Logistics Data Bank (LDB) Analytics Report – JNPA

May 2025

NLDS
NICDC LOGISTICS DATA SERVICES LTD
Logistics Redefined

Index

Overall Analysis

Executive Summary

Terminal wise Dwell Time Performance – Snapshot

Import Cycle		
Port Terminals	May'25 (in hrs)	Apr'25 (in hrs)
NSFT	25.5	20.7
NSICT	36.2	26.4
GTI	26.4	22.4
NSIGT	32.5	23.4
BMCT	23.6	27.3

Export Cycle		
Port Terminals	May'25 (in hrs)	Apr'25 (in hrs)
NSFT	76.6	70.3
NSICT	58.0	62.2
GTI	73.3	75.1
NSIGT	87.2	79.8
BMCT	78.1	77.2

Critical Incident Summary
Jawaharlal Nehru Port Authority

- Overall container handling performance (Port Dwell Time) has declined in both import and export cycle. CFS dwell Time performance has declined in import cycle and has improved in export cycle. ICD dwell performance has improved in both import and export cycle.

Month	Port Dwell Time Import	Port Dwell Time Export	CFS Dwell Time Import	CFS Dwell Time Export	ICD Dwell Time Import	ICD Dwell Time Export
May'25	28.1 hrs ↑	74.4 hrs ↑	84.7 hrs ↑	60.2 hrs ↓	142.3 hrs ↓	106.0 hrs ↓
Apr'25	24.2 hrs *16.1%*	73.3 hrs *1.5%*	81.9 hrs *3.4%*	65.2 hrs *7.7%*	168.1 hrs *15.3%*	109.0 hrs *2.8%*

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

Container Transportation Performance: Western Corridor

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	May'25 (in hrs)		Apr'25 (in hrs)
Truck	27.7	↑	20.8
Train	72.2	↑	64.5
Overall	32.1	↑	25.1

CFS/ ICD Dwell Time

	May'25 (in hrs)		Apr'25 (in hrs)
CFS	90.8	↑	89.2
ICD	142.3	↓	168.1

Container Lifecycle (Export Cycle)

Port Dwell Time

EXPORT

	May'25 (in hrs)		Apr'25 (in hrs)
Truck	85.3	↑	82.2
Train	117.2	↓	125.9
Overall	89.6	↑	88.0

CFS/ ICD Dwell Time

	May'25 (in hrs)		Apr'25 (in hrs)
CFS	62.6	↓	64.0
ICD	106.0	↓	109.0

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

Port Performance Benchmarking & Performance Index: Western Region

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

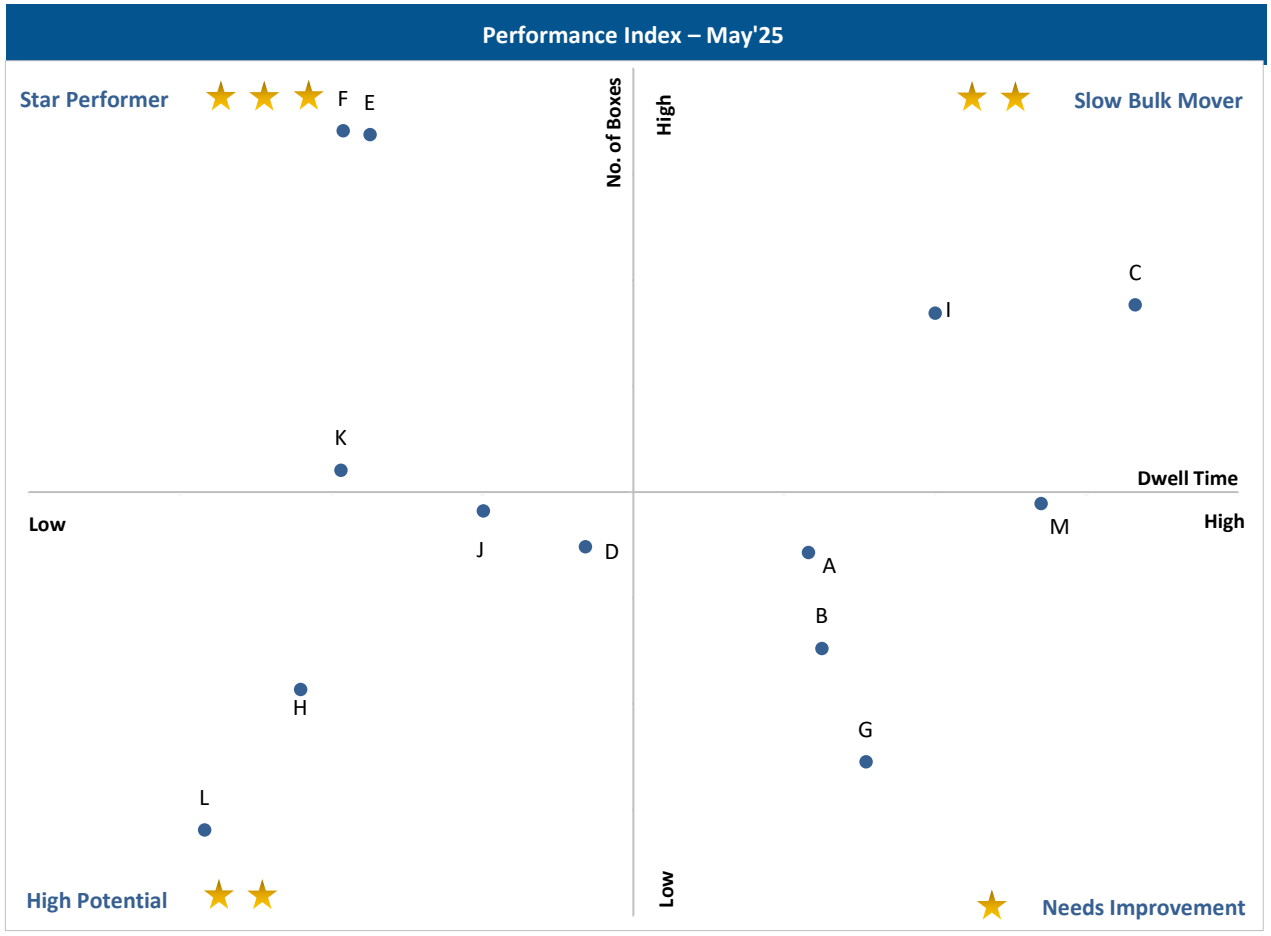


Abb.	Name of Terminal
A	Adani CMA Mundra Terminal (ACMTPL)
B	Adani Hazira Port Private Limited (AHPPL)
C	Adani International Container Terminal (AICTPL)
D	Adani Mundra Container Terminal (AMCT)
E	Bharat Mumbai Container Terminals(PSA)
F	Gateway Terminals India (GTI)
G	APM Terminals Pipavav, Gujarat
H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

X-Axis: Dwell Time
Threshold value (in hours): 62.3

Y-Axis: No. of Boxes
Threshold value (no. of boxes): 52,745

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

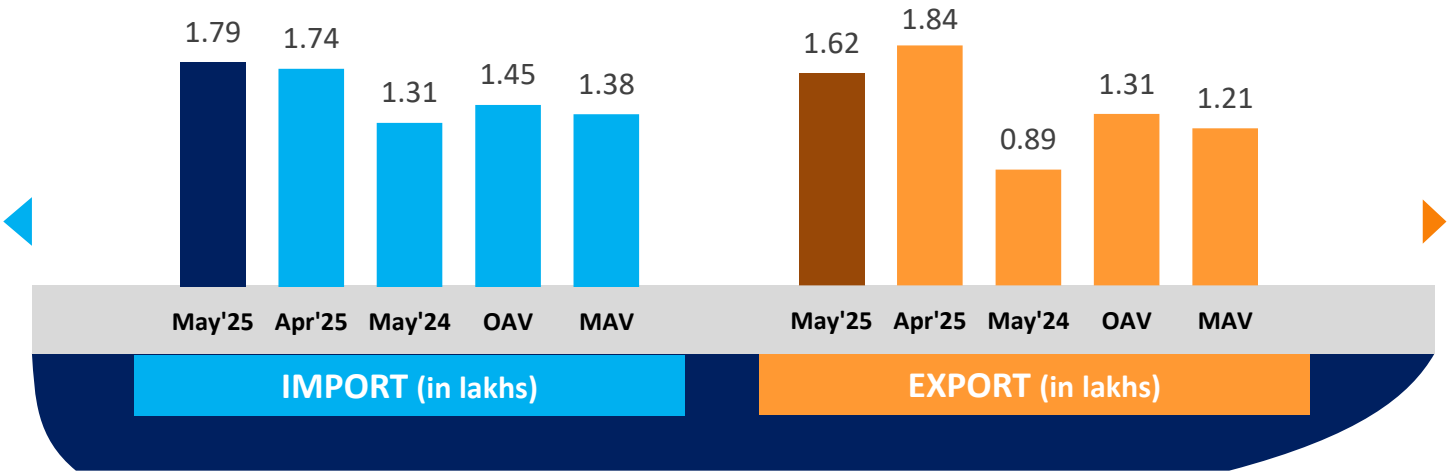
High Potential ★★
Entities with low container count and low dwell time

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

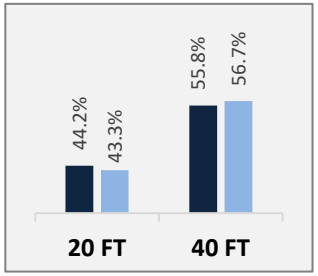
Needs Improvement ★
Entities with low container count and high dwell time

Container Count (No. of boxes): JNPA Port Terminals

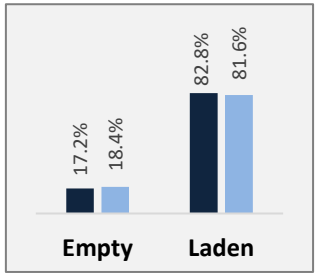
Jawaharlal Nehru Port Authority



Container Size-wise (Import)

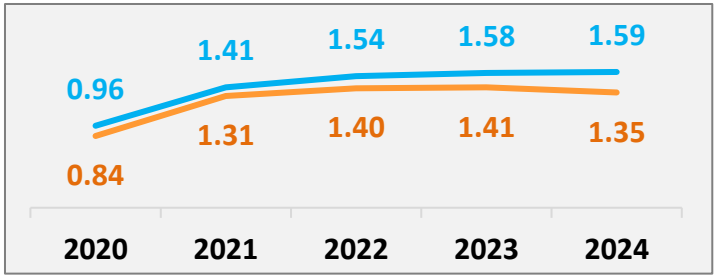


Container Type-wise (Import)



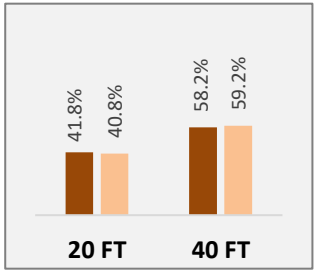
May'25 Apr'25

Container Count - Annual Average (in lakhs/ month)

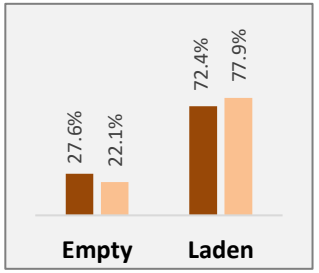


IMPORT EXPORT

Container Size-wise (Export)



Container Type-wise (Export)



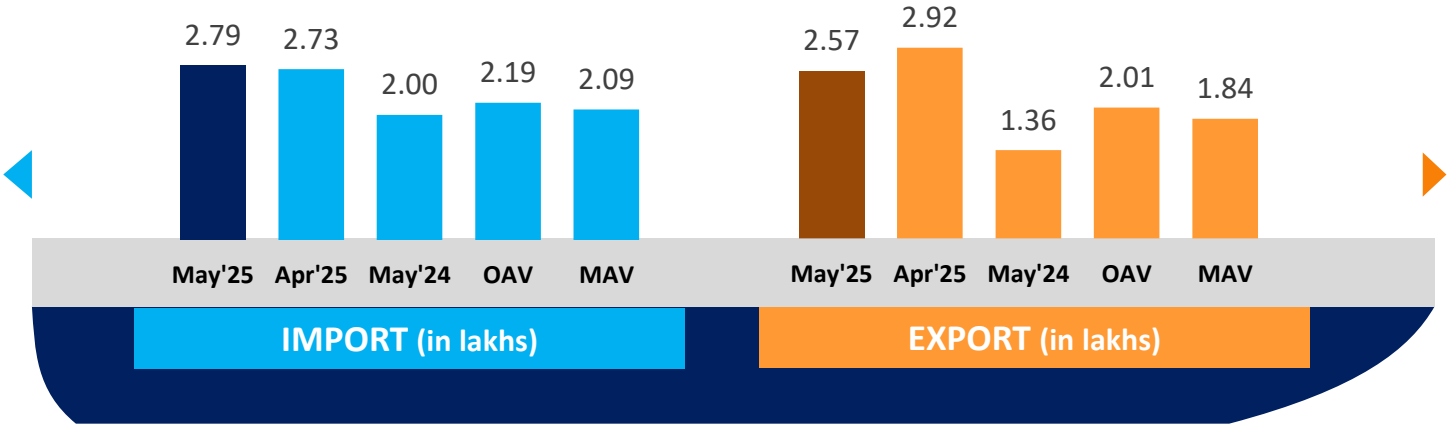
May'25 Apr'25

OAV – Overall Avg Volume
MAV – Monthly Avg Volume

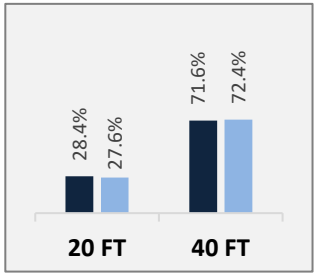
Note: All above figures are in no. of boxes

Container Volume (TEUs): JNPA Port Terminals

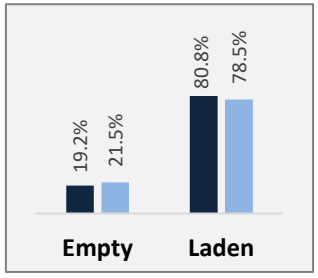
Jawaharlal Nehru Port Authority



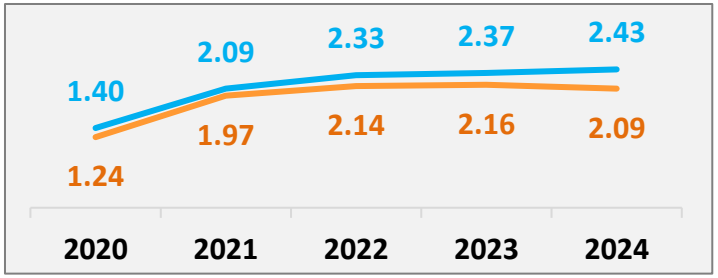
Container Size-wise (Import)



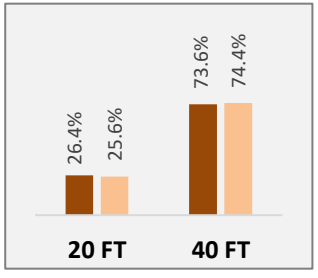
Container Type-wise (Import)



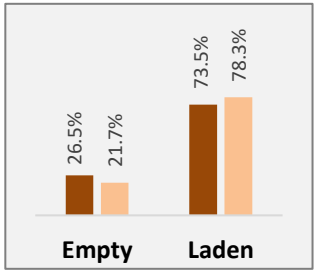
Container Volume (TEUs) - Annual Average (in lakhs/ month)



Container Size-wise (Export)



Container Type-wise (Export)



OAV – Overall Avg Volume
MAV – Monthly Avg Volume

Note: All above figures are in TEUs

Container Transportation: JNPA Port Terminals

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	May'25 (in hrs)		Apr'25 (in hrs)
Truck	26.0	↑	20.9
Train	45.4	↓	59.6
Overall	28.1	↑	24.2

Transit Time

	May'25 (in hrs)		Apr'25 (in hrs)
Port to CFS	2.4	↓	2.5
Port to ICD	111.0	↑	94.6

CFS/ ICD Dwell Time

	May'25 (in hrs)		Apr'25 (in hrs)
CFS	84.7	↑	81.9
ICD	142.3	↓	168.1

Volume distribution at port terminal – Truck/Train

	Truck	Train
Import	84%	16%
Export	83%	17%

Container Lifecycle (Export Cycle)

EXPORT

	May'25 (in hrs)		Apr'25 (in hrs)
Truck	72.4	↑	70.9
Train	91.8	↑	91.5
Overall	74.4	↑	73.3

	May'25 (in hrs)		Apr'25 (in hrs)
CFS to Port	4.7	↓	4.8
ICD to Port	94.2	↑	92.2

	May'25 (in hrs)		Apr'25 (in hrs)
CFS	60.2	↓	65.2
ICD	106.0	↓	109.0

↓ ↑ Indicates decrease/ increase in time from last month

Container Transportation: JNPA Port Terminals

Import Cycle	Particulars		May'25 (in hrs)	Apr'25 (in hrs)
	Dwell Time	Overall Dwell Time	28.1	24.2
		Truck Bound Containers	26.0	20.9
		Train Bound Containers	45.4	59.6
		Direct Port Delivery (DPD) containers	29.0	22.8
		Containers bound for CFS	21.7	19.1
		Empty Containers	45.2	32.1
		Laden Containers	25.2	22.6
	Transit Time	Port to ICD	111.0	94.6
		Port to CFS	2.4	2.5

Export Cycle	Particulars		May'25 (in hrs)	Apr'25 (in hrs)
	Dwell Time	Overall Dwell Time	74.4	73.3
		Truck Bound Containers	72.4	70.9
		Train Bound Containers	91.8	91.5
		Direct Port Entry (DPE) containers	74.9	72.9
		Containers bound from CFS	71.3	71.1
		Empty Containers	71.1	68.5
		Laden Containers	75.8	75.0
	Transit Time	ICD to Port	94.2	92.2
		CFS to Port	4.7	4.8

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	May'25 (in hrs)	Apr'25 (in hrs)
Gate in - Gate Out	5.8	5.9

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

	Within 2 hrs	2-4 hrs	4-8 hrs	8-16 hrs	16-24 hrs	More than 24 hrs
Parking Plaza Dwell Time	10%	22%	33%	23%	7%	5%

Parking Plaza to JNPA Port	May'25 (in hrs)	Apr'25 (in hrs)
Gate Out – Terminal In	2.0	1.1

Port Terminal	May'25 (in hrs)	Apr'25 (in hrs)
NSFT	0.6	0.7
NSICT	4.1	1.9
GTI	1.6	0.9
NSIGT	3.9	0.9
BMCT	3.1	7.9

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

Parking Plaza to Port Terminal	Within 1 hrs	1-2 hrs	2-3 hrs	3-4 hrs	4-5 hrs	More than 5 hrs
NSFT	69%	21%	4%	1%	1%	4%
NSICT	14%	11%	12%	12%	11%	40%
GTI	37%	24%	21%	11%	3%	4%
NSIGT	15%	16%	10%	9%	9%	41%
BMCT	1%	24%	21%	16%	16%	22%

CFS/ICD Performance Benchmarking & Performance Index

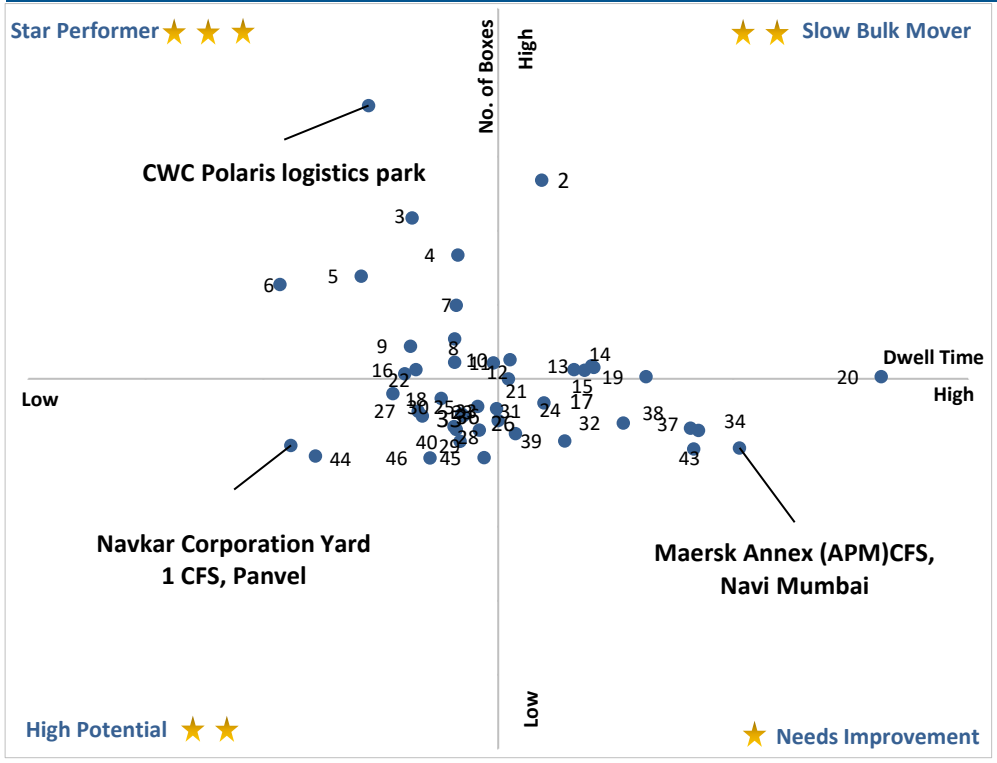
CFS: Western Corridor

Top Performing CFS

CWC Polaris logistics park

High Potential CFS	Low Performing CFS
Navkar Corporation Yard 1 CFS, Panvel	Maersk Annex (APM)CFS, Navi Mumbai

Performance Index – May'25



X-Axis: Dwell Time

Y-Axis: No. of Boxes

Performance Benchmarking

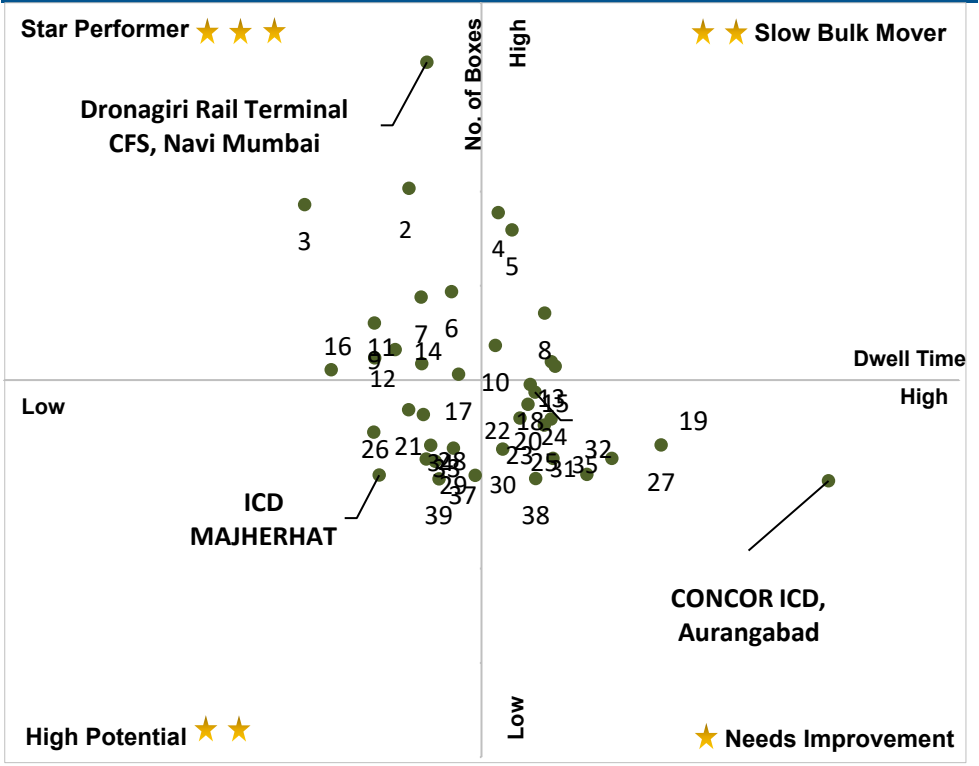
ICD: PAN India

Top Performing ICD

Dronagiri Rail Terminal CFS, Navi Mumbai

High Potential ICD	Low Performing ICD
ICD MAJHERHAT	CONCOR ICD, Aurangabad

Performance Index – May'25



X-Axis: Dwell Time

Y-Axis: No. of Boxes

Import Cycle Analysis

JNPA Port Terminal: Dwell Time Performance (Import Cycle)

The below tables depict the port dwell time performance at JNPA port (covered under LDB) for train and truck bound containers in import cycle.

PORT IMPORT via TRAIN
(16% of total import container volume)

The port dwell time data for train bound container movement in import cycle is depicted below. Port dwell time is the time duration between the entry of the container in port terminal to the time it moves out of the port terminal

Import Cycle		
Port Terminals	May'25 (in hrs)	Apr'25 (in hrs)
NSFT	43.0	48.1
NSICT	42.5	56.4
GTI	44.7	55.3
NSIGT	49.6	55.1
BMCT	46.1	75.7

Container Handled: Hour-wise (May'25)

Port Terminals	Within 0-24 hrs	24-48 hrs	48-72 hrs	72-96 hrs	96-144 hrs	More than 144 hrs
NSFT	32%	24%	22%	8%	11%	3%
NSICT	27%	28%	19%	8%	9%	9%
GTI	26%	27%	19%	10%	10%	8%
NSIGT	20%	28%	14%	10%	11%	17%
BMCT	28%	23%	14%	9%	12%	14%

PORT IMPORT via TRUCK
(84% of total import container volume)

The port dwell time data for truck bound container movement in import cycle is depicted below. Port dwell time is the time duration between the entry of the container in port terminal to the time it moves out of the port terminal

Import Cycle		
Port Terminals	May'25 (in hrs)	Apr'25 (in hrs)
NSFT	23.4	18.2
NSICT	35.7	23.8
GTI	24.2	19.4
NSIGT	30.9	20.4
BMCT	20.8	22.2

Container Handled: Hour-wise (May'25)

Port Terminals	Within 0-24 hrs	24-48 hrs	48-72 hrs	72-96 hrs	96-144 hrs	More than 144 hrs
NSFT	51%	26%	11%	5%	5%	2%
NSICT	33%	31%	18%	10%	7%	1%
GTI	50%	28%	12%	5%	4%	1%
NSIGT	38%	35%	17%	7%	2%	1%
BMCT	55%	24%	11%	5%	4%	1%

JNPA Port Terminal: Dwell Time Performance (Import Cycle)

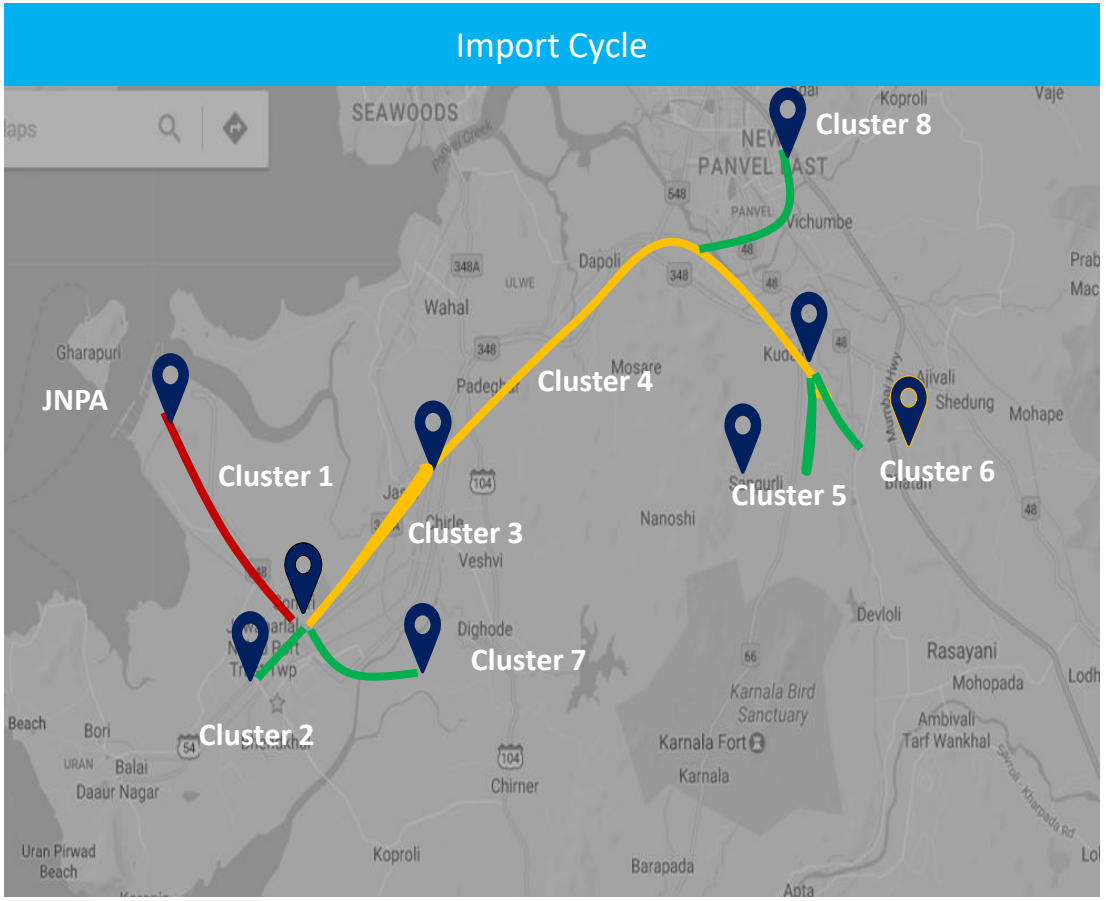
The below table depicts the detailed JNPA region port performance in the month of May'25

Port Dwell Time (in Hours) - Based on Transit Type				
Port Terminals	**Direct Port Delivery (DPD) Containers-Truck**	**Containers bound for CFS**	**Empty Containers**	**Laden Containers**
NSFT	23.4	18.6	50.0	20.7
NSICT	70.2	32.3	49.7	33.2
GTI	38.5	22.1	51.3	24.4
NSIGT	70.1	28.1	38.6	31.2
BMCT	44.4	16.5	41.5	20.2

Note: Direct Port Delivery (DPD) via train doesn't occur currently

JNPA Region: Congestion Analysis (Import Cycle)

The below map indicates congestion around JNPA region in Import Cycle in month of May'25



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	JNPA Area	1	7.24%	High
Cluster 2	Bhendkhal Area, Khopate Road	6	29.26%	Low
Cluster 3	Sonari Area,JNPA Road	2	12.87%	Medium
Cluster 4	Chirle Area, JNPA Road	1	1.23%	Medium
Cluster 5	Plaspa Area, Coach Kanyakumari Highway	2	12.42%	Low
Cluster 6	Salva Apta Road Area, Bangalore Highway	5	21.21%	Low
Cluster 7	Patilpada Area, Khopate JNPA Road	3	14.94%	Low
Cluster 8	Taloja, Navi Mumbai	1	0.83%	Low

Congestion Level — High — Medium — Low

JNPA Region Import Cycle: Container Movement

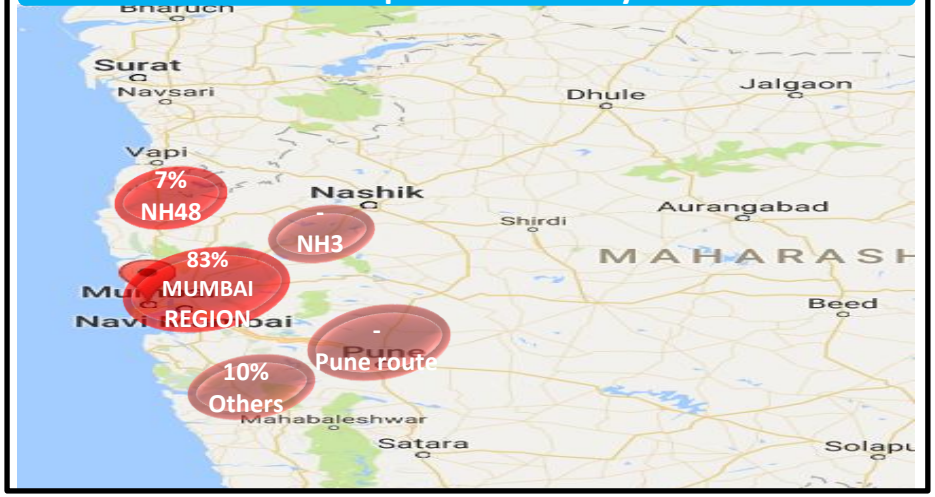
Truck

HEAT MAP : OVERALL MUMBAI REGION

Region	May'25
Mumbai region	83%
NH3	-
Pune	-
NH48	7%
Others	10%

The map depicts the movement of containers via truck in and around Mumbai region.

Heat Map via Truck: May'25



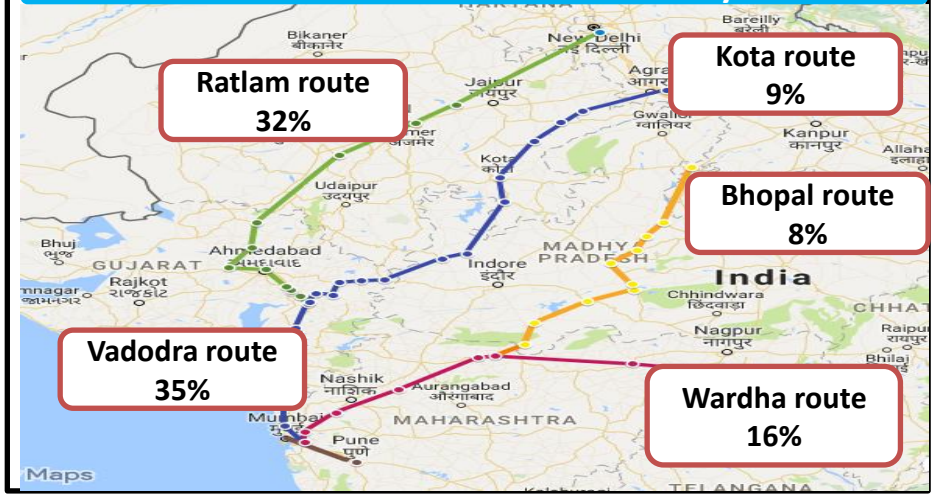
Train

VOLUME WISE CONTAINER MOVEMENT

Region	May'25
Vadodra Route	35%
Ratlam Route	32%
Wardha Route	16%
Kota Route	9%
Bhopal Route	8%

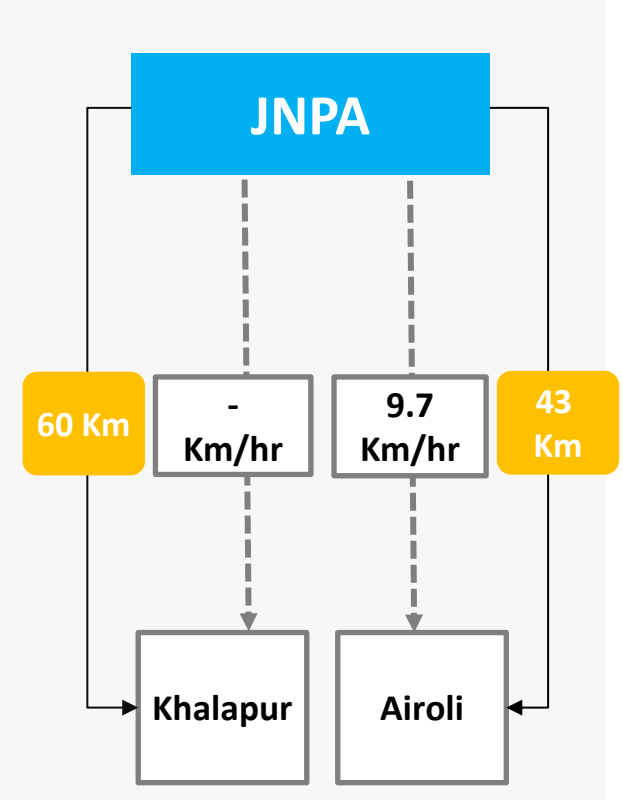
The map depicts the volume wise container movement through different railway routes in import cycle

Container movement via Train – May'25



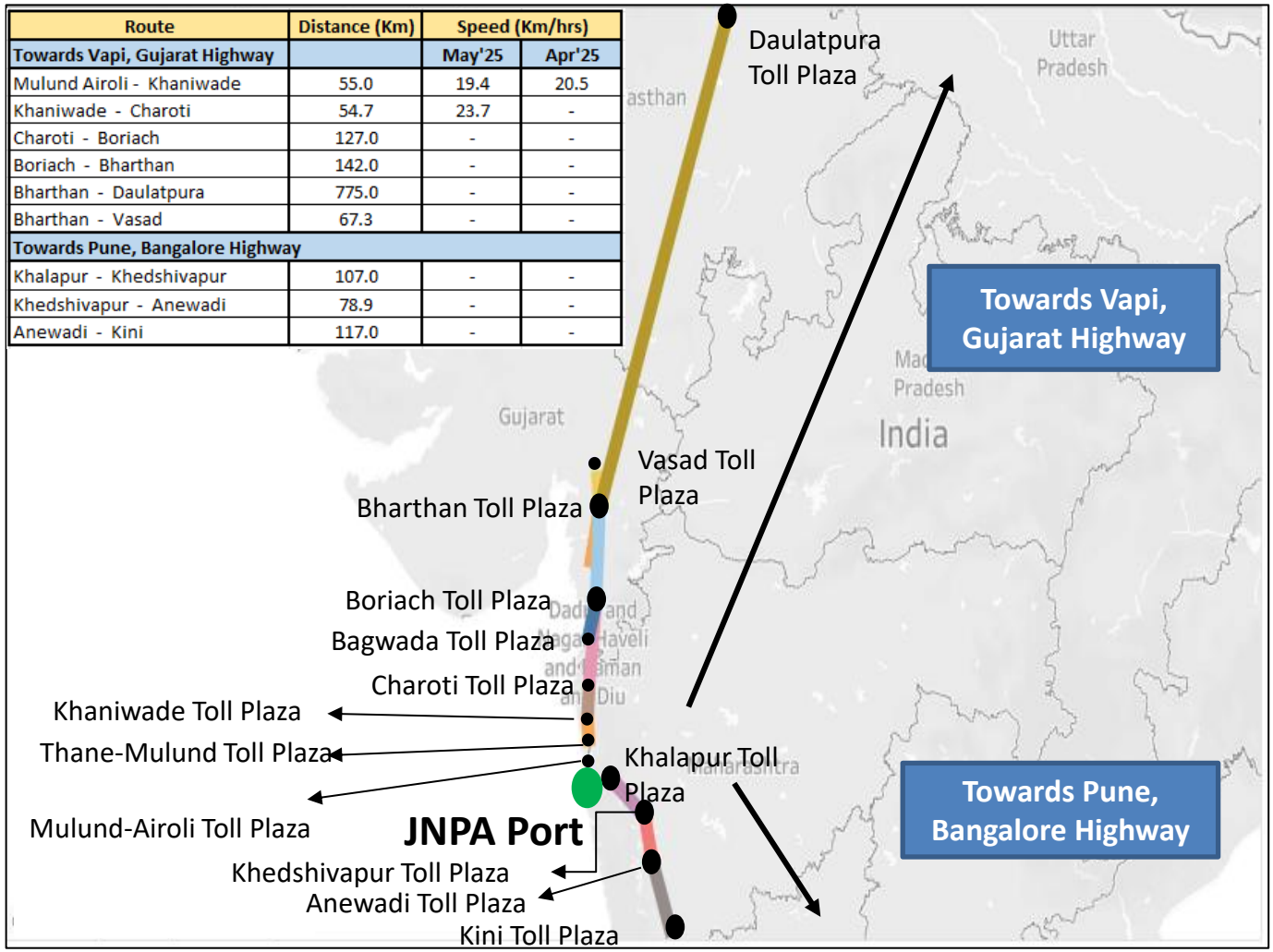
Western Corridor Toll Plaza Analysis

Average speed of trucks to cover the distance between Port to the nearest Toll Plaza for May'25:



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

Route	Distance (Km)	Speed (Km/hrs)	
Towards Vapi, Gujarat Highway		**May'25**	**Apr'25**
Mulund Airoli - Khaniwade	55.0	19.4	20.5
Khaniwade - Charoti	54.7	23.7	-
Charoti - Boriach	127.0	-	-
Boriach - Bharthan	142.0	-	-
Bharthan - Daulatpura	775.0	-	-
Bharthan - Vasad	67.3	-	-
Towards Pune, Bangalore Highway			
Khalapur - Khedshivapur	107.0	-	-
Khedshivapur - Anewadi	78.9	-	-
Anewadi - Kini	117.0	-	-



Export Cycle Analysis

JNPA Port Terminal: Dwell Time Performance (Export Cycle)

The below tables depict the port dwell time performance at JNPA port (covered under LDB) for train and truck bound containers in export cycle.

PORT EXPORT via TRAIN
(17% of total export container volume)

The port dwell time data for train bound container movement in export cycle is depicted below. Port dwell time is the time duration between the entry of the container in port terminal to the time it moves out of the port terminal

Export Cycle		
Port Terminals	May'25 (in hrs)	Apr'25 (in hrs)
NSFT	106.2	94.6
NSICT	28.9	36.6
GTI	117.1	102.2
NSIGT	112.2	105.7
BMCT	103.7	115.7

Container Handled: Hour-wise (May'25)

Port Terminals	Within 0-24 hrs	24-48 hrs	48-72 hrs	72-96 hrs	96-144 hrs	More than 144 hrs
NSFT	20%	6%	9%	11%	18%	36%
NSICT	48%	12%	10%	8%	11%	11%
GTI	2%	11%	13%	13%	23%	38%
NSIGT	1%	7%	12%	18%	28%	34%
BMCT	1%	11%	14%	17%	27%	30%

PORT EXPORT via TRUCK
(83% of total export container volume)

The port dwell time data for truck bound container movement in export cycle is depicted below. Port dwell time is the time duration between the entry of the container in port terminal to the time it moves out of the port terminal

Export Cycle		
Port Terminals	May'25 (in hrs)	Apr'25 (in hrs)
NSFT	74.5	68.1
NSICT	63.3	65.6
GTI	69.7	71.2
NSIGT	85.0	77.2
BMCT	73.9	72.1

Container Handled: Hour-wise (May'25)

Port Terminals	Within 0-24 hrs	24-48 hrs	48-72 hrs	72-96 hrs	96-144 hrs	More than 144 hrs
NSFT	13%	17%	18%	17%	19%	16%
NSICT	9%	24%	26%	19%	15%	7%
GTI	4%	22%	27%	23%	20%	4%
NSIGT	4%	16%	19%	21%	28%	12%
BMCT	5%	18%	25%	22%	18%	12%

JNPA Port Terminal: Dwell Time Performance (Export Cycle)

The below table depicts the detailed JNPA region port performance in the month of May'25

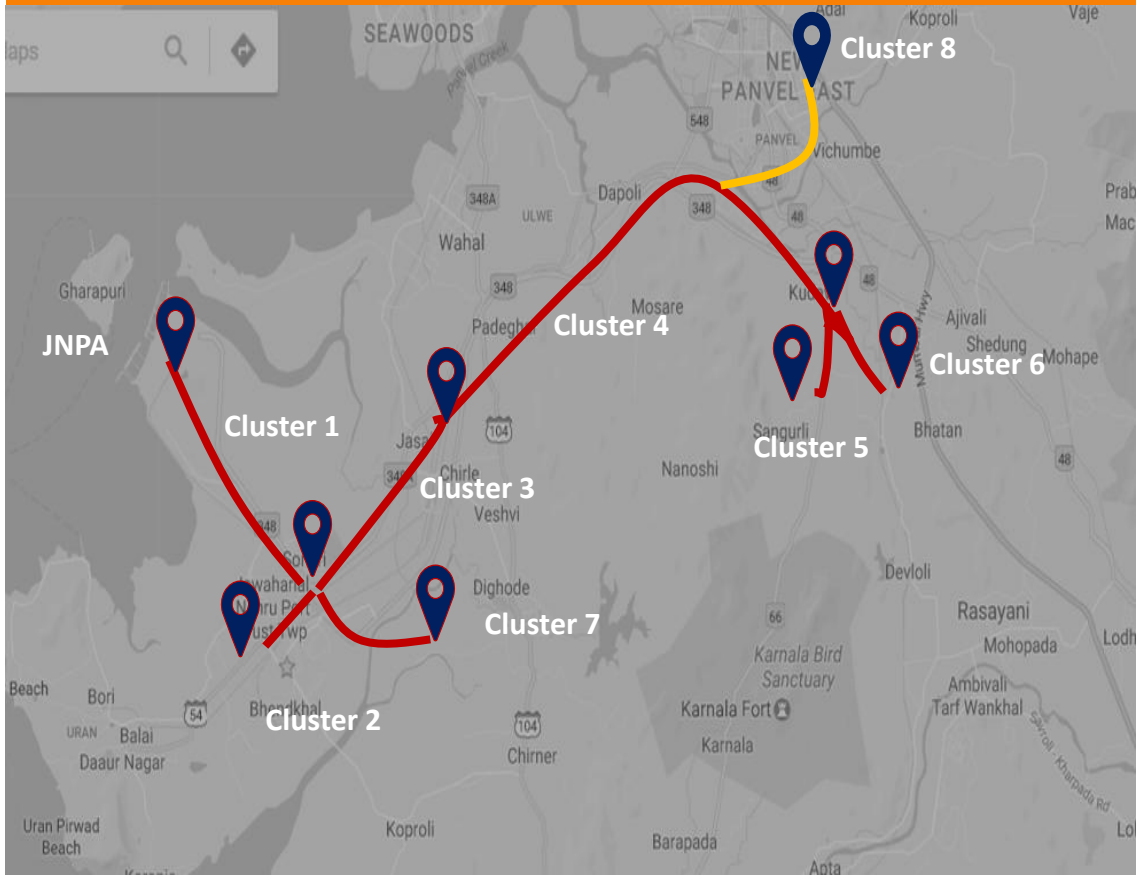
Port Dwell Time (in Hours) - Based on Transit Type				
Port Terminals	**Direct Port Entry (DPE) Containers-Truck**	**Containers bound from CFS**	**Empty Containers**	**Laden Containers**
NSFT	75.8	75.4	119.9	75.3
NSICT	67.9	61.1	39.4	61.2
GTI	72.6	71.9	66.4	77.0
NSIGT	94.3	80.5	78.2	94.7
BMCT	-	71.8	78.9	77.8

Note: Direct Port Entry (DPE) via train doesn't occur currently

JNPA Region: Congestion Analysis (Export Cycle)

The below map indicates congestion around JNPA region in Export Cycle in month of May'25

Export Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	JNPA Area	1	3.36%	High
Cluster 2	Bhendkhal Area, Khopate Road	6	20.30%	High
Cluster 3	Sonari Area,JNPA Road	2	12.59%	High
Cluster 4	Chirle Area, JNPA Road	1	3.32%	High
Cluster 5	Plaspa Area, Coach Kanyakumari Highway	2	16.82%	High
Cluster 6	Salva Apta Road Area, Bangalore Highway	5	30.77%	High
Cluster 7	Patilpada Area, Khopate JNPA Road	3	11.91%	High
Cluster 8	Taloja, Navi Mumbai	1	0.93%	Medium

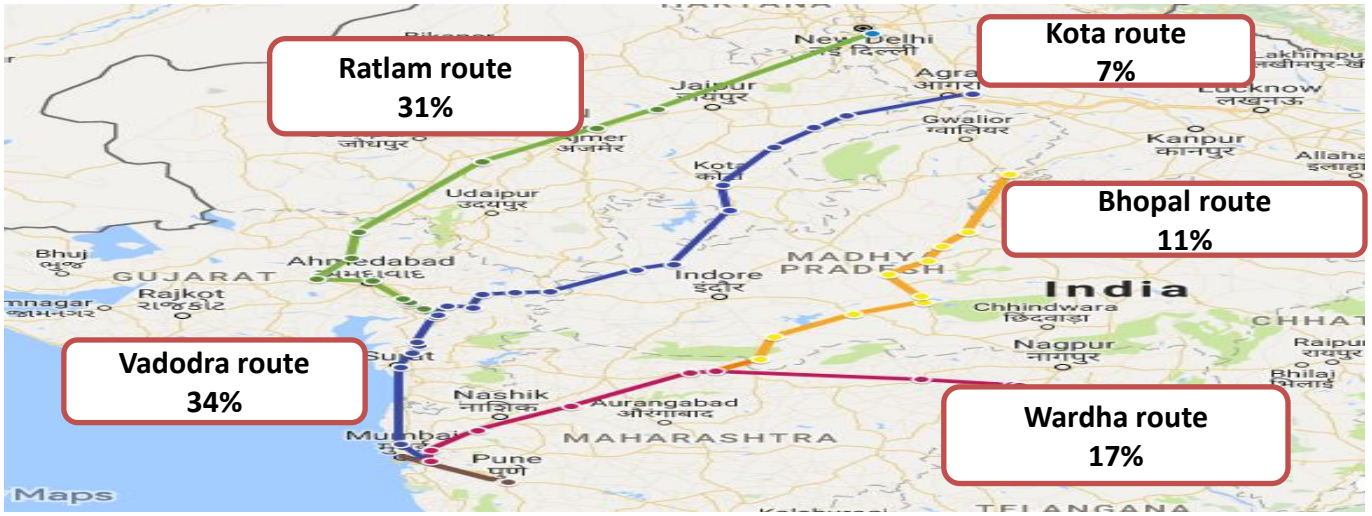
Congestion Level — High — Medium — Low

JNPA Region: Container Movement via Train

JNPA Port	
Route	**Percentage of Container Movement**
Vadodra Route	34%
Ratlam Route	31%
Wardha Route	17%
Kota Route	7%
Bhopal Route	11%

The map depicts the volume wise container movement through different railway routes in export cycle for May'25

Container movement via Train – May'25



CFS and ICD Performance

CFS Performance

JNPA region CFS : CFS DWELL TIME ANALYSIS

Below tables show the dwell time of the respective CFSs for May'25 and Apr'25

CFS Dwell Time (in hrs.)					
CFS	May'25 (in hrs)	Apr'25 (in hrs)	CFS	May'25 (in hrs)	Apr'25 (in hrs)
AllCargo Logistics CFS,Mumbai	80.7	81.3	JWR CFS	58.6	62.5
Ameya Logistics CFS, Navi Mumbai	81.1	80.6	Kerry Indev Logistics CFS,Mumbai	77.6	-
APM (Maersk India) CFS, Navi Mumbai	86.0	87.2	Maersk Annex (APM)CFS, Navi Mumbai	116.7	88.5
Apollo Logisolutions CFS, Panvel	80.6	74.2	Maharashtra State Corp CFS	63.1	75.1
Ashte Logistics CFS, Panvel	87.7	75.0	Navkar Corporation Yard 1 CFS, Panvel	60.0	84.3
Balmer & Lawrie CFS, Navi Mumbai	80.9	74.1	Navkar Corporation Yard 2 CFS, Panvel	88.4	100.0
CWC Conex Terminal CFS	75.3	76.6	Navkar Corporation Yard 3 CFS, Panvel	76.1	81.1
CWC Dronagiri CFS, Navi Mumbai	74.4	77.5	Ocean Gate CFS, Panvel	86.2	93.3
CWC Impex Park CFS, Navi Mumbai	102.0	74.3	Punjab Conware CFS, Navi Mumbai	85.6	90.0
CWC Polaris logistics park	69.8	71.3	Sarveshwar CFS	81.6	77.4
EFC Logistics India	80.7	82.8	Seabird CFS, Navi Mumbai	75.8	75.0
Gateway Distriparks CFS, Navi Mumbai	80.9	77.7	Speedy Multimode CFS, JNPT	75.1	73.2
International Cargo Terminal CFS	81.8	76.5	Take Care Logistics CFS	111.5	105.9
International Cargo Terminals (ULA) CFS, Navi Mumbai	110.9	74.8	Transworld Terminals CFS,Mumbai	76.6	76.4
JWC Logistics Park CFS	104.9	89.1	Vaishno Logistics CFS, Navi Mumbai	81.4	90.5

ICD Performance

Below tables show the dwell time of the respective ICDs for May’25 and Apr’25

ICD Dwell Time (in hrs.)

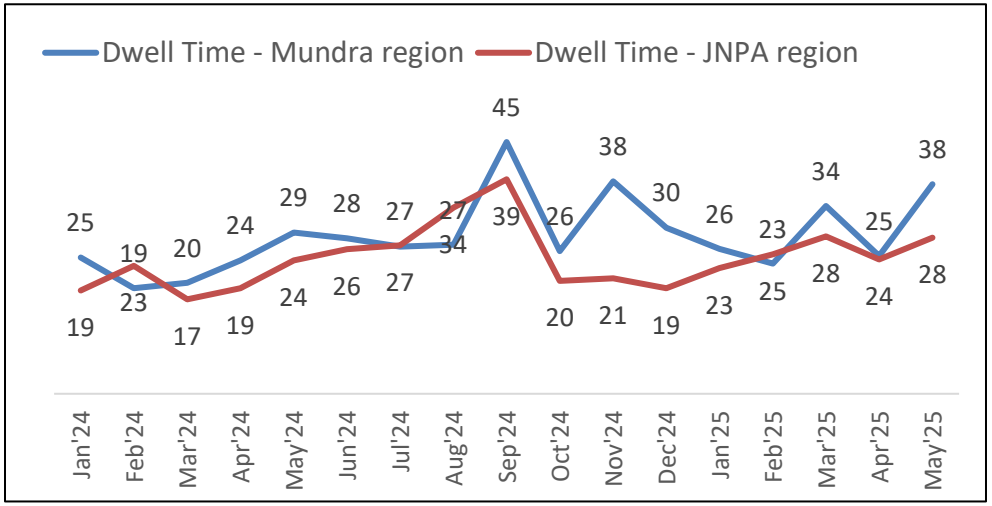
ICD	May'25 (in hrs)	Apr'25 (in hrs)	ICD	May'25 (in hrs)	Apr'25 (in hrs)
Adani ICD, Tumb	83.5	75.4	ICD MAJHERHAT	85.2	58.2
Adani Logistics Park ICD, Gurgaon	119.6	159.3	ICD MANDIDEEP	146.8	194.8
CFS VALLARPADAM	138.5	117.9	ICD Pali (KIPL)	102.1	137.2
CONCOR ICD, Aurangabad	246.2	244.5	ICD SANATHNAGAR	127.9	131.9
CONCOR ICD, Dadri	58.5	56.2	ICD WHITEFIELD	132.8	146.0
CONCOR Kanakpura ICD, Jaipur	100.2	95.8	KLPL ICD, Kanpur	101.0	104.4
CONTAINER CORPORATION OF INDIA LTD - TONDIARPET (ICDTVT-T)	83.6	86.1	Kribhco ICD, Meerut	144.4	133.4
Continental Warehousing Corporation Nhava Sheva Ltd ICD,Haryana	100.4	113.5	MMLP AHMEDGARH (PLIL)	168.6	-
Dronagiri Rail Terminal CFS, Navi Mumbai	102.3	100.1	MMLP BALLI	141.3	118.0
Gateway Rail Freight ICD, Pyala	129.5	148.2	MMLP BARHI	159.6	122.1
Gateway Rail ICD, Sahnewal	111.1	120.4	MMLP KHATUWAS	148.3	136.3
Hind Terminals Logistics Park ICD, Palwal	126.8	126.8	MMLP MIHAN	146.9	137.1
HTPL ICD Qilaraipur Ludhiana	141.0	161.9	MMLP TIHI	186.2	179.4
ICD ANKLESHWAR	95.7	104.1	MMLP VARNAMA	135.6	220.6
ICD BGKT, JODHPUR	90.9	81.8	MMLP VISHAKAPATNAM	139.3	185.4
ICD DAULATABAD	147.5	168.5	Pegasus Inland Container Depot	105.3	171.4
ICD DDL, LUDHIANA	68.0	72.6	Pristine ICD Chawapail , Ludhiana	113.6	123.3
ICD KANPUR	111.8	114.9	The Thar Dry Port ICD Ahmedabad	144.5	152.2
ICD KHODIYAR	95.9	96.0	The Thar Dry Port Jodhpur	103.6	139.9
ICD KIFTPL Kashipur	106.6	129.3	Vaishno Container Terminal-ICD Tarapur	83.2	126.7

Trend Analysis

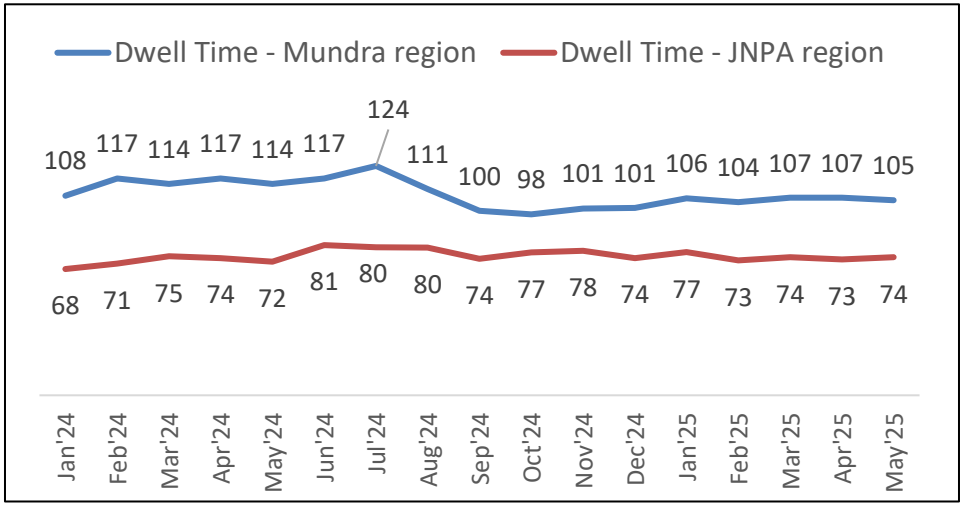
Western Corridor Port: Yearly Analysis

Container Volume and Dwell time of all the terminals in JNPA and Mundra Port have been analysed until May'25

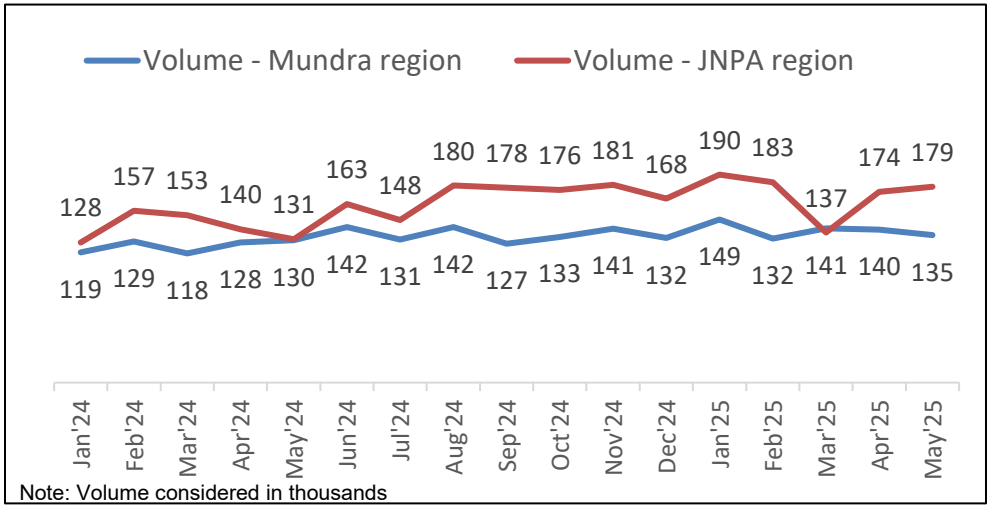
Import Dwell Time – Mundra Region Vs JNPA Region



Export Dwell Time – Mundra Region Vs JNPA Region

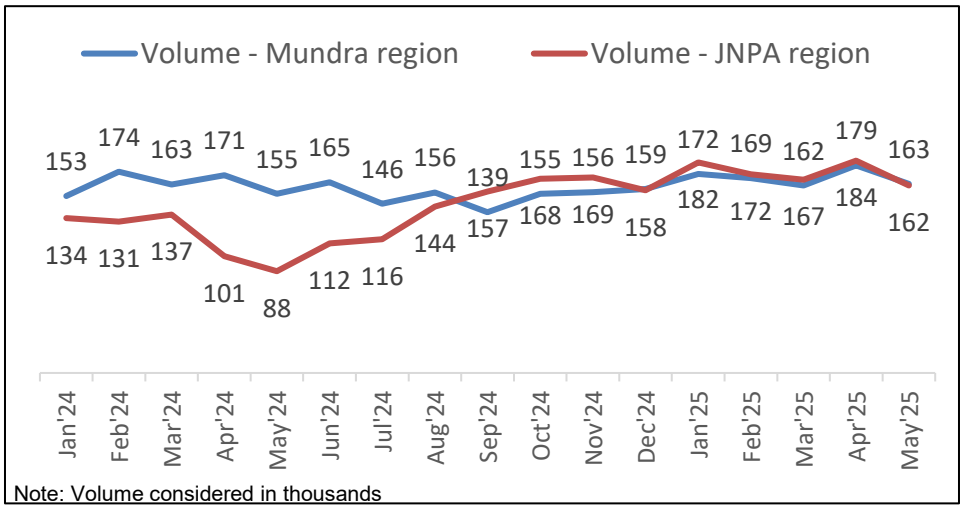


Import Volume – Mundra Region Vs JNPA Region



Note: Volume considered in thousands

Export Volume – Mundra Region Vs JNPA Region

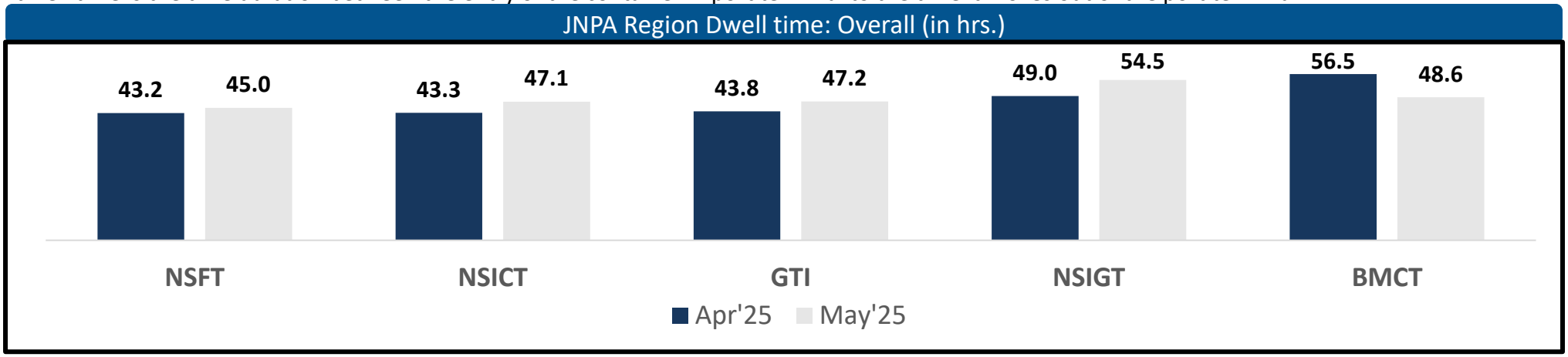


Note: Volume considered in thousands

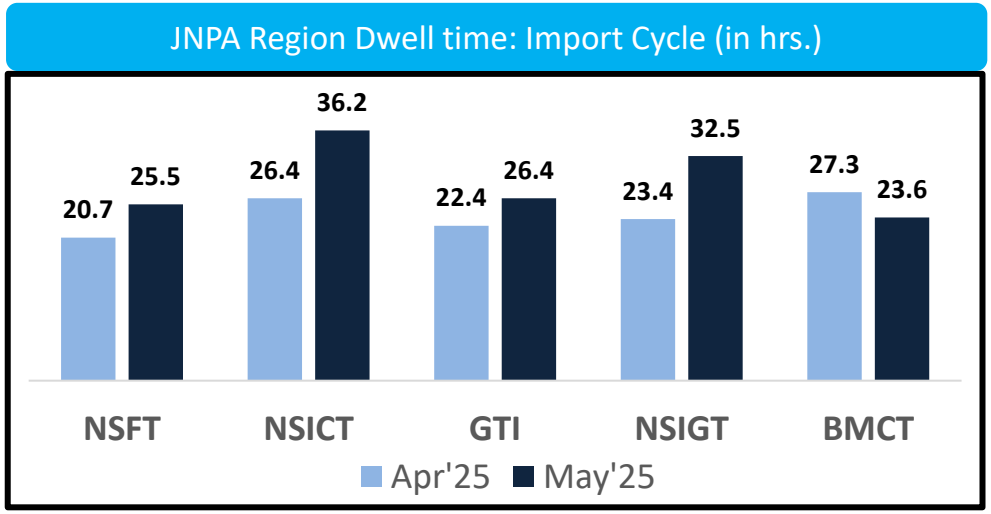
JNPA Port Dwell Time Trend: Month on Month

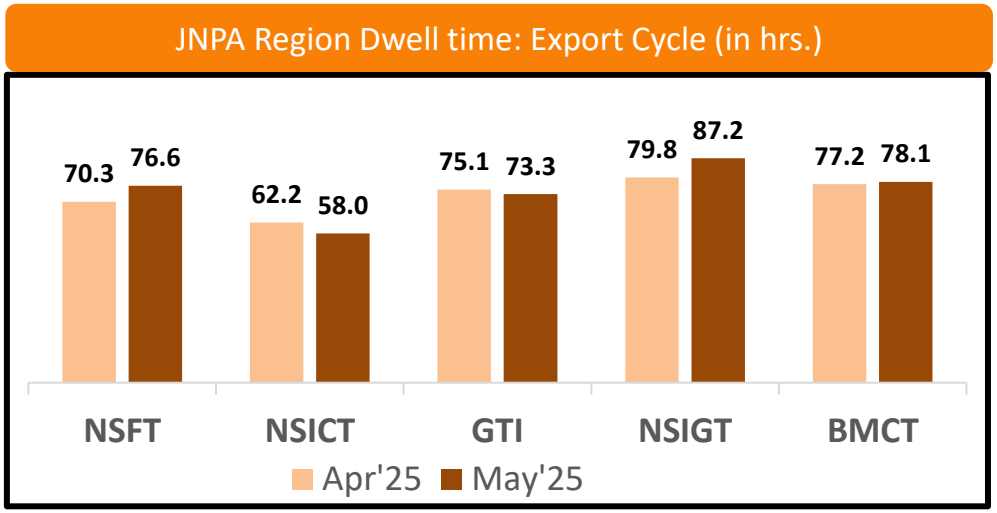
JNPA Port Dwell Time Trend :

The below graph shows the overall port dwell time (i.e. import and export cycle combined) trend (Month of Month) of all the JNPA port terminals. Port dwell time is the time duration between the entry of the container in port terminal to the time it moves out of the port terminal



The below graphs showcase the Import and Export cycle dwell time for both train and truck bound containers for month of May'25

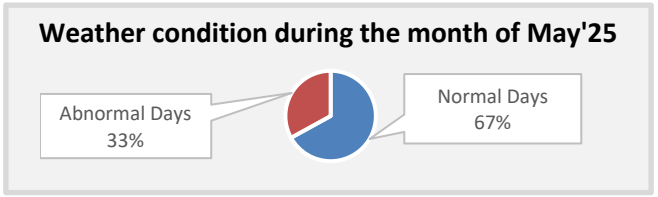




Weather Analysis

Weather Analysis : JNPA Port

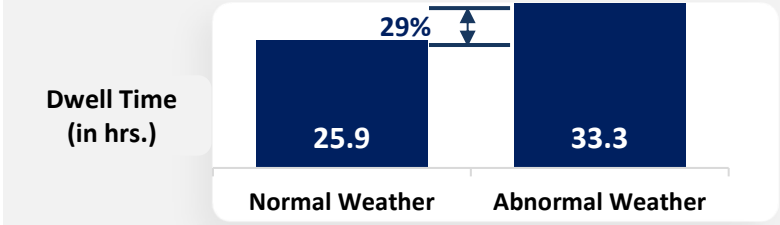
This component depicts container handling performance in various weather conditions, focusing on port dwell time.



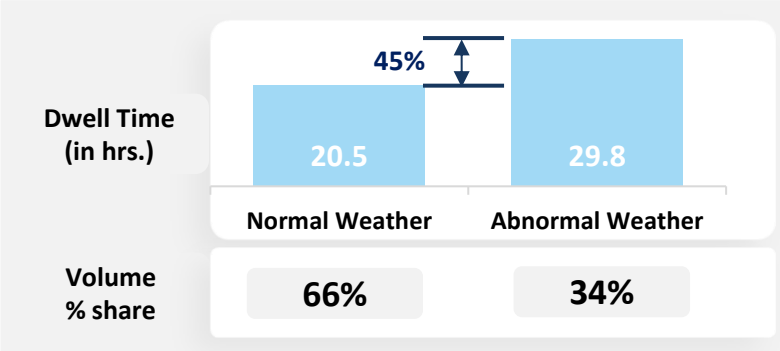
- Normal Weather Conditions includes **clear sky, sunny, overcast and partially cloudy** weather
- Abnormal Weather Conditions includes **rainy and overcast rainy** weather

IMPORT CYCLE

May' 25

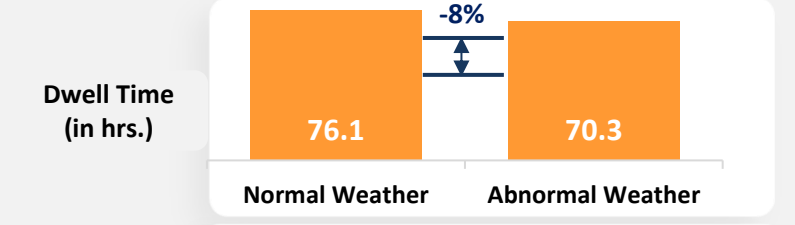


Yearly (Jan'24 to Dec'24)

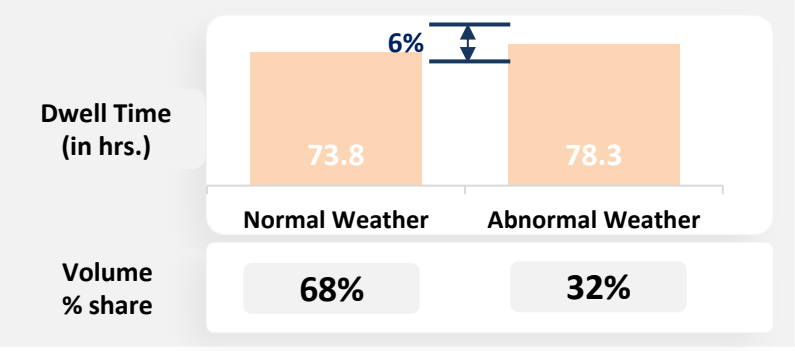


EXPORT CYCLE

May' 25



Yearly (Jan'24 to Dec'24)



Note: Port dwell time is based on the daily weather condition at Port Out time

Indicates increase/decrease in dwell time in abnormal weather compared to normal weather

Weather Analysis : JNPA Port (Terminal-wise)

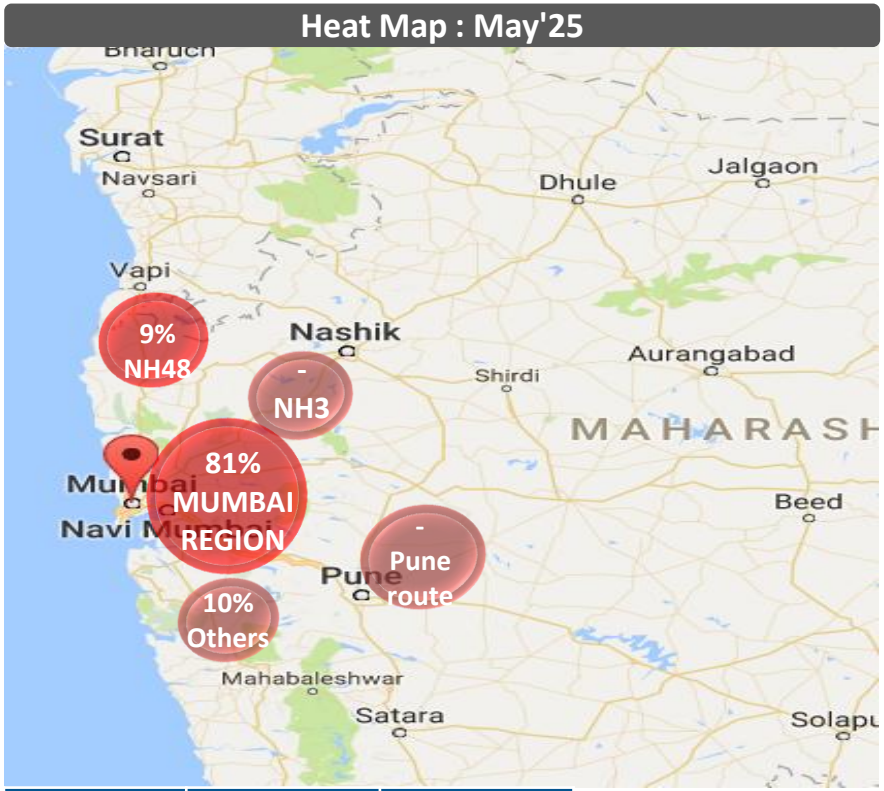
IMPORT CYCLE		
Terminal Name	**Normal Weather May'25 (in hrs)**	**Abnormal Weather May'25 (in hrs)**
Nhava Sheva Freeport Terminal (NSFT)	24.1	31.6
Nhava Sheva International Container Terminal (NSICT)	33.8	44.0
Gateway Terminals India (GTI)	22.8	35.1
Nhava Sheva India Gateway Terminal (NSIGT)	32.0	34.6
Bharat Mumbai Container Terminals(PSA)	21.6	27.7

EXPORT CYCLE		
Terminal Name	**Normal Weather May'25 (in hrs)**	**Abnormal Weather May'25 (in hrs)**
Nhava Sheva Freeport Terminal (NSFT)	79.6	68.1
Nhava Sheva International Container Terminal (NSICT)	57.3	59.5
Gateway Terminals India (GTI)	75.2	66.2
Nhava Sheva India Gateway Terminal (NSIGT)	96.6	74.3
Bharat Mumbai Container Terminals(PSA)	77.9	78.5

ANNEXURE

Container Movement Around JNPA Port Terminal Region Via Truck

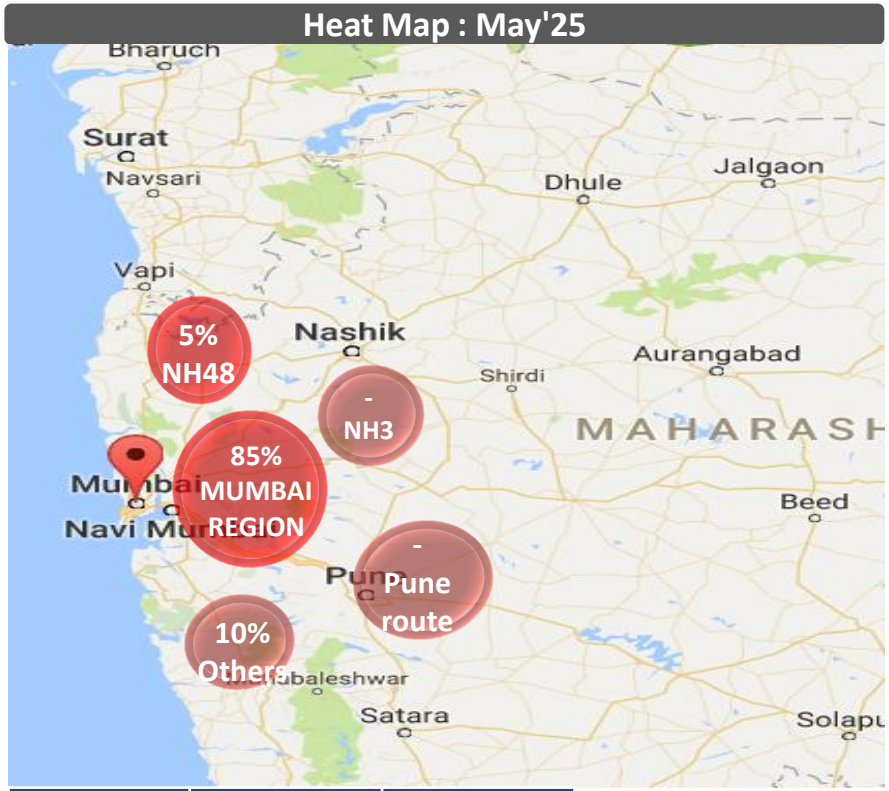
HEAT MAP : GTI Port Terminal



Region	May'25	Apr'25
Mumbai region	81%	83%
NH3	-	-
Pune	-	-
NH48	9%	7%
others	10%	10%

The heat map above depicts the movement of containers in and around the Mumbai region.

HEAT MAP : NSFT Port Terminal

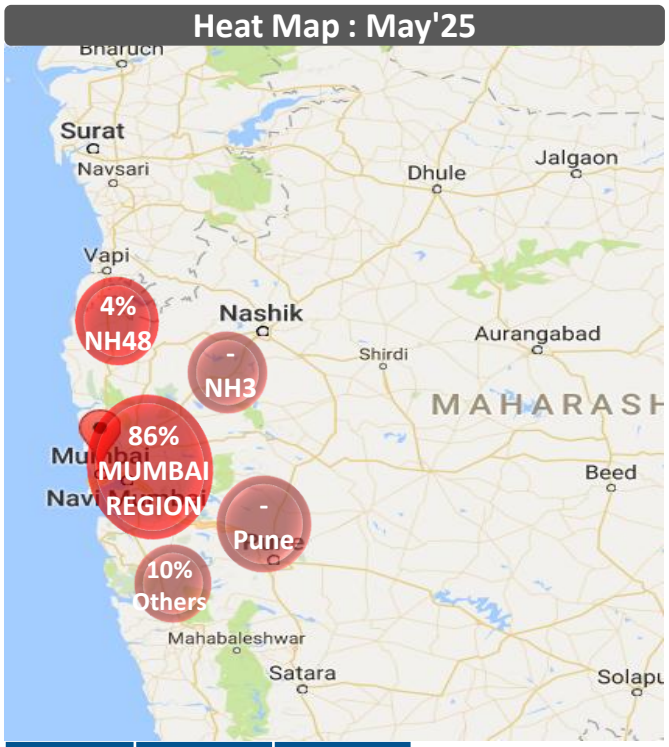


Region	May'25	Apr'25
Mumbai region	85%	86%
NH3	-	-
Pune	-	-
NH48	5%	4%
others	10%	10%

The heat map above depicts the movement of containers in and around the Mumbai region.

Container Movement Around JNPA Port Terminal Region Via Truck

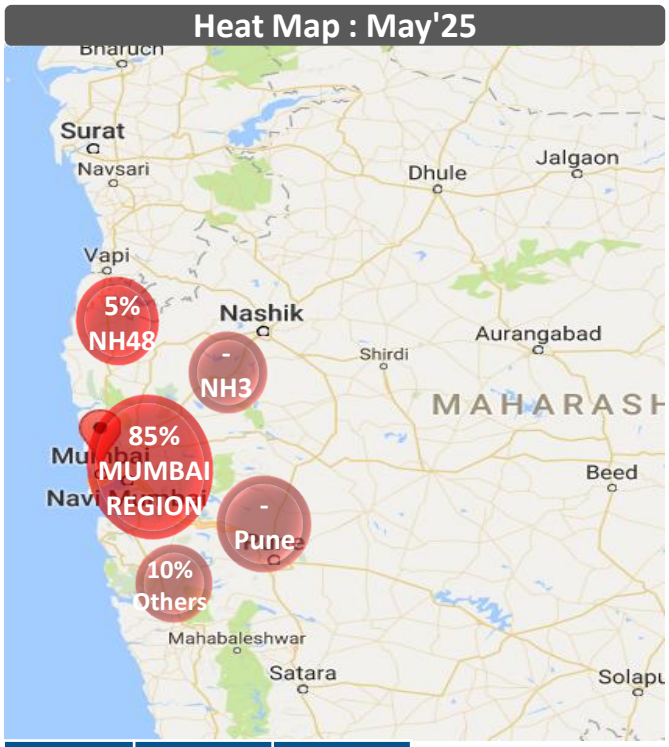
HEAT MAP : NSIGT Port Terminal



Region	May'25	Apr'25
Mumbai region	86%	88%
NH3	-	-
Pune	-	-
NH48	4%	2%
others	10%	10%

The heat map above depicts the movement of containers in and around the Mumbai region.

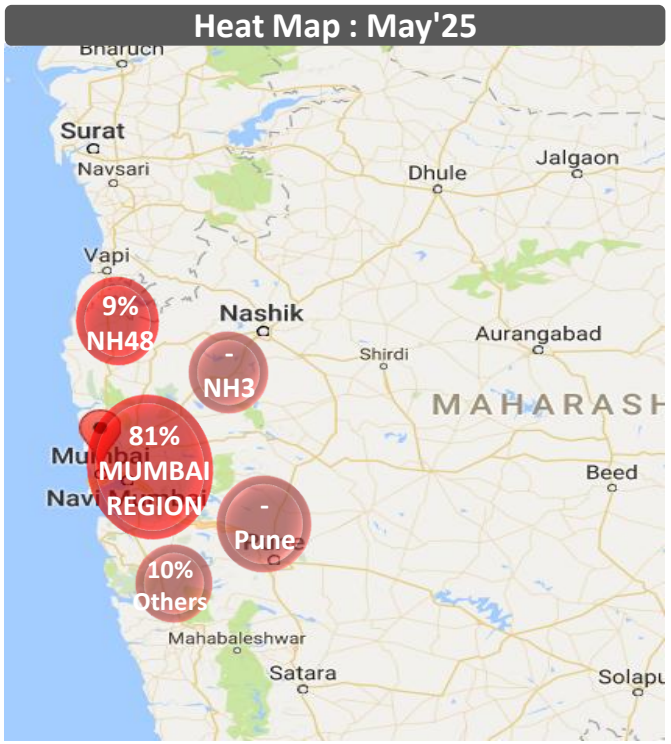
HEAT MAP : NSICT Port Terminal



Region	May'25	Apr'25
Mumbai region	85%	86%
NH3	-	-
Pune	-	-
NH48	5%	4%
others	10%	10%

The heat map above depicts the movement of containers in and around the Mumbai region.

HEAT MAP : BMCT Port Terminal



Region	May'25	Apr'25
Mumbai region	81%	80%
NH3	-	-
Pune	-	-
NH48	9%	10%
others	10%	10%

The heat map above depicts the movement of containers in and around the Mumbai region.

CFS Delivery Time Analysis: JNPA Terminals to CFS (1/2)

Port Out – CFS In (Import Cycle) – May'25 (in hrs): Below table shows the delivery time in import cycle from the PORT terminals to CFSs

CFS	NSFT	GTI	NSICT	NSIGT	BMCT
AllCargo Logistics CFS,Mumbai	2.4	3.0	4.5	3.3	2.2
Ameya Logistics CFS, Navi Mumbai	2.0	2.4	2.1	2.0	1.9
APM (Maersk India) CFS, Navi Mumbai	1.9	2.2	2.1	2.0	2.0
Apollo Logisolutions CFS, Panvel	2.9	9.1	7.5	5.8	5.4
Ashte Logistics CFS, Panvel	2.3	2.6	3.3	2.6	2.7
Balmer & Lawrie CFS, Navi Mumbai	1.7	2.1	2.4	2.4	1.7
Continental Warehousing CFS, Navi Mumbai	8.2	1.7	3.5	7.2	1.6
CWC Conex Terminal CFS	1.6	1.8	2.4	1.9	1.8
CWC Dronagiri CFS, Navi Mumbai	2.1	2.0	3.3	3.1	1.6
CWC Impex Park CFS, Navi Mumbai	1.9	2.7	6.1	2.2	2.3
CWC Polaris logistics park	1.7	2.1	3.2	2.1	1.9
EFC Logistics India	2.2	2.3	2.1	1.8	1.7
Gateway Distriparks CFS, Navi Mumbai	2.9	2.5	3.3	2.5	2.0
International Cargo Terminal CFS	1.8	1.8	2.0	1.7	1.6
International Cargo Terminals (ULA) CFS, Navi Mumbai	1.2	1.7	1.6	1.8	1.7
JWC Logistics Park CFS	2.2	3.1	4.8	6.3	2.7

CFS Delivery Time Analysis: JNPA Terminals to CFS (2/2)

Port Out – CFS In (Import Cycle) – May'25 (in hrs): Below table shows the delivery time in import cycle from the PORT terminals to CFSs

CFS	NSFT	GTI	NSICT	NSIGT	BMCT
JWR CFS	2.8	3.8	10.6	7.3	7.7
Kerry Indev Logistics CFS,Mumbai	2.9	3.3	3.9	2.7	3.1
Maersk Annex (APM)CFS, Navi Mumbai	-	2.2	2.5	2.1	1.8
Maharashtra State Corp CFS	1.7	1.8	2.2	1.4	2.8
Navkar Corporation Yard 1 CFS, Panvel	3.3	2.8	4.9	3.4	2.6
Navkar Corporation Yard 2 CFS, Panvel	2.1	3.1	4.8	3.6	2.5
Navkar Corporation Yard 3 CFS, Panvel	3.4	3.0	4.0	2.7	2.5
Ocean Gate CFS, Panvel	3.8	3.3	3.0	3.1	2.7
Punjab Conware CFS, Navi Mumbai	1.6	2.0	2.1	1.6	1.7
Sarveshwar CFS	2.0	2.2	2.1	1.5	1.7
SBW Logistics CFS, Navi Mumbai	3.0	3.9	5.0	6.1	4.0
Seabird CFS, Navi Mumbai	2.3	3.1	2.8	4.1	2.6
Speedy Multimode CFS, JNPT	1.4	1.7	1.8	1.6	1.3
Take Care Logistics CFS	3.2	3.2	3.0	3.2	3.1
Transworld Terminals CFS,Mumbai	1.7	1.6	1.9	1.5	1.4
Vaishno Logistics CFS, Navi Mumbai	2.0	2.1	4.2	1.7	2.2

CFS Delivery Time Analysis: CFS to JNPA Terminals (1/2)

CFS Out – Port In (Export Cycle) – May'25 (in hrs): Below table shows the delivery time in export cycle from the CFSs to PORT terminals

CFS	NSFT	GTI	NSICT	NSIGT	BMCT
AllCargo Logistics CFS,Mumbai	2.6	6.7	5.8	4.4	5.1
Ameya Logistics CFS, Navi Mumbai	2.6	4.5	5.7	3.6	4.9
APM (Maersk India) CFS, Navi Mumbai	2.6	3.0	6.0	3.6	3.7
Apollo Logisolutions CFS, Panvel	2.8	4.9	7.6	4.5	5.3
Ashte Logistics CFS, Panvel	2.6	4.9	5.4	4.2	4.2
Balmer & Lawrie CFS, Navi Mumbai	1.5	3.8	10.9	3.6	6.1
Continental Warehousing CFS, Navi Mumbai	4.4	4.3	6.4	3.7	4.2
CWC Conex Terminal CFS	1.9	3.7	6.4	3.7	4.2
CWC Dronagiri CFS, Navi Mumbai	2.0	5.0	5.4	4.1	4.0
CWC Impex Park CFS, Navi Mumbai	-	-	10.9	6.4	3.3
CWC Polaris logistics park	2.2	4.6	7.1	5.0	4.2
EFC Logistics India	1.8	4.5	5.1	4.2	4.8
Gateway Distriparks CFS, Navi Mumbai	1.4	3.7	8.4	4.2	4.0
International Cargo Terminal CFS	2.5	3.2	7.4	6.0	4.8
International Cargo Terminals (ULA) CFS, Navi Mumbai	2.0	-	6.7	4.6	3.6
JWC Logistics Park CFS	2.6	3.5	5.6	5.8	4.7

CFS Delivery Time Analysis: CFS to JNPA Terminals (2/2)

CFS Out – Port In (Export Cycle) – May'25 (in hrs): Below table shows the delivery time in export cycle from the CFSs to PORT terminals

CFS	NSFT	GTI	NSICT	NSIGT	BMCT
JWR CFS	2.7	4.5	5.7	4.9	5.2
Kerry Indev Logistics CFS,Mumbai	1.9	8.9	10.9	5.6	4.1
Maersk Annex (APM)CFS, Navi Mumbai	-	4.8	10.0	3.6	-
Maharashtra State Corp CFS	1.4	3.5	4.8	2.0	4.1
Navkar Corporation Yard 2 CFS, Panvel	2.5	5.1	5.9	5.4	6.3
Navkar Corporation Yard 3 CFS, Panvel	3.2	4.5	6.7	7.3	5.3
Ocean Gate CFS, Panvel	2.3	4.5	6.0	4.2	4.5
Punjab Conware CFS, Navi Mumbai	1.8	2.7	5.3	3.9	5.1
Sarveshwar CFS	4.9	4.8	6.0	4.8	5.4
SBW Logistics CFS, Navi Mumbai	4.0	9.9	8.7	8.0	5.2
Seabird CFS, Navi Mumbai	2.4	4.7	6.0	4.9	5.1
Speedy Multimode CFS, JNPT	2.6	4.1	5.7	3.8	4.0
Take Care Logistics CFS	2.2	5.6	7.3	5.2	5.6
Transworld Terminals CFS,Mumbai	-	4.2	5.4	3.2	3.5
Vaishno Logistics CFS, Navi Mumbai	3.0	3.5	8.8	6.5	5.6

JNPA Region: Cluster Analysis

Based on container movement between port and CFS in Mumbai region, all the CFSs have been grouped into 8 Clusters on the basis of their vicinity.
Below tables show all the clusters and the relevant data for GTI and NSFT terminals

CFS Cluster : GTI Terminal

GTI terminal for month of May'25				
Clusters	No. of CFS's in Cluster	Distance from Port (Km)	Import cycle time (in Hrs)	Export cycle time (in Hrs)
Cluster 1	1	8	1.8	4.1
Cluster 2	6	13	2.3	3.7
Cluster 3	6	11	2.8	3.4
Cluster 4	1	13	2.3	3.5
Cluster 5	2	25	3.2	3.9
Cluster 6	6	25	3.0	4.8
Cluster 7	4	12	2.5	4.5
Cluster 8	1	34	3.9	9.9

CFS Cluster : NSFT Terminal

NSFT terminal for month of May'25				
Clusters	No. of CFS's in Cluster	Distance from Port (Km)	Import cycle time (in Hrs)	Export cycle time (in Hrs)
Cluster 1	1	8	1.5	3.2
Cluster 2	6	13	2.1	2.3
Cluster 3	6	11	2.1	2.1
Cluster 4	1	13	2.0	3.0
Cluster 5	2	25	2.6	2.5
Cluster 6	6	25	2.5	2.8
Cluster 7	4	12	2.1	2.6
Cluster 8	1	34	3.1	4.0

JNPA Region: Cluster Analysis

Based on container movement between port and CFS in Mumbai region, all the CFSs have been grouped into 8 Clusters on the basis of their vicinity.
Below tables show all the clusters and the relevant data for NSICT, NSIGT and BMCT terminals

CFS Cluster : NSICT Terminal

NSICT terminal for month of May'25				
Clusters	No. of CFS's in Cluster	Distance from Port (Km)	Import cycle time (in Hrs)	Export cycle time (in Hrs)
Cluster 1	1	8	2.0	5.7
Cluster 2	6	13	2.5	7.8
Cluster 3	6	11	2.6	5.3
Cluster 4	1	13	4.2	8.8
Cluster 5	2	25	4.2	5.7
Cluster 6	6	25	3.7	6.3
Cluster 7	4	12	2.2	5.7
Cluster 8	1	34	5.0	8.7

CFS Cluster : NSIGT Terminal

NSIGT terminal for month of May'25				
Clusters	No. of CFS's in Cluster	Distance from Port (Km)	Import cycle time (in Hrs)	Export cycle time (in Hrs)
Cluster 1	1	8	1.7	3.8
Cluster 2	6	13	2.0	4.3
Cluster 3	6	11	2.7	4.0
Cluster 4	1	13	1.7	6.5
Cluster 5	2	25	5.2	5.3
Cluster 6	6	25	3.0	4.8
Cluster 7	4	12	2.0	3.7
Cluster 8	1	34	6.1	8.0

CFS Cluster : BMCT Terminal

BMCT terminal for month of May'25				
Clusters	No. of CFS's in Cluster	Distance from Port (Km)	Import cycle time (in Hrs)	Export cycle time (in Hrs)
Cluster 1	1	8	1.4	4.1
Cluster 2	6	13	1.9	4.5
Cluster 3	6	11	2.4	5.1
Cluster 4	1	13	2.3	5.6
Cluster 5	2	25	2.7	4.6
Cluster 6	6	25	2.9	5.0
Cluster 7	4	12	2.0	4.9
Cluster 8	1	34	4.0	5.2

JNPA Region: Destination-wise Dwell Time- Import

The below table depicts Port Dwell Time Performance at JNPA Port for Train bound containers in Import Cycle based on the next destination city:

Destination-wise Dwell Time (in hrs) – Train for May'25

City	BMCT	GTI	NSFT	NSIGT	NSICT	Overall
Ankaleshwar	44.1	50.3	33.0	67.6	-	50.3
Boisar	88.7	-	53.7	72.3	80.4	80.5
Dadri	44.9	-	36.9	54.9	57.1	46.9
Daulatabad	44.6	46.9	36.7	83.8	21.4	45.9
Guhati	82.9	97.3	98.6	77.0	-	88.9
Indore	68.3	-	23.3	56.6	46.1	42.3
Kanpur	97.0	58.6	67.1	-	78.9	92.9
Khatuwas	26.8	46.1	-	-	-	30.9
Khodiyar	66.2	65.0	-	99.1	44.5	65.0
Ludhiana	-	67.2	88.7	78.8	72.6	83.5
Malanpur	79.1	93.1	47.8	-	82.1	82.1
Moradabad	30.1	55.8	-	68.5	48.6	53.7
Nagpur	50.5	-	62.5	55.4	44.1	59.7
Navi Mumbai	44.9	34.7	73.0	31.8	-	35.5
Sanatnagar	46.0	-	51.5	52.7	-	49.8
Tughlakabad	44.1	-	35.8	47.1	75.0	46.4

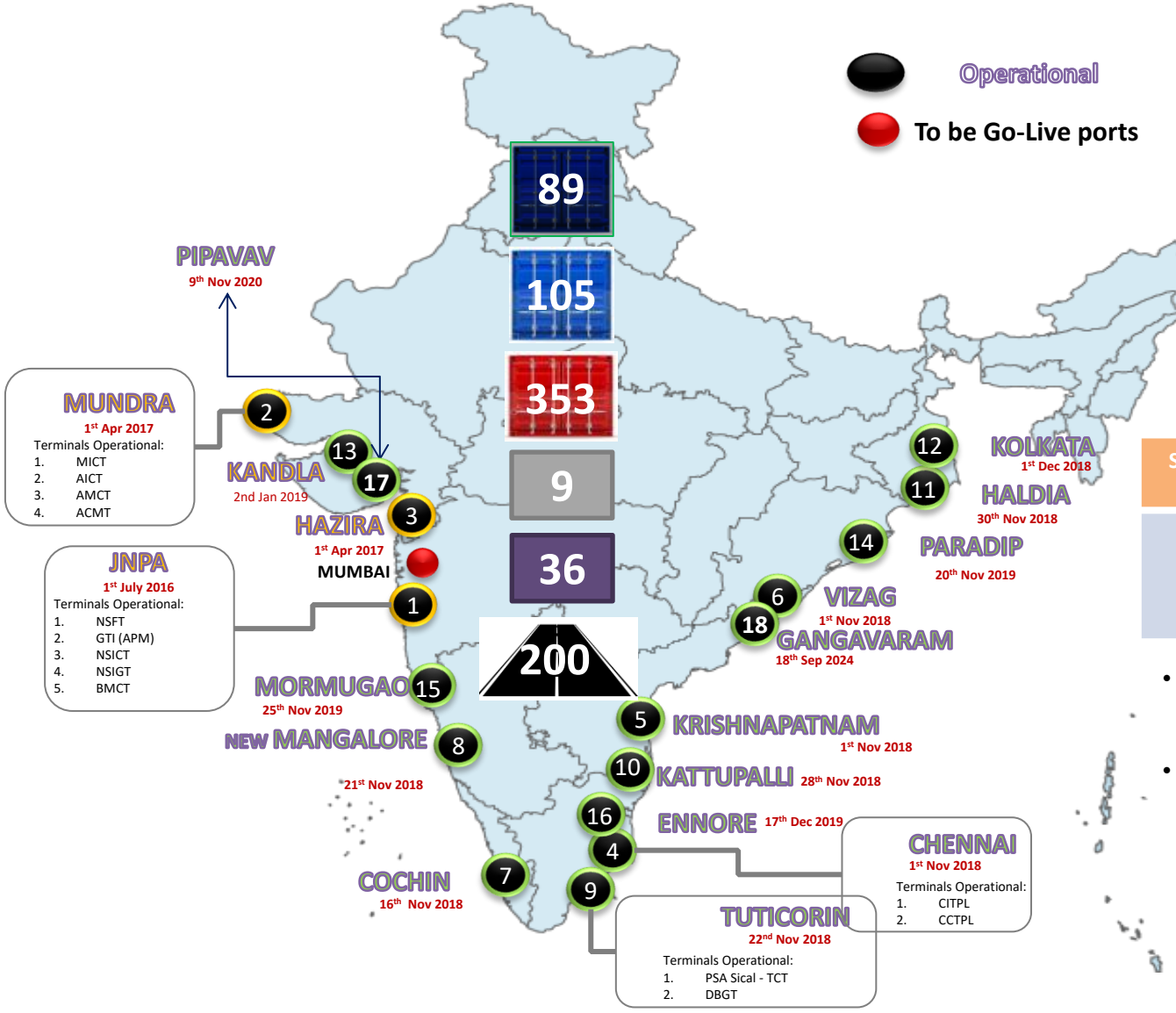
JNPA Region: Destination-wise Dwell Time- Import

The below table depicts the Port Dwell Time Performance at JNPA Port for Truck bound containers in Import Cycle based on the next destination CFS:

Destination-wise Dwell Time (in hrs) – Truck for May'25

CFS	BMCT	GTI	NSFT	NSIGT	NSICT	Overall
AllCargo Logistics	26.7	-	-	27.3	50.4	29.5
Ameya Logistics CFS, Navi Mumbai	24.2	-	24.3	33.6	39.9	30.0
APM (Maersk India) CFS, Navi Mumbai	45.4	24.3	8.9	32.2	35.4	31.4
Apollo Logisolutions CFS, Panvel	14.5	19.3	22.0	19.1	23.8	18.4
Ashte Logistics CFS, Panvel	14.9	22.1	-	27.8	29.7	21.3
Balmer & Lawrie CFS, Navi Mumbai	15.1	16.7	19.5	22.8	26.3	18.4
Continental Warehousing CFS, Navi Mumbai	15.6	19.6	19.2	28.2	-	21.3
CWC Impex Park	21.7	31.7	31.3	35.7	53.4	34.2
Dronagiri Rail Terminal CFS, Navi Mumbai	16.1	24.2	12.9	31.3	-	22.4
EFC Logistics	10.8	14.7	13.2	18.1	19.9	14.1
Gateway Distriparks CFS, Navi Mumbai	16.9	21.3	18.1	33.5	30.9	22.6
International Cargo Terminals (ULA) CFS, Navi Mumbai	-	-	-	20.3	23.7	21.8
JWC Logistics Park CFS	16.0	21.1	18.4	25.1	19.0	19.9
Kerry Indev Logistics Pvt Ltd CFS	-	-	18.7	26.4	19.4	24.3
Maharashtra State Corp CFS	15.3	19.0	16.7	34.4	60.5	32.4
Navkar Corporation	22.2	21.4	22.4	35.4	31.2	24.0
Ocean Gate CFS, Panvel	15.3	18.4	18.8	26.1	34.2	18.9
Sarveshwar Logistics	13.1	18.7	-	28.7	25.5	19.3
SBW Logistics CFS, Navi Mumbai	48.8	-	80.7	83.5	-	64.3
Seabird CFS, Navi Mumbai	16.1	-	15.6	33.1	41.9	22.7
Speedy Multimode CFS, JNPT	13.3	-	-	24.1	24.3	17.0
Take Care Logistics	23.1	-	-	-	49.1	28.3
TG Terminals	14.4	-	16.5	22.8	31.3	18.8
Vaishno Logistics CFS, Navi Mumbai	21.0	26.6	27.1	36.7	27.4	25.9

LDB Operations Snapshot (1/2)



S.NO.	Remaining Ports for LDB to Go Live	Status
1	Mumbai Port Trust	RFID readers already Installed

- 100% Container Visibility after Gangavaram Port Go Live
- More than about 83+ million EXIM containers covered till date.(2025.06.09)

LDB Operations Snapshot (2/2)

Below mentioned are all the CFS in the respective Clusters :

Cluster 1
(JNPA Area)

- Speedy Multimode CFS,JNPA

Cluster 2
(Bhendkhal area, Khopate road)

- APM (Maersk India) CFS, Navi Mumbai
- Maersk Annex (APM)CFS, Navi Mumbai
- Balmer & Lawrie CFS, Navi Mumbai
- CWC Hind Terminal CFS, Navi Mumbai
- International Cargo Terminals (ULA) CFS, Navi Mumbai & Infrastructure Private Limited
- Gateway Distriparks CFS, Navi Mumbai
- International Cargo Terminal CFS

Cluster 3
Sonari area,JNPA road

- Punjab Conware CFS, Navi Mumbai
- Dronogiri Rail Terminal CFS, Navi Mumbai
- CWC Impex Park CFS, Navi Mumbai
- CWC Dronagiri CFS, Navi Mumbai
- Maharashtra State Corp CFS
- Seabird CFS, Navi Mumbai

Cluster 4
(Chirle area , JNPA road)

- Vaishno Logistics CFS, Navi Mumbai

Cluster 5
(Plaspa area, Coachi kanyakumari Highway)

- JWC Logistics Park CFS
- Ocean Gate CFS, Panvel

Cluster 8
SBW

Cluster 6
(Salva apta rd area, Bangalore highway)

- Ashte Logistics CFS, Panvel
- Apollo Logisolutions CFS, Panvel
- Indev Logistics CFS, Panvel
- Navkar Corporation Yrd 1 CFS, Panvel
- Navkar Corporation Yard 2 CFS, Panvel
- Navkar Corporation Yard 3 CFS, Panvel

Cluster 7
(Patilpada area, Khopate JNPA road)

- All Cargo Logistics CFS, Navi Mumbai
- Transindia Logistics Park, Navi Mumbai
- Ameya Logistics CFS, Navi Mumbai
- Continental Warehousing CFS, Navi Mumbai

Annexure: Western Region CFS

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

Annexure: Congestion Analysis & Methodology

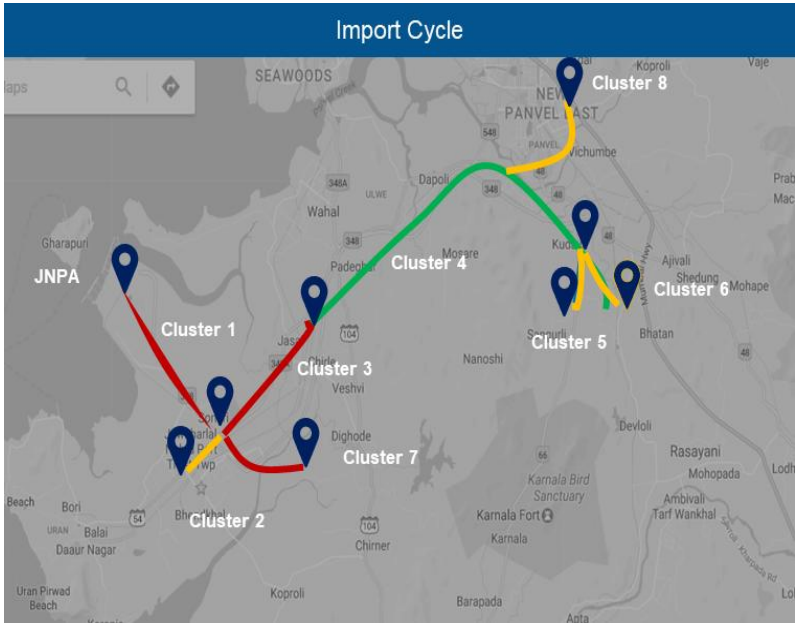
Methodology

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 Analysis

Congestion Level — High — Medium — Low


THANK YOU