

## Terminal wise Dwell Time Performance - Snapshot

Import Cycle			Export Cycle		
Port	Oct'21 (in hrs)	Nov'21 (in hrs)	Port	Oct'21 (in hrs)	Nov'21 (in hrs)
JNPCT	34.17	39.67	JNPCT	76.03	77.05
NSICT	19.93	21.65	NSICT	58.95	55.05
GTI	18.47	19.38	GTI	77.67	83.52
NSIGT	20.88	21.67	NSIGT	84.20	89.17
BMCT/PSA	21.57	22.10	BMCT/PSA	60.43	64.85

## Critical Incident Summary

### Jawaharlal Nehru Port Terminals

- Container handling performance for both Import and Export Cycle has deteriorated as compared to last month.
- Container handling performance at CFS has improved and ICD has deteriorated as compared to last month.

Month	Import Cycle - Dwell Time	Export Cycle - Dwell Time	CFS Dwell Time	ICD
Nov'21	22.7 hrs	77.8 hrs	86.9 hrs	118.8 hrs
Oct'21	21.3 hrs	75.5 hrs	87.7 hrs	114.4 hrs

## Port Dwell Time

IMPORT

Mode	Oct'21 (in hrs)	Nov'21 (in hrs)
Overall	24.5	26.0
Truck	19.8	20.2
Train	60.0	75.9

EXPORT

Mode	Oct'21 (in hrs)	Nov'21 (in hrs)
Overall	92.5	93.9
Truck	88.3	88.1
Train	116.7	125.1

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





Inland  
Container  
Depot (ICD)



Container  
Freight  
Stations (CFS)

Entity	Oct'21 (in hrs)	Nov'21 (in hrs)
CFS	88.8	89.0
ICD	114.4	118.8

 The marked entries showcase increase in performance in comparison to Oct'21

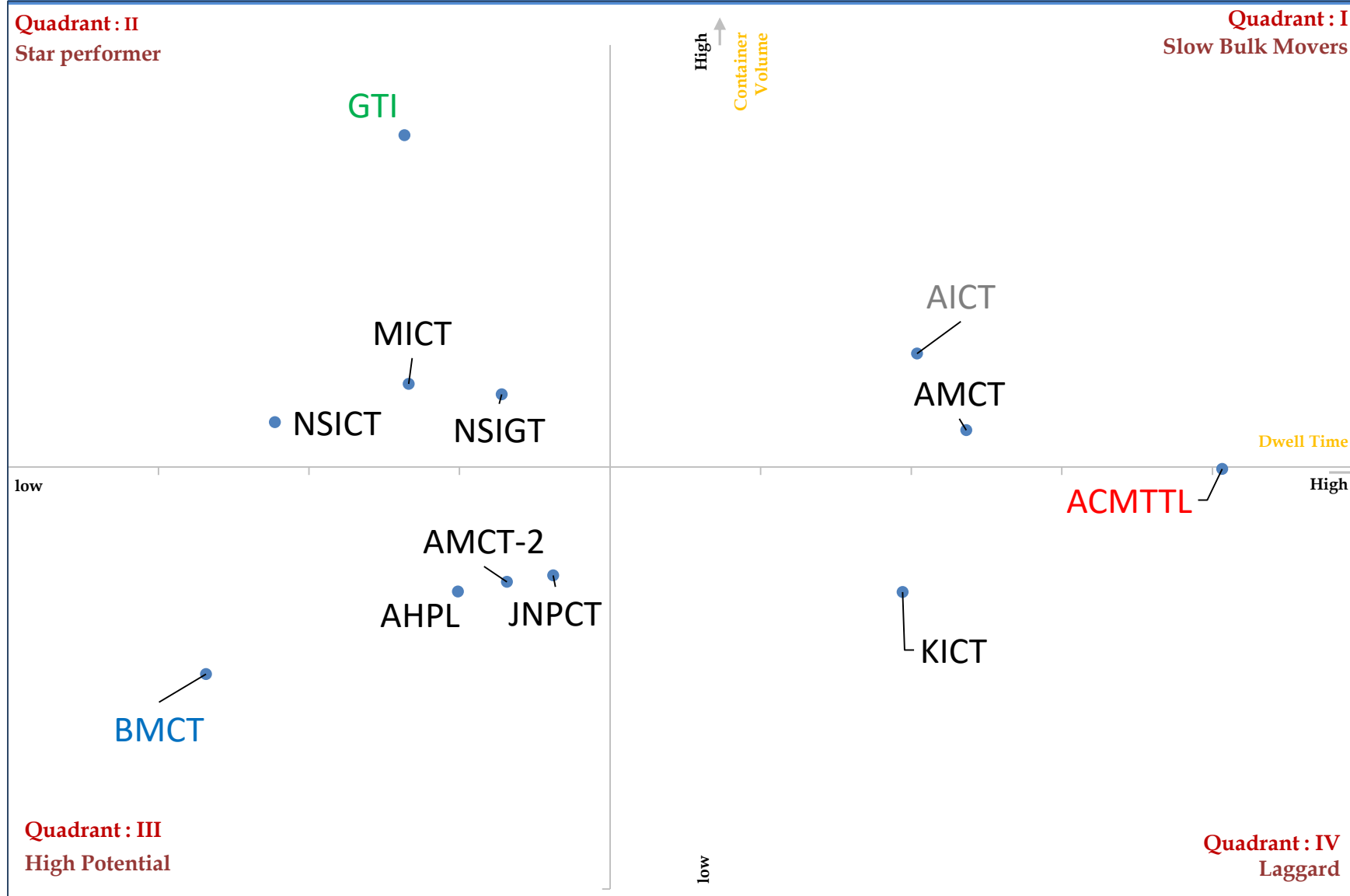
 The marked entries showcase decrease in performance in comparison to Oct'21



## Performance Benchmarking - Port Terminals

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

### Port Terminal Performance Index - Nov'21



Performance benchmarking for Port Terminals covered under LDB project for Nov'21

#### Top Performing Terminal

##### Gateway Terminals India (GTI)

Oct'21	Nov'21
43.2 Hrs	44.2 Hrs.



#### Low Performing Terminal

##### Adani CMA Mundra Terminal (ACMTPL)

Oct'21	Nov'21
84.5 Hrs	104.8 Hrs



Note: The performance benchmarking is based on performance index



The arrows depict increase/decrease in overall performance of the stakeholders in comparison to Oct'21

#### Performance Index- Summary

In order to assess the relative performance of various entities like Port terminals, CFS(s) and ICD(s), the relative Dwell time as well as the volume of containers handled by them are depicted graphically in the form of an index to portray the performance of a particular organisation on the basis of these two combined factors i.e. Dwell time and Volume

**Star Performer:** consist of entities which have catered relatively high container volume in lower dwell time

**Slow Bulk Movers :** consist of entities which have catered higher container volume at higher dwell time

**High Potential :** consist of entities which have catered relatively lower container volume in lower dwell time

**Laggard :** consist of entities which have catered relatively lower container volume at higher dwell time

## Container Lifecycle (Import Cycle)

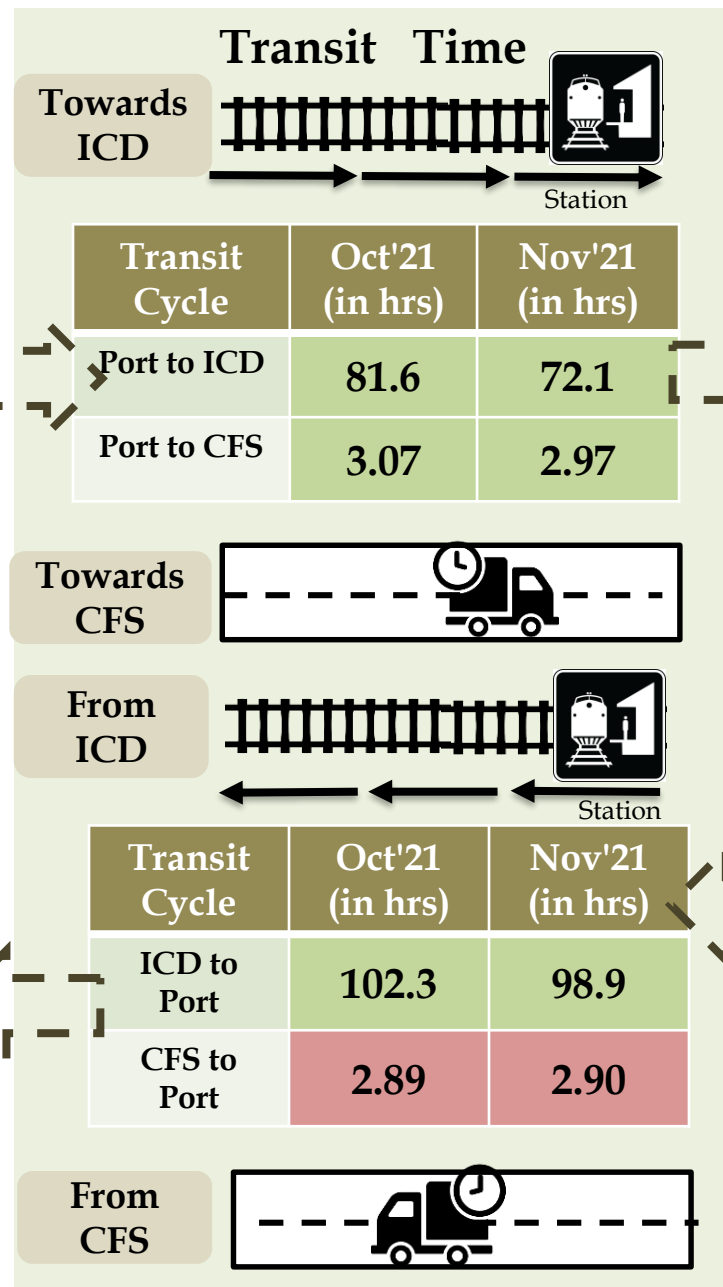
**IMPORT**

### Port Dwell Time

Mode	Oct'21 (in hrs)	Nov'21 (in hrs)
Overall	21.3	22.7
Truck	19.3	19.6
Train	37.4	52.2

**EXPORT**

Mode	Oct'21 (in hrs)	Nov'21 (in hrs)
Overall	75.5	77.8
Truck	75.3	77.0
Train	77.0	84.1



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

Entity	Oct'21 (in hrs)	Nov'21 (in hrs)
CFS	87.7	86.9
ICD	114.4	118.8

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

	Truck	Rail
Import	83%	17%
Export	80%	20%

The marked entries showcase the increase in performance as compared to Oct'21

The marked entries showcase the decrease in performance as compared to Oct'21

## Container Lifecycle (Export Cycle)

# Container Transportation- JNPT Port Terminals

%IMPORT CYCLE DWELL TIME (Nov'21 - in hrs)			Compared to Oct'21
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	22.7	7% ↓
	Port Dwell Time for Truck Bound Containers	19.6	2% ↓
	Port Dwell time for Train Bound Containers	52.2	40% ↓
	Port Dwell time Direct Port Delivery (DPD) containers	40.4	9% ↑
	Port Dwell time Containers bound for CFS	17.6	5% ↑
	Port Dwell for Empty Containers	26.5	1% ↑
	Port Dwell for Laden Containers	21.7	8% ↓
TRANSIT TIME	Port to ICD	72.1	12% ↑
	Port to CFS	2.97	3% ↑

EXPORT CYCLE DWELL TIME (Nov'21- in hrs)			Compared to Oct'21
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	77.8	3% ↓
	Port Dwell Time for Truck Bound Containers	77.0	2% ↓
	Port Dwell time for Train Bound Containers	84.1	9% ↓
	Port Dwell time Direct Port Entry (DPE) containers	81.1	2% ↓
	Port Dwell time Containers bound from CFS	77.8	4% ↓
	Port Dwell for Empty Containers	70.7	5% ↓
	Port Dwell for Laden Containers	79.9	3% ↓
TRANSIT TIME	ICD to Port	98.9	3% ↑
	CFS to Port	2.90	0.3% ↓

↑↓ The arrows depict increase/decrease in performance of the stakeholders in comparison to Oct'21

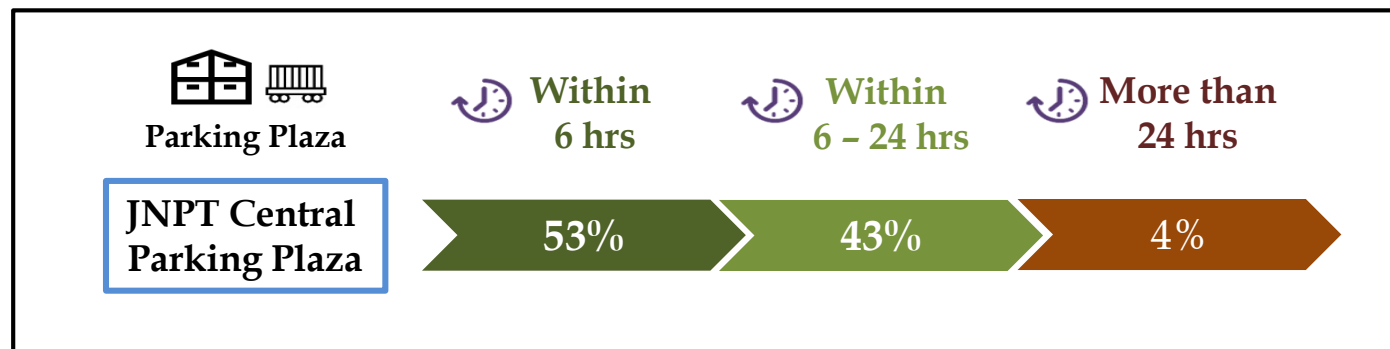
The below table depicts the Parking Plaza & Parking Plaza to Port Transit Performance at JNPT Port Terminals and their volume bifurcation in export cycle



## Parking Plaza Gate In - Gate Out

Mode	Oct'21 (in hrs)	Nov'21 (in hrs)
Overall Parking Plaza	6.13	5.67

## Container Handled: Day wise (Nov'21)

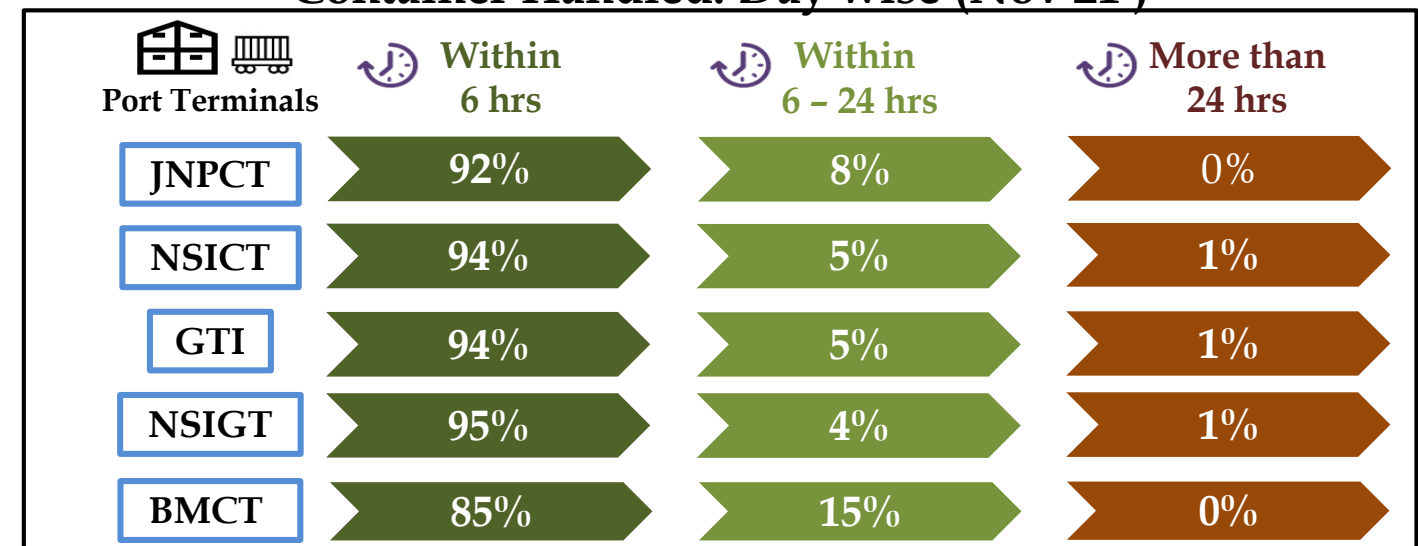


## Parking Plaza Gate Out - Terminal In

Mode	Oct'21 (in hrs)	Nov'21 (in hrs)
Overall Parking Plaza to JNPT Port	1.20	1.17

Port	Oct'21 (in hrs)	Nov'21 (in hrs)
JNPCT	1.4	1.7
NSICT	0.9	1.0
GTI	1.1	1.1
NSIGT	1.3	1.0
BMCT	2.6	2.6

## Container Handled: Day wise (Nov'21)





## Performance Benchmarking



### Top Performing CFS

AllCargo Logistics	
Oct'21	Nov'21
77.8 hrs	82.8 hrs

### Low Performing CFS

A V Joshi CFS	
Oct'21	Nov'21
120.0 hrs	119.8 hrs

Note: The performance benchmarking is based on performance index  
 ↑ ↓ The arrows depict increase/decrease in overall performance of the stakeholders as compared to Oct'21

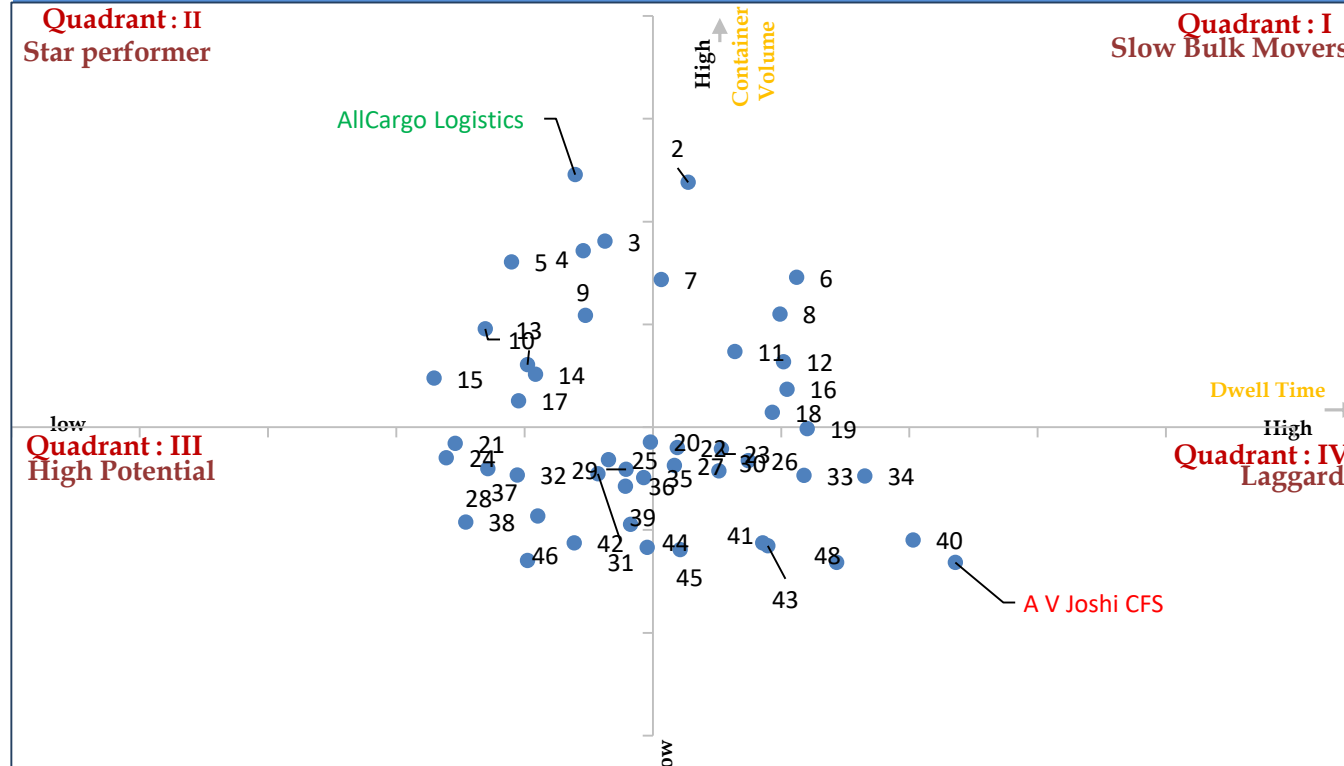
### Top Performing ICD

Navkar ICD, Tumb	
Oct'21	Nov'21
111.6 hrs	119.8 hrs

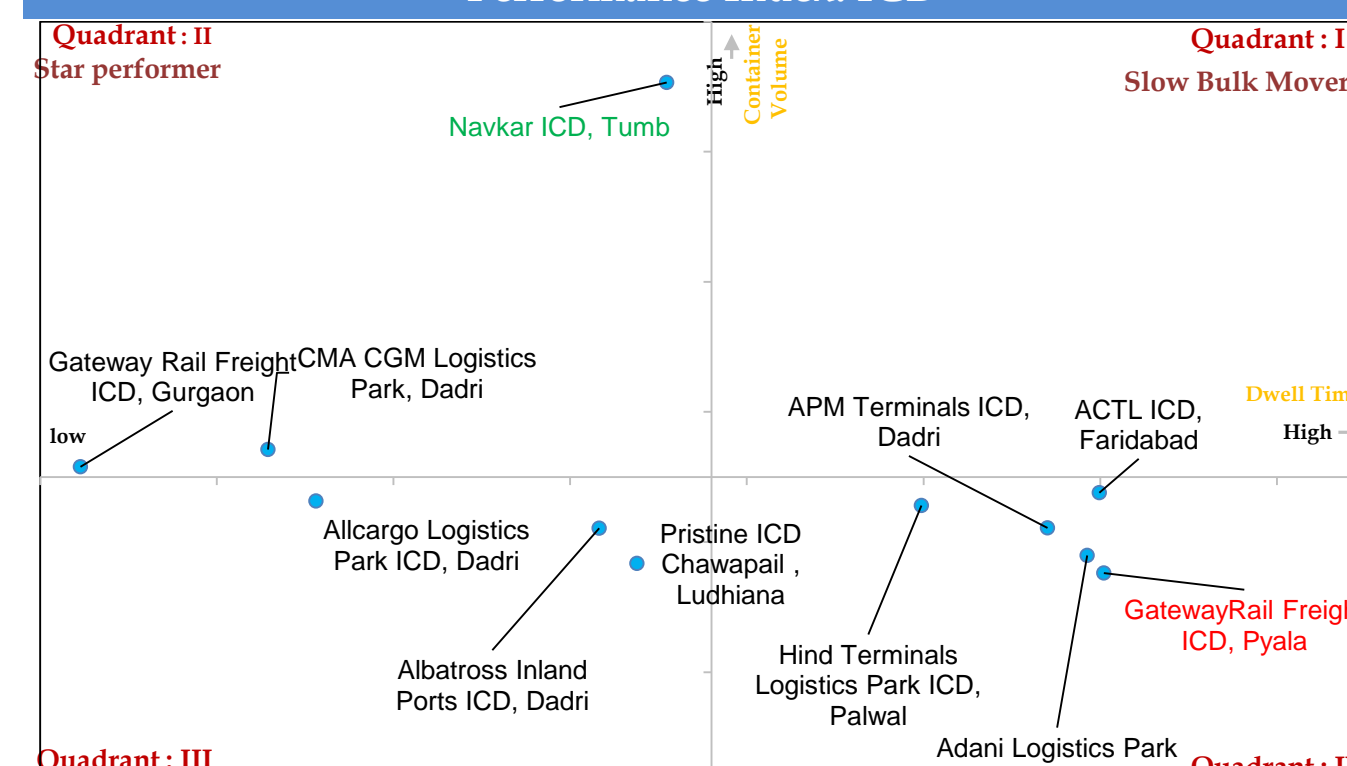
### Low Performing ICD

GatewayRail Freight ICD, Pyala	
Oct'21	Nov'21
128.3 hrs	136.0 hrs

### Performance Index: Western Corridor CFS



### Performance Index: ICD



Kindly refer to Annexure section for the names of CFS



# Import Cycle Analysis

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

The below tables depict the port dwell time performance at JNPT port for truck and train bound containers in import cycle

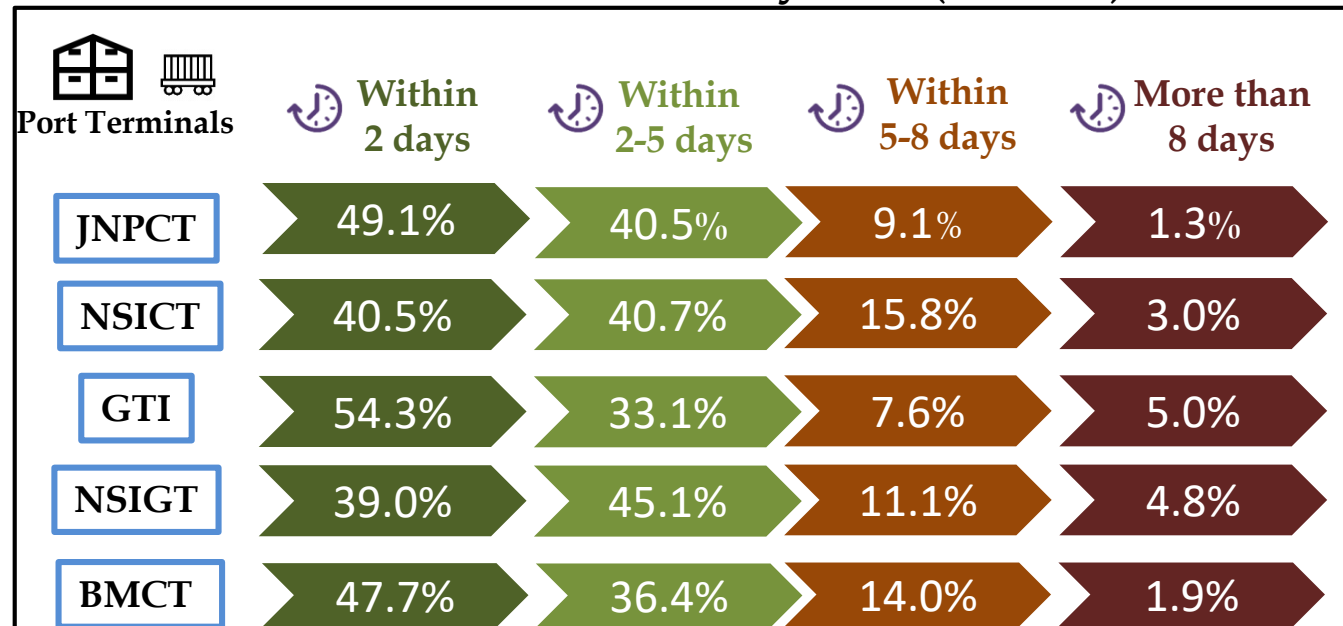
## PORT IMPORT via TRAIN

**(17% of total import volume at JNPT Port)**

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	Oct'21 (in hrs)	Nov'21 (in hrs)
JNPCT	33.7	48.6
NSICT	39.0	66.8
GTI	33.3	44.7
NSIGT	46.7	61.0
BMCT	33.9	49.5

### Container Handled: Day wise (Nov'21 )



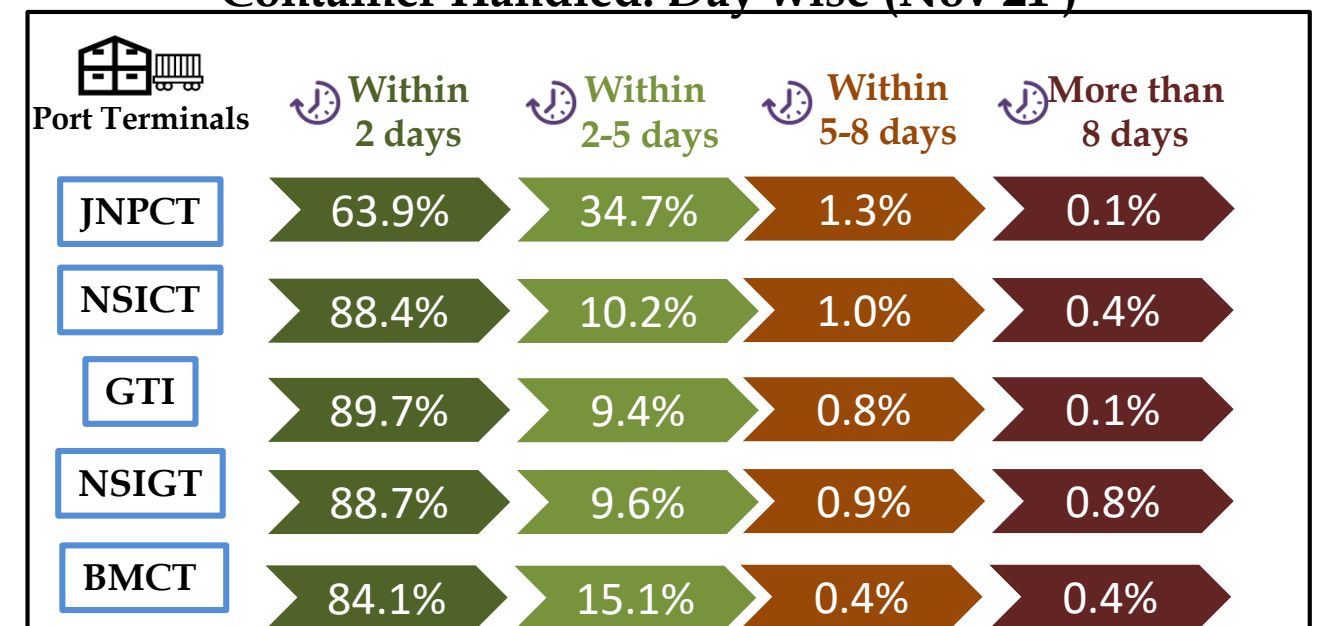
## PORT IMPORT via TRUCK

**(83% of total import volume at JNPT Port)**

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	Oct'21 (in hrs)	Nov'21 (in hrs)
JNPCT	34.2	38.8
NSICT	17.8	18.7
GTI	16.5	17.2
NSIGT	17.9	16.9
BMCT	20.4	20.6

### Container Handled: Day wise (Nov'21 )



The below tables depict the detailed JNPT region port performance in the month of Nov'21

<b>JNPCT</b>		
<b>Port Dwell time based on transit type</b>		
<b>Nov'21</b>	<b>Direct Port Delivery containers</b>	<b>Containers bound for CFS</b>
Dwell time (in hrs)	33.9 hrs	36.6 hrs
<b>Port Dwell time based on container type</b>		
<b>Nov'21</b>	<b>Laden Containers</b>	<b>Empty Containers</b>
Dwell time (in hrs)	39.4 hrs	42.2 hrs

<b>GTI</b>		
<b>Port Dwell time based on transit type</b>		
<b>Nov'21</b>	<b>Direct Port Delivery containers</b>	<b>Containers bound for CFS</b>
Dwell time (in hrs)	32.1 hrs	15.4 hrs
<b>Port Dwell time based on transit type</b>		
<b>Nov'21</b>	<b>Laden Containers</b>	<b>Empty Containers</b>
Dwell time (in hrs)	18.4 hrs	28.1 hrs

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

The below tables depict the detailed JNPT region port performance in the month of Nov'21

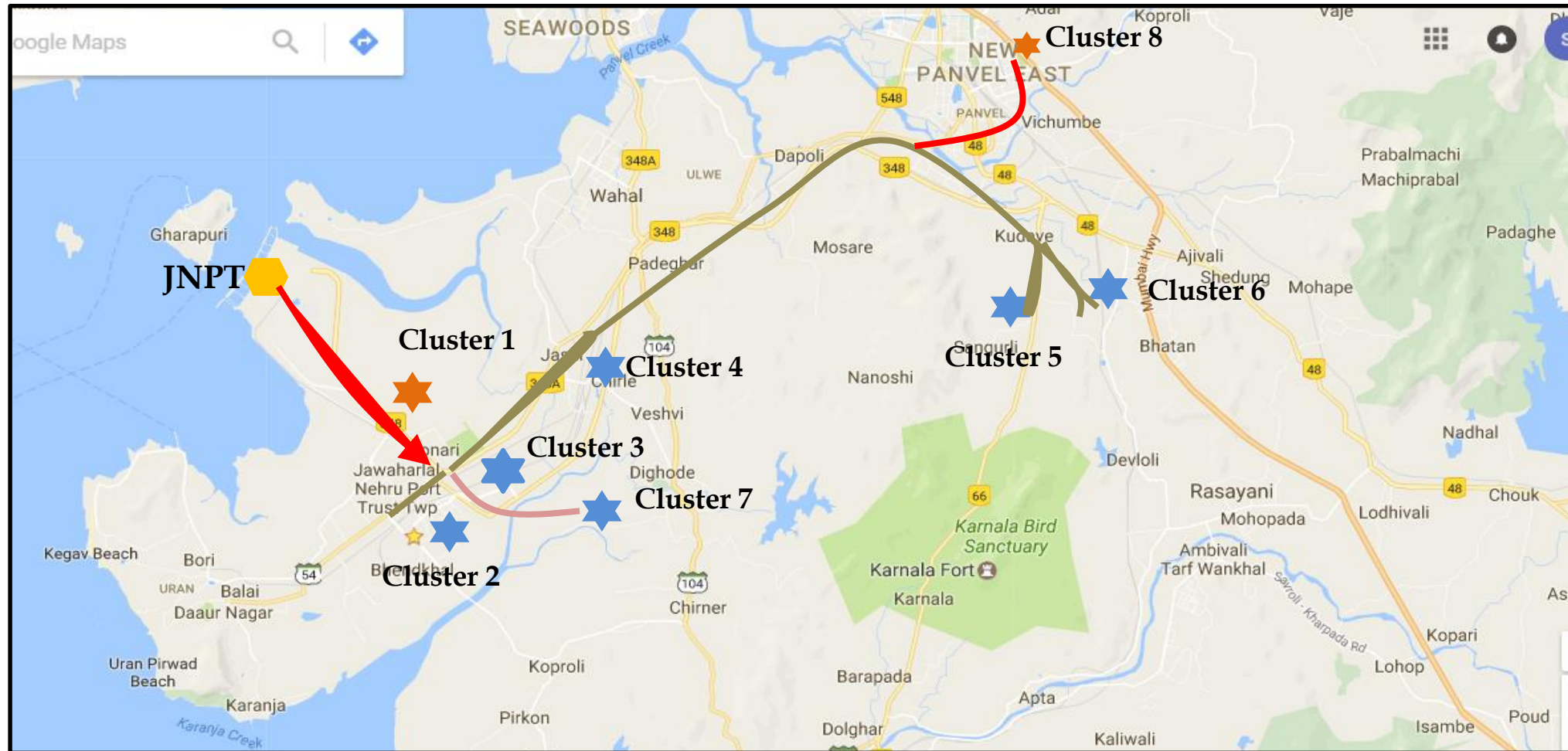
NSICT		
Port Dwell time based on transit type		
Nov'21	Direct Port Delivery containers	Containers bound for CFS
Dwell time (in hrs)	46.7 hrs	16.5 hrs
Port Dwell time based on container type		
Nov'21	Laden Containers	Empty Containers
Dwell time (in hrs)	19.9 hrs	26.1 hrs

NSIGT		
Port Dwell time based on transit type		
Nov'21	Direct Port Delivery containers	Containers bound for CFS
Dwell time (in hrs)	70.4 hrs	15.4 hrs
Port Dwell time based on container type		
Nov'21	Laden Containers	Empty Containers
Dwell time (in hrs)	21.4 hrs	22.3 hrs

BMCT		
Port Dwell time based on transit type		
Nov'21	Direct Port Delivery containers	Containers bound for CFS
Dwell time (in hrs)	47.1 hrs	17.6 hrs
Port Dwell time based on container type		
Nov'21	Laden Containers	Empty Containers
Dwell time (in hrs)	21.4 hrs	29.8 hrs

# JNPT Region: Congestion Analysis (Import Cycle)

The Below map indicate congestion around JNPT region in Import Cycle in month of Nov'21



## Clusters with bottleneck

CLUSTER 1	JNPT Area
CLUSTER 8	Taloja, Navi Mumbai

## Clusters without bottleneck

CLUSTER 2	Bhendkhal area, Khopate road
CLUSTER 3	Sonari area, JNPT road
CLUSTER 4	Chirle area, JNPT road
CLUSTER 5	Plaspa area, Coach kanyakumari Highway
CLUSTER 6	Salva apta rd area, Bangalore highway
CLUSTER 7	Patilpada area, Khopate JNPT road

**Legends**

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

**GTI Terminal**

**Congestion Level**  
Import Cycle :-

**JNPCT 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

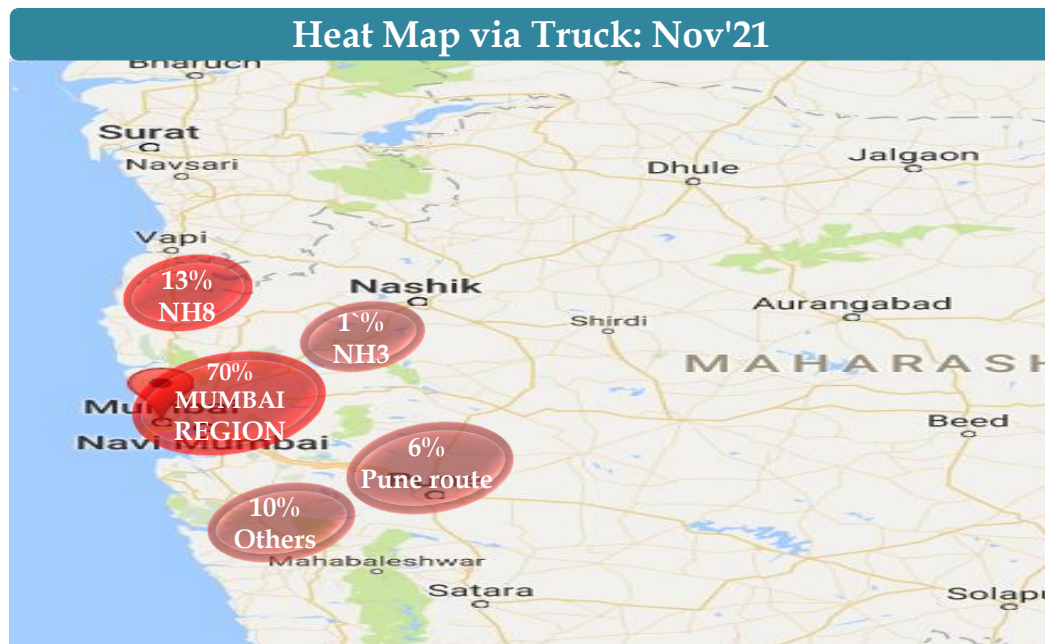
The below table and graphs depict the container movement across JNPT port region in Import cycle

### Truck

#### HEAT MAP : OVERALL MUMBAI REGION

Region	Nov'21
Mumbai region	70%
NH3	1%
Pune	6%
NH8	13%
others	10%

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

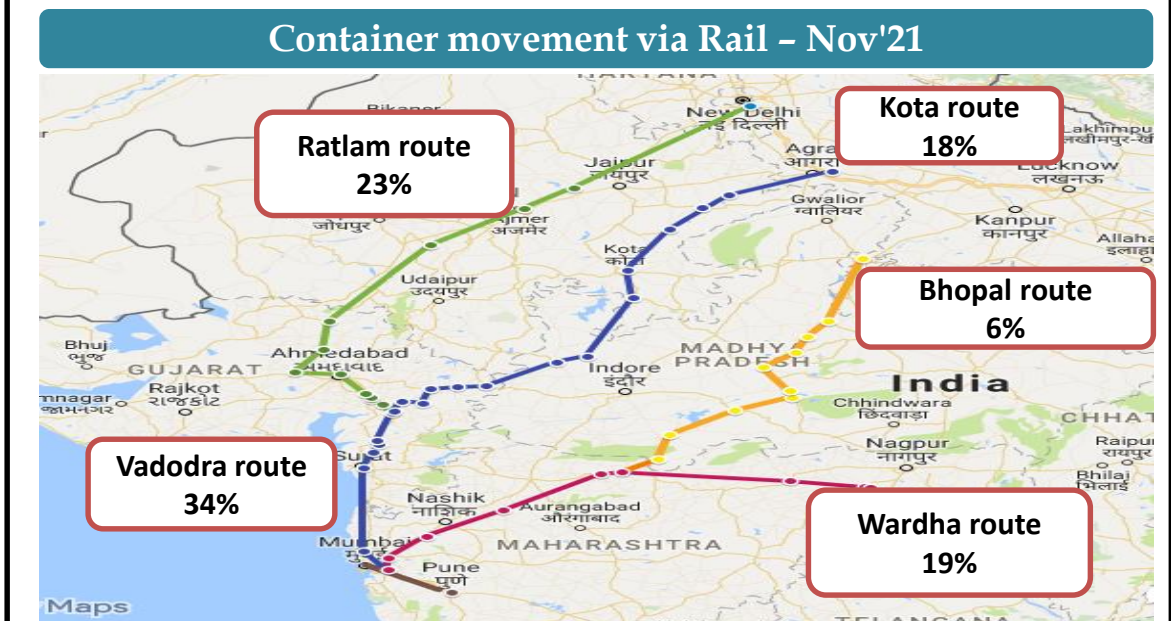


### Train

#### VOLUME WISE CONTAINER MOVEMENT

Region	Nov'21
Vadodra Route	34%
Ratlam Route	23%
Wardha Route	19%
Kota Route	18%
Bhopal Route	6%

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)	Oct'21 (in km/hrs)	Nov'21 (in km/hrs)
JNPT	JNPT	Khaniwade	94	12.5	13.9
	JNPT	Khalapur	60	-	13.7
	Khaniwade	Charoti	50	34.5	36.5
	Charoti	Boriach	126	28.1	29.1
	Boriach	Bharthan	142	31.0	32.7
	Bharthan	Vasad	60	37.3	37.7
	Khalapur	Khedshivpur	105	32.4	34.0



# Export Cycle Analysis



The below tables depict the port dwell time performance at JNPT port for truck and train bound containers in export cycle

## PORT EXPORT via TRAIN

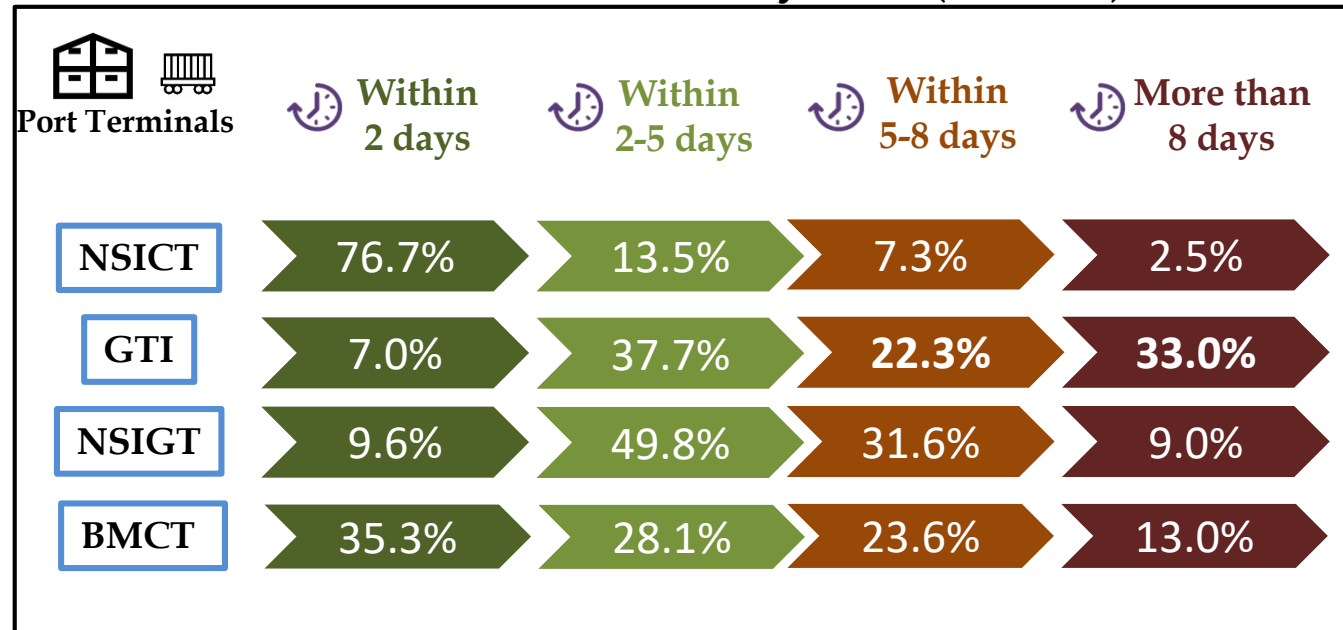
**(20% of total export volume at JNPT Port)**

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	Oct'21 (in hrs)	Nov'21 (in hrs)
NSICT	11.7	10.0
GTI	107.7	131.3
NSIGT	114.4	105.8
BMCT	41.2	83.0

Due to low volume count JNPCT rai bound container analysis has been removed.

### Container Handled: Day wise (Nov'21 )



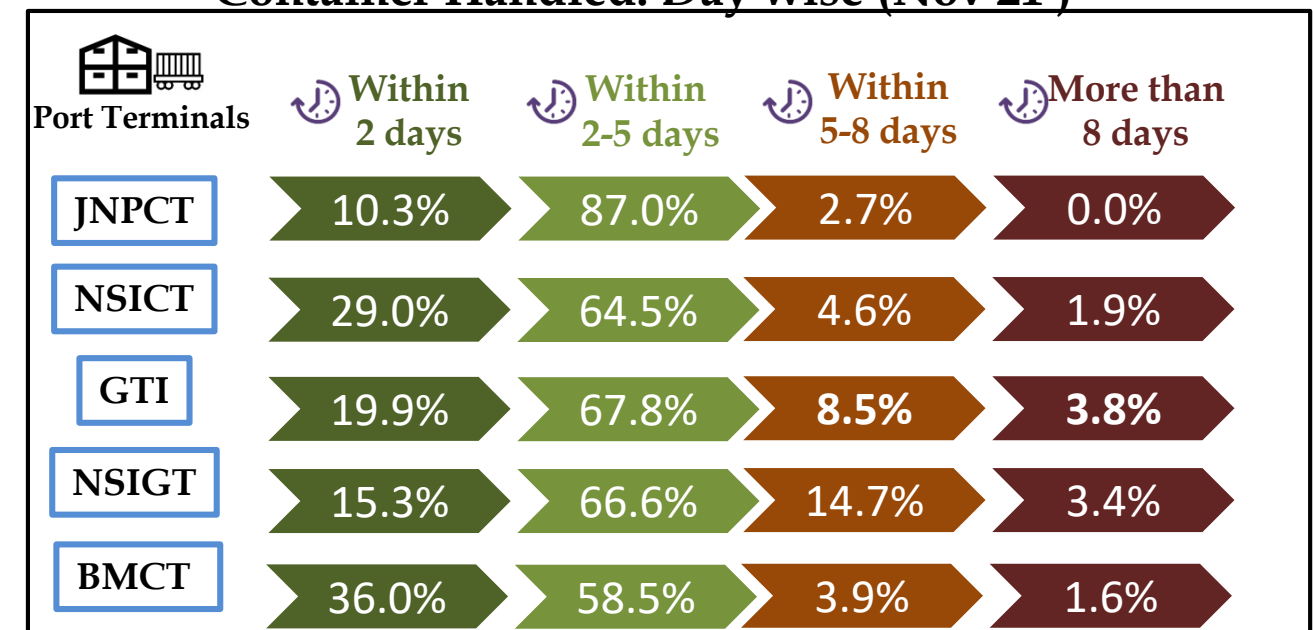
## PORT EXPORT via TRUCK

**(80% of total export volume at JNPT Port)**

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	Oct'21 (in hrs)	Nov'21 (in hrs)
JNPCT	75.7	76.6
NSICT	71.5	66.0
GTI	73.7	78.3
NSIGT	81.5	86.5
BMCT	65.7	63.3

### Container Handled: Day wise (Nov'21 )



The below tables depict the Dwell Time of containers based on their transit and occupancy at JNPT port for Nov'21

<b>JNPCT</b>		
<b>Port Dwell time based on transit type</b>		
<b>Nov'21</b>	<b>Direct Port Exports containers</b>	<b>Containers bound for CFS</b>
Dwell time (in hrs)	83.5 hrs	78.3 hrs
<b>Port Dwell time based on container type</b>		
<b>Nov'21</b>	<b>Laden Containers</b>	<b>Empty Containers</b>
Dwell time (in hrs)	81.9 hrs	72.9 hrs

<b>GTI</b>		
<b>Port Dwell time based on transit type</b>		
<b>Nov'21</b>	<b>Direct Port Exports containers</b>	<b>Containers bound for CFS</b>
Dwell time (in hrs)	79.0 hrs	82.0 hrs
<b>Port Dwell time based on container type</b>		
<b>Nov'21</b>	<b>Laden Containers</b>	<b>Empty Containers</b>
Dwell time (in hrs)	85.1 hrs	79.1 hrs

The below tables depict the Dwell Time of containers based on their transit and occupancy at JNPT port for Nov'21

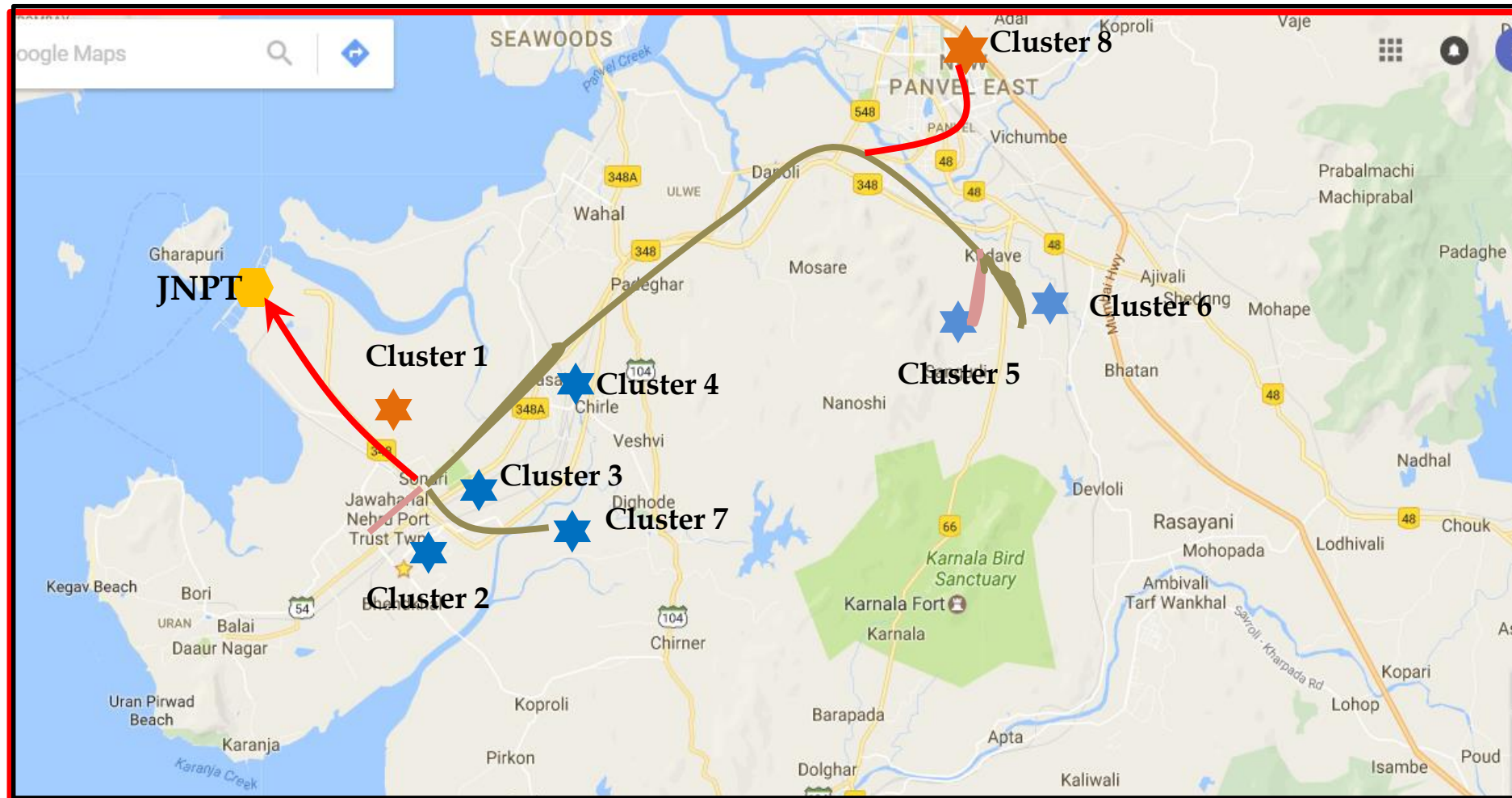
NSICT		
Port Dwell time based on transit type		
Nov'21	Direct Port Exports containers	Containers bound for CFS
Dwell time (in hrs)	71.3 hrs	64.6 hrs
Port Dwell time based on container type		
Nov'21	Laden Containers	Empty Containers
Dwell time (in hrs)	58.1 hrs	45.6 hrs

NSIGT		
Port Dwell time based on transit type		
Nov'21	Direct Port Exports containers	Containers bound for CFS
Dwell time (in hrs)	91.6 hrs	84.6 hrs
Port Dwell time based on container type		
Nov'21	Laden Containers	Empty Containers
Dwell time (in hrs)	90.4 hrs	63.6 hrs

BMCT		
Port Dwell time based on transit type		
Nov'21	Direct Port Exports containers	Containers bound for CFS
Dwell time (in hrs)	-	63.5 hrs
Port Dwell time based on container type		
Nov'21	Laden Containers	Empty Containers
Dwell time (in hrs)	71.6 hrs	53.0 hrs

# JNPT Region: Congestion Analysis (Export Cycle)

The Below map indicate congestion around JNPT region in Export Cycle in month of Nov'21



### Clusters with bottleneck

CLUSTER 1	JNPT Area
CLUSTER 8	Taloja, Navi Mumbai

### Clusters without bottleneck

CLUSTER 2	Bhendkhal area, Khopate road
CLUSTER 3	Sonari area, JNPT road
CLUSTER 4	Chirle area, JNPT road
CLUSTER 5	Plaspa area, Coach Kanyakumari Highway
CLUSTER 6	Salva apta rd area, Bangalore highway
CLUSTER 7	Patilpada area, Khopate JNPT road

**Legends**

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

**GTI Terminal**

**Congestion Level**

Export Cycle :-

**JNPCT Terminal**

**Congestion Level**

Export Cycle :-

**NSICT Terminal**

**Congestion Level**

Export Cycle :-

**NSIGT Terminal**

**Congestion Level**

Export Cycle :-

**BMCT Terminal**

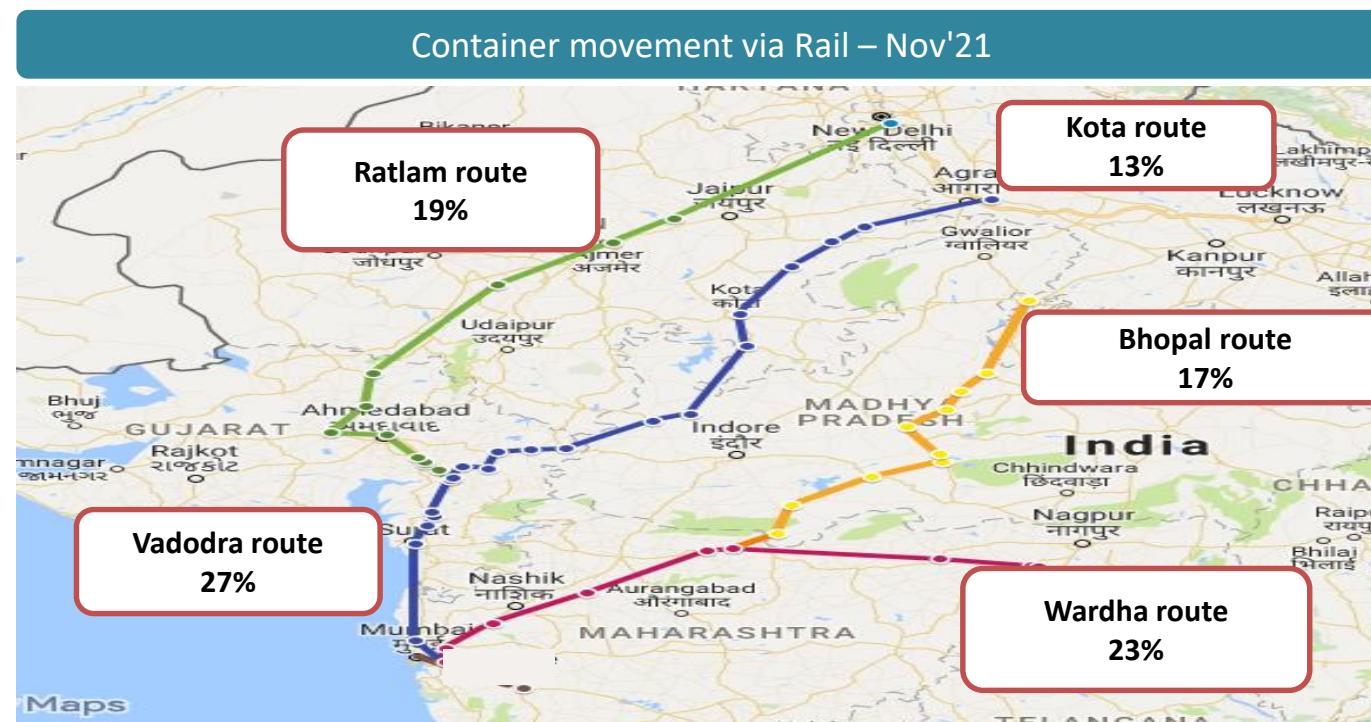
**Congestion Level**

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

JNPT Port	
Route	Percentage of Container Movement
Vadodra Route	27%
Ratlam Route	19%
Wardha Route	23%
Kota Route	13%
Bhopal Route	17%

The map shows the volume wise container movement through different railway routes in export cycle for Nov'21



# CFS and ICD Performance

## JNPT region CFS : CFS DWELL TIME ANALYSIS

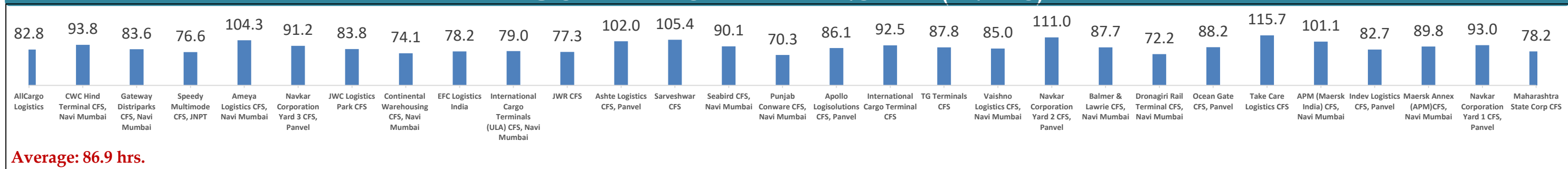
Below table and graphs show the dwell time of the respective CFSs for the month of Nov'21

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

CFS	Oct'21 (in hrs)	Nov'21 (in hrs)
AllCargo Logistics	77.8	82.8
CWC Hind Terminal CFS, Navi Mumbai	111.0	93.8
Gateway Distriparks CFS, Navi Mumbai	86.2	83.6
Speedy Multimode CFS, JNPT	81.5	76.6
Ameya Logistics CFS, Navi Mumbai	107.1	104.3
Navkar Corporation Yard 3 CFS, Panvel	81.0	91.2
JWC Logistics Park CFS	83.0	83.8
Continental Warehousing CFS, Navi Mumbai	79.6	74.1
EFC Logistics India	79.5	78.2
International Cargo Terminals (ULA) CFS, Navi Mumbai	89.3	79.0
JWR CFS	79.9	77.3
Ashte Logistics CFS, Panvel	104.3	102.0
Sarveshwar CFS	94.3	105.4
Seabird CFS, Navi Mumbai	83.3	90.1
Punjab Conware CFS, Navi Mumbai	84.1	70.3

CFS	Oct'21 (in hrs)	Nov'21 (in hrs)
Apollo Logisolutions CFS, Panvel	99.3	86.1
International Cargo Terminal CFS	83.1	92.5
TG Terminals CFS	89.5	87.8
Vaishno Logistics CFS, Navi Mumbai	91.0	85.0
Navkar Corporation Yard 2 CFS, Panvel	100.8	111.0
Balmer & Lawrie CFS, Navi Mumbai	87.4	87.7
Dronagiri Rail Terminal CFS, Navi Mumbai	84.1	72.2
Ocean Gate CFS, Panvel	78.5	88.2
Take Care Logistics CFS	110.3	115.7
APM (Maersk India) CFS, Navi Mumbai	99.8	101.1
Indev Logistics CFS, Panvel	85.9	82.7
Maersk Annex (APM)CFS, Navi Mumbai	97.2	89.8
Navkar Corporation Yard 1 CFS, Panvel	102.1	93.0
Maharashtra State Corp CFS	82.3	78.2

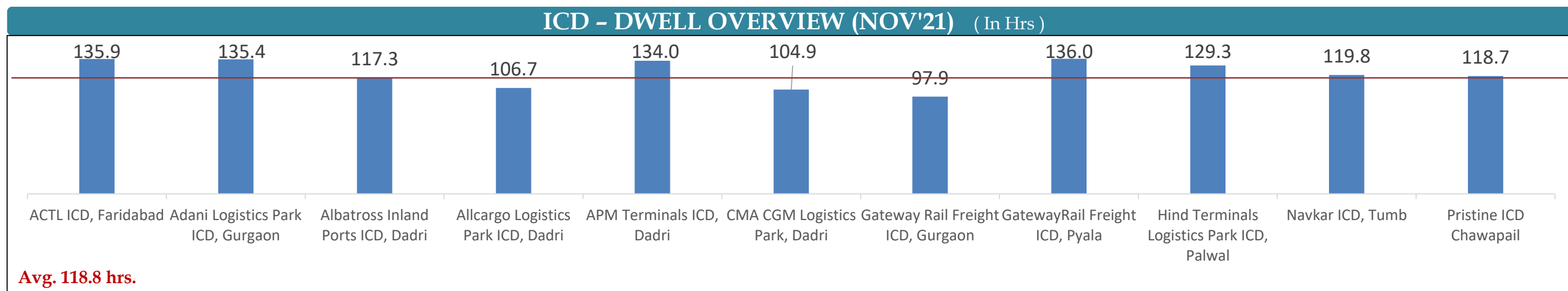
**CFS - DWELL OVERVIEW - NOV'21 ( IN HRS)**



## ICD DWELL TIME ANALYSIS

The table below depicts the dwell of all ICDs

ICD Dwell Time (in Hrs)		
ICD	Oct'21 (in hrs)	Nov'21 (in hrs)
ACTL ICD, Faridabad	123.8	135.9
Adani Logistics Park ICD, Gurgaon	142.3	135.4
Albatross Inland Ports ICD, Dadri	120.7	117.3
Allcargo Logistics Park ICD, Dadri	110.7	106.7
APM Terminals ICD, Dadri	135.1	134.0
CMA CGM Logistics Park, Dadri	92.6	104.9
Gateway Rail Freight ICD, Gurgaon	94.9	97.9
GatewayRail Freight ICD, Pyala	128.3	136.0
Hind Terminals Logistics Park ICD, Palwal	136.0	129.3
Navkar ICD, Tumb	111.6	119.8
Pristine ICD Chawapail	106.1	118.7



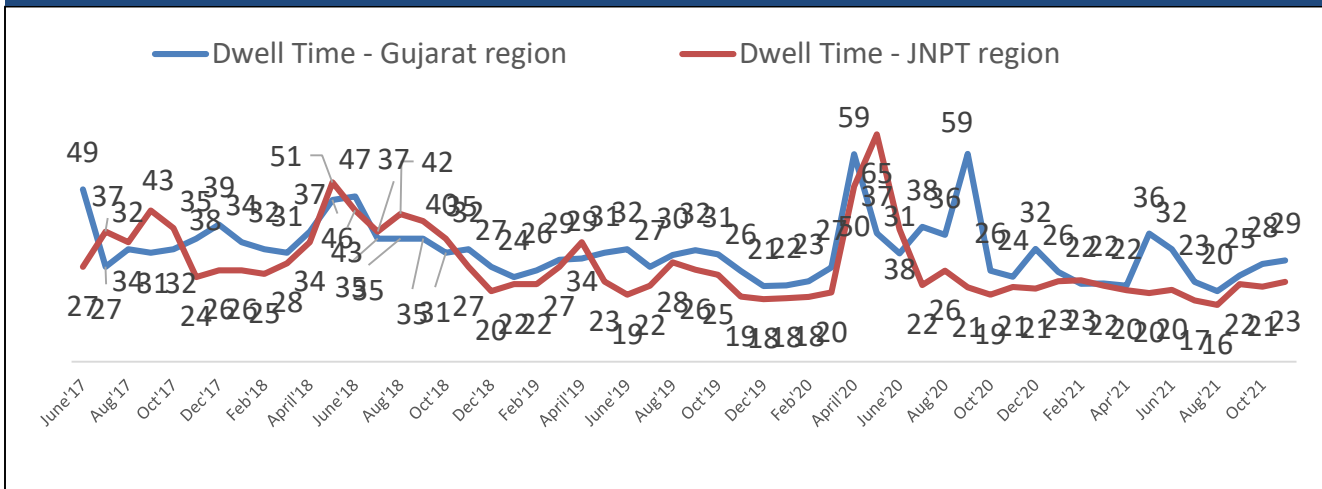


# Trend Analysis

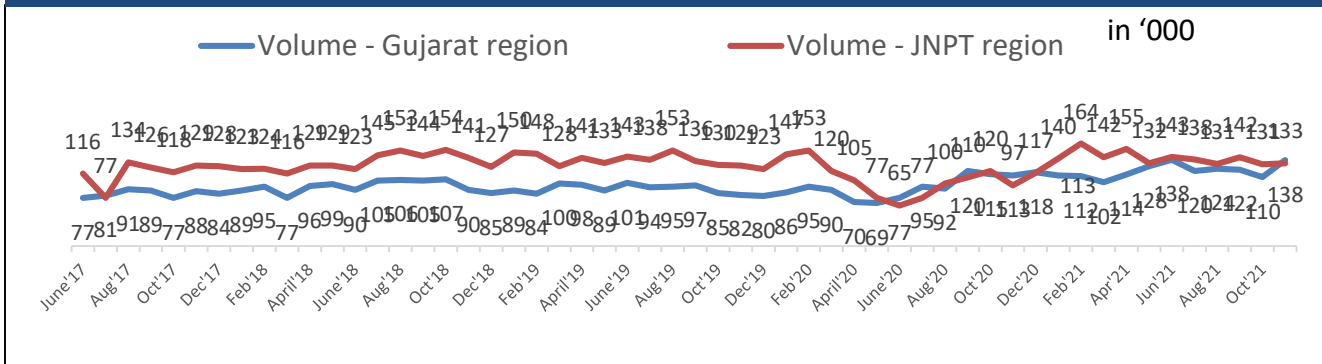
Container Volume and Dwell time of all the terminals in JNPT and Gujarat Port has been analysed until Nov'21

## Import Cycle

### Dwell Time – Gujarat Region Vs JNPT Region



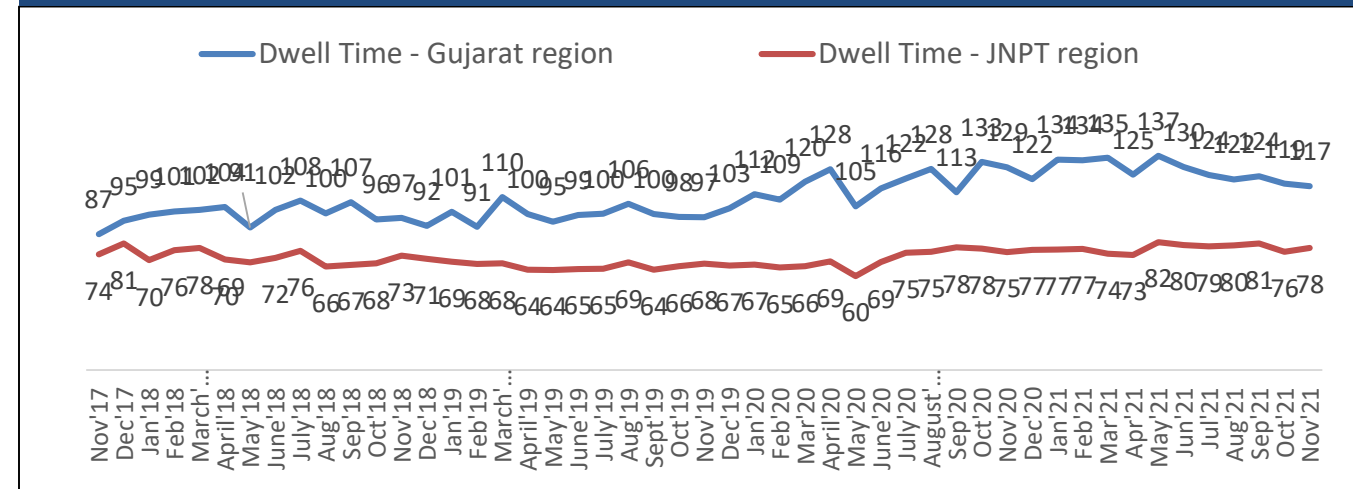
### Volume – Gujarat Region Vs JNPT Region



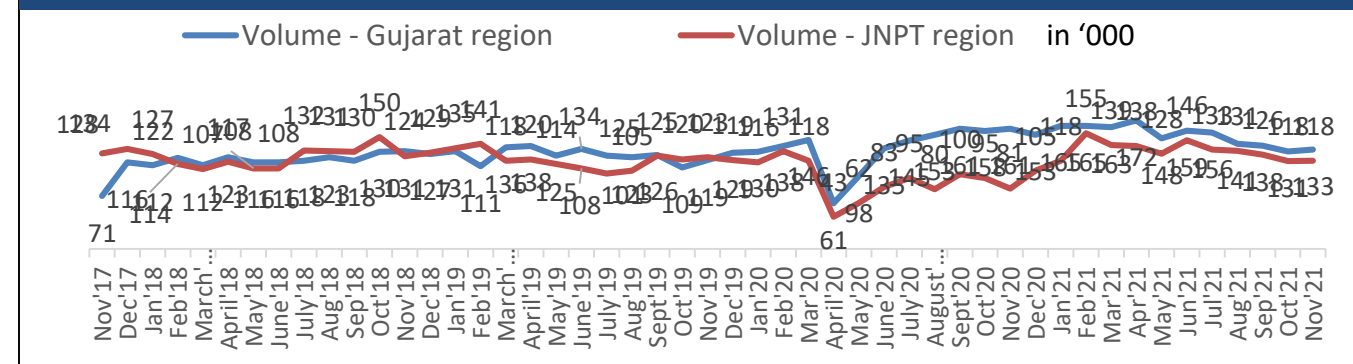
In Import cycle, for the month of Nov'21 APSEZ port has catered 4% more volume than JNPT Port, and has maintained 21% higher dwell time than JNPT Port.

## Export Cycle

### Dwell Time – Gujarat Region Vs JNPT Region



### Volume – Gujarat Region Vs JNPT Region

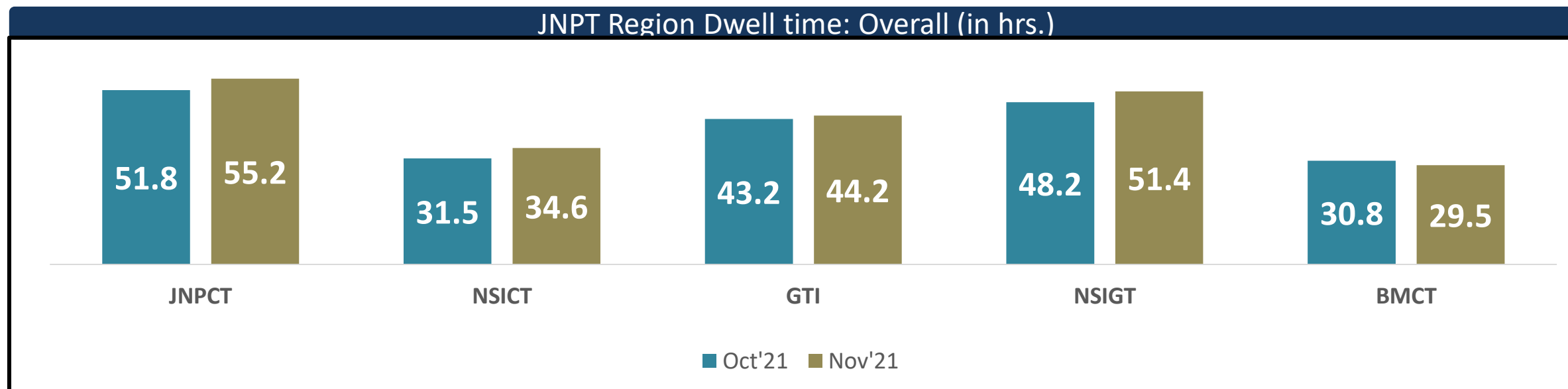


In Export cycle, for the month Nov'21 JNPT port catered 11% less volume than APSEZ Port, and has maintained 34% lower dwell time than APSEZ Port

# JNPT PORT DWELL TIME TREND: Month on Month

## JNPT 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 JNPT 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

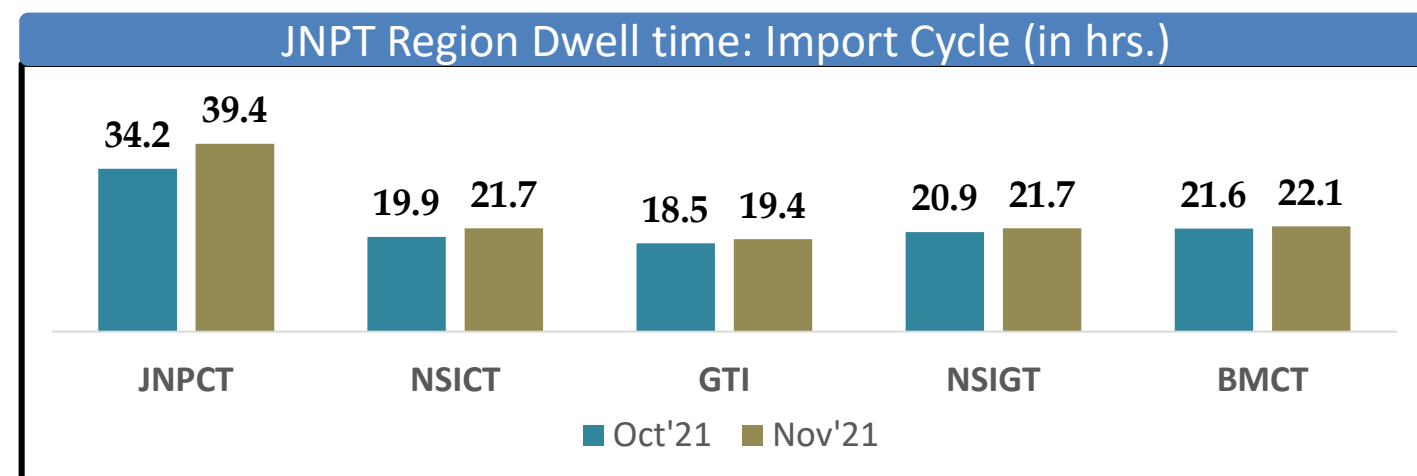


The overall JNPT region average dwell time for Nov'21 is 44.6 hrs as compared to 42.2 hrs in Oct'21

The below tables showcase the Import and Export cycle dwell time for both rail and truck bound containers for month of Nov'21

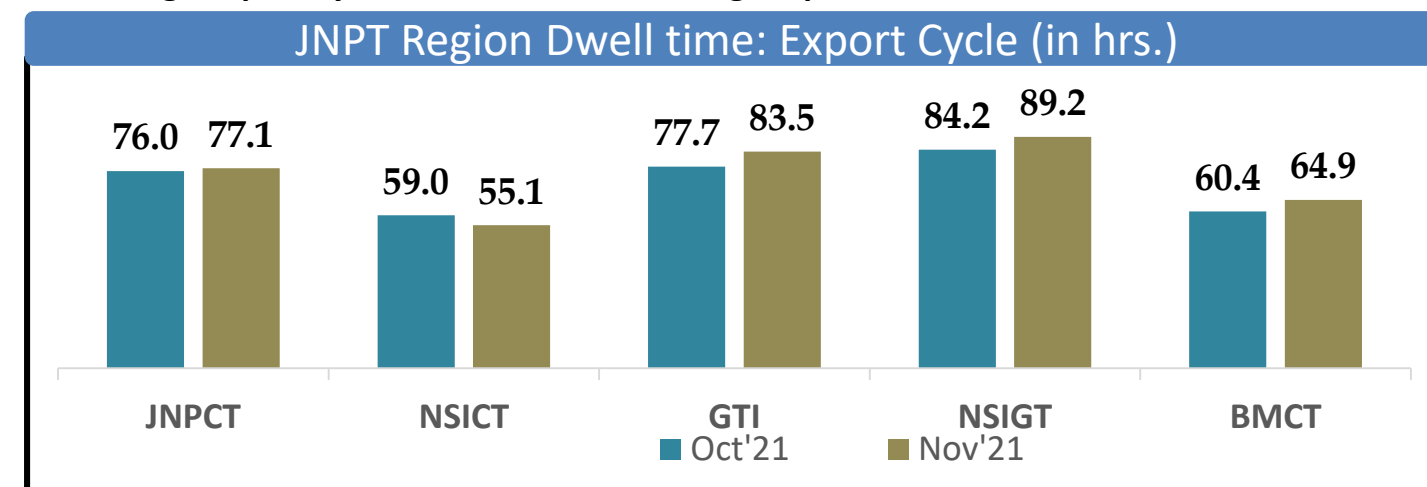
### JNPT Import cycle Trend

The average import cycle dwell time of JNPT region port terminals for Nov'21 is 22.7 hrs.



### JNPT Export cycle Trend

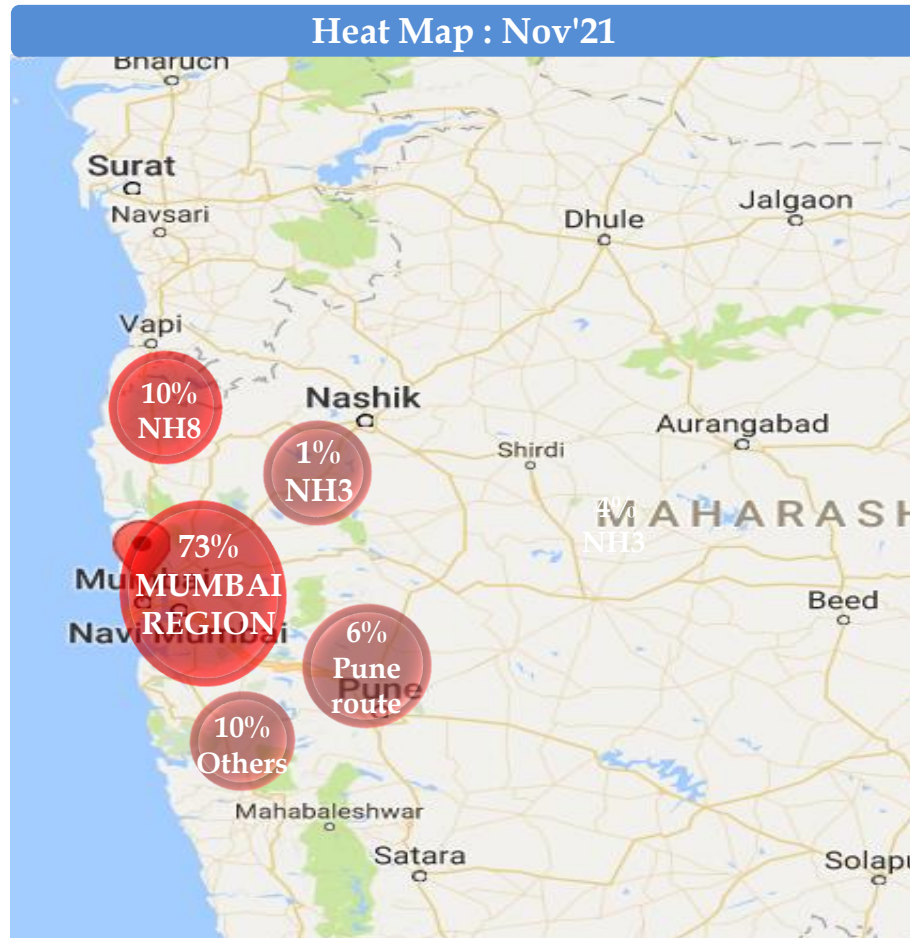
The average export cycle dwell time of JNPT region port terminals for Nov'21 is 77.8 hrs.



# ANNEXURE

# Container movement around JNPT Port terminal region via Truck

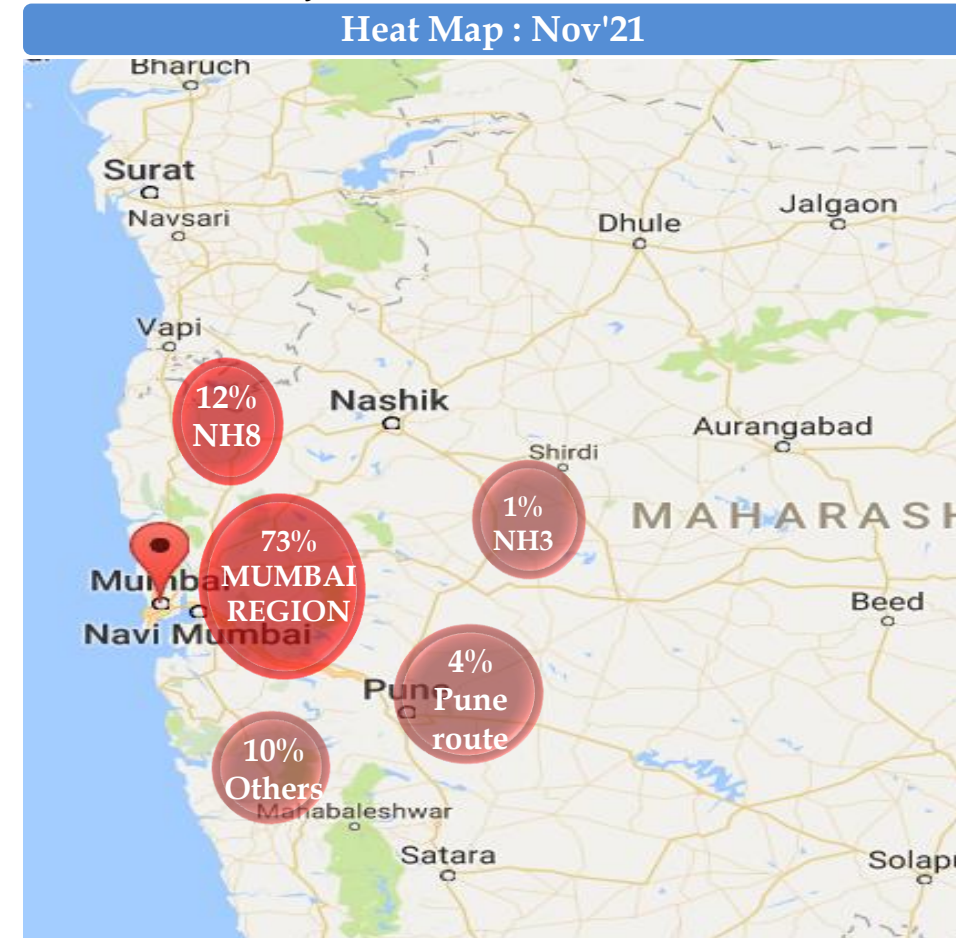
## HEAT MAP : GTI Port Terminal



Region	Oct'21	Nov'21
Mumbai region	75%	73%
NH3	1%	1%
Pune	4%	6%
NH8	10%	10%
others	10%	10%

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

## HEAT MAP : JNPT Port Terminal



Region	Oct'21	Nov'21
Mumbai region	68%	73%
NH3	1%	1%
Pune	5%	4%
NH8	16%	12%
others	10%	10%

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

# Container movement around JNPT Port terminal region via Truck

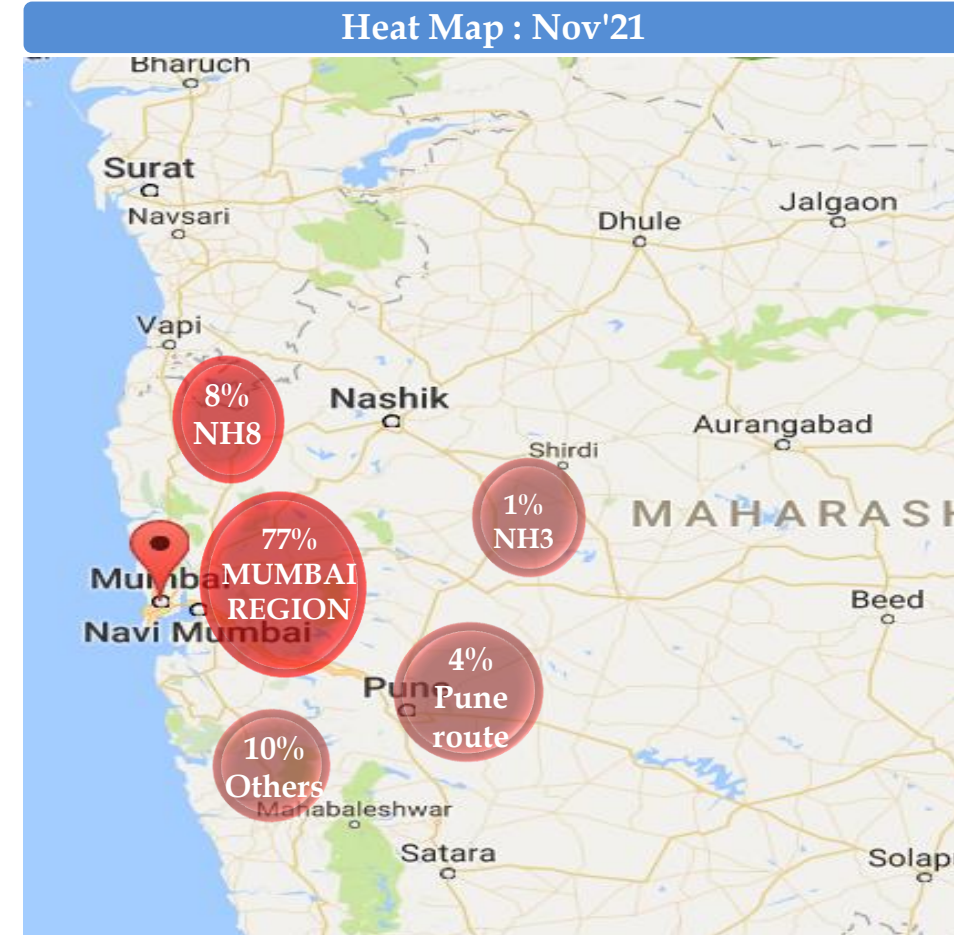
## HEAT MAP : NSIGT Port Terminal



Region	Oct'21	Nov'21
Mumbai region	77%	76%
NH3	1%	1%
Pune	4%	5%
NH8	8%	8%
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'21	Nov'21
Mumbai region	77%	77%
NH3	1%	1%
Pune	5%	4%
NH8	7%	8%
others	10%	10%

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

# CFS - AVERAGE DELIVERY TIME – all CFS in Mumbai TO JNPT Port

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

For Nov'21					
CFS Out Port in (Export Cycle in Hrs)					
CFS	JNPCT	GTI	NSICT	NSIGT	BMCT
Gateway Distriparks CFS, Navi Mumbai	2.5	2.5	1.9	1.8	4.3
Punjab Conware CFS, Navi Mumbai	2.2	2.7	3.3	2.8	4.5
JWC Logistics Park CFS	4.3	3.5	3.1	2.5	3.4
CWC Hind Terminal CFS, Navi Mumbai	2.9	2.5	1.8	1.5	3.3
Dronogiri Rail Terminal CFS, Navi Mumbai	1.8	3.4	1.9	2.0	2.5
Navkar Corporation Yard 2 CFS, Panvel	5.9	5.1	4.3	4.1	4.1
Vaishno Logistics CFS, Navi Mumbai	2.2	2.3	2.1	3.0	7.2
Speedy Multimode CFS, JNPT	2.2	2.6	2.2	2.2	2.6
Balmer & Lawrie CFS, Navi Mumbai	3.4	2.9	1.9	3.5	-
Navkar Corporation Yard 3 CFS, Panvel	3.7	5.2	4.1	4.7	5.7
Ashte Logistics CFS, Panvel	3.3	3.9	2.5	2.7	3.4
Continental Warehousing CFS, Navi Mumbai	1.4	2.5	2.1	1.5	3.1
SBW Logistics CFS, Navi Mumbai	8.0	8.4	6.9	9.4	10.2
Maharashtra State Corp CFS	2.1	2.1	2.3	2.1	3.0
Internation Cargo Terminal CFS	2.4	2.5	1.9	2.3	2.9
Seabird CFS, Navi Mumbai	2.0	3.5	1.7	1.5	2.0
Apollo Logisolutions CFS, Panvel	5.1	4.8	2.4	2.6	2.9
Ameya Logistics CFS, Navi Mumbai	5.4	3.2	2.8	2.6	6.1
Transindia Logistics Park, Navi Mumbai	2.5	2.1	2.1	1.9	2.1
Ocean Gate CFS, Panvel	2.9	2.9	2.3	3.0	6.7
International Cargo Terminals (ULA) CFS, Navi Mumbai	1.6	3.1	3.0	2.1	2.2
Indev Logistics CFS, Panvel	3.1	5.0	2.6	3.3	5.1
CWC Dronagiri CFS, Navi Mumbai	-	-	-	-	-
APM (Maersk India) CFS, Navi Mumbai	2.1	2.6	1.7	1.4	3.4

# CFS DELIVERY TIME ANALYSIS

## CFS - AVERAGE DELIVERY TIME - GTI TO ALL CFS's IN MUMBAI

Below table shows the average delivery time in import cycle from GTI to all the CFS's

### AVERAGE DELIVERY TIME ( In Hrs )- GTI TO ALL CFS IN MUMBAI

CFS	Nov'21 (in hrs)
Gateway Distriparks CFS, Navi Mumbai	2.6
APM (Maersk India) CFS, Navi Mumbai	2.3
Internation Cargo Terminal CFS	2.4
Ameya Logistics CFS, Navi Mumbai	2.0
Transindia Logistics Park, Navi Mumbai	2.6
Indev Logistics CFS, Panvel	3.4
Navkar Corporation Yard 3 CFS, Panvel	5.3
Seabird CFS, Navi Mumbai	2.5
Balmer & Lawrie CFS, Navi Mumbai	2.9
Ashte Logistics CFS, Panvel	3.8
Continental Warehousing CFS, Navi Mumbai	1.8
CWC Hind Terminal CFS, Navi Mumbai	2.0
Dronogiri Rail Terminal CFS, Navi Mumbai	6.3
Navkar Corporation Yard 1 CFS, Panvel	5.3
International Cargo Terminals (ULA) CFS, Navi Mumbai	4.2
Maersk Annex (APM)CFS, Navi Mumbai	2.4
Speedy Multimode CFS, JNPT	2.1
Apollo Logisolutions CFS, Panvel	3.5
Navkar Corporation Yard 2 CFS, Panvel	4.5
Punjab Conware CFS, Navi Mumbai	3.7
Vaishno Logistics CFS, Navi Mumbai	2.8
JWC Logistics Park CFS	4.4
SBW Logistics CFS, Navi Mumbai	6.2
Ocean Gate CFS, Panvel	3.0
Maharashtra State Corp CFS	5.3

## CFS - AVERAGE DELIVERY TIME - JNPCT TO ALL CFS's IN MUMBAI

Below table shows the average delivery time in import cycle from JNPCT to all the CFS's

### AVERAGE DELIVERY TIME ( In Hrs )- JNPCT TO ALL CFS IN MUMBAI

CFS	Nov'21 (in hrs)
Gateway Distriparks CFS, Navi Mumbai	2.9
APM (Maersk India) CFS, Navi Mumbai	2.1
Internation Cargo Terminal CFS	2.1
Ameya Logistics CFS, Navi Mumbai	2.0
Transindia Logistics Park, Navi Mumbai	2.1
Indev Logistics CFS, Panvel	3.1
Navkar Corporation Yard 3 CFS, Panvel	4.2
Seabird CFS, Navi Mumbai	2.3
Balmer & Lawrie CFS, Navi Mumbai	1.7
Ashte Logistics CFS, Panvel	2.7
Continental Warehousing CFS, Navi Mumbai	1.7
CWC Hind Terminal CFS, Navi Mumbai	2.0
Dronogiri Rail Terminal CFS, Navi Mumbai	4.6
Navkar Corporation Yard 1 CFS, Panvel	4.2
International Cargo Terminals (ULA) CFS, Navi Mumbai	3.2
Maersk Annex (APM)CFS, Navi Mumbai	2.0
Speedy Multimode CFS, JNPT	1.8
Apollo Logisolutions CFS, Panvel	3.0
Navkar Corporation Yard 2 CFS, Panvel	4.2
Punjab Conware CFS, Navi Mumbai	2.9
Vaishno Logistics CFS, Navi Mumbai	1.6
JWC Logistics Park CFS	3.3
SBW Logistics CFS, Navi Mumbai	5.1
Ocean Gate CFS, Panvel	3.6
Maharashtra State Corp CFS	1.6



# CFS DELIVERY TIME ANALYSIS

## CFS - AVERAGE DELIVERY TIME - NSICT TO ALL CFS's IN MUMBAI

Below table shows the average delivery time in import cycle from NSICT to all the CFS's

### AVERAGE DELIVERY TIME ( In Hrs )- NSICT TO ALL CFS IN MUMBAI

CFS	Nov'21 (in hrs)
Gateway Distriparks CFS, Navi Mumbai	2.8
APM (Maersk India) CFS, Navi Mumbai	2.3
Internation Cargo Terminal CFS	2.8
Ameya Logistics CFS, Navi Mumbai	2.0
Transindia Logistics Park, Navi Mumbai	2.9
Indev Logistics CFS, Panvel	3.5
Navkar Corporation Yard 3 CFS, Panvel	7.0
Seabird CFS, Navi Mumbai	2.7
Balmer & Lawrie CFS, Navi Mumbai	2.2
Ashte Logistics CFS, Panvel	3.5
Continental Warehousing CFS, Navi Mumbai	1.7
CWC Hind Terminal CFS, Navi Mumbai	2.2
Dronogiri Rail Terminal CFS, Navi Mumbai	4.4
Navkar Corporation Yard 1 CFS, Panvel	8.3
International Cargo Terminals (ULA) CFS, Navi Mumbai	3.9
Maersk Annex (APM)CFS, Navi Mumbai	2.0
Speedy Multimode CFS, JNPT	3.1
Apollo Logisolutions CFS, Panvel	3.7
Navkar Corporation Yard 2 CFS, Panvel	7.1
Punjab Conware CFS, Navi Mumbai	12.2
Vaishno Logistics CFS, Navi Mumbai	1.9
JWC Logistics Park CFS	4.3
SBW Logistics CFS, Navi Mumbai	3.7
Ocean Gate CFS, Panvel	2.7
Maharashtra State Corp CFS	8.1

## CFS - AVERAGE DELIVERY TIME - NSIGT TO ALL CFS's IN MUMBAI

Below table shows the average delivery time in import cycle from NSIGT to all the CFS's

### AVERAGE DELIVERY TIME ( In Hrs )- NSIGT TO ALL CFS IN MUMBAI

CFS	Nov'21 (in hrs)
Gateway Distriparks CFS, Navi Mumbai	3.0
APM (Maersk India) CFS, Navi Mumbai	2.4
Internation Cargo Terminal CFS	2.2
Ameya Logistics CFS, Navi Mumbai	2.0
Transindia Logistics Park, Navi Mumbai	2.6
Indev Logistics CFS, Panvel	5.4
Navkar Corporation Yard 3 CFS, Panvel	5.2
Seabird CFS, Navi Mumbai	3.2
Balmer & Lawrie CFS, Navi Mumbai	3.0
Ashte Logistics CFS, Panvel	3.4
Continental Warehousing CFS, Navi Mumbai	2.1
CWC Hind Terminal CFS, Navi Mumbai	1.9
Dronogiri Rail Terminal CFS, Navi Mumbai	16.8
Navkar Corporation Yard 1 CFS, Panvel	5.5
International Cargo Terminals (ULA) CFS, Navi Mumbai	3.5
Maersk Annex (APM)CFS, Navi Mumbai	2.5
Speedy Multimode CFS, JNPT	2.9
Apollo Logisolutions CFS, Panvel	3.6
Navkar Corporation Yard 2 CFS, Panvel	6.2
Punjab Conware CFS, Navi Mumbai	3.8
Vaishno Logistics CFS, Navi Mumbai	3.7
JWC Logistics Park CFS	4.6
SBW Logistics CFS, Navi Mumbai	4.4
Ocean Gate CFS, Panvel	3.2
Maharashtra State Corp CFS	22.1

## CFS - AVERAGE DELIVERY TIME - BMCT TO ALL CFS's IN MUMBAI

Below table shows the average delivery time in import cycle from BMCT to all the CFS's

### AVERAGE DELIVERY TIME ( In Hrs )- BMCT TO ALL CFS IN MUMBAI

CFS	Nov'21 (in hrs)
Gateway Distriparks CFS, Navi Mumbai	3.2
APM (Maersk India) CFS, Navi Mumbai	2.0
Internation Cargo Terminal CFS	2.7
Ameya Logistics CFS, Navi Mumbai	2.4
Transindia Logistics Park, Navi Mumbai	2.8
Indev Logistics CFS, Panvel	3.4
Navkar Corporation Yard 3 CFS, Panvel	4.2
Seabird CFS, Navi Mumbai	2.8
Balmer & Lawrie CFS, Navi Mumbai	1.8
Ashte Logistics CFS, Panvel	3.8
Continental Warehousing CFS, Navi Mumbai	1.6
CWC Hind Terminal CFS, Navi Mumbai	1.7
Dronogiri Rail Terminal CFS, Navi Mumbai	29.5
Navkar Corporation Yard 1 CFS, Panvel	3.3
International Cargo Terminals (ULA) CFS, Navi Mumbai	6.3
Maersk Annex (APM)CFS, Navi Mumbai	2.2
Speedy Multimode CFS, JNPT	2.5
Apollo Logisolutions CFS, Panvel	3.2
Navkar Corporation Yard 2 CFS, Panvel	3.6
Punjab Conware CFS, Navi Mumbai	2.5
Vaishno Logistics CFS, Navi Mumbai	2.1
JWC Logistics Park CFS	3.7
SBW Logistics CFS, Navi Mumbai	7.6
Ocean Gate CFS, Panvel	2.7
Maharashtra State Corp CFS	-

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 JNPCT terminal

## CFS Cluster : GTI Terminal

GTI terminal for month of Nov'21				
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	2.6
Cluster 2	6	13	2.4	2.6
Cluster 3	6	11	4.5	3.0
Cluster 4	1	13	2.8	2.3
Cluster 5	2	25	3.7	3.2
Cluster 6	6	25	4.2	5.0
Cluster 7	4	12	2.0	2.5
Cluster 8	1	34	6.2	8.4

## CFS Cluster : JNPCT Terminal

JNPCT terminal for month of Nov'21				
Clusters	No. of CFS's in Cluster	Distance from Port (Km)	Import cycle time (in Hrs)	Export cycle time (in Hrs)
Cluster 1	1	8	1.8	2.2
Cluster 2	6	13	2.1	2.4
Cluster 3	6	11	2.6	2.1
Cluster 4	1	13	1.6	2.2
Cluster 5	2	25	3.5	3.6
Cluster 6	6	25	3.6	3.7
Cluster 7	4	12	2.0	2.5
Cluster 8	1	34	5.1	8.0

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 Nov'21

NSIGT terminal for month of Nov'21

BMCT terminal for month of Nov'21

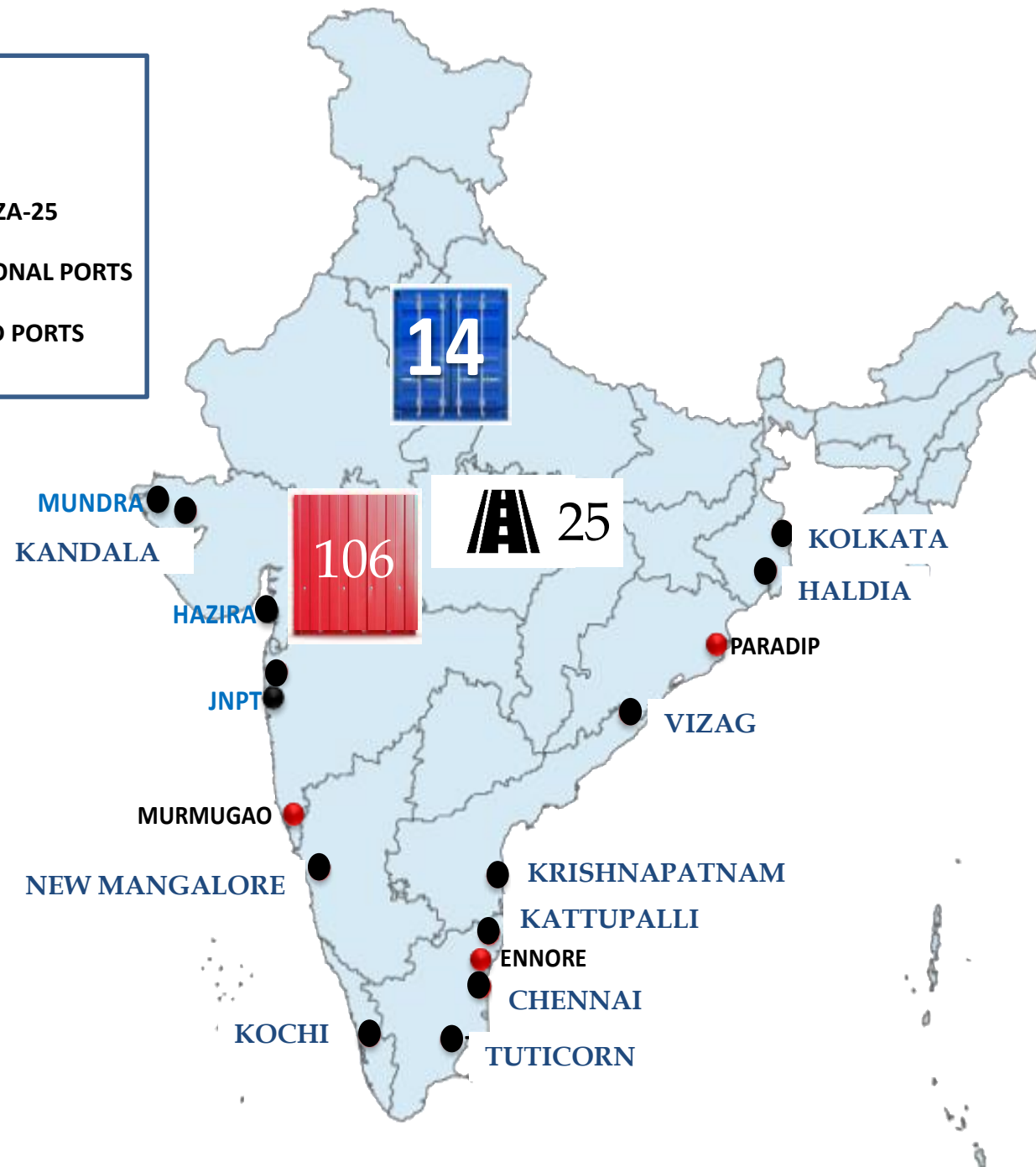
Clusters	No. of CFS's in Cluster	Distance from Port (Km)	Import cycle time (in Hrs)	Export cycle time (in Hrs)
Cluster 1	1	8	3.1	2.2
Cluster 2	6	13	2.3	1.9
Cluster 3	6	11	6.3	2.1
Cluster 4	1	13	1.9	2.1
Cluster 5	2	25	3.5	2.7
Cluster 6	6	25	5.3	2.6
Cluster 7	4	12	2.0	2.1
Cluster 8	1	34	3.7	6.9

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	2.9	2.2
Cluster 2	6	13	2.5	2.0
Cluster 3	6	11	2.0	2.0
Cluster 4	1	13	3.7	3.0
Cluster 5	2	25	3.9	2.8
Cluster 6	6	25	5.3	3.3
Cluster 7	4	12	2.1	1.9
Cluster 8	1	34	4.4	9.4

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	2.5	2.6
Cluster 2	6	13	2.2	3.3
Cluster 3	6	11	2.0	2.7
Cluster 4	1	13	2.1	7.2
Cluster 5	2	25	3.2	5.1
Cluster 6	6	25	3.5	4.1
Cluster 7	4	12	2.4	3.1
Cluster 8	1	34	7.6	10.2

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**

	ICD- 14
	CFS-106
	TOLL PLAZA-25
	OPERATIONAL PORTS
	PLANNED PORTS



Below mentioned are all the CFS in the respective Clusters :

<p><b>Cluster 1</b> (JNPT Area)</p> <ul style="list-style-type: none"> <li>Speedy Multimode CFS, JNPT</li> </ul>	<p><b>Cluster 3</b> Sonari area, JNPT road</p> <ul style="list-style-type: none"> <li>Punjab Conware CFS, Navi Mumbai</li> <li>Dronogiri Rail Terminal CFS, Navi Mumbai</li> <li>CWC Impex Park CFS, Navi Mumbai</li> <li>CWC Dronagiri CFS, Navi Mumbai</li> <li>Maharashtra State Corp CFS</li> <li>Seabird CFS, Navi Mumbai</li> </ul>	<p><b>Cluster 6</b> (Salva apta rd area, Bangalore highway)</p> <ul style="list-style-type: none"> <li>Ashte Logistics CFS, Panvel</li> <li>Apollo Logisolutions CFS, Panvel</li> <li>Indev Logistics CFS, Panvel</li> <li>Navkar Corporation Yrd 1 CFS, Panvel</li> <li>Navkar Corporation Yard 2 CFS, Panvel</li> <li>Navkar Corporation Yard 3 CFS, Panvel</li> </ul>
<p><b>Cluster 2</b> (Bhendkhal area, Khopate road)</p> <ul style="list-style-type: none"> <li>APM (Maersk India) CFS, Navi Mumbai</li> <li>Maersk Annex (APM) CFS, Navi Mumbai</li> <li>Balmer &amp; Lawrie CFS, Navi Mumbai</li> <li>CWC Hind Terminal CFS, Navi Mumbai</li> <li>International Cargo Terminals (ULA) CFS, Navi Mumbai &amp; Infrastructure Private Limited</li> <li>Gateway Distriparks CFS, Navi Mumbai</li> <li>International Cargo Terminal CFS</li> </ul>	<p><b>Cluster 4</b> (Chirle area, JNPT road)</p> <ul style="list-style-type: none"> <li>Vaishno Logistics CFS, Navi Mumbai</li> </ul>	<p><b>Cluster 7</b> (Patilpada area, Khopate JNPT road)</p> <ul style="list-style-type: none"> <li>All Cargo Logistics CFS, Navi Mumbai</li> <li>Transindia Logistics Park, Navi Mumbai</li> <li>Ameya Logistics CFS, Navi Mumbai</li> <li>Continental Warehousing CFS, Navi Mumbai</li> </ul>
	<p><b>Cluster 5</b> (Plaspa area, Coachi kanyakumari Highway)</p> <ul style="list-style-type: none"> <li>JWC Logistics Park CFS</li> <li>Ocean Gate CFS, Panvel</li> </ul>	
	<p><b>Cluster 8</b> SBW</p>	

## List of CFS name used in CFS Performance Index

1	AllCargo Logistics
2	CWC Hind Terminal CFS, Navi Mumbai
3	Saurashtra CFS, Mundra
4	Gateway Distriparks CFS, Navi Mumbai
5	Speedy Multimode CFS, JNPT
6	Ameya Logistics CFS, Navi Mumbai
7	Navkar Corporation Yard 3 CFS, Panvel
8	Adani CFS, Hazira
9	JWC Logistics Park CFS
10	Continental Warehousing CFS, Navi Mumbai
11	Hind Terminals Pvt. Ltd. CFS, Mundra
12	CWC CFS, Mundra
13	EFC Logistics India
14	International Cargo Terminals (ULA) CFS, Navi Mumbai
15	Adani CFS Eximyard, Mundra
16	AllCargo CFS, Mundra
17	JWR CFS
18	Ashte Logistics CFS, Panvel
19	Sarveshwar CFS
20	Seabird CFS, Navi Mumbai
21	MICT CFS, Mundra
22	Landmark CFS, Mundra
23	Seabird CFS, Mundra
24	Punjab Conware CFS, Navi Mumbai

25	Apollo Logisolutions CFS, Panvel
26	TG Terminals CFS, Mundra
27	International Cargo Terminal CFS
28	Hind Terminal CFS, Hazira
29	TG Terminals CFS
30	Honey Comb CFS, Mundra
31	Vaishno Logistics CFS, Navi Mumbai
32	Mundhra CFS, Mundra
33	Rishi CFS, Mundra
34	Navkar Corporation Yard 2 CFS, Panvel
35	Ashutosh CFS, Mundra
36	Balmer & Lawrie CFS, Navi Mumbai
37	Seabird CFS, Hazira
38	Dronagiri Rail Terminal CFS, Navi Mumbai
39	Ocean Gate CFS, Panvel
40	Take Care Logistics CFS
41	APM (Maersk India) CFS, Navi Mumbai
42	Indev Logistics CFS, Panvel
43	Empezar Logistics CFS
44	Maersk Annex (APM)CFS, Navi Mumbai
45	Navkar Corporation Yard 1 CFS, Panvel
46	Maharashtra State Corp CFS
47	A V Joshi CFS
48	Transworld CFS, Mundra



**THANK YOU**