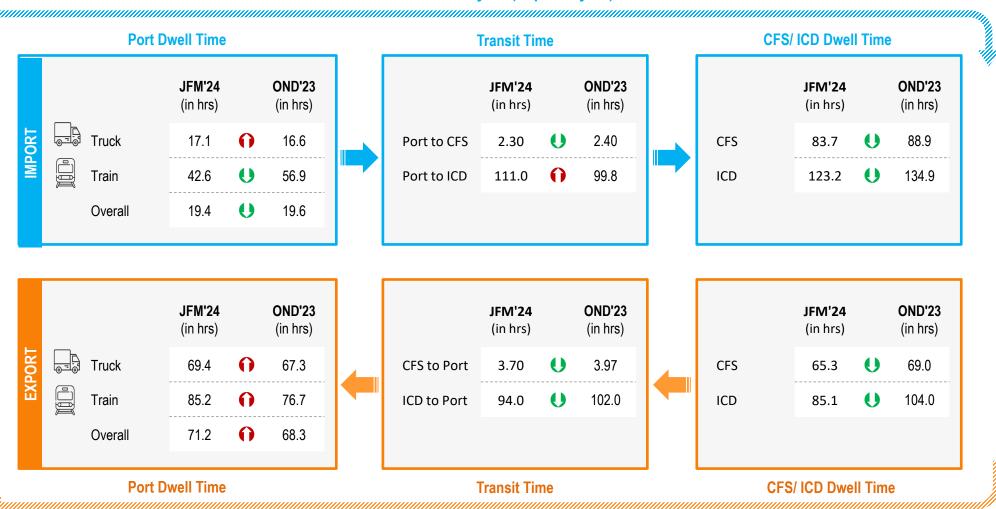
High Potential CFS

CWC Polaris logistics park

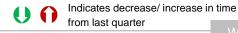
JNPA Port Performance



Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)



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JNPA Port Performance



		Particulars	JFM'24 (in hrs)	OND'23 (in hrs)
		Import Overall	19.4	19.6
<u>o</u>		Truck bound containers	17.1	16.6
Cycle		Train bound containers	42.6	56.9
nc O tr	Dwell Time	Direct Port Delivery (DPD) containers	23.7	23.9
Import		Containers bound for CFS	17.1	15.8
_		Empty containers	27.0	22.4
		Laden containers	18.4	19.3
	Transit Time	Port to ICD	111.0	99.8
	Hansil Hille	Port to CFS	2.30	2.40

		JFM'24 (in hrs)	OND'23 (in hrs)	
		Export Overall	71.2	68.3
<u>o</u>		Truck Bound Containers	69.4	67.3
Export Cycle		Train Bound Containers	85.2	76.7
ort (Dwell Time	Direct Port Entry (DPE) containers	74.3	74.4
odx:		Containers bound from CFS	71.4	66.5
ш		Empty Containers	65.4	62.8
		Laden Containers	74.5	71.2
	Transit Time	ICD to Port	94.0	102.0
	Transit Time	CFS to Port	3.70	3.97

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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	JFM'24 (in hrs)
Gate in - Gate Out	6.20

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

	Within 2 hrs	2-4 hrs	4-8 hrs	8-16 hrs	16-24 hrs	More that 24 hrs	
Parking Plaza Dwell Time	7%	21%	37%	25%	7%	3%	

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

Port Terminal	JFM'24 (in hrs)
NSFT	1.7
NSICT	3.1
GTI	0.8
NSIGT	1.6
BMCT	2.6

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

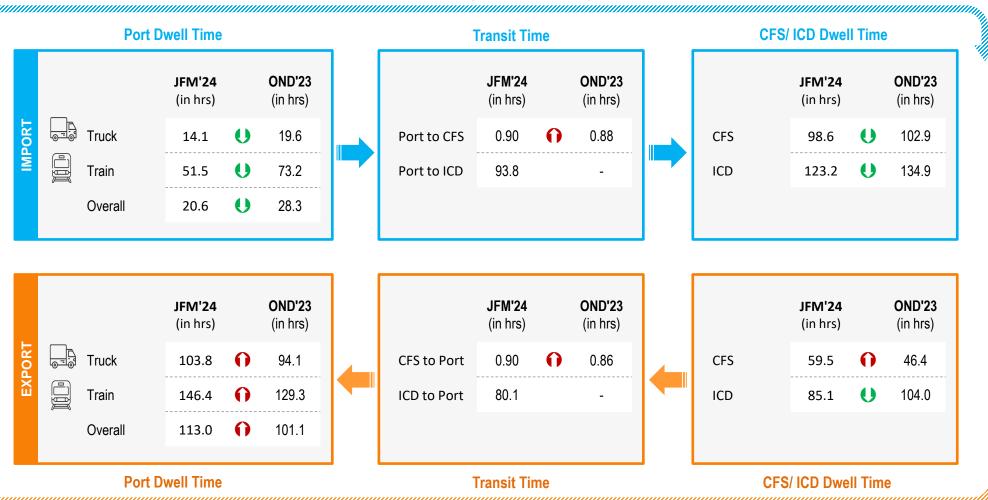
Parking Plaza to Port Terminal	Within 1 hrs	1-2 hrs	2-3 hrs	3-4 hrs	4-5 hrs	More than 5 hrs
NSFT	22%	39%	14%	17%	3%	5%
NSICT	17%	22%	9%	10%	13%	29%
GTI	63%	25%	7%	3%	1%	1%
NSIGT	34%	23%	13%	12%	6%	12%
ВМСТ	6%	33%	21%	13%	8%	19%

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Mundra 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: Mundra Port



The analysis showcases waiting time of containers at parking plaza:

Parking Plaza Dwell Time (Gate In – Gate Out)	JFM'24 (in hrs)
Adani Parking Yard No.1	1.4
Adani Parking Yard, Hazira	10.2
North Gate Parking Yard	10.0

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

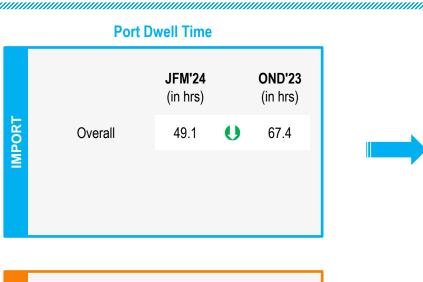
Parking Plaza Dwell Time	Within 2 hrs	2-4 hrs	4-8 hrs	8-16 hrs	16-24 hrs	More than 24 hrs
Adani Parking Yard No. 1	65%	18%	9%	5%	2%	1%
Adani Parking Yard, Hazira	7%	9%	24%	50%	4%	6%
North Gate Parking Yard	12%	13%	19%	20%	19%	17%

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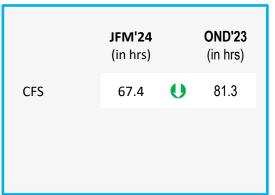
Pipavav Port Performance



Container Lifecycle (Import Cycle)

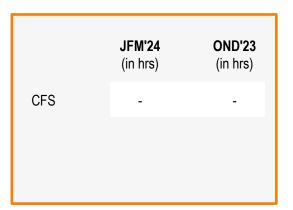






		JFM'24 (in hrs)		OND'23 (in hrs)
EXPORT	Overall	105.7	0	95.1





Port Dwell Time CFS/ ICD Dwell Time

Container Lifecycle (Export Cycle)





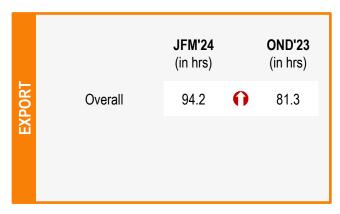
Kandla Port Performance



Container Lifecycle (Import Cycle)

Port Dwell Time





Port Dwell Time

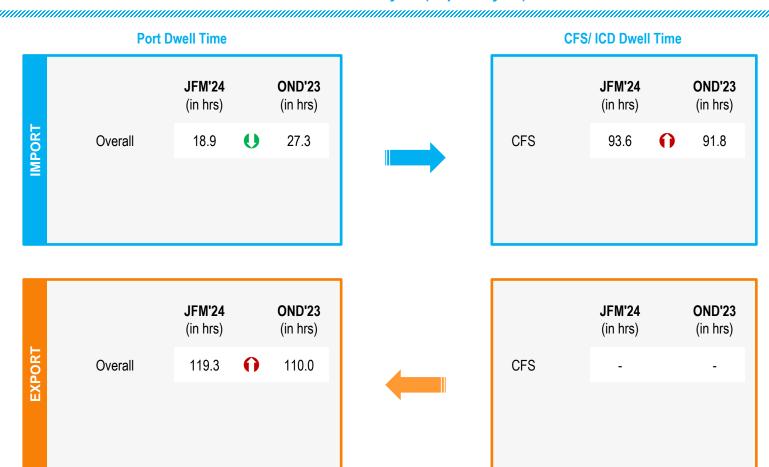
Container Lifecycle (Export Cycle)



Hazira Port Performance



Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)





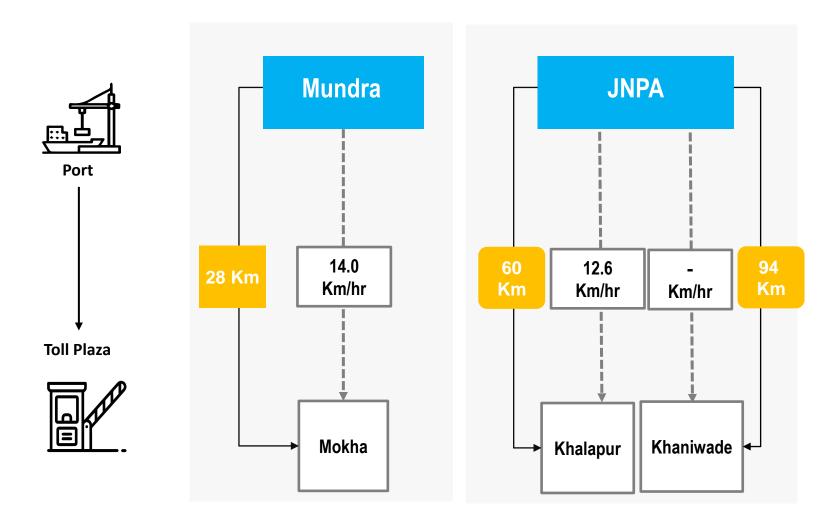
CFS/ ICD Dwell Time

Port Dwell Time

Port to Toll Plaza Transit Analysis: Western Region



Average speed of trucks to cover the distance between port to nearest toll plaza for JFM 2024:

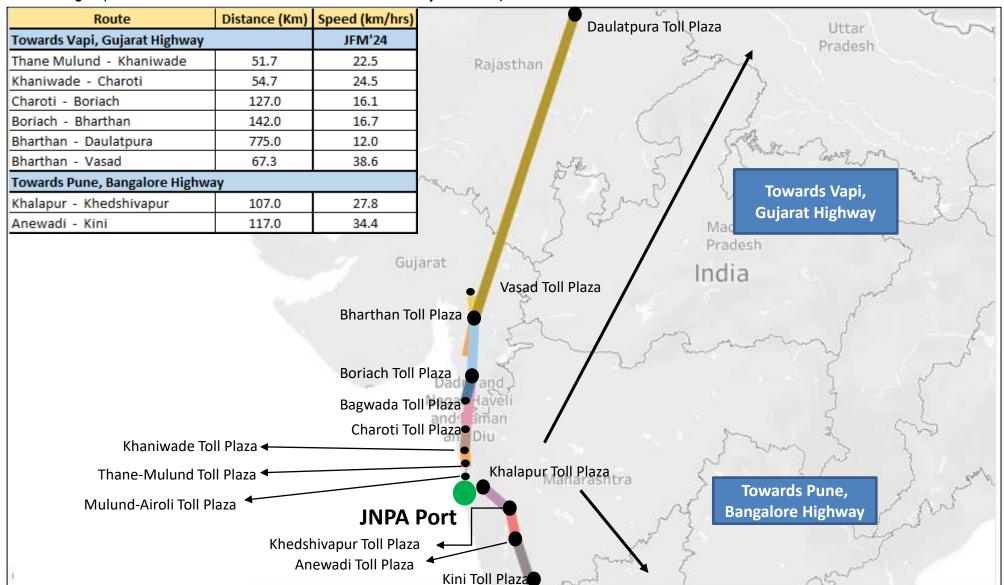


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Toll Plaza Analysis: JNPA Port



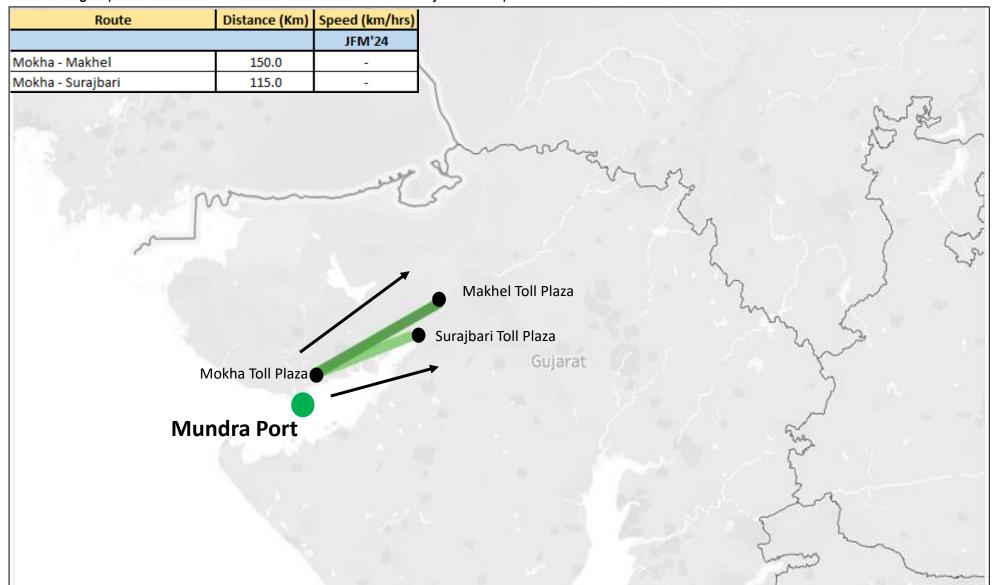
The average speed of trucks to cover the distance between adjacent toll plazas for JFM 2024:



Toll Plaza Analysis: Mundra Port



The average speed of trucks to cover the distance between adjacent toll plazas for JFM 2024:



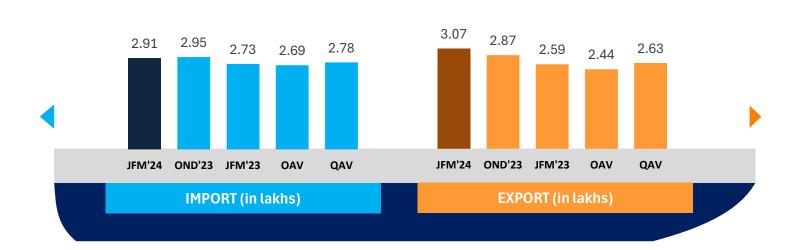


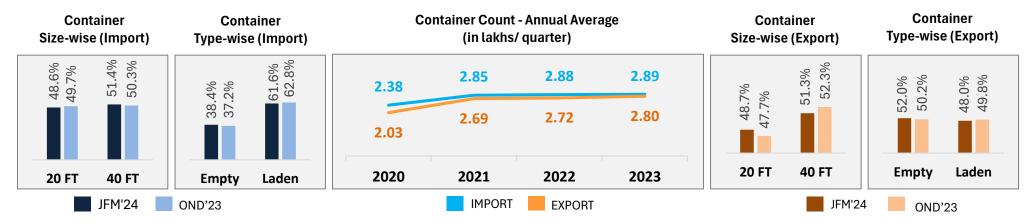
03 SOUTHERN REGION PERFORMANCE

Container Count: Southern Region





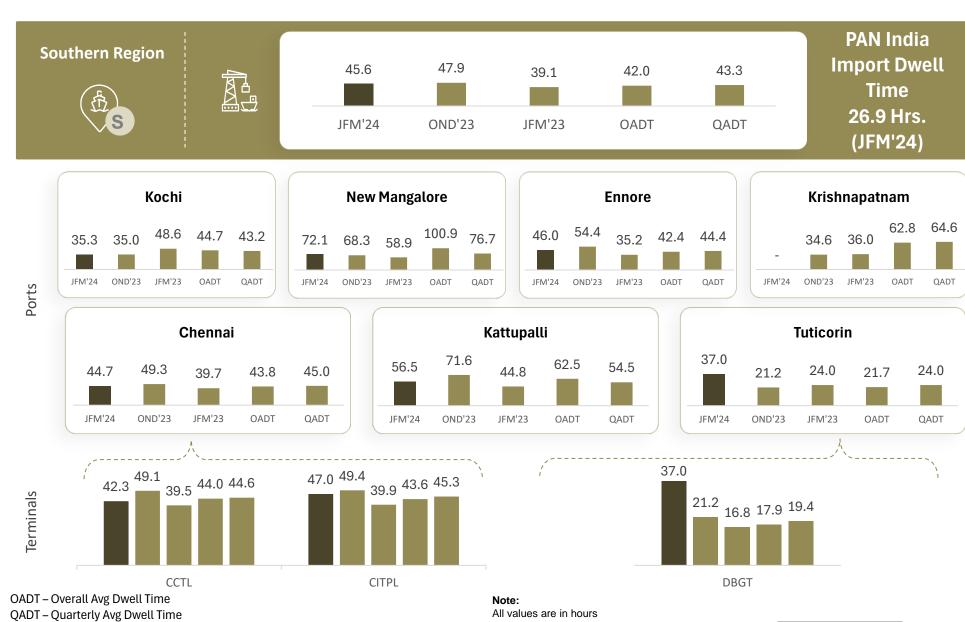




OAV - Overall Avg Volume QAV - Quarterly Avg Volume

Dwell Time Performance: Import Cycle

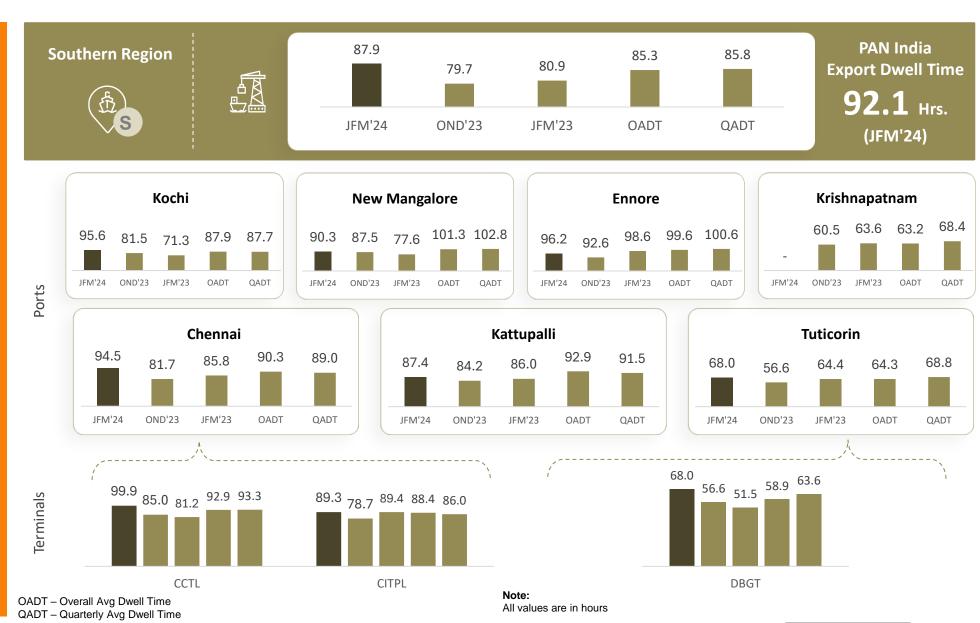




IMPORT

Dwell Time Performance: Southern Region Export Cycle





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	Port Out		. of Boxes Handled (in Percentage)		Turnaround Time (in Days)		
(Import Cycle)	(Export Cycle)	JFM'24	OND'23	JFM'23	JFM'24	OND'23	JFM'23
Kochi	Kochi	99%	100%	-	21.7	23.5	-
KUCIII	Other Ports	1%	-	-	22.7	-	-
Ганала	Ennore	91%	91%	94%	26.1	24.7	27.1
Ennore	Other Ports	9%	9%	6%	30.0	30.6	35.2
Tuticorin	Tuticorin	100%	100%	100%	25.0	31.0	23.7
Tuticoniii	Other Ports	-	-	-	-	-	-
	Chennai	69%	78%	73%	27.0	23.5	24.1
Chennai	Kattupalli	28%	20%	25%	26.5	24.8	23.7
	Other Ports	3%	2%	2%	33.5	33.4	36.7
	Kattupalli	71%	62%	72%	28.7	29.8	27.6
Kattupalli	Chennai	27%	37%	27%	26.3	25.5	25.2
	Other Ports	2%	1%	1%	31.8	50.8	32.7

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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	Port Terminal Out	No. of Boxes Handled (in Percentage)			Turnaround Time (in Days)			
(Import Cycle)	(Export Cycle)	JFM'24	OND'23	JFM'23	JFM'24	OND'23	JFM'23	
CCTL	CCTL	68%	67%	74%	27.2	24.3	22.3	
CCIL	CITPL	32%	33%	26%	27.0	20.9	24.8	
CITPL	CITPL	62%	65%	66%	27.6	24.1	25.6	
	CCTL	38%	35%	34%	26.2	23.2	23.1	

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Southern Region Performance



Container Lifecycle (Import Cycle)

Port Dwell Time

		JFM'24 (in hrs)		OND'23 (in hrs)
IMPORT	Truck	45.2	O	48.0
IMP	Train	58.4	0	47.7
	Overall	45.6	O	47.9



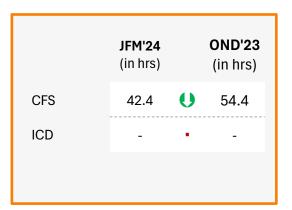
CFS/ICD Dwell Time

	JFM'24 (in hrs)		OND'23 (in hrs)
CFS	126.4	0	110.1
ICD	156.5	0	150.4

		JFM'24 (in hrs)		OND'23 (in hrs)
EXPORT	Truck	87.4	0	79.2
EXE	Train	97.0	0	90.8
	Overall	87.9	0	79.7

Port Dwell Time





CFS/ ICD Dwell Time

Container Lifecycle (Export Cycle)









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



Abb.	Name of Terminal
Α	Chennai Container Terminal Pvt. Ltd. (CCTL)
В	Chennai International Terminals Pvt Ltd (CITPL)
С	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)
Н	Adani Ennore Container Terminal
I	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)

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:

Performance Index – JFM'24						
Star Performer ★ ★ ★	o. of oxes				★ ★ Slov	V Bulk Mover
	Change in no. of				C -4	
	5		• H	• E		
				• A	• G	
			В			Change in Dwell Time
		• D				
High Potential *					★ Needs I	mprovement

Abb.	Name of Terminal
Α	Chennai Container Terminal Pvt. Ltd. (CCTL)
В	Chennai International Terminals Pvt Ltd (CITPL)
С	Dakshin Bharat Gateway Terminal (DBGT)
D	International Container Transhipment Terminal, Kochi
Е	Adani Kattupalli Port Private Limited (AKPPL)
F	PSA SICAL Terminals
G	Mangalore Container Terminal Private Limited (MCTPL)
Н	Adani Ennore Container Terminal
I	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)

X-Axis: Change in dwell time

Y-Axis: Change in no. of boxes

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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):



Abb.	Name of Terminal
Α	Chennai Container Terminal Pvt. Ltd. (CCTL)
В	Chennai International Terminals Pvt Ltd (CITPL)
С	Dakshin Bharat Gateway Terminal (DBGT)
D	International Container Transhipment Terminal, Kochi
Е	Adani Kattupalli Port Private Limited (AKPPL)
F	PSA SICAL Terminals
G	Mangalore Container Terminal Private Limited (MCTPL)
Н	Adani Ennore Container Terminal
I	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)

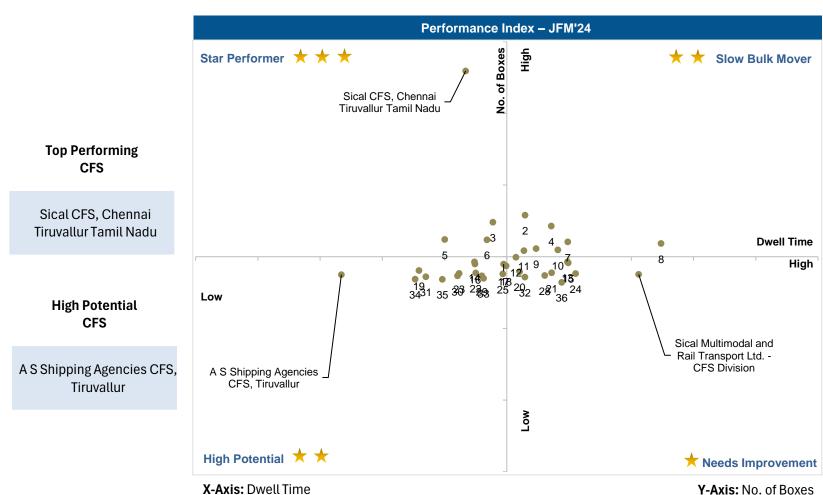
X-Axis: Dwell Time Y-Axis: TEU Capacity

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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:



Low Performing CFS

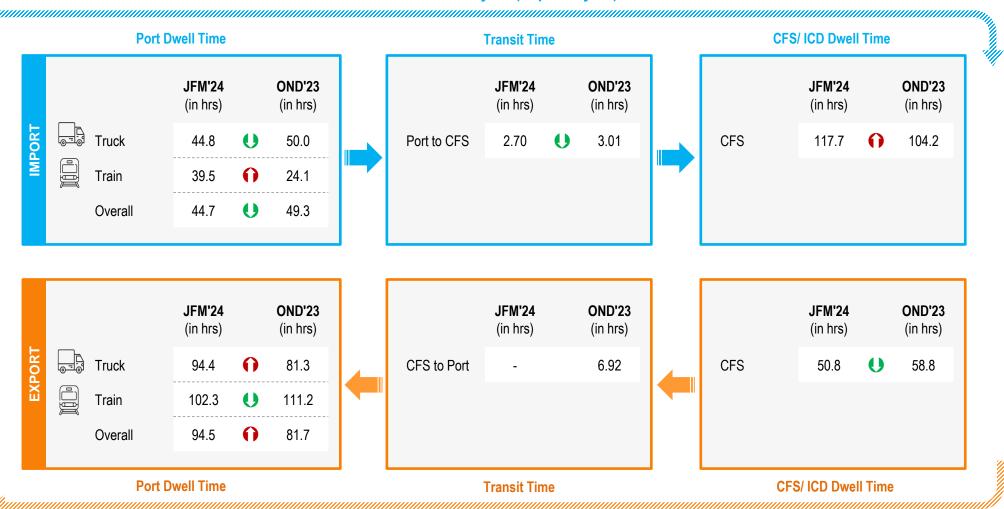
Sical Multimodal and Rail Transport Ltd. - CFS Division

Note:

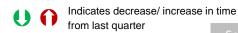
Chennai Port Performance



Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)



Parking Plaza Analysis: Chennai Port



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

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

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

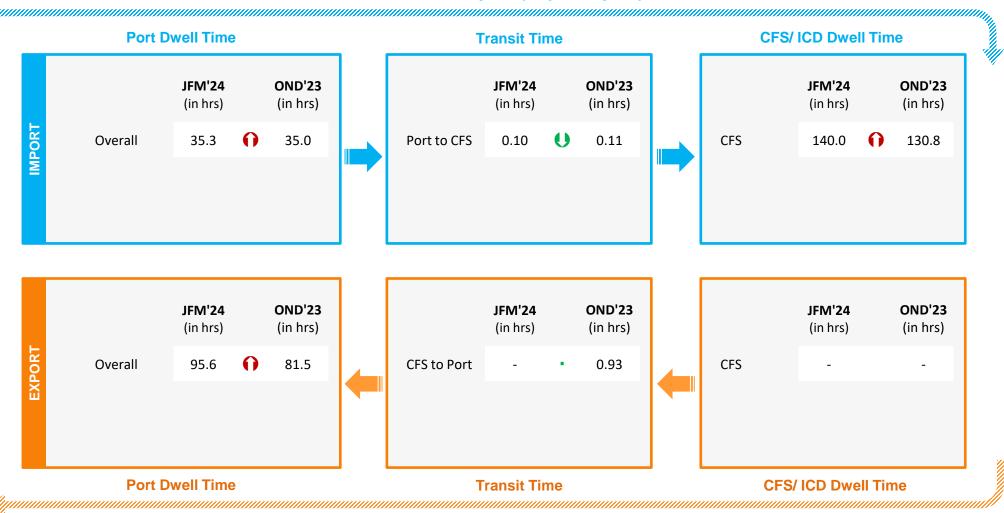
	Within 2 hrs	2-4 hrs	4-8 hrs	8-16 hrs	16-24 hrs	More than 24 hrs
Parking Plaza Dwell Time	11%	31%	36%	17%	4%	1%

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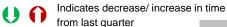
Kochi Port Performance



Container Lifecycle (Import Cycle)



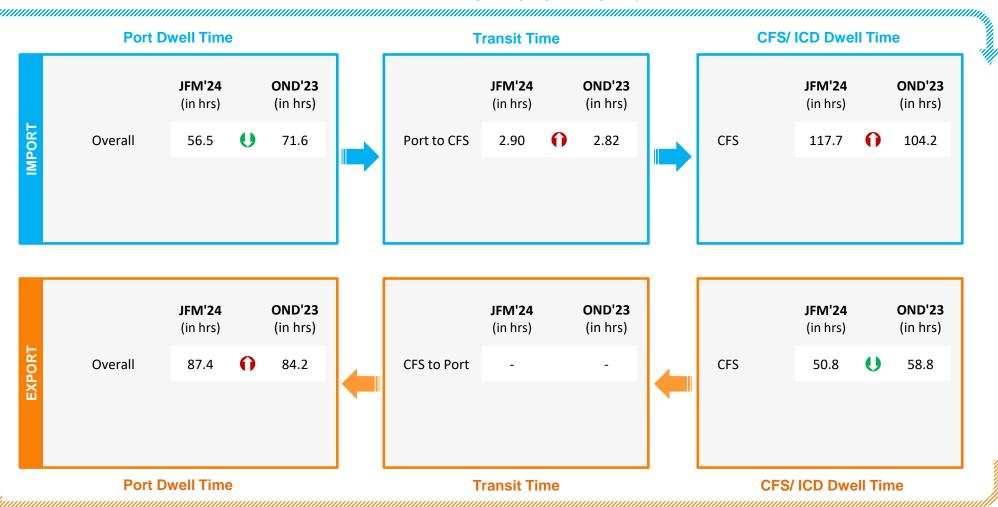
Container Lifecycle (Export Cycle)



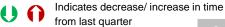
Kattupalli Port Performance



Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)

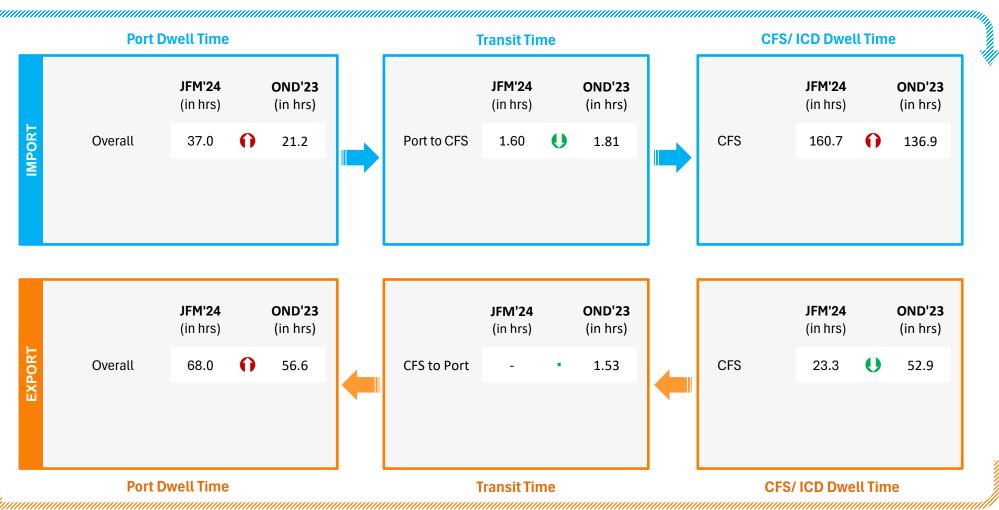


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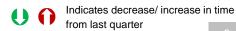
Tuticorin Port Performance



Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)



Ennore Port Performance

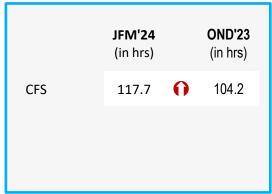


Container Lifecycle (Import Cycle)

Port Dwell Time

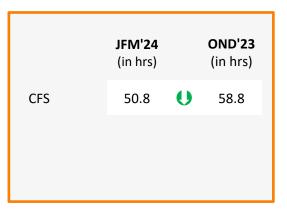
			JFM'24 (in hrs)		OND'23 (in hrs)
IMPORT		Truck	46.5	O	55.6
		Train	25.5	0	24.2
		Overall	46.0	U	54.4





			JFM'24 (in hrs)		OND'23 (in hrs)
EXPORT		Truck	95.5	0	92.4
		Train	104.5	0	95.7
		Overall	96.2	0	92.6





Port Dwell Time

CFS/ICD Dwell Time

Container Lifecycle (Export Cycle)



Indicates decrease/increase in time from last quarter

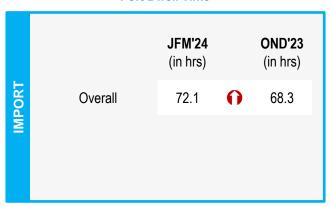
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New Mangalore Performance



Container Lifecycle (Import Cycle)

Port Dwell Time





Port Dwell Time

Container Lifecycle (Export Cycle)





Port to Toll Plaza Analysis: Southern Region



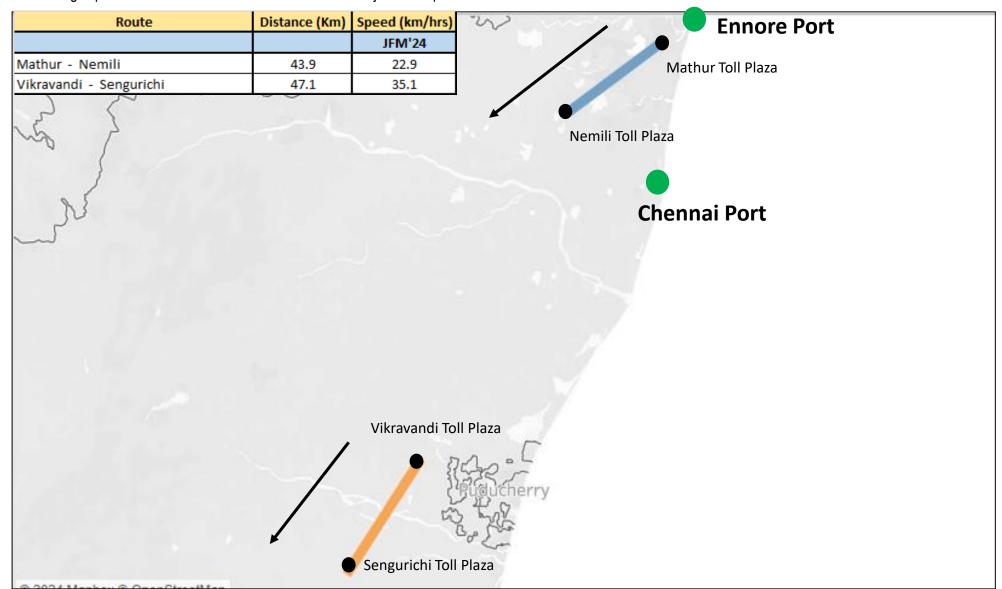
Below table depicts the average speed of a truck to cover the distance between the port and nearest toll plaza:

Region	Port	Adjacent Toll plaza	Distance (in Km)	Average Speed (in Km/ hr) JFM' 24
	Kochi	Kumabalam	21	-
		Ponnarimangalam	16	-
		GIPL Palayekara	70	-
Southern	Now Mangalara	Brahamarakotlu	25	22.9
	New Mangalore	Talapady	23	19.0
	Chennai	Mathur	19	8.8
	Tuticorin	Pudurpandiyapuram	29	-

Toll Plaza Analysis: Chennai and Ennore Port



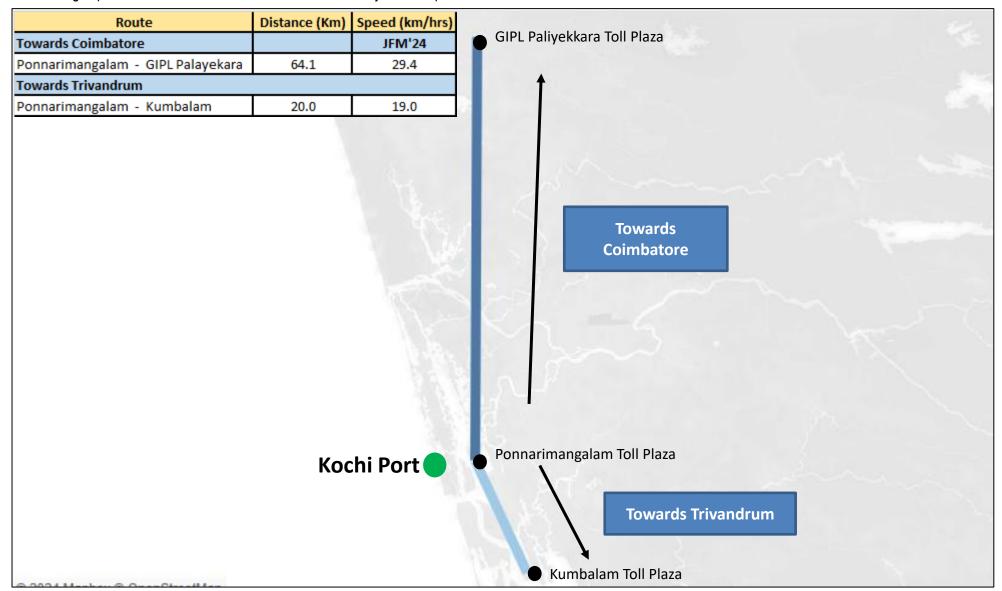
The average speed of trucks to cover the distance between adjacent toll plazas for JFM 2024:



Toll Plaza Analysis: Kochi Port



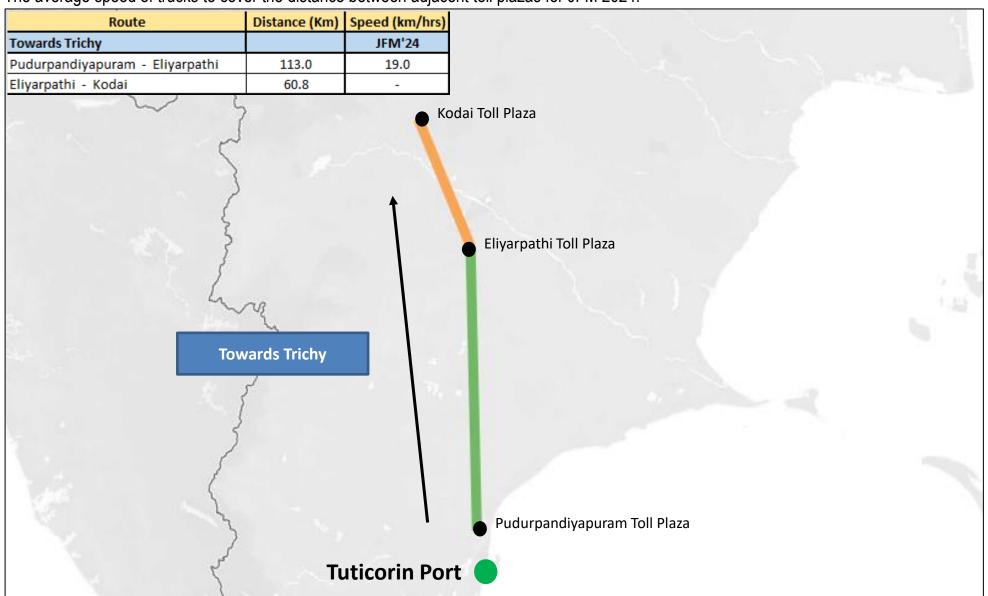
The average speed of trucks to cover the distance between adjacent toll plazas for JFM 2024:



Toll Plaza Analysis: Tuticorin Port



The average speed of trucks to cover the distance between adjacent toll plazas for JFM 2024:





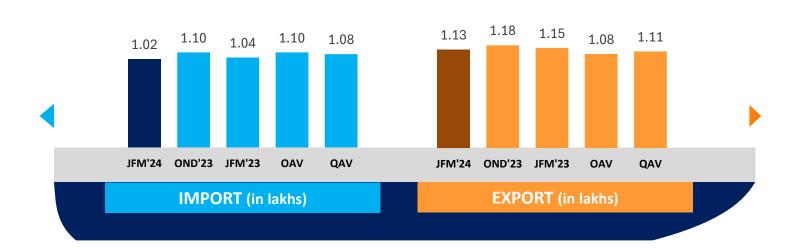
EASTERN REGION PERFORMANCE

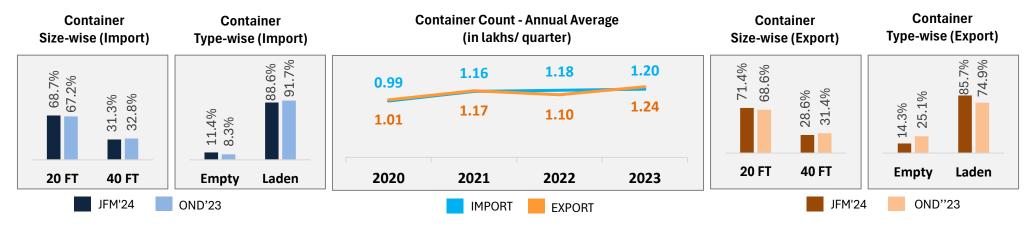
www.ldb.co.in -

Container Count: Eastern Region





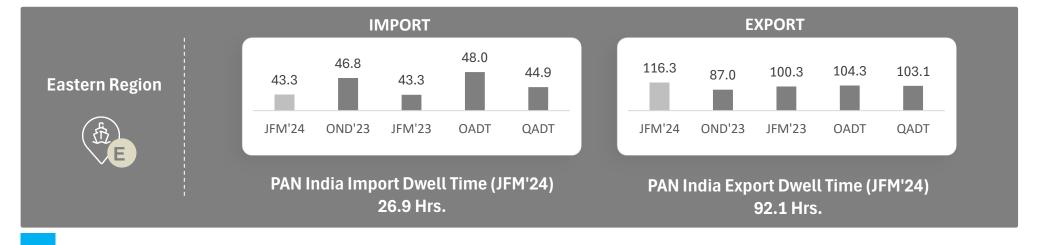




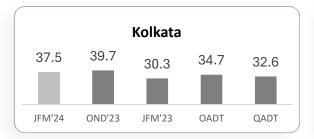
OAV – Overall Avg Volume QAV – Quarterly Avg Volume

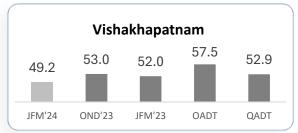
Dwell Time Performance: Eastern Region Import and Export Cycle

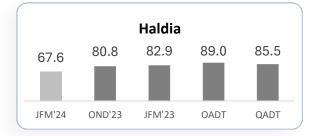




IMPORT Ports

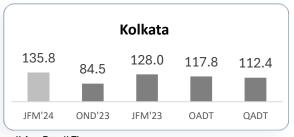


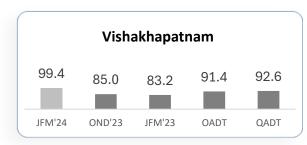


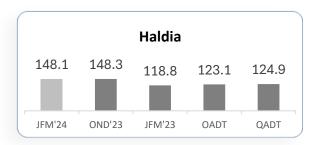


Ports

EXPORT







OADT - Overall Avg Dwell Time QADT - Quarterly Avg Dwell Time

Note: All values are in hours

Container Turnaround Analysis: Eastern Region



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

Port In	Port Out (Export Cycle)	No. of Boxes Handled (in Percentage)			Turnaround Time (in Days)		
(Import Cycle)		JFM'24	OND'23	JFM'23	JFM'24	OND'23	JFM'23
Vicalibonatnam	Visakhapatnam	96%	97%	98%	31.8	39.0	30.9
Visakhapatnam	Other Ports	4%	3%	2%	66.8	60.4	61.2
	Kolkata	91%	95%	-	37.7	36.1	-
Kolkata	Haldia	6%	2%	-	42.4	53.5	-
	Other Ports	3%	3%	-	48.6	50.2	-
	Haldia	95%	85%	100%	37.0	71.0	29.0
Haldia	Kolkata	4%	14%	-	43.1	56.0	-
	Other Ports	1%	1%	-	62.1	55.6	-

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Eastern Region Performance



Container Lifecycle (Import Cycle)

Port Dwell Time

		JFM'24 (in hrs)		OND'23 (in hrs)
IMPORT	Truck	39.0	O	41.4
IMP	Train	152.1	U	205.9
	Overall	43.3	O	46.8



CFS/ICD Dwell Time

	JFM'24 (in hrs)		OND'23 (in hrs)
CFS	150.8	0	146.6
ICD	131.0	0	97.5

		JFM'24 (in hrs)		OND'23 (in hrs)
EXPORT	Truck	112.0	0	85.1
EXE	Train	142.4	0	102.8
	Overall	116.3	0	87.0



JFM'24 OND'23 (in hrs) (in hrs)

CFS 104.5 104.6

ICD - -

Port Dwell Time

CFS/ ICD Dwell Time

Container Lifecycle (Export Cycle)





Indicates decrease/ increase in dwell time from last quarter

Port Performance Benchmarking: Eastern Region



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

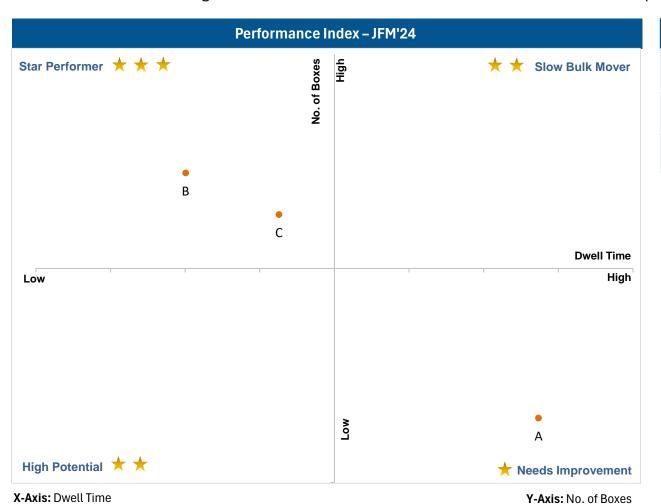


Abb.	Name of Terminal
Α	Haldia International Container Terminal (HICT)
В	Kolkata Dock System (KDS) , Kolkata Port
С	Visakha Container Terminal

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:

Pe	erformance Index – JFM'24	
Star Performer ★ ★ ★	Change in no. of	★ ★ Slow Bulk Mover
		Change in Dwell Time
		• A
		· C
High Potential ★ ★		★ Needs Improvement

Abb.	Name of Terminal
Α	Haldia International Container Terminal (HICT)
В	Kolkata Dock System (KDS) , Kolkata Port
С	Visakha Container Terminal

X-Axis: Change in dwell time
Y-Axis: Change in no. of boxes

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



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



Abb.	Name of Terminal
Α	Haldia International Container Terminal (HICT)
В	Kolkata Dock System (KDS) , Kolkata Port
С	Visakha Container Terminal

X-Axis: Dwell Time
Y-Axis: TEU Capacity

CFS Performance Benchmarking: Eastern Region



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



Transworld Terminals Pvt. Ltd.

High Potential CFS

SICAL CFS



Low Performing CFS

Allcargo Logistics CFS

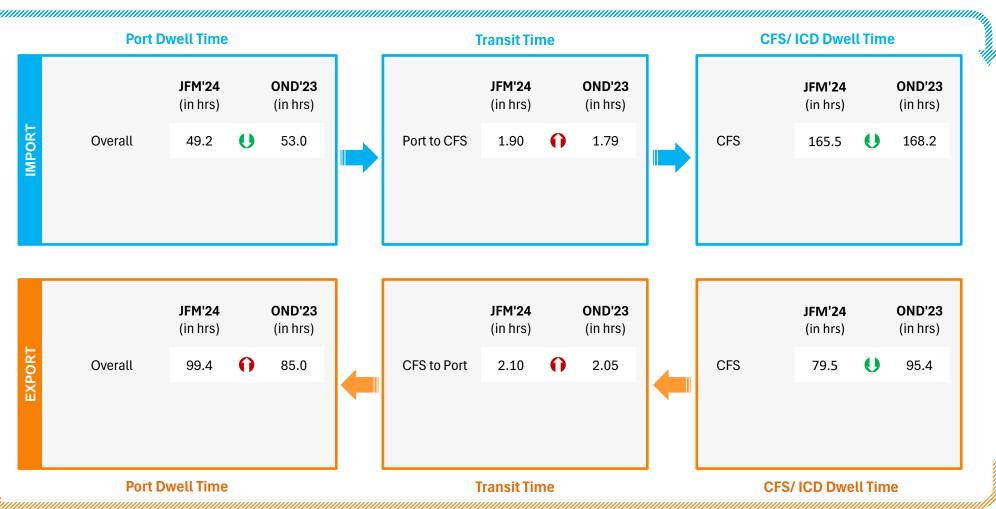
Note:

Please refer annexure for CFS names

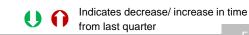
Visakhapatnam Port Performance



Container Lifecycle (Import Cycle)



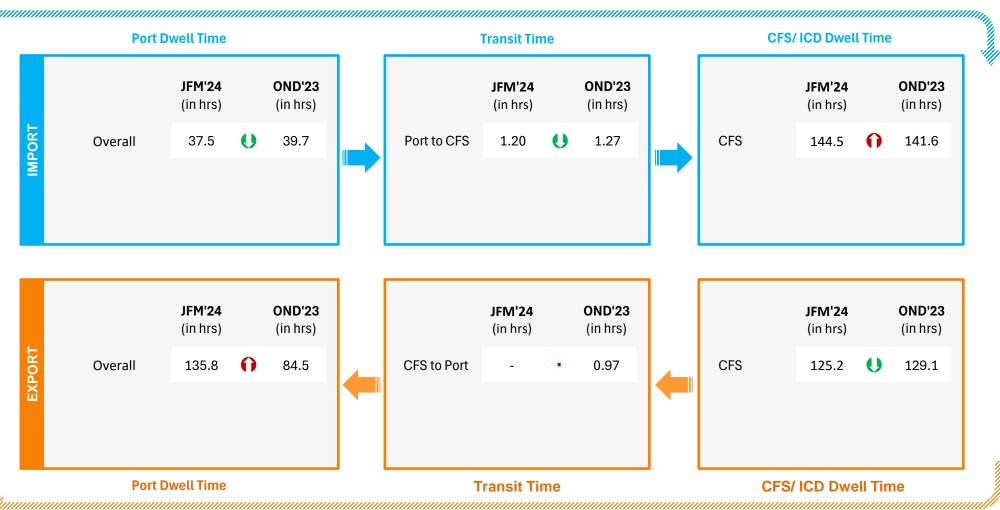
Container Lifecycle (Export Cycle)



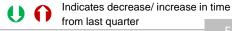
Kolkata Port Performance



Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)



Parking Plaza Analysis: Kolkata Port



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

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

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

	Within 2 hrs	2-4 hrs	4-8 hrs	8-16 hrs	16-24 hrs	More that 24 hrs	
Parking Plaza Dwell Time	64%	25%	9%	2%	0%	0%	

Parking Plaza to Kolkata	JFM'24
Port	(in hrs)
Gate Out – Terminal In	0.2

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

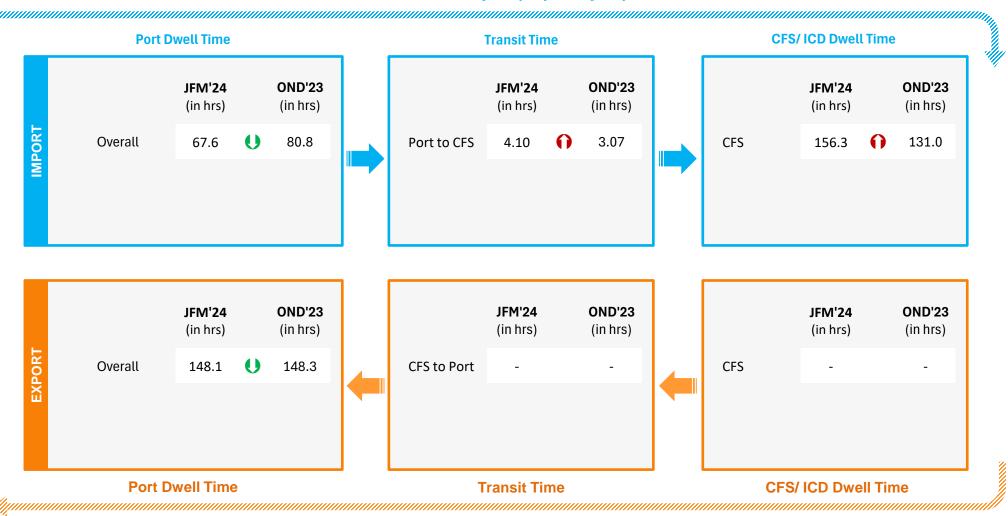
Parking Plaza to Port Terminal	Within 1 hrs	1-2 hrs	2-3 hrs	3-4 hrs	4-5 hrs	More than 5 hrs
Kolkata Port (KDS)	96%	3%	0%	0%	1%	0%

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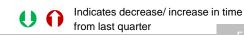
Haldia Port Performance



Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)



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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:

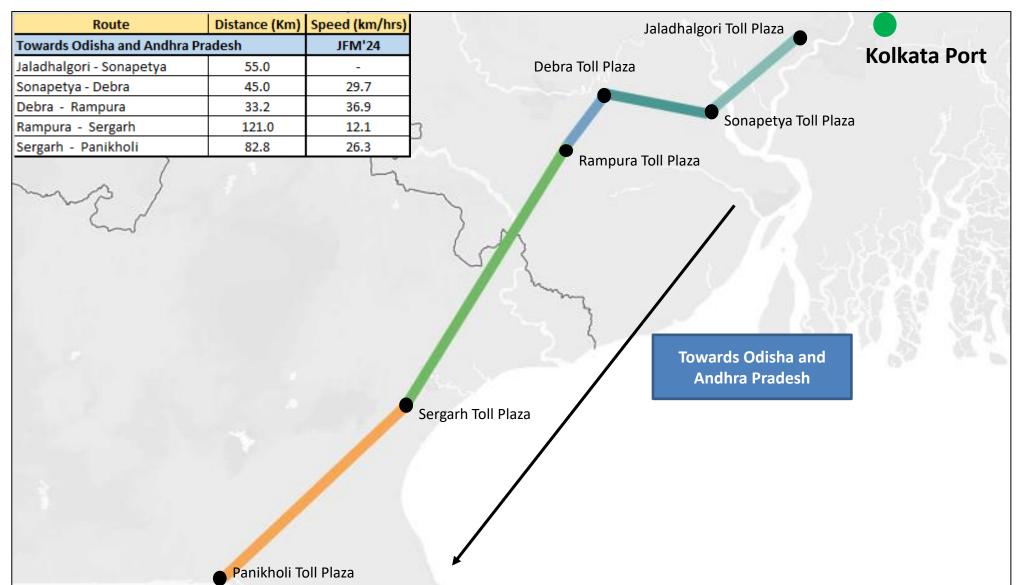
Region	Port	Adjacent Toll plaza	Distance	Average Speed (in Km/hrs)
Hegion	rore	Aujacent Toll plaza	(in KM)	JFM'24
		Rampura	134	13.2
	Kolkata	Dankuni	28	7.5
		Gopgram	233	-
Eastern				
	Haldia	Sonapetya	44	10.3
	Min alde an atman	Nathavalasa	59	11.2
	Visakhapatnam	Sheelanagar	23	25.1

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Toll Plaza Analysis: Kolkata Port



The average speed of trucks to cover the distance between adjacent toll plazas for JFM 2024:





CONGESTION & TRANSIT ANALYSIS

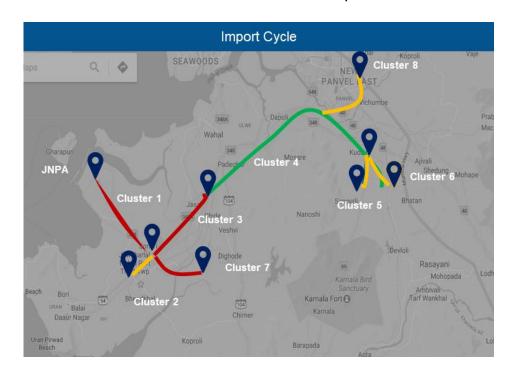
Congestion Analysis & Methodology



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

Methodology

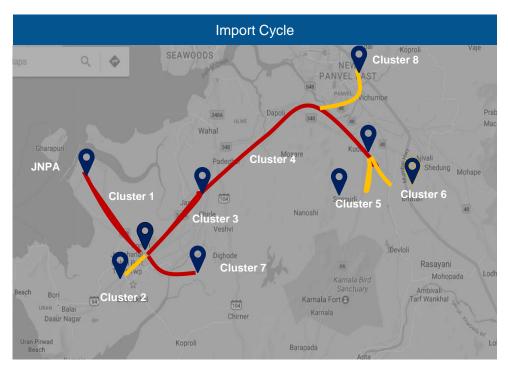
- Step 1 CFSs are divided into clusters based on their vicinity.
- Step 2 Cluster based transit time is calculated. The transit time is the travel time between CFS clusters and port or vice versa.
- Step 3 Cluster-based congestion level is calculated as per the below steps:
 - 1. Cluster-based transit time is compared with the 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	6.71%	High
Cluster 2	Bhendkhal Area, Khopate Road	6	16.15%	Medium
Cluster 3	Sonari Area, JNPA Road	2	15.68%	High
Cluster 4	Chirle Area, JNPA Road	1	0.88%	High
Cluster 5	Plaspa Area, Coach Kanyakumari Highway	2	13.36%	Medium
Cluster 6	Salva Apta Road Area, Bangalore Highway	5	27.45%	Medium
Cluster 7	Patilpada Area, Khopate JNPA Road	3	18.94%	High
Cluster 8	Taloja, Navi Mumbai	1	0.83%	Medium

Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	JNPA Area	1	5.78%	High
Cluster 2	Bhendkhal Area, Khopate Road	6	8.74%	High
Cluster 3	Sonari Area, JNPA Road	2	16.43%	High
Cluster 4	Chirle Area, JNPA Road	1	7.37%	High
Cluster 5	Plaspa Area, Coach Kanyakumari Highway	2	17.17%	High
Cluster 6	Salva Apta Road Area, Bangalore Highway	5	27.90%	High
Cluster 7	Patilpada Area, Khopate JNPA Road	3	15.32%	High
Cluster 8	Taloja, Navi Mumbai	1	1.29%	High

Congestion Level High Medium Low

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Congestion Analysis: Mundra Region







Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	APSEZ Area	12	81.78%	High
Cluster 2	Hind Circle	2	14.62%	Medium
Cluster 3	Mota Kapaya	1	3.60%	Medium

Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	APSEZ Area	12	98.32%	High
Cluster 2	Hind Circle	2	1.09%	Medium
Cluster 3	Mota Kapaya	1	0.59%	Medium

Congestion Level High Medium Low

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Congestion Analysis: Chennai Region





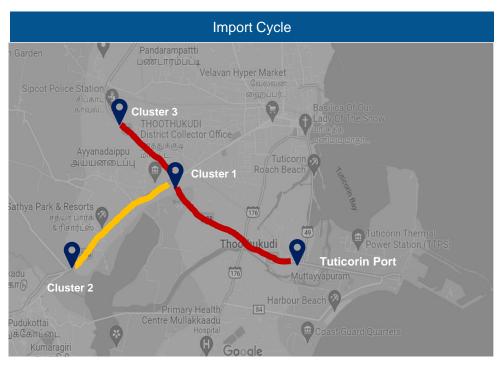
Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Thiruvottiyur High Road Junction	3	22.62%	Medium
Cluster 2	Aandarkuppam - Melur Junction	14	64.02%	Medium
Cluster 3	Kattupalli Port bound Area	2	0.23%	High
Cluster 4	Minjur - Ponneri bound Area	3	2.89%	Medium
Cluster 5	Madhavaram - Moolakadai Junction	3	7.19%	Medium
Cluster 6	Poonamallee - Sriperumbadur Junction	5	3.05%	High

Congestion Level High Medium Low

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Congestion Analysis: Tuticorin Region



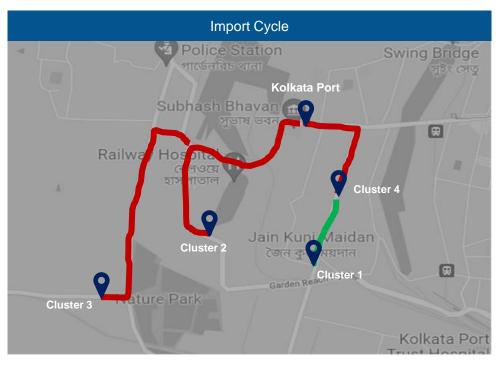


Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Periyanayagapuram, Thoothukudi, Madurai Road	4	12.98%	High
Cluster 2	Tirunelveli Road near by Podukottai	2	16.76%	Medium
Cluster 3	Sipcot Area near by Madurai Road	8	70.26%	High

Congestion Level High Medium Low

Congestion Analysis: Kolkata Region





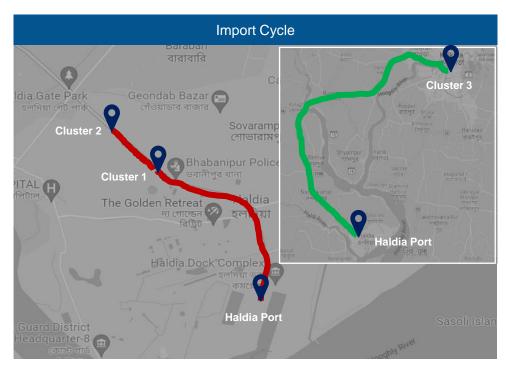
Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Base Bridge Area	3	43.47%	Low
Cluster 2	Sonapur Road Area	1	19.28%	High
Cluster 3	Nature Park Area	1	32.59%	High
Cluster 4	Babu Bazar Area	1	4.66%	High

Congestion Level High Medium Low

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Congestion Analysis: Haldia Region





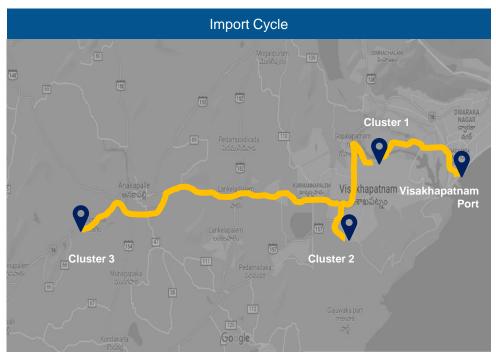
Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Talpukur Area, Kolkata Highway	1	15.71%	High
Cluster 2	City Centre Area, Kolkata Highway	2	51.35%	High
Cluster 3	Silpodanga Area	1	32.94%	Low

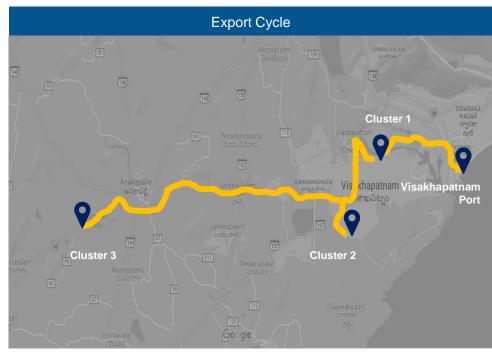
Congestion Level High Medium Low

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Congestion Analysis: Visakhapatnam Region







Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Port Road, Gopalapatnam Area	4	72.43%	Medium
Cluster 2	Autonagar, Gajuwaka Area	3	23.35%	Medium
Cluster 3	Chennai – Kolkata Highway, Bayyavaram Area	1	4.22%	Medium

Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	Port Road, Gopalapatnam Area	4	76.60%	Medium
Cluster 2	Autonagar, Gajuwaka Area	3	22.09%	Medium
Cluster 3	Chennai – Kolkata Highway, Bayyavaram Area	1	1.31%	Medium

Congestion Level High Medium Low

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Transit Movement across ICPs



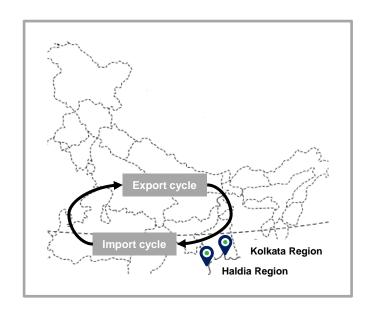
Transit movement across ICPs from Kolkata & Haldia Port Terminal:

Kolkata Port Terminal

Cycle	Mode	ICP Raxaul
Import	Overall	121.8 hrs

Haldia Port Terminal

Import Cycle	Mode	ICP Raxaul
	Overall	101.3 hrs



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06 ANNEXURE

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Annexure - Terminal Names



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

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

Annexure – ICD Names



List of ICD names used in the ICD Performance Index

	List of foo fidines used in the foot ferformance index
Ref. no.	Name
1	The Thar Dry Port ICD Ahmedabad
2	Hind Terminals Logistics Park ICD, Palwal
3	Continental Warehousing Corporation Nhava Sheva pvt.
4	Adani ICD, Tumb
5	CONCOR Kanakpura ICD, Jaipur
6	The Thar Dry Port Jodhpur
7	KLPL ICD, Kanpur
8	Vaishno Container Terminal-ICD Tarapur
9	Allcargo Logistics Park ICD, Dadri
10	CMA CGM Logistics Park, Dadri
11	CONCOR ICD, Dadri
12	ICD Jajpur (Jindal Stainless Ltd.)
13	Gateway Rail Freight ICD, Pyala
14	Kribhco ICD, Meerut
15	Pegasus Inland Container Depot
16	Adani Logistics Park ICD, Gurgaon
17	ICD KIFTPL Kashipur
18	APM Terminals ICD, Dadri
19	Albatross Inland Ports ICD, Dadri
20	Gateway Rail ICD, Sahnewal
21	ICD Sachana (CWC)
22	ICD Timmapur, Telangana
23	ICD Pali (KIPL)
24	Gateway Rail Freight ICD, Gurgaon
25	CONCOR ICD, Aurangabad
26	CONCOR Tughlakabad ICD, New Delhi

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	22	Navkar Corporation Yard 3 CFS, Panvel	
2	Speedy Multimode CFS, JNPT	23	Ashutosh CFS, Mundra	
3	Saurashtra CFS, Mundra	24	Navkar Corporation Yard 2 CFS, Panvel	
4	Punjab Conware CFS, Navi Mumbai	25	Landmark CFS, Mundra	
5	TG Terminals CFS, Mundra	26	Honey Comb CFS, Mundra	
6	AllCargo Logistics	27	Hind Terminals Pvt. Ltd. CFS, Mundra	
7	JWR CFS	28	LCL Logistics CFS, Pipavav	
8	MICT CFS, Mundra	29	Ocean Gate CFS, Panvel	
9	JWC Logistics Park CFS	30	International Cargo Terminal CFS	
10	Seabird CFS, Mundra	31	Vaishno Logistics CFS, Navi Mumbai	
11	EFC Logistics India	32	Transworld CFS, Mundra	
12	Ameya Logistics CFS, Navi Mumbai	33	Navkar Corporation Yard 1 CFS, Panvel	
13	CWC CFS, Mundra	34	Kerry Indev Logistics Pvt Ltd CFS	
14	Seabird CFS, Navi Mumbai	35	International Cargo Terminals (ULA) CFS, Navi Mumbai	
15	Sarveshwar CFS	36	CWC Polaris logistics park	
16	CWC Conex Terminal CFS	37	APM (Maersk India) CFS, Navi Mumbai	
17	Apollo Logisolutions CFS, Panvel	38	Dronagiri Rail Terminal CFS, Navi Mumbai	
18	Ashte Logistics CFS, Panvel	39	Hind Terminal CFS, Hazira	
19	AllCargo CFS, Mundra	40	Take Care Logistics CFS	
20	CWC Impex Park CFS, Navi Mumbai	41	Contrans Logistic CFS, Pipavav	
21	Rishi CFS, Mundra			

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Annexure - CFS Names - Southern & Eastern Region



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

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

List of CES names used in Eastern CES





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