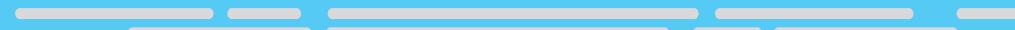




# Logistics Data Bank (LDB) Analytics Report - JNPA

November 2025



## 1. Overall Analysis

- Executive Summary
- Port Dwell Time Performance & Benchmarking
- Container Count (No. of boxes) & Container Volume (TEUs)
- JNPA Port Performance
- CFS/ICD Performance Benchmarking

## 2. Import Cycle Analysis

- Dwell Time Performance
- Congestion Analysis
- Container Movement Heat Map via Train and Truck
- Toll Plaza Analysis

## 3. Export Cycle Analysis

- Dwell Time Performance
- Congestion Analysis
- Container Movement Heat Map via Train

## 4. CFS and ICD Performance

## 5. Trend Analysis

## 6. Weather Analysis

## 7. Annexure

# Overall Analysis

## Terminal wise Dwell Time Performance – Snapshot

Import Cycle			Export Cycle		
Port Terminals	Nov'25 (in hrs)	Oct'25 (in hrs)	Port Terminals	Nov'25 (in hrs)	Oct'25 (in hrs)
NSFT	31.9	29.7	NSFT	68.1	71.7
NSICT	34.9	33.1	NSICT	59.6	55.6
GTI	25.7	23.2	GTI	72.1	69.6
NSIGT	32.4	28.8	NSIGT	67.6	79.3
BMCT	24.7	21.4	BMCT	72.9	72.4
NSDT	34.4	35.0	NSDT	34.1	41.7

## Critical Incident Summary Jawaharlal Nehru Port Authority

- Overall container handling performance (Port Dwell Time) has declined in import cycle and has improved in export cycle. CFS dwell Time performance has declined in import cycle and has improved in export cycle. ICD dwell performance has declined in import cycle and has improved 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
Nov'25	28.3 hrs	68.8 hrs	98.7 hrs	58.0 hrs	172.2 hrs	112.2 hrs
Oct'25	25.3 hrs <sup>11.9%</sup>	70.1 hrs <sup>1.9%</sup>	98.3 hrs <sup>0.4%</sup>	58.2 hrs <sup>0.3%</sup>	156.4 hrs <sup>10.1%</sup>	113.5 hrs <sup>1.1%</sup>



Indicates decrease/increase in dwell time from last month

# Container Transportation Performance: Western Corridor

## Container Lifecycle (Import Cycle)

### Port Dwell Time

IMPORT	Nov'25	Oct'25
	(in hrs)	(in hrs)
Truck	25.7 	24.5
Train	80.0 	60.7
Overall	30.8 	28.7

### CFS/ ICD Dwell Time

	Nov'25	Oct'25
	(in hrs)	(in hrs)
CFS	103.2 	102.4
ICD	172.2 	156.4

EXPORT	Nov'25	Oct'25
	(in hrs)	(in hrs)
Truck	76.7 	79.6
Train	106.2 	98.8
Overall	80.3 	82.2

	Nov'25	Oct'25
	(in hrs)	(in hrs)
CFS	57.6 	58.9
ICD	112.2 	113.5

### Port Dwell Time

### CFS/ ICD Dwell Time

## Container Lifecycle (Export Cycle)



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:



**X-Axis:** Dwell Time

**Threshold value (in hours):** 60.3

**Star Performer** ★★★

Entities with high container count and low dwell time

**High Potential** ★★

Entities with low container count and low dwell time

**Y-Axis:** No. of Boxes

**Threshold value (no. of boxes):** 53,241

**Slow Bulk Movers** ★★

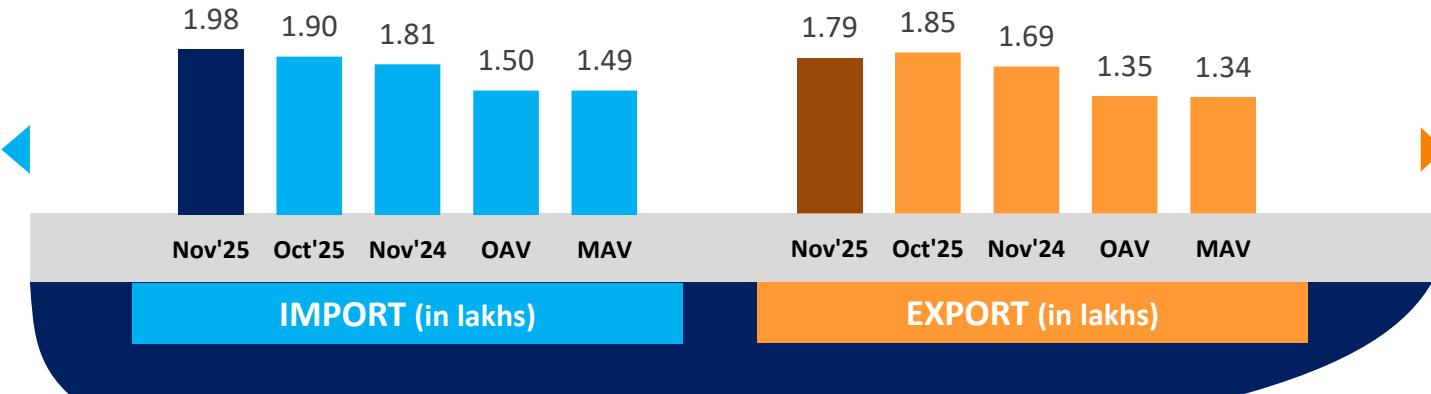
Entities with high container count and high dwell time

**Needs Improvement** ★

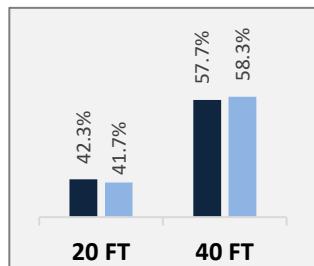
Entities with low container count and high dwell time

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

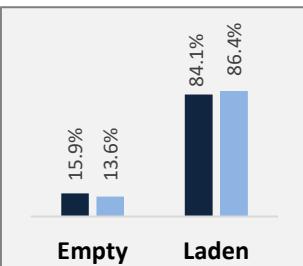
## Jawaharlal Nehru Port Authority



Container Size-wise (Import)



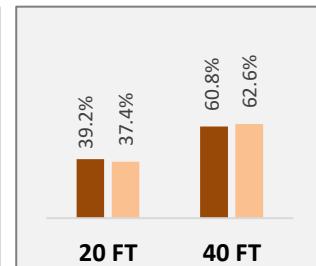
Container Type-wise (Import)



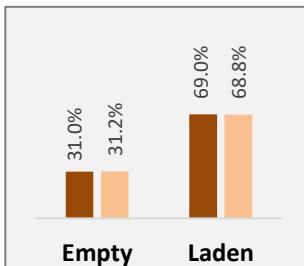
Container Count - Annual Average  
(in lakhs/ month)



Container Size-wise (Export)



Container Type-wise (Export)

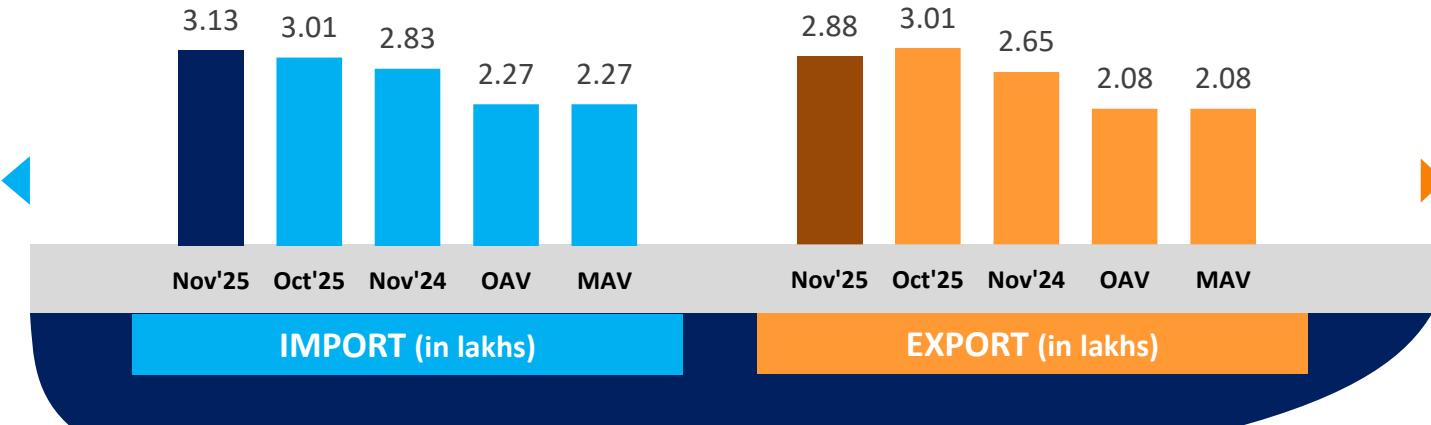


OAV – Overall Avg Volume  
MAV – Monthly Avg Volume

Note: All above figures are in no. of boxes

# Container Volume (TEUs): JNPA Port Terminals

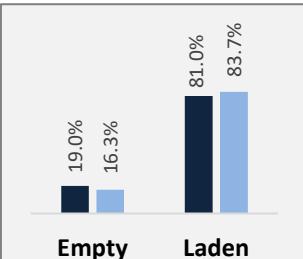
## Jawaharlal Nehru Port Authority



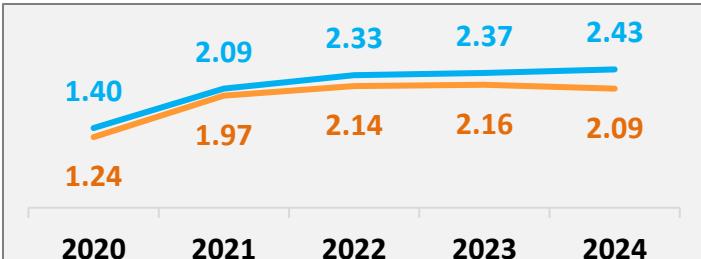
Container Size-wise (Import)



Container Type-wise (Import)



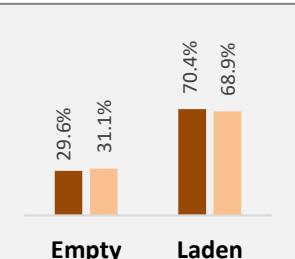
Container Volume (TEUs) - Annual Average  
(in lakhs/ month)



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	
Nov'25 (in hrs)	Oct'25 (in hrs)
Truck	24.9
Train	77.3
Overall	28.3

Transit Time	
Nov'25 (in hrs)	Oct'25 (in hrs)
Port to CFS	2.9
Port to ICD	114.1

CFS/ ICD Dwell Time	
Nov'25 (in hrs)	Oct'25 (in hrs)
CFS	98.7
ICD	172.2

Volume distribution at port terminal – Truck/Train

	Truck	Train
Import	84%	16%
Export	84%	16%

EXPORT	
Nov'25 (in hrs)	Oct'25 (in hrs)
Truck	67.0
Train	86.4
Overall	68.8

CFS to Port	
Nov'25 (in hrs)	Oct'25 (in hrs)
CFS to Port	4.1
ICD to Port	81.7

CFS	
Nov'25 (in hrs)	Oct'25 (in hrs)
CFS	58.0
ICD	112.2

## Container Lifecycle (Export Cycle)



Indicates decrease/increase in time from last month

# Container Transportation: JNPA Port Terminals

		Particulars	Nov'25 (in hrs)	Oct'25 (in hrs)
Import Cycle	Dwell Time	Overall Dwell Time	28.3	25.3
		Truck Bound Containers	24.9	23.2
		Train Bound Containers	77.3	45.6
		Direct Port Delivery (DPD) containers	27.2	25.7
		Containers bound for CFS	24.1	22.4
		Empty Containers	39.7	32.1
		Laden Containers	26.4	24.2
	Transit Time	Port to ICD	114.1	111.0
		Port to CFS	2.9	2.7
		Particulars	Nov'25 (in hrs)	Oct'25 (in hrs)
Export Cycle	Dwell Time	Overall Dwell Time	68.8	70.1
		Truck Bound Containers	67.0	68.4
		Train Bound Containers	86.4	84.0
		Direct Port Entry (DPE) containers	66.8	70.4
		Containers bound from CFS	65.8	66.3
		Empty Containers	70.9	69.2
		Laden Containers	67.8	70.5
	Transit Time	ICD to Port	81.7	91.1
		CFS to Port	4.1	4.3

# 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	Nov'25 (in hrs)	Oct'25 (in hrs)
Gate in - Gate Out	5.0	5.2

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



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

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



## CFS: Western Corridor

## Performance Benchmarking

## ICD: PAN India

### Top Performing CFS

#### JWR CFS

#### High Potential CFS

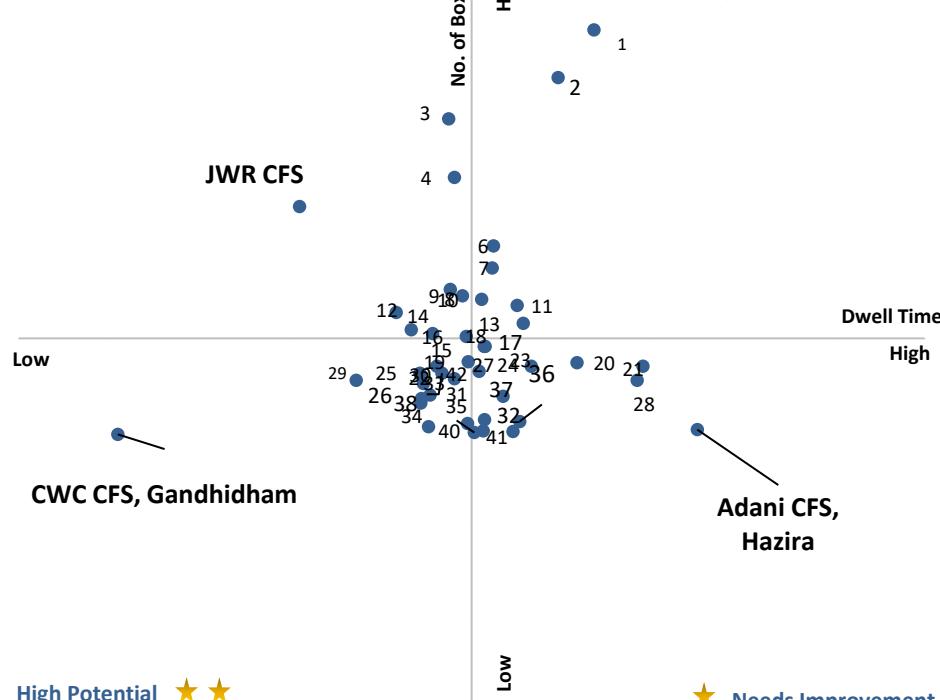
CWC CFS, Gandhidham

#### Low Performing CFS

Adani CFS, Hazira

#### Performance Index – Nov'25

Star Performer ★★★



X-Axis: Dwell Time

Y-Axis: No. of Boxes

### Top Performing ICD

#### Dronagiri Rail Terminal CFS, Navi Mumbai

#### High Potential ICD

ICD MAJHERHAT

#### Low Performing ICD

ICD MALANPUR

#### Performance Index – Nov'25

Star Performer ★★★

Dronagiri Rail Terminal CFS, Navi Mumbai

ICD MAJHERHAT

ICD MALANPUR

High Potential ★★

★ Needs Improvement

X-Axis: Dwell Time

Y-Axis: No. of Boxes

# Import Cycle Analysis

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	Nov'25 (in hrs)	Oct'25 (in hrs)
NSFT	84.6	52.4
NSICT	46.3	42.2
GTI	72.2	40.4
NSIGT	69.0	58.5
BMCT	97.0	44.9
NSDT	-	-

Container Handled: Hour-wise (Nov'25 )

Port Terminals	Within 0-24 hrs	24-48 hrs	48-72 hrs	72-96 hrs	96-144 hrs	More than 144 hrs
NSFT	9%	22%	12%	13%	18%	26%
NSICT	32%	19%	14%	11%	12%	12%
GTI	18%	18%	14%	13%	22%	15%
NSIGT	13%	18%	20%	20%	13%	16%
BMCT	15%	13%	10%	11%	30%	21%
NSDT	-	-	-	-	-	-

## 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	Nov'25 (in hrs)	Oct'25 (in hrs)
NSFT	27.8	26.4
NSICT	34.3	32.5
GTI	22.4	21.4
NSIGT	30.0	26.3
BMCT	20.7	19.4
NSDT	34.4	34.8

Container Handled: Hour-wise (Nov'25 )

Port Terminals	Within 0-24 hrs	24-48 hrs	48-72 hrs	72-96 hrs	96-144 hrs	More than 144 hrs
NSFT	43%	32%	15%	6%	3%	1%
NSICT	36%	28%	16%	8%	6%	6%
GTI	53%	27%	11%	4%	3%	2%
NSIGT	39%	34%	15%	6%	5%	1%
BMCT	57%	24%	10%	4%	3%	2%
NSDT	24%	54%	17%	2%	2%	1%

# JNPA Port Terminal: Dwell Time Performance (Import Cycle)

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

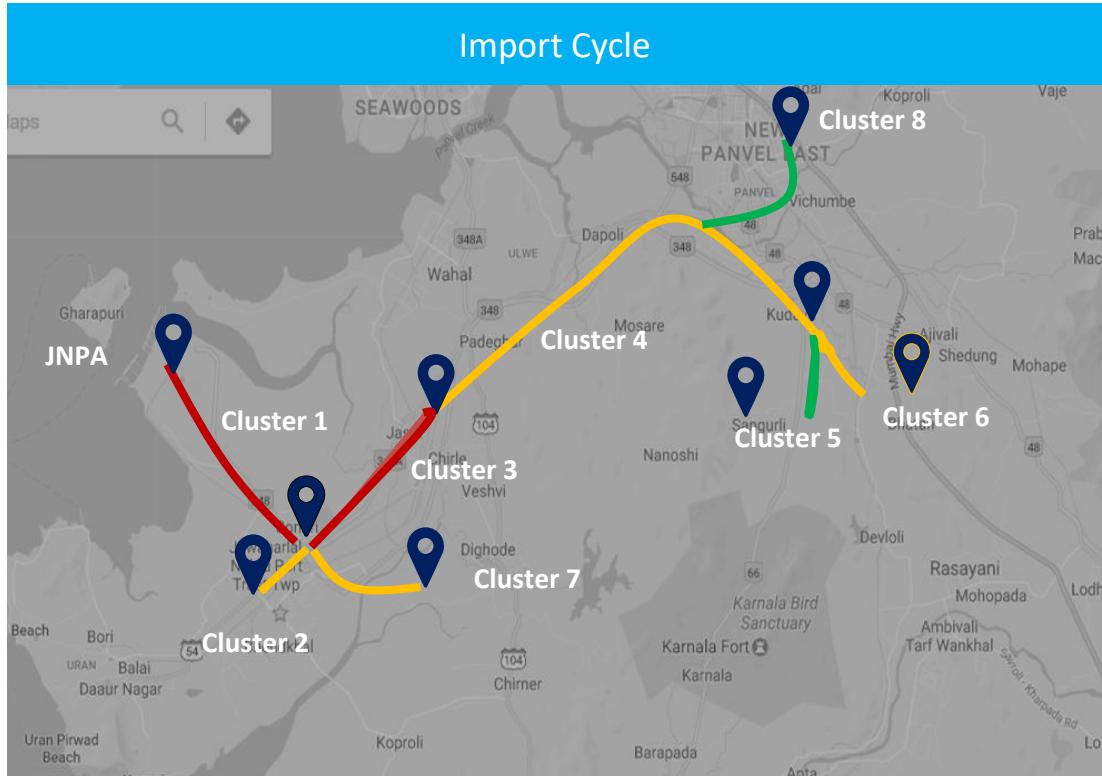
## Port Dwell Time (in Hours) - Based on Transit Type

Port Terminals	Direct Port Delivery (DPD) Containers-Truck	Containers bound for CFS	Empty Containers	Laden Containers
NSFT	35.8	27.4	40.9	29.5
NSICT	64.5	36.7	44.3	33.1
GTI	69.1	21.4	45.8	23.8
NSIGT	63.4	29.7	47.8	28.8
BMCT	19.9	19.3	27.2	24.2
NSDT	-	37.1	-	34.4

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 Nov'25



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	JNPA Area	1	9.67%	High
Cluster 2	Bhendkhal Area, Khopate Road	6	33.85%	Medium
Cluster 3	Sonari Area, JNPA Road	2	13.31%	High
Cluster 4	Chirle Area, JNPA Road	1	1.92%	Medium
Cluster 5	Plaspa Area, Coach Kanyakumari Highway	2	10.52%	Low
Cluster 6	Salva Apta Road Area, Bangalore Highway	5	17.08%	Medium
Cluster 7	Patilpada Area, Khopate JNPA Road	3	13.36%	Medium
Cluster 8	Taloja, Navi Mumbai	1	0.29%	Low

Congestion Level    ■ High    ■ Medium    ■ Low

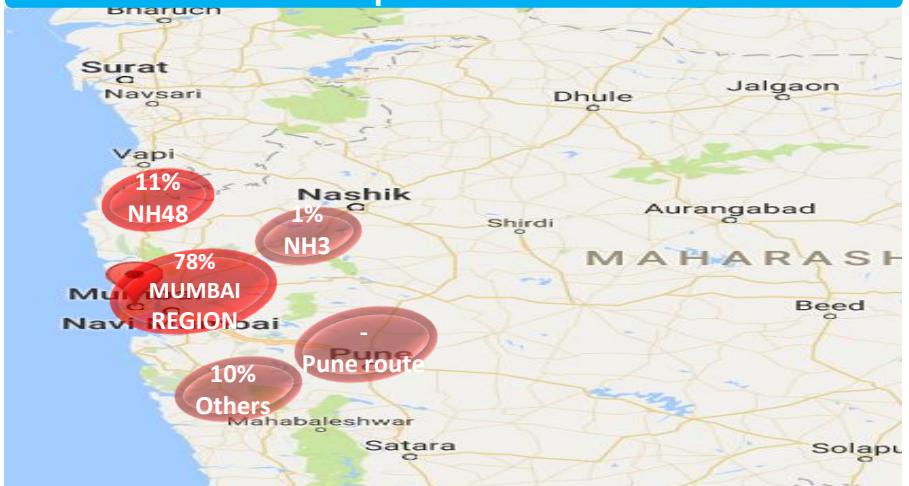
## Truck

### HEAT MAP : OVERALL MUMBAI REGION

Region	Nov'25
Mumbai region	78%
NH3	1%
Pune	-
NH48	11%
Others	10%

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

### Heat Map via Truck: Nov'25



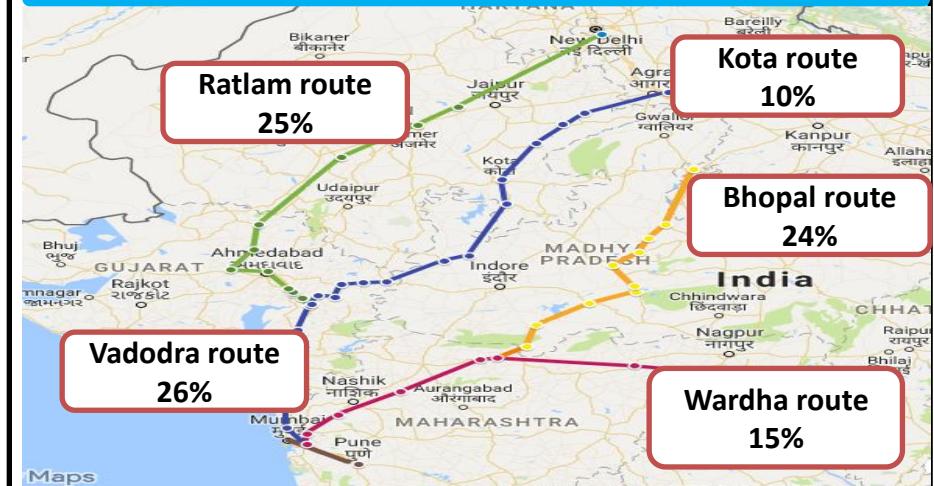
## Train

### VOLUME WISE CONTAINER MOVEMENT

Region	Nov'25
Vadodra Route	26%
Ratlam Route	25%
Wardha Route	15%
Kota Route	10%
Bhopal Route	24%

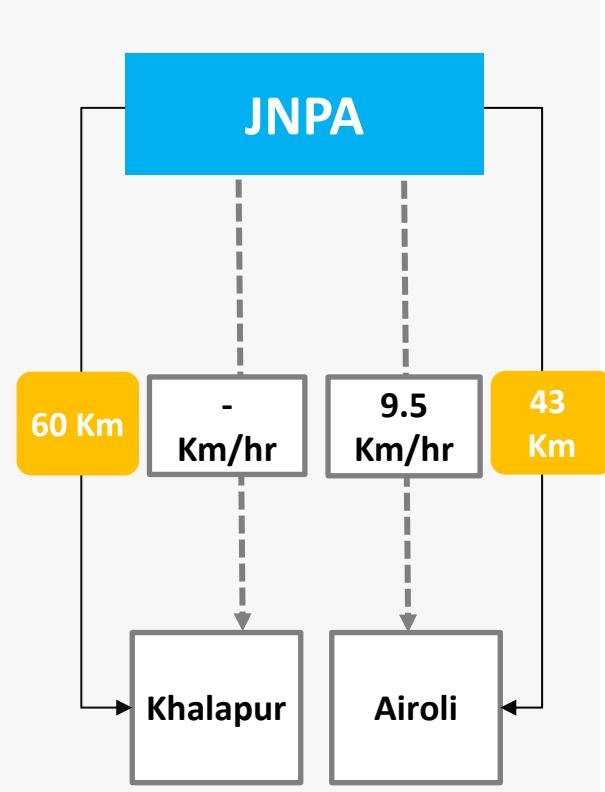
The map depicts the volume wise container movement through different railway routes in import cycle

### Container movement via Train: Nov'25



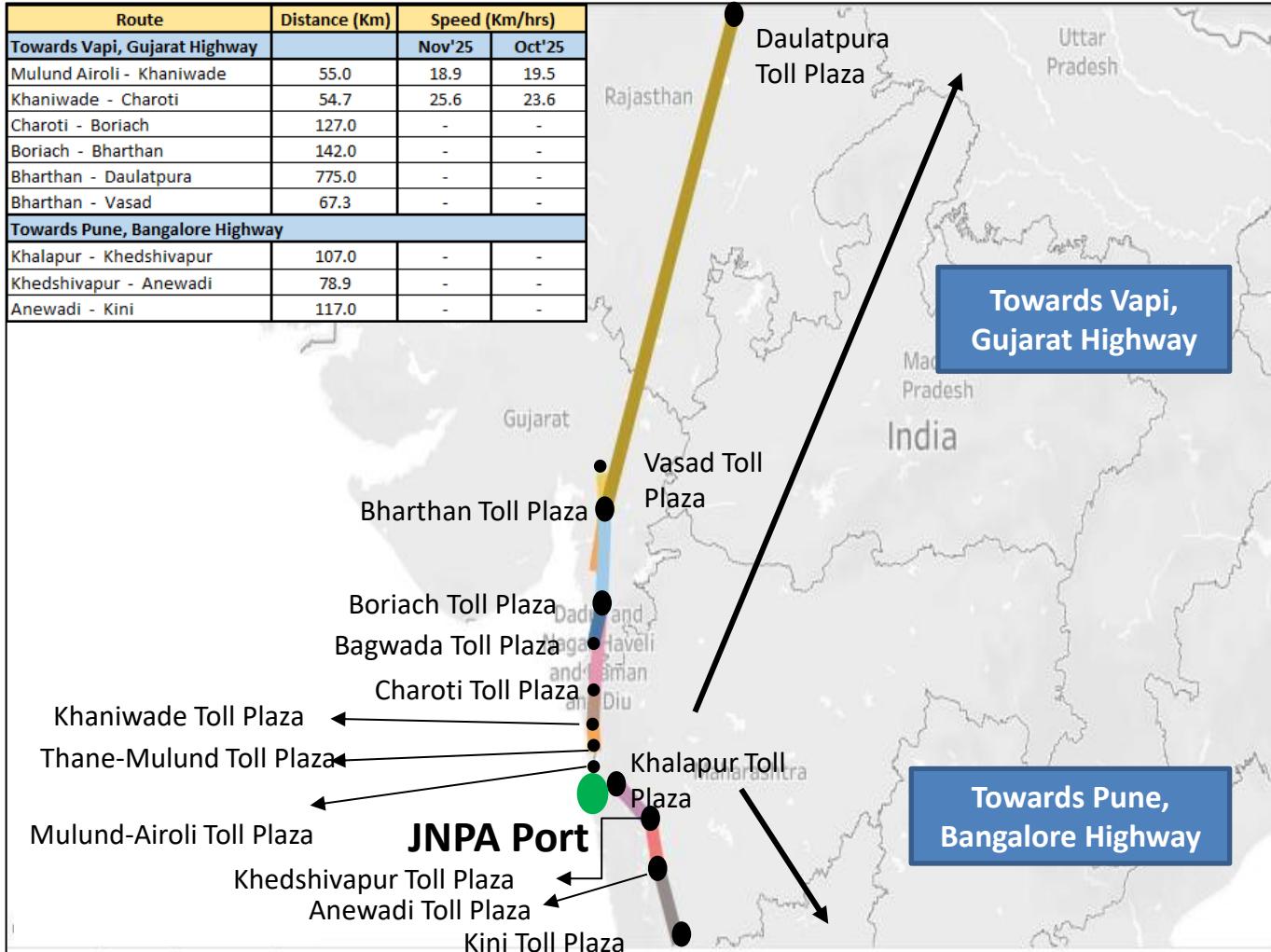
# Western Corridor Toll Plaza Analysis

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



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

Route	Distance (Km)	Speed (Km/hr)	Speed (Km/hr)
		Nov'25	Oct'25
Towards Vapi, Gujarat Highway			
Mulund Airoli - Khaniwade	55.0	18.9	19.5
Khaniwade - Charoti	54.7	25.6	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

(16% 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	Nov'25 (in hrs)	Oct'25 (in hrs)
NSFT	111.5	103.7
NSICT	20.2	13.4
GTI	97.2	96.1
NSIGT	85.2	97.1
BMCT	113.7	111.9
NSDT	-	-

Container Handled: Hour-wise (Nov'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%	6%	13%	11%	22%	35%
NSICT	52%	8%	7%	8%	14%	11%
GTI	3%	10%	16%	21%	24%	26%
NSIGT	2%	17%	20%	19%	25%	17%
BMCT	2%	9%	15%	14%	22%	38%
NSDT	-	-	-	-	-	-

## PORT EXPORT via TRUCK

(84% 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	Nov'25 (in hrs)	Oct'25 (in hrs)
NSFT	64.9	69.2
NSICT	63.7	62.8
GTI	68.8	66.8
NSIGT	65.9	77.2
BMCT	69.4	69.0
NSDT	34.1	41.7

Container Handled: Hour-wise (Nov'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%	22%	25%	23%	16%	4%
NSICT	10%	23%	27%	24%	14%	2%
GTI	4%	21%	28%	24%	22%	1%
NSIGT	6%	22%	28%	23%	19%	2%
BMCT	6%	21%	25%	23%	19%	6%
NSDT	23%	53%	17%	5%	1%	1%

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

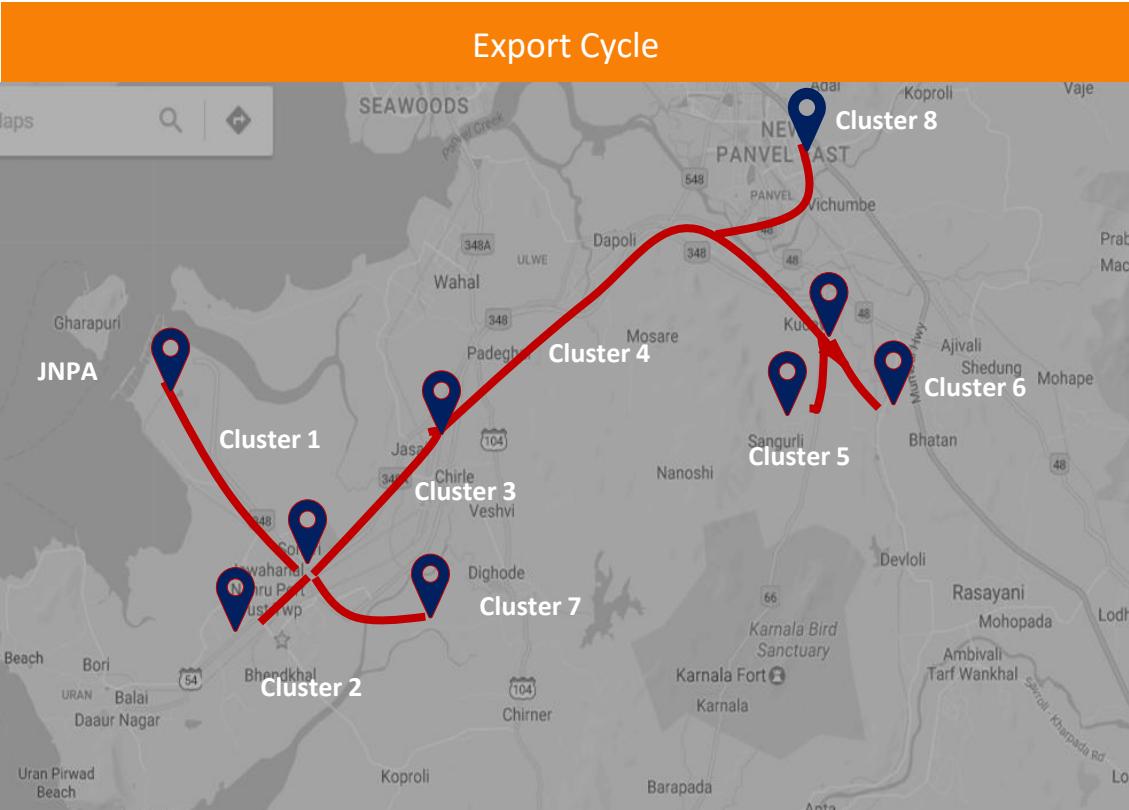
## Port Dwell Time (in Hours) - Based on Transit Type

Port Terminals	Direct Port Entry (DPE) Containers-Truck	Containers bound from CFS	Empty Containers	Laden Containers
NSFT	66.2	66.8	73.5	67.0
NSICT	45.3	61.6	62.4	59.0
GTI	39.7	66.9	69.5	73.4
NSIGT	45.2	65.5	73.4	64.0
BMCT	43.4	68.5	73.6	72.2
NSDT	34.2	40.5	-	34.1

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 Nov'25



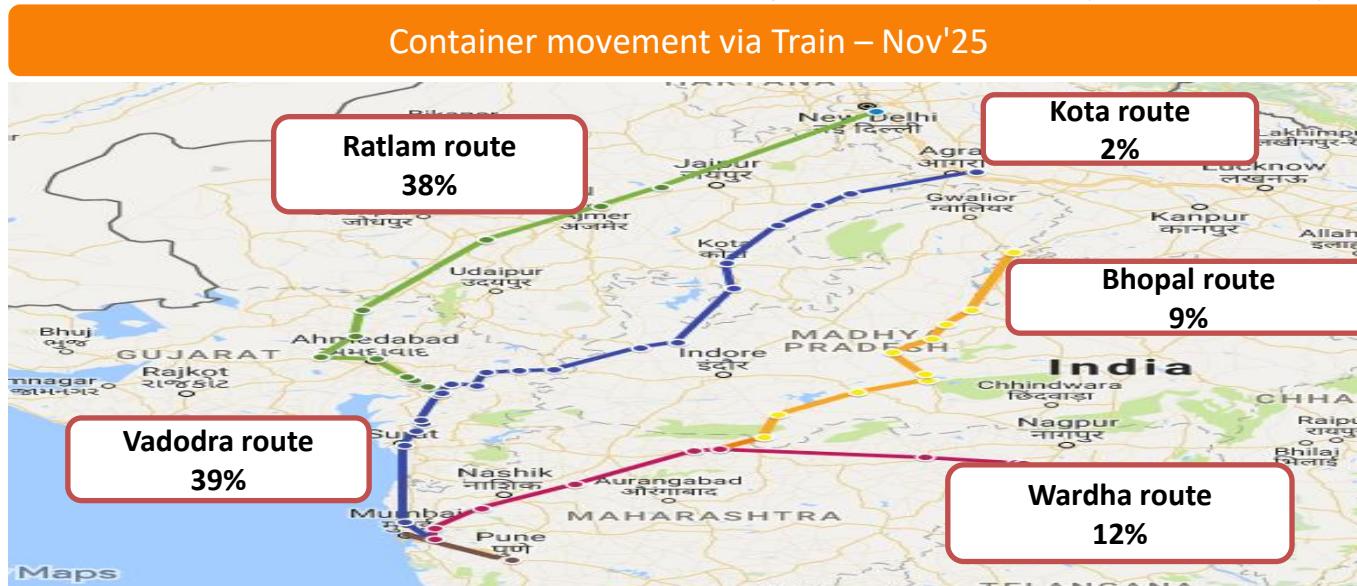
Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	JNPA Area	1	5.20%	High
Cluster 2	Bhendkhali Area, Khopate Road	6	19.63%	High
Cluster 3	Sonari Area, JNPA Road	2	15.87%	High
Cluster 4	Chirle Area, JNPA Road	1	6.24%	High
Cluster 5	Plaspa Area, Coach Kanyakumari Highway	2	21.65%	High
Cluster 6	Salva Apta Road Area, Bangalore Highway	5	19.98%	High
Cluster 7	Patilpada Area, Khopate JNPA Road	3	11.34%	High
Cluster 8	Taloja, Navi Mumbai	1	0.09%	High

Congestion Level    ■ High    ■ Medium    ■ Low

## JNPA Port

Route	Percentage of Container Movement
Vadodra Route	39%
Ratlam Route	38%
Wardha Route	12%
Kota Route	2%
Bhopal Route	9%

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



# **CFS and ICD Performance**

## JNPA region CFS : CFS DWELL TIME ANALYSIS

Below tables show the dwell time of the respective CFSs for Nov'25 and Oct'25

CFS Dwell Time (in hrs.)					
CFS	Nov'25 (in hrs)	Oct'25 (in hrs)	CFS	Nov'25 (in hrs)	Oct'25 (in hrs)
AllCargo Logistics CFS, Mumbai	93.1	89.4	International Cargo Terminals (ULA) CFS, Navi Mumbai	88.4	91.6
Ameya Logistics CFS, Navi Mumbai	85.7	80.2	JWC Logistics Park CFS	99.1	99.6
APM (Maersk India) CFS, Navi Mumbai	122.4	117.0	JWR CFS	55.6	57.7
Apollo Logisolutions CFS, Panvel	89.6	-	Maersk Annex (APM)CFS, Navi Mumbai	79.2	97.3
Ashte Logistics CFS, Panvel	88.0	103.5	Maharashtra State Corp CFS	95.2	81.9
Balmer & Lawrie CFS, Navi Mumbai	97.1	101.2	Navkar Corporation Yard 1 CFS, Panvel	88.3	93.8
Continental Warehousing CFS, Navi Mumbai	74.4	79.3	Navkar Corporation Yard 2 CFS, Panvel	100.7	104.4
CWC Conex Terminal CFS	84.6	80.2	Navkar Corporation Yard 3 CFS, Panvel	85.7	88.5
CWC Dronagiri CFS, Navi Mumbai	77.3	84.3	Ocean Gate CFS, Panvel	109.6	95.8
CWC Impex Park CFS, Navi Mumbai	82.3	97.5	Punjab Conware CFS, Navi Mumbai	93.3	94.8
CWC Polaris logistics park	105.9	101.5	Sarveshwar CFS	79.0	98.1
EFC Logistics India	97.9	98.3	Seabird CFS, Navi Mumbai	81.5	84.2
Gateway Distriparks CFS, Navi Mumbai	87.3	97.0	Speedy Multimode CFS, JNPT	84.9	92.6
Hind terminal CFS, Panvel	91.6	-	Transworld Terminals CFS, Mumbai	90.5	86.3
International Cargo Terminal CFS	91.0	91.0	Vaishno Logistics CFS, Navi Mumbai	66.6	65.0

# ICD Performance

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

## ICD Dwell Time (in hrs.)

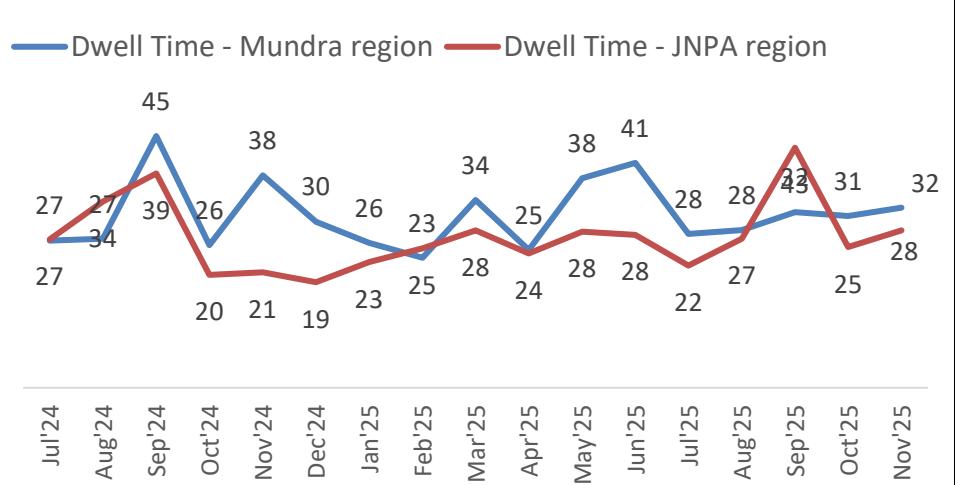
ICD	Nov'25 (in hrs)	Oct'25 (in hrs)	ICD	Nov'25 (in hrs)	Oct'25 (in hrs)
Adani ICD, Tumb	97.8	97.8	ICD MAJHERHAT	53.7	69.5
Adani Logistics Park ICD, Gurgaon	156.1	137.2	ICD MALANPUR	190.2	-
Albatross Inland Ports ICD, Dadri	162.9	-	ICD MANDIDEEP	148.9	187.7
CFS VALLARPADAM	119.0	124.4	ICD Pali (KIPL)	188.8	129.3
CMA CGM Logistics Park, Dadri	180.8	-	ICD Sachana (CWC)	124.8	143.4
CONCOR ICD, Dadri	69.1	68.8	ICD SANATHNAGAR	111.4	138.5
CONCOR Kanakpura ICD, Jaipur	85.2	106.9	ICD WHITEFIELD	129.2	145.8
CONTAINER CORPORATION OF INDIA LTD - TONDIARPET (ICDTVT-T)	81.2	88.2	KLPL ICD, Kanpur	125.7	126.7
Continental Warehousing Corporation Nhava Sheva Ltd ICD, Haryana	130.4	150.2	Kribhco ICD, Meerut	158.5	158.9
DICT Sonipat	124.9	111.7	MMLP AHMEDGARH (PLIL)	130.6	167.3
Dronagiri Rail Terminal CFS, Navi Mumbai	101.0	109.2	MMLP BALLI	96.0	97.5
Gateway Rail Freight ICD, Pyala	160.4	158.7	MMLP BARHI	115.2	161.2
Gateway Rail ICD, Sahnewal	108.7	113.8	MMLP KHATUWAS	106.5	116.1
Hind Terminals Logistics Park ICD, Palwal	59.7	55.2	MMLP MIHAN	141.9	131.6
HTPL ICD Qilaraipur Ludhiana	228.9	156.1	MMLP TIHI	177.0	186.7
ICD ANKLESHWAR	136.1	121.3	MMLP VARNAMA	169.7	185.4
ICD BGKT, JODHPUR	98.7	99.5	MMLP VISHAKAPATNAM	105.0	170.4
ICD DAULATABAD	130.6	144.2	Pegasus Inland Container Depot	95.2	100.8
ICD DDL, LUDHIANA	62.9	71.0	Pristine ICD Chawapail, Ludhiana	137.7	144.8
ICD KANPUR	108.0	114.4	The Thar Dry Port ICD Ahmedabad	136.3	127.3
ICD KHODIYAR	109.4	101.6	The Thar Dry Port Jodhpur	118.6	107.8
ICD KIFTPL Kashipur	119.9	111.7	Vaishno Container Terminal-ICD Tarapur	143.3	123.3

# Trend Analysis

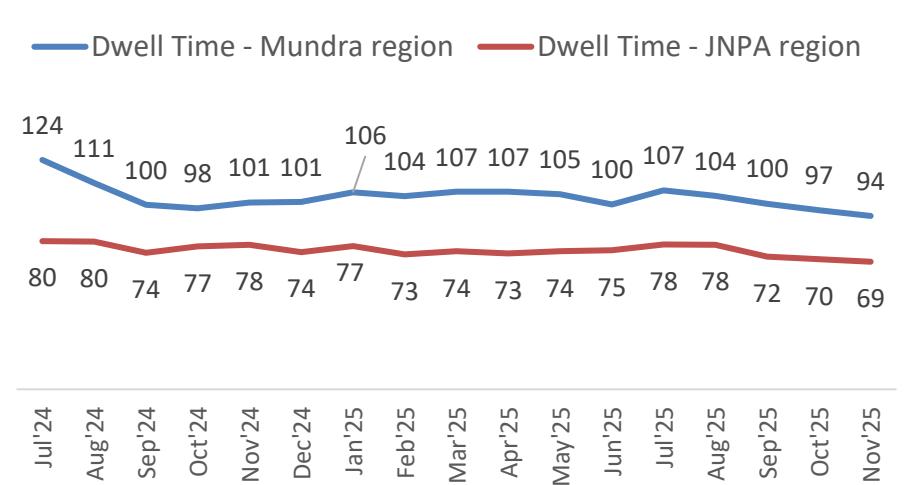
# Western Corridor Port: Yearly Analysis

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

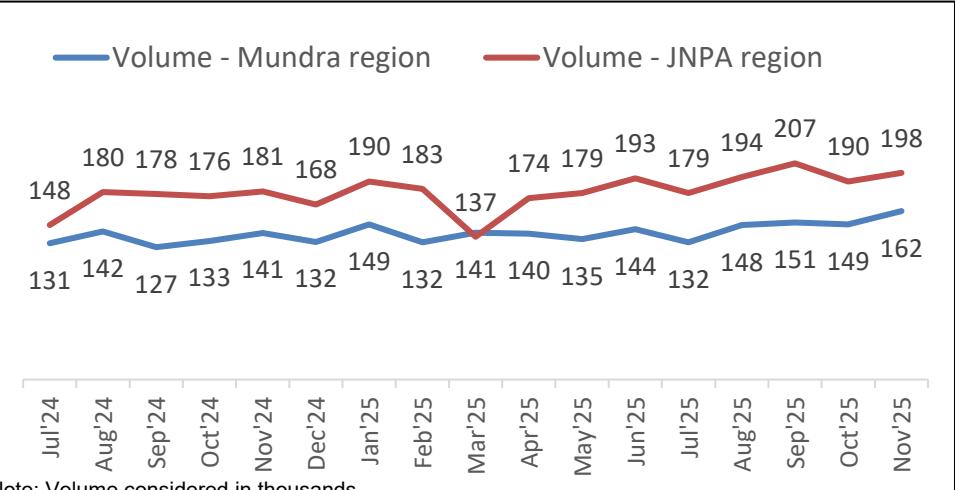
## Import Dwell Time – Mundra Region Vs JNPA Region



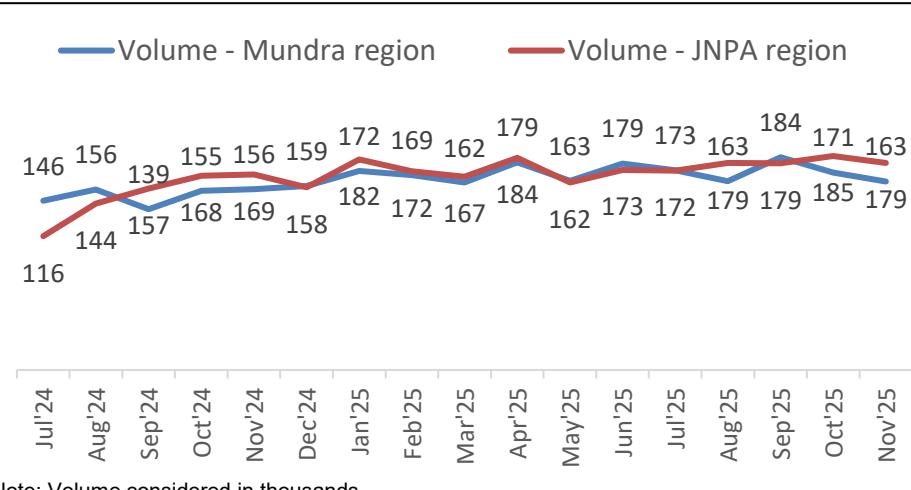
## Export Dwell Time – Mundra Region Vs JNPA Region



## Import Volume – Mundra Region Vs JNPA Region



## Export Volume – Mundra Region Vs JNPA Region

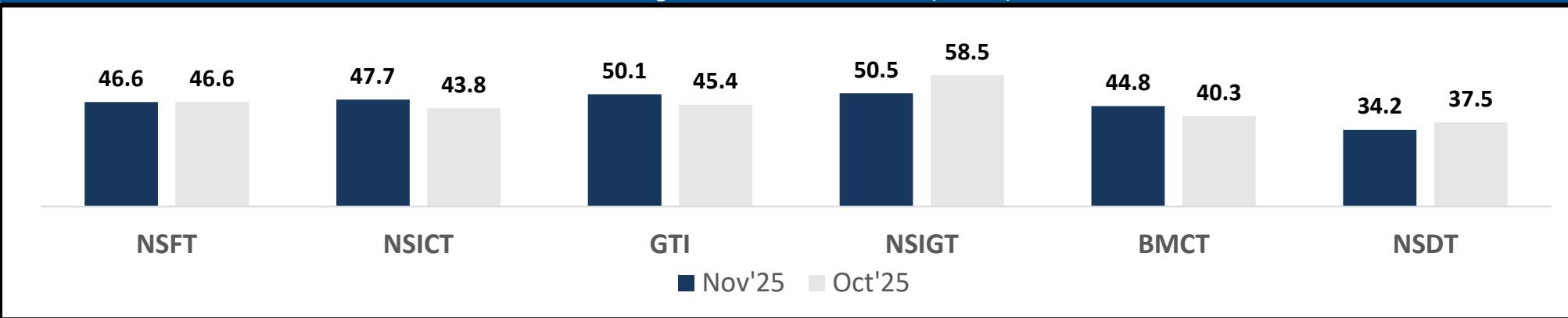


# JNPA Port Dwell Time Trend: Month on Month

## JNPA Port Dwell Time Trend :

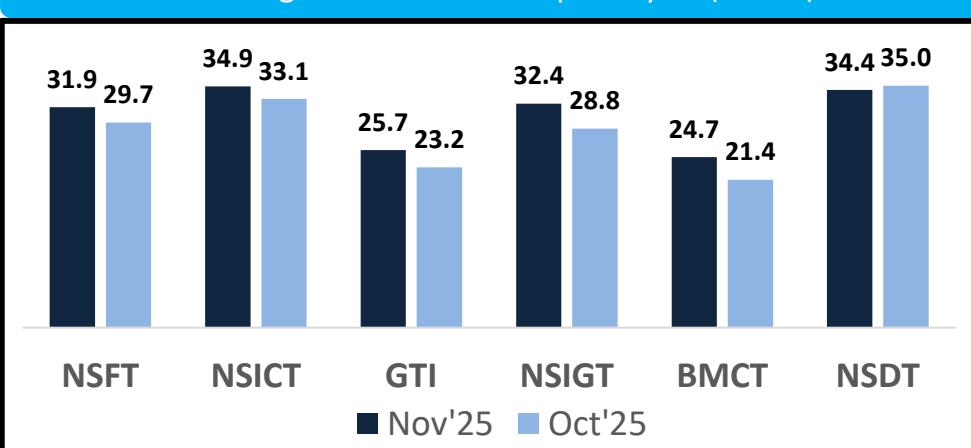
The below graph shows the overall port dwell time (i.e. import and export cycle combined) trend (Month of Month) of all the JNPA port terminals. Port dwell time is the time duration between the entry of the container in port terminal to the time it moves out of the port terminal

JNPA Region Dwell time: Overall (in hrs.)

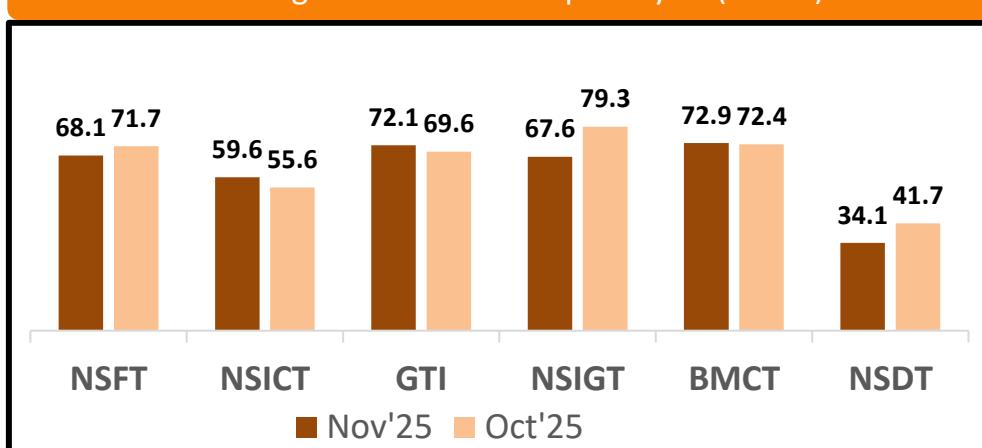


The below graphs showcase the Import and Export cycle dwell time for both train and truck bound containers for month of Nov'25

JNPA Region Dwell time: Import Cycle (in hrs.)



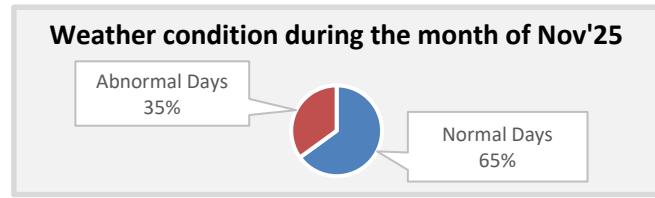
JNPA Region Dwell time: Export Cycle (in hrs.)



# Weather Analysis

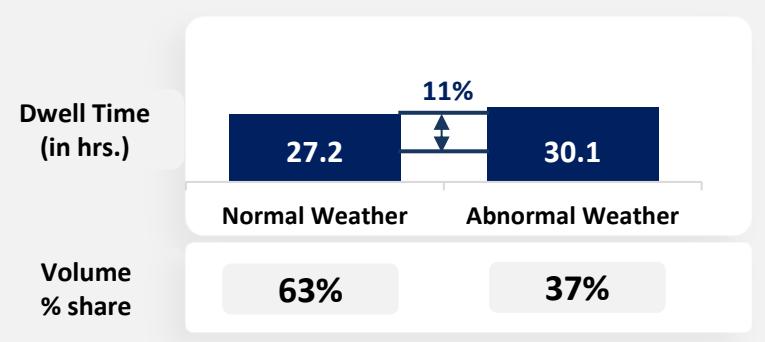
# Weather Analysis : JNPA Port

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

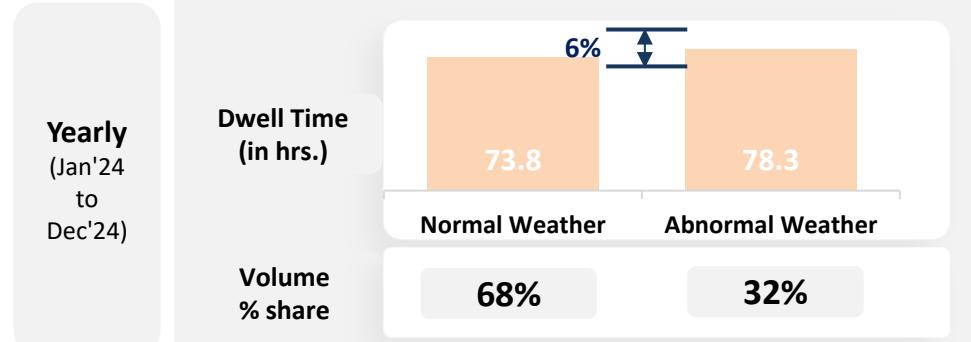
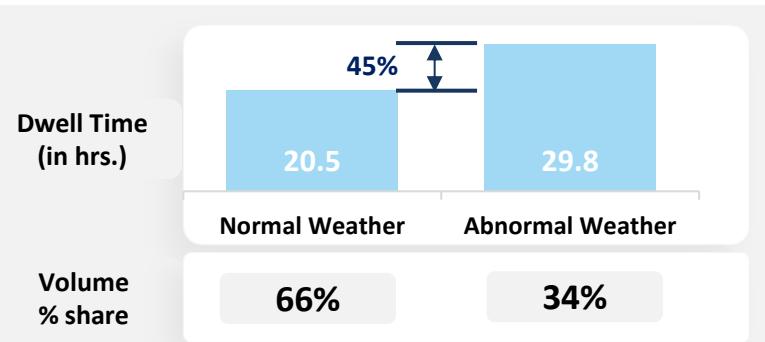
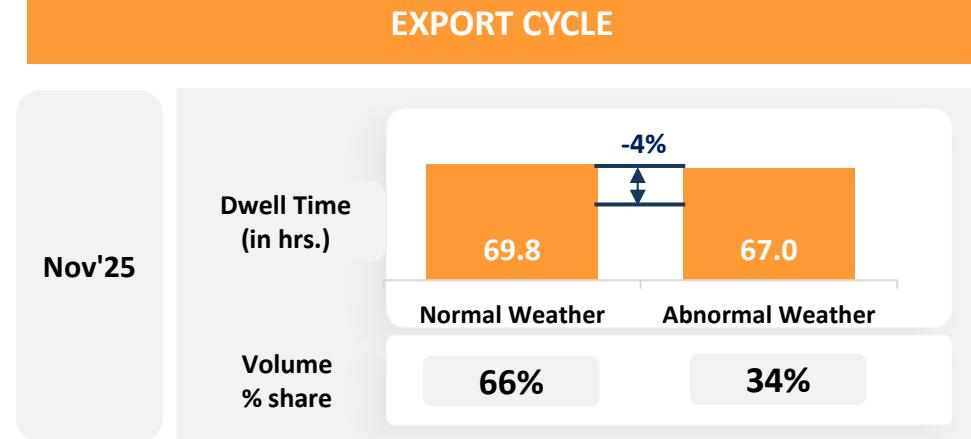


- Normal Weather Conditions includes **clear sky, sunny, overcast and partially cloudy** weather
- Abnormal Weather Conditions includes **rainy and overcast rainy** weather

## IMPORT CYCLE



## EXPORT CYCLE



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 Nov'25 (in hrs)	Abnormal Weather Nov'25 (in hrs)
Nhava Sheva Freeport Terminal (NSFT)	31.3	32.9
Nhava Sheva International Container Terminal (NSICT)	37.3	30.2
Gateway Terminals India (GTI)	24.5	27.9
Nhava Sheva India Gateway Terminal (NSIGT)	31.3	35.0
Bharat Mumbai Container Terminals(PSA)	22.1	29.6
Nhava Sheva Distribution Terminal (NSDT)	30.9	42.2

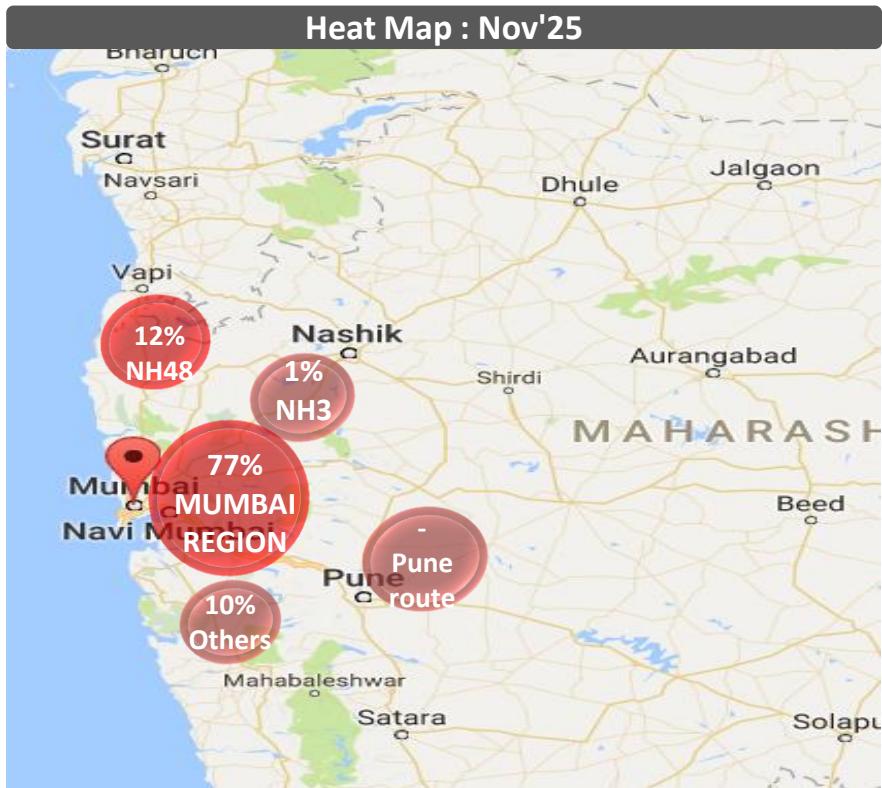
  

EXPORT CYCLE		
Terminal Name	Normal Weather Nov'25 (in hrs)	Abnormal Weather Nov'25 (in hrs)
Nhava Sheva Freeport Terminal (NSFT)	70.3	61.5
Nhava Sheva International Container Terminal (NSICT)	60.5	57.6
Gateway Terminals India (GTI)	71.4	73.7
Nhava Sheva India Gateway Terminal (NSIGT)	70.5	59.9
Bharat Mumbai Container Terminals(PSA)	75.7	69.2
Nhava Sheva Distribution Terminal (NSDT)	33.6	34.8

# ANNEXURE

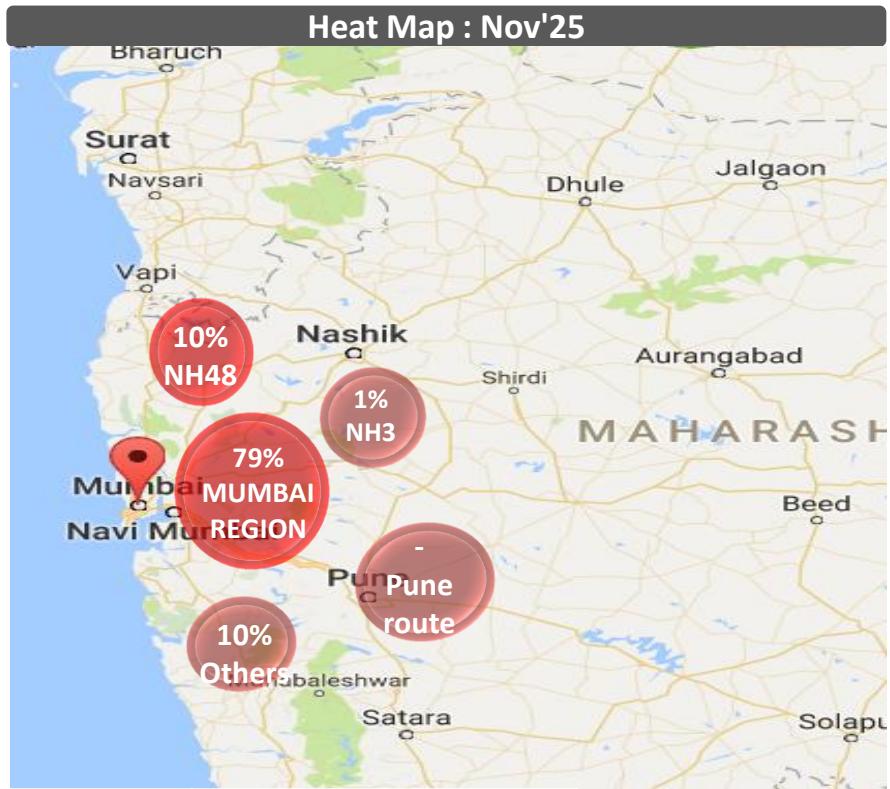
# Container Movement Around JNPA Port Terminal Region Via Truck

## HEAT MAP : GTI Port Terminal



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

## HEAT MAP : NSFT Port Terminal

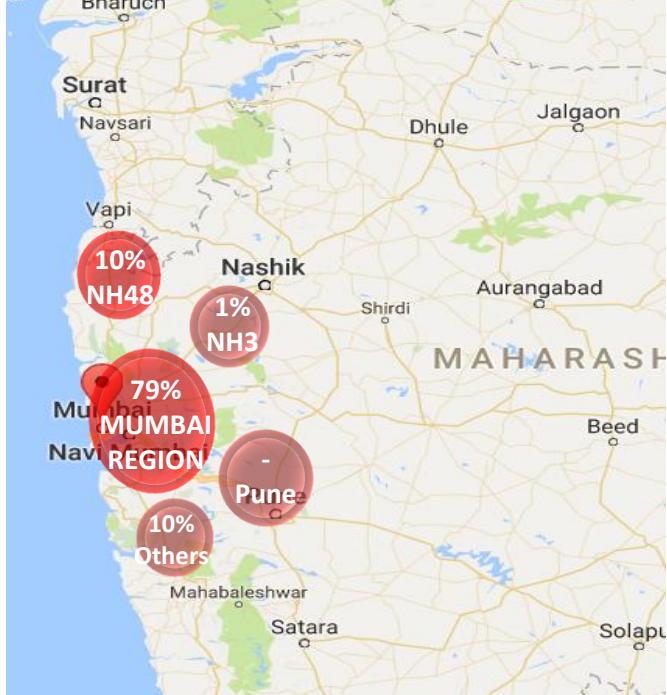


The heat map above depicts the movement of containers in and around the Mumbai region.

# Container Movement Around JNPA Port Terminal Region Via Truck

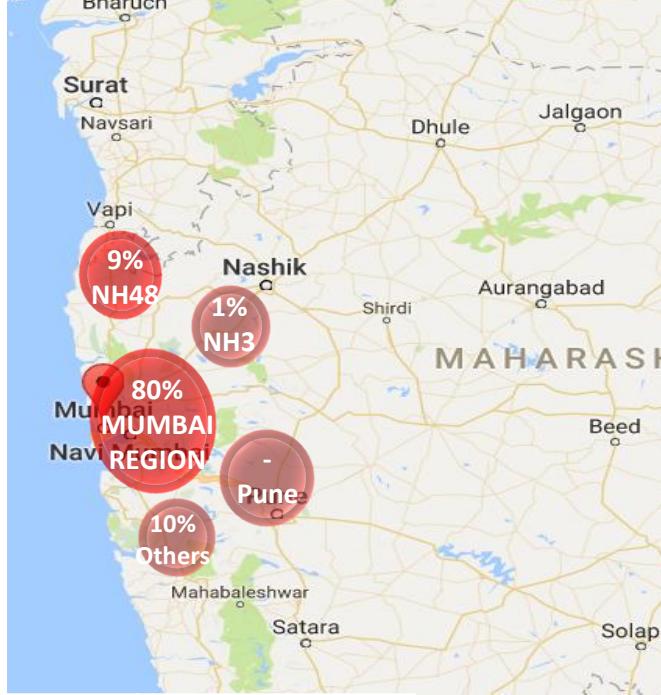
HEAT MAP : NSIGT Port Terminal

Heat Map : Nov'25



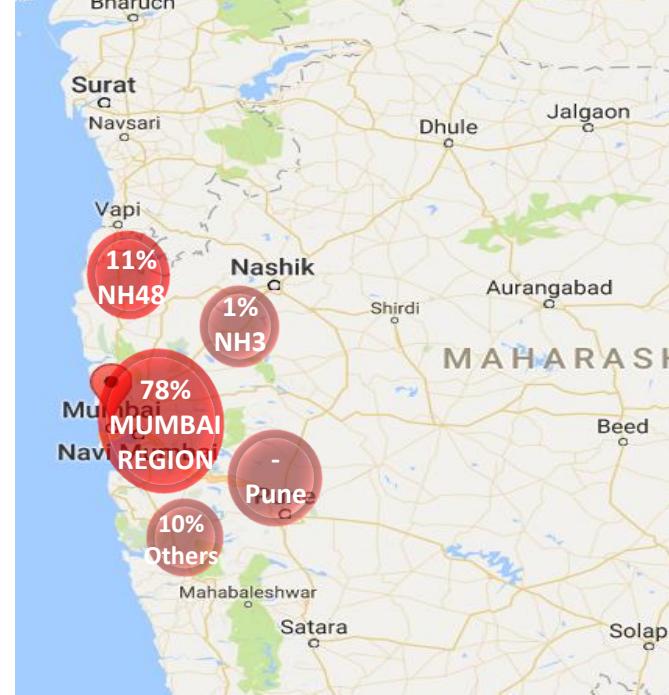
HEAT MAP : NSICT Port Terminal

Heat Map : Nov'25



HEAT MAP : BMCT Port Terminal

Heat Map : Nov'25



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

Port Out – CFS In (Import Cycle) – Nov'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	3.4	3.9	3.6	4.1	3.4	5.7
Ameya Logistics CFS, Navi Mumbai	2.9	3.1	3.0	2.7	2.5	2.3
APM (Maersk India) CFS, Navi Mumbai	2.3	2.4	2.4	2.6	2.3	-
Apollo Logisolutions CFS, Panvel	3.3	6.2	4.9	5.8	4.9	-
Ashte Logistics CFS, Panvel	2.4	3.3	2.8	3.3	2.6	2.5
Balmer & Lawrie CFS, Navi Mumbai	2.1	2.5	2.6	3.1	1.9	-
Continental Warehousing CFS, Navi Mumbai	1.3	2.0	2.8	2.2	1.7	-
CWC Conex Terminal CFS	3.3	3.5	2.8	2.9	2.8	2.7
CWC Dronagiri CFS, Navi Mumbai	1.8	2.4	2.5	2.7	2.1	3.2
CWC Impex Park CFS, Navi Mumbai	2.6	4.0	3.4	3.5	3.0	-
CWC Polaris logistics park	2.1	2.4	2.3	2.1	2.0	2.4
EFC Logistics India	2.1	3.5	3.0	3.8	2.9	1.7
Gateway Distriparks CFS, Navi Mumbai	3.1	3.0	2.8	2.6	2.7	4.7
Hind terminal CFS, Panvel	1.8	2.8	2.9	3.2	2.5	-
International Cargo Terminal CFS	2.9	3.2	3.1	2.6	2.9	-
International Cargo Terminals (ULA) CFS, Navi Mumbai	2.1	3.6	2.6	3.3	3.6	3.7

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

Port Out – CFS In (Import Cycle) – Nov'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	3.6	3.4	5.0	3.4	3.2	-
JWR CFS	3.8	3.5	9.7	4.9	6.1	-
Kerry Indev Logistics CFS, Mumbai	3.6	4.1	5.2	6.1	4.0	2.6
Maersk Annex (APM)CFS, Navi Mumbai	2.1	2.4	2.3	2.1	2.0	-
Maharashtra State Corp CFS	1.8	3.1	2.8	2.4	2.5	2.0
Navkar Corporation Yard 1 CFS, Panvel	3.3	3.6	4.8	4.8	5.3	-
Navkar Corporation Yard 2 CFS, Panvel	4.5	4.5	4.8	4.1	3.8	5.8
Navkar Corporation Yard 3 CFS, Panvel	4.5	4.1	3.6	3.6	3.8	3.9
Ocean Gate CFS, Panvel	3.1	3.4	3.5	3.3	2.9	-
Punjab Conware CFS, Navi Mumbai	2.1	3.2	2.3	2.2	2.1	1.9
Sarveshwar CFS	3.8	3.9	2.9	4.0	3.3	1.5
SBW Logistics CFS, Navi Mumbai	4.9	-	3.2	2.6	4.0	-
Seabird CFS, Navi Mumbai	4.6	5.8	4.7	4.3	4.3	-
Speedy Multimode CFS, JNPT	1.8	2.2	2.0	2.1	2.1	2.1
Transworld Terminals CFS, Mumbai	1.5	3.0	1.7	2.1	1.7	1.4
Vaishno Logistics CFS, Navi Mumbai	2.1	2.7	2.5	2.9	2.5	-

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

CFS Out – Port In (Export Cycle) – Nov'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	5.4	5.1	3.6	2.3	3.1	-
Ameya Logistics CFS, Navi Mumbai	6.3	3.5	4.0	3.0	3.5	-
APM (Maersk India) CFS, Navi Mumbai	5.8	2.6	3.6	2.1	6.4	-
Apollo Logisolutions CFS, Panvel	2.5	-	5.1	5.4	4.5	-
Ashte Logistics CFS, Panvel	4.3	5.4	3.9	1.8	4.2	-
Balmer & Lawrie CFS, Navi Mumbai	6.1	4.1	4.6	4.1	3.1	-
Continental Warehousing CFS, Navi Mumbai	2.9	3.2	3.1	2.3	2.7	-
CWC Conex Terminal CFS	4.3	2.7	3.6	2.6	3.2	5.4
CWC Dronagiri CFS, Navi Mumbai	4.4	3.0	3.5	2.7	3.1	-
CWC Impex Park CFS, Navi Mumbai	5.7	4.4	4.3	5.4	2.7	-
CWC Polaris logistics park	4.6	3.1	3.2	2.5	3.6	-
EFC Logistics India	4.9	3.1	5.1	5.0	4.4	-
Gateway Distriparks CFS, Navi Mumbai	6.8	3.2	4.6	3.1	4.4	-
Hind terminal CFS, Panvel	9.3	5.5	6.1	7.6	-	-
International Cargo Terminal CFS	5.6	2.8	5.1	4.3	5.3	-
International Cargo Terminals (ULA) CFS, Navi Mumbai	8.0	2.4	4.5	3.9	3.1	-

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

CFS Out – Port In (Export Cycle) – Nov'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	6.2	3.9	5.0	3.4	4.4	-
JWR CFS	5.6	3.3	4.5	3.4	4.1	-
Maersk Annex (APM)CFS, Navi Mumbai	-	4.0	-	2.3	4.2	-
Maharashtra State Corp CFS	3.0	3.0	4.1	2.0	3.3	-
Navkar Corporation Yard 2 CFS, Panvel	6.0	4.3	7.1	4.9	4.3	-
Navkar Corporation Yard 3 CFS, Panvel	6.1	3.3	5.5	9.7	5.1	-
Ocean Gate CFS, Panvel	7.1	3.9	4.9	3.0	4.5	-
Punjab Conware CFS, Navi Mumbai	5.2	2.6	3.2	2.6	3.2	-
Sarveshwar CFS	4.7	3.4	4.2	2.9	5.6	-
SBW Logistics CFS, Navi Mumbai	9.6	-	8.8	-	8.1	-
Seabird CFS, Navi Mumbai	5.9	-	3.7	2.8	5.0	-
Speedy Multimode CFS, JNPT	3.4	-	3.3	3.0	2.9	-
Transworld Terminals CFS, Mumbai	5.1	-	2.6	2.3	2.5	-

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**

**CFS Cluster : NSFT Terminal**

**CFS Cluster : NSDT Terminal**

GTI terminal for month of Nov'25					NSFT terminal for month of Nov'25					NSDT terminal for month of Nov'25				
Clusters	No. of CFS's in Cluster	Distance from Port (Km)	Import cycle time (in Hrs)	Export cycle time (in Hrs)	Clusters	No. of CFS's in Cluster	Distance from Port (Km)	Import cycle time (in Hrs)	Export cycle time (in Hrs)	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	3.3	Cluster 1	1	8	1.9	3.4	Cluster 1	1	8	2.1	-
Cluster 2	6	13	3.1	3.5	Cluster 2	6	13	2.6	6.3	Cluster 2	6	13	5.5	-
Cluster 3	6	11	4.4	2.6	Cluster 3	6	11	3.2	5.0	Cluster 3	6	11	2.1	-
Cluster 4	1	13	2.7	3.3	Cluster 4	1	13	2.2	7.0	Cluster 4	1	13	-	-
Cluster 5	2	25	3.5	3.9	Cluster 5	2	25	3.4	6.4	Cluster 5	2	25	-	-
Cluster 6	6	25	3.9	4.0	Cluster 6	6	25	3.1	5.5	Cluster 6	6	25	3.7	-
Cluster 7	4	12	3.2	3.6	Cluster 7	4	12	2.9	6.4	Cluster 7	4	12	2.3	-
Cluster 8	1	34	23.5	-	Cluster 8	1	34	5.0	9.6	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 Nov'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	3.4
Cluster 2	6	13	2.7	4.9
Cluster 3	6	11	3.5	3.4
Cluster 4	1	13	2.5	6.0
Cluster 5	2	25	3.7	5.0
Cluster 6	6	25	3.7	5.2
Cluster 7	4	12	3.0	4.0
Cluster 8	1	34	3.2	8.8

**CFS Cluster : NSIGT Terminal**

NSIGT terminal for month of Nov'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	3.1
Cluster 2	6	13	2.6	3.9
Cluster 3	6	11	3.3	3.0
Cluster 4	1	13	2.9	4.0
Cluster 5	2	25	3.4	3.3
Cluster 6	6	25	3.9	4.3
Cluster 7	4	12	2.8	3.0
Cluster 8	1	34	2.6	38.2

**CFS Cluster : BMCT Terminal**

BMCT terminal for month of Nov'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	3.1
Cluster 2	6	13	2.7	4.0
Cluster 3	6	11	3.3	3.7
Cluster 4	1	13	2.6	4.6
Cluster 5	2	25	3.0	4.5
Cluster 6	6	25	3.4	4.7
Cluster 7	4	12	2.5	3.5
Cluster 8	1	34	4.0	8.0

# 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 Nov'25

City	BMCT	GTI	NSFT	NSIGT	NSICT	Overall
Agra	92.9	103.1	-	34.7	-	92.9
Ankaleshwar	34.5	42.6	102.5	46.4	-	51.1
Dadri	35.4	-	41.1	59.5	45.0	40.4
Daulatabad	59.2	68.8	22.0	48.8	12.5	28.5
Indore	-	-	41.7	33.8	23.5	35.8
Kanpur	66.5	81.9	80.9	-	101.7	81.6
Khatuwas	38.9	27.0	-	-	-	30.1
Khodiyar	31.9	49.2	60.2	56.3	84.9	49.0
Ludhiana	28.2	33.7	30.1	137.1	34.1	36.5
Malanpur	93.4	36.4	95.0	79.6	24.6	60.5
Moradabad	11.8	38.4	-	-	64.0	26.5
Nagpur	36.3	73.0	52.8	54.9	37.2	41.7
Navi Mumbai	37.9	21.5	44.4	31.4	-	33.3
Sanatnagar	50.2	-	54.3	38.5	-	46.7
Tughlakabad	40.8	-	35.8	63.0	69.3	46.9

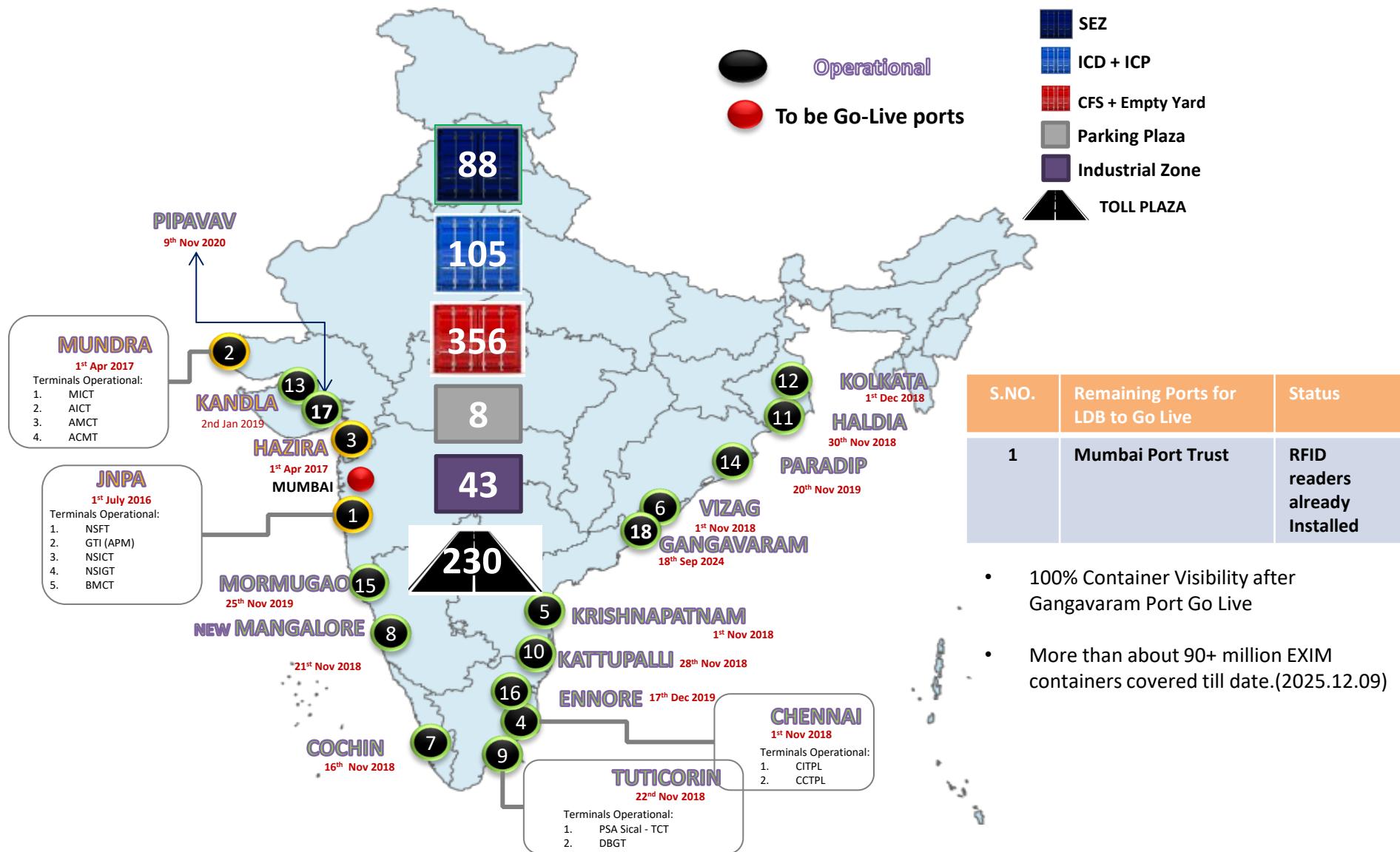
# JNPA Region: Destination-wise Dwell Time- Import

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 Nov'25

CFS	BMCT	GTI	NSFT	NSIGT	NSICT	Overall
AllCargo Logistics	16.7	-	-	19.9	25.1	19.2
Ameya Logistics CFS, Navi Mumbai	37.4	-	30.3	49.4	58.8	42.7
APM (Maersk India) CFS, Navi Mumbai	29.1	25.7	31.7	59.1	-	39.2
Apollo Logisolutions CFS, Panvel	14.8	20.8	26.3	25.5	27.9	20.7
Ashte Logistics CFS, Panvel	15.5	14.8	-	17.9	19.8	16.3
Balmer & Lawrie CFS, Navi Mumbai	22.8	20.3	23.4	24.2	35.3	23.8
Continental Warehousing CFS, Navi Mumbai	17.2	26.4	31.4	27.9	-	24.5
CWC Impex Park	28.6	23.0	43.6	28.4	52.9	29.2
Dronagiri Rail Terminal CFS, Navi Mumbai	11.4	18.4	16.6	18.8	-	15.9
EFC Logistics	17.5	18.9	22.6	26.0	41.3	21.8
Gateway Distriparks CFS, Navi Mumbai	18.8	18.9	20.1	27.2	32.1	21.3
International Cargo Terminals (ULA) CFS, Navi Mumbai	-	-	-	32.5	38.1	35.1
JWC Logistics Park CFS	19.2	15.4	20.0	20.4	21.2	18.2
Kerry Indev Logistics Pvt Ltd CFS	-	-	16.2	17.1	14.1	16.3
Maharashtra State Corp CFS	21.8	28.7	33.0	28.5	34.0	27.5
Navkar Corporation	16.5	18.1	18.7	22.5	33.4	18.8
Ocean Gate CFS, Panvel	20.1	17.7	22.9	25.3	28.6	21.7
Sarveshwar Logistics	16.5	15.9	-	25.1	22.6	18.6
SBW Logistics CFS, Navi Mumbai	66.9	-	57.6	47.3	-	58.3
Seabird CFS, Navi Mumbai	23.5	-	29.6	32.9	64.2	31.1
Speedy Multimode CFS, JNPT	15.8	-	-	29.8	49.4	27.7
Take Care Logistics	17.0	-	-	-	30.0	19.0
TG Terminals	22.7	-	23.0	26.6	24.0	23.9
Vaishno Logistics CFS, Navi Mumbai	38.9	40.7	41.9	58.1	59.0	44.7

# LDB Operations Snapshot (1/2)



Below mentioned are all the CFS in the respective Clusters :

## Cluster 1

(JNPA Area)

- Speedy Multimode CFS, JNPA

## Cluster 3

Sonari area, JNPA road

- Punjab Conware CFS, Navi Mumbai
- Dronagiri 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 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 2

(Bhendkhali 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 Distrifparks CFS, Navi Mumbai
- International Cargo Terminal CFS

## 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 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

## Cluster 8

SBW

## List of CFS names used in the Western CFS Performance Index

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

## Methodology

Step 1

CFSs are divided into clusters based on their vicinity

Step 2

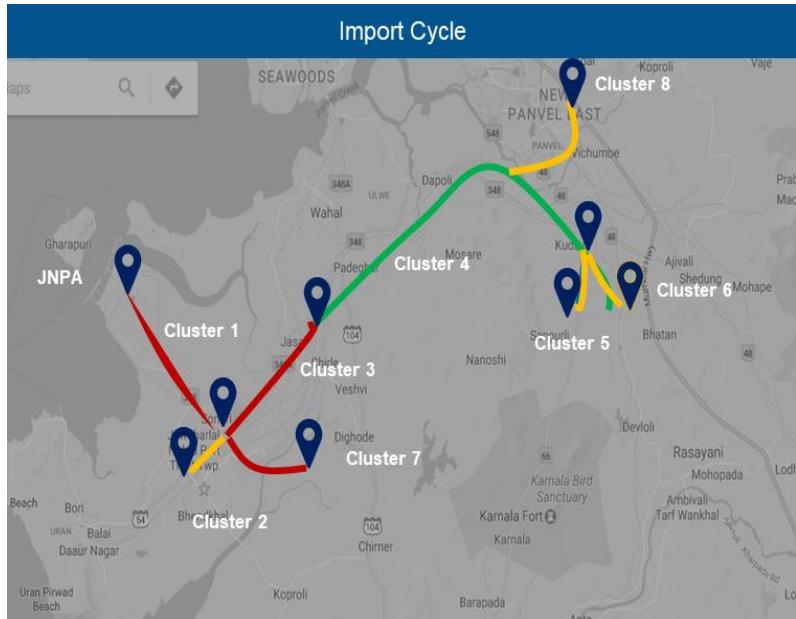
Cluster based transit time is calculated. The transit time is the travel time between CFS clusters and port or vice versa.

Step 3

Cluster based congestion level is calculated as per below steps:

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

Congestion Level      ■ High      ■ Medium      ■ Low



Congestion Analysis



# THANK YOU

