Logistics Data Bank (LDB) Analytics Report – JNPA

October 2025

NLDS
NICDC LOGISTICS DATA SERVICES LTD
Logistics Redefined

Index

Overall Analysis

Executive Summary

Terminal wise Dwell Time Performance – Snapshot

Import Cycle		
Port Terminals	Oct'25 (in hrs)	Sep'25 (in hrs)
NSFT	29.7	44.3
NSICT	33.1	55.1
GTI	23.2	33.9
NSIGT	28.8	45.1
BMCT	21.4	44.8
NSDT	35.0	56.7

Export Cycle		
Port Terminals	Oct'25 (in hrs)	Sep'25 (in hrs)
NSFT	71.7	71.2
NSICT	55.6	61.2
GTI	69.6	73.6
NSIGT	79.3	75.7
BMCT	72.4	74.2
NSDT	41.7	52.1

Critical Incident Summary
Jawaharlal Nehru Port Authority

- Overall container handling performance (Port Dwell Time) has improved in both import and export cycle. CFS dwell Time performance has declined in both import and export cycle. ICD dwell performance has improved in import cycle and has declined in 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
Oct'25	25.3 hrs ↓	70.1 hrs ↓	98.3 hrs ↑	58.2 hrs ↑	156.4 hrs ↓	113.5 hrs ↑
Sep'25	43.2 hrs *41.4%*	71.5 hrs *2.0%*	93.1 hrs *5.6%*	58.0 hrs *0.3%*	175.6 hrs *10.9%*	104.8 hrs *8.3%*

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

Container Transportation Performance: Western Corridor

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

	Oct'25 (in hrs)		Sep'25 (in hrs)
Truck	24.5	↓	32.5
Train	60.7	↓	93.5
Overall	28.7	↓	40.0

CFS/ ICD Dwell Time

	Oct'25 (in hrs)		Sep'25 (in hrs)
CFS	102.4	↑	97.6
ICD	156.4	↓	175.6

Container Lifecycle (Export Cycle)

Port Dwell Time

EXPORT

	Oct'25 (in hrs)		Sep'25 (in hrs)
Truck	79.6	↓	81.6
Train	98.8	↓	106.2
Overall	82.2	↓	84.9

CFS/ ICD Dwell Time

	Oct'25 (in hrs)		Sep'25 (in hrs)
CFS	58.9	↑	58.6
ICD	113.5	↑	104.8

↓ ↑ 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)
N	NSDT Terminal

X-Axis: Dwell Time
Threshold value (in hours): 62.9

Y-Axis: No. of Boxes
Threshold value (no. of boxes): 52,523

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

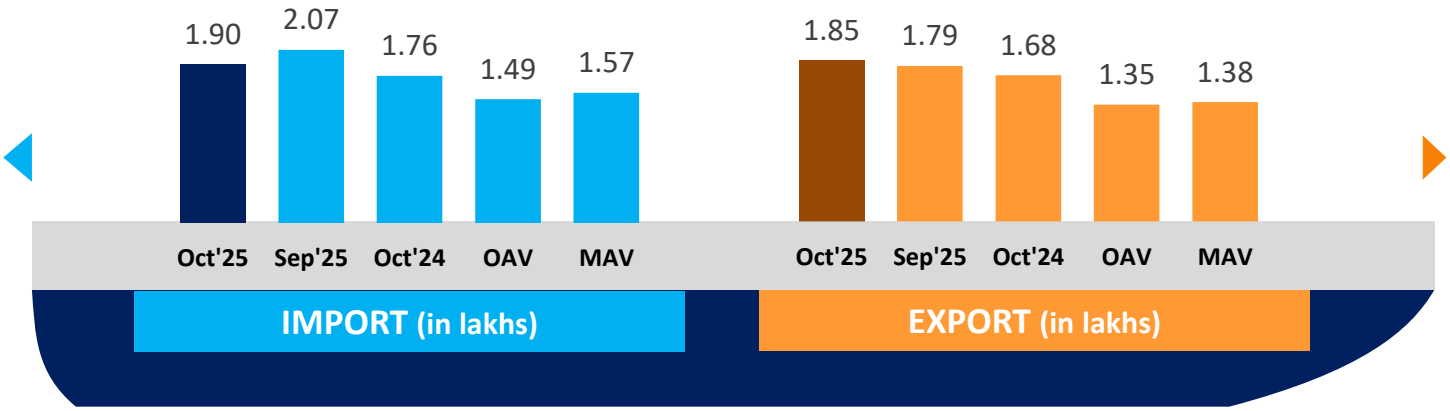
High Potential ★★
Entities with low container count and low dwell time

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

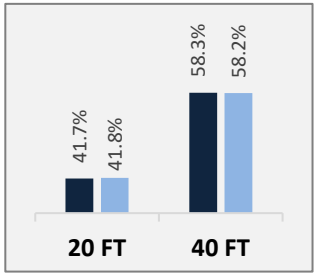
Needs Improvement ★
Entities with low container count and high dwell time

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

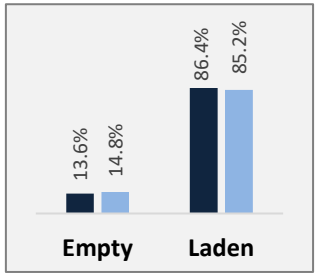
Jawaharlal Nehru Port Authority



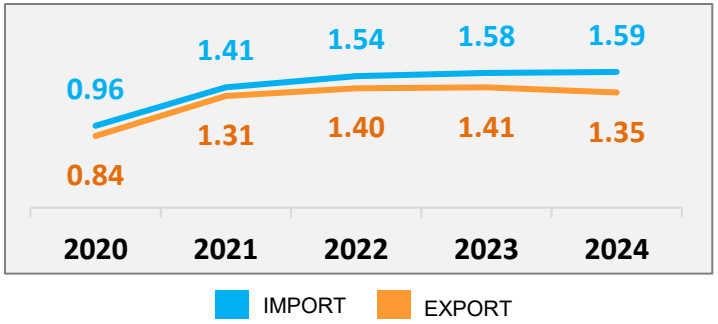
Container Size-wise (Import)



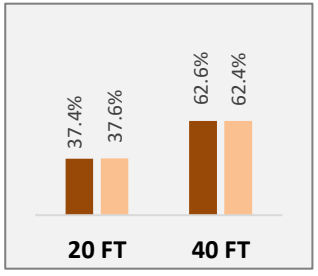
Container Type-wise (Import)



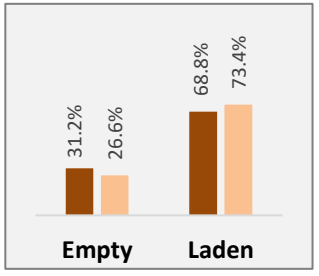
Container Count - Annual Average (in lakhs/ month)



Container Size-wise (Export)



Container Type-wise (Export)

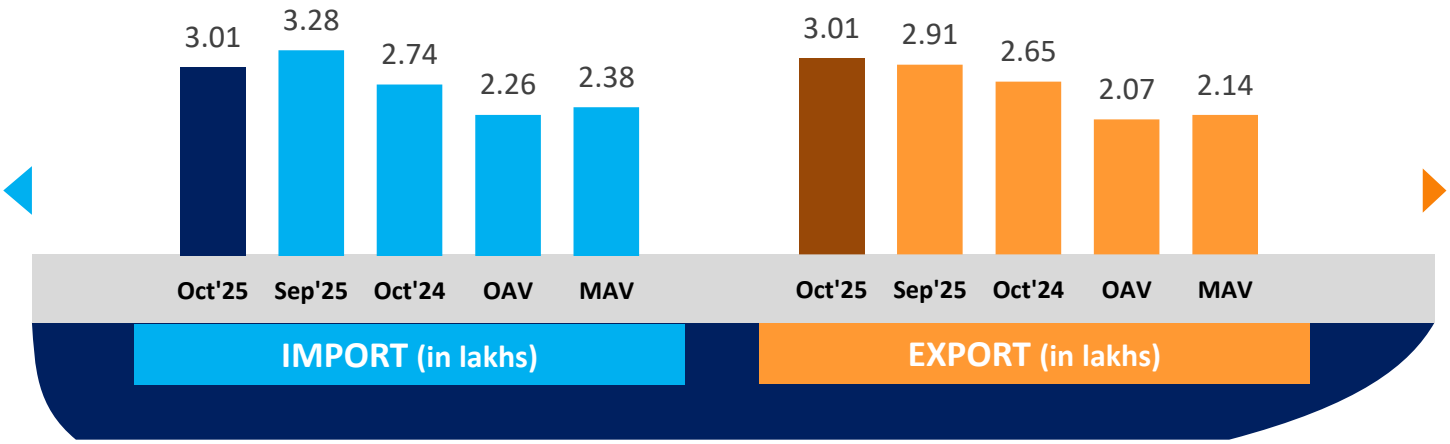


OAV – Overall Avg Volume
MAV – Monthly Avg Volume

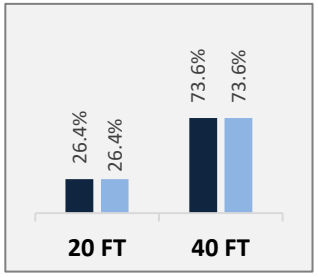
Note: All above figures are in no. of boxes

Container Volume (TEUs): JNPA Port Terminals

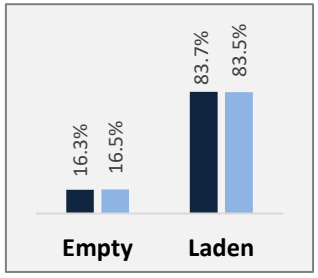
Jawaharlal Nehru Port Authority



Container Size-wise (Import)

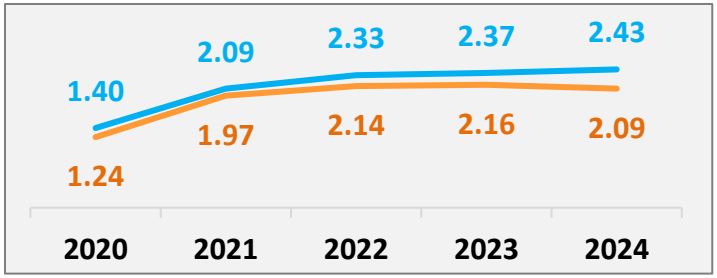


Container Type-wise (Import)



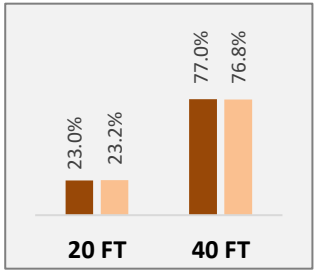
Oct'25 Sep'25

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

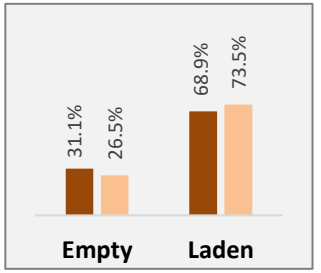


IMPORT EXPORT

Container Size-wise (Export)



Container Type-wise (Export)



Oct'25 Sep'25

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

	Oct'25 (in hrs)		Sep'25 (in hrs)
Truck	23.2	↓	37.1
Train	45.6	↓	83.6
Overall	25.3	↓	43.2

Transit Time

	Oct'25 (in hrs)		Sep'25 (in hrs)
Port to CFS	2.7	↓	2.8
Port to ICD	111.0	↑	105.0

CFS/ ICD Dwell Time

	Oct'25 (in hrs)		Sep'25 (in hrs)
CFS	98.3	↑	93.1
ICD	156.4	↓	175.6

Volume distribution at port terminal – Truck/Train

	Truck	Train
Import	85%	15%
Export	83%	17%

Container Lifecycle (Export Cycle)

EXPORT

	Oct'25 (in hrs)		Sep'25 (in hrs)
Truck	68.4	↓	69.7
Train	84.0	↓	85.5
Overall	70.1	↓	71.5

	Oct'25 (in hrs)		Sep'25 (in hrs)
CFS to Port	4.3	↑	4.2
ICD to Port	91.1	↓	92.0

	Oct'25 (in hrs)		Sep'25 (in hrs)
CFS	58.2	↑	58.0
ICD	113.5	↑	104.8

↓ ↑ Indicates decrease/ increase in time from last month

Container Transportation: JNPA Port Terminals

Import Cycle	Particulars		Oct'25 (in hrs)	Sep'25 (in hrs)
	Dwell Time	Overall Dwell Time	25.3	43.2
		Truck Bound Containers	23.2	37.1
		Train Bound Containers	45.6	83.6
		Direct Port Delivery (DPD) containers	25.7	41.3
		Containers bound for CFS	22.4	43.3
		Empty Containers	32.1	47.1
		Laden Containers	24.2	42.4
	Transit Time	Port to ICD	111.0	105.0
		Port to CFS	2.7	2.8

Export Cycle	Particulars		Oct'25 (in hrs)	Sep'25 (in hrs)
	Dwell Time	Overall Dwell Time	70.1	71.5
		Truck Bound Containers	68.4	69.7
		Train Bound Containers	84.0	85.5
		Direct Port Entry (DPE) containers	70.4	70.8
		Containers bound from CFS	66.3	65.5
		Empty Containers	69.2	69.6
		Laden Containers	70.5	72.1
	Transit Time	ICD to Port	91.1	92.0
		CFS to Port	4.3	4.2

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	Oct'25 (in hrs)	Sep'25 (in hrs)
Gate in - Gate Out	5.2	5.4

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

	Within 2 hrs	2-4 hrs	4-8 hrs	8-16 hrs	16-24 hrs	More than 24 hrs
Parking Plaza Dwell Time	13%	25%	32%	21%	6%	3%

Parking Plaza to JNPA Port	Oct'25 (in hrs)	Sep'25 (in hrs)
Gate Out – Terminal In	2.1	2.1

Port Terminal	Oct'25 (in hrs)	Sep'25 (in hrs)
NSFT	3.6	1.2
NSICT	1.8	3.7
GTI	1.7	1.7
NSIGT	1.2	1.1
BMCT	3.4	4.1
NSDT	1.8	2.0

Container Count Percentage: Hour-wise (Oct'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	17%	11%	13%	15%	14%	30%
NSICT	32%	21%	11%	8%	9%	19%
GTI	25%	37%	23%	9%	2%	4%
NSIGT	44%	24%	10%	7%	5%	10%
BMCT	3%	20%	19%	17%	11%	30%
NSDT	31%	28%	15%	10%	12%	4%

CFS/ICD Performance Benchmarking & Performance Index

CFS: Western Corridor

Performance Benchmarking

ICD: PAN India

Top Performing CFS

JWR CFS

High Potential CFS	Low Performing CFS
Vaishno Logistics CFS, Navi Mumbai	Landmark CFS, Mundra

Performance Index – Oct'25

X-Axis: Dwell Time

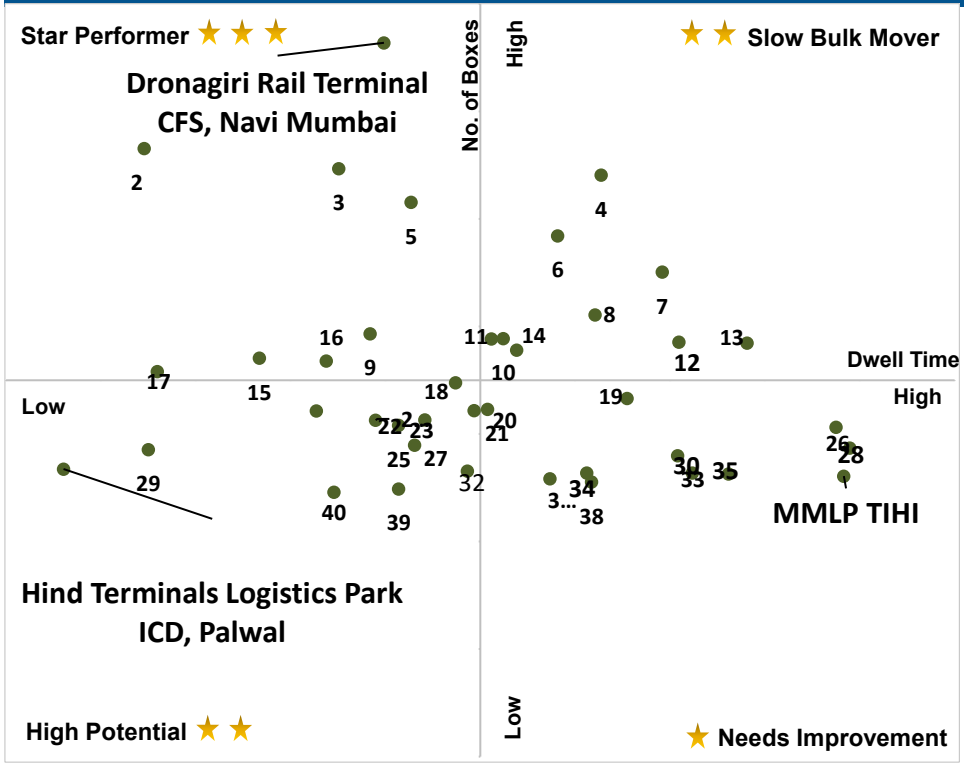
Y-Axis: No. of Boxes

Top Performing ICD

Dronagiri Rail Terminal CFS, Navi Mumbai

High Potential ICD	Low Performing ICD
Hind Terminals Logistics Park ICD, Palwal	MMLP TIHI

Performance Index – Oct'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 (15% 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	Oct'25 (in hrs)	Sep'25 (in hrs)
NSFT	52.4	93.5
NSICT	42.2	76.4
GTI	40.4	74.1
NSIGT	58.5	79.9
BMCT	44.9	93.4
NSDT	-	-

Container Handled: Hour-wise (Oct'25)

Port Terminals	Within 0-24 hrs	24-48 hrs	48-72 hrs	72-96 hrs	96-144 hrs	More than 144 hrs
NSFT	10%	34%	21%	11%	9%	15%
NSICT	36%	19%	17%	8%	10%	10%
GTI	30%	27%	16%	11%	9%	7%
NSIGT	13%	29%	18%	11%	13%	16%
BMCT	28%	25%	18%	12%	9%	8%
NSDT	-	-	-	-	-	-

PORT IMPORT via TRUCK (85% 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	Oct'25 (in hrs)	Sep'25 (in hrs)
NSFT	26.4	36.8
NSICT	32.5	52.2
GTI	21.4	28.4
NSIGT	26.3	41.2
BMCT	19.4	37.1
NSDT	34.8	56.7

Container Handled: Hour-wise (Oct'25)

Port Terminals	Within 0-24 hrs	24-48 hrs	48-72 hrs	72-96 hrs	96-144 hrs	More than 144 hrs
NSFT	45%	32%	13%	6%	3%	1%
NSICT	37%	30%	15%	8%	6%	4%
GTI	56%	28%	10%	4%	2%	-
NSIGT	45%	31%	14%	6%	3%	1%
BMCT	61%	27%	9%	2%	1%	-
NSDT	19%	50%	24%	5%	1%	1%

JNPA Port Terminal: Dwell Time Performance (Import Cycle)

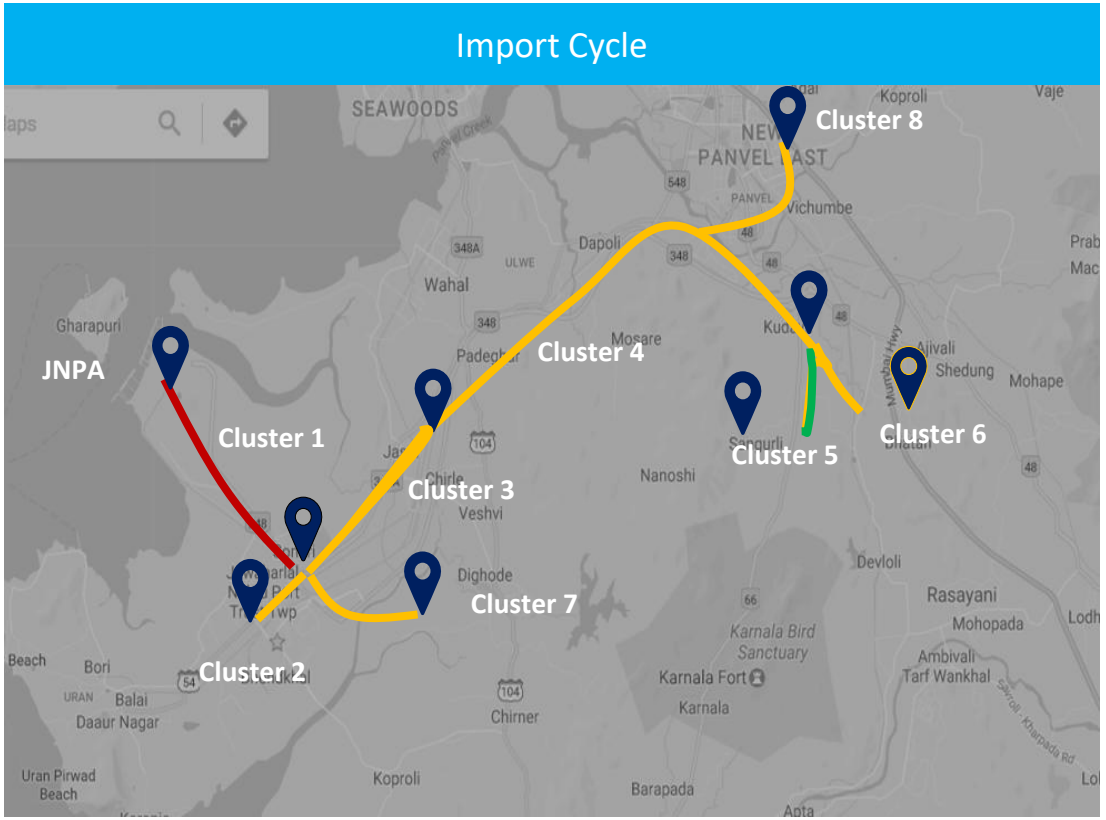
The below table depicts the detailed JNPA region port performance in the month of Oct'25

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	29.9	23.7	36.0	27.6
NSICT	69.5	31.3	42.0	31.1
GTI	70.2	22.0	25.9	22.9
NSIGT	84.8	23.9	30.4	28.4
BMCT	26.5	19.0	29.5	20.6
NSDT	-	41.9	-	35.0

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 Oct'25



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	JNPA Area	1	9.91%	High
Cluster 2	Bhendkhal Area, Khopate Road	6	35.25%	Medium
Cluster 3	Sonari Area,JNPA Road	2	12.65%	Medium
Cluster 4	Chirle Area, JNPA Road	1	1.67%	Medium
Cluster 5	Plaspa Area, Coach Kanyakumari Highway	2	9.35%	Low
Cluster 6	Salva Apta Road Area, Bangalore Highway	5	18.04%	Medium
Cluster 7	Patilpada Area, Khopate JNPA Road	3	12.60%	Medium
Cluster 8	Taloja, Navi Mumbai	1	0.53%	Medium

Congestion Level — High — Medium — Low

JNPA Region Import Cycle: Container Movement

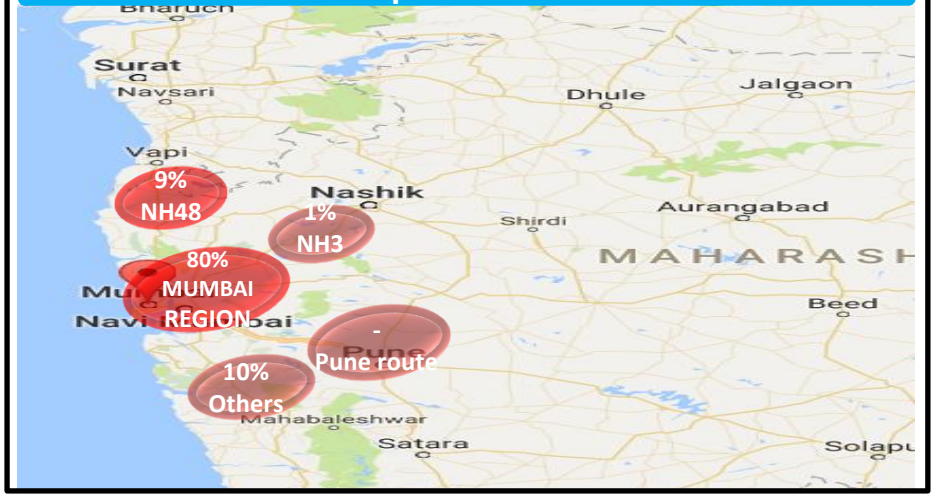
Truck

HEAT MAP : OVERALL MUMBAI REGION

Region	Oct'25
Mumbai region	80%
NH3	1%
Pune	-
NH48	9%
Others	10%

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

Heat Map via Truck: Oct'25



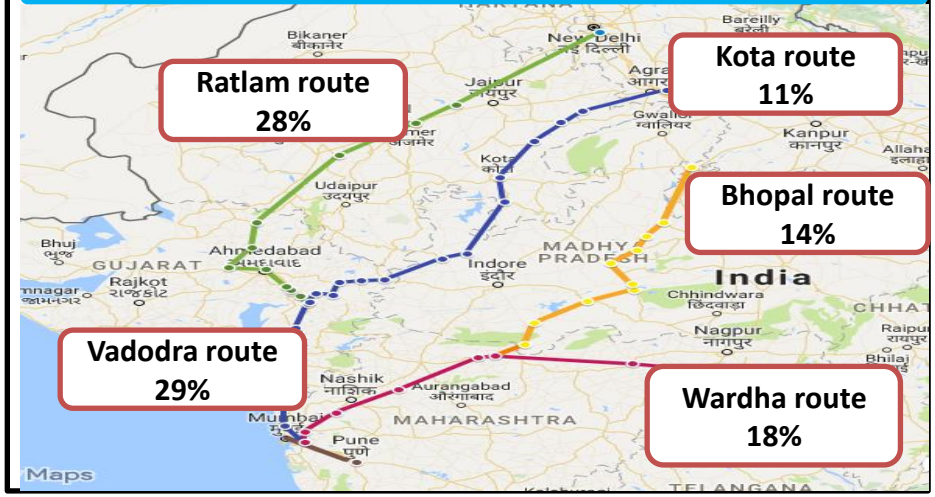
Train

VOLUME WISE CONTAINER MOVEMENT

Region	Oct'25
Vadodra Route	29%
Ratlam Route	28%
Wardha Route	18%
Kota Route	11%
Bhopal Route	14%

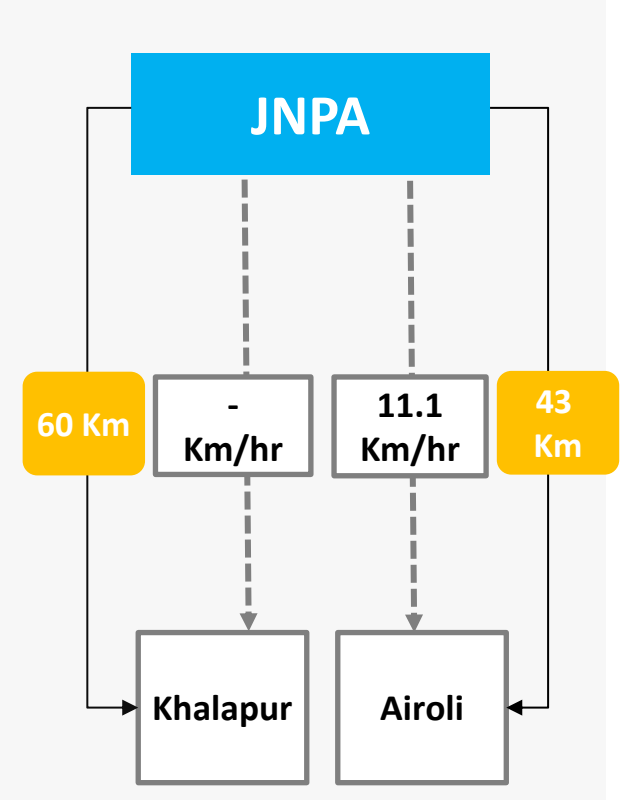
The map depicts the volume wise container movement through different railway routes in import cycle

Container movement via Train: Oct'25



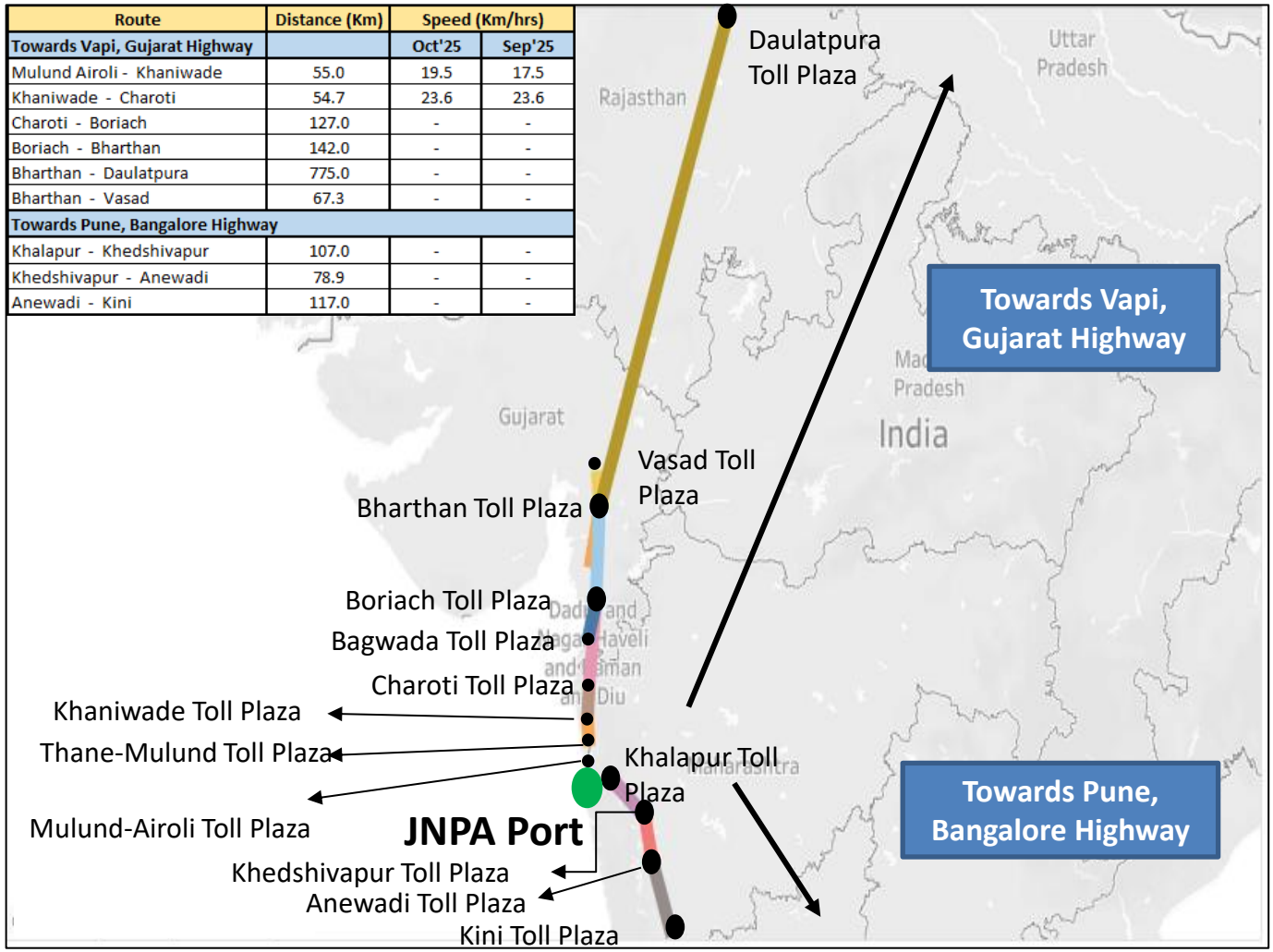
Western Corridor Toll Plaza Analysis

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



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

Route	Distance (Km)	Speed (Km/hrs)	
Towards Vapi, Gujarat Highway		Oct'25	Sep'25
Mulund Airoli - Khaniwade	55.0	19.5	17.5
Khaniwade - Charoti	54.7	23.6	23.6
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	Oct'25 (in hrs)	Sep'25 (in hrs)
NSFT	103.7	93.0
NSICT	13.4	31.8
GTI	96.1	95.3
NSIGT	97.1	89.0
BMCT	111.9	109.9
NSDT	-	-

Container Handled: Hour-wise (Oct'25)

Port Terminals	Within 0-24 hrs	24-48 hrs	48-72 hrs	72-96 hrs	96-144 hrs	More than 144 hrs
NSFT	11%	9%	17%	9%	22%	32%
NSICT	60%	7%	7%	7%	12%	7%
GTI	3%	13%	17%	17%	25%	25%
NSIGT	2%	9%	17%	21%	30%	21%
BMCT	2%	11%	14%	14%	25%	34%
NSDT	-	-	-	-	-	-

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	Oct'25 (in hrs)	Sep'25 (in hrs)
NSFT	69.2	68.3
NSICT	62.8	64.8
GTI	66.8	70.9
NSIGT	77.2	74.1
BMCT	69.0	70.0
NSDT	41.7	52.1

Container Handled: Hour-wise (Oct'25)

Port Terminals	Within 0-24 hrs	24-48 hrs	48-72 hrs	72-96 hrs	96-144 hrs	More than 144 hrs
NSFT	8%	21%	25%	25%	19%	2%
NSICT	8%	26%	26%	22%	15%	3%
GTI	6%	22%	28%	24%	19%	1%
NSIGT	3%	16%	24%	27%	25%	5%
BMCT	5%	21%	27%	23%	17%	7%
NSDT	11%	61%	24%	2%	2%	-

JNPA Port Terminal: Dwell Time Performance (Export Cycle)

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

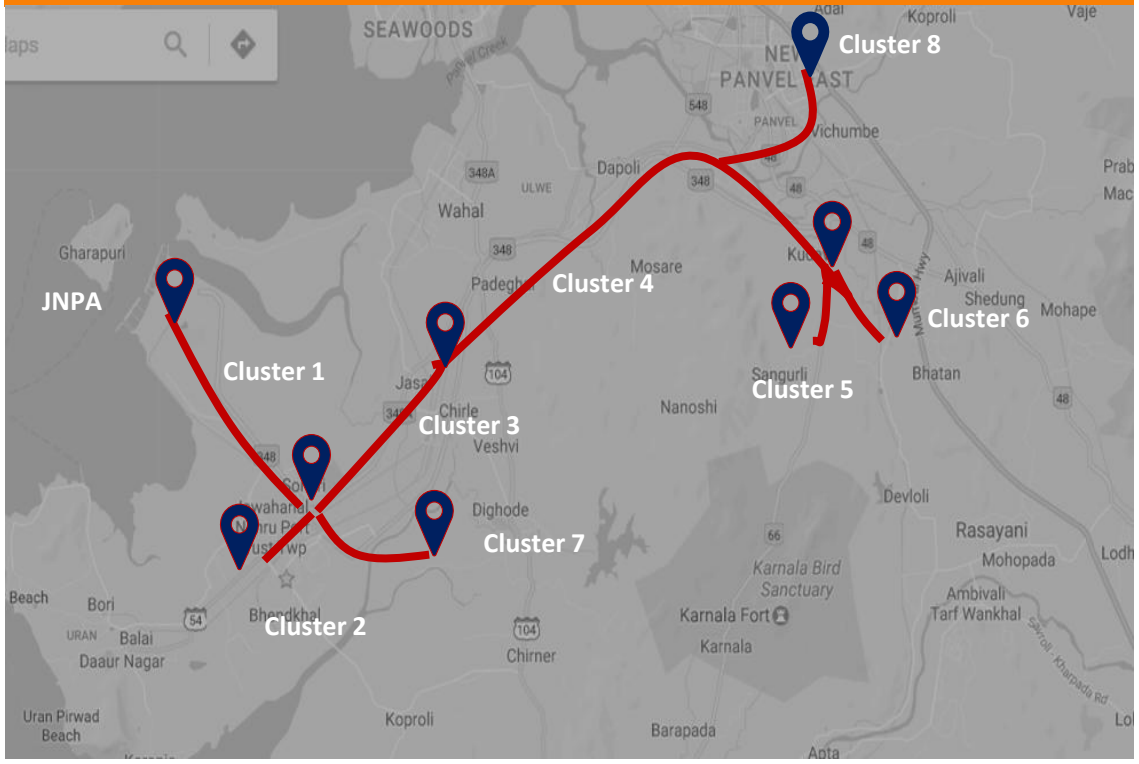
Port Dwell Time (in Hours) - Based on Transit Type				
Port Terminals	**Direct Port Entry (DPE) Containers-Truck**	**Containers bound from CFS**	**Empty Containers**	**Laden Containers**
NSFT	39.4	69.7	69.7	72.0
NSICT	34.8	62.7	65.3	54.1
GTI	30.9	62.9	66.6	71.5
NSIGT	37.6	77.0	76.4	81.7
BMCT	40.2	65.0	69.8	75.7
NSDT	57.2	36.9	-	41.7

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 Oct'25

Export Cycle



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	JNPA Area	1	4.26%	High
Cluster 2	Bhendkhal Area, Khopate Road	6	25.33%	High
Cluster 3	Sonari Area,JNPA Road	2	15.76%	High
Cluster 4	Chirle Area, JNPA Road	1	5.89%	High
Cluster 5	Plaspa Area, Coach Kanyakumari Highway	2	13.50%	High
Cluster 6	Salva Apta Road Area, Bangalore Highway	5	21.75%	High
Cluster 7	Patilpada Area, Khopate JNPA Road	3	12.62%	High
Cluster 8	Taloja, Navi Mumbai	1	0.89%	High

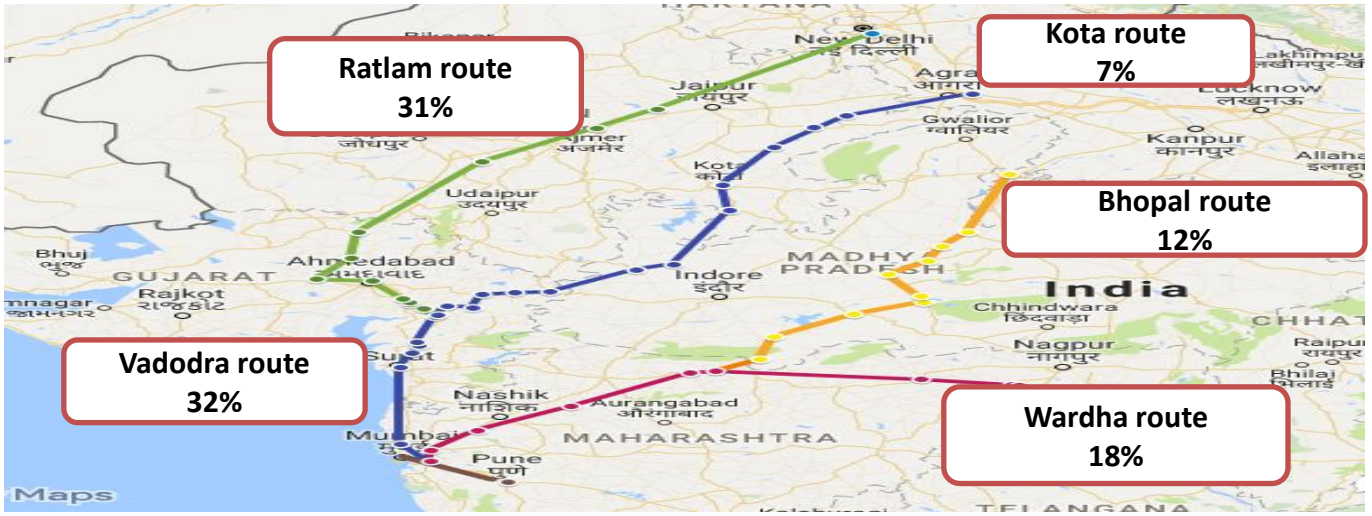
Congestion Level High Medium Low

JNPA Region: Container Movement via Train

JNPA Port	
Route	**Percentage of Container Movement**
Vadodra Route	32%
Ratlam Route	31%
Wardha Route	18%
Kota Route	7%
Bhopal Route	12%

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

Container movement via Train – Oct'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 Oct'25 and Sep'25

CFS Dwell Time (in hrs.)					
CFS	Oct'25 (in hrs)	Sep'25 (in hrs)	CFS	Oct'25 (in hrs)	Sep'25 (in hrs)
AllCargo Logistics CFS, Mumbai	89.4	81.8	JWR CFS	57.7	60.5
Ameya Logistics CFS, Navi Mumbai	80.2	88.6	Kerry Indev Logistics CFS, Mumbai	93.7	83.3
APM (Maersk India) CFS, Navi Mumbai	117.0	107.7	Maersk Annex (APM)CFS, Navi Mumbai	97.3	72.5
Ashte Logistics CFS, Panvel	103.5	97.5	Maharashtra State Corp CFS	81.9	99.2
Balmer & Lawrie CFS, Navi Mumbai	101.2	95.4	Navkar Corporation Yard 1 CFS, Panvel	93.8	80.4
Continental Warehousing CFS, Navi Mumbai	79.3	87.6	Navkar Corporation Yard 2 CFS, Panvel	104.4	95.5
CWC Conex Terminal CFS	80.2	77.2	Navkar Corporation Yard 3 CFS, Panvel	88.5	89.2
CWC Dronagiri CFS, Navi Mumbai	84.3	73.6	Ocean Gate CFS, Panvel	95.8	92.3
CWC Impex Park CFS, Navi Mumbai	97.5	91.5	Punjab Conware CFS, Navi Mumbai	94.8	95.7
CWC Polaris logistics park	101.5	95.1	Sarveshwar CFS	98.1	87.2
EFC Logistics India	98.3	86.1	Seabird CFS, Navi Mumbai	84.2	68.1
Gateway Distriparks CFS, Navi Mumbai	97.0	92.9	Speedy Multimode CFS, JNPT	92.6	97.6
International Cargo Terminal CFS	91.0	83.5	Transworld Terminals CFS, Mumbai	86.3	81.0
International Cargo Terminals (ULA) CFS, Navi Mumbai	91.6	89.7	Vaishno Logistics CFS, Navi Mumbai	65.0	-
JWC Logistics Park CFS	99.6	90.1			

ICD Performance

Below tables show the dwell time of the respective ICDs for Oct'25 and Sep'25

ICD Dwell Time (in hrs.)

ICD	Oct'25 (in hrs)	Sep'25 (in hrs)
Adani ICD, Tumb	97.8	90.3
Adani Logistics Park ICD, Gurgaon	137.2	144.1
CFS VALLARPADAM	124.4	128.4
CONCOR ICD, Dadri	68.8	63.9
CONCOR Kanakpura ICD, Jaipur	106.9	112.4
CONTAINER CORPORATION OF INDIA LTD - TONDIARPET (ICDTVT-T)	88.2	80.3
Continental Warehousing Corporation Nhava Sheva Ltd ICD,Haryana	150.2	145.1
DICT Sonipat	111.7	-
Dronagiri Rail Terminal CFS, Navi Mumbai	109.2	108.9
Gateway Rail Freight ICD, Pyala	158.7	126.1
Gateway Rail ICD, Sahnewal	113.8	119.4
Hind Terminals Logistics Park ICD, Palwal	55.2	75.4
HTPL ICD Qilaraipur Ludhiana	156.1	152.0
ICD ANKLESHWAR	121.3	84.2
ICD BGKT, JODHPUR	99.5	88.4
ICD DAULATABAD	144.2	98.0
ICD DDL, LUDHIANA	71	80.9
ICD KANPUR	114.4	99.4
ICD KHODIYAR	101.6	91.3
ICD KIFTPL Kashipur	111.7	149.2
ICD MAJHERHAT	69.5	-

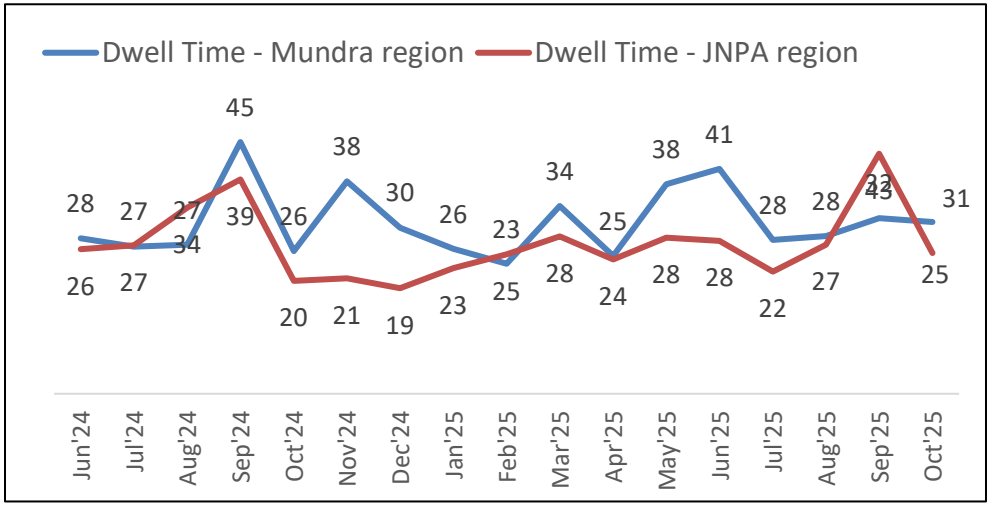
ICD	Oct'25 (in hrs)	Sep'25 (in hrs)
ICD MANDIDEEP	187.7	125.9
ICD Pali (KIPL)	129.3	117.0
ICD Powarkheda	106.4	-
ICD Sachana (CWC)	143.4	122.1
ICD SANATHNAGAR	138.5	113.9
ICD WHITEFIELD	145.8	135.7
KLPL ICD, Kanpur	126.7	112.9
Kribhco ICD, Meerut	158.9	162.9
MMLP AHMEDGARH (PLIL)	167.3	146.3
MMLP BALLI	97.5	106.7
MMLP BARHI	161.2	120.9
MMLP KHATUWAS	116.1	107.1
MMLP MIHAN	131.6	143.0
MMLP TIHI	186.7	214.5
MMLP VARNAMA	185.4	177.8
MMLP VISHAKAPATNAM	170.4	131.2
Pegasus Inland Container Depot	100.8	138.9
Pristine ICD Chawapail , Ludhiana	144.8	148.4
The Thar Dry Port ICD Ahmedabad	127.3	143.0
The Thar Dry Port Jodhpur	107.8	124.9
Vaishno Container Terminal-ICD Tarapur	123.3	109.5

Trend Analysis

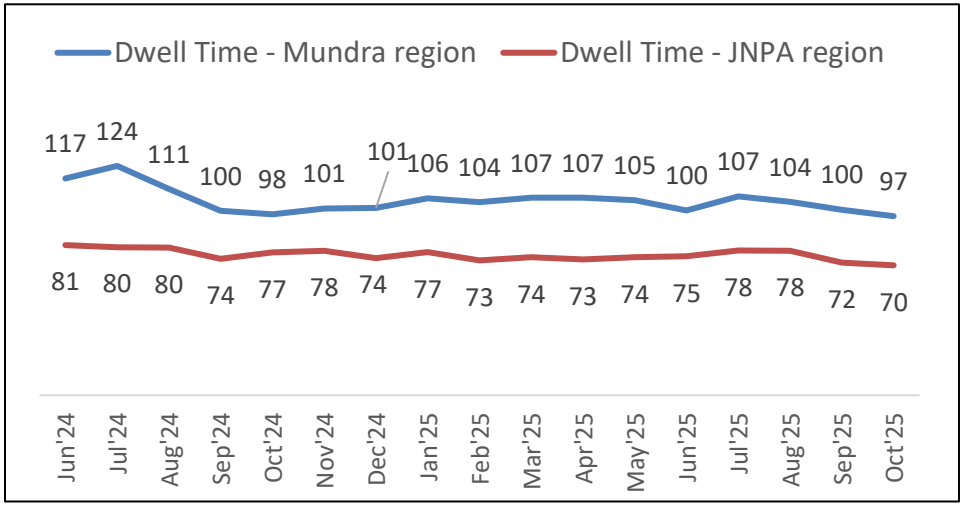
Western Corridor Port: Yearly Analysis

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

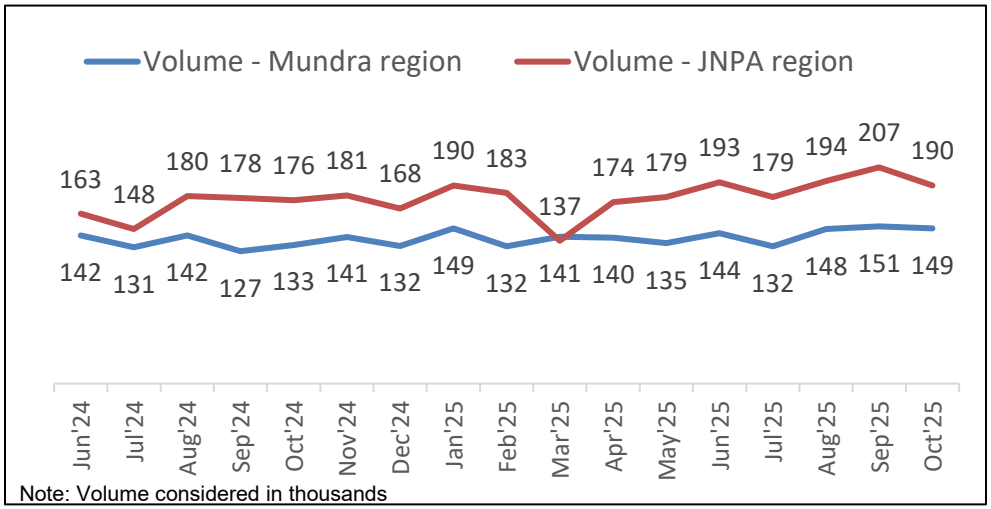
Import Dwell Time – Mundra Region Vs JNPA Region



Export Dwell Time – Mundra Region Vs JNPA Region

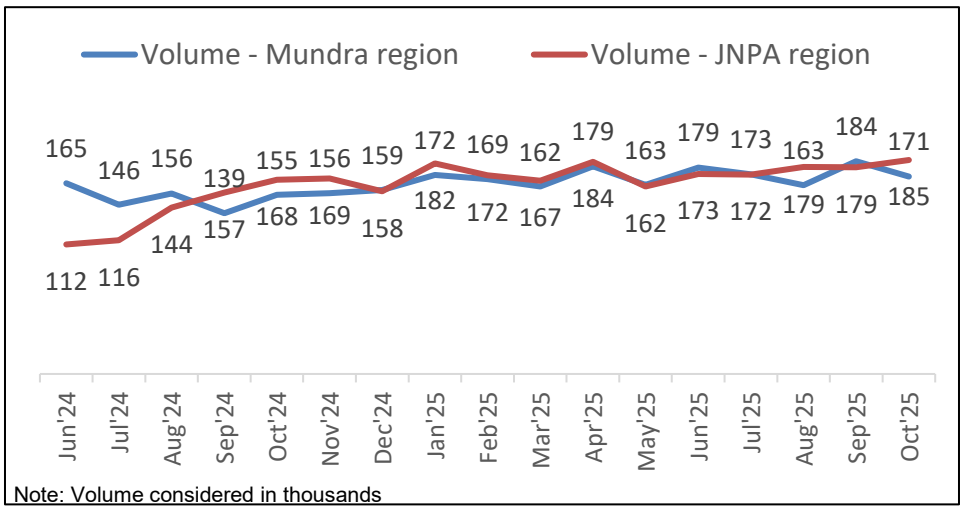


Import Volume – Mundra Region Vs JNPA Region



Note: Volume considered in thousands

Export Volume – Mundra Region Vs JNPA Region

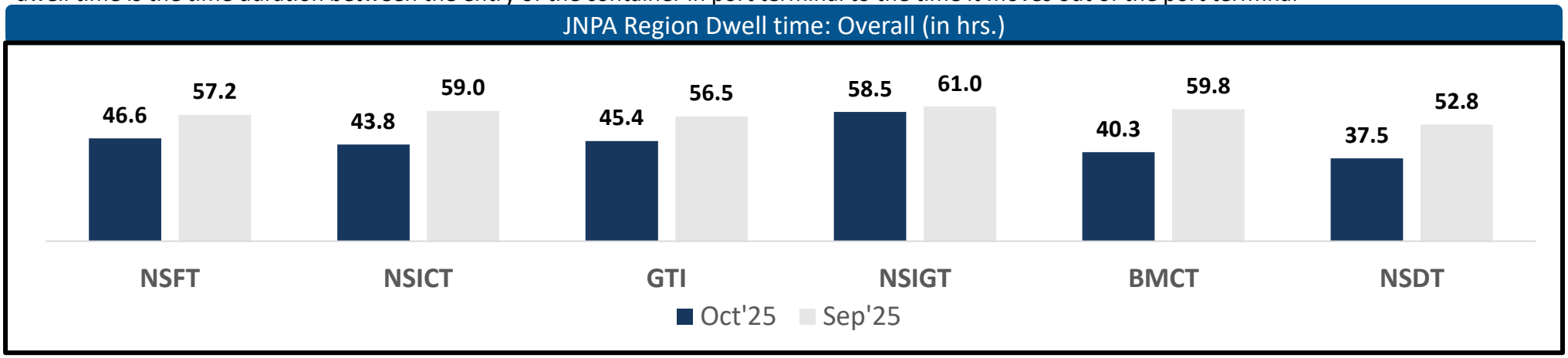


Note: Volume considered in thousands

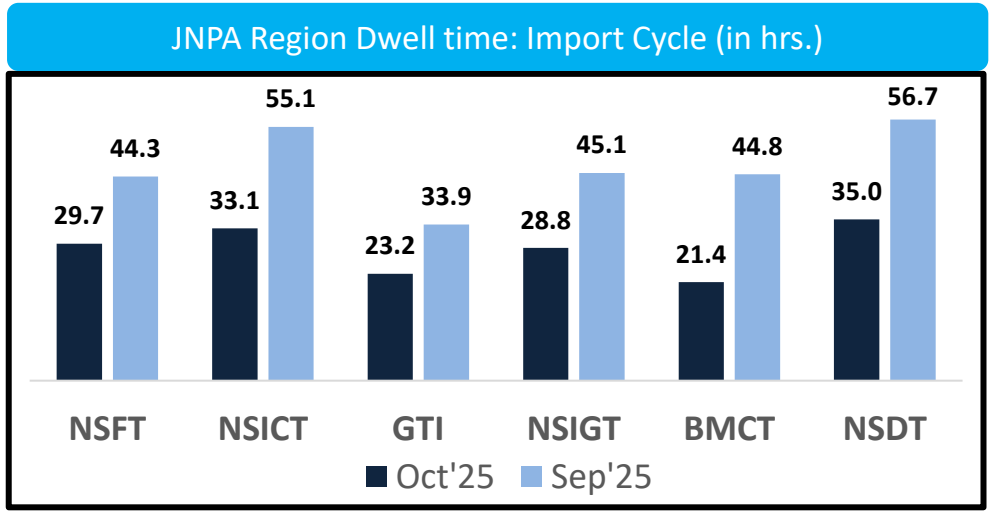
JNPA Port Dwell Time Trend: Month on Month

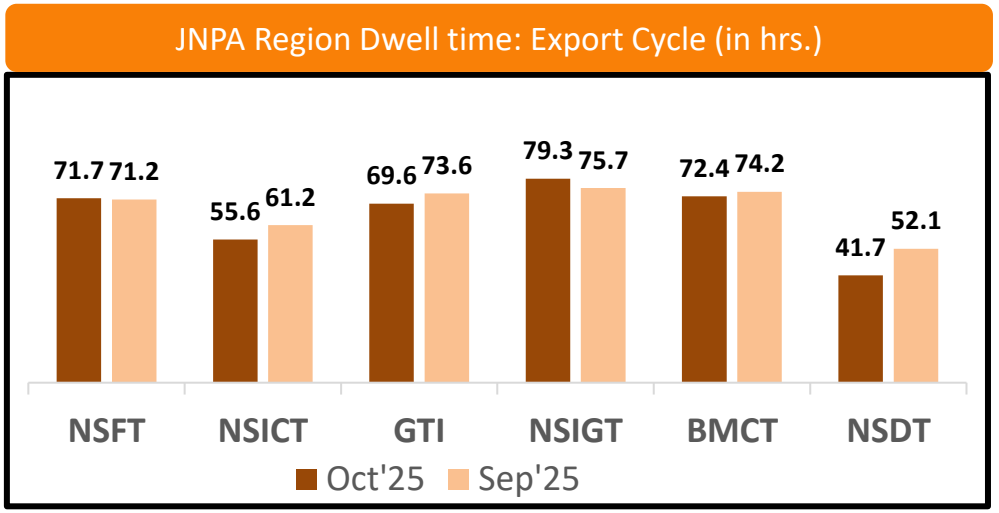
JNPA Port Dwell Time Trend :

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 Oct'25

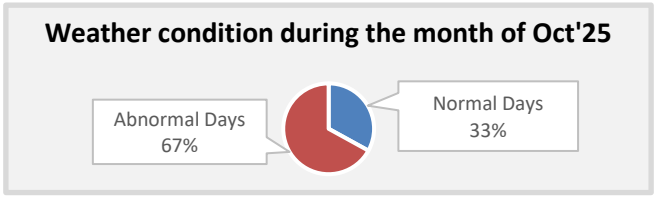




Weather Analysis

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

Oct'25

	Normal Weather	Abnormal Weather
Dwell Time (in hrs.)	28.8	23.7 (-18%)
Volume % share	35%	65%

Yearly (Jan'24 to Dec'24)

	Normal Weather	Abnormal Weather
Dwell Time (in hrs.)	20.5	29.8 (45%)
Volume % share	66%	34%

EXPORT CYCLE

Oct'25

	Normal Weather	Abnormal Weather
Dwell Time (in hrs.)	67.7	71.4 (6%)
Volume % share	35%	65%

Yearly (Jan'24 to Dec'24)

	Normal Weather	Abnormal Weather
Dwell Time (in hrs.)	73.8	78.3 (6%)
Volume % share	68%	32%

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)

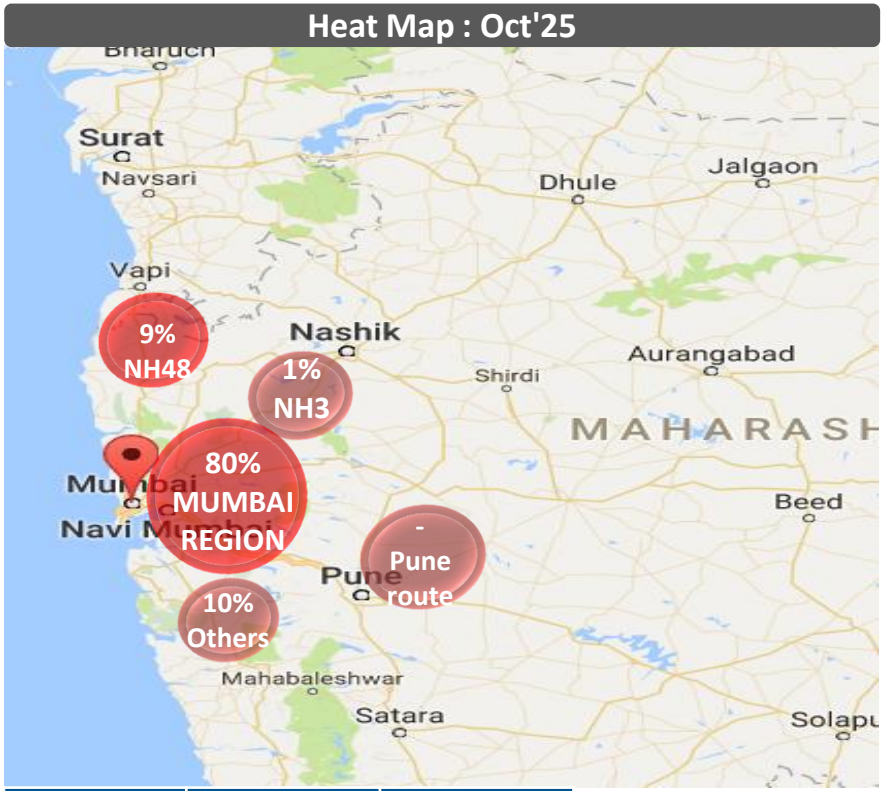
IMPORT CYCLE		
Terminal Name	**Normal Weather Oct'25 (in hrs)**	**Abnormal Weather Oct'25 (in hrs)**
Nhava Sheva Freeport Terminal (NSFT)	36.4	27.6
Nhava Sheva International Container Terminal (NSICT)	34.9	32.3
Gateway Terminals India (GTI)	28.2	21.1
Nhava Sheva India Gateway Terminal (NSIGT)	33.9	26.4
Bharat Mumbai Container Terminals(PSA)	23.7	20.5
Nhava Sheva Distribution Terminal (NSDT)	38.3	34.1

EXPORT CYCLE		
Terminal Name	**Normal Weather Oct'25 (in hrs)**	**Abnormal Weather Oct'25 (in hrs)**
Nhava Sheva Freeport Terminal (NSFT)	63.7	74.7
Nhava Sheva International Container Terminal (NSICT)	54.0	56.4
Gateway Terminals India (GTI)	67.7	70.8
Nhava Sheva India Gateway Terminal (NSIGT)	83.6	77.4
Bharat Mumbai Container Terminals(PSA)	67.7	76.6
Nhava Sheva Distribution Terminal (NSDT)	48.7	37.1

ANNEXURE

Container Movement Around JNPA Port Terminal Region Via Truck

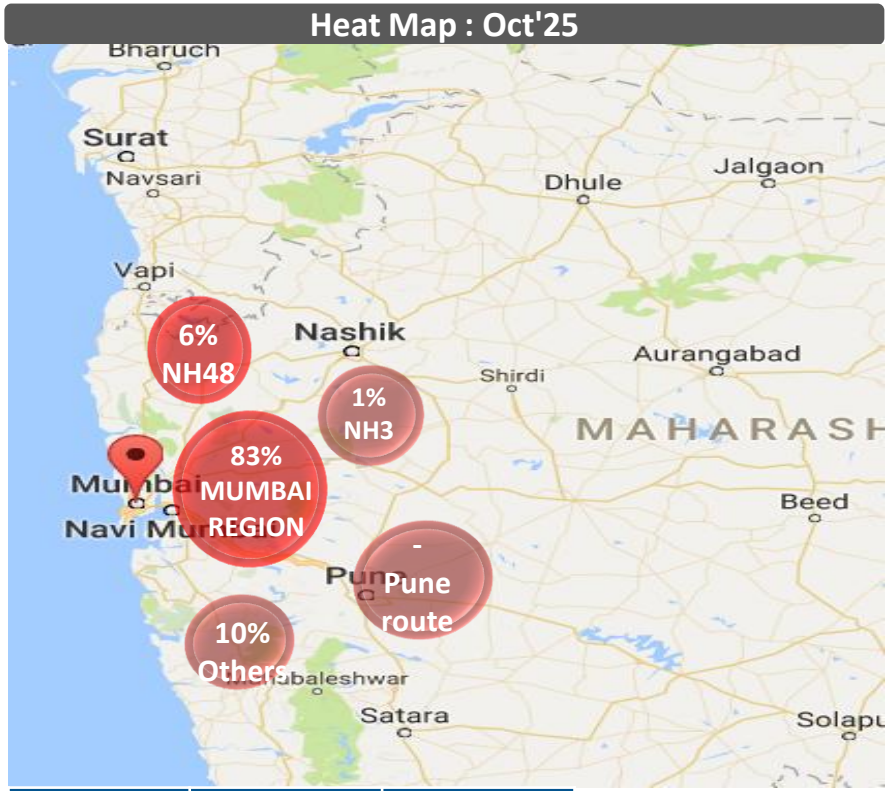
HEAT MAP : GTI Port Terminal



Region	Oct'25	Sep'25
Mumbai region	80%	80%
NH3	1%	2%
Pune	-	-
NH48	9%	9%
others	10%	9%

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

HEAT MAP : NSFT Port Terminal

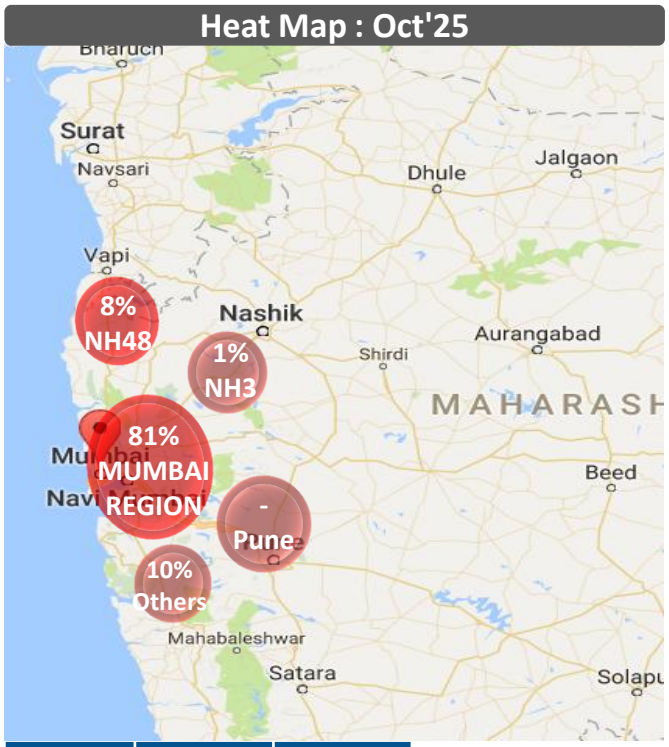


Region	Oct'25	Sep'25
Mumbai region	83%	80%
NH3	1%	1%
Pune	-	-
NH48	6%	9%
others	10%	10%

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

Container Movement Around JNPA Port Terminal Region Via Truck

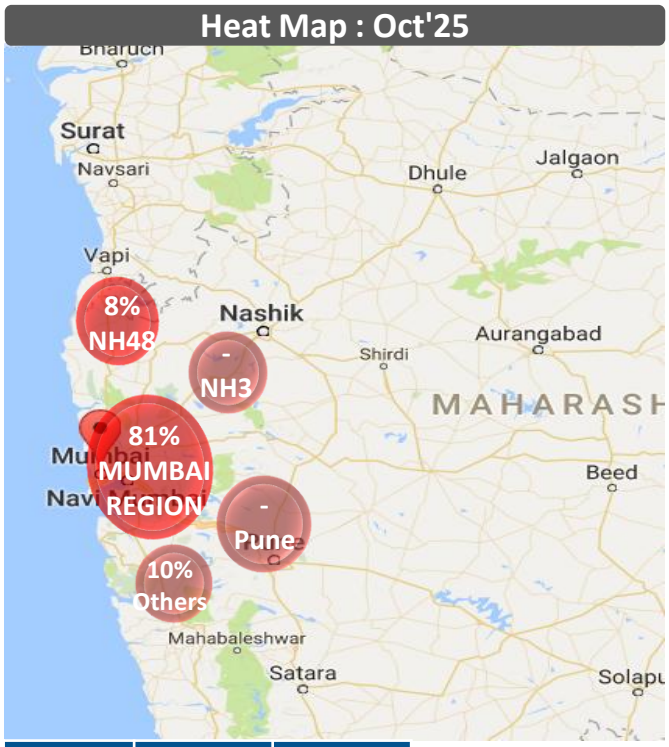
HEAT MAP : NSIGT Port Terminal



Region	Oct'25	Sep'25
Mumbai region	81%	80%
NH3	1%	1%
Pune	-	-
NH48	8%	9%
others	10%	10%

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

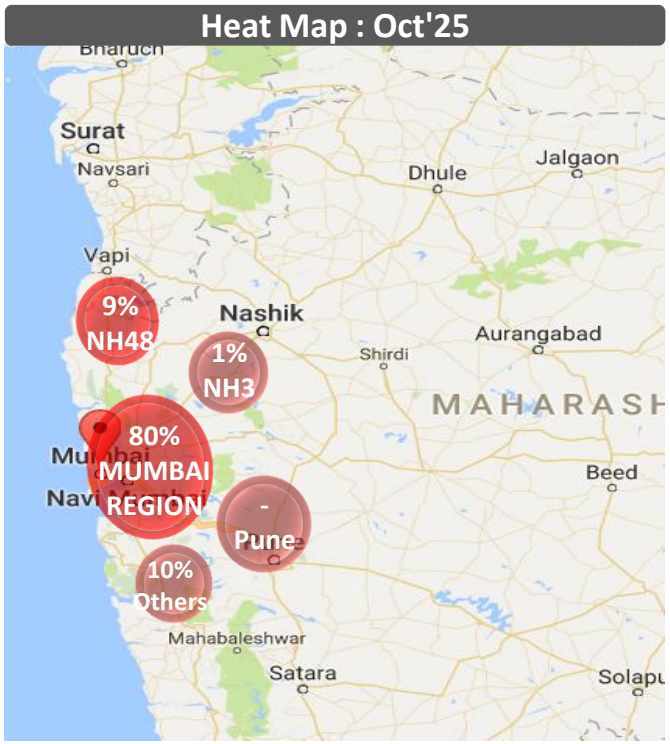
HEAT MAP : NSICT Port Terminal



Region	Oct'25	Sep'25
Mumbai region	81%	80%
NH3	1%	2%
Pune	-	-
NH48	8%	9%
others	10%	9%

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

HEAT MAP : BMCT Port Terminal



Region	Oct'25	Sep'25
Mumbai region	80%	80%
NH3	1%	1%
Pune	-	-
NH48	9%	9%
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) – Oct'25 (in hrs): Below table shows the delivery time in import cycle from the PORT terminals to CFSs

CFS	NSFT	GTI	NSICT	NSIGT	BMCT	NSDT
AllCargo Logistics CFS,Mumbai	3.3	3.8	3.6	5.0	3.4	7.2
Ameya Logistics CFS, Navi Mumbai	2.9	3.0	2.8	3.3	2.7	2.3
APM (Maersk India) CFS, Navi Mumbai	2.4	2.3	2.0	2.1	1.9	-
Apollo Logisolutions CFS, Panvel	4.2	6.8	5.1	5.8	4.5	-
Ashte Logistics CFS, Panvel	2.4	2.8	2.5	2.9	2.4	3.0
Balmer & Lawrie CFS, Navi Mumbai	2.5	2.6	2.8	3.5	2.3	2.2
Continental Warehousing CFS, Navi Mumbai	1.5	1.9	2.2	1.9	1.7	-
CWC Conex Terminal CFS	2.5	2.8	2.8	3.2	2.5	2.6
CWC Dronagiri CFS, Navi Mumbai	1.9	2.3	2.1	2.3	2.2	1.4
CWC Impex Park CFS, Navi Mumbai	2.0	3.0	2.7	3.5	2.6	-
CWC Polaris logistics park	2.2	2.5	2.5	2.5	2.1	1.7
EFC Logistics India	2.5	3.5	2.5	2.6	2.6	1.5
Gateway Distriparks CFS, Navi Mumbai	3.1	3.3	2.7	2.9	2.3	5.7
Hind terminal CFS, Panvel	2.6	4.0	2.1	3.2	2.0	-
International Cargo Terminal CFS	2.6	2.5	2.3	2.5	2.1	-
International Cargo Terminals (ULA) CFS, Navi Mumbai	2.5	2.3	2.0	2.0	2.0	1.4

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

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

CFS	NSFT	GTI	NSICT	NSIGT	BMCT	NSDT
JWC Logistics Park CFS	2.4	2.7	3.3	3.4	2.3	-
JWR CFS	6.1	3.7	8.1	3.0	4.5	-
Kerry Indev Logistics CFS,Mumbai	3.0	4.0	3.9	3.2	3.7	3.9
Maersk Annex (APM)CFS, Navi Mumbai	2.4	2.5	2.2	2.1	2.1	-
Maharashtra State Corp CFS	2.1	2.8	2.7	2.6	2.1	2.4
Navkar Corporation Yard 1 CFS, Panvel	3.2	3.3	4.1	3.5	3.0	-
Navkar Corporation Yard 2 CFS, Panvel	4.1	4.3	4.6	5.3	3.6	2.1
Navkar Corporation Yard 3 CFS, Panvel	2.8	3.7	4.2	3.8	3.6	2.6
Ocean Gate CFS, Panvel	2.9	3.5	3.0	3.5	2.7	6.1
Punjab Conware CFS, Navi Mumbai	1.7	2.3	2.5	2.2	1.9	-
Sarveshwar CFS	3.2	3.4	3.5	3.3	2.6	3.7
SBW Logistics CFS, Navi Mumbai	-	4.9	6.2	7.7	6.5	-
Seabird CFS, Navi Mumbai	4.3	4.9	4.1	3.4	3.5	4.3
Speedy Multimode CFS, JNPT	2.0	2.1	2.0	2.0	1.9	2.1
Transworld Terminals CFS,Mumbai	1.6	2.0	1.9	1.9	1.7	2.0
Vaishno Logistics CFS, Navi Mumbai	1.9	2.8	2.4	2.7	1.9	-

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

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

CFS	NSFT	GTI	NSICT	NSIGT	BMCT	NSDT
AllCargo Logistics CFS,Mumbai	4.7	5.9	2.6	3.1	5.0	-
Ameya Logistics CFS, Navi Mumbai	4.5	3.4	3.6	2.9	5.8	-
APM (Maersk India) CFS, Navi Mumbai	3.4	3.2	3.8	1.8	5.1	-
Apollo Logisolutions CFS, Panvel	6.1	2.8	3.9	4.0	6.2	-
Ashte Logistics CFS, Panvel	6.4	4.1	4.0	3.5	4.8	3.6
Balmer & Lawrie CFS, Navi Mumbai	5.5	3.5	2.1	2.7	5.3	-
Continental Warehousing CFS, Navi Mumbai	4.9	5.9	3.1	1.9	4.7	-
CWC Conex Terminal CFS	4.2	3.1	3.5	2.4	4.6	1.1
CWC Dronagiri CFS, Navi Mumbai	4.2	4.0	3.3	2.9	4.3	3.4
CWC Impex Park CFS, Navi Mumbai	5.6	-	5.3	4.5	4.5	1.4
CWC Polaris logistics park	4.6	3.4	4.5	2.6	5.3	-
EFC Logistics India	4.2	3.4	2.3	2.3	4.6	-
Gateway Distriparks CFS, Navi Mumbai	5.3	3.3	5.7	3.0	5.1	-
Hind terminal CFS, Panvel	5.4	7.5	8.1	-	7.9	-
International Cargo Terminal CFS	4.5	3.2	5.9	2.8	6.9	-
International Cargo Terminals (ULA) CFS, Navi Mumbai	5.0	4.8	3.6	2.3	5.8	-

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

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

CFS	NSFT	GTI	NSICT	NSIGT	BMCT	NSDT
JWC Logistics Park CFS	5.8	4.5	5.8	2.9	7.1	-
JWR CFS	5.2	3.9	3.4	2.9	5.4	-
Kerry Indev Logistics CFS,Mumbai	4.5	4.3	5.0	-	4.4	-
Maersk Annex (APM)CFS, Navi Mumbai	7.1	5.6	5.8	-	9.8	-
Maharashtra State Corp CFS	4.5	2.0	3.1	3.2	3.6	-
Navkar Corporation Yard 1 CFS, Panvel	-	-	-	-	-	-
Navkar Corporation Yard 2 CFS, Panvel	5.6	6.3	8.5	3.6	6.9	-
Navkar Corporation Yard 3 CFS, Panvel	5.8	4.7	4.0	4.1	5.7	7.4
Ocean Gate CFS, Panvel	4.9	3.6	3.2	2.5	5.7	-
Punjab Conware CFS, Navi Mumbai	3.8	3.3	3.0	2.6	5.5	-
Sarveshwar CFS	6.3	4.2	5.6	4.2	6.0	-
SBW Logistics CFS, Navi Mumbai	-	4.9	9.3	4.2	7.0	-
Seabird CFS, Navi Mumbai	4.6	2.9	3.5	3.1	4.9	-
Speedy Multimode CFS, JNPT	4.8	2.8	5.5	2.1	4.8	1.2
Transworld Terminals CFS,Mumbai	3.1	3.2	2.9	2.5	4.1	-
Vaishno Logistics CFS, Navi Mumbai	4.6	3.5	4.8	4.3	6.4	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 GTI, NSFT and NSDT terminals

CFS Cluster : GTI Terminal

GTI terminal for month of Oct'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	2.3	3.2
Cluster 2	6	13	2.7	3.7
Cluster 3	6	11	3.2	2.9
Cluster 4	1	13	2.8	3.5
Cluster 5	2	25	3.1	3.9
Cluster 6	6	25	3.5	5.3
Cluster 7	4	12	3.1	3.4
Cluster 8	1	34	4.9	4.9

CFS Cluster : NSFT Terminal

NSFT terminal for month of Oct'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	2.1	4.7
Cluster 2	6	13	2.5	5.1
Cluster 3	6	11	2.3	4.4
Cluster 4	1	13	1.9	5.0
Cluster 5	2	25	2.8	5.2
Cluster 6	6	25	2.9	6.1
Cluster 7	4	12	2.9	4.5
Cluster 8	1	34	12.1	10.7

CFS Cluster : NSDT Terminal

NSDT terminal for month of Oct'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	2.2	1.2
Cluster 2	6	13	1.7	-
Cluster 3	6	11	2.5	-
Cluster 4	1	13	-	4.0
Cluster 5	2	25	6.1	-
Cluster 6	6	25	2.8	5.5
Cluster 7	4	12	2.3	-
Cluster 8	1	34	-	-

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 Oct'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	5.4
Cluster 2	6	13	2.3	4.4
Cluster 3	6	11	3.2	3.5
Cluster 4	1	13	2.4	4.9
Cluster 5	2	25	3.1	3.9
Cluster 6	6	25	3.7	4.6
Cluster 7	4	12	2.8	3.7
Cluster 8	1	34	6.2	9.3

CFS Cluster : NSIGT Terminal

NSIGT terminal for month of Oct'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	2.1	2.2
Cluster 2	6	13	2.5	2.8
Cluster 3	6	11	2.6	2.9
Cluster 4	1	13	2.7	4.3
Cluster 5	2	25	3.4	2.8
Cluster 6	6	25	3.9	3.8
Cluster 7	4	12	3.3	2.9
Cluster 8	1	34	7.6	4.2

CFS Cluster : BMCT Terminal

BMCT terminal for month of Oct'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	1.9	4.8
Cluster 2	6	13	2.2	5.5
Cluster 3	6	11	2.6	5.0
Cluster 4	1	13	1.9	6.4
Cluster 5	2	25	2.6	6.4
Cluster 6	6	25	3.2	6.0
Cluster 7	4	12	2.8	5.8
Cluster 8	1	34	6.5	7.0

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 Oct'25

City	BMCT	GTI	NSFT	NSIGT	NSICT	Overall
Ankaleshwar	43.4	55.4	63.7	82.3	-	48.9
Dadri	49.7	-	60.9	75.0	31.5	54.2
Daulatabad	82.4	54.3	52.6	38.6	18.6	50.8
Guhati	77.1	96.5	93.5	-	79.7	96.4
Indore	25.8	-	50.6	59.8	17.2	38.7
Kanpur	70.5	66.1	51.0	66.8	48.7	53.6
Khatuwas	26.2	-	-	-	-	26.2
Khodiyar	68.4	36.4	43.9	51.8	62.2	38.4
Ludhiana	19.8	60.6	19.2	55.5	19.9	53.6
Malanpur	86.4	69.5	47.3	30.1	24.9	67.6
Moradabad	40.8	17.1	-	51.4	54.1	33.5
Nagpur	43.1	-	52.3	-	42.2	46.9
Navi Mumbai	31.6	24.7	33.2	31.0	-	29.6
Patparganj	46.1	57.4	64.3	-	-	49.8
Sanatnagar	48.3	-	72.3	60.4	-	52.8
Tughlakabad	49.2	-	64.6	62.3	44.5	55.7

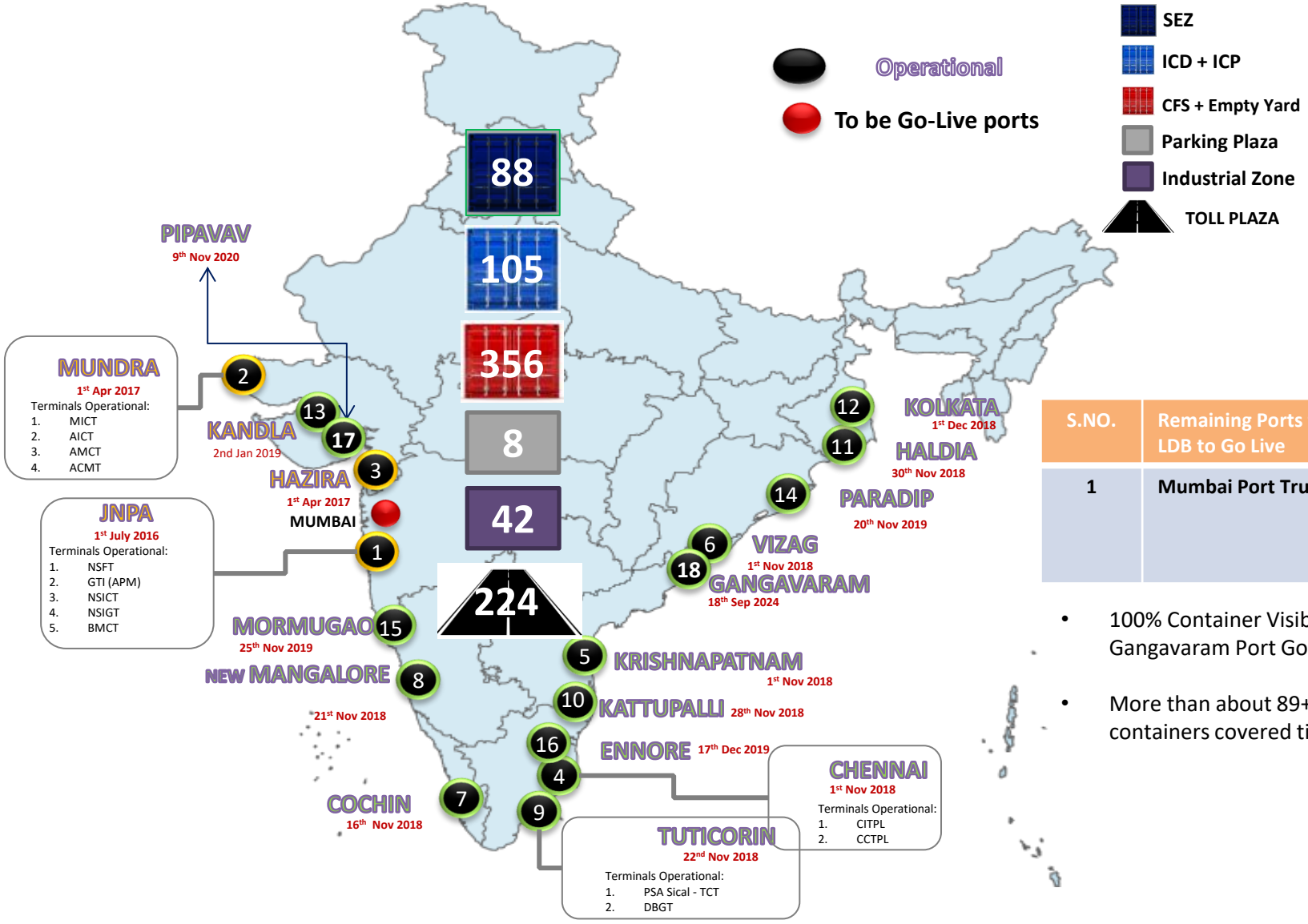
JNPA Region: Destination-wise Dwell Time- Import

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 Oct'25

CFS	BMCT	GTI	NSFT	NSIGT	NSICT	Overall
AllCargo Logistics	16.3	-	-	15.1	34.3	17.5
Ameya Logistics CFS, Navi Mumbai	31.0	-	26.5	41.0	62.5	35.3
APM (Maersk India) CFS, Navi Mumbai	21.9	18.9	19.5	24.9	79.8	24.8
Apollo Logisolutions CFS, Panvel	13.1	16.9	18.1	20.4	20.1	16.2
Ashte Logistics CFS, Panvel	14.0	15.4	-	22.0	18.5	15.7
Balmer & Lawrie CFS, Navi Mumbai	22.7	25.4	21.9	41.2	34.9	25.6
Continental Warehousing CFS, Navi Mumbai	16.5	31.7	41.9	25.3	-	25.2
CWC Impex Park	14.4	18.7	18.9	23.6	26.1	18.7
Dronagiri Rail Terminal CFS, Navi Mumbai	14.0	13.7	19.5	18.8	-	15.8
EFC Logistics	16.1	18.7	20.8	24.3	34.0	20.1
Gateway Distriparks CFS, Navi Mumbai	18.5	20.5	19.7	23.9	32.2	21.0
International Cargo Terminals (ULA) CFS, Navi Mumbai	-	-	-	32.7	30.4	31.0
JWC Logistics Park CFS	13.0	14.5	16.3	16.7	18.8	14.7
Kerry Indev Logistics Pvt Ltd CFS	-	-	14.2	28.7	13.6	18.6
Maharashtra State Corp CFS	27.5	29.9	35.7	28.1	43.2	29.8
Navkar Corporation	14.1	18.8	18.8	28.3	26.7	18.6
Ocean Gate CFS, Panvel	17.4	17.6	26.6	18.9	24.5	19.1
Sarveshwar Logistics	14.9	18.8	-	24.4	20.4	17.8
SBW Logistics CFS, Navi Mumbai	39.8	-	65.5	71.7	-	44.1
Seabird CFS, Navi Mumbai	21.2	-	21.7	30.2	45.8	26.3
Speedy Multimode CFS, JNPT	24.9	-	-	29.6	49.2	29.9
Take Care Logistics	18.5	-	-	-	36.6	20.9
TG Terminals	25.1	-	29.5	40.9	27.4	28.6
Vaishno Logistics CFS, Navi Mumbai	34.0	36.6	35.6	80.9	44.8	37.5

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 89+ million EXIM containers covered till date.(2025.11.12)

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	20	Landmark CFS, Mundra
2	Adani CFS Eximyard, Mundra	21	JWC Logistics Park CFS
3	CWC Conex Terminal CFS	22	Sarveshwar CFS
4	JWR CFS	23	APM (Maersk India) CFS, Navi Mumbai
5	Ameya Logistics CFS, Navi Mumbai	24	CWC CFS, Mundra
6	Punjab Conware CFS, Navi Mumbai	25	CWC Impex Park CFS, Navi Mumbai
7	Gateway Distriparks CFS, Navi Mumbai	26	Transworld Terminals CFS, Mumbai
8	Speedy Multimode CFS, JNPT	27	Navkar Corporation Yard 2 CFS, Panvel
9	International Cargo Terminals (ULA) CFS, Navi Mumbai	28	Rishi CFS, Mundra
10	AllCargo Logistics CFS, Mumbai	29	Maersk Annex (APM)CFS, Navi Mumbai
11	CWC Dronagiri CFS, Navi Mumbai	30	Vaishno Logistics CFS, Navi Mumbai
12	Continental Warehousing CFS, Navi Mumbai	31	Maharashtra State Corp CFS
13	EFC Logistics India	32	Balmer & Lawrie CFS, Navi Mumbai
14	International Cargo Terminal CFS	33	Ashutosh CFS, Mundra
15	Seabird CFS, Mundra	34	Adani CFS, Hazira
16	Navkar Corporation Yard 3 CFS, Panvel	35	TG Terminals CFS, Mundra
17	Seabird CFS, Navi Mumbai	36	Navkar Corporation Yard 1 CFS, Panvel
18	Ocean Gate CFS, Panvel	37	Kerry Indev Logistics CFS, Mumbai
19	Ashte Logistics CFS, Panvel		

Annexure: Congestion Analysis & Methodology

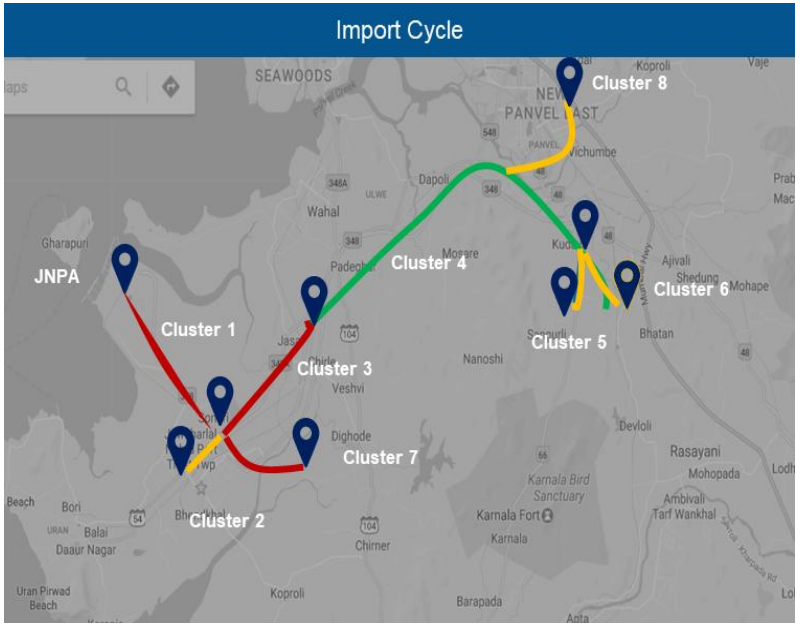
Methodology

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 Level — High — Medium — Low


THANK YOU