Terminal wise Dwell Time Performance – Snapshot

Import Cycle				Export Cycle		
Port	Dec'20 (in hrs)	Jan'21 (in hrs)		Port	Dec'20 (in hrs)	Jan'21 (in hrs)
JNPCT	28.0	28.3		JNPCT	90.3	75.4
NSICT	17.0	22.2		NSICT	65.7	64.9
GTI	16.3	20.1		GTI	68.5	74.5
NSIGT	19.2	21.5		NSIGT	81.1	88.5
BMCT/PSA	24.1	23.3		BMCT/PSA	78.5	79.6

Critical Incident Summary

Jawaharlal Nehru Port Terminals

- Container handling performance in both Import cycle & Export cycle has deteriorated as compared to last month.
- Container handling performance at both CFS and ICD has deteriorated as compared to last month.

Month	Import Cycle – Dwell Time	Export Cycle – Dwell Time	CFS Dwell Time	ICD
January'21	22.9 hrs	76.8 hrs	90.6 hrs	127.8 hrs
December'20	20.8 hrs	76.6 hrs	84.2 hrs	127.5 hrs
	10%	0.3%	8%	0.2%

Container Transportation Performance - Western Corridor

Port Dwell Time

IMPORT

Mode	Dec'20 (in hrs)	Jan'21 (in hrs)
Overall	26.6	24.5
Truck	24.5	22.1
Train	55.4	64.6

EXPORT

Mode	Dec'20 (in hrs)	Jan'21 (in hrs)
Overall	100.5	103.2
Truck	100.0	100.4
Train	103.0	118.1

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

Inland Container Depot (ICD)

Container Freight Stations (CFS)

The marked entries showcase increase in performance in comparison to Dec'20

The marked entries showcase decrease in performance in comparison to Dec'20

Entity	Dec'20 (in hrs)	Jan'21 (in hrs)
CFS	86.9	92.1
ICD	127.5	127.8

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Performance Benchmarking - Port Terminals

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

Port Terminal Performance Index – Jan'21

Quadrant : II
Star performer

High | Container Volume

Quadrant : I
Slow Bulk Movers

- MICT
- AICT
- NSIGT
- GTI
- BMCT
- NSICT
- AMCT
- ACMTTL
- JNPCT
- KICT
- AHPPL

low | High

Dwell Time

Quadrant : III
High Potential

low

Quadrant : IV
Laggard
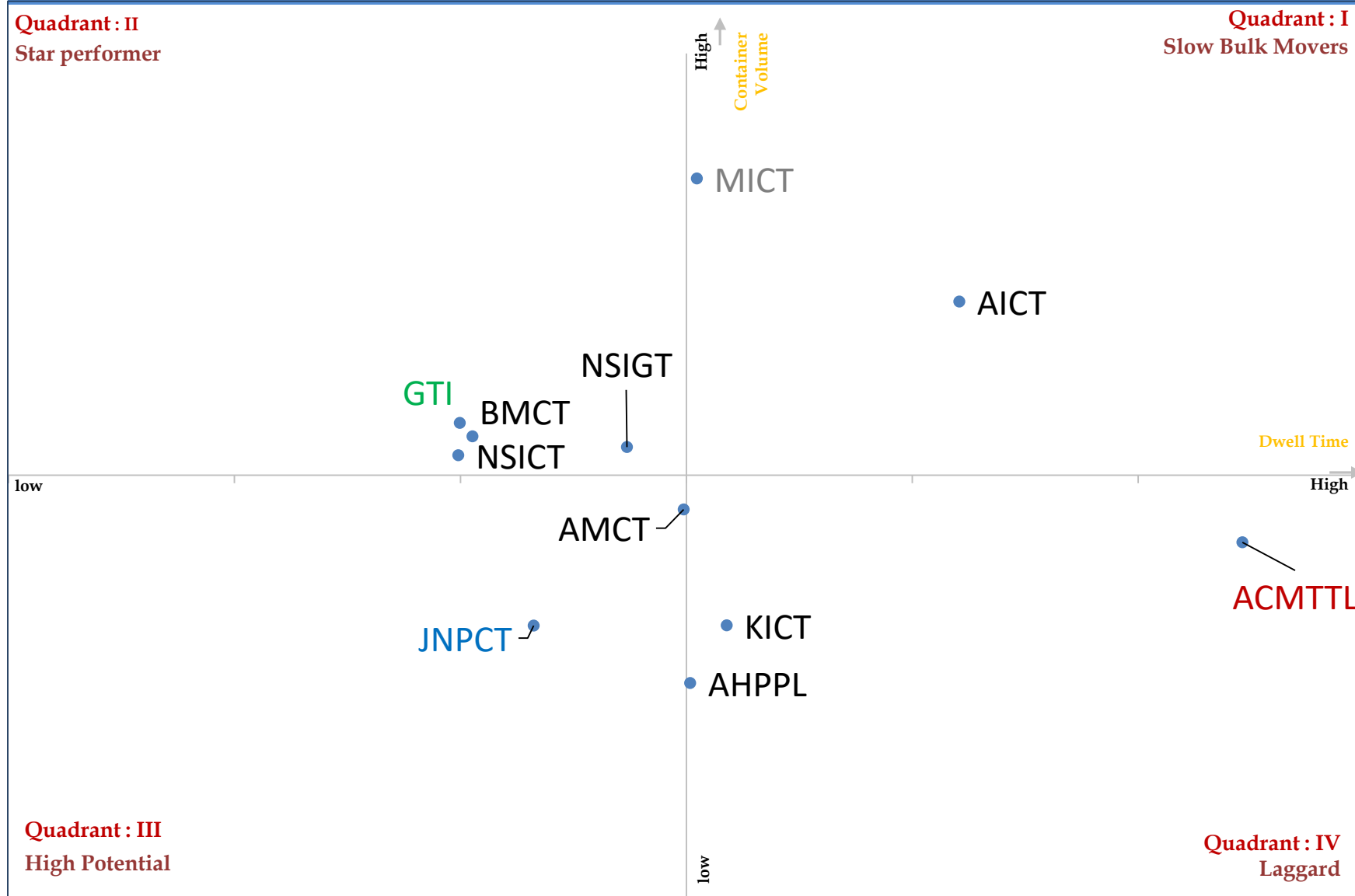
Performance benchmarking for Port Terminals covered under LDB project for Jan'21

Top Performing Terminal	
Gateway Terminals India (GTI)	
Dec'20	Jan'21
34.8 Hrs	37.0 Hrs.

Low Performing Terminal	
Adani CMA Mundra Terminal (ACMTTL)	
Dec'20	Jan'21
92.8 Hrs	131.5 Hrs

Note: The performance benchmarking is based on performance index

The arrows depict increase/decrease in overall performance of the stakeholders in comparison to Dec'20

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

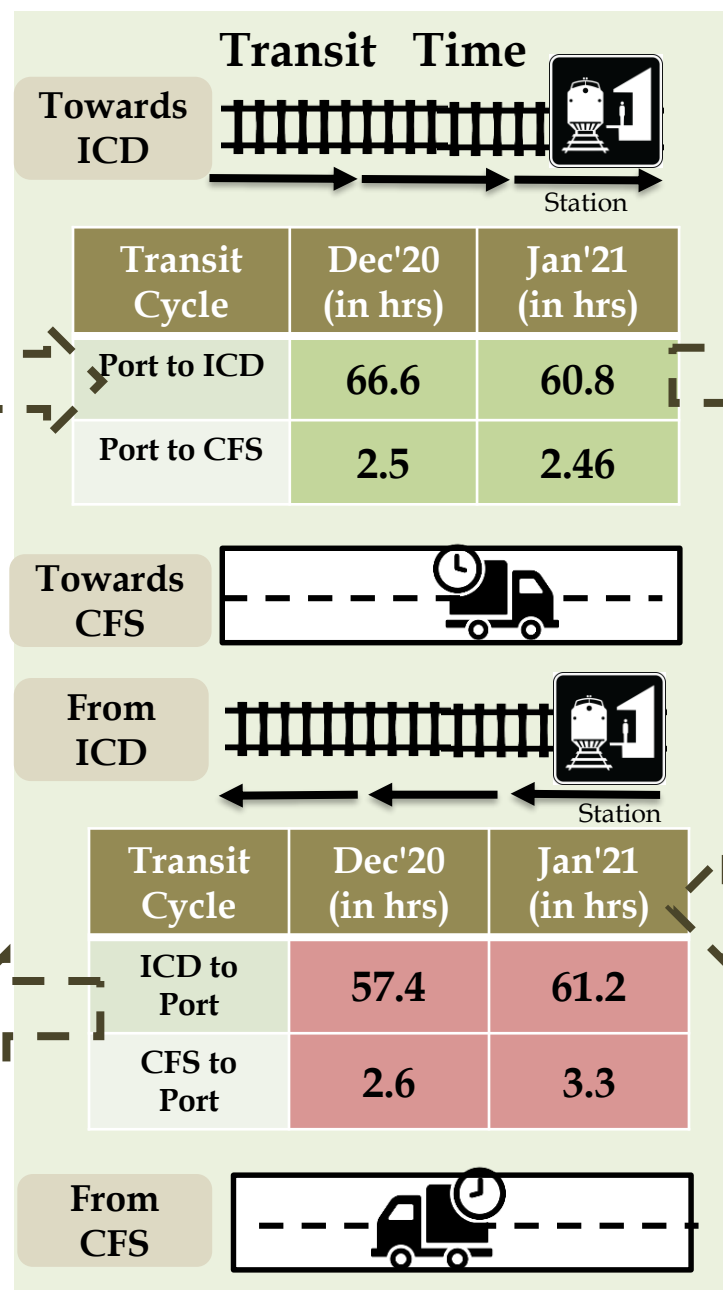**Slow Bulk Movers :** consist of entities which have catered higher container volume at higher dwell time

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 Transportation- JNPT Port Terminals

Container Lifecycle (Import Cycle)

IMPORT

Port Dwell Time

Mode	Dec'20 (in hrs)	Jan'21 (in hrs)
Overall	20.8	22.9
Truck	17.9	19.6
Train	47.2	52.7

EXPORT

Mode	Dec'20 (in hrs)	Jan'21 (in hrs)
Overall	76.6	76.8
Truck	78.3	76.5
Train	61.6	79.5

Transit Time

Towards ICD — Station

Transit Cycle	Dec'20 (in hrs)	Jan'21 (in hrs)
Port to ICD	66.6	60.8
Port to CFS	2.5	2.46

Towards CFS

From ICD — Station

Transit Cycle	Dec'20 (in hrs)	Jan'21 (in hrs)
ICD to Port	57.4	61.2
CFS to Port	2.6	3.3

From CFS

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

ICD   CFS

Entity	Dec'20 (in hrs)	Jan'21 (in hrs)
CFS	84.2	90.6
ICD	127.5	127.8

Volume distribution at port terminal – Truck/Rail

	Truck	Rail
Import	94%	6%
Export	74%	26%

The marked entries showcase the increase in performance as compared to Dec'20

The marked entries showcase the decrease in performance as compared to Dec'20

Container Lifecycle (Export Cycle)

Container Transportation- JNPT Port Terminals

%IMPORT CYCLE DWELL TIME (Jan'21 – in hrs)			Compared to Dec'20	
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	22.9	10%	⬇
	Port Dwell Time for Truck Bound Containers	19.6	9%	⬇
	Port Dwell time for Train Bound Containers	52.7	12%	⬇
	Port Dwell time Direct Port Delivery (DPD) containers	38.4	11%	⬇
	Port Dwell time Containers bound for CFS	17.8	4%	⬇
	Port Dwell for Empty Containers	24.8	15%	⬇
	Port Dwell for Laden Containers	22.5	9%	⬇
TRANSIT TIME	Port to ICD	60.8	9%	⬆
	Port to CFS	2.46	2%	⬆

EXPORT CYCLE DWELL TIME (Jan'21– in hrs)			Compared to Dec'20	
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	76.8	0.3%	⬇
	Port Dwell Time for Truck Bound Containers	76.5	2%	⬆
	Port Dwell time for Train Bound Containers	79.5	29%	⬇
	Port Dwell time Direct Port Entry (DPE) containers	80.8	2%	⬆
	Port Dwell time Containers bound from CFS	74.3	0.3%	⬇
	Port Dwell for Empty Containers	70.6	11%	⬆
	Port Dwell for Laden Containers	79.1	3%	⬇
TRANSIT TIME	ICD to Port	61.2	7%	⬇
	CFS to Port	3.3	29%	⬇

⬆⬇ The arrows depict increase/ decrease in performance of the stakeholders in comparison to Dec'20

# JNPT Region: Parking Plaza Dwell Time Analysis

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	Dec'20 (in hrs)	Jan'21
Overall Parking Plaza	1.6	6.4

Container Handled: Day wise (Jan'21)

Parking Plaza	Within 6 hrs	Within 6 – 24 hrs	More than 24 hrs
JNPT Central Parking Plaza	46%	49%	5%
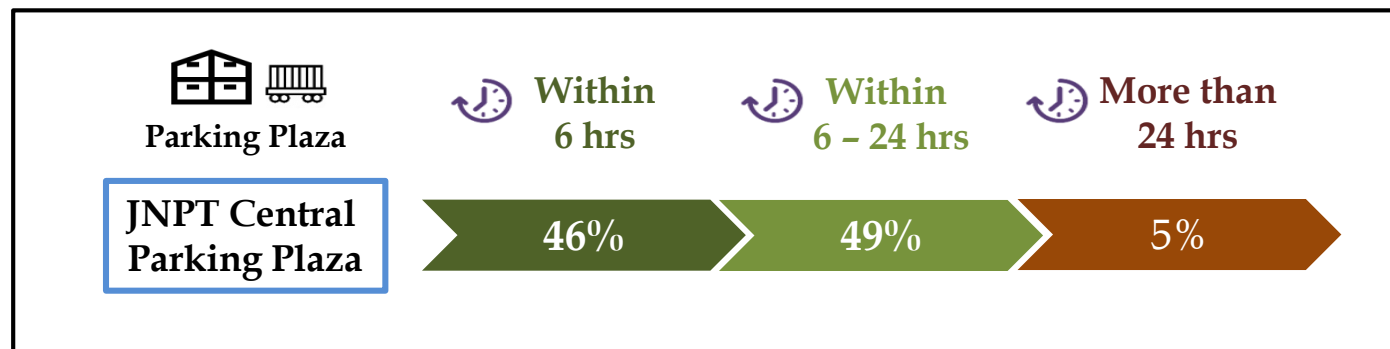
Parking Plaza Gate Out – Terminal In

Mode	Dec'20 (in hrs)	Jan'21 (in hrs)
Overall Parking Plaza to JNPT Port	1.4	2.1

Port	Dec'20 (in hrs)	Jan'21 (in hrs)
JNPCT	1.6	2.0
NSICT	1.1	2.3
GTI	1.1	1.1
NSIGT	1.2	1.7
BMCT	5.3	3.9

Container Handled: Day wise (Jan'21)

Port Terminals	Within 6 hrs	Within 6 – 24 hrs	More than 24 hrs
JNPCT	86%	13%	1%
NSICT	87%	12%	1%
GTI	91%	8%	1%
NSIGT	92%	7%	1%
BMCT	78%	21%	1%

CFS/ICD Performance Benchmarking & Performance Index - Western Corridor
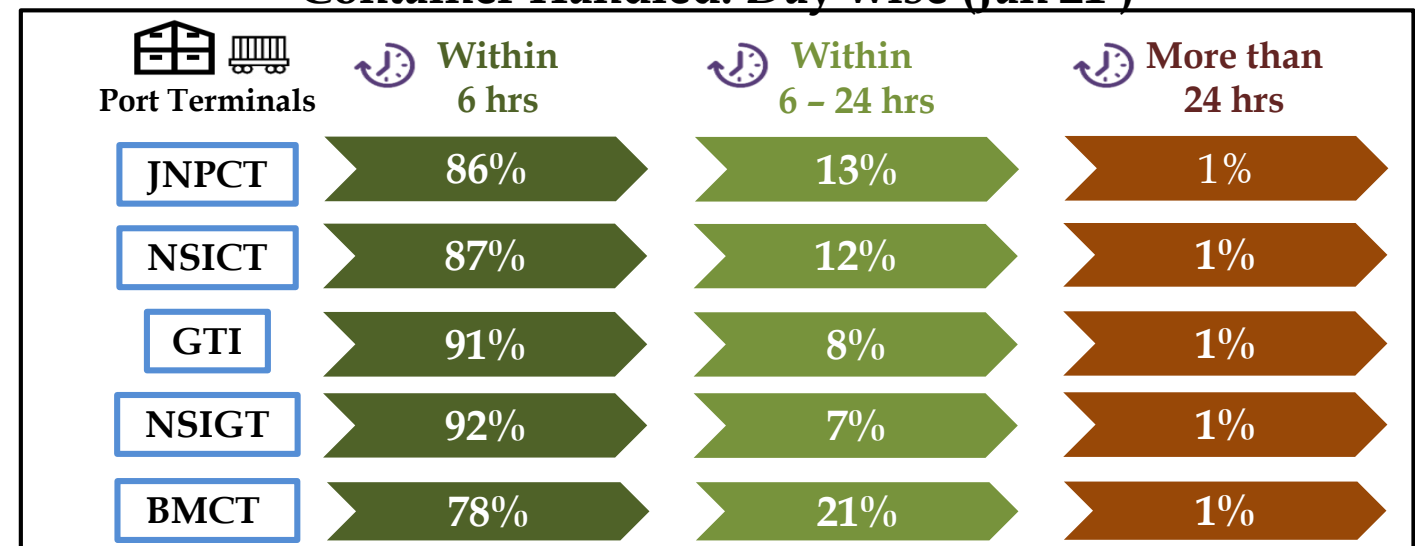
CFS — Performance Benchmarking — **ICD**

Top Performing CFS	
AllCargo Logistics	
Dec'20	Jan'21
84.3 hrs	90.5 hrs

Top Performing ICD	
Gateway Rail Freight ICD, Gurgaon	
Dec'20	Jan'21
142.4 hrs	110.0 hrs

Low Performing ICD	
Take Care Logistics CFS	
Dec'20	Jan'21
121.6 hrs	126.8 hrs

Low Performing ICD	
GatewayRail Freight ICD, Pyala	
Dec'20	Jan'21
139.8 hrs	163.6 hrs

Note: The performance benchmarking is based on performance index
The arrows depict increase/decrease in overall performance of the stakeholders as compared to Dec'20

Performance Index: Western Corridor CFS

Quadrant : II
Star performer

Quadrant : I
Slow Bulk Movers

High — Container Volume

AllCargo Logistics

CWC Hind Terminal CFS, Navi Mumbai

3
4
5
6
10 7
8 9
11

Dwell Time — High

12
13

Quadrant : III
High Potential

low

14
15 16
18
21 20 19
22
23 24 25 27
26
30

Dronagiri Rail Terminal CFS, Navi Mumbai

Take Care Logistics CFS

29

Quadrant : IV
Laggard

low
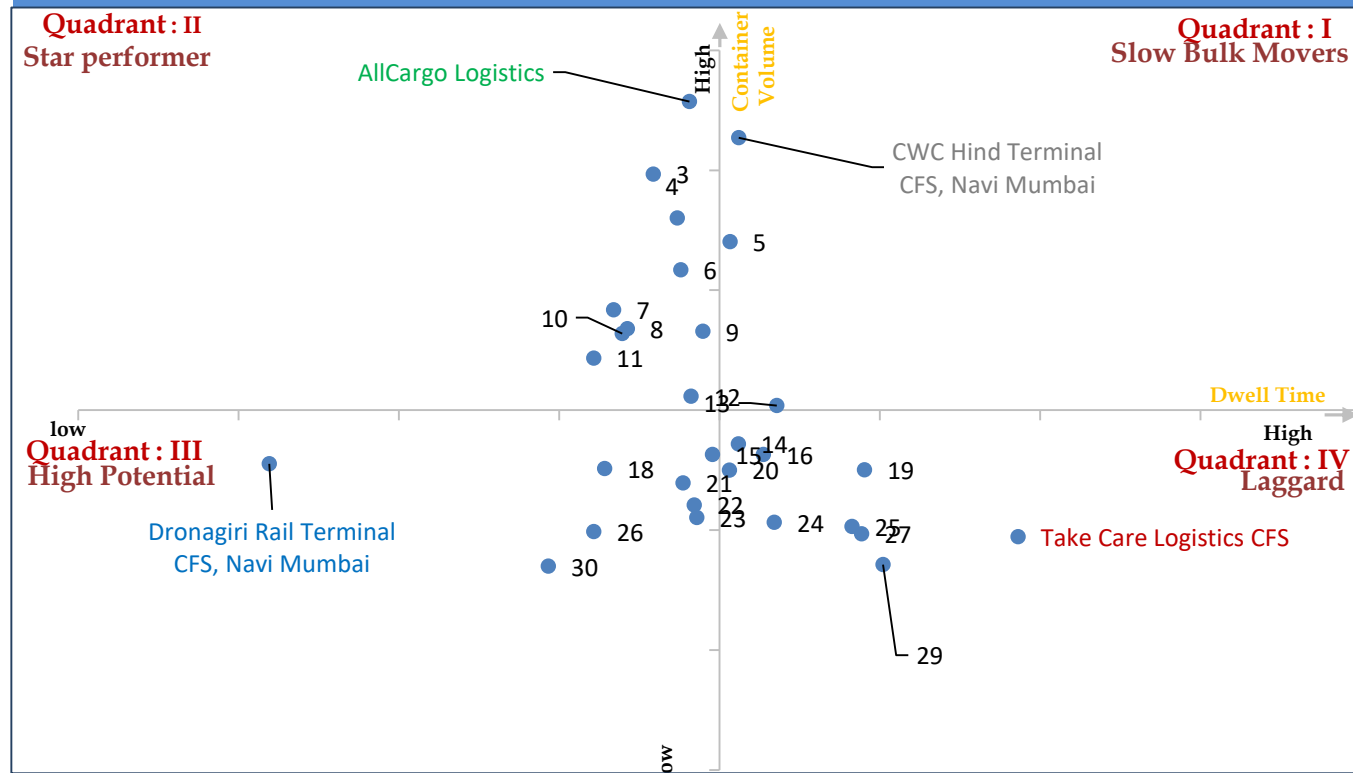
Kindly refer to Annexure section for the names of CFS

Performance Index: ICD

Quadrant : II
Star performer

Quadrant : I
Slow Bulk Movers

High — Container Volume

Albatross Inland Ports ICD, Dadri

Allcargo Logistics Park ICD, Dadri

Gateway Rail Freight ICD, Gurgaon

Hind Terminals Logistics Park ICD, Palwal

APM Terminals ICD, Dadri

low — Dwell Time — High

ACTL ICD, Faridabad

CMA CGM Logistics Park, Dadri

Adani Logistics Park ICD, Gurgaon

GatewayRail Freight ICD, Pyala

Quadrant : III
High Potential

low

Quadrant : IV
Laggard

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
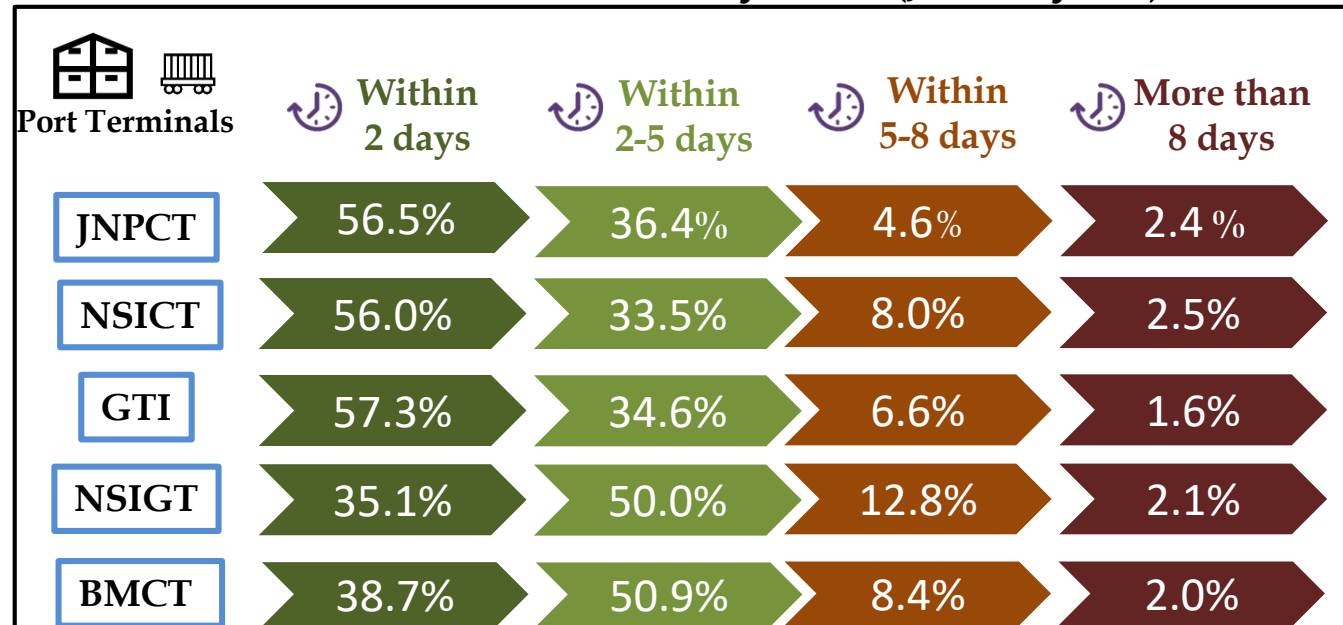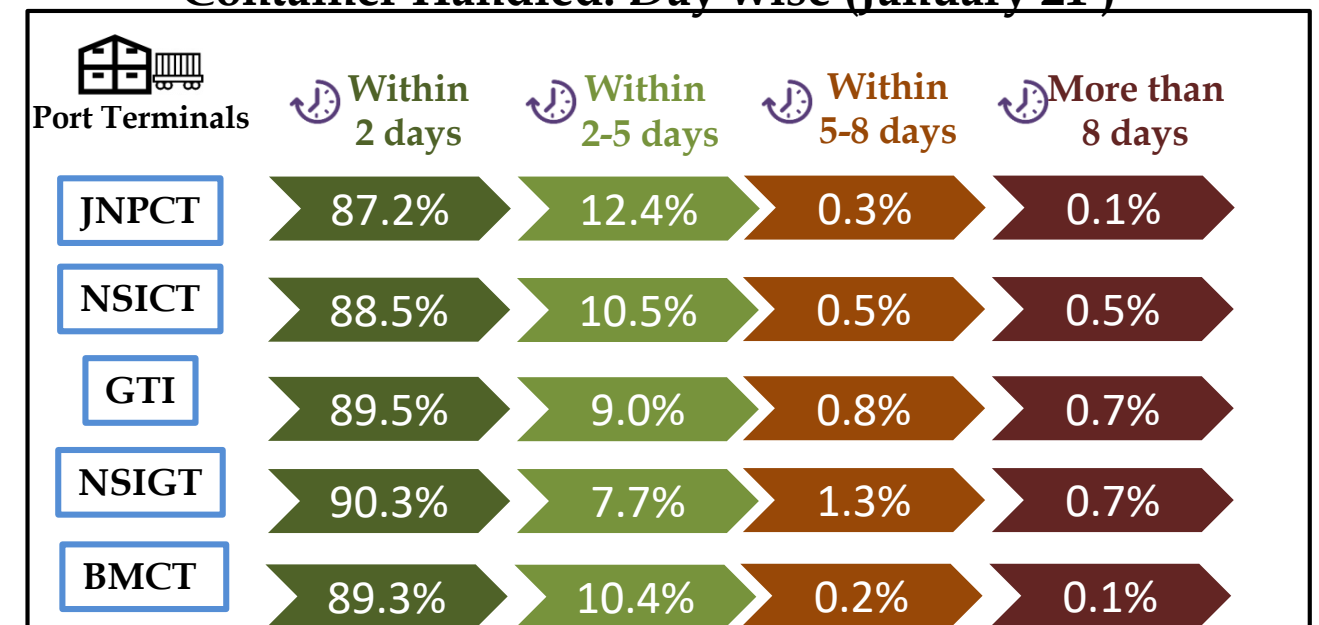
PORT IMPORT via TRAIN
(6% of total import volume at JNPT Port)

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	December'20 (in hrs)	January'21 (in hrs)
JNPCT	33.9	43.0
NSICT	53.2	44.5
GTI	35.7	43.0
NSIGT	55.6	63.5
BMCT	56.7	62.2

Container Handled: Day wise (January'21)

Port Terminals	Within 2 days	Within 2-5 days	Within 5-8 days	More than 8 days
JNPCT	56.5%	36.4%	4.6%	2.4%
NSICT	56.0%	33.5%	8.0%	2.5%
GTI	57.3%	34.6%	6.6%	1.6%
NSIGT	35.1%	50.0%	12.8%	2.1%
BMCT	38.7%	50.9%	8.4%	2.0%

PORT IMPORT via TRUCK
(94% 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	December'20 (in hrs)	January'21 (in hrs)
JNPCT	27.2	27.0
NSICT	15.1	19.4
GTI	13.6	15.8
NSIGT	16.1	16.7
BMCT	19.6	19.8

Container Handled: Day wise (January'21)

Port Terminals	Within 2 days	Within 2-5 days	Within 5-8 days	More than 8 days
JNPCT	87.2%	12.4%	0.3%	0.1%
NSICT	88.5%	10.5%	0.5%	0.5%
GTI	89.5%	9.0%	0.8%	0.7%
NSIGT	90.3%	7.7%	1.3%	0.7%
BMCT	89.3%	10.4%	0.2%	0.1%

JNPT Port Terminal: Dwell Time Performance (Import Cycle)

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

JNPCT

Port Dwell time based on transit type		
January'21	Direct Port Delivery containers	Containers bound for CFS
Dwell time (in hrs)	33.4 hrs	26.2 hrs

Port Dwell time based on container type		
January'21	Laden Containers	Empty Containers
Dwell time (in hrs)	28.4 hrs	27.6 hrs

GTI

Port Dwell time based on transit type		
January'21	Direct Port Delivery containers	Containers bound for CFS
Dwell time (in hrs)	38.1 hrs	14.7 hrs

Port Dwell time based on transit type		
January'21	Laden Containers	Empty Containers
Dwell time (in hrs)	17.4 hrs	22.4 hrs

JNPT Port Terminal: Dwell Time Performance (Import Cycle)

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

NSICT

Port Dwell time based on transit type

January'21	Direct Port Delivery containers	Containers bound for CFS
Dwell time (in hrs)	40.9 hrs	17.1 hrs

December

January'21	Laden Containers	Empty Containers
Dwell time (in hrs)	22.2 hrs	22.0 hrs

NSIGT

Port Dwell time based on transit type

January'21	Direct Port Delivery containers	Containers bound for CFS
Dwell time (in hrs)	46.7 hrs	14.7 hrs

Port Dwell time based on container type

January'21	Laden Containers	Empty Containers
Dwell time (in hrs)	20.4 hrs	24.8 hrs

BMCT

Port Dwell time based on transit type

January'21	Direct Port Delivery containers	Containers bound for CFS
Dwell time (in hrs)	36.9 hrs	18.6 hrs

Port Dwell time based on container type

January'21	Laden Containers	Empty Containers
Dwell time (in hrs)	22.7 hrs	30.2 hrs

JNPT Region: Congestion Analysis (Import Cycle)

The Below map indicate congestion around JNPT region in Import Cycle in month of January'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	January'21
Mumbai region	50%
NH3	3%
Pune	13%
NH8	25%
others	10%

Train
VOLUME WISE CONTAINER MOVEMENT

Region	January'21
Vadodra Route	34%
Ratlam Route	25%
Wardha Route	18%
Kota Route	20%
Bhopal Route	3%

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

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

Heat Map via Truck: January'21

Container movement via Rail – January'21

Western Corridor Toll Plaza Analysis
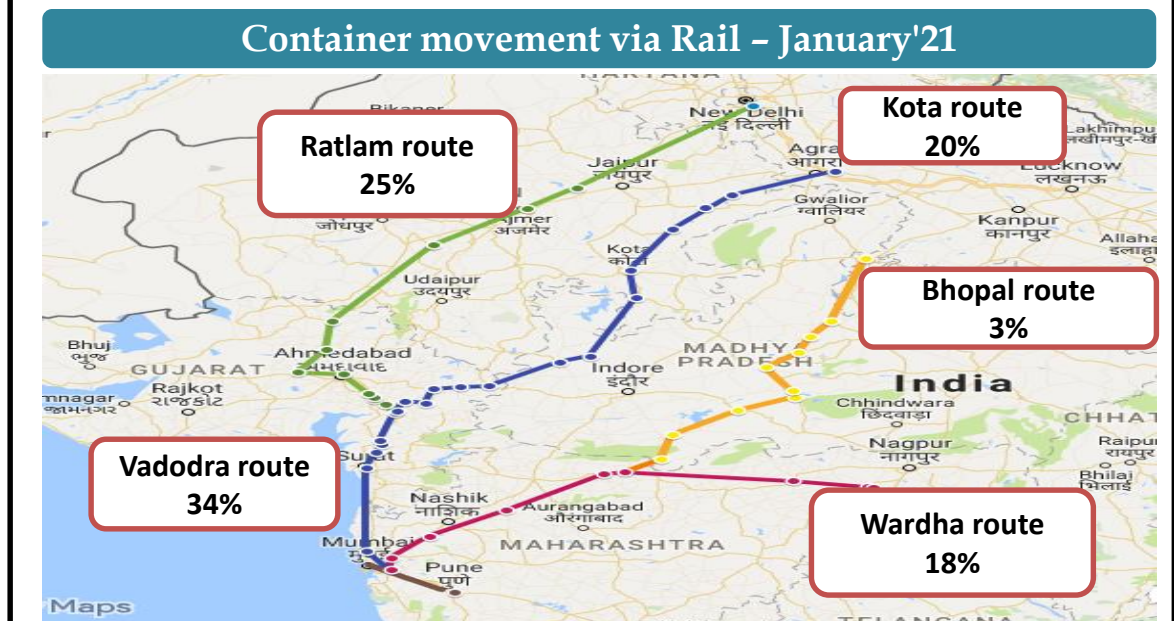
Avg. Speed between Toll to Toll Plazas

	Source	Destination Toll Plaza	Inter Distance (Km)	Dec'20 (in km/hrs)	Jan'21 (in km/hrs)
JNPT	JNPT	Khaniwade	94	13.8	14.3
	JNPT	Khalapur	60	12.5	13.3
	Khaniwade	Charoti	50	37.2	36.8
	Charoti	Boriach	126	27.5	29.4
	Boriach	Bharthan	142	31.9	32.1
	Bharthan	Vasad	60	38.8	39.3
	Khalalpur	Khedshivpur	105	32.3	35.3
	Daulatpura	Kherki	199	23.0	8.8
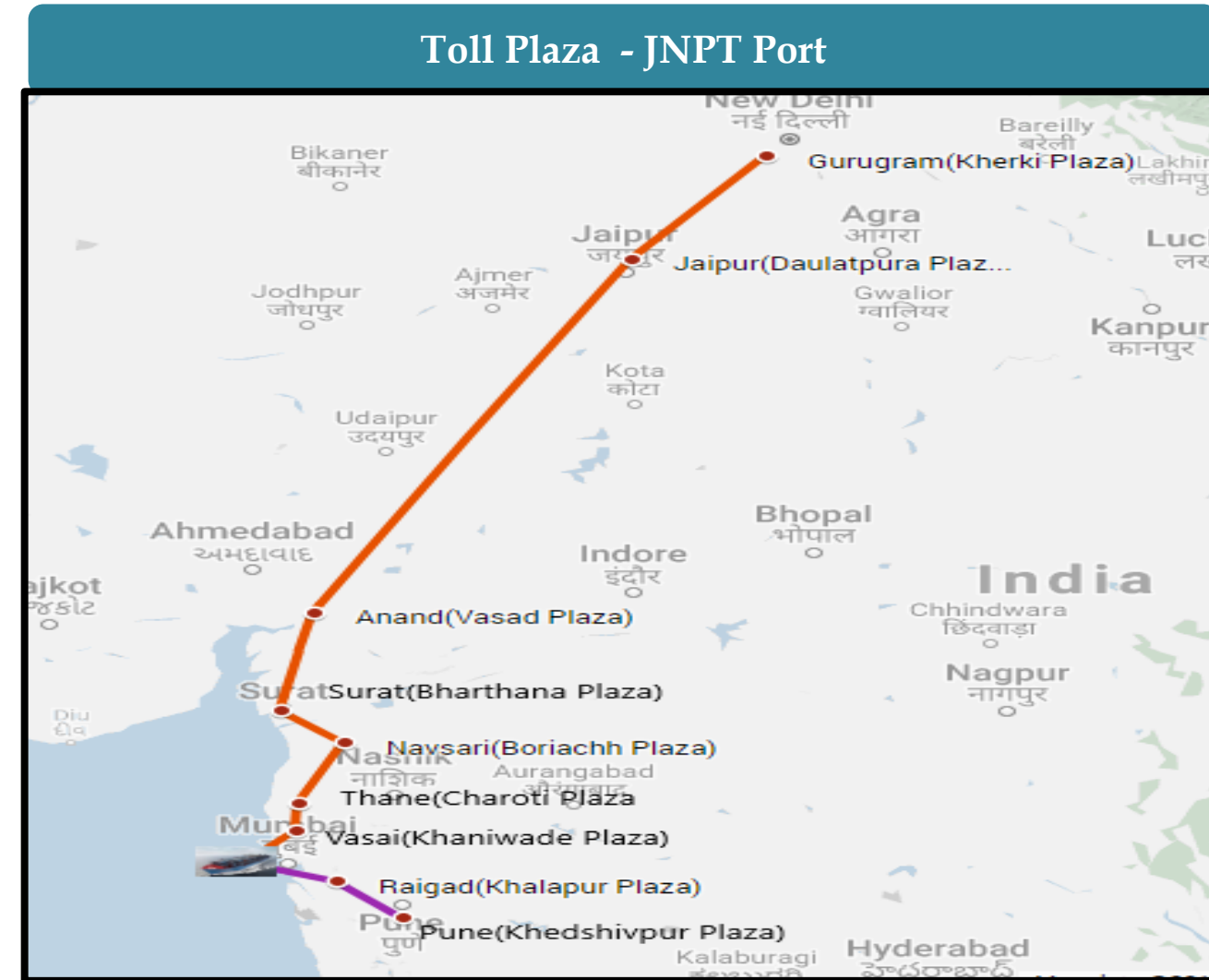
Toll Plaza - JNPT Port

Export Cycle Analysis

JNPT Region: Dwell Time Performance (Export Cycle)

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
(26% 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	December'20 (in hrs)	January'21 (in hrs)
JNPCT	106.2	131.1
NSICT	8.1	13.9
GTI	79.8	105.3
NSIGT	111.1	119.4
BMCT	68.8	89.6

Container Handled: Day wise (January'21)

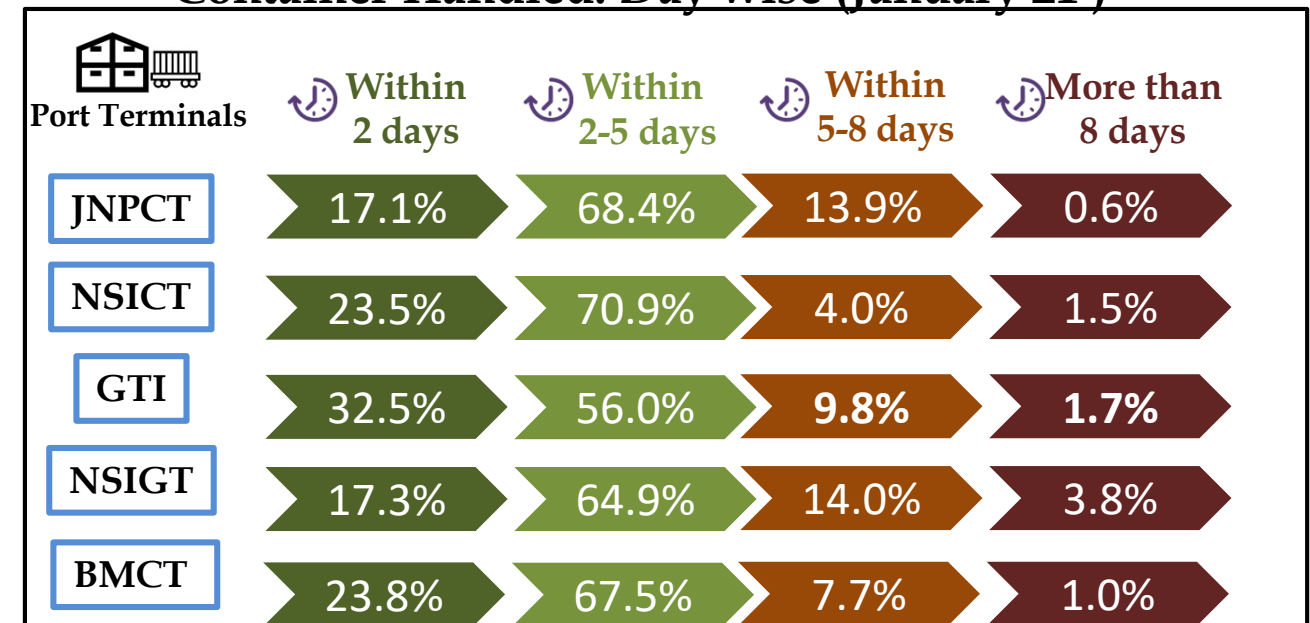| Port Terminals	Within 2 days	Within 2-5 days	Within 5-8 days	More than 8 days
JNPCT	1.7%	41.2%	40.9%	16.3%
NSICT	68.8%	17.3%	11.3%	2.6%
GTI	20.9%	34.6%	23.9%	20.6%
NSIGT	9.1%	41.3%	34.1%	15.6%
BMCT	23.9%	41.6%	22.9%	11.6%
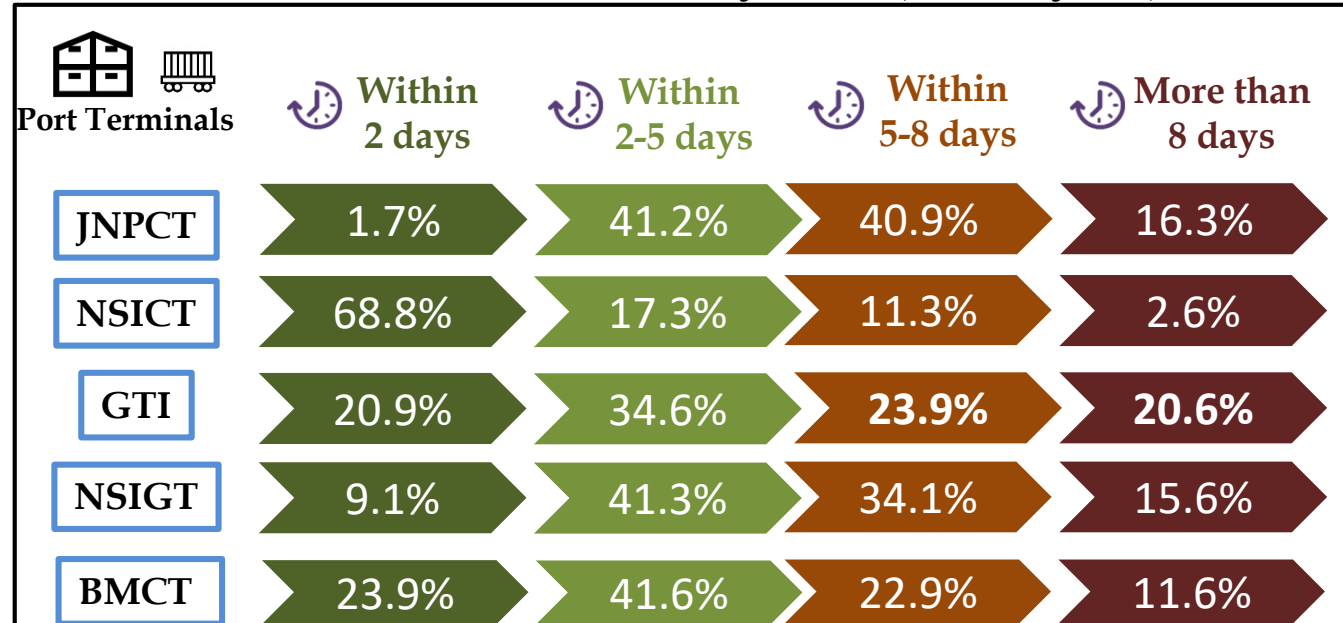
PORT EXPORT via TRUCK
(74% of total export volume at JNPT Port)

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	December'20 (in hrs)	January'21 (in hrs)
JNPCT	89.7	74.9
NSICT	81.1	73.7
GTI	66.8	67.6
NSIGT	78.2	85.3
BMCT	79.5	77.1

Container Handled: Day wise (January'21)

Port Terminals	Within 2 days	Within 2-5 days	Within 5-8 days	More than 8 days
JNPCT	17.1%	68.4%	13.9%	0.6%
NSICT	23.5%	70.9%	4.0%	1.5%
GTI	32.5%	56.0%	9.8%	1.7%
NSIGT	17.3%	64.9%	14.0%	3.8%
BMCT	23.8%	67.5%	7.7%	1.0%

JNPT Region: Dwell Time Performance (Export Cycle)

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

JNPCT

Port Dwell time based on transit type

January'21	Direct Port Exports containers	Containers bound for CFS
Dwell time (in hrs)	76.3 hrs	63.5 hrs

Port Dwell time based on container type

January'21	Laden Containers	Empty Containers
Dwell time (in hrs)	76.7 hrs	76.3 hrs

GTI

Port Dwell time based on transit type

January'21	Direct Port Exports containers	Containers bound for CFS
Dwell time (in hrs)	74.1 hrs	66.4

Port Dwell time based on container type

January'21	Laden Containers	Empty Containers
Dwell time (in hrs)	73.9 hrs	56.4 hrs

JNPT Region: Dwell Time Performance (Export Cycle)

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

NSICT

Port Dwell time based on transit type		
January'21	Direct Port Exports containers	Containers bound for CFS
Dwell time (in hrs)	77.1 hrs	73.3 hrs

Port Dwell time based on container type		
January'21	Laden Containers	Empty Containers
Dwell time (in hrs)	72.3 hrs	59.2 hrs

NSIGT

Port Dwell time based on transit type		
January'21	Direct Port Exports containers	Containers bound for CFS
Dwell time (in hrs)	89.9 hrs	84.9 hrs

Port Dwell time based on container type		
January'21	Laden Containers	Empty Containers
Dwell time (in hrs)	87.8 hrs	75.4 hrs

BMCT

Port Dwell time based on transit type		
January'21	Direct Port Exports containers	Containers bound for CFS
Dwell time (in hrs)	57.0 hrs	78.0 hrs

Port Dwell time based on container type		
January'21	Laden Containers	Empty Containers
Dwell time (in hrs)	79.6 hrs	74.0 hrs

JNPT Region: Congestion Analysis (Export Cycle)

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Logistics Redefined

The Below map indicate congestion around JNPT region in Export Cycle in month of January'21
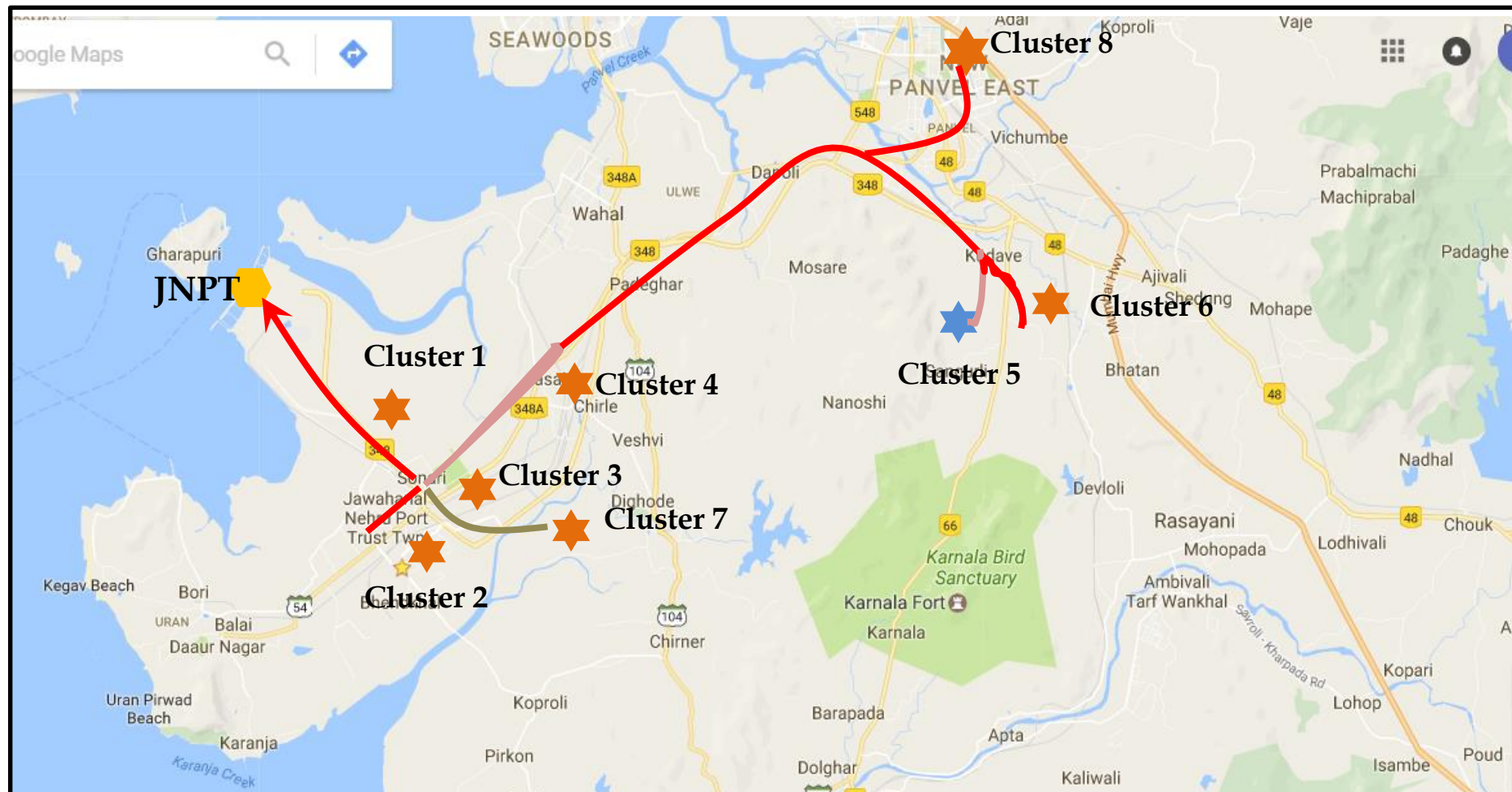
Clusters with bottleneck

CLUSTER 1	JNPT Area
CLUSTER 2	Bhendkhal area, Khopate road
CLUSTER 3	Sonari area, JNPT road
CLUSTER 4	Chirle area , JNPT road
CLUSTER 6	Salva apta rd area, Bangalore highway
CLUSTER 7	Patilpada area, Khopate JNPT road
CLUSTER 8	Taloja, Navi Mumbai

Clusters without bottleneck

CLUSTER 5	Plaspa area, Coach kanyakumari Highway

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

GTI Terminal	JNPCT Terminal	NSICT Terminal	NSIGT Terminal	BMCT Terminal
Congestion Level Export Cycle :-	**Congestion Level** Export Cycle :-	**Congestion Level** Export Cycle :-	**Congestion Level** Export Cycle :-	**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 Region: Container Movement via Train

JNPT Port	
Route	**Percentage of Container Movement**
Vadodra Route	32%
Ratlam Route	26%
Wardha Route	23%
Kota Route	16%
Bhopal Route	3%

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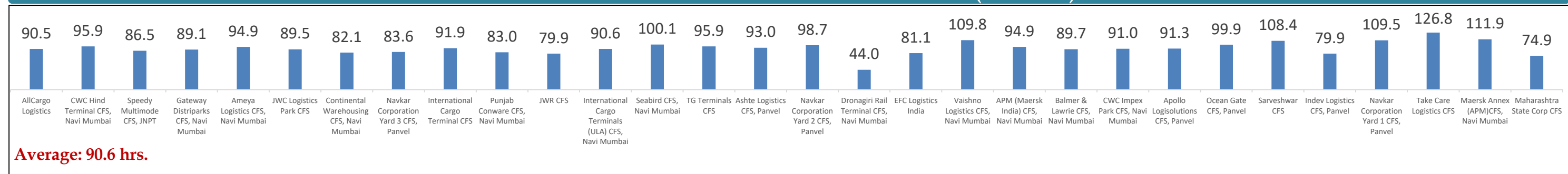

Container movement via Rail – January'21

Kota route
16%

Ratlam route
26%

Bhopal route
3%

Vadodra route
32%

Wardha route
23%
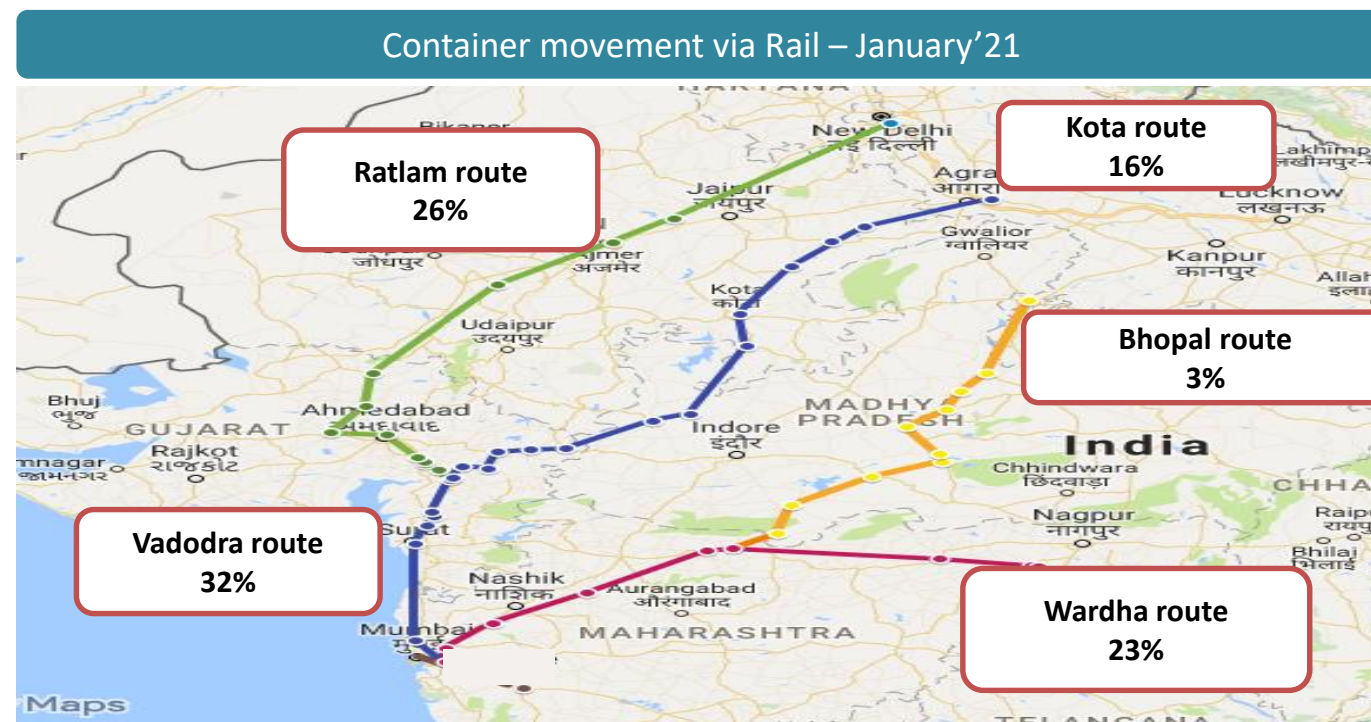
CFS and ICD Performance

JNPT region CFS : CFS DWELL TIME ANALYSIS
Below table and graphs show the dwell time of the respective CFSs for the month of January'21

CFS Dwell Time (in hrs.)

CFS	Dec'20 (in hrs)	Jan'21 (in hrs)	CFS	Dec'20 (in hrs)	Jan'21 (in hrs)
AllCargo Logistics	84.3	90.5	Navkar Corporation Yard 2 CFS, Panvel	100.6	98.7
CWC Hind Terminal CFS, Navi Mumbai	95.3	95.9	Dronagiri Rail Terminal CFS, Navi Mumbai	43.4	44.0
Speedy Multimode CFS, JNPT	78.3	86.5	EFC Logistics India	83.4	81.1
Gateway Distriparks CFS, Navi Mumbai	77.4	89.1	Vaishno Logistics CFS, Navi Mumbai	96.8	109.8
Ameya Logistics CFS, Navi Mumbai	96.4	94.9	APM (Maersk India) CFS, Navi Mumbai	88.5	94.9
JWC Logistics Park CFS	82.0	89.5	Balmer & Lawrie CFS, Navi Mumbai	89.2	89.7
Continental Warehousing CFS, Navi Mumbai	73.3	82.1	CWC Impex Park CFS, Navi Mumbai	75.6	91.0
Navkar Corporation Yard 3 CFS, Panvel	82.0	83.6	Apollo Logisolutions CFS, Panvel	90.8	91.3
International Cargo Terminal CFS	84.8	91.9	Ocean Gate CFS, Panvel	97.3	99.9
Punjab Conware CFS, Navi Mumbai	74.8	83.0	Sarveshwar CFS	94.4	108.4
JWR CFS	66.6	79.9	Indev Logistics CFS, Panvel	76.3	79.9
International Cargo Terminals (ULA) CFS, Navi Mumbai	86.8	90.6	Navkar Corporation Yard 1 CFS, Panvel	99.6	109.5
Seabird CFS, Navi Mumbai	96.1	100.1	Take Care Logistics CFS	121.6	126.8
TG Terminals CFS	85.7	95.9	Maersk Annex (APM)CFS, Navi Mumbai	102.5	111.9
Ashte Logistics CFS, Panvel	93.8	93.0	Maharashtra State Corp CFS	69.3	74.9

CFS – DWELL OVERVIEW – DECEMBER'20 (IN HRS)

CFS	Value
AllCargo Logistics	90.5
CWC Hind Terminal CFS, Navi Mumbai	95.9
Speedy Multimode CFS, JNPT	86.5
Gateway Distriparks CFS, Navi Mumbai	89.1
Ameya Logistics CFS, Navi Mumbai	94.9
JWC Logistics Park CFS	89.5
Continental Warehousing CFS, Navi Mumbai	82.1
Navkar Corporation Yard 3 CFS, Panvel	83.6
International Cargo Terminal CFS	91.9
Punjab Conware CFS, Navi Mumbai	83.0
JWR CFS	79.9
International Cargo Terminals (ULA) CFS, Navi Mumbai	90.6
Seabird CFS, Navi Mumbai	100.1
TG Terminals CFS	95.9
Ashte Logistics CFS, Panvel	93.0
Navkar Corporation Yard 2 CFS, Panvel	98.7
Dronagiri Rail Terminal CFS, Navi Mumbai	44.0
EFC Logistics India	81.1
Vaishno Logistics CFS, Navi Mumbai	109.8
APM (Maersk India) CFS, Navi Mumbai	94.9
Balmer & Lawrie CFS, Navi Mumbai	89.7
CWC Impex Park CFS, Navi Mumbai	91.0
Apollo Logisolutions CFS, Panvel	91.3
Ocean Gate CFS, Panvel	99.9
Sarveshwar CFS	108.4
Indev Logistics CFS, Panvel	79.9
Navkar Corporation Yard 1 CFS, Panvel	109.5
Take Care Logistics CFS	126.8
Maersk Annex (APM)CFS, Navi Mumbai	111.9
Maharashtra State Corp CFS	74.9

Average: 90.6 hrs.

ICD DWELL TIME ANALYSIS

The table below depicts the dwell of all ICDs

ICD Dwell Time (in Hrs)		
ICD	Dec'20 (in hrs)	Jan'21 (in hrs)
ACTL ICD, Faridabad	116.2	118.1
Adani Logistics Park ICD, Gurgaon	133.6	123.1
Albatross Inland Ports ICD, Dadri	126.8	126.9
Allcargo Logistics Park ICD, Dadri	113.3	117.2
APM Terminals ICD, Dadri	145.7	140.4
CMA CGM Logistics Park, Dadri	114.7	119.7
Gateway Rail Freight ICD, Gurgaon	142.4	110.0
GatewayRail Freight ICD, Pyala	139.8	163.6
Hind Terminals Logistics Park ICD, Palwal	139.2	125.0

ICD – DWELL OVERVIEW (JANUARY'21) (In Hrs)

Avg. 127.8 hrs.

Trend Analysis
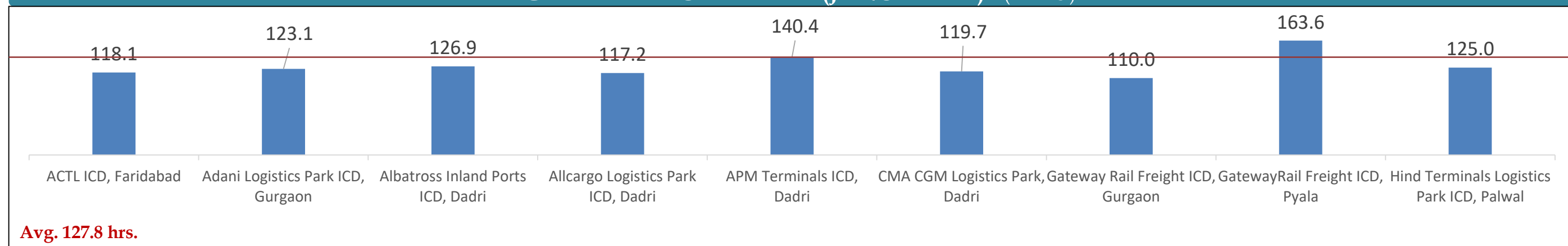
Western Corridor Port – Yearly Analysis

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

Import Cycle

Dwell Time – Gujarat Region Vs JNPT Region

Volume – Gujarat Region Vs JNPT Region

Export Cycle

Dwell Time – Gujarat Region Vs JNPT Region
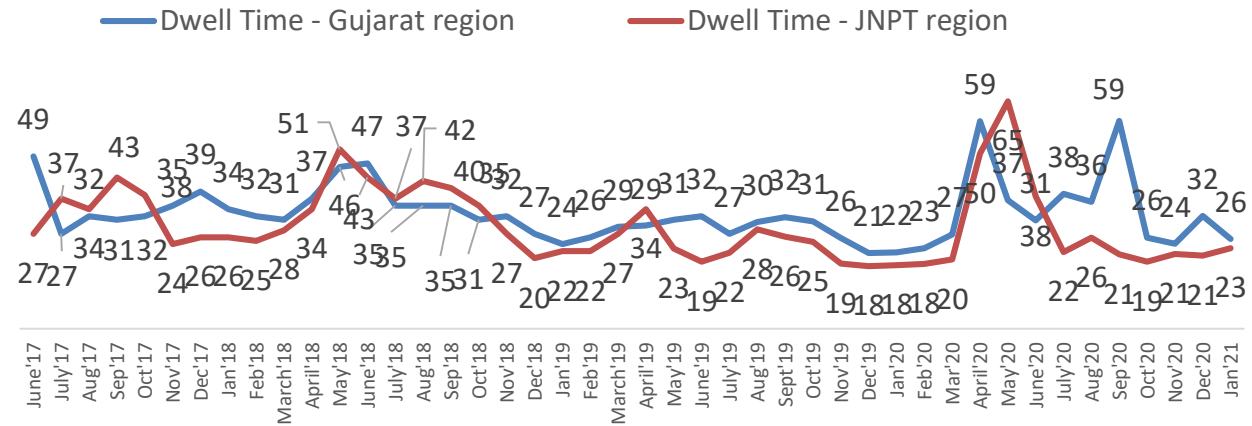
Volume – Gujarat Region Vs JNPT Region
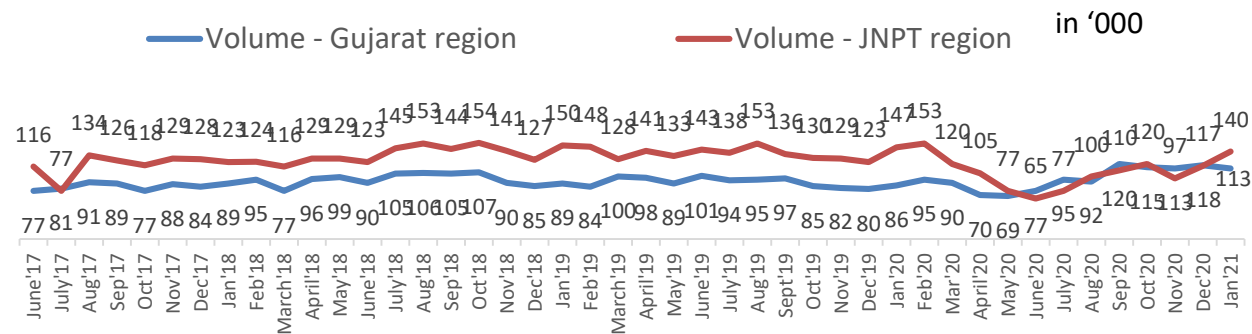
In Import cycle, for the month of January'21 APSEZ port has catered 24% **less volume** than JNPT Port, and JNPT has maintained 10% **lower dwell time** than APSEZ Port.
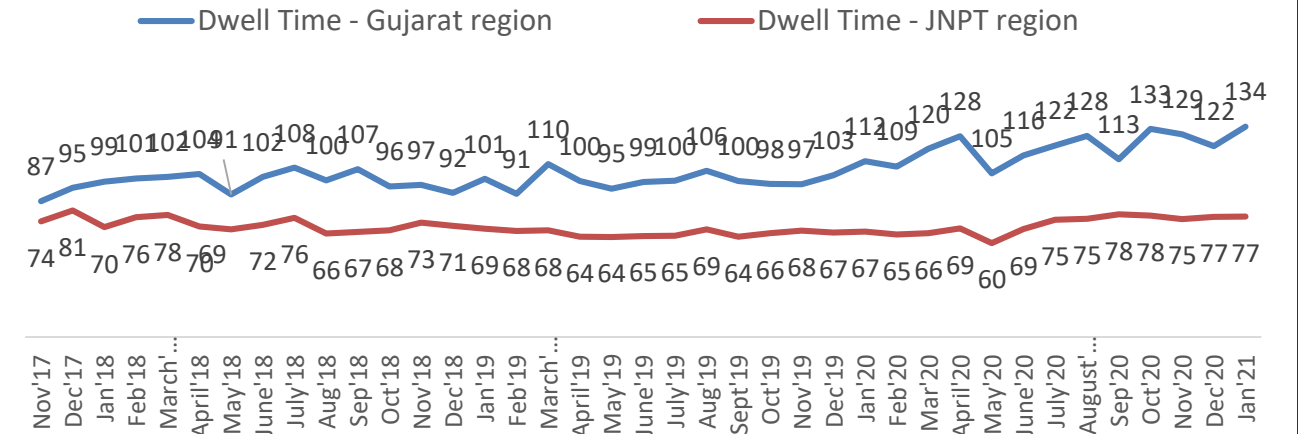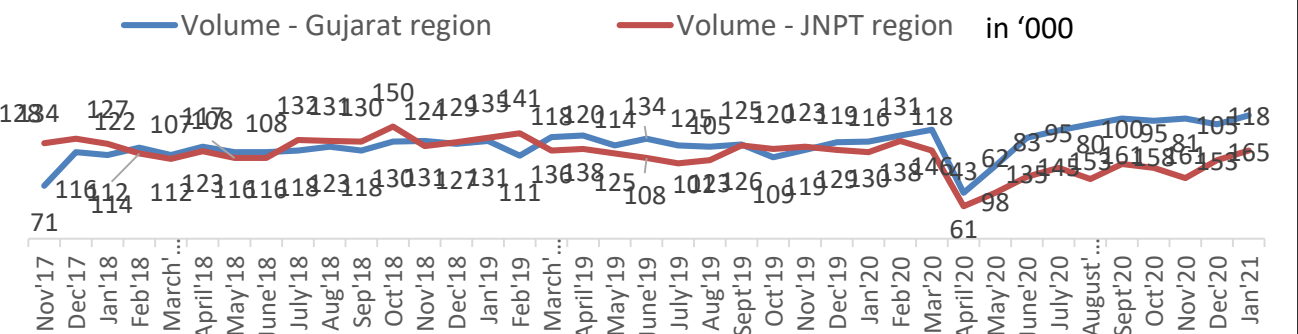
In Export cycle, for the month January'21 JNPT port catered 28**% less volume** than APSEZ Port, and has maintained 43% **lower dwell time** than APSEZ Port

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
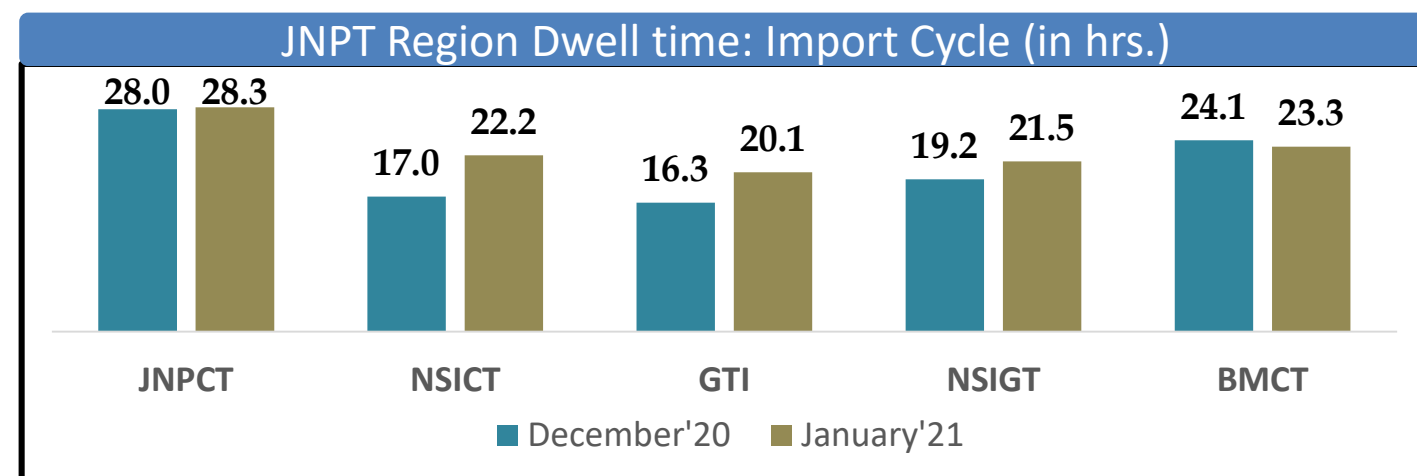

JNPT Region Dwell time: Overall (in hrs.)

	JNPCT	NSICT	GTI	NSIGT	BMCT
December'20	49.0	29.9	34.8	51.0	38.9
January'21	45.9	36.8	37.0	57.2	38.5
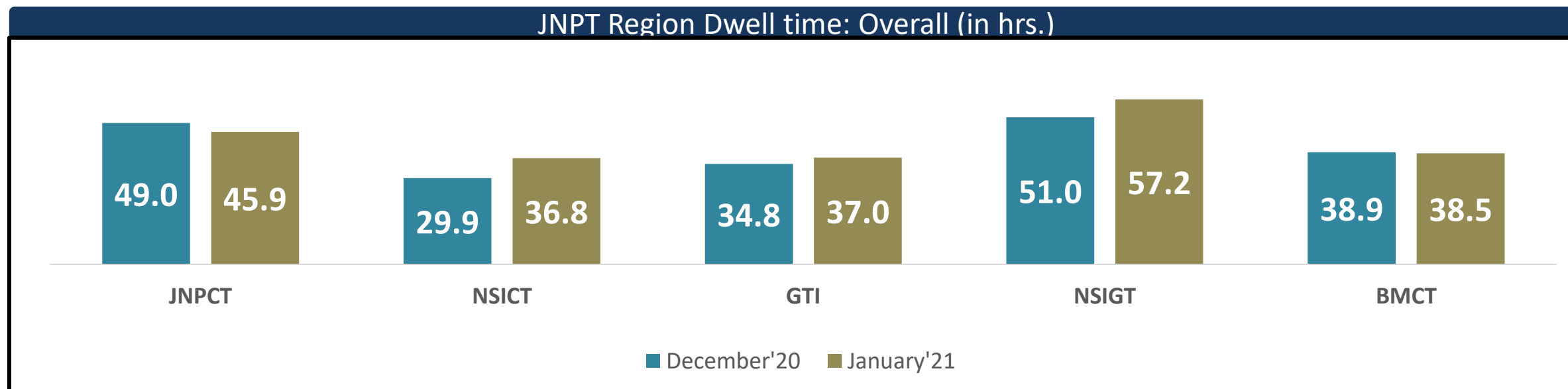
The overall JNPT region average dwell time for Jan'21 **is 42.1 hrs** as compared to **40.7 hrs** in Dec'20

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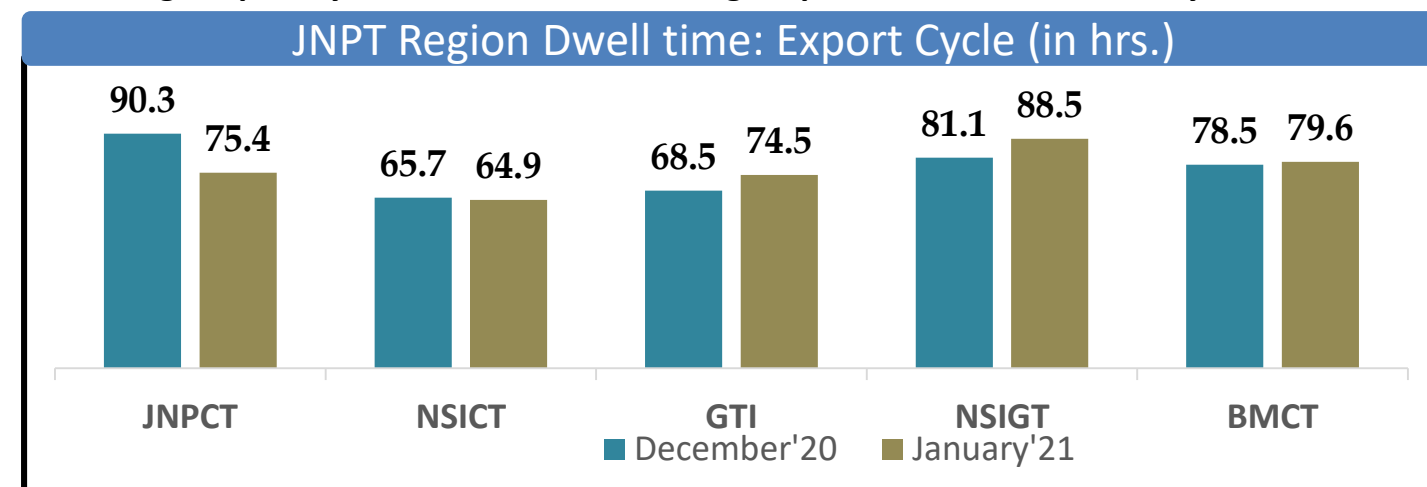
JNPT Import cycle Trend

The average import cycle dwell time of JNPT region port terminals for January'21 is **23.1 hrs.**

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

	JNPCT	NSICT	GTI	NSIGT	BMCT
December'20	28.0	17.0	16.3	19.2	24.1
January'21	28.3	22.2	20.1	21.5	23.3

JNPT Export cycle Trend

The average export cycle dwell time of JNPT region port terminals for January'21 is **76.6 hrs.**

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

	JNPCT	NSICT	GTI	NSIGT	BMCT
December'20	90.3	65.7	68.5	81.1	78.5
January'21	75.4	64.9	74.5	88.5	79.6

ANNEXURE

Container movement around JNPT Port terminal region via Truck

HEAT MAP : GTI Port Terminal

Heat Map : January'21

Region	Dec'20	Jan'21
Mumbai region	17%	23%
NH3	8%	5%
Pune	27%	23%
NH8	37%	39%
others	10%	10%

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

HEAT MAP : JNPCT Port Terminal

Heat Map : January'21
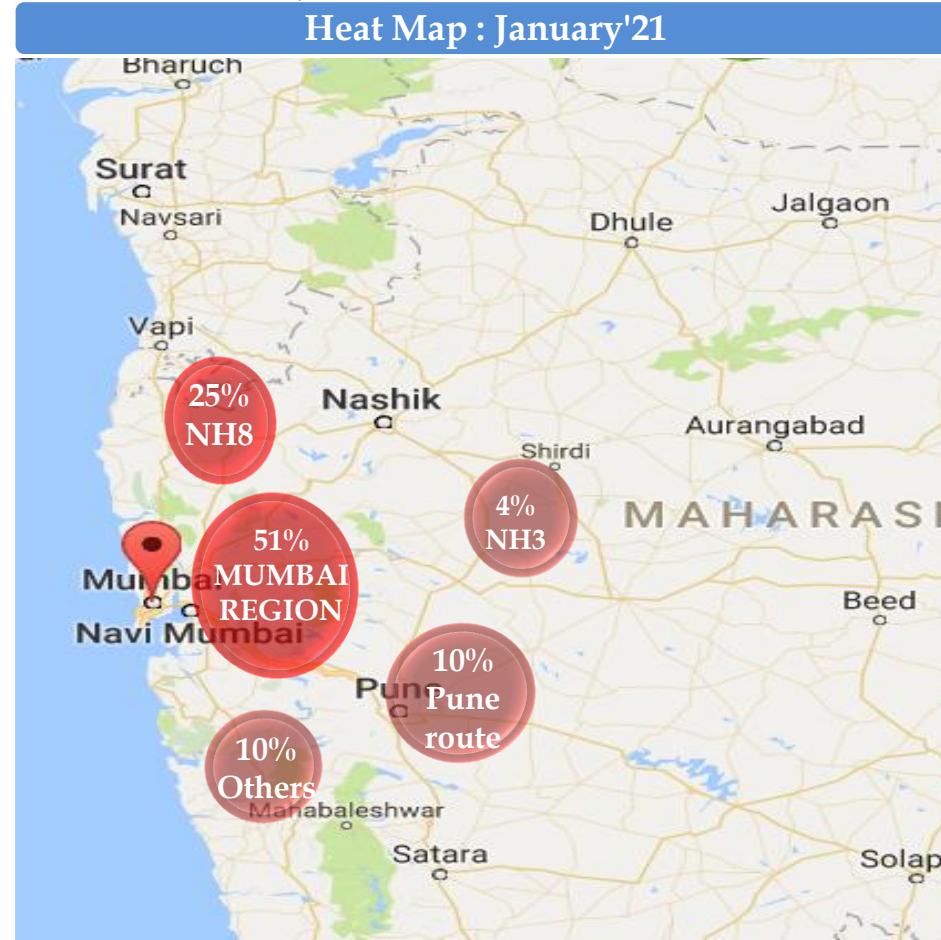
Region	Dec'20	Jan'21
Mumbai region	40%	51%
NH3	5%	4%
Pune	13%	10%
NH8	32%	25%
others	10%	10%

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

HEAT MAP : NSICT Port Terminal

Heat Map : January'21
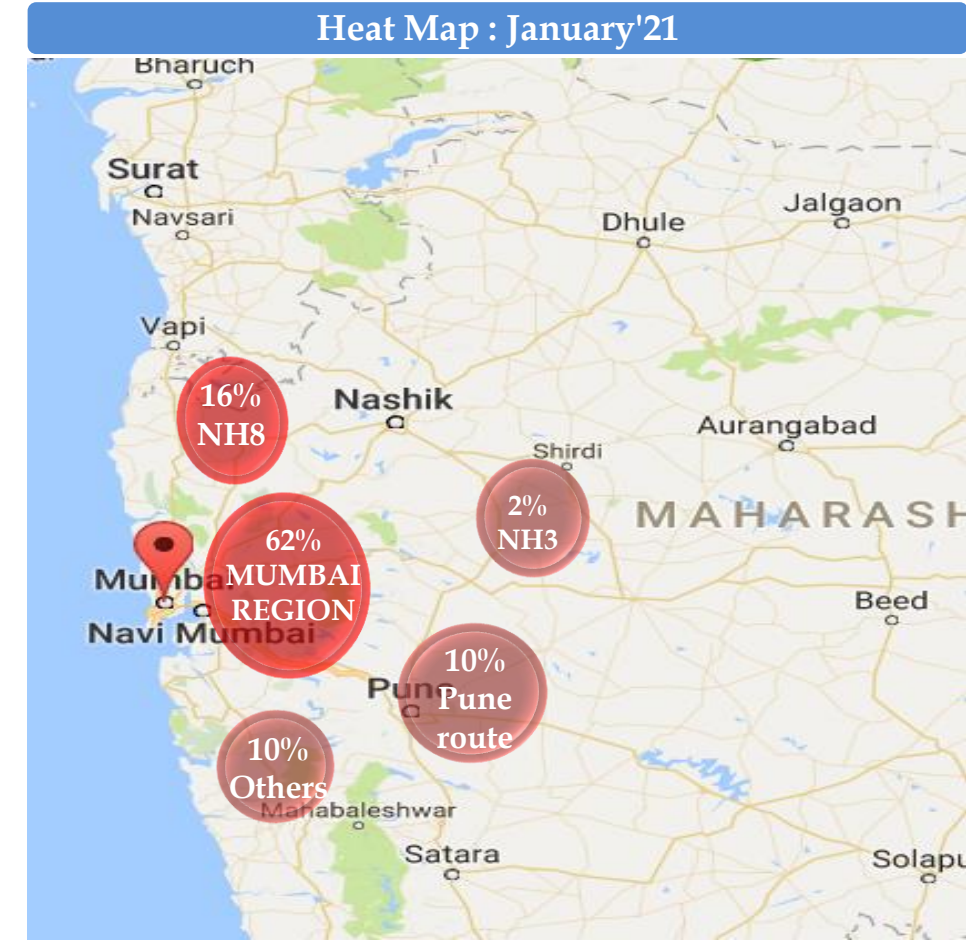
Region	Dec'20	Jan'21
Mumbai region	51%	62%
NH3	3%	2%
Pune	13%	10%
NH8	22%	16%
others	10%	10%

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

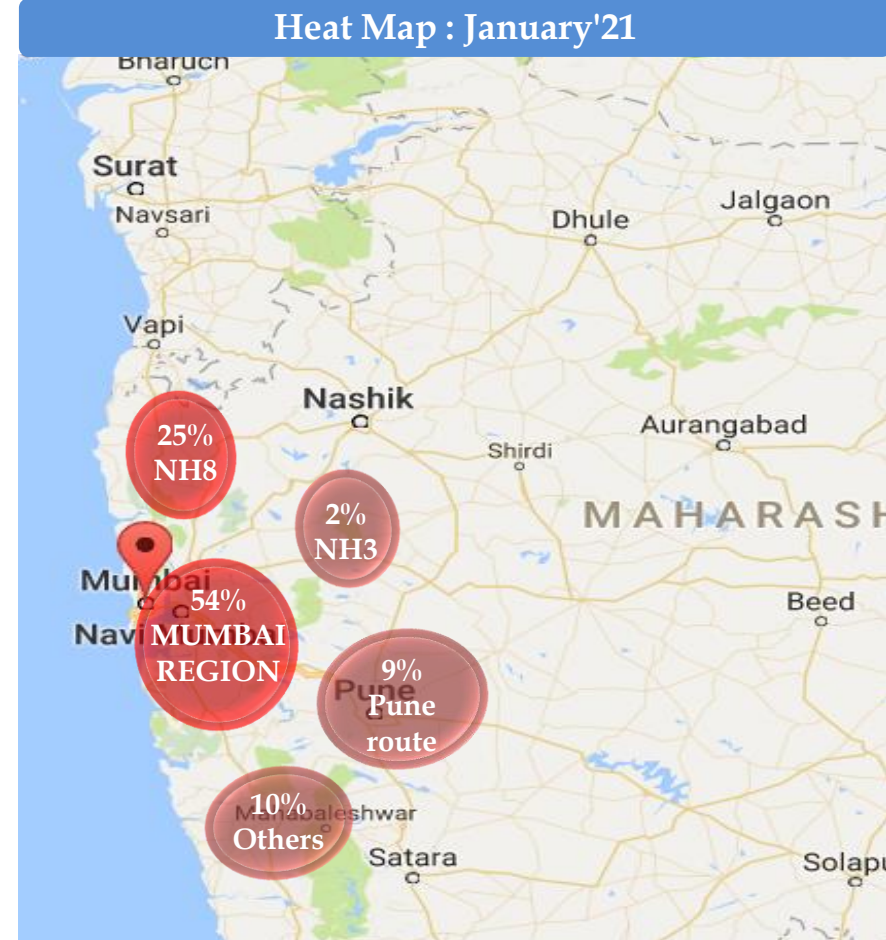# Container movement around JNPT Port terminal region via Truck

HEAT MAP : NSIGT Port Terminal

Heat Map : January'21

Region	Dec'20	Jan'21
Mumbai region	51%	54%
NH3	5%	3%
Pune	14%	13%
NH8	20%	20%
others	10%	10%

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

HEAT MAP : BMCT Port Terminal

Heat Map : January'21

Region	Dec'20	Jan'21
Mumbai region	53%	54%
NH3	4%	2%
Pune	11%	9%
NH8	22%	25%
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 January'21					
CFS Out Port in (Export Cycle in Hrs)					
CFS	JNPCT	GTI	NSICT	NSIGT	BMCT
Gateway Distriparks CFS, Navi Mumbai	2.4	1.9	3.7	2.6	4.7
Punjab Conware CFS, Navi Mumbai	2.4	2.1	2.9	2.7	4.9
JWC Logistics Park CFS	2.9	2.6	3.1	2.7	4.9
CWC Hind Terminal CFS, Navi Mumbai	3.2	2.0	3.1	2.3	5.1
Dronogiri Rail Terminal CFS, Navi Mumbai	2.4	2.3	2.9	3.0	4.7
Navkar Corporation Yard 2 CFS, Panvel	5.0	5.5	5.4	4.3	6.1
Vaishno Logistics CFS, Navi Mumbai	2.8	2.9	3.0	2.8	5.1
Speedy Multimode CFS, JNPT	2.2	1.5	2.5	2.2	3.8
Balmer & Lawrie CFS, Navi Mumbai	4.8	3.2	3.1	2.4	5.2
Navkar Corporation Yard 3 CFS, Panvel	5.9	4.7	6.2	3.4	7.4
Ashte Logistics CFS, Panvel	3.8	3.4	4.3	4.1	3.6
Continental Warehousing CFS, Navi Mumbai	1.7	1.4	2.1	1.9	3.4
SBW Logistics CFS, Navi Mumbai	11.3	13.3	10.0	5.6	16.4
Maharashtra State Corp CFS	3.0	2.7	2.5	2.7	4.4
Internation Cargo Terminal CFS	3.8	2.7	4.4	2.4	5.2
Seabird CFS, Navi Mumbai	1.6	2.1	4.3	3.1	5.1
Apollo Logisolutions CFS, Panvel	3.9	9.3	5.1	3.8	4.1
Ameya Logistics CFS, Navi Mumbai	3.8	2.0	3.4	3.1	6.1
Transindia Logistics Park, Navi Mumbai	2.4	1.9	2.5	2.5	5.2
Ocean Gate CFS, Panvel	3.4	2.8	3.6	3.1	4.3
International Cargo Terminals (ULA) CFS, Navi Mumbai	3.3	2.4	3.5	2.5	4.8
Indev Logistics CFS, Panvel	3.7	1.8	4.1	3.8	5.5
CWC Dronagiri CFS, Navi Mumbai	1.8	2.1	1.4	2.2	2.0
APM (Maersk India) CFS, Navi Mumbai	2.2	1.9	2.3	3.5	2.2

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	**Jan'21 (in hrs)**
Gateway Distriparks CFS, Navi Mumbai	2.3
APM (Maersk India) CFS, Navi Mumbai	1.6
Internation Cargo Terminal CFS	1.9
Ameya Logistics CFS, Navi Mumbai	2.2
Transindia Logistics Park, Navi Mumbai	3.4
Indev Logistics CFS, Panvel	3.9
Navkar Corporation Yard 3 CFS, Panvel	4.1
Seabird CFS, Navi Mumbai	4.1
Balmer & Lawrie CFS, Navi Mumbai	2.3
Ashte Logistics CFS, Panvel	2.7
Continental Warehousing CFS, Navi Mumbai	1.5
CWC Hind Terminal CFS, Navi Mumbai	1.8
Dronogiri Rail Terminal CFS, Navi Mumbai	1.8
Navkar Corporation Yard 1 CFS, Panvel	3.5
International Cargo Terminals (ULA) CFS, Navi Mumbai	2.0
Maersk Annex (APM)CFS, Navi Mumbai	2.3
Speedy Multimode CFS, JNPT	1.8
Apollo Logisolutions CFS, Panvel	3.2
Navkar Corporation Yard 2 CFS, Panvel	4.8
Punjab Conware CFS, Navi Mumbai	2.3
Vaishno Logistics CFS, Navi Mumbai	3.8
JWC Logistics Park CFS	4.0
SBW Logistics CFS, Navi Mumbai	4.0
Ocean Gate CFS, Panvel	2.8
Maharashtra State Corp CFS	28.9

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	**Jan'21 (in hrs)**
Gateway Distriparks CFS, Navi Mumbai	2.5
APM (Maersk India) CFS, Navi Mumbai	1.7
Internation Cargo Terminal CFS	1.8
Ameya Logistics CFS, Navi Mumbai	2.2
Transindia Logistics Park, Navi Mumbai	2.7
Indev Logistics CFS, Panvel	3.9
Navkar Corporation Yard 3 CFS, Panvel	4.2
Seabird CFS, Navi Mumbai	2.5
Balmer & Lawrie CFS, Navi Mumbai	1.6
Ashte Logistics CFS, Panvel	2.5
Continental Warehousing CFS, Navi Mumbai	1.8
CWC Hind Terminal CFS, Navi Mumbai	1.7
Dronogiri Rail Terminal CFS, Navi Mumbai	2.4
Navkar Corporation Yard 1 CFS, Panvel	5.5
International Cargo Terminals (ULA) CFS, Navi Mumbai	1.9
Maersk Annex (APM)CFS, Navi Mumbai	2.0
Speedy Multimode CFS, JNPT	1.9
Apollo Logisolutions CFS, Panvel	3.5
Navkar Corporation Yard 2 CFS, Panvel	5.2
Punjab Conware CFS, Navi Mumbai	2.0
Vaishno Logistics CFS, Navi Mumbai	2.8
JWC Logistics Park CFS	3.5
SBW Logistics CFS, Navi Mumbai	3.4
Ocean Gate CFS, Panvel	3.3
Maharashtra State Corp CFS	5.3

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

CFS	Jan'21 (in hrs)
AVERAGE DELIVERY TIME (In Hrs)- NSICT TO ALL CFS IN MUMBAI	
Gateway Distriparks CFS, Navi Mumbai	2.9
APM (Maersk India) CFS, Navi Mumbai	1.7
Internation Cargo Terminal CFS	1.9
Ameya Logistics CFS, Navi Mumbai	2.3
Transindia Logistics Park, Navi Mumbai	2.5
Indev Logistics CFS, Panvel	3.6
Navkar Corporation Yard 3 CFS, Panvel	6.2
Seabird CFS, Navi Mumbai	2.6
Balmer & Lawrie CFS, Navi Mumbai	2.0
Ashte Logistics CFS, Panvel	3.3
Continental Warehousing CFS, Navi Mumbai	1.7
CWC Hind Terminal CFS, Navi Mumbai	1.9
Dronogiri Rail Terminal CFS, Navi Mumbai	14.0
Navkar Corporation Yard 1 CFS, Panvel	6.2
International Cargo Terminals (ULA) CFS, Navi Mumbai	2.0
Maersk Annex (APM)CFS, Navi Mumbai	1.9
Speedy Multimode CFS, JNPT	2.1
Apollo Logisolutions CFS, Panvel	3.7
Navkar Corporation Yard 2 CFS, Panvel	6.0
Punjab Conware CFS, Navi Mumbai	2.4
Vaishno Logistics CFS, Navi Mumbai	3.0
JWC Logistics Park CFS	5.1
SBW Logistics CFS, Navi Mumbai	3.8
Ocean Gate CFS, Panvel	4.0
Maharashtra State Corp CFS	6.4

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

CFS	Jan'21 (in hrs)
AVERAGE DELIVERY TIME (In Hrs)- NSIGT TO ALL CFS IN MUMBAI	
Gateway Distriparks CFS, Navi Mumbai	3.0
APM (Maersk India) CFS, Navi Mumbai	1.6
Internation Cargo Terminal CFS	1.8
Ameya Logistics CFS, Navi Mumbai	2.1
Transindia Logistics Park, Navi Mumbai	2.7
Indev Logistics CFS, Panvel	3.4
Navkar Corporation Yard 3 CFS, Panvel	4.6
Seabird CFS, Navi Mumbai	2.6
Balmer & Lawrie CFS, Navi Mumbai	1.7
Ashte Logistics CFS, Panvel	2.5
Continental Warehousing CFS, Navi Mumbai	1.5
CWC Hind Terminal CFS, Navi Mumbai	1.8
Dronogiri Rail Terminal CFS, Navi Mumbai	5.1
Navkar Corporation Yard 1 CFS, Panvel	6.0
International Cargo Terminals (ULA) CFS, Navi Mumbai	2.1
Maersk Annex (APM)CFS, Navi Mumbai	2.2
Speedy Multimode CFS, JNPT	1.8
Apollo Logisolutions CFS, Panvel	3.9
Navkar Corporation Yard 2 CFS, Panvel	5.5
Punjab Conware CFS, Navi Mumbai	2.6
Vaishno Logistics CFS, Navi Mumbai	3.3
JWC Logistics Park CFS	4.6
SBW Logistics CFS, Navi Mumbai	4.1
Ocean Gate CFS, Panvel	3.4
Maharashtra State Corp CFS	28.6

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

CFS	Jan'21 (in hrs)
AVERAGE DELIVERY TIME (In Hrs)- BMCT TO ALL CFS IN MUMBAI	
Gateway Distriparks CFS, Navi Mumbai	2.5
APM (Maersk India) CFS, Navi Mumbai	1.7
Internation Cargo Terminal CFS	1.8
Ameya Logistics CFS, Navi Mumbai	2.5
Transindia Logistics Park, Navi Mumbai	2.6
Indev Logistics CFS, Panvel	3.8
Navkar Corporation Yard 3 CFS, Panvel	4.2
Seabird CFS, Navi Mumbai	2.4
Balmer & Lawrie CFS, Navi Mumbai	1.9
Ashte Logistics CFS, Panvel	2.6
Continental Warehousing CFS, Navi Mumbai	1.6
CWC Hind Terminal CFS, Navi Mumbai	1.8
Dronogiri Rail Terminal CFS, Navi Mumbai	4.6
Navkar Corporation Yard 1 CFS, Panvel	3.7
International Cargo Terminals (ULA) CFS, Navi Mumbai	1.9
Maersk Annex (APM)CFS, Navi Mumbai	2.0
Speedy Multimode CFS, JNPT	2.0
Apollo Logisolutions CFS, Panvel	3.5
Navkar Corporation Yard 2 CFS, Panvel	4.3
Punjab Conware CFS, Navi Mumbai	2.1
Vaishno Logistics CFS, Navi Mumbai	3.6
JWC Logistics Park CFS	3.8
SBW Logistics CFS, Navi Mumbai	3.9
Ocean Gate CFS, Panvel	3.3
Maharashtra State Corp CFS	19.0

JNPT Region : Cluster Analysis

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 Jan'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	1.5
Cluster 2	6	13	2.0	2.2
Cluster 3	6	11	3.2	2.2
Cluster 4	1	13	3.8	2.9
Cluster 5	2	25	3.4	2.7
Cluster 6	6	25	3.7	4.7
Cluster 7	4	12	2.2	1.9
Cluster 8	1	34	4.0	13.3

CFS Cluster : JNPCT Terminal

JNPCT terminal for month of Jan'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	1.9	2.2
Cluster 2	6	13	1.8	3.3
Cluster 3	6	11	2.4	2.4
Cluster 4	1	13	2.8	2.8
Cluster 5	2	25	3.4	3.1
Cluster 6	6	25	4.0	3.9
Cluster 7	4	12	2.2	2.4
Cluster 8	1	34	3.4	11.3

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**

JNPT Region : Cluster Analysis

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

GTI terminal for month of Jan'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	2.5
Cluster 2	6	13	1.9	3.3
Cluster 3	6	11	4.5	2.9
Cluster 4	1	13	3.0	0.0
Cluster 5	2	25	4.6	3.4
Cluster 6	6	25	4.8	5.1
Cluster 7	4	12	2.3	2.5
Cluster 8	1	34	3.8	10.0

CFS Cluster : NSIGT Terminal

JNPCT terminal for month of Jan'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	1.8	2.5
Cluster 3	6	11	2.0	2.9
Cluster 4	1	13	3.3	2.8
Cluster 5	2	25	4.0	2.9
Cluster 6	6	25	4.2	3.8
Cluster 7	4	12	2.1	2.5
Cluster 8	1	34	4.1	5.6

CFS Cluster : BMCT Terminal

JNPCT terminal for month of Jan'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	2.0	3.8
Cluster 2	6	13	1.9	4.9
Cluster 3	6	11	2.0	4.8
Cluster 4	1	13	3.6	5.1
Cluster 5	2	25	3.6	4.6
Cluster 6	6	25	3.7	5.5
Cluster 7	4	12	2.5	5.2
Cluster 8	1	34	3.9	16.4

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**

LDB Operations Snapshot

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

Map labels:
- MUNDRA
- KANDALA
- HAZIRA
- JNPT
- MURMUGAO
- NEW MANGALORE
- KOCHI
- TUTICORN
- CHENNAI
- ENNORE
- KATTUPALLI
- KRISHNAPATNAM
- VIZAG
- PARADIP
- HALDIA
- KOLKATA

14 (ICD)
106 (CFS)
25 (Toll Plaza)
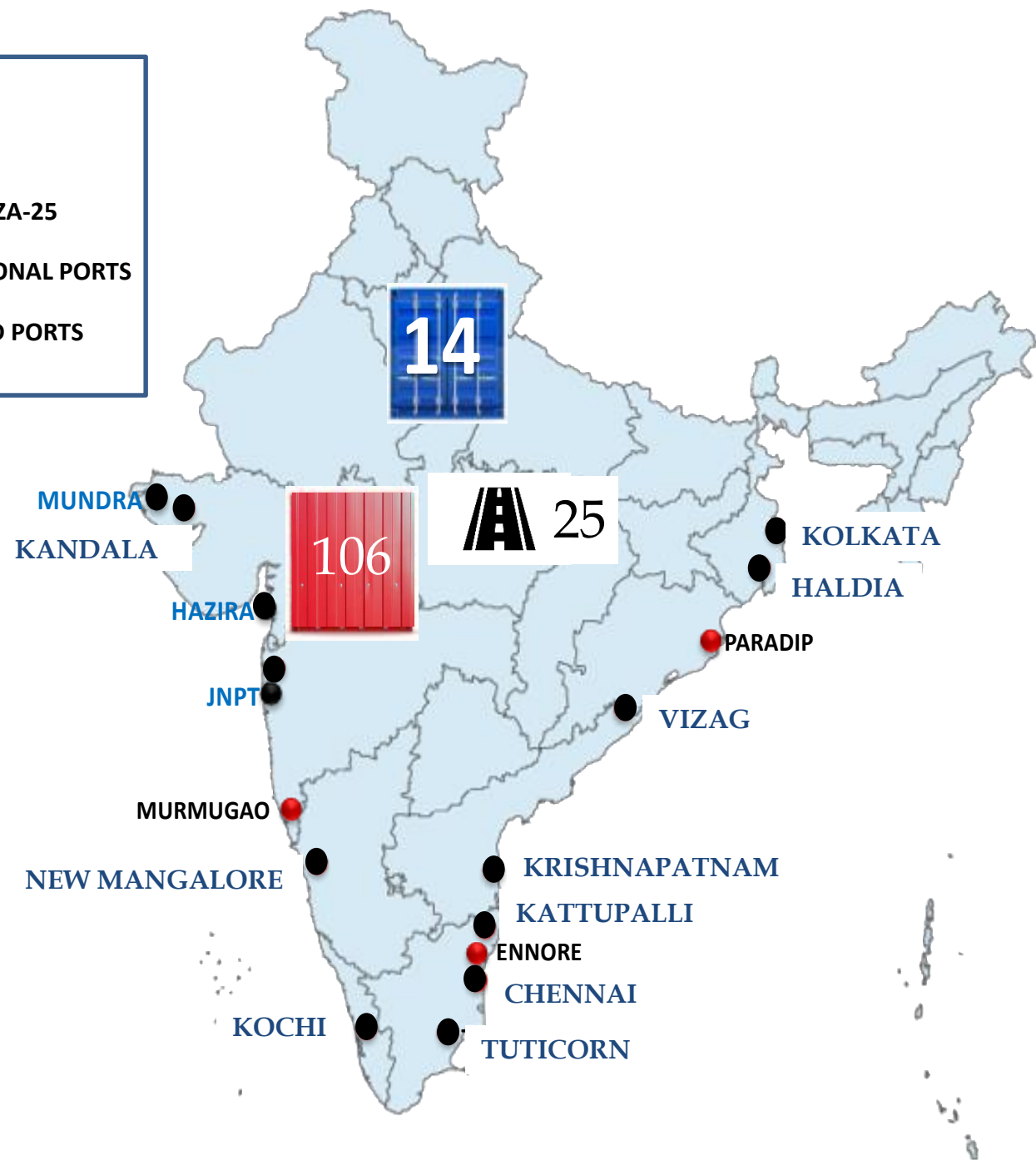
Below mentioned are all the CFS in the respective Clusters :

Cluster 1
(JNPT Area)

- Speedy Multimode CFS,JNPT

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,JNPT 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 , JNPT 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 JNPT 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	AllCargo Logistics		16	Navkar Corporation Yard 2 CFS, Panvel
2	CWC Hind Terminal CFS, Navi Mumbai		17	Dronagiri Rail Terminal CFS, Navi Mumbai
3	Speedy Multimode CFS, JNPT		18	EFC Logistics India
4	Gateway Distriparks CFS, Navi Mumbai		19	Vaishno Logistics CFS, Navi Mumbai
5	Ameya Logistics CFS, Navi Mumbai		20	APM (Maersk India) CFS, Navi Mumbai
6	JWC Logistics Park CFS		21	Balmer & Lawrie CFS, Navi Mumbai
7	Continental Warehousing CFS, Navi Mumbai		22	CWC Impex Park CFS, Navi Mumbai
8	Navkar Corporation Yard 3 CFS, Panvel		23	Apollo Logisolutions CFS, Panvel
9	International Cargo Terminal CFS		24	Ocean Gate CFS, Panvel
10	Punjab Conware CFS, Navi Mumbai		25	Sarveshwar CFS
11	JWR CFS		26	Indev Logistics CFS, Panvel
12	International Cargo Terminals (ULA) CFS, Navi Mumbai		27	Navkar Corporation Yard 1 CFS, Panvel
13	Seabird CFS, Navi Mumbai		28	Take Care Logistics CFS
14	TG Terminals CFS		29	Maersk Annex (APM)CFS, Navi Mumbai
15	Ashte Logistics CFS, Panvel		30	Maharashtra State Corp CFS

THANK YOU