



## Terminal wise Dwell Time Performance - Snapshot

Import Cycle			Export Cycle		
Port	Nov'23 (in hrs)	Dec'23 (in hrs)	Port	Nov'23 (in hrs)	Dec'23 (in hrs)
NSFT	19.4	20.5	NSFT	79.3	73.3
NSICT	19.6	19.4	NSICT	53.4	54.5
GTI	15.4	15.0	GTI	68.5	73.4
NSIGT	21.5	19.9	NSIGT	84.8	77.4
BMCT	23.9	20.2	BMCT	80.7	69.5

## Critical Incident Summary

### Jawaharlal Nehru Port Authority

- Overall container handling performance (Port Dwell Time) in Import and Export Cycle has reduced from the previous month. Overall container handling performance at CFS (CFS Dwell Time) has improved and ICD (ICD Dwell Time) has reduced from the previous month.

Month	Import Cycle - Dwell Time	Export Cycle - Dwell Time	CFS Dwell Time	ICD
Dec'23	18.4 hrs	70.4 hrs	84.7 hrs	138.1 hrs
Nov'23	18.2 hrs	69.3 hrs	88.3 hrs	128.2 hrs

## Port Dwell Time

IMPORT

Mode	Nov'23 (in hrs)	Dec'23 (in hrs)
Overall	22.3	23.0
Truck	17.6	18.0
Train	61.4	75.4

EXPORT

Mode	Nov'23 (in hrs)	Dec'23 (in hrs)
Overall	88.3	85.1
Truck	83.7	81.2
Train	112.3	107.9

## Container Freight Stations (CFS)/ Inland Container depots(ICD) - Dwell Time



Inland Container Depot (ICD)



Container Freight Stations (CFS)

Entity	Nov'23 (in hrs)	Dec'23 (in hrs)
CFS	91.7	89.5
ICD	128.2	138.1

The marked entries showcase increase in performance in comparison to Nov'23

The marked entries showcase Decrease in performance in comparison to Nov'23



## Performance Benchmarking - Port Terminals

The benchmarking showcase the individual terminal's performance w.r.t Western Region

Performance Index – Dec'23

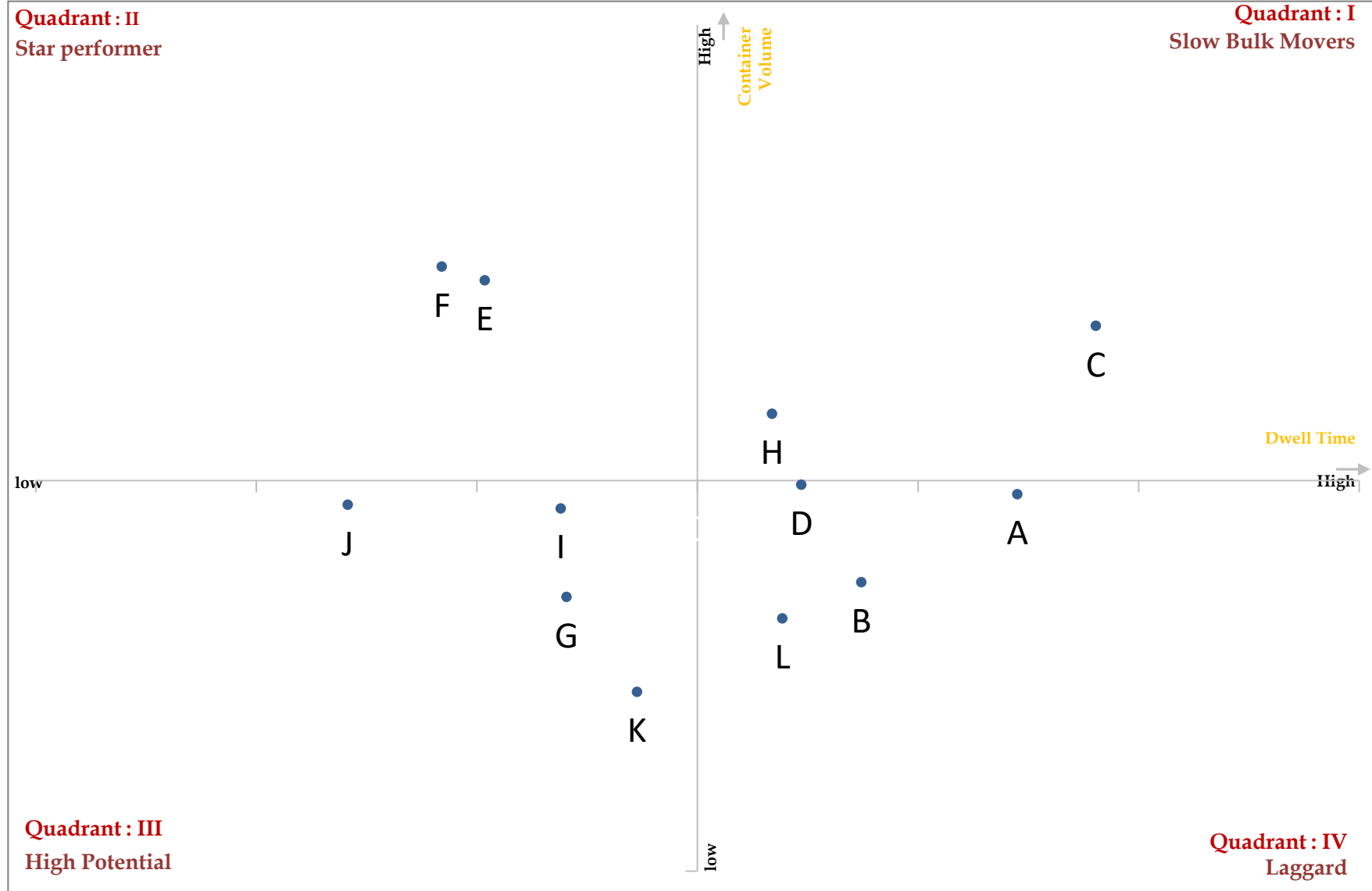


Abb.	Name of Terminal
A	Adani CMA Mundra Terminal (ACMTPL)
B	Adani Hazira Port Private Limited (AHPPL)
C	Adani International Container Terminal (AICTPL)
D	Adani Mundra Container Terminal (AMCT)
E	Bharat Mumbai Container Terminals(PSA)
F	Gateway Terminals India (GTI)
G	Nhava Sheva Freeport Terminal (NSFT)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

## Container Lifecycle (Import Cycle)

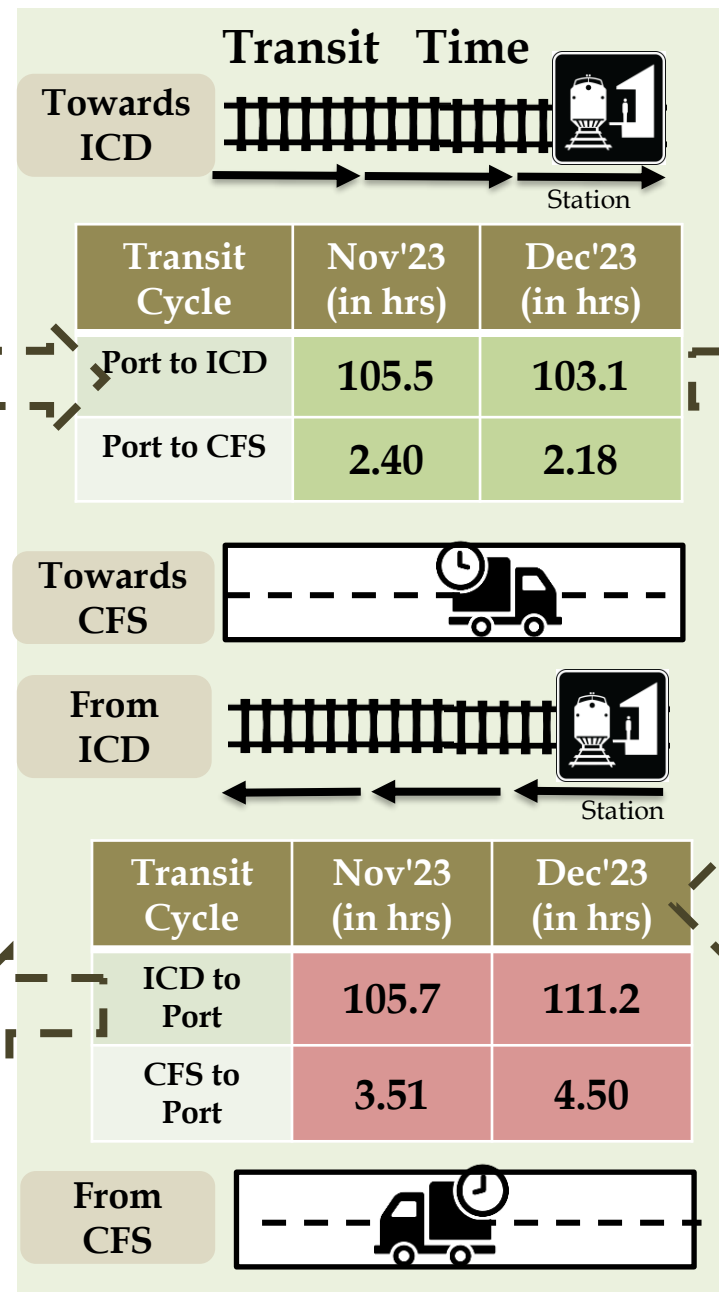
**IMPORT**

### Port Dwell Time

Mode	Nov'23 (in hrs)	Dec'23 (in hrs)
Overall	18.2	18.4
Truck	15.4	15.5
Train	53.1	62.2

Mode	Nov'23 (in hrs)	Dec'23 (in hrs)
Overall	69.3	70.4
Truck	69.0	68.7
Train	71.0	82.6



### Container Freight Station (CFS) / Inland Container Depot (ICD) - Dwell Time

Entity	Nov'23 (in hrs)	Dec'23 (in hrs)
CFS	88.3	84.7
ICD	128.2	138.1

### Volume distribution at port terminal - Truck/Rail

	Truck	Rail
Import	80%	20%
Export	81%	19%

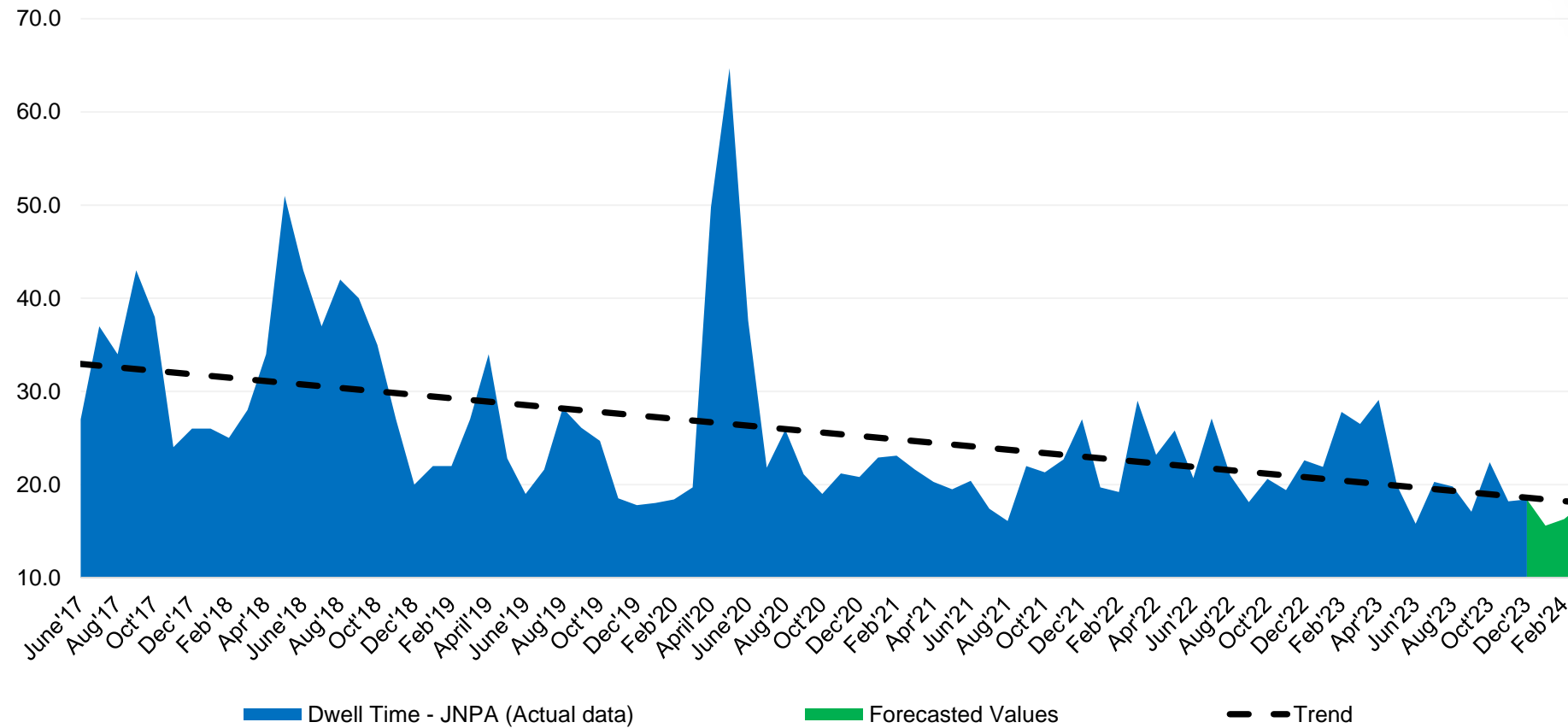
The marked entries showcase the increase in performance as compared to Nov'23

The marked entries showcase the decrease in performance as compared to Nov'23

## Container Lifecycle (Export Cycle)

	Particulars		Nov'23 (in hrs)	Dec'23 (in hrs)
	Import Cycle	Dwell Time	Overall Dwell Time	18.2
Truck Bound Containers			15.4	15.5
Train Bound Containers			53.1	62.2
Direct Port Entry (DPE) containers			22.1	23.7
Containers bound for CFS			14.0	15.1
Empty Containers			22.0	22.6
Laden Containers			17.7	18.0
Transit Time		Port to CFS	105.7	103.1
		Port to ICD	2.40	2.18
	Particulars		Nov'23 (in hrs)	Dec'23 (in hrs)
	Export Cycle	Dwell Time	Overall Dwell Time	69.3
Truck Bound Containers			69.0	68.7
Train Bound Containers			71.0	82.6
Direct Port Entry (DPE) containers			76.1	76.6
Containers bound for CFS			68.4	64.9
Empty Containers			64.0	65.0
Laden Containers			71.8	74.4
Transit Time		CFS to Port	105.7	111.2
	ICD to Port	3.51	4.50	

JNPA Port – Import Cycle



**Observation**

**Import Cycle**

- JNPA dwell time prediction is based on import dwell time i.e. for import bound containers.
- It has been observed that the overall trend of dwell time is decreasing.
- Due to the cyclic variations in the monthly data it is expected to reach a local maxima in Mar'24.



	Oct'23	Nov'23	Dec'23	Jan'24	Feb'24	Mar'24
<b>Actual Dwell Time (in hours)</b>	22.4	18.2	18.4	-	-	-
<b>Forecasted Dwell Time (in hours)</b>	18.5	15.8	16.2	15.6	16.3	17.9

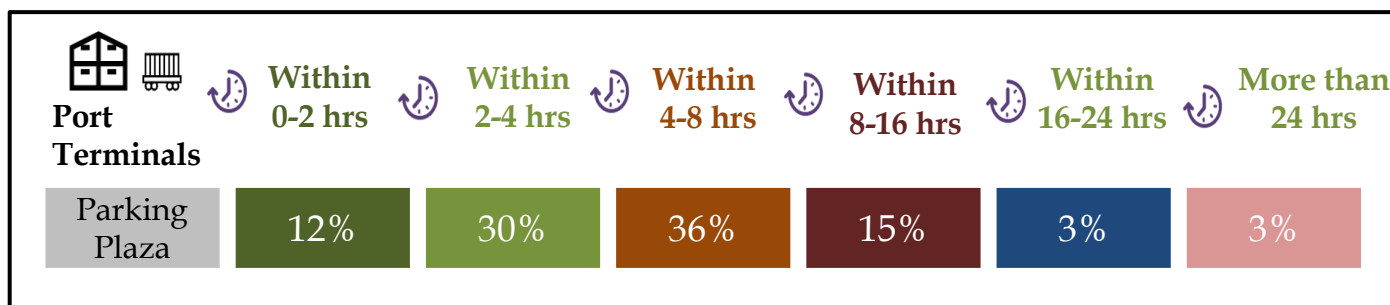
The below table depicts the Parking Plaza & Parking Plaza to Port Transit Performance at JNPA Port Terminals and their volume bifurcation in export cycle



## Parking Plaza Gate In - Gate Out

Mode	Nov'23 (in hrs)	Dec'23 (in hrs)
Overall Parking Plaza	5.30	4.32

## Container Handled: Day wise (Dec'23)



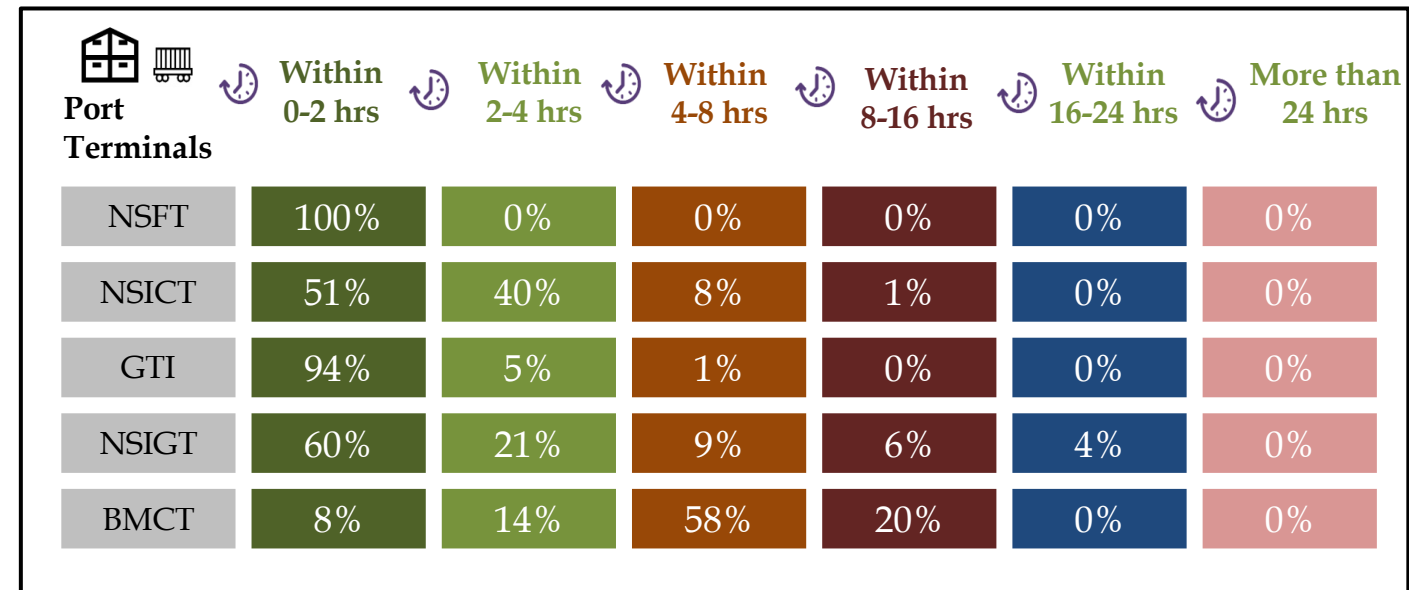
## Parking Plaza Gate Out - Terminal In



Mode	Nov'23 (in hrs)	Dec'23 (in hrs)
Overall Parking Plaza to JNPA Port	1.22	0.97

Port	Nov'23 (in hrs)	Dec'23 (in hrs)
NSFT	1.2	0.6
NSICT	1.2	2.0
GTI	0.5	0.7
NSIGT	1.1	1.5
BMCT	2.8	6.2

## Container Handled: Day wise (Dec'23)







Performance Benchmarking



ICD

## Top Performing CFS

CWC CFS, Mundra

## Low Performing CFS

Navkar Corporation Yard 1 CFS, Panvel

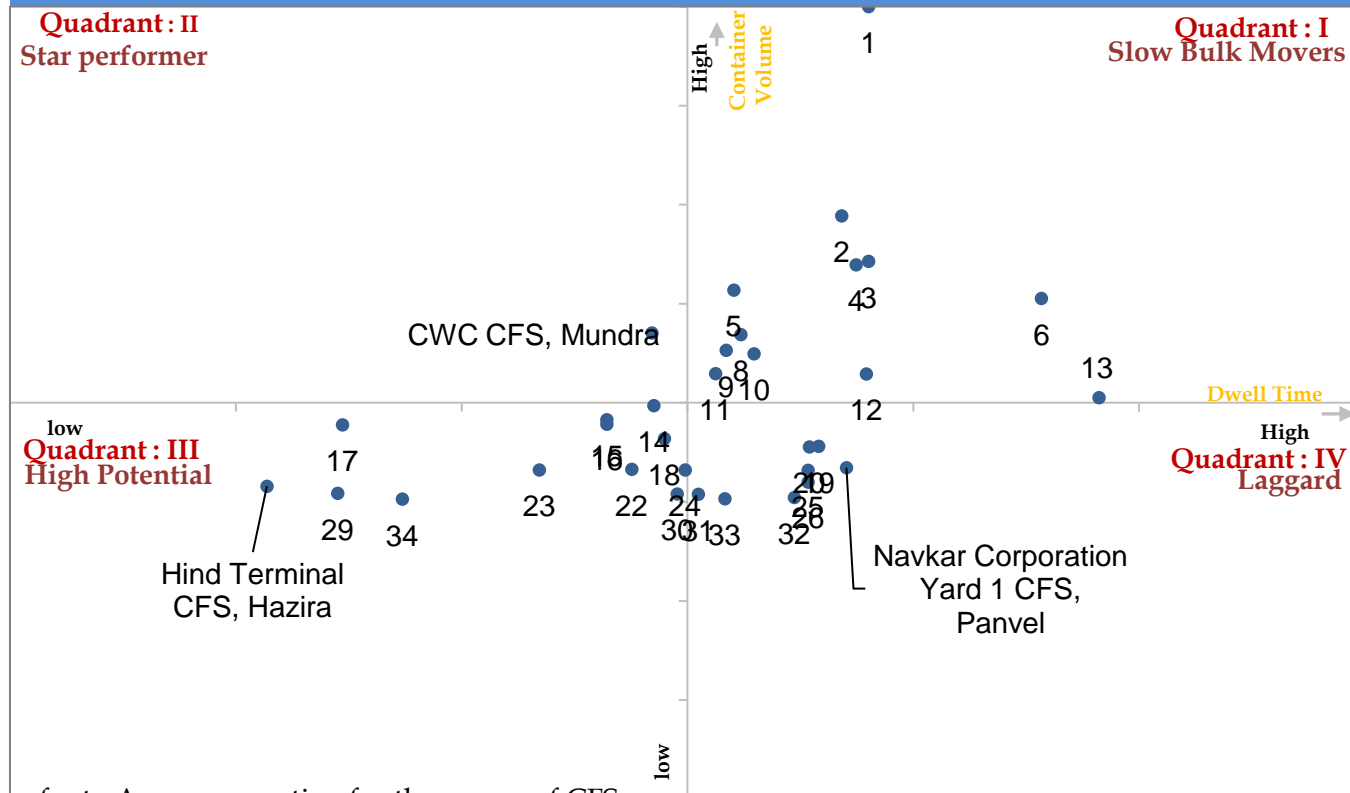
## Top Performing ICD

Continental Warehousing Corporation Nhava Sheva pvt.

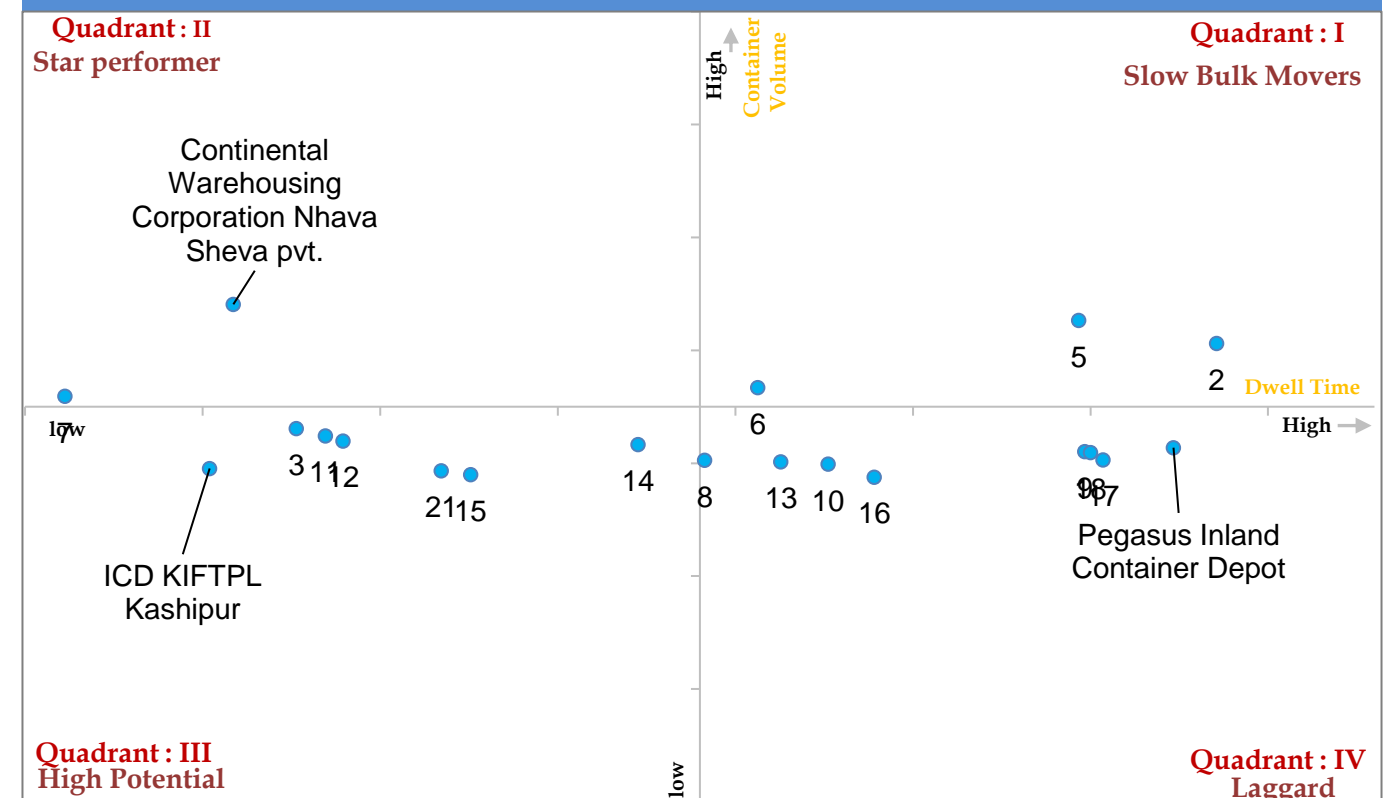
## Low Performing ICD

Pegasus Inland Container Depot

### Performance Index: Western Corridor CFS



### Performance Index: ICD



Kindly refer to Annexure section for the names of CFS

# Import Cycle Analysis

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



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

## PORT IMPORT via TRAIN

**(20% 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

Port	Nov'23 (in hrs)	Dec'23 (in hrs)
NSFT	45.9	52.3
NSICT	68.0	54.1
GTI	41.3	47.5
NSIGT	64.6	63.2
BMCT	83.7	80.7

## Container Handled: Day wise (Dec'23 )

Port Terminals	Within 0-24 hrs	Within 24-48 hrs	Within 48-72 hrs	Within 72-96 hrs	Within 96-144 hrs	More than 144 hrs
NSFT	25%	24%	14%	18%	11%	9%
NSICT	21%	24%	16%	14%	19%	6%
GTI	26%	25%	20%	15%	9%	5%
NSIGT	14%	24%	18%	15%	16%	14%
BMCT	8%	19%	15%	15%	22%	21%

## PORT IMPORT via TRUCK

**(80% 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

Port	Nov'23 (in hrs)	Dec'23 (in hrs)
NSFT	16.7	17.4
NSICT	17.0	16.9
GTI	13.5	13.0
NSIGT	17.3	16.5
BMCT	18.4	16.6

## Container Handled: Day wise (Dec'23 )

Port Terminals	Within 0-24 hrs	Within 24-48 hrs	Within 48-72 hrs	Within 72-96 hrs	Within 96-144 hrs	More than 144 hrs
NSFT	66%	22%	6%	2%	2%	1%
NSICT	70%	23%	4%	1%	1%	1%
GTI	79%	16%	3%	1%	1%	0%
NSIGT	73%	21%	3%	1%	1%	1%
BMCT	73%	22%	4%	1%	0%	0%

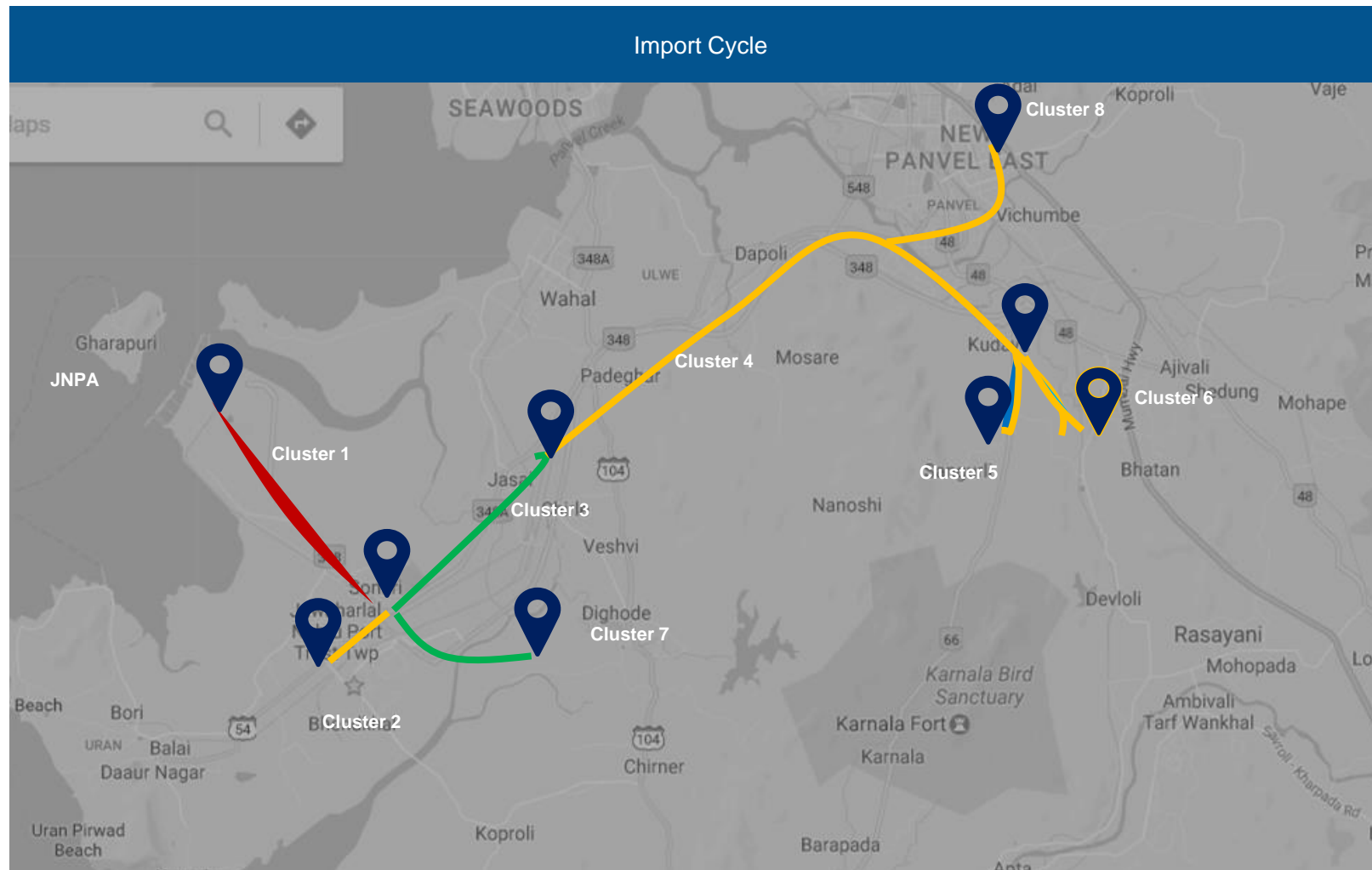
# JNPA Port Terminal: Dwell Time Performance (Import Cycle)

The below tables depict the detailed JNPA region port performance in the month of Dec'23

Port Dwell Time (in Hours) - Based on Transit Type				
Port Terminals	Direct Port Delivery (DPD) Containers	Containers bound for CFS	Empty Containers	Laden Containers
NSFT	20.5	14.3	37.6	18.1
NSICT	52.6	17.4	19.0	19.5
GTI	30.5	12.5	27.8	14.4
NSIGT	42.2	16.7	18.4	20.2
BMCT	36.4	17.0	20.6	20.2

# JNPA Region: Congestion Analysis (Import Cycle)

The Below map indicate congestion around JNPA region in Import Cycle in month of Dec'23



Serial	Cluster Name	Congestion
Cluster 1	JNPA area	High
Cluster 2	Bhendkhal area, khopate road	Medium
Cluster 3	Sonari area, JNPA road	Low
Cluster 4	Chirle area, JNPA road	Medium
Cluster 5	Plaspa area, coach kanyakumari highway	Medium
Cluster 6	Salva apta rd area, bangalore highway	Medium
Cluster 7	Patilpada area, khopate JNPA road	Low
Cluster 8	Taloja, navi mumbai	Medium

**Legends**

- High Congestion
- Medium Congestion
- Low Congestion
- Cluster with bottleneck
- Cluster without bottleneck

**GTI Terminal**

**Congestion Level**  
Import Cycle :-

**NSFT Terminal**

**Congestion Level**  
Import Cycle :-

**NSICT Terminal**

**Congestion Level**  
Import Cycle :-

**NSIGT Terminal**

**Congestion Level**  
Import Cycle :-

**BMCT Terminal**

**Congestion Level**  
Import Cycle :-

**Note:**

- 1) Congestion is measured w.r.t actual time taken to cover the respective distance between clusters and terminals
- 2) Analysis consist of CFS covered under LDB project

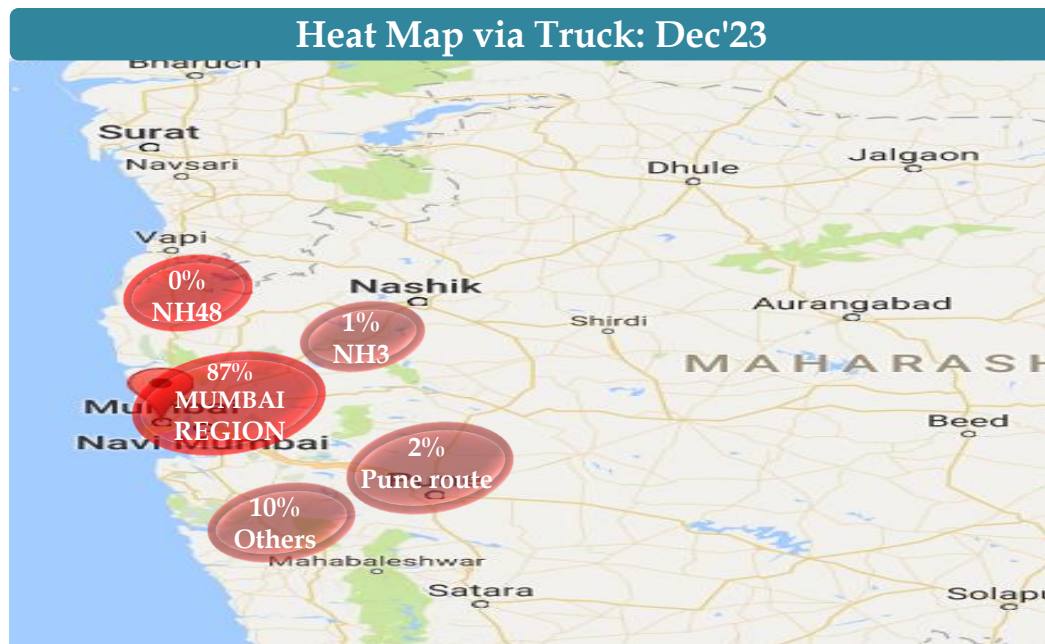
The below table and graphs depict the container movement across JNPA port region in Import cycle

### Truck

#### HEAT MAP : OVERALL MUMBAI REGION

Region	Dec'23
Mumbai region	87%
NH3	1%
Pune	2%
NH48	0%
Others	10%

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

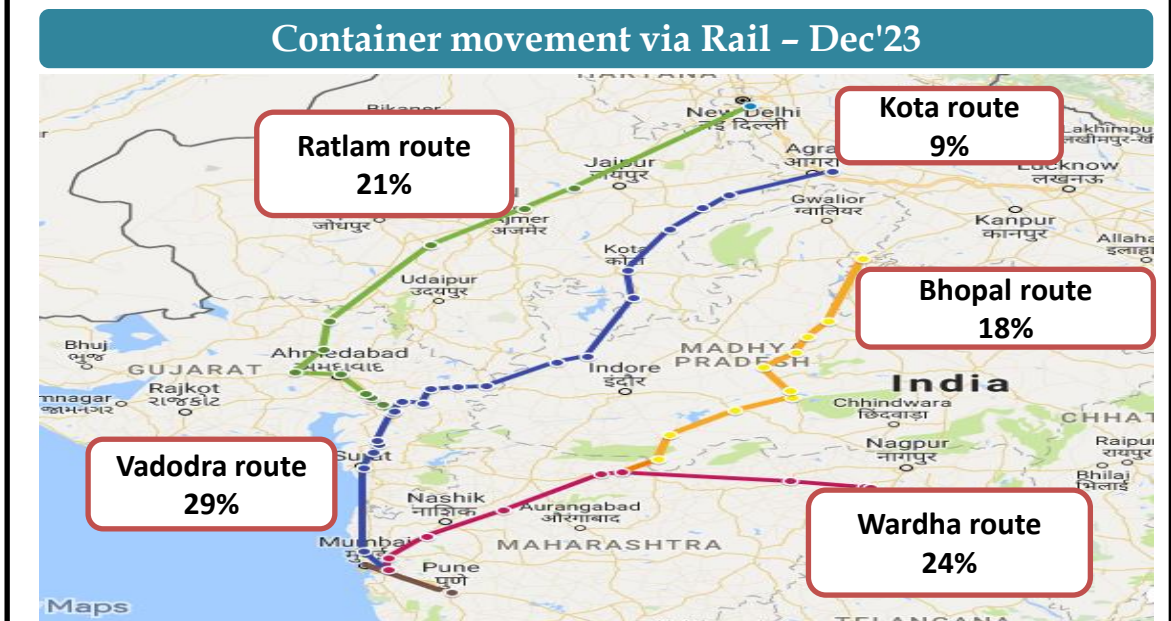


### Train

#### VOLUME WISE CONTAINER MOVEMENT

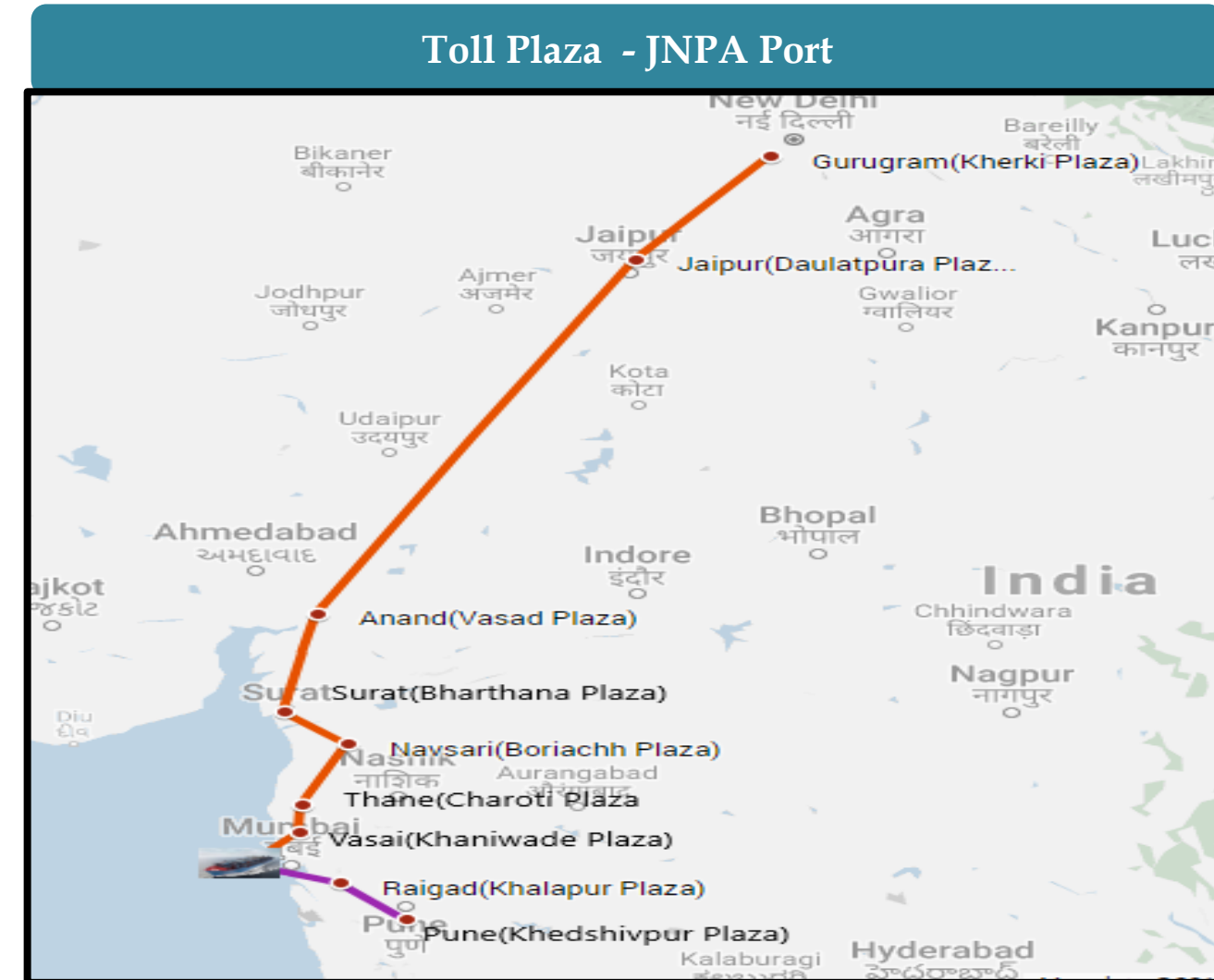
Region	Dec'23
Vadodra Route	29%
Ratlam Route	21%
Wardha Route	24%
Kota Route	9%
Bhopal Route	18%

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



## Avg. Speed between Toll to Toll Plazas

	Source	Destination Toll Plaza	Inter Distance (Km)	Nov'23 (in km/hrs)	Dec'23 (in km/hrs)
JNPA	JNPA	Khaniwade	94	14.7	13.0
	JNPA	Khalapur	60	-	13.7
	Khaniwade	Charoti	50	34.6	32.7
	Charoti	Boriach	126	20.3	22.0
	Boriach	Bharthan	142	35.3	32.5
	Bharthan	Vasad	60	36.0	29.7
	Khalalpur	Khedshivpur	105	30.4	25.9



# Export Cycle Analysis



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

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

## PORT EXPORT via TRAIN

**(19% 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

Port	Nov'23 (in hrs)	Dec'23 (in hrs)
NSFT	100.4	90.0
NSICT	21.1	24.7
GTI	90.5	102.3
NSIGT	101.0	94.9
BMCT	90.5	87.3

### Container Handled: Day wise (Dec'23)

Port Terminals	Within 0-24 hrs	Within 24-48 hrs	Within 48-72 hrs	Within 72-96 hrs	Within 96-144 hrs	More than 144 hrs
NSFT	3%	11%	18%	23%	20%	25%
NSICT	48%	13%	10%	8%	11%	9%
GTI	3%	11%	16%	14%	22%	33%
NSIGT	1%	13%	23%	14%	24%	25%
BMCT	2%	17%	18%	18%	23%	21%

## PORT EXPORT via TRUCK

**(81% 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

Port	Nov'23 (in hrs)	Dec'23 (in hrs)
NSFT	76.2	70.0
NSICT	59.5	60.0
GTI	66.4	70.1
NSIGT	82.5	75.4
BMCT	78.1	66.9

### Container Handled: Day wise (Dec'23)

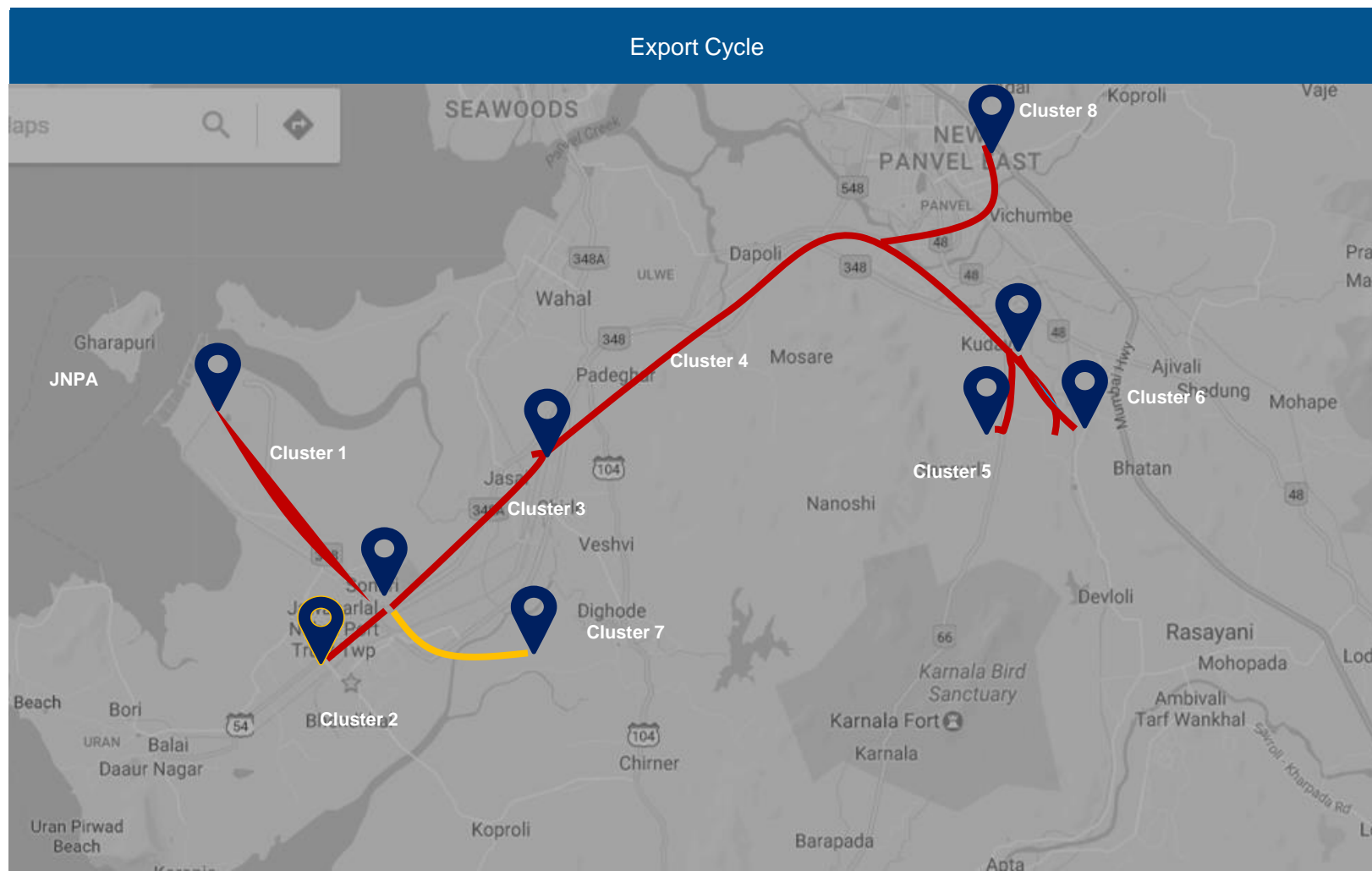
Port Terminals	Within 0-24 hrs	Within 24-48 hrs	Within 48-72 hrs	Within 72-96 hrs	Within 96-144 hrs	More than 144 hrs
NSFT	6%	17%	29%	25%	20%	2%
NSICT	12%	26%	23%	21%	16%	2%
GTI	4%	21%	27%	25%	22%	1%
NSIGT	4%	17%	26%	23%	28%	2%
BMCT	5%	22%	28%	26%	17%	1%

The below tables depict the detailed JNPA region port performance in the month of Dec'23

Port Dwell Time (in Hours) - Based on Transit Type				
Port Terminals	Direct Port Delivery (DPD) Containers	Containers bound for CFS	Empty Containers	Laden Containers
NSFT	78.6	68.0	66.4	78.8
NSICT	68.0	60.2	43.0	59.9
GTI	75.0	65.7	73.6	73.1
NSIGT	82.4	70.7	59.4	82.7
BMCT	-	62.1	64.2	75.6

# JNPA Region: Congestion Analysis (Export Cycle)

The Below map indicate congestion around JNPA region in Export Cycle in month of Dec'23



Serial	Cluster Name	Congestion
Cluster 1	JNPA area	High
Cluster 2	Bhendkhal area, khopate road	High
Cluster 3	Sonari area, JNPA road	High
Cluster 4	Chirle area, JNPA road	High
Cluster 5	Plaspa area, coach kanyakumari highway	High
Cluster 6	Salva apta rd area, bangalore highway	High
Cluster 7	Patilpada area, khopate JNPA road	Medium
Cluster 8	Taloja, navi mumbai	High

**Legends**

- █ High Congestion
- █ Medium Congestion
- █ Low Congestion
- ★ Cluster with bottleneck
- ★ Cluster without bottleneck

**GTI Terminal**

**Congestion Level**  
Export Cycle :- █

**NSFT Terminal**

**Congestion Level**  
Export Cycle :- █

**NSICT Terminal**

**Congestion Level**  
Export Cycle :- █

**NSIGT Terminal**

**Congestion Level**  
Export Cycle :- █

**BMCT Terminal**

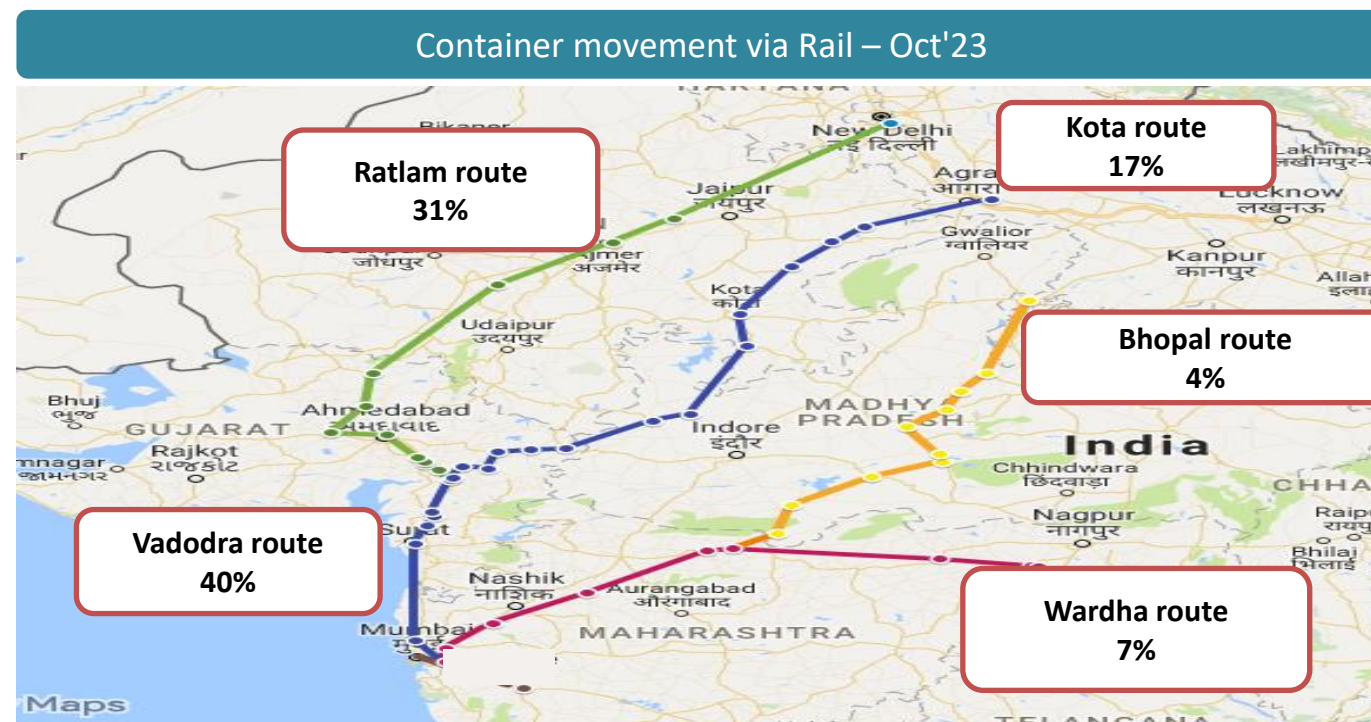
**Congestion Level**  
Export Cycle :- █

**Note:**

- 1) Congestion is measured w.r.t actual time taken to cover the respective distance between clusters and terminals
- 2) Analysis consist of CFS covered under LDB project

JNPA Port	
Route	Percentage of Container Movement
Vadodra Route	40%
Ratlam Route	31%
Wardha Route	7%
Kota Route	17%
Bhopal Route	4%

The map shows the volume wise container movement through different railway routes in export cycle for Dec'23



# CFS and ICD Performance

## JNPA region CFS : CFS DWELL TIME ANALYSIS

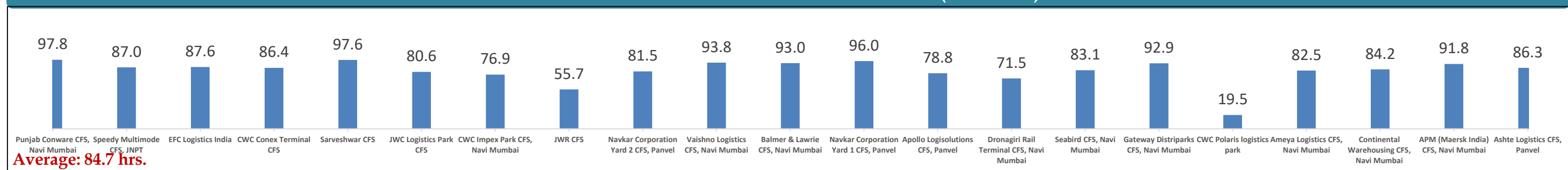
Below table and graphs show the dwell time of the respective CFSs for the month of Dec'23

**CFS Dwell Time (in hrs.)**

CFS	Nov'23 (in hrs)	Dec'23 (in hrs)
Punjab Conware CFS, Navi Mumbai	97.9	97.8
Speedy Multimode CFS, JNPT	87.5	87.0
EFC Logistics India	88.2	87.6
CWC Conex Terminal CFS	86.7	86.4
Sarveshwar CFS	84.0	97.6
JWC Logistics Park CFS	88.3	80.6
CWC Impex Park CFS, Navi Mumbai	93.6	76.9
JWR CFS	53.2	55.7
Navkar Corporation Yard 2 CFS, Panvel	96.2	81.5
Vaishno Logistics CFS, Navi Mumbai	106.3	93.8
Balmer & Lawrie CFS, Navi Mumbai	-	93.0

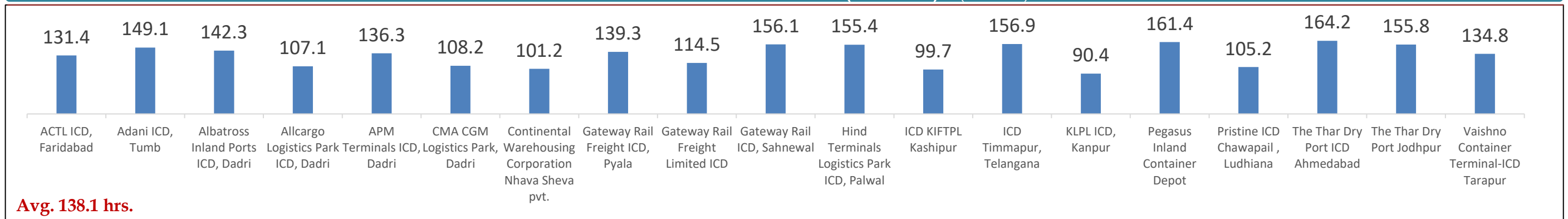
CFS	Nov'23 (in hrs)	Dec'23 (in hrs)
Navkar Corporation Yard 1 CFS, Panvel	121.5	96.0
Apollo Logisolutions CFS, Panvel	78.3	78.8
Dronagiri Rail Terminal CFS, Navi Mumbai	67.8	71.5
Seabird CFS, Navi Mumbai	84.2	83.1
Gateway Distriparks CFS, Navi Mumbai	89.1	92.9
CWC Polaris logistics park	14.9	19.5
Ameya Logistics CFS, Navi Mumbai	86.8	82.5
Continental Warehousing CFS, Navi Mumbai	-	84.2
APM (Maersk India) CFS, Navi Mumbai	94.1	91.8
Ashte Logistics CFS, Panvel	96.5	86.3

**CFS - DWELL OVERVIEW - DEC'23 ( IN HRS)**



ICD	Nov'23 (in hrs)	Dec'23 (in hrs)
ACTL ICD, Faridabad	103.2	131.4
Adani ICD, Tumb	135.7	149.1
Albatross Inland Ports ICD, Dadri	117.6	142.3
Allcargo Logistics Park ICD, Dadri	108.5	107.1
APM Terminals ICD, Dadri	101.5	136.3
CMA CGM Logistics Park, Dadri	104.7	108.2
Continental Warehousing Corporation Nhava Sheva pvt.	109.5	101.2
Gateway Rail Freight ICD, Pyala	140.3	139.3
Gateway Rail Freight Limited ICD	97.4	114.5
Gateway Rail ICD, Sahnewal	216.0	156.1
Hind Terminals Logistics Park ICD, Palwal	136.2	155.4
ICD KIFTPL Kashipur	112.2	99.7
ICD Timmapur, Telangana	129.5	156.9
KLPL ICD, Kanpur	94.8	90.4
Pegasus Inland Container Depot	148.7	161.4
Pristine ICD Chawapail, Ludhiana	107.8	105.2
The Thar Dry Port ICD Ahmedabad	144.0	164.2
The Thar Dry Port Jodhpur	151.7	155.8
Vaishno Container Terminal-ICD Tarapur	112.3	134.8

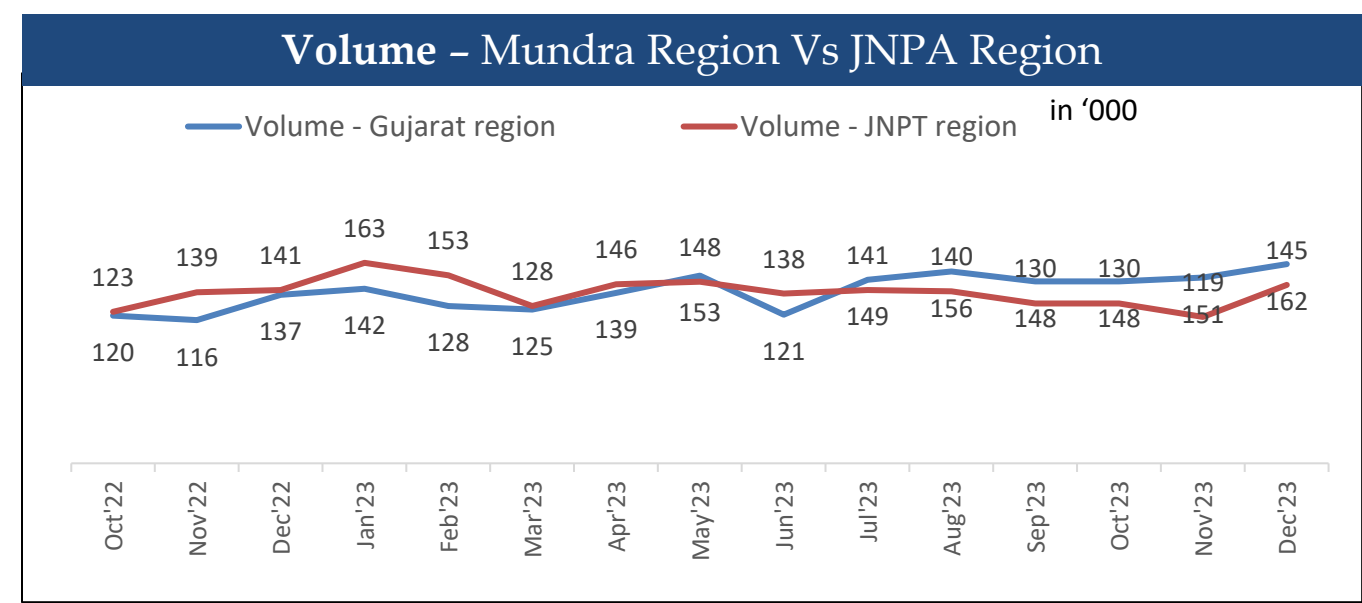
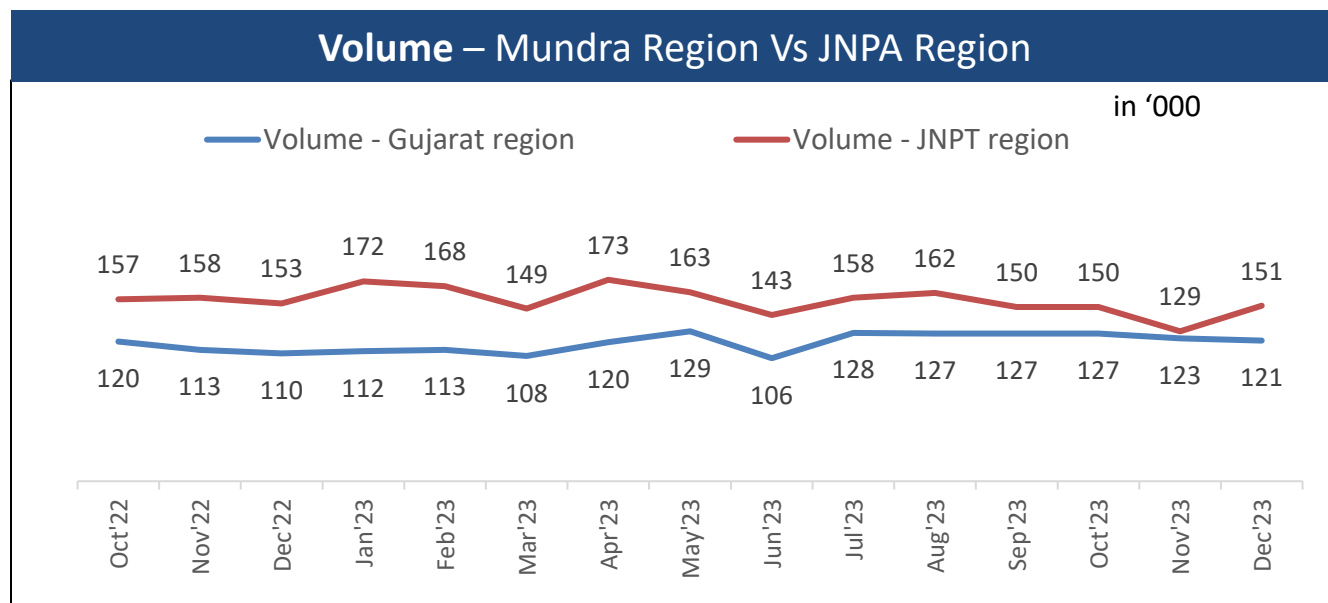
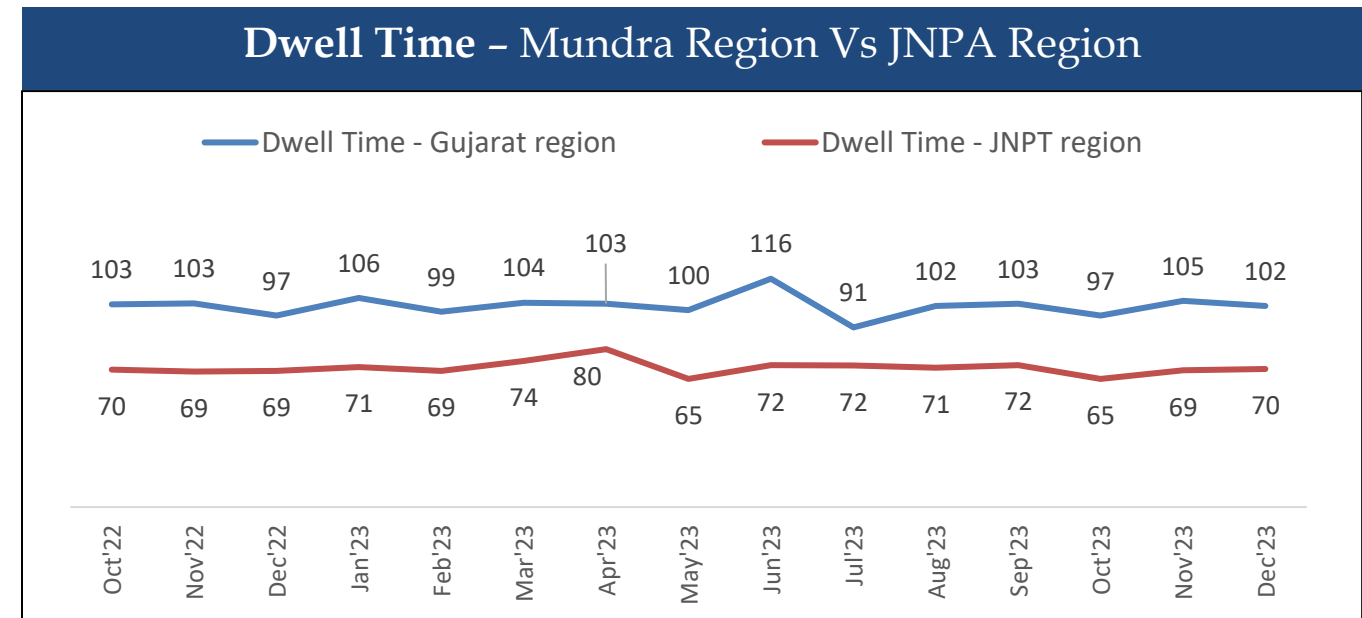
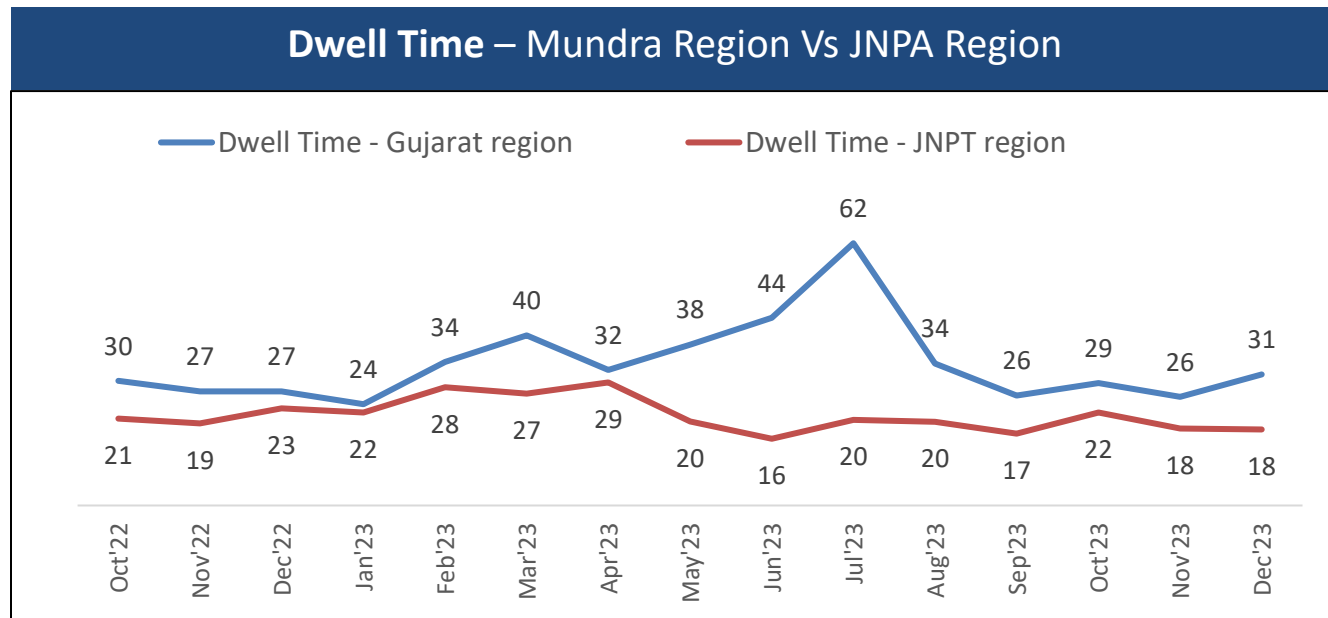
## ICD - DWELL OVERVIEW (DEC'23) (In Hrs)



# Trend Analysis



Container Volume and Dwell time of all the terminals in JNPA and Mundra Port has been analysed until Dec'23

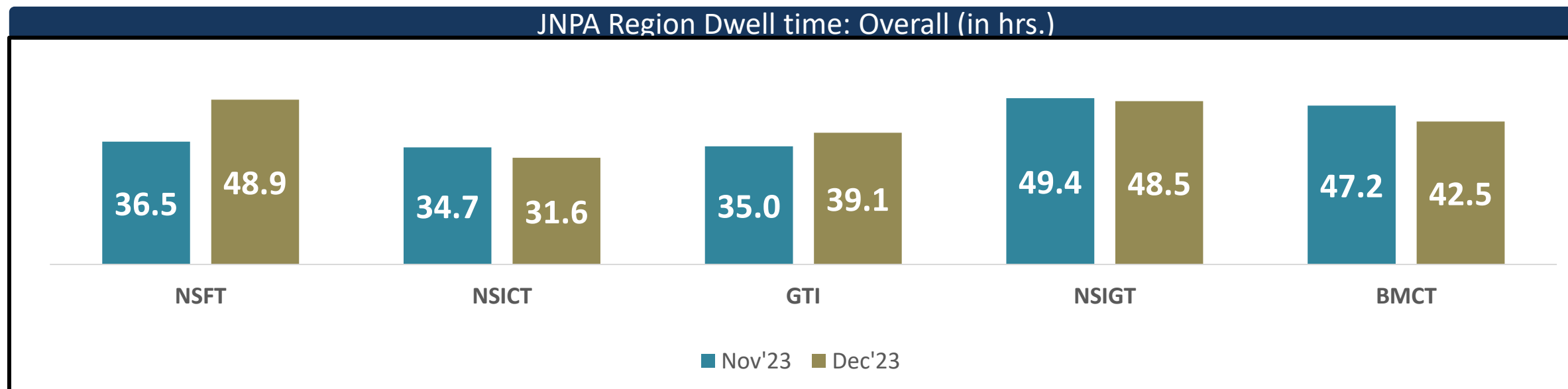


**In Import cycle**, for the month of Dec'23 Mundra port has catered 20.0% less volume than JNPA Port, and has performed with 70.1% higher dwell time than JNPA Port.

**In Export cycle**, for the month Dec'23 JNPA port catered 10% lower volume than Mundra Port, and has maintained 30.9% lower dwell time than Mundra Port

## JNPA port dwell time trend :

The below table 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



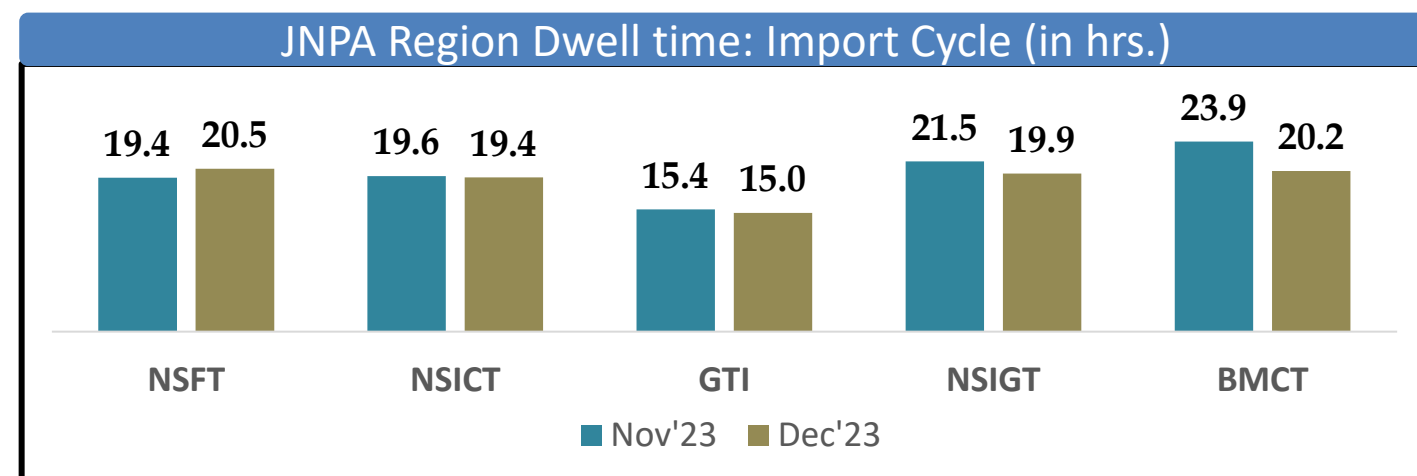
The overall JNPA region average dwell time for Dec'23 is **40.8 hrs.**

The below tables showcase the Import and Export cycle dwell time for both rail and truck bound containers for month of Dec'23



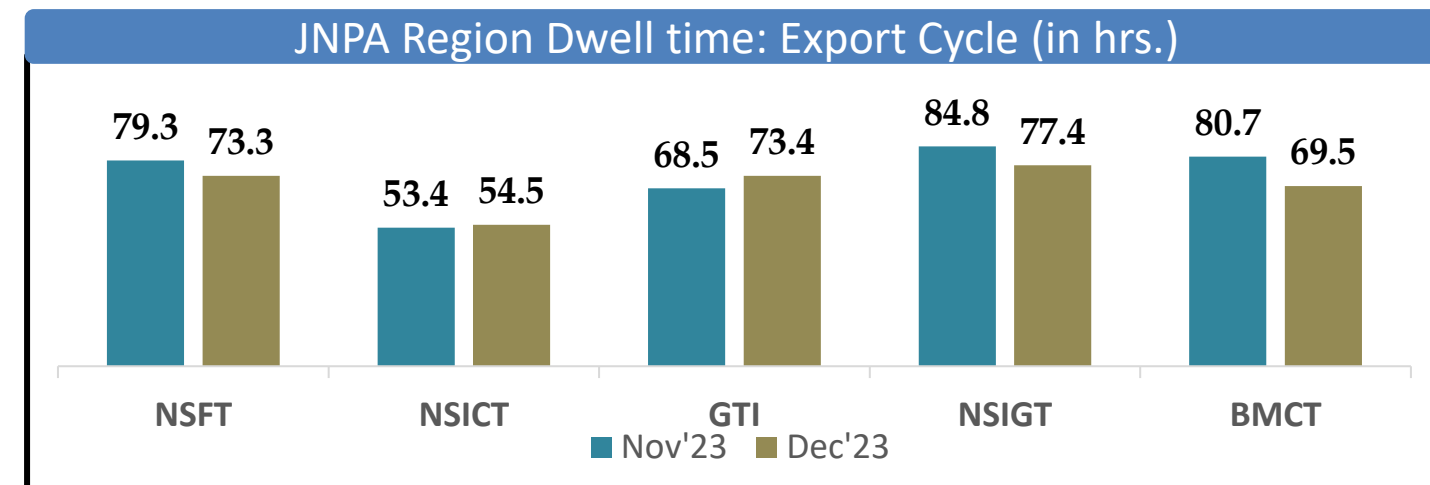
### JNPA Import cycle Trend

The average import cycle dwell time of JNPA region port terminals for Dec'23 is **18.4 hrs.**



### JNPA Export cycle Trend

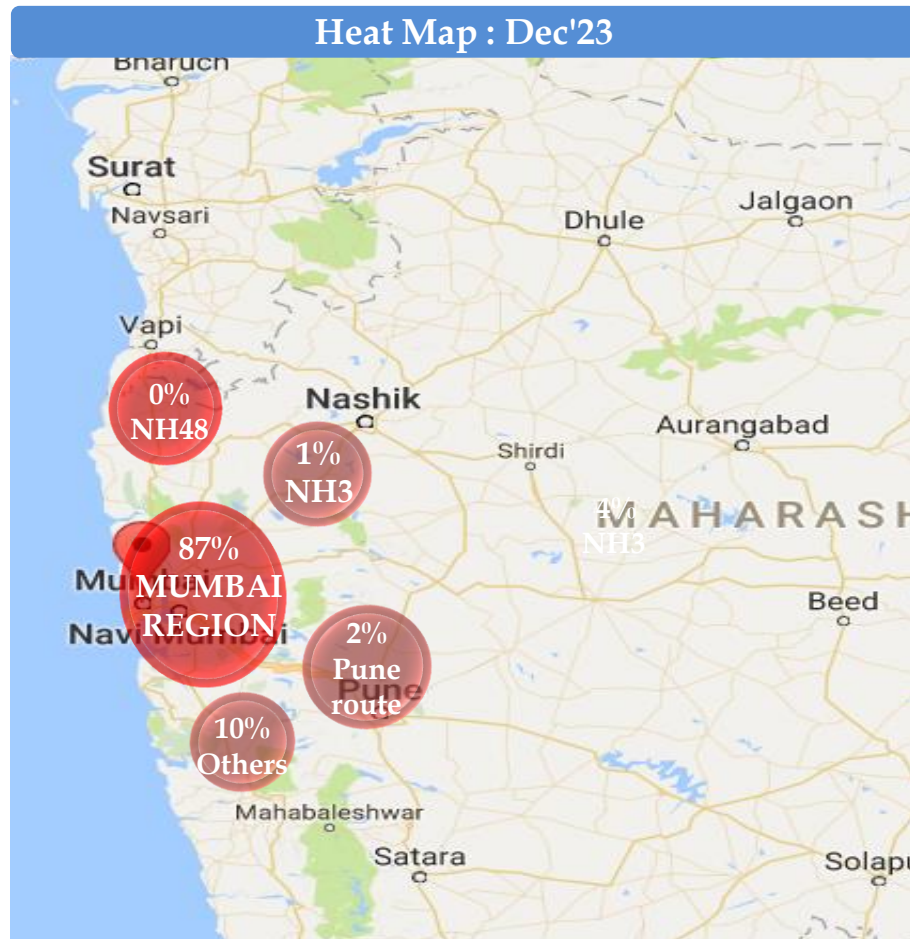
The average export cycle dwell time of JNPA region port terminals for Dec'23 is **70.4 hrs.**



# ANNEXURE

# Container movement around JNPA Port terminal region via Truck

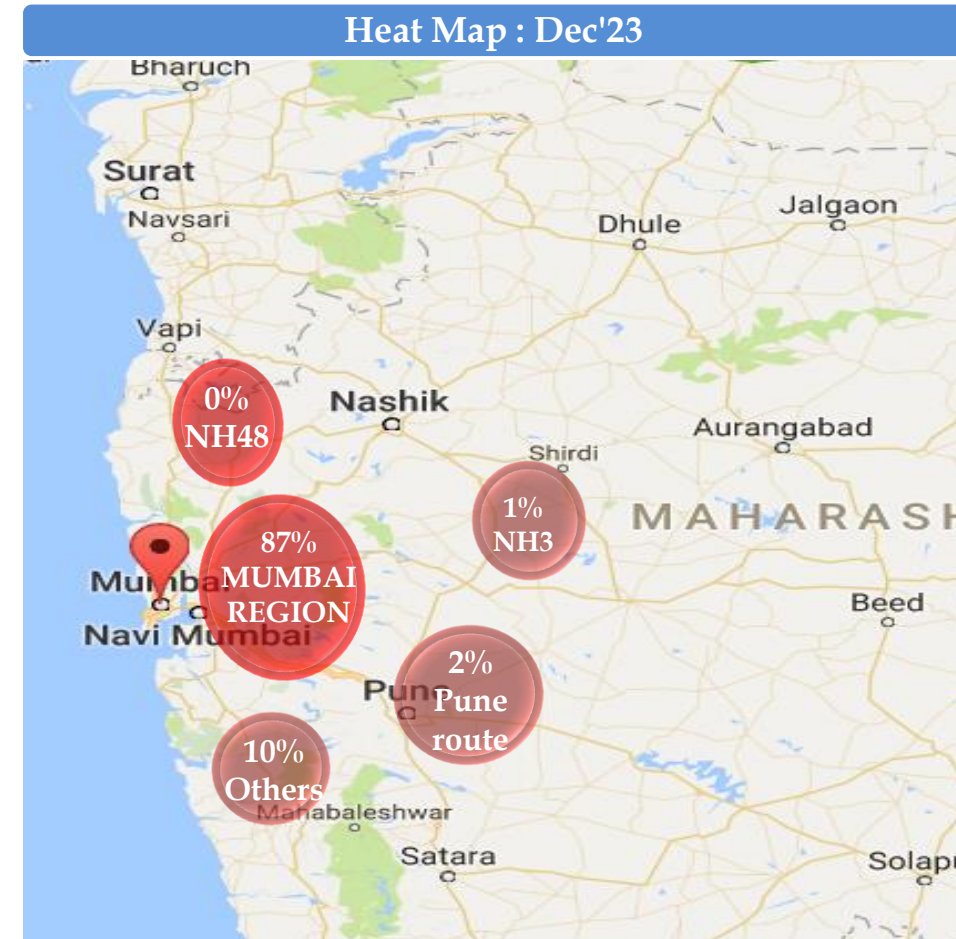
## HEAT MAP : GTI Port Terminal



Region	Nov'23	Dec'23
Mumbai region	83%	87%
NH3	1%	1%
Pune	2%	2%
NH48	4%	0%
others	10%	10%

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

## HEAT MAP : NSFT Port Terminal

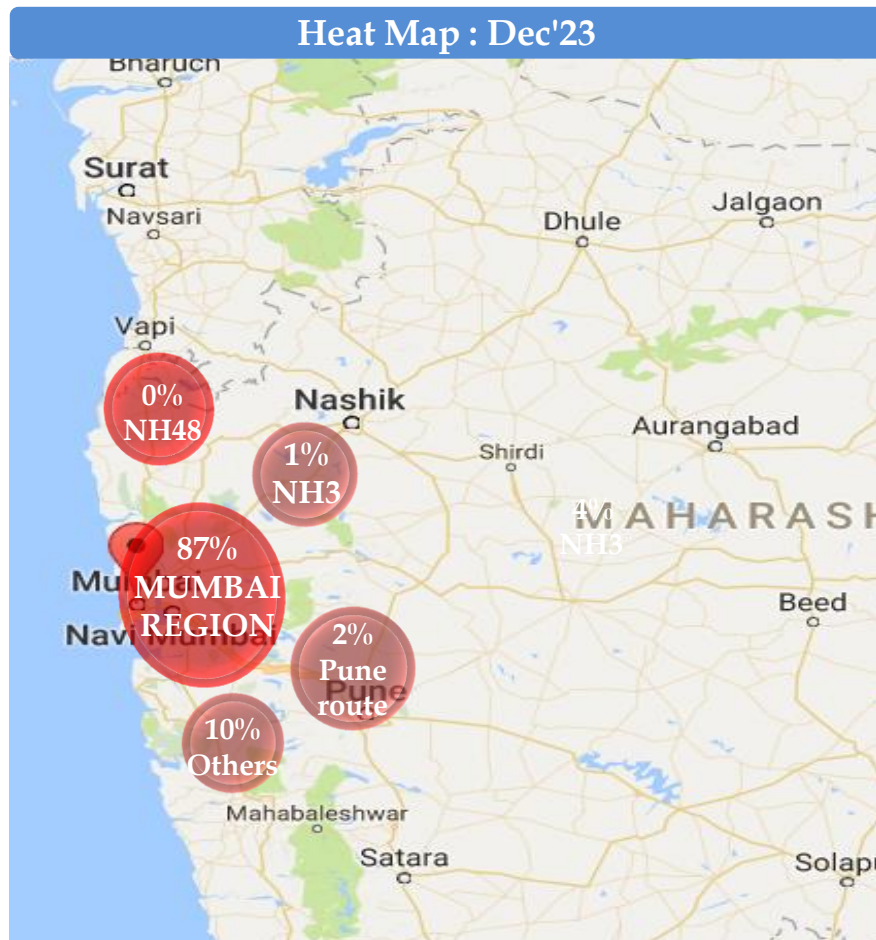


Region	Nov'23	Dec'23
Mumbai region	85%	87%
NH3	0%	1%
Pune	2%	2%
NH48	3%	0%
others	10%	10%

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

# Container movement around JNPA Port terminal region via Truck

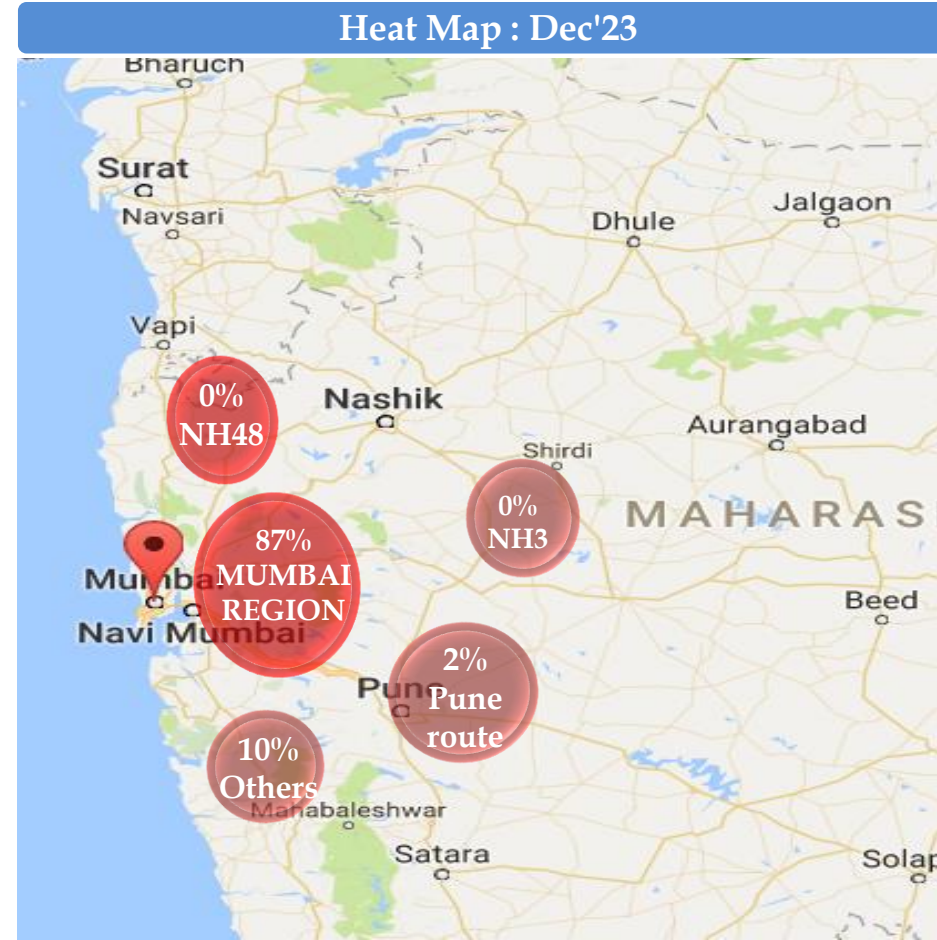
## HEAT MAP : NSIGT Port Terminal



Region	Nov'23	Dec'23
Mumbai region	85%	87%
NH3	0%	1%
Pune	1%	2%
NH48	3%	0%
others	10%	10%

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

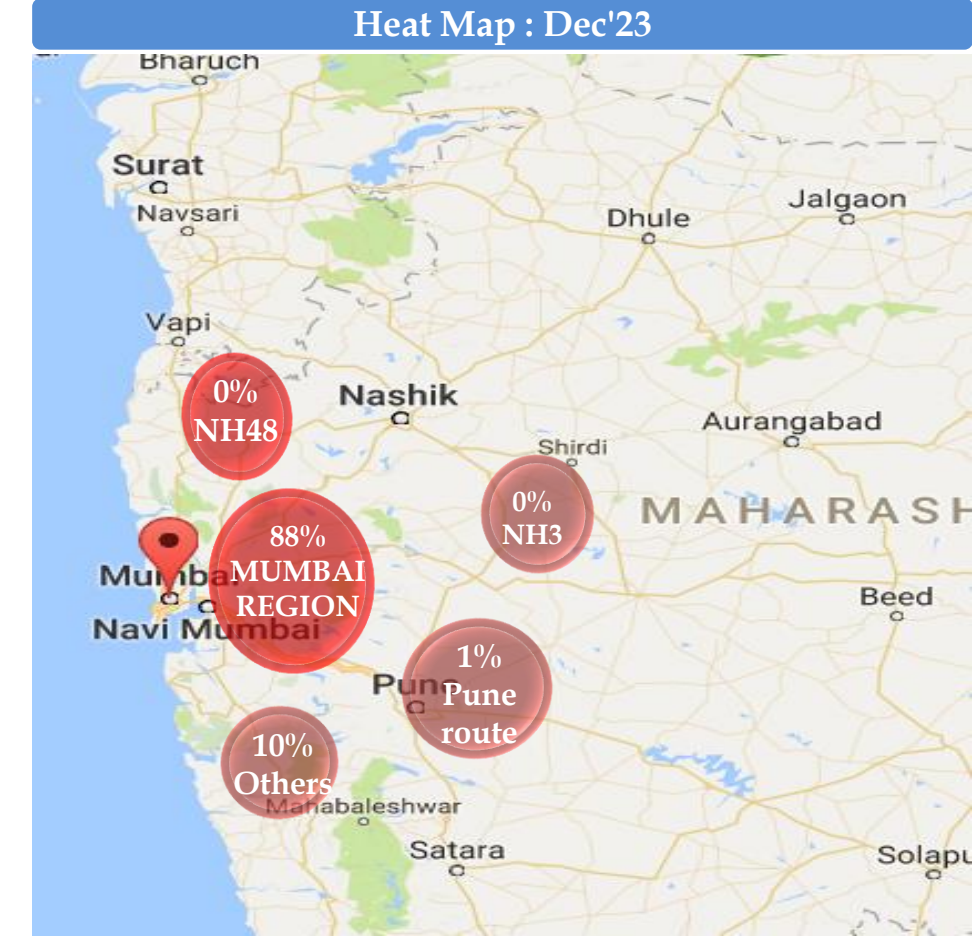
## HEAT MAP : NSICT Port Terminal



Region	Nov'23	Dec'23
Mumbai region	85%	87%
NH3	0%	0%
Pune	2%	2%
NH48	3%	0%
others	10%	10%

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

## HEAT MAP : BMCT Port Terminal



Region	Nov'23	Dec'23
Mumbai region	32%	88%
NH3	4%	0%
Pune	14%	1%
NH48	40%	0%
others	10%	10%

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

# CFS Delivery Time Analysis – All CFS in Mumbai to JNPA Port

Below table shows the delivery time in export cycle from the CFS's to PORT terminals

## CFS Out - Port In (Export Cycle) - Dec'23 (in hrs)

CFS	NSFT	GTI	NSICT	NSIGT	BMCT
AllCargo Logistics	-	2.9	2.4	4.0	4.1
Ameya Logistics CFS, Navi Mumbai	2.4	2.7	3.5	3.4	6.8
APM (Maersk India) CFS, Navi Mumbai	4.3	1.6	6.3	4.9	5.6
Apollo Logisolutions CFS, Panvel	4.9	4.5	3.6	2.4	6.6
Ashte Logistics CFS, Panvel	2.5	6.2	6.2	3.9	7.2
Balmer & Lawrie CFS, Navi Mumbai	-	1.9	6.8	8.2	5.4
Continental Warehousing CFS, Navi Mumbai	-	3.3	2.2	2.2	6.3
Dronagiri Rail Terminal CFS, Navi Mumbai	1.5	2.0	1.8	3.0	5.0
Gateway Distriparks CFS, Navi Mumbai	-	2.4	5.3	3.0	4.2
International Cargo Terminal CFS	-	-	6.1	4.3	3.5
International Cargo Terminals (ULA) CFS, Navi Mumbai	-	40.4	17.8	2.4	-
JWC Logistics Park CFS	-	2.6	5.7	3.9	7.1
Kerry Indev Logistics Pvt Ltd CFS	-	3.6	5.2	2.6	7.0
Navkar Corporation Yard 2 CFS, Panvel	1.6	2.4	5.0	5.0	7.8
Navkar Corporation Yard 3 CFS, Panvel	-	3.2	2.2	1.9	4.5
Ocean Gate CFS, Panvel	-	1.9	1.8	2.1	4.7
Punjab Conware CFS, Navi Mumbai	1.2	2.4	4.6	3.8	5.8
SBW Logistics CFS, Navi Mumbai	-	5.6	13.2	-	11.2
Seabird CFS, Navi Mumbai	2.3	10.5	2.0	3.9	4.7
Speedy Multimode CFS, JNPT	1.5	2.0	2.8	3.8	4.8
Vaishno Logistics CFS, Navi Mumbai	2.6	3.4	5.9	4.6	6.2

# CFS Delivery Time Analysis – JNPA Terminals to CFS

Below table shows the delivery time in import cycle from the PORT terminals to CFS's

## Port Out – CFS In (Import Cycle) – Dec'23 (in hrs)

CFS	NSFT	GTI	NSICT	NSIGT	BMCT
AllCargo Logistics	3.0	3.9	4.3	2.9	2.9
Ameya Logistics CFS, Navi Mumbai	2.3	2.5	2.2	2.0	2.1
APM (Maersk India) CFS, Navi Mumbai	1.7	1.6	1.6	3.3	1.9
Apollo Logisolutions CFS, Panvel	2.9	3.0	3.5	3.1	3.0
Ashte Logistics CFS, Panvel	2.5	7.2	2.1	3.1	2.3
Balmer & Lawrie CFS, Navi Mumbai	1.7	2.0	1.7	1.9	1.8
Continental Warehousing CFS, Navi Mumbai	2.0	1.8	1.6	1.5	1.5
Dronagiri Rail Terminal CFS, Navi Mumbai	2.4	4.6	13.5	7.3	1.7
Gateway Distriparks CFS, Navi Mumbai	1.9	2.2	2.1	1.9	1.8
International Cargo Terminal CFS	3.2	2.9	2.0	3.0	2.1
International Cargo Terminals (ULA) CFS, Navi Mumbai	2.1	2.1	2.0	1.8	1.8
JWC Logistics Park CFS	2.3	2.2	2.0	2.0	2.0
Kerry Indev Logistics Pvt Ltd CFS	5.2	3.7	3.2	3.3	4.4
Maersk Annex (APM)CFS, Navi Mumbai	-	2.3	2.6	-	-
Maharashtra State Corp CFS	1.9	2.7	2.6	2.4	1.7
Navkar Corporation Yard 1 CFS, Panvel	2.0	3.0	2.7	2.6	3.0
Navkar Corporation Yard 2 CFS, Panvel	2.2	2.8	2.9	2.4	2.7
Navkar Corporation Yard 3 CFS, Panvel	2.6	2.6	2.8	2.9	2.7
Ocean Gate CFS, Panvel	2.3	2.7	2.9	2.4	2.4
Punjab Conware CFS, Navi Mumbai	2.6	2.2	2.0	1.9	1.7
SBW Logistics CFS, Navi Mumbai	5.0	3.5	4.4	3.8	3.5
Seabird CFS, Navi Mumbai	2.7	4.0	3.4	4.4	3.1
Speedy Multimode CFS, JNPT	1.3	1.6	1.5	1.7	1.5
Vaishno Logistics CFS, Navi Mumbai	2.5	2.7	2.4	3.3	1.6

Base on container movement from port to CFS in Mumbai region, All the CFS's have been grouped into 8 Clusters on the basis of their vicinity. Below table shows all the clusters and the relevant data for GTI and NSFT terminal

## CFS Cluster : GTI Terminal

GTI terminal for month of Dec'23				
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	1.6	2.0
Cluster 2	6	13	2.1	-
Cluster 3	6	11	3.3	-
Cluster 4	1	13	2.7	3.4
Cluster 5	2	25	2.4	2.2
Cluster 6	6	25	3.0	3.6
Cluster 7	4	12	2.5	2.9
Cluster 8	1	34	3.5	5.6

## CFS Cluster : NSFT Terminal

NSFT terminal for month of Dec'23				
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	1.3	1.5
Cluster 2	6	13	-	-
Cluster 3	6	11	2.5	-
Cluster 4	1	13	2.5	2.6
Cluster 5	2	25	2.3	-
Cluster 6	6	25	2.6	-
Cluster 7	4	12	2.3	-
Cluster 8	1	34	5.0	-

Export container usually aren't allowed in the port before the arrival of their respective vessel so this unplanned transportation of the export containers from the CFS's to Port can cause **bottlenecks**



Base on container movement from port to CFS in Mumbai region, All the CFS's have been grouped into 8 Clusters on the basis of their vicinity. Below table shows all the clusters and the relevant data for NSICT, NSIGT and BMCT terminal

## CFS Cluster : NSICT Terminal

## CFS Cluster : NSIGT Terminal

## CFS Cluster : BMCT Terminal

NSICT terminal for month of Dec'23

NSIGT terminal for month of Dec'23

BMCT terminal for month of Dec'23

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	2.8
Cluster 2	6	13	2.0	6.3
Cluster 3	6	11	3.0	-
Cluster 4	1	13	2.4	5.9
Cluster 5	2	25	2.5	3.7
Cluster 6	6	25	2.9	5.0
Cluster 7	4	12	2.2	2.4
Cluster 8	1	34	4.4	13.2

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	-	4.3
Cluster 3	6	11	2.0	-
Cluster 4	1	13	3.3	4.6
Cluster 5	2	25	2.2	3.0
Cluster 6	6	25	3.0	2.6
Cluster 7	4	12	2.0	3.4
Cluster 8	1	34	3.8	-

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	4.8
Cluster 2	6	13	-	-
Cluster 3	6	11	2.0	-
Cluster 4	1	13	1.6	6.2
Cluster 5	2	25	2.2	5.9
Cluster 6	6	25	2.8	7.0
Cluster 7	4	12	2.1	6.3
Cluster 8	1	34	3.5	-

Export container usually aren't allowed in the port before the arrival of their respective vessel so this unplanned transportation of the export containers from the CFS's to Port can cause **bottlenecks**

# JNPA Region : Destination-wise Dwell Time – Import

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

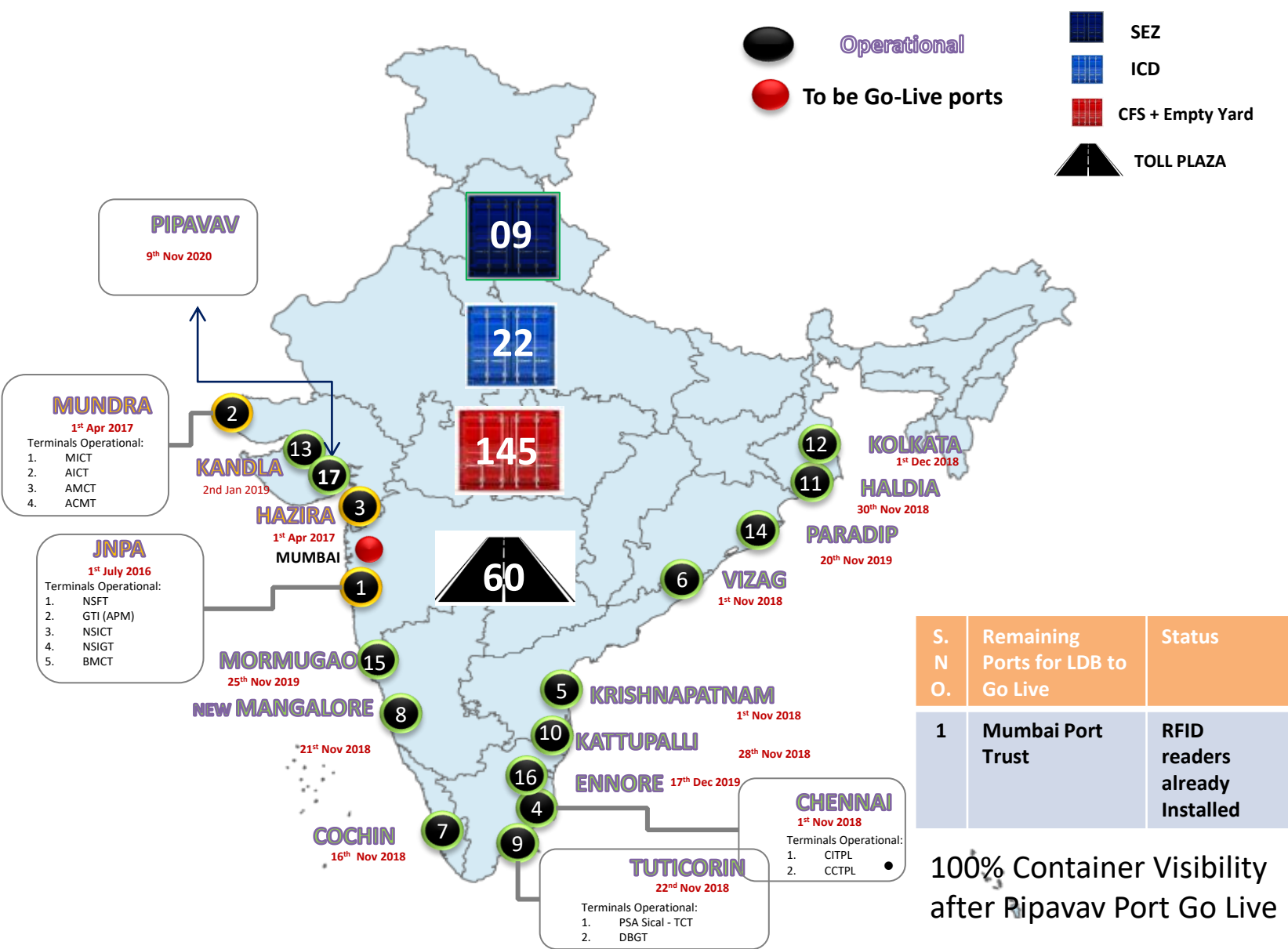
## Destination-wise Dwell Time (in hrs) – Train

City	BMCT	GTI	NSFT	NSIGT	NSICT	Overall
Agra	80.2	64.2	73.6	73.6	-	72.3
Ankaleshwar	80.0	55.0	58.0	58.0	-	68.2
Ballabgarh	362.3	101.8	-	-	172.3	361.8
Bangalore	-	100.5	-	-	-	100.5
Boisar	131.0	-	142.4	142.4	113.9	126.6
Dadri	53.1	-	47.8	47.8	32.3	47.8
Daulatabad	106.2	66.5	80.6	80.6	49.6	79.5
Faridabad	159.7	211.6	190.0	190.0	147.5	163.3
Guhati	301.7	166.8	283.0	283.0	232.1	214.8
Indore	48.2	-	93.7	93.7	62.0	80.0
Jaipur	52.8	29.0	61.3	61.3	66.0	50.9
Kanpur	73.4	53.5	83.2	83.2	30.9	64.0
Khatuwas	-	28.2	-	-	-	28.2
Khodiyar	63.1	58.7	96.0	96.0	161.9	63.1
Ludhiana	41.8	37.4	-	-	108.7	41.7
Malanpur	43.2	76.8	90.8	90.8	18.6	37.0
Mandideep	48.9	-	20.5	20.5	7.5	25.8
Moradabad	45.9	38.5	46.6	46.6	89.4	46.2
Nagpur	49.4	107.9	39.8	39.8	36.4	46.7
Navi Mumbai	17.2	17.9	15.1	15.1	15.4	16.6
Patparganj	125.3	44.5	24.7	24.7	-	49.3
Raipur	-	-	87.3	87.3	-	87.3
Sanatnagar	39.2	-	47.6	47.6	-	42.0
Thimmapur	92.9	-	110.4	110.4	57.2	97.9
Tughlakabad	42.4	-	59.3	59.3	43.9	46.4
Umbergaon	-	-	8633.0	8633.0	-	8633.0

The below tables depict 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

CFS	BMCT	GTI	NSFT	NSIGT	NSICT	Overall
AllCargo Logistics	16.6	-	12.4	12.4	14.7	15.5
Ameya Logistics CFS, Navi Mumbai	16.2	-	16.7	16.7	18.8	16.8
APM (Maersk India) CFS, Navi Mumbai	16.4	15.2	9.8	9.8	15.1	15.4
Apollo Logisolutions CFS, Panvel	15.4	14.5	21.8	21.8	24.3	16.0
Ashte Logistics CFS, Panvel	12.7	8.8	12.0	12.0	9.5	10.3
Balmer & Lawrie CFS, Navi Mumbai	16.8	14.3	14.5	14.5	12.9	14.6
Continental Warehousing CFS, Navi Mumbai	13.7	12.0	16.8	16.8	21.8	13.5
CWC Impex Park	14.9	11.6	19.1	19.1	15.3	14.1
Dronagiri Rail Terminal CFS, Navi Mumbai	28.7	17.9	15.3	15.3	-	22.0
EFC Logistics	15.7	13.0	15.7	15.7	19.2	14.8
Gateway Distriparks CFS, Navi Mumbai	15.1	12.2	13.2	13.2	15.2	13.8
International Cargo Terminals (ULA) CFS, Navi Mumbai	-	-	15.3	15.3	18.1	16.5
JWC Logistics Park CFS	16.0	11.1	14.4	14.4	14.1	13.5
Kerry Indev Logistics Pvt Ltd CFS	17.0	11.1	18.1	18.1	19.6	14.2
Maharashtra State Corp CFS	17.0	10.6	16.4	16.4	20.1	15.5
Navkar Corporation	16.9	13.1	14.7	14.7	17.8	15.0
Ocean Gate CFS, Panvel	14.3	11.4	14.7	14.7	15.1	13.2
Sarveshwar Logistics	11.1	9.4	11.5	11.5	13.1	10.8
SBW Logistics CFS, Navi Mumbai	32.3	-	23.7	23.7	-	32.2
Seabird CFS, Navi Mumbai	19.9	-	19.1	19.1	21.6	20.3
Speedy Multimode CFS, JNPT	13.8	-	14.6	14.6	12.8	13.8
Take Care Logistics	12.0	11.8	17.8	17.8	17.9	14.2
TG Terminals	20.4	-	19.1	19.1	15.7	18.6
Vaishno Logistics CFS, Navi Mumbai	20.4	18.4	17.2	17.2	23.5	19.7



S. N O.	Remaining Ports for LDB to Go Live	Status
1	Mumbai Port Trust	RFID readers already Installed

100% Container Visibility after Pipavav Port Go Live

- More than about 42 million EXIM containers covered till date.(2021.11.28)

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 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

**Cluster 8**  
SBW

## List of CFS name used in CFS Performance Index

1	Adani CFS Eximyard, Mundra	18	Navkar Corporation Yard 2 CFS, Panvel
2	Saurashtra CFS, Mundra	19	Vaishno Logistics CFS, Navi Mumbai
3	Punjab Conware CFS, Navi Mumbai	20	Balmer & Lawrie CFS, Navi Mumbai
4	TG Terminals CFS, Mundra	21	Navkar Corporation Yard 1 CFS, Panvel
5	Speedy Multimode CFS, JNPT	22	Apollo Logisolutions CFS, Panvel
6	Honey Comb CFS, Mundra	23	Dronagiri Rail Terminal CFS, Navi Mumbai
7	CWC CFS, Mundra	24	Seabird CFS, Navi Mumbai
8	EFC Logistics India	25	Gateway Distriparks CFS, Navi Mumbai
9	CWC Conex Terminal CFS	26	Rishi CFS, Mundra
10	Seabird CFS, Mundra	27	Hind Terminal CFS, Hazira
11	MICT CFS, Mundra	28	CWC Polaris logistics park
12	Sarveshwar CFS	29	Contrans Logistic CFS, Pipavav
13	Landmark CFS, Mundra	30	Ameya Logistics CFS, Navi Mumbai
14	JWC Logistics Park CFS	31	Continental Warehousing CFS, Navi Mumbai
15	LCL Logistics CFS, Pipavav	32	APM (Maersk India) CFS, Navi Mumbai
16	CWC Impex Park CFS, Navi Mumbai	33	Ashte Logistics CFS, Panvel
17	JWR CFS	34	Empezar Logistics CFS



**THANK YOU**