Terminal wise Dwell Time Performance – Snapshot

Import Cycle		
Port	**Apr'22 (in hrs)**	**May'22 (in hrs)**
JNPCT	43.0	45.6
NSICT	24.4	29.1
GTI	19.6	18.8
NSIGT	24.8	33.2
BMCT/PSA	22.2	24.1

Export Cycle		
Port	**Apr'22 (in hrs)**	**May'22 (in hrs)**
JNPCT	73.5	75.2
NSICT	64.9	63.6
GTI	79.8	82.6
NSIGT	97.4	88.0
BMCT/PSA	78.1	64.9

Critical Incident Summary

Jawaharlal Nehru Port Terminals

- Container handling performance for Import Cycle and Export Cycle has improved 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
May'22	**25.8 hrs**	**76.2 hrs**	**87.1 hrs**	**120.0 hrs**
Apr'22	**23.2 hrs**	**78.7 hrs**	**86.8 hrs**	**121.2 hrs**

Import Cycle: 11.2% ▼ Export Cycle: 3.2% ▲ CFS: 0.3% ▼ ICD: 1% ▲

Container Transportation Performance - Western Corridor

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Port Dwell Time

IMPORT

Mode	Apr'22 (in hrs)	May'22 (in hrs)
Overall	24.4	28.2
Truck	20.0	23.2
Train	60.4	75.3

EXPORT

Mode	Apr'22 (in hrs)	May'22 (in hrs)
Overall	95.2	90.8
Truck	87.1	83.9
Train	146.7	127.4

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 Apr'22

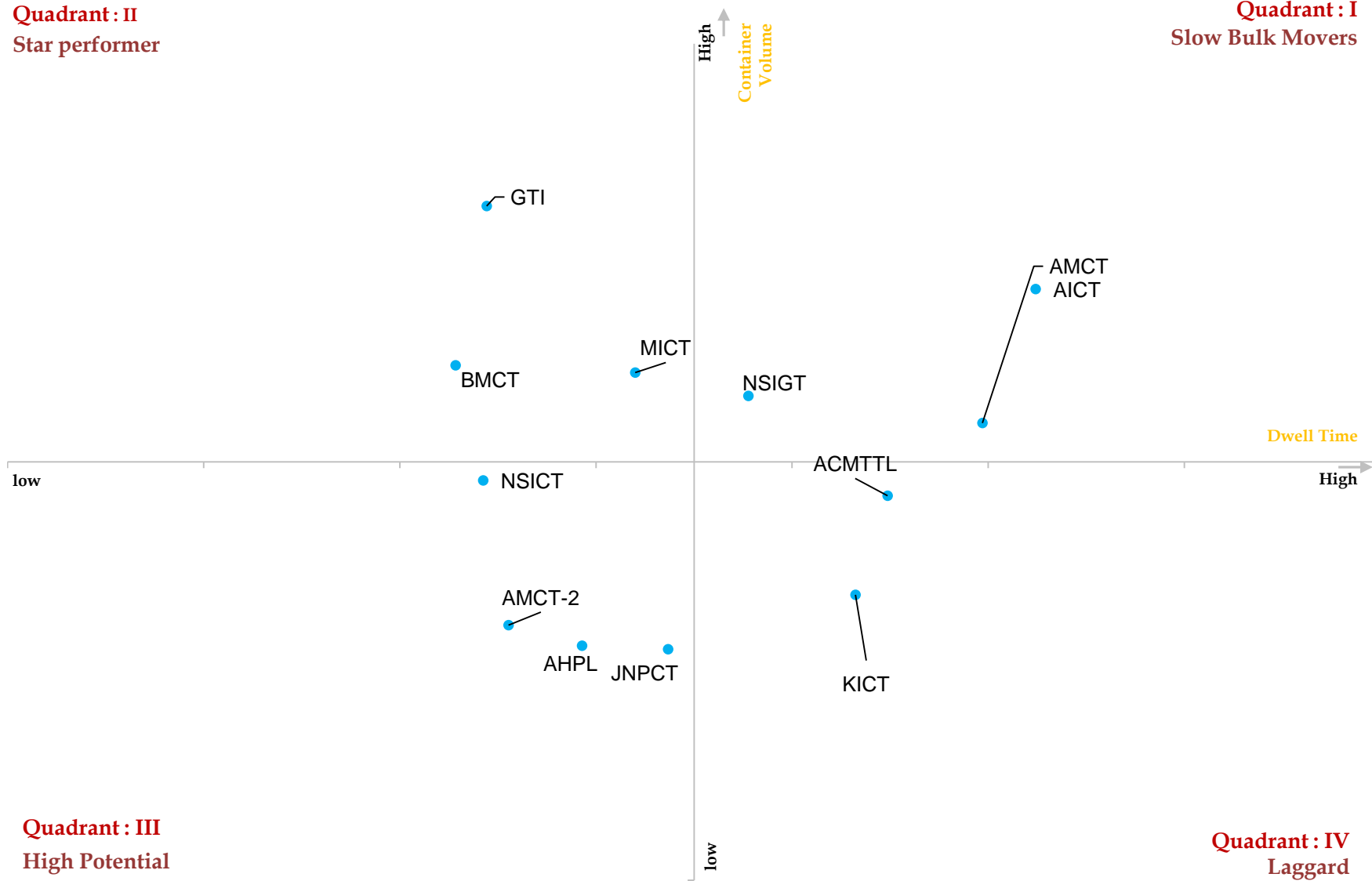The marked entries showcase Decrease in performance in comparison to Apr'22

Entity	Apr'22 (in hrs)	May'22 (in hrs)
CFS	87.3	88.9
ICD	121.2	120.0

Performance Benchmarking - Port Terminals

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

Port Terminal Performance Index – May'22

Quadrant : II
Star performer

Quadrant : I
Slow Bulk Movers

High — Container Volume

- GTI
- AMCT / AICT
- MICT
- BMCT
- NSIGT
- NSICT
- ACMTTL

Dwell Time — High

low

- AMCT-2
- AHPL
- JNPCT
- KICT

low

Quadrant : III
High Potential

Quadrant : IV
Laggard

The arrows depict increase/Decrease in overall performance of the stakeholders in comparison to Apr'22

Performance benchmarking for Port Terminals covered under LDB project for May'22

Top Performing Terminal	
Gateway Terminals India (GTI)	
Apr'22	May'22
45.6 Hrs	44.8 Hrs

Low Performing Terminal	
Adani CMA Mundra Terminal (ACMTTL)	
Apr'22	May'22
78.2 Hrs	73.8 Hrs

Note: The performance benchmarking is based on performance index

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

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Container Lifecycle (Import Cycle) →

IMPORT

Port Dwell Time

Mode	Apr'22 (in hrs)	May'22 (in hrs)
Overall	23.2	25.8
Truck	20.2	21.8
Train	60.2	76.5

EXPORT

Mode	Apr'22 (in hrs)	May'22 (in hrs)
Overall	78.7	76.2
Truck	75.1	72.7
Train	114.8	105.5

Transit Time

Towards ICD — Station

Transit Cycle	Apr'22 (in hrs)	May'22 (in hrs)
Port to ICD	85.3	84.7
Port to CFS	2.9	3.0

Towards CFS

From ICD — Station

Transit Cycle	Apr'22 (in hrs)	May'22 (in hrs)
ICD to Port	93.2	91.4
CFS to Port	3.9	3.5

From CFS

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

ICD   **CFS**

Entity	Apr'22 (in hrs)	May'22 (in hrs)
CFS	86.8	87.1
ICD	121.2	120.0

Volume distribution at port terminal – Truck/Rail

	Truck	Rail
Import	82%	18%
Export	81%	19%

The marked entries showcase the increase in performance as compared to Apr'22

The marked entries showcase the decrease in performance as compared to Apr'22

← **Container Lifecycle (Export Cycle)**

Container Transportation- JNPT Port Terminals

%IMPORT CYCLE DWELL TIME (May'22 – in hrs)			Compared to Apr'22	
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	25.8	11.2%	⬇
	Port Dwell Time for Truck Bound Containers	21.8	7.9%	⬇
	Port Dwell time for Train Bound Containers	76.5	27.1%	⬇
	Port Dwell time Direct Port Delivery (DPD) containers	38.8	13.8%	⬇
	Port Dwell time Containers bound for CFS	18.7	7.0%	⬇
	Port Dwell for Empty Containers	39.5	38.1%	⬇
	Port Dwell for Laden Containers	22.9	6.5%	⬇
TRANSIT TIME	Port to ICD	84.7	0.7%	⬆
	Port to CFS	2.98	3.5%	⬇

EXPORT CYCLE DWELL TIME (May'22– in hrs)			Compared to Apr'22	
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	76.2	3.2%	⬆
	Port Dwell Time for Truck Bound Containers	72.7	3.2%	⬆
	Port Dwell time for Train Bound Containers	105.5	8.1%	⬆
	Port Dwell time Direct Port Entry (DPE) containers	78.6	0.3%	⬇
	Port Dwell time Containers bound from CFS	73.9	2.6%	⬇
	Port Dwell for Empty Containers	70.7	3.1%	⬇
	Port Dwell for Laden Containers	77.3	4.0%	⬆
TRANSIT TIME	ICD to Port	91.4	1.9%	⬆
	CFS to Port	3.46	10.1%	⬆

⬆⬇ The arrows depict increase/decrease in performance of the stakeholders in comparison to Apr'22

# 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	Apr'22 (in hrs)	May'22 (in hrs)
Overall Parking Plaza	5.30	5.52

Container Handled: Day wise (May'22)

Parking Plaza	Within 6 hrs	Within 6 – 24 hrs	More than 24 hrs
JNPT Central Parking Plaza	54%	42%	4%
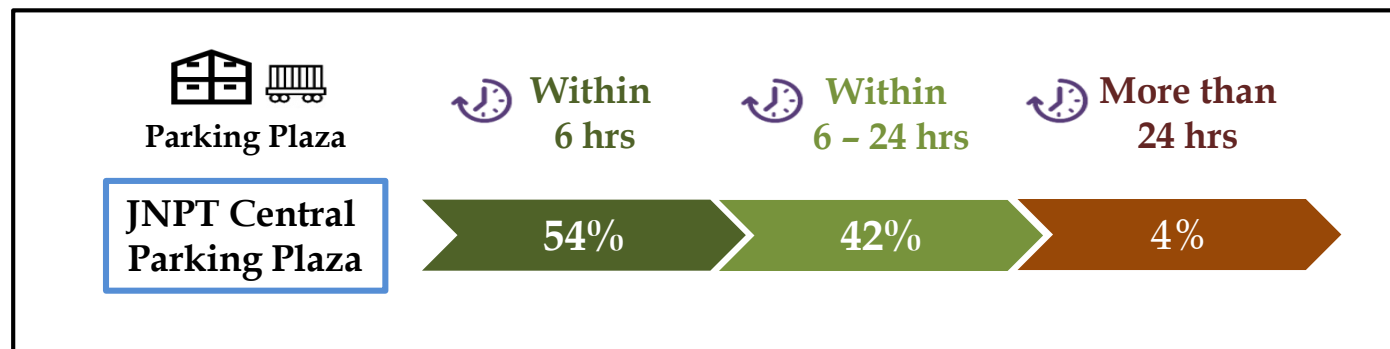
Parking Plaza Gate Out – Terminal In

Mode	Apr'22 (in hrs)	May'22 (in hrs)
Overall Parking Plaza to JNPT Port	1.45	1.49

Port	Apr'22 (in hrs)	May'22 (in hrs)
JNPCT	0.5	1.2
NSICT	0.8	1.0
GTI	1.5	0.8
NSIGT	0.9	1.7
BMCT	3.8	3.0

Container Handled: Day wise (May'22)

Port Terminals	Within 6 hrs	Within 6 – 24 hrs	More than 24 hrs
JNPCT	80%	19%	1%
NSICT	95%	4%	0%
GTI	98%	2%	0%
NSIGT	97%	3%	0%
BMCT	81%	18%	1%

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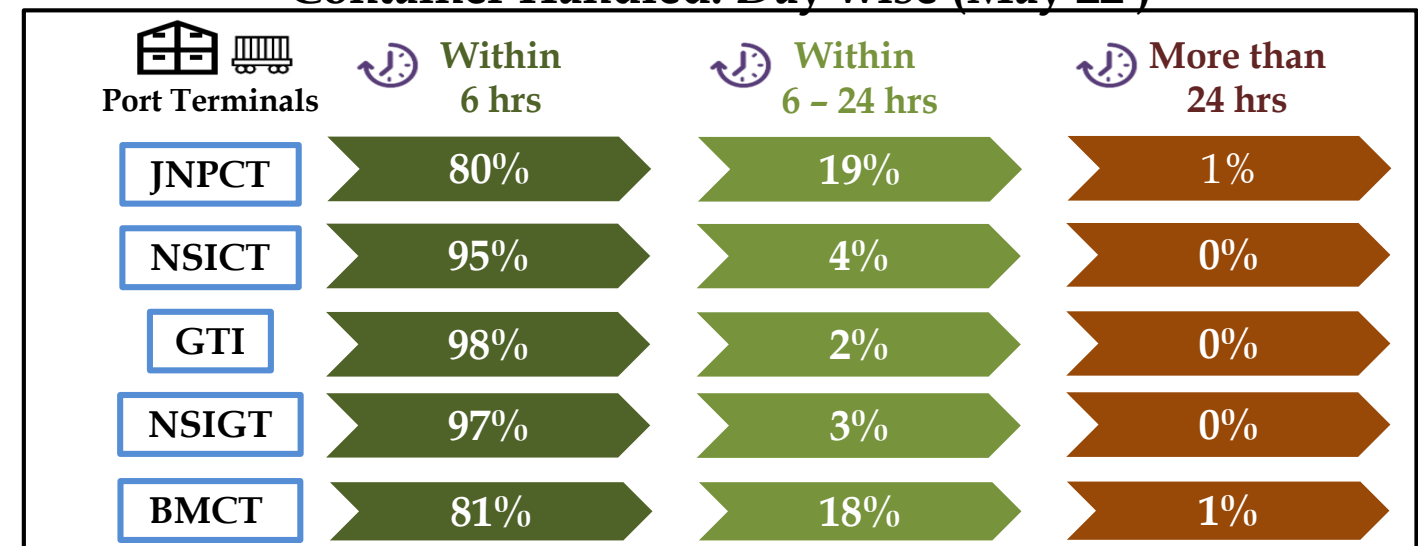
CFS   **Performance Benchmarking**   **ICD**

Top Performing CFS	
Saurashtra CFS, Mundra	
Apr'22	May'22 ⬇
84.1 hrs	84.8 hrs

Top Performing ICD	
Albatross Inland Ports ICD, Dadri	
Apr'22	May'22 ⬆
103.6 hrs	100.0 hrs

Low Performing CFS	
Adani CFS, Hazira	
Apr'22	May'22 ⬇
101.9 hrs	125.5 hrs

Low Performing ICD	
Adani Logistics Park ICD, Gurgaon	
Apr'22	May'22 ⬇
140.5 hrs	147.7 hrs

Note: The performance benchmarking is based on performance index
⬆⬇ The arrows depict increase/decrease in overall performance of the stakeholders as compared to Apr'22

Performance Index: Western Corridor CFS
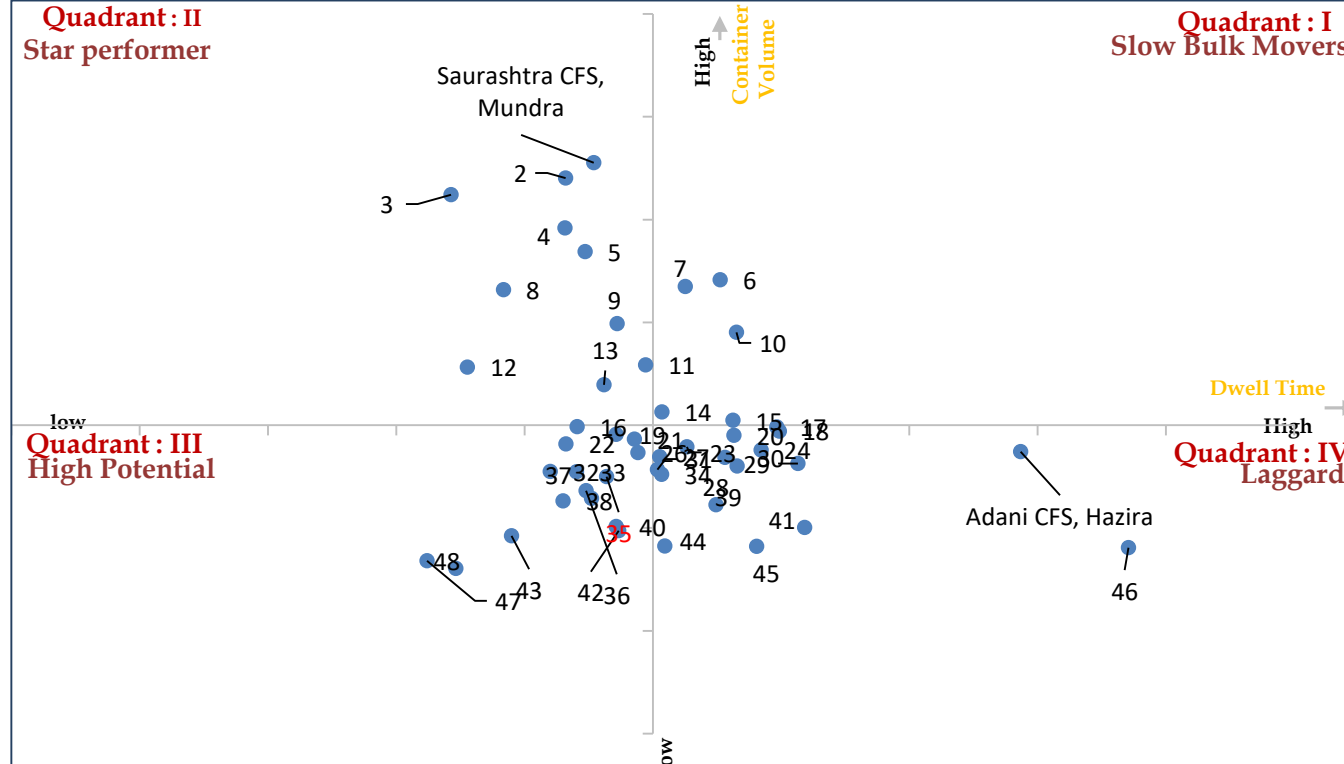
Performance Index: ICD
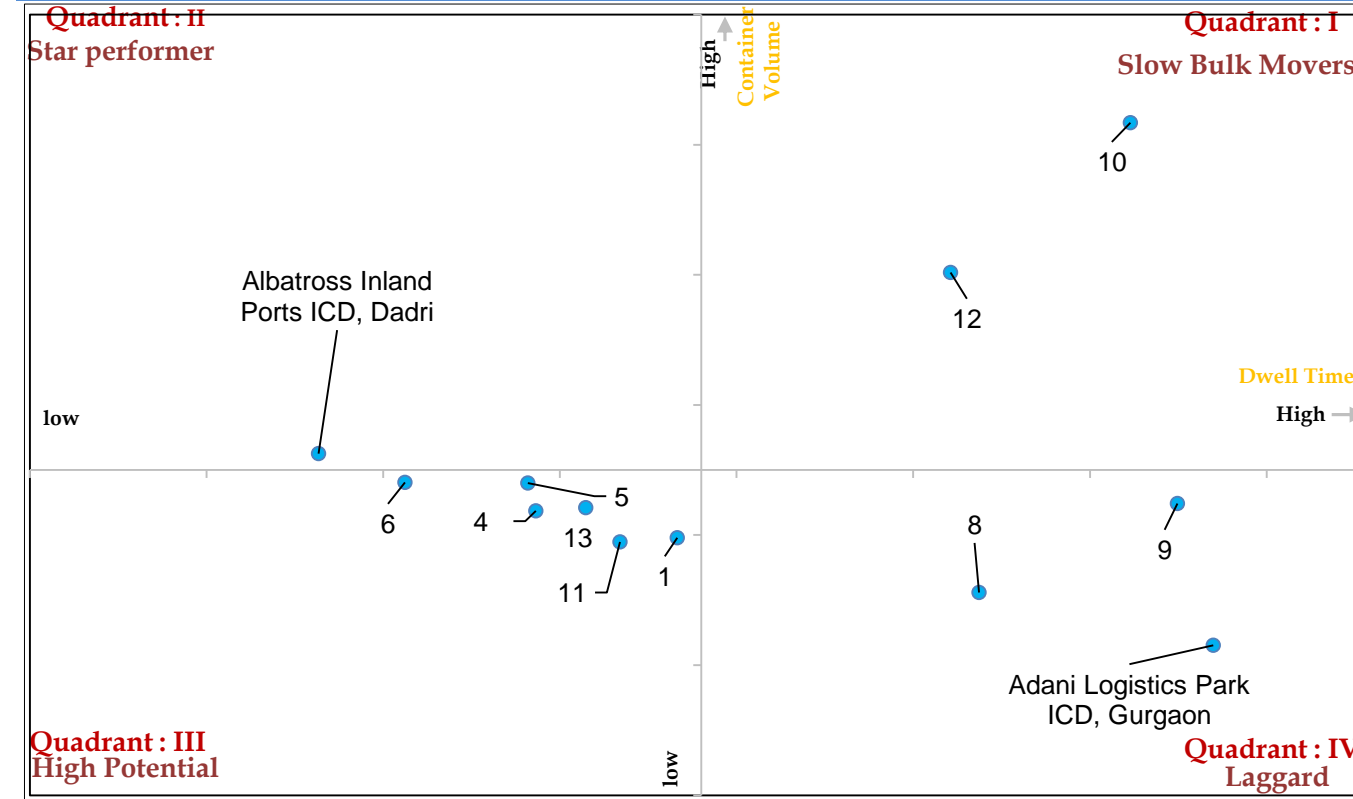
Kindly refer to Annexure section for the names of CFS

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
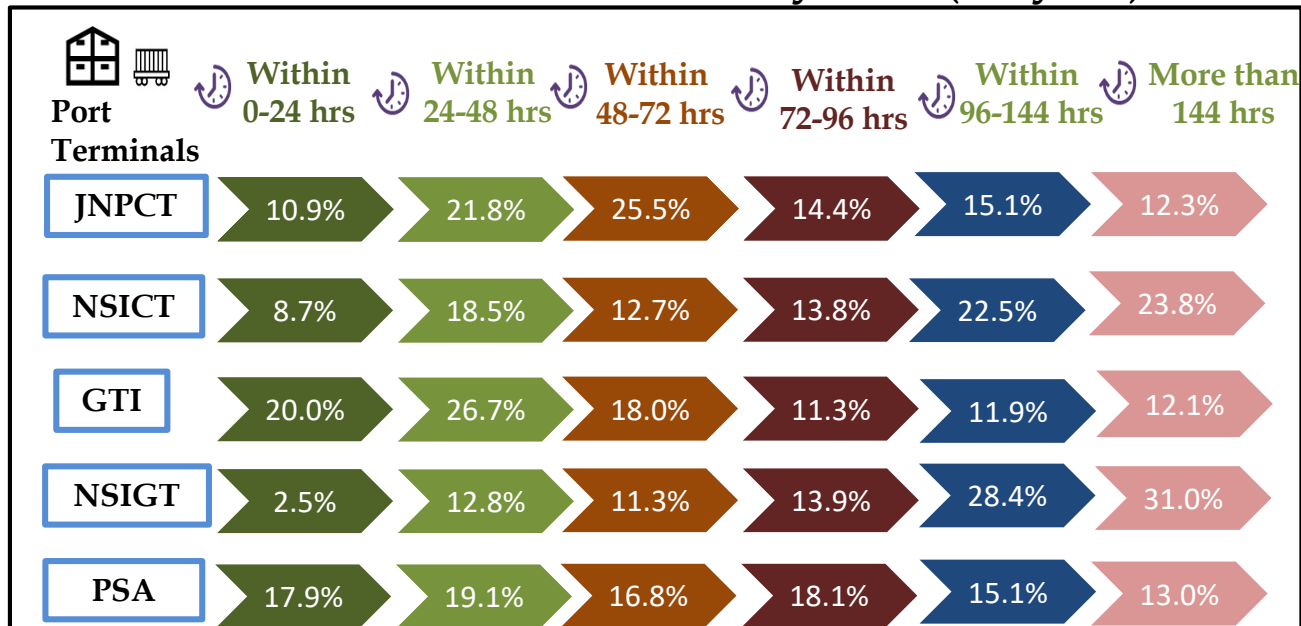
PORT IMPORT via TRAIN
(21% of total import volume at JNPT Port)

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	Apr'22 (in hrs)	May'22 (in hrs)
JNPCT	61.4	63.3
NSICT	69.7	91.6
GTI	46.1	51.3
NSIGT	85.6	109.4
BMCT	54.9	68.1

Container Handled: Day wise (May'22)

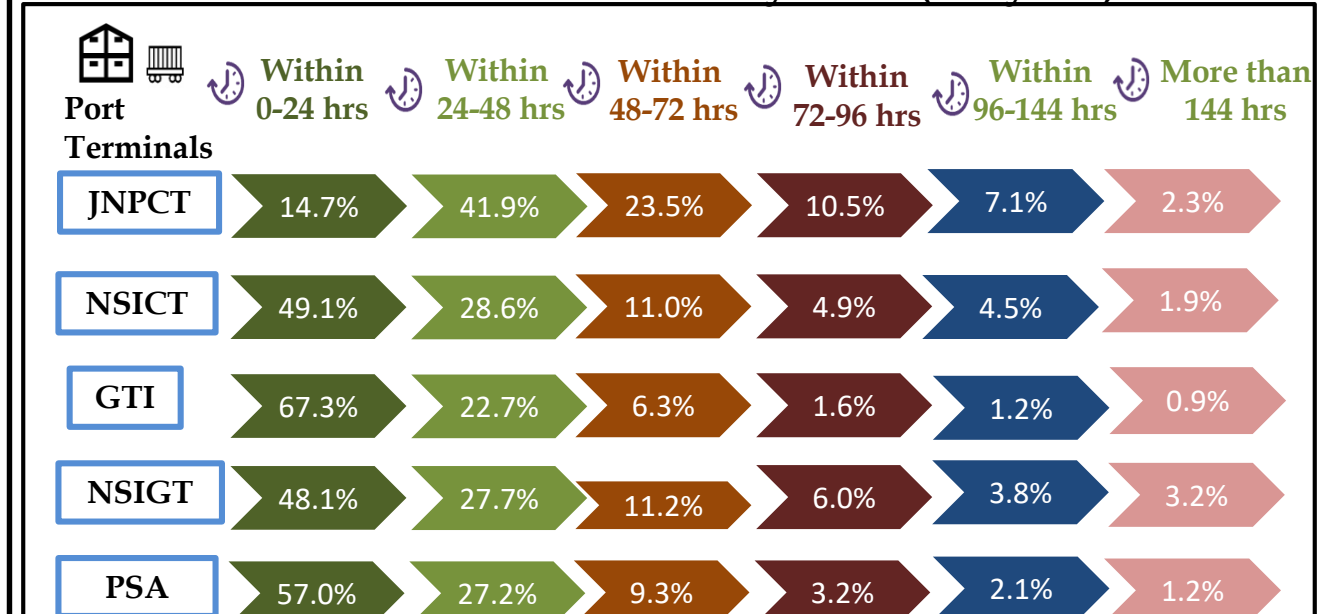| Port Terminals	Within 0-24 hrs	Within 24-48 hrs	Within 48-72 hrs	Within 72-96 hrs	Within 96-144 hrs	More than 144 hrs
JNPCT	10.9%	21.8%	25.5%	14.4%	15.1%	12.3%
NSICT	8.7%	18.5%	12.7%	13.8%	22.5%	23.8%
GTI	20.0%	26.7%	18.0%	11.3%	11.9%	12.1%
NSIGT	2.5%	12.8%	11.3%	13.9%	28.4%	31.0%
PSA	17.9%	19.1%	16.8%	18.1%	15.1%	13.0%

PORT IMPORT via TRUCK
(79% 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	Apr'22 (in hrs)	May'22 (in hrs)
JNPCT	40.5	43.9
NSICT	21.8	24.4
GTI	17.5	16.4
NSIGT	19.4	25.1
BMCT	19.9	20.9

Container Handled: Day wise (May'22)

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
JNPCT	14.7%	41.9%	23.5%	10.5%	7.1%	2.3%
NSICT	49.1%	28.6%	11.0%	4.9%	4.5%	1.9%
GTI	67.3%	22.7%	6.3%	1.6%	1.2%	0.9%
NSIGT	48.1%	27.7%	11.2%	6.0%	3.8%	3.2%
PSA	57.0%	27.2%	9.3%	3.2%	2.1%	1.2%

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 May'22

JNPCT

Port Dwell time based on transit type

May'22	Direct Port Delivery containers	Containers bound for CFS
Dwell time (in hrs)	47.5 hrs	45.3 hrs

Port Dwell time based on container type

May'22	Laden Containers	Empty Containers
Dwell time (in hrs)	43.1 hrs	57.7 hrs

GTI

Port Dwell time based on transit type

May'22	Direct Port Delivery containers	Containers bound for CFS
Dwell time (in hrs)	30.5 hrs	16.2 hrs

Port Dwell time based on transit type

May'22	Laden Containers	Empty Containers
Dwell time (in hrs)	17.6 hrs	28.8 hrs

JNPT Port Terminal: Dwell Time Performance (Import Cycle)

The below tables depict the detailed JNPT region port performance in the month of May'22

NSICT

Port Dwell time based on transit type

May'22	Direct Port Delivery containers	Containers bound for CFS
Dwell time (in hrs)	65.3 hrs	29.5 hrs

Port Dwell time based on container type

May'22	Laden Containers	Empty Containers
Dwell time (in hrs)	25.3 hrs	47.6 hrs

NSIGT

Port Dwell time based on transit type

May'22	Direct Port Delivery containers	Containers bound for CFS
Dwell time (in hrs)	69.9 hrs	23.2 hrs

Port Dwell time based on container type

May'22	Laden Containers	Empty Containers
Dwell time (in hrs)	28.1 hrs	46.7 hrs

BMCT

Port Dwell time based on transit type

May'22	Direct Port Delivery containers	Containers bound for CFS
Dwell time (in hrs)	29.6 hrs	23.7 hrs

Port Dwell time based on container type

May'22	Laden Containers	Empty Containers
Dwell time (in hrs)	21.9 hrs	34.2 hrs

JNPT Region: Congestion Analysis (Import Cycle)

The Below map indicate congestion around JNPT region in Import Cycle in month of May'22

Clusters with bottleneck	
CLUSTER 1	JNPT Area
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
CLUSTER 8	Taloja, Navi Mumbai

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
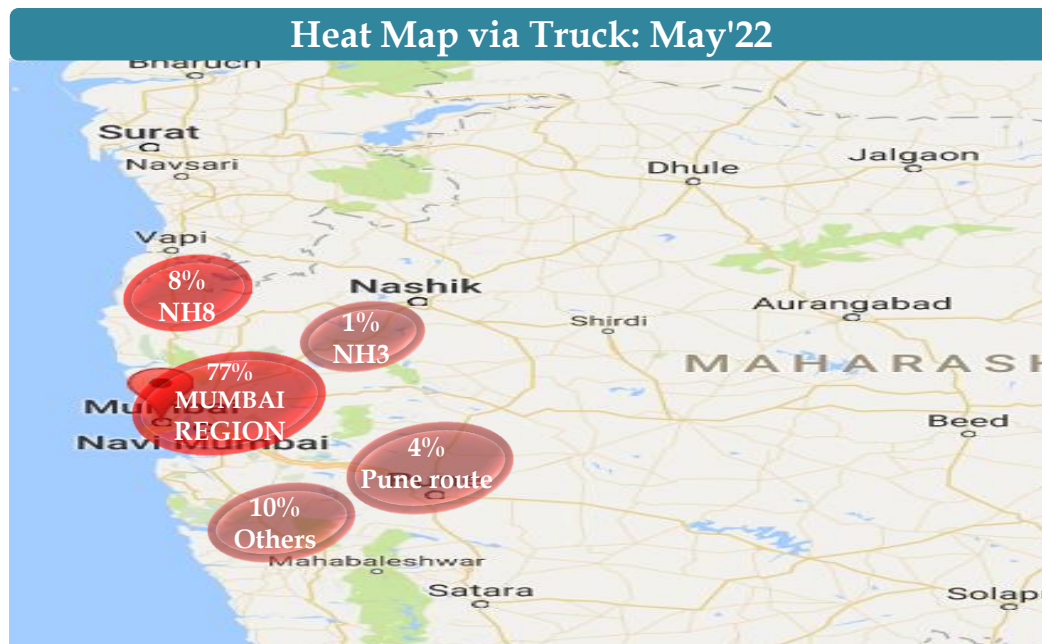2) Analysis consist of CFS covered under LDB project

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

Truck
HEAT MAP : OVERALL MUMBAI REGION

Region	May'22
Mumbai region	77%
NH3	1%
Pune	4%
NH8	8%
others	10%

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

Heat Map via Truck: May'22

Train
VOLUME WISE CONTAINER MOVEMENT

Region	May'22
Vadodra Route	33%
Ratlam Route	20%
Wardha Route	23%
Kota Route	11%
Bhopal Route	13%

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

Container movement via Rail – May'22

Western Corridor Toll Plaza Analysis
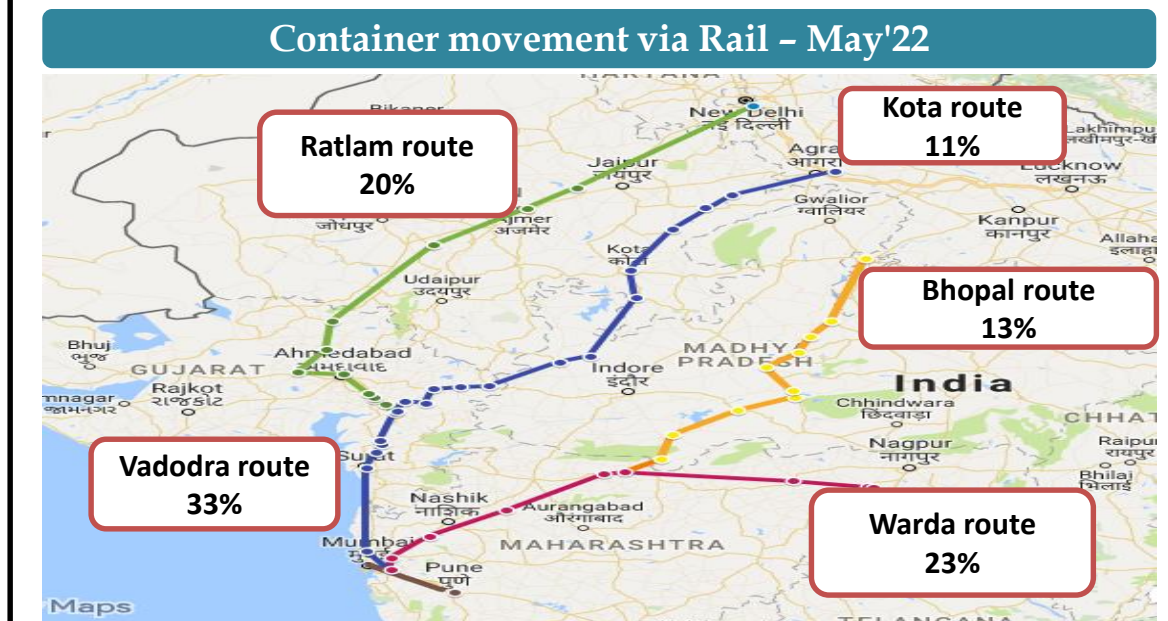
Avg. Speed between Toll to Toll Plazas					
	Source	Destination Toll Plaza	Inter Distance (Km)	Apr'22 (in km/hrs)	May'22 (in km/hrs)
JNPT	JNPT	Khaniwade	94	14.5	14.3
	JNPT	Khalapur	60	12.0	9.9
	Khaniwade	Charoti	50	37.7	35.9
	Charoti	Boriach	126	28.3	28.2
	Boriach	Bharthan	142	31.5	33.3
	Bharthan	Vasad	60	38.6	38.3
	Khalalpur	Khedshivpur	105	33.2	33.7

Toll Plaza - JNPT Port
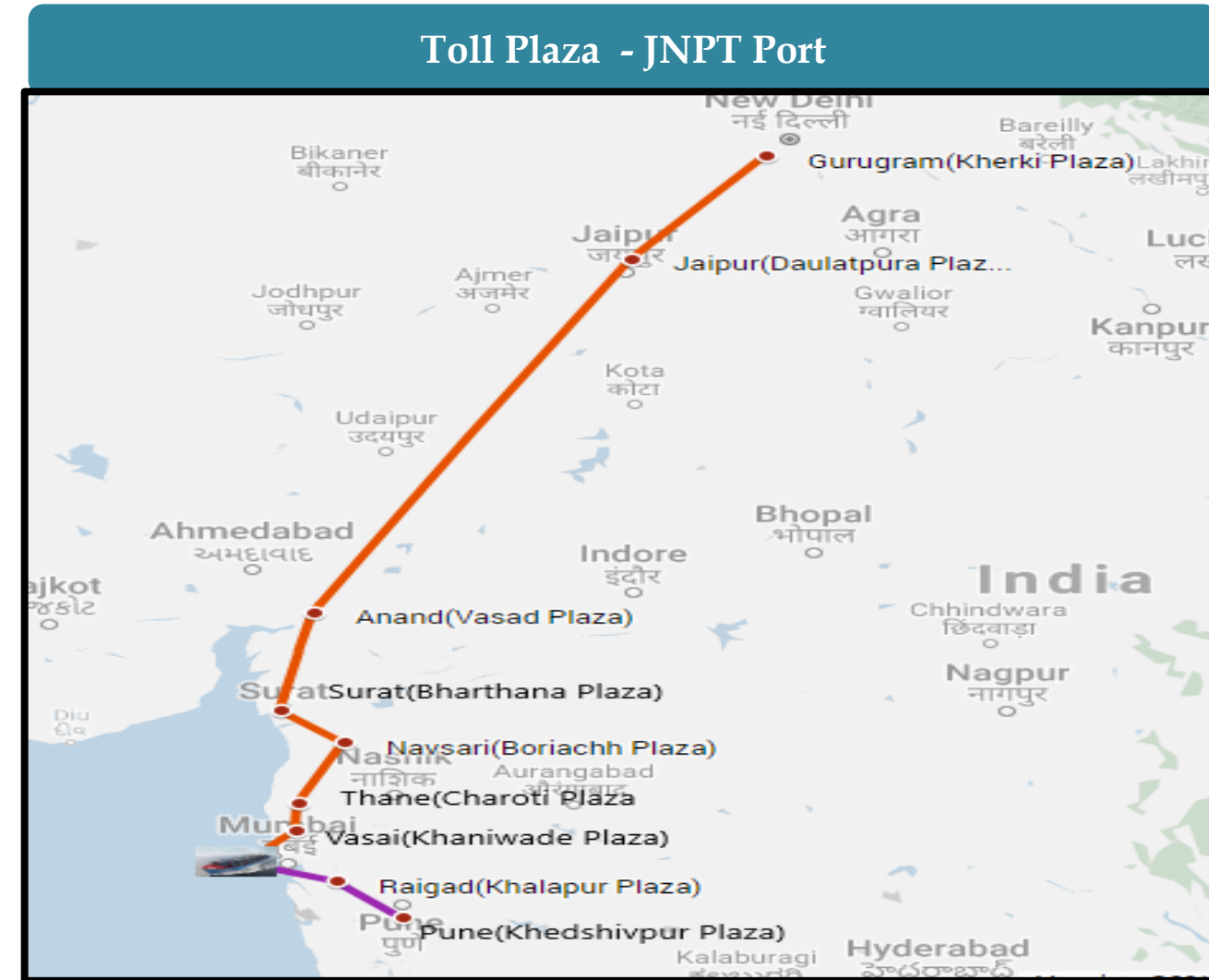
Export Cycle
Analysis

The below tables depict the port dwell time performance at JNPT port for truck and train bound containers in export cycle
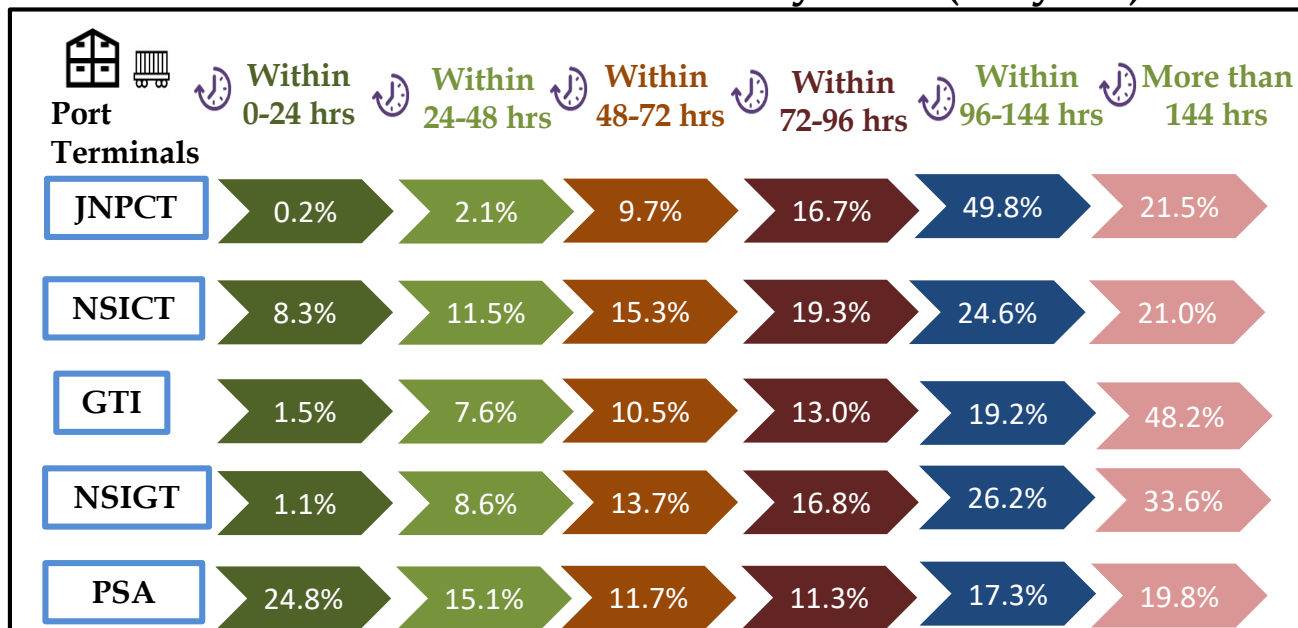
PORT EXPORT via TRAIN
(22% of total export volume at JNPT Port)

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	Apr'22 (in hrs)	May'22 (in hrs)
NSICT	100..1	90.9
GTI	137.2	140.1
NSIGT	119.1	113.3
BMCT	81.1	68.1

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

Container Handled: Day wise (May'22)

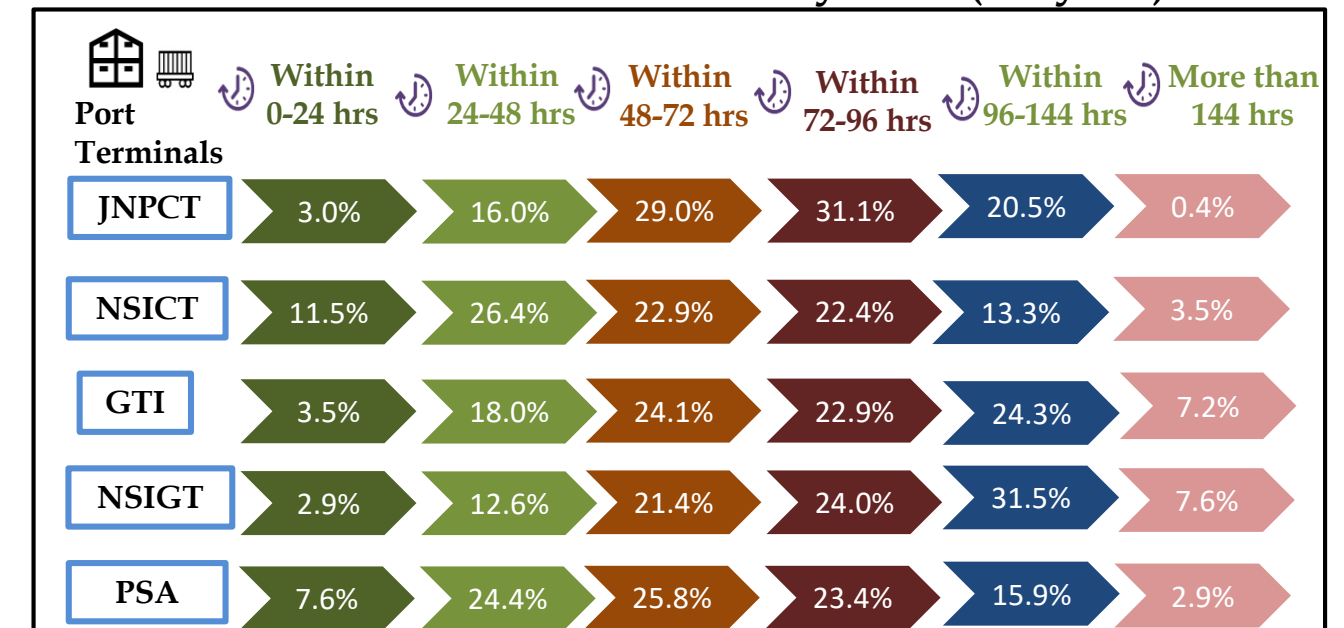| Port Terminals	Within 0-24 hrs	Within 24-48 hrs	Within 48-72 hrs	Within 72-96 hrs	Within 96-144 hrs	More than 144 hrs
JNPCT	0.2%	2.1%	9.7%	16.7%	49.8%	21.5%
NSICT	8.3%	11.5%	15.3%	19.3%	24.6%	21.0%
GTI	1.5%	7.6%	10.5%	13.0%	19.2%	48.2%
NSIGT	1.1%	8.6%	13.7%	16.8%	26.2%	33.6%
PSA	24.8%	15.1%	11.7%	11.3%	17.3%	19.8%

PORT EXPORT via TRUCK
(78% 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	Apr'22 (in hrs)	May'22 (in hrs)
JNPCT	72.7	73.4
NSICT	62.6	60.5
GTI	73.2	75.8
NSIGT	94.6	84.7
BMCT	77.5	64.7

Container Handled: Day wise (May'22)

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
JNPCT	3.0%	16.0%	29.0%	31.1%	20.5%	0.4%
NSICT	11.5%	26.4%	22.9%	22.4%	13.3%	3.5%
GTI	3.5%	18.0%	24.1%	22.9%	24.3%	7.2%
NSIGT	2.9%	12.6%	21.4%	24.0%	31.5%	7.6%
PSA	7.6%	24.4%	25.8%	23.4%	15.9%	2.9%

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 May'22

JNPCT

Port Dwell time based on transit type

May'22	Direct Port Exports containers	Containers bound for CFS
Dwell time (in hrs)	66.4 hrs	59.4 hrs

Port Dwell time based on container type

May'22	Laden Containers	Empty Containers
Dwell time (in hrs)	72.5 hrs	79.5 hrs

GTI

Port Dwell time based on transit type

May'22	Direct Port Exports containers	Containers bound for CFS
Dwell time (in hrs)	82.1 hrs	74.4 hrs

Port Dwell time based on container type

May'22	Laden Containers	Empty Containers
Dwell time (in hrs)	85.5 hrs	73.3 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 May'22

NSICT

Port Dwell time based on transit type		
May'22	Direct Port Exports containers	Containers bound for CFS
Dwell time (in hrs)	62.5 hrs	54.7 hrs

Port Dwell time based on container type		
May'22	Laden Containers	Empty Containers
Dwell time (in hrs)	65.7 hrs	44.1 hrs

NSIGT

Port Dwell time based on transit type		
May'22	Direct Port Exports containers	Containers bound for CFS
Dwell time (in hrs)	87.6 hrs	60.1 hrs

Port Dwell time based on container type		
May'22	Laden Containers	Empty Containers
Dwell time (in hrs)	90.0 hrs	76.3 hrs

BMCT

Port Dwell time based on transit type		
May'22	Direct Port Exports containers	Containers bound for CFS
Dwell time (in hrs)	-	63.0 hrs

Port Dwell time based on container type		
May'22	Laden Containers	Empty Containers
Dwell time (in hrs)	65.7 hrs	59.0 hrs

JNPT Region: Congestion Analysis (Export Cycle)

The Below map indicate congestion around JNPT region in Export Cycle in month of May'22
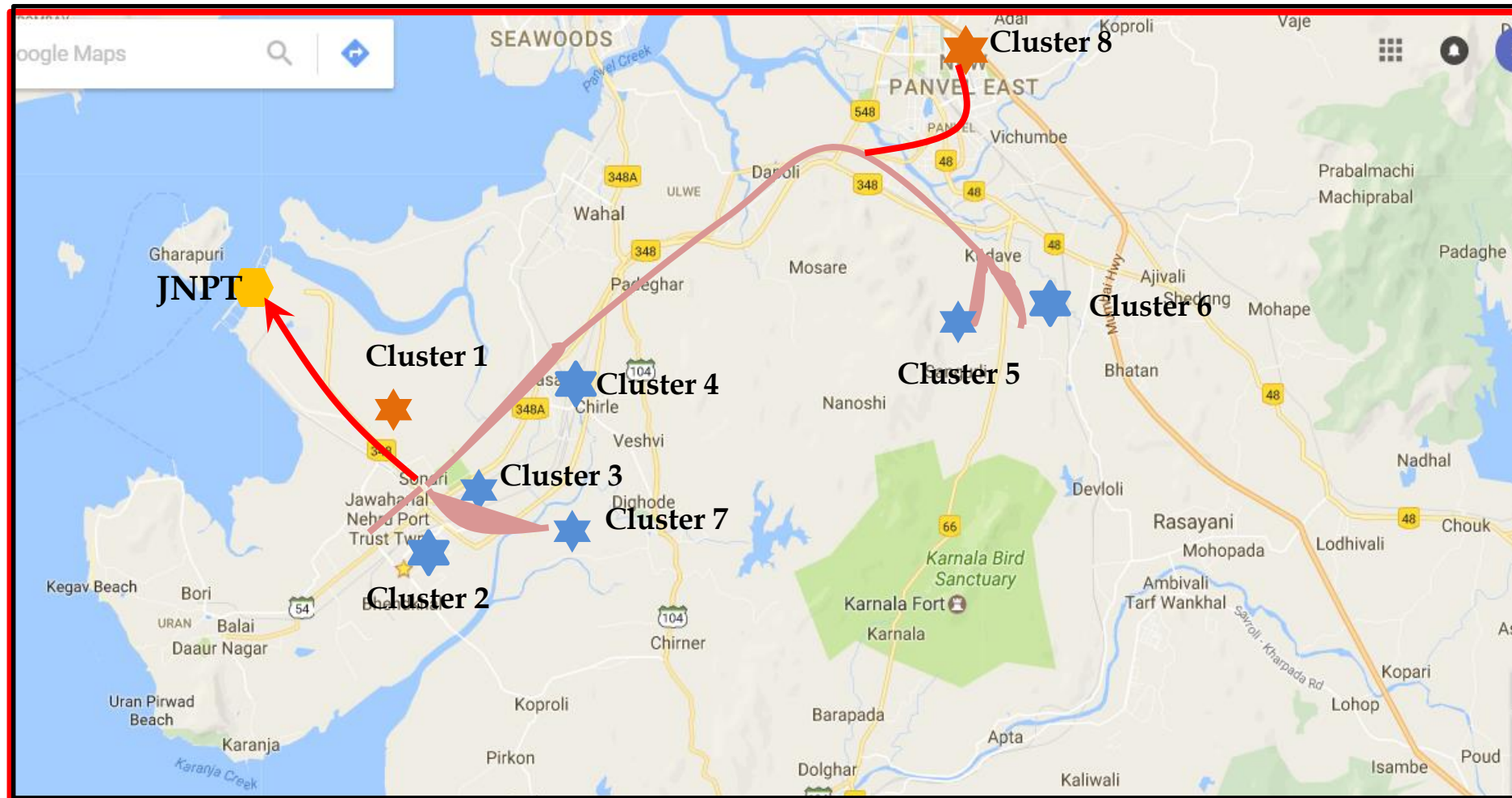
Clusters with bottleneck	
CLUSTER 1	JNPT Area
CLUSTER 8	Taloja, Navi Mumbai

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

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

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 :-

JNPT Region: Container Movement via Train

JNPT Port	
Route	**Percentage of Container Movement**
Vadodra Route	28%
Ratlam Route	21%
Wardha Route	27%
Kota Route	15%
Bhopal Route	9%

The map shows the volume wise container movement through different railway routes in export cycle for May'22

Container movement via Rail – May'22
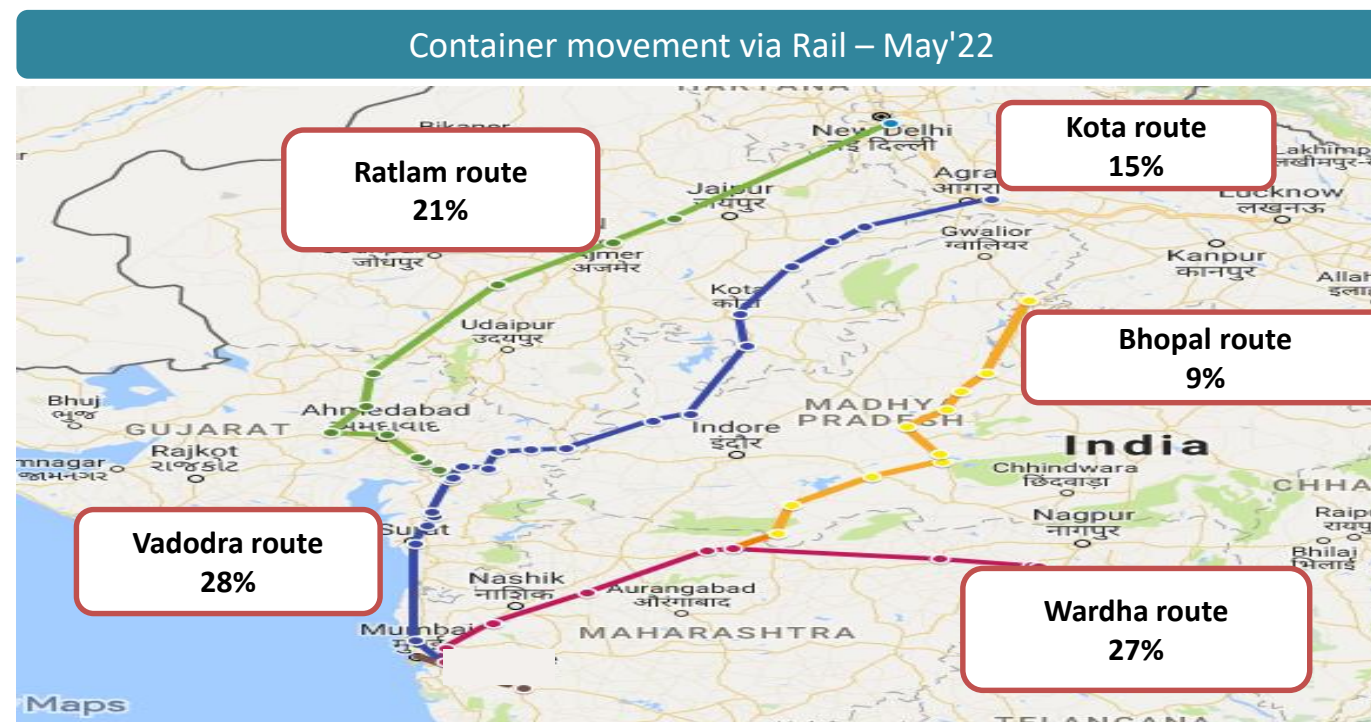
CFS and ICD Performance

JNPT region CFS : CFS DWELL TIME ANALYSIS

Below table and graphs show the dwell time of the respective CFSs for the month of May'22

CFS Dwell Time (in hrs.)

CFS	Apr'22 (in hrs)	May'22 (in hrs)
Gateway Distriparks CFS, Navi Mumbai	87.7	82.1
JWC Logistics Park CFS	81.1	82.1
Continental Warehousing CFS, Navi Mumbai	77.4	83.9
Navkar Corporation Yard 3 CFS, Panvel	96.4	96.9
Ameya Logistics CFS, Navi Mumbai	89.8	93.5
AllCargo Logistics	82.3	76.2
Speedy Multimode CFS, JNPT	91.9	87.0
International Cargo Terminals (ULA) CFS, Navi Mumbai	69.5	72.8
Ashte Logistics CFS, Panvel	96.2	91.3
Sarveshwar CFS	98.6	98.1
Apollo Logisolutions CFS, Panvel	92.2	98.2
Seabird CFS, Navi Mumbai	82.3	88.7
EFC Logistics India	75.1	82.2
Navkar Corporation Yard 2 CFS, Panvel	88.1	100.8
Dronagiri Rail Terminal CFS, Navi Mumbai	94.5	89.0

CFS	Apr'22 (in hrs)	May'22 (in hrs)
Ocean Gate CFS, Panvel	95.7	91.1
Vaishno Logistics CFS, Navi Mumbai	95.2	98.5
Take Care Logistics CFS	103.8	90.9
International Cargo Terminal CFS	89.9	80.6
TG Terminals CFS	81.2	83.2
Balmer & Lawrie CFS, Navi Mumbai	86.1	86.0
Punjab Conware CFS, Navi Mumbai	72.2	84.1
Kerry Indev Logistics Pvt Ltd CFS	85.6	81.9
APM (Maersk India) CFS, Navi Mumbai	96.2	96.5
Maersk Annex (APM)CFS, Navi Mumbai	77.8	86.9
Maharashtra State Corp CFS	82.7	76.9
Navkar Corporation Yard 1 CFS, Panvel	97.7	100.3
CWC Impex Park CFS, Navi Mumbai	72.0	68.9
JWR CFS	88.7	71.7

CFS – DWELL OVERVIEW – MAY'22 (IN HRS)

Average: 89.9 hrs.
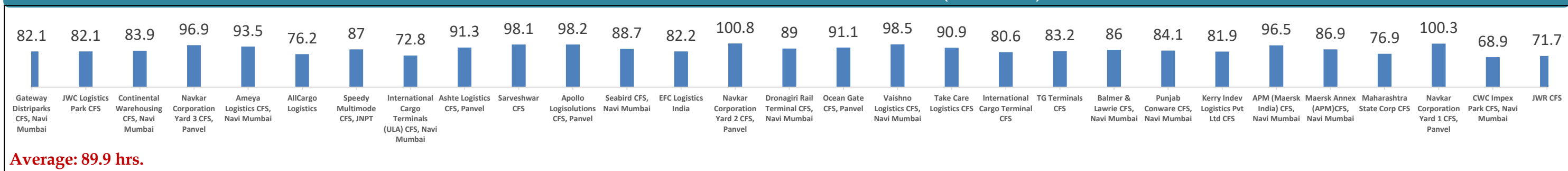
ICD DWELL TIME ANALYSIS

The table below depicts the dwell of all ICDs

ICD Dwell Time (in Hrs)		
ICD	Apr'22 (in hrs)	May'22 (in hrs)
ACTL ICD, Faridabad	139	119
Adani Logistics Park ICD, Gurgaon	141	148
Albatross Inland Ports ICD, Dadri	104	100
Allcargo Logistics Park ICD, Dadri	115	112
APM Terminals ICD, Dadri	124	111
CMA CGM Logistics Park, Dadri	89	105
Gateway Rail Freight ICD, Gurgaon	83	83
GatewayRail Freight ICD, Pyala	133	135
Hind Terminals Logistics Park ICD, Palwal	125	146
Navkar ICD, Tumb	126	143
Pristine ICD Chawapail	113	116
THE THAR DRY PORT	158	134

ICD – DWELL OVERVIEW (MAY'22) (In Hrs)

Avg. 120.0 hrs.

Trend Analysis
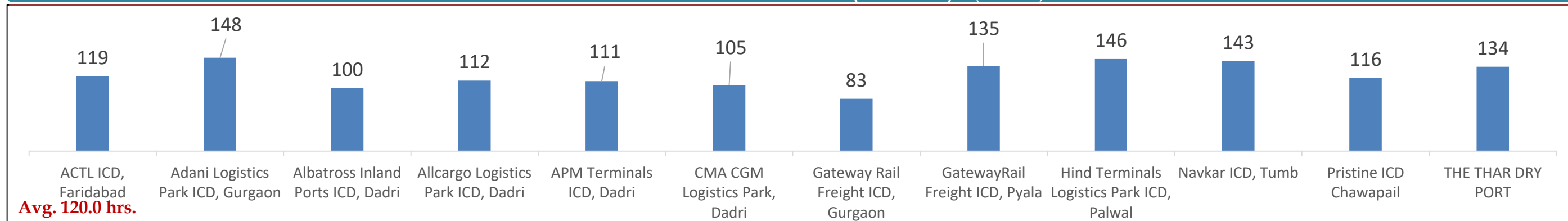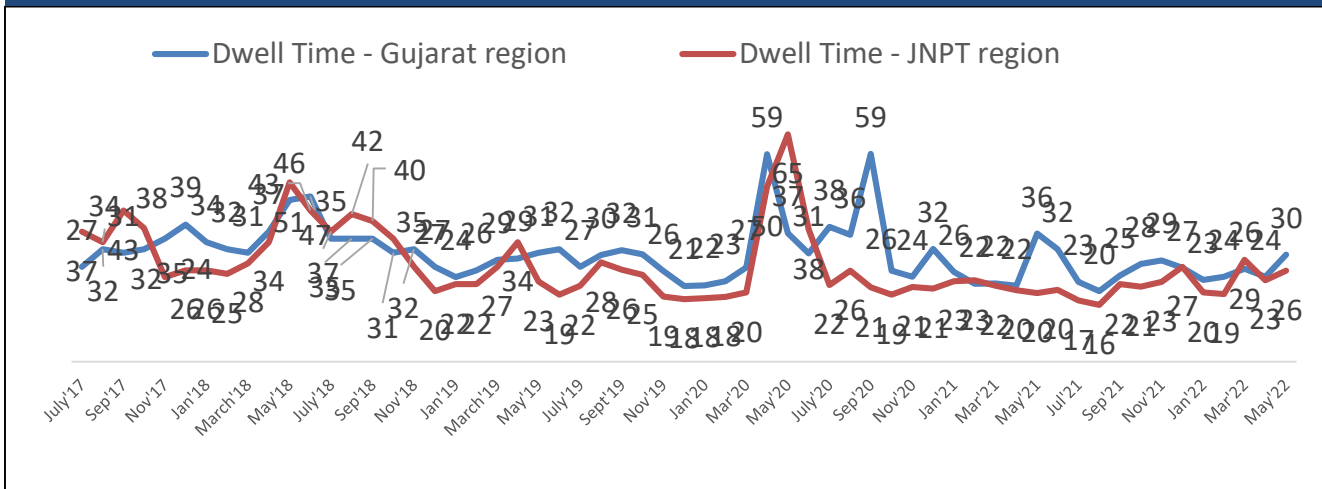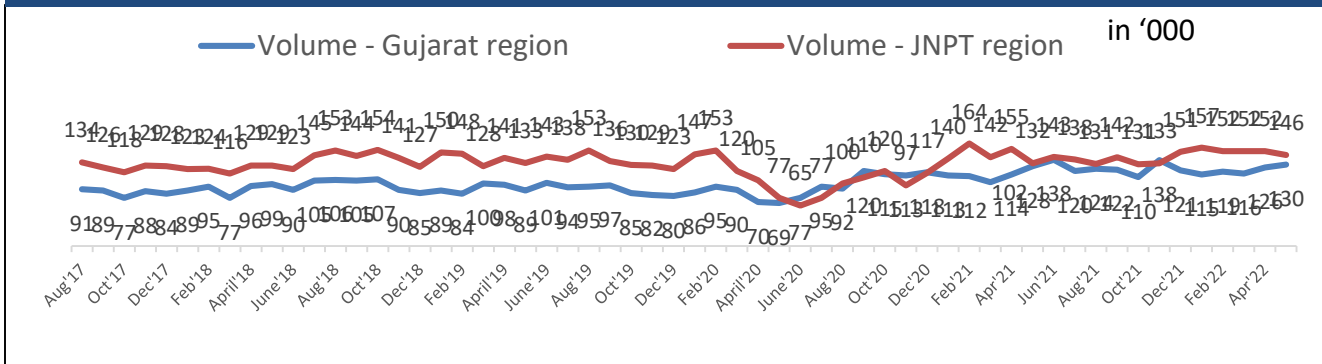
Western Corridor Port – Yearly Analysis

Container Volume and Dwell time of all the terminals in JNPT and Mundra Port has been analysed until May'22

Import Cycle

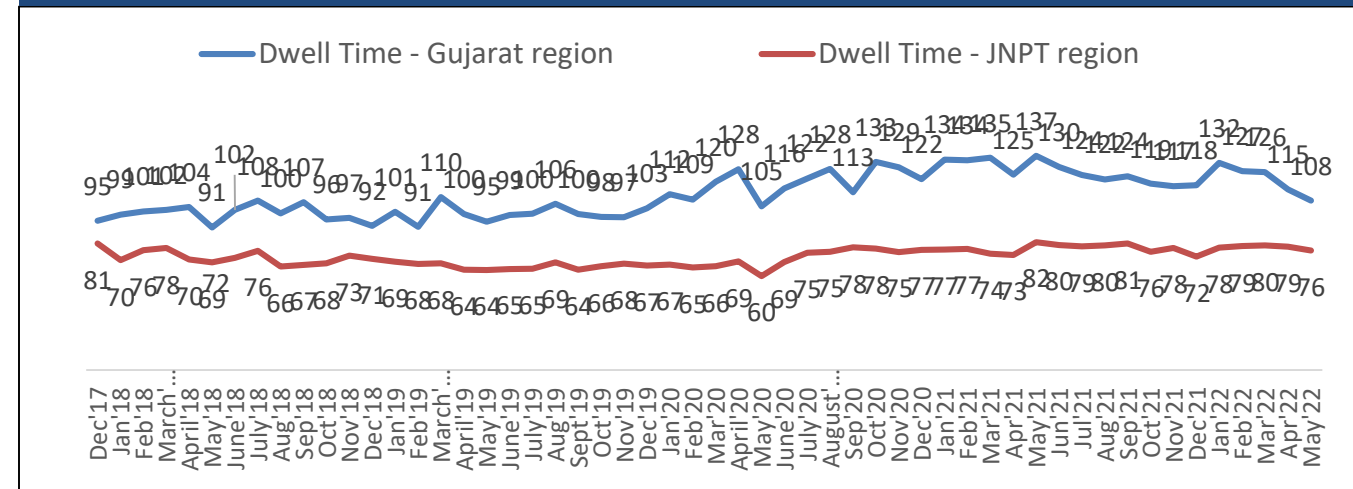### Dwell Time – Mundra Region Vs JNPT Region

Volume – Mundra Region Vs JNPT Region

in '000

Export Cycle

Dwell Time – Mundra Region Vs JNPT Region
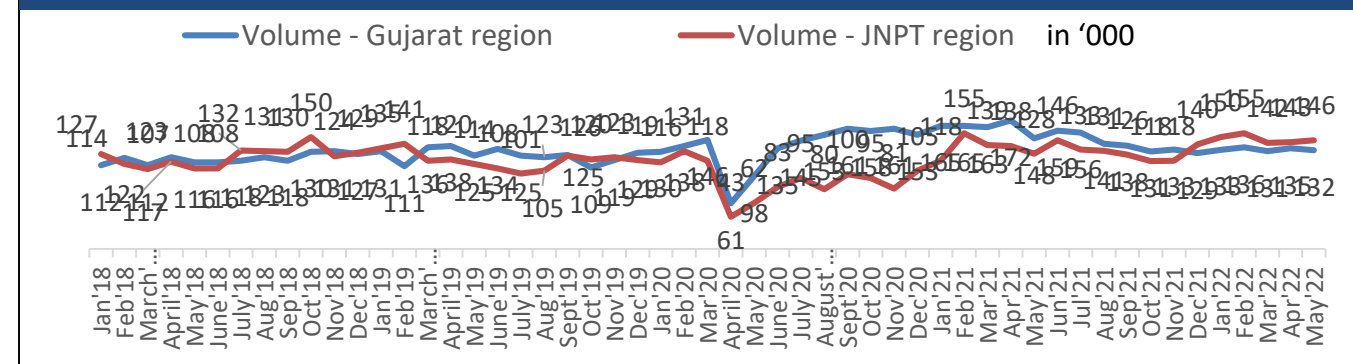

Volume – Mundra Region Vs JNPT Region

in '000

In Import cycle, for the month of May'22 Mundra port has catered 12% **more volume** than JNPT Port, and has performed with 15% **higher dwell time** than JNPT Port.
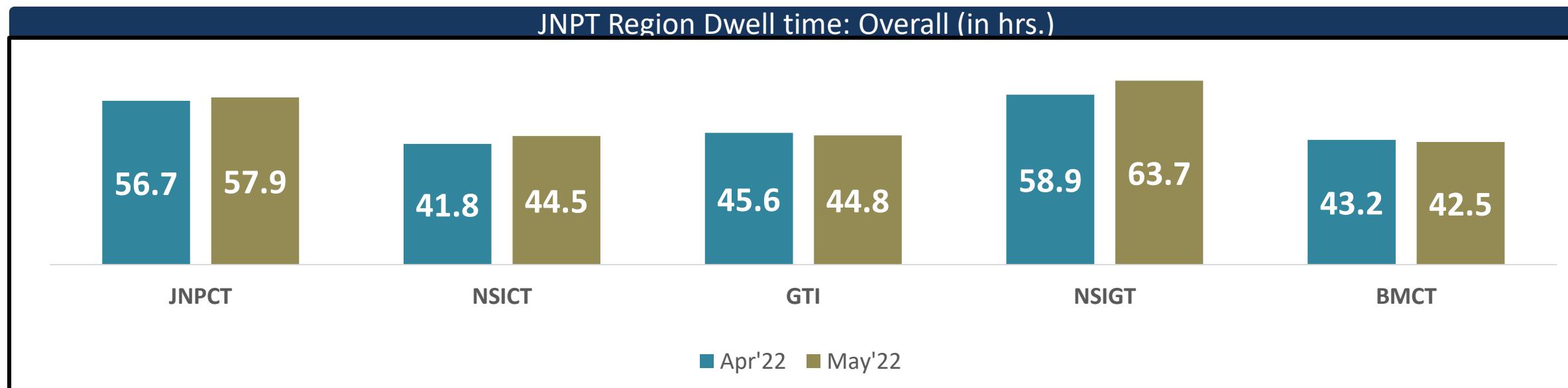
In Export cycle, for the month May'22 JNPT port catered **10% more volume** than Mundra Port, and has maintained 29% **lower dwell time** than Mundra Port

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
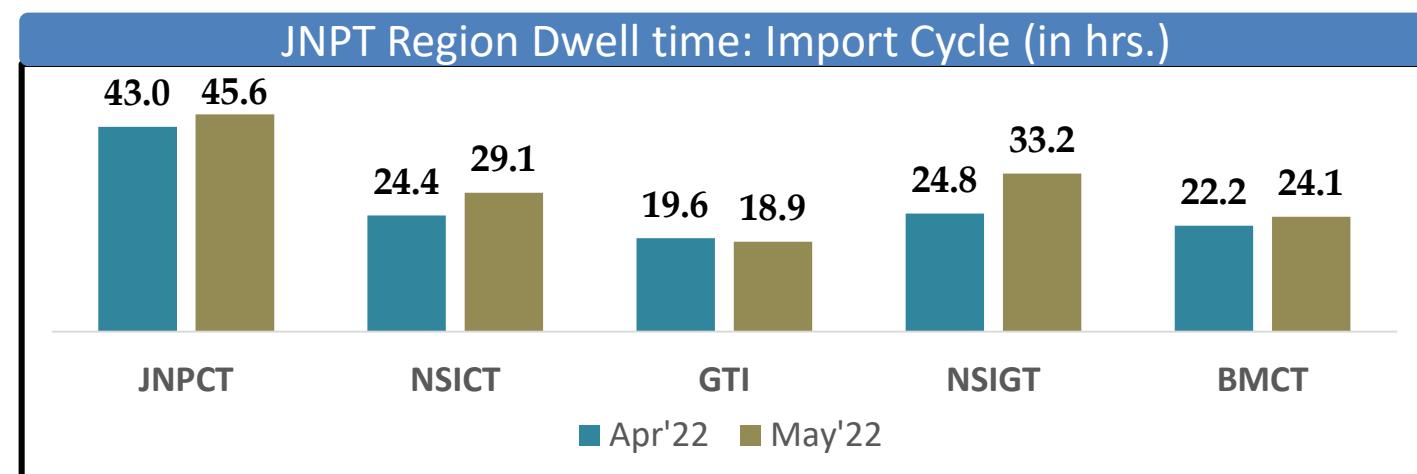
JNPT Region Dwell time: Overall (in hrs.)

	JNPCT	NSICT	GTI	NSIGT	BMCT
Apr'22	56.7	41.8	45.6	58.9	43.2
May'22	57.9	44.5	44.8	63.7	42.5

The overall JNPT region average dwell time for May'22 is **50.7 hrs** as compared to **49.2 hrs** in Apr'22

The below tables showcase the Import and Export cycle dwell time for both rail and truck bound containers for month of May'22
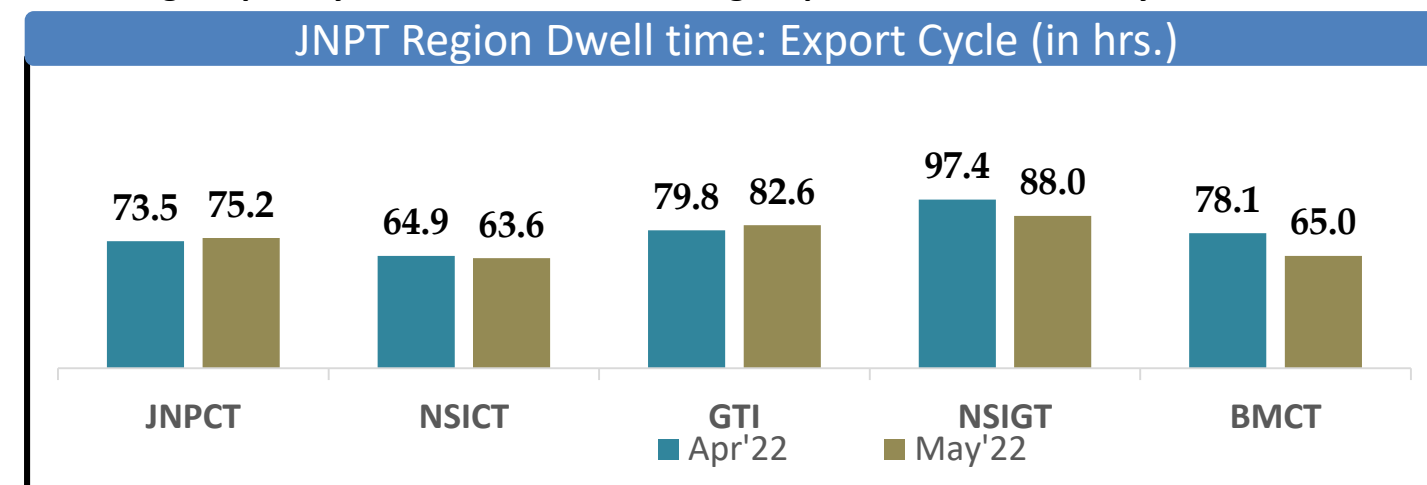
JNPT Import cycle Trend

The average import cycle dwell time of JNPT region port terminals for May'22 is **25.8 hrs.**

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

	JNPCT	NSICT	GTI	NSIGT	BMCT
Apr'22	43.0	24.4	19.6	24.8	22.2
May'22	45.6	29.1	18.9	33.2	24.1

JNPT Export cycle Trend

The average export cycle dwell time of JNPT region port terminals for May'22 is **76.1 hrs.**

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

	JNPCT	NSICT	GTI	NSIGT	BMCT
Apr'22	73.5	64.9	79.8	97.4	78.1
May'22	75.2	63.6	82.6	88.0	65.0

ANNEXURE

Container movement around JNPT Port terminal region via Truck

HEAT MAP : GTI Port Terminal
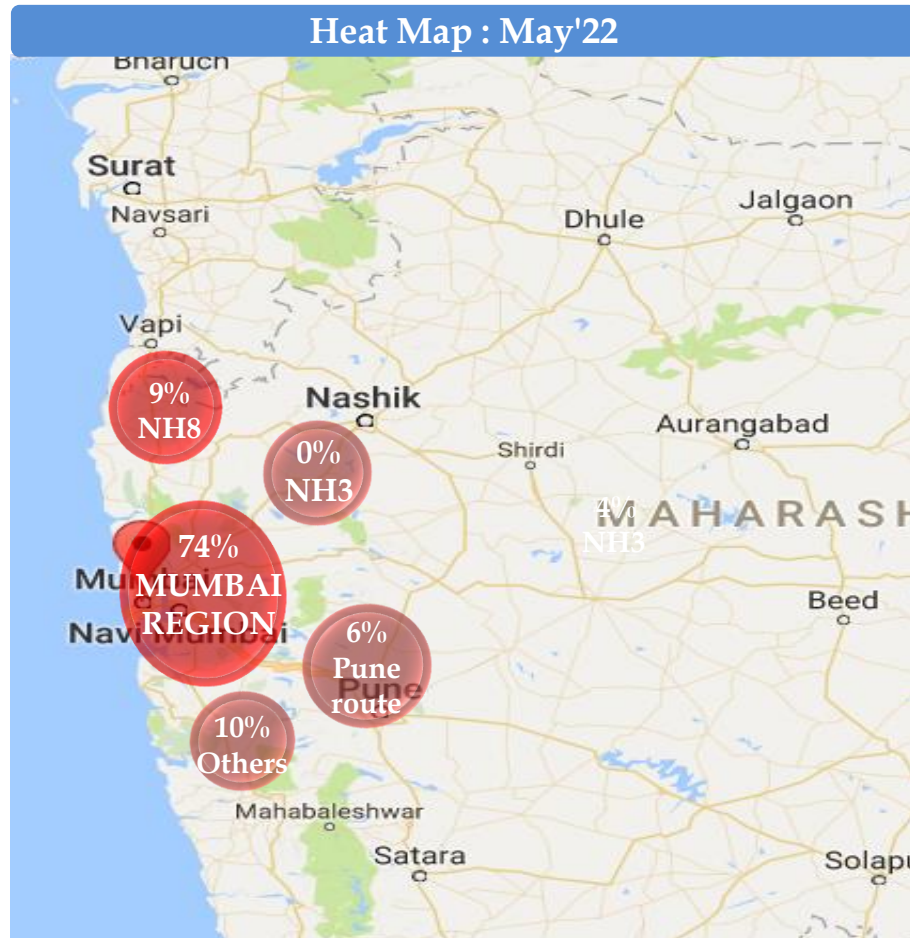
Heat Map : May'22

Region	Apr'22	May'22
Mumbai region	76%	74%
NH3	1%	0%
Pune	5%	6%
NH8	8%	9%
others	10%	10%

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

HEAT MAP : JNPCT Port Terminal
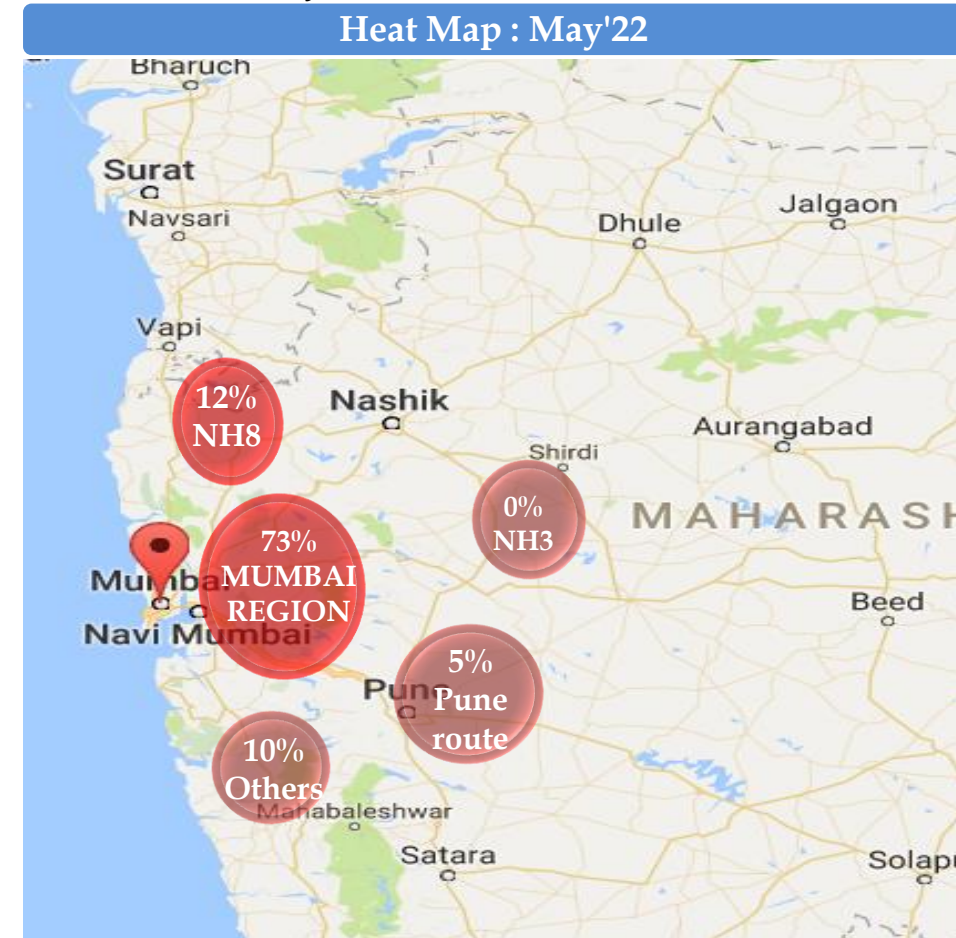
Heat Map : May'22

Region	Apr'22	May'22
Mumbai region	74%	73%
NH3	1%	0%
Pune	4%	5%
NH8	11%	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

NLDS
NICDC LOGISTICS DATA SERVICES LTD
Logistics Redefined

HEAT MAP : NSIGT Port Terminal

Heat Map : May'22

Region	Apr'22	May'22
Mumbai region	77%	75%
NH3	0%	1%
Pune	4%	5%
NH8	9%	9%
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 : May'22

Region	Apr'22	May'22
Mumbai region	77%	74%
NH3	1%	0%
Pune	4%	5%
NH8	8%	11%
others	10%	10%

The heat map above depicts the movement of containers in and around the Mumbai region.
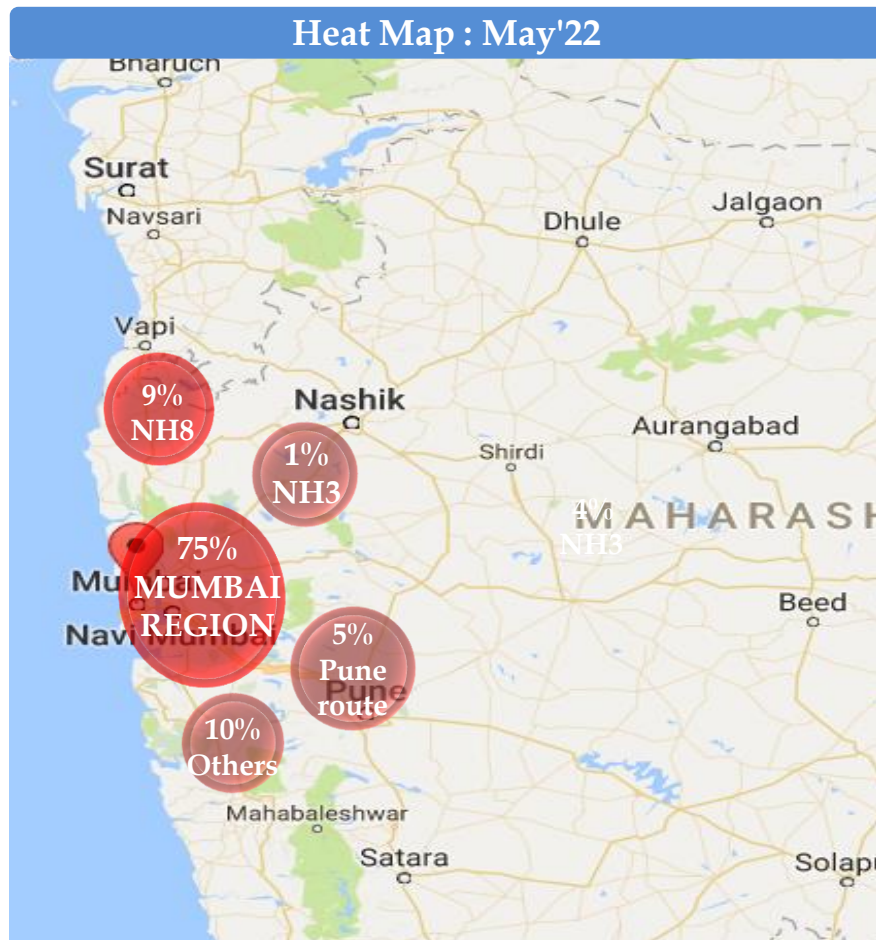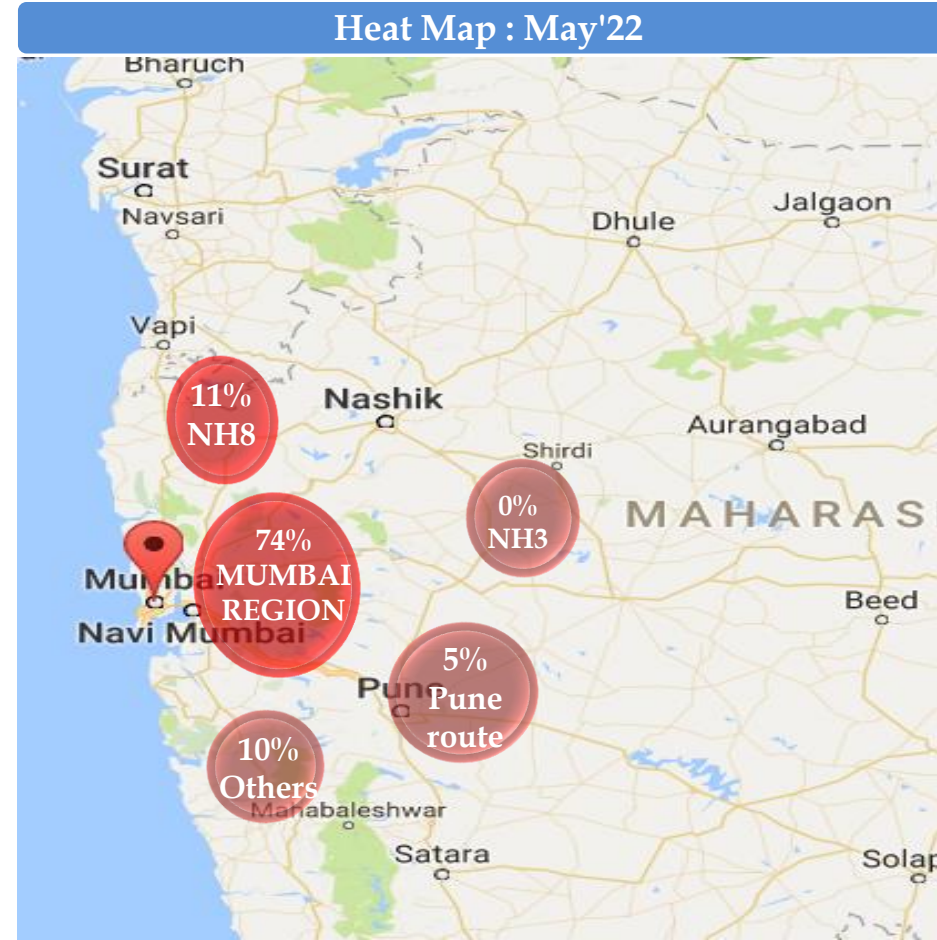
HEAT MAP : BMCT Port Terminal

Heat Map : May'22

Region	Apr'22	May'22
Mumbai region	79%	76%
NH3	0%	0%
Pune	4%	5%
NH8	7%	10%
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 May'22					
CFS Out Port in (Export Cycle in Hrs)					
CFS	**JNPCT**	**GTI**	**NSICT**	**NSIGT**	**BMCT**
Gateway Distriparks CFS, Navi Mumbai	5.3	2.1	3.3	2.3	2.7
Punjab Conware CFS, Navi Mumbai	-	2.6	1.5	4.9	2.1
JWC Logistics Park CFS	2.5	3.2	2.5	3.1	5.6
CWC Hind Terminal CFS, Navi Mumbai	-	-	-	-	-
Dronogiri Rail Terminal CFS, Navi Mumbai	10.2	2.0	1.7	2.4	2.9
Navkar Corporation Yard 2 CFS, Panvel	3.7	5.1	4.7	4.8	6.4
Vaishno Logistics CFS, Navi Mumbai	2.3	2.0	2.2	4.2	2.9
Speedy Multimode CFS, JNPT	2.6	2.3	2.4	2.1	3.2
Balmer & Lawrie CFS, Navi Mumbai	-	2.5	3.8	2.7	3.5
Navkar Corporation Yard 3 CFS, Panvel	4.8	4.5	4.0	5.1	5.6
Ashte Logistics CFS, Panvel	3.6	3.8	3.8	4.3	5.1
Continental Warehousing CFS, Navi Mumbai	3.3	2.0	1.5	2.2	2.6
SBW Logistics CFS, Navi Mumbai	10.3	7.4	10.5	5.5	9.4
Maharashtra State Corp CFS	7.1	2.6	2.0	2.6	3.9
Internation Cargo Terminal CFS	6.2	2.3	2.1	3.1	3.8
Seabird CFS, Navi Mumbai	15.0	2.3	2.6	2.9	3.5
Apollo Logisolutions CFS, Panvel	4.3	3.5	2.9	4.0	3.7
Ameya Logistics CFS, Navi Mumbai	5.2	2.8	2.3	3.1	3.5
AllCargo Logistics	3.6	2.3	2.8	2.4	3.8
Ocean Gate CFS, Panvel	3.9	2.9	3.4	3.6	7.2
International Cargo Terminals (ULA) CFS, Navi Mumbai	-	2.5	2.4	2.6	3.0
Indev Logistics CFS, Panvel	3.8	3.0	3.0	5.4	7.0
CWC Dronagiri CFS, Navi Mumbai	-	-	-	-	-
APM (Maersk India) CFS, Navi Mumbai	1.9	2.0	2.8	1.8	4.5

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	**May'22 (in hrs)**
Gateway Distriparks CFS, Navi Mumbai	2.9
APM (Maersk India) CFS, Navi Mumbai	2.2
Internation Cargo Terminal CFS	2.0
Ameya Logistics CFS, Navi Mumbai	2.4
AllCargo Logistics	2.6
Indev Logistics CFS, Panvel	4.4
Navkar Corporation Yard 3 CFS, Panvel	4.4
Seabird CFS, Navi Mumbai	2.5
Balmer & Lawrie CFS, Navi Mumbai	3.1
Ashte Logistics CFS, Panvel	3.3
Continental Warehousing CFS, Navi Mumbai	1.7
CWC Hind Terminal CFS, Navi Mumbai	-
Dronogiri Rail Terminal CFS, Navi Mumbai	3.0
Navkar Corporation Yard 1 CFS, Panvel	3.5
International Cargo Terminals (ULA) CFS, Navi Mumbai	2.5
Maersk Annex (APM)CFS, Navi Mumbai	2.2
Speedy Multimode CFS, JNPT	2.4
Apollo Logisolutions CFS, Panvel	4.0
Navkar Corporation Yard 2 CFS, Panvel	4.4
Punjab Conware CFS, Navi Mumbai	1.8
Vaishno Logistics CFS, Navi Mumbai	2.9
JWC Logistics Park CFS	4.5
SBW Logistics CFS, Navi Mumbai	3.6
Ocean Gate CFS, Panvel	4.2
Maharashtra State Corp CFS	1.7

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	**May'22 (in hrs)**
Gateway Distriparks CFS, Navi Mumbai	2.8
APM (Maersk India) CFS, Navi Mumbai	2.3
Internation Cargo Terminal CFS	2.1
Ameya Logistics CFS, Navi Mumbai	1.9
AllCargo Logistics	2.4
Indev Logistics CFS, Panvel	4.7
Navkar Corporation Yard 3 CFS, Panvel	4.2
Seabird CFS, Navi Mumbai	2.2
Balmer & Lawrie CFS, Navi Mumbai	2.3
Ashte Logistics CFS, Panvel	3.0
Continental Warehousing CFS, Navi Mumbai	1.6
CWC Hind Terminal CFS, Navi Mumbai	-
Dronogiri Rail Terminal CFS, Navi Mumbai	2.2
Navkar Corporation Yard 1 CFS, Panvel	4.3
International Cargo Terminals (ULA) CFS, Navi Mumbai	2.2
Maersk Annex (APM)CFS, Navi Mumbai	2.9
Speedy Multimode CFS, JNPT	1.8
Apollo Logisolutions CFS, Panvel	3.5
Navkar Corporation Yard 2 CFS, Panvel	3.0
Punjab Conware CFS, Navi Mumbai	2.1
Vaishno Logistics CFS, Navi Mumbai	2.4
JWC Logistics Park CFS	4.9
SBW Logistics CFS, Navi Mumbai	3.2
Ocean Gate CFS, Panvel	3.9
Maharashtra State Corp CFS	2.3

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

AVERAGE DELIVERY TIME (In Hrs)- NSICT TO ALL CFS IN MUMBAI	
CFS	May'22 (in hrs)
Gateway Distriparks CFS, Navi Mumbai	2.6
APM (Maersk India) CFS, Navi Mumbai	1.9
Internation Cargo Terminal CFS	1.8
Ameya Logistics CFS, Navi Mumbai	2.1
AllCargo Logistics	2.6
Indev Logistics CFS, Panvel	5.3
Navkar Corporation Yard 3 CFS, Panvel	4.6
Seabird CFS, Navi Mumbai	3.3
Balmer & Lawrie CFS, Navi Mumbai	2.4
Ashte Logistics CFS, Panvel	3.6
Continental Warehousing CFS, Navi Mumbai	1.5
CWC Hind Terminal CFS, Navi Mumbai	-
Dronogiri Rail Terminal CFS, Navi Mumbai	34.1
Navkar Corporation Yard 1 CFS, Panvel	4.5
International Cargo Terminals (ULA) CFS, Navi Mumbai	2.5
Maersk Annex (APM)CFS, Navi Mumbai	1.8
Speedy Multimode CFS, JNPT	2.0
Apollo Logisolutions CFS, Panvel	5.8
Navkar Corporation Yard 2 CFS, Panvel	6.0
Punjab Conware CFS, Navi Mumbai	2.0
Vaishno Logistics CFS, Navi Mumbai	2.3
JWC Logistics Park CFS	4.4
SBW Logistics CFS, Navi Mumbai	2.8
Ocean Gate CFS, Panvel	4.3
Maharashtra State Corp CFS	2.2

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	May'22 (in hrs)
Gateway Distriparks CFS, Navi Mumbai	2.8
APM (Maersk India) CFS, Navi Mumbai	1.8
Internation Cargo Terminal CFS	1.7
Ameya Logistics CFS, Navi Mumbai	2.2
AllCargo Logistics	2.4
Indev Logistics CFS, Panvel	4.3
Navkar Corporation Yard 3 CFS, Panvel	5.1
Seabird CFS, Navi Mumbai	2.4
Balmer & Lawrie CFS, Navi Mumbai	1.9
Ashte Logistics CFS, Panvel	3.2
Continental Warehousing CFS, Navi Mumbai	1.6
CWC Hind Terminal CFS, Navi Mumbai	-
Dronogiri Rail Terminal CFS, Navi Mumbai	7.7
Navkar Corporation Yard 1 CFS, Panvel	5.4
International Cargo Terminals (ULA) CFS, Navi Mumbai	2.0
Maersk Annex (APM)CFS, Navi Mumbai	1.7
Speedy Multimode CFS, JNPT	2.7
Apollo Logisolutions CFS, Panvel	3.6
Navkar Corporation Yard 2 CFS, Panvel	3.8
Punjab Conware CFS, Navi Mumbai	2.2
Vaishno Logistics CFS, Navi Mumbai	2.2
JWC Logistics Park CFS	5.6
SBW Logistics CFS, Navi Mumbai	4.2
Ocean Gate CFS, Panvel	3.9
Maharashtra State Corp CFS	3.2

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	May'22 (in hrs)
Gateway Distriparks CFS, Navi Mumbai	3.1
APM (Maersk India) CFS, Navi Mumbai	2.0
Internation Cargo Terminal CFS	1.9
Ameya Logistics CFS, Navi Mumbai	2.4
AllCargo Logistics	2.2
Indev Logistics CFS, Panvel	4.6
Navkar Corporation Yard 3 CFS, Panvel	4.1
Seabird CFS, Navi Mumbai	2.7
Balmer & Lawrie CFS, Navi Mumbai	2.7
Ashte Logistics CFS, Panvel	3.5
Continental Warehousing CFS, Navi Mumbai	1.7
CWC Hind Terminal CFS, Navi Mumbai	-
Dronogiri Rail Terminal CFS, Navi Mumbai	4.6
Navkar Corporation Yard 1 CFS, Panvel	3.7
International Cargo Terminals (ULA) CFS, Navi Mumbai	2.2
Maersk Annex (APM)CFS, Navi Mumbai	1.9
Speedy Multimode CFS, JNPT	2.0
Apollo Logisolutions CFS, Panvel	3.7
Navkar Corporation Yard 2 CFS, Panvel	3.2
Punjab Conware CFS, Navi Mumbai	1.9
Vaishno Logistics CFS, Navi Mumbai	2.3
JWC Logistics Park CFS	3.4
SBW Logistics CFS, Navi Mumbai	3.2
Ocean Gate CFS, Panvel	4.2
Maharashtra State Corp CFS	1.9

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 May'22				
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	2.4	2.3
Cluster 2	6	13	2.4	2.3
Cluster 3	6	11	2.2	2.4
Cluster 4	1	13	2.9	2.0
Cluster 5	2	25	4.3	3.0
Cluster 6	6	25	4.2	3.8
Cluster 7	4	12	2.4	2.3
Cluster 8	1	34	3.6	7.4

CFS Cluster : JNPCT Terminal

JNPCT terminal for month of May'22				
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	2.6
Cluster 2	6	13	2.3	5.3
Cluster 3	6	11	2.2	10.2
Cluster 4	1	13	2.4	2.3
Cluster 5	2	25	4.4	3.2
Cluster 6	6	25	3.8	3.8
Cluster 7	4	12	1.9	3.6
Cluster 8	1	34	3.2	10.3

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

	NSICT terminal for month of May'22			
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	2.4
Cluster 2	6	13	2.2	2.8
Cluster 3	6	11	2.7	1.8
Cluster 4	1	13	2.3	2.2
Cluster 5	2	25	4.4	2.9
Cluster 6	6	25	5.0	3.8
Cluster 7	4	12	2.1	2.3
Cluster 8	1	34	2.8	10.5

CFS Cluster : NSIGT Terminal

	NSIGT terminal for month of May'22			
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	2.7	2.1
Cluster 2	6	13	1.9	2.6
Cluster 3	6	11	2.0	2.7
Cluster 4	1	13	2.2	4.2
Cluster 5	2	25	4.7	3.4
Cluster 6	6	25	4.1	4.8
Cluster 7	4	12	2.2	2.4
Cluster 8	1	34	4.2	5.5

CFS Cluster : BMCT Terminal

	BMCT terminal for month of May'22			
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	3.2
Cluster 2	6	13	2.1	3.5
Cluster 3	6	11	2.0	3.2
Cluster 4	1	13	2.3	2.9
Cluster 5	2	25	3.8	6.4
Cluster 6	6	25	3.7	5.6
Cluster 7	4	12	2.2	3.5
Cluster 8	1	34	3.2	9.4

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

Operational
To be Go-Live ports

- **SEZ**
- **ICD**
- **CFS + Empty Yard**
- **TOLL PLAZA**

09
22
145
60

PIPAVAV
9th Nov 2020

MUNDRA
1st Apr 2017
Terminals Operational:
1. MICT
2. AICT
3. AMCT
4. ACMT

KANDLA
2nd Jan 2019

HAZIRA
1st Apr 2017

MUMBAI

JNPT
1st July 2016
Terminals Operational:
1. JNPCT
2. GTI (APM)
3. NSICT
4. NSIGT
5. BMCT

MORMUGAO
25th Nov 2019

NEW MANGALORE
'21st Nov 2018

COCHIN
16th Nov 2018

KOLKATA
1st Dec 2018

HALDIA
30th Nov 2018

PARADIP
20th Nov 2019

VIZAG
1st Nov 2018

KRISHNAPATNAM
1st Nov 2018

KATTUPALLI
28th Nov 2018

ENNORE
17th Dec 2019

CHENNAI
1st Nov 2018
Terminals Operational:
1. CITPL
2. CCTPL

TUTICORIN
22nd Nov 2018
Terminals Operational:
1. PSA Sical - TCT
2. DBGT

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
(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

#	CFS Name	#	CFS Name
1	CWC Hind Terminal CFS, Navi Mumbai	25	AllCargo CFS, Mundra
2	AllCargo Logistics	26	Punjab Conware CFS, Navi Mumbai
3	Saurashtra CFS, Mundra	27	Seabird CFS, Navi Mumbai
4	Speedy Multimode CFS, JNPT	28	Rishi CFS, Mundra
5	Gateway Distriparks CFS, Navi Mumbai	29	Seabird CFS, Mundra
6	Continental Warehousing CFS, Navi Mumbai	30	MICT CFS, Mundra
7	Adani CFS Eximyard, Mundra	31	Indev Logistics CFS, Panvel
8	JWC Logistics Park CFS	32	Vaishno Logistics CFS, Navi Mumbai
9	Navkar Corporation Yard 3 CFS, Panvel	33	Mundhra CFS, Mundra
10	Ameya Logistics CFS, Navi Mumbai	34	Balmer & Lawrie CFS, Navi Mumbai
11	International Cargo Terminals (ULA) CFS, Navi Mumbai	35	Take Care Logistics CFS
12	Adani CFS, Hazira	36	Hind Terminal CFS, Hazira
13	Hind Terminals Pvt. Ltd. CFS, Mundra	37	TG Terminals CFS
14	CWC CFS, Mundra	38	Maersk Annex (APM)CFS, Navi Mumbai
15	EFC Logistics India	39	Dronagiri Rail Terminal CFS, Navi Mumbai
16	International Cargo Terminal CFS	40	Ocean Gate CFS, Panvel
17	JWR CFS	41	Seabird CFS, Hazira
18	Ashte Logistics CFS, Panvel	42	Ashutosh CFS, Mundra
19	Sarveshwar CFS	43	APM (Maersk India) CFS, Navi Mumbai
20	Landmark CFS, Mundra	44	A V Joshi CFS
21	TG Terminals CFS, Mundra	45	Navkar Corporation Yard 1 CFS, Panvel
22	Honey Comb CFS, Mundra	46	Empezar Logistics CFS
23	Apollo Logisolutions CFS, Panvel	47	Transworld CFS, Mundra
24	Navkar Corporation Yard 2 CFS, Panvel	48	Maharashtra State Corp CFS

THANK YOU

Port Terminals	Within 2 days	Within 2-5 days	Within 5-8 days	More than 8 days		
JNPCT	19.1.%	76.9%	3.8%	0.3%	0.3%	0.3%
NSICT	37.9%	55.3%	5.7%	1.1%	0.3%	0.3%
GTI	22.6%	62.4%	12.5%	3.5%	0.3%	0.3%
NSIGT	15.5%	65.3%	17.5%	1.7%	0.3%	0.3%
BMCT	31.9%	61.8%	4.7%	1.7%	0.3%	0.3%