



Terminal wise Dwell Time Performance – Snapshot

Import Cycle			Export Cycle		
Port	Mar'24 (in hrs)	Apr'24 (in hrs)	Port	Mar'24 (in hrs)	Apr'24 (in hrs)
NSFT	19.9	19.7	NSFT	80.9	74.2
NSICT	19.3	22.5	NSICT	60.1	44.9
GTI	15.5	16.2	GTI	74.8	76.4
NSIGT	21.1	23.4	NSIGT	77.8	70.5
BMCT	16.1	20.3	BMCT	76.0	72.0

Critical Incident Summary Jawaharlal Nehru Port Authority

- Overall container handling performance (Port Dwell Time) in import cycle has declined and export cycle has improved. CFS dwell Time performance in both import and export cycle has reduced. ICD dwell Time performance in both import and export cycle has declined.

Month	Port Dwell Time Import	Port Dwell Time Export	CFS Dwell Time Import	CFS Dwell Time Export	ICD Dwell Time Import	ICD Dwell Time Export
Apr'24	19.1 hrs	73.6 hrs	86.1 hrs	70.6	141.5 hrs	101.6 hrs
Mar'24	17.2 hrs	74.6 hrs	77.8 hrs	64.5	106.1 hrs	83.0 hrs

IMPORT

Port Dwell Time

Mode	Mar'24 (in hrs)	Apr'24 (in hrs)
Overall	18.4	21.5
Truck	15.7	19.1
Train	40.9	38.6

EXPORT

Mode	Mar'24 (in hrs)	Apr'24 (in hrs)
Overall	93.8	98.2
Truck	88.2	90.8
Train	126.1	135.5

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



Inland
Container
Depot (ICD)



Container
Freight
Stations (CFS)

Entity	Mar'24 (in hrs)	Apr'24 (in hrs)
CFS Import	82.4	87.9
ICD Import	106.8	141.5

Entity	Mar'24 (in hrs)	Apr'24 (in hrs)
CFS Export	62.5	68.9
ICD Export	83.0	101.6

The marked entries showcase increase in performance in comparison to Mar'24

The marked entries showcase Decrease in performance in comparison to Mar'24

Port Performance Benchmarking & Performance Index - Western Corridor

Performance benchmarking of terminals based on dwell time vis-à-vis container count (no. of boxes) handled:



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

Star Performer

Entities with high container count and low dwell time

High Potential

Entities with low container count and low dwell time

Slow Bulk Movers

Entities with high container count and high dwell time

Needs Improvement

Entities with low container count and high dwell time

Container Lifecycle (Import Cycle)

IMPORT	Port Dwell Time		
	Mode	Mar'24 (in hrs)	Apr'24 (in hrs)
	Overall	17.2	19.1
	Truck	15.8	17.8
	Train	33.2	31.9
EXPORT			
	Mode	Mar'24 (in hrs)	Apr'24 (in hrs)
	Overall	74.6	73.6
	Truck	73.0	71.0
	Train	88.5	96.3

Transit Time			
Towards ICD	Station		
Transit Cycle	Mar'24 (in hrs)	Apr'24 (in hrs)	
Port to ICD	111.2	108.4	
Port to CFS	2.40	2.90	
Towards CFS			
From ICD	Station		
Transit Cycle	Mar'24 (in hrs)	Apr'24 (in hrs)	
ICD to Port	-	81.6	
CFS to Port	4.10	3.40	
From CFS			

Container Freight Station (CFS) / Inland Container Depot (ICD) - Dwell Time			
	ICD	CFS	
Entity	Mar'24 (in hrs)	Apr'24 (in hrs)	
CFS Import	77.8	86.1	
ICD Import	106.8	141.5	
Entity	Mar'24 (in hrs)	Apr'24 (in hrs)	
CFS Export	64.5	70.6	
ICD Export	83.0	101.6	

Volume distribution at port terminal - Truck/Rail		
	Truck	Rail
Import	85%	15%
Export	81%	19%

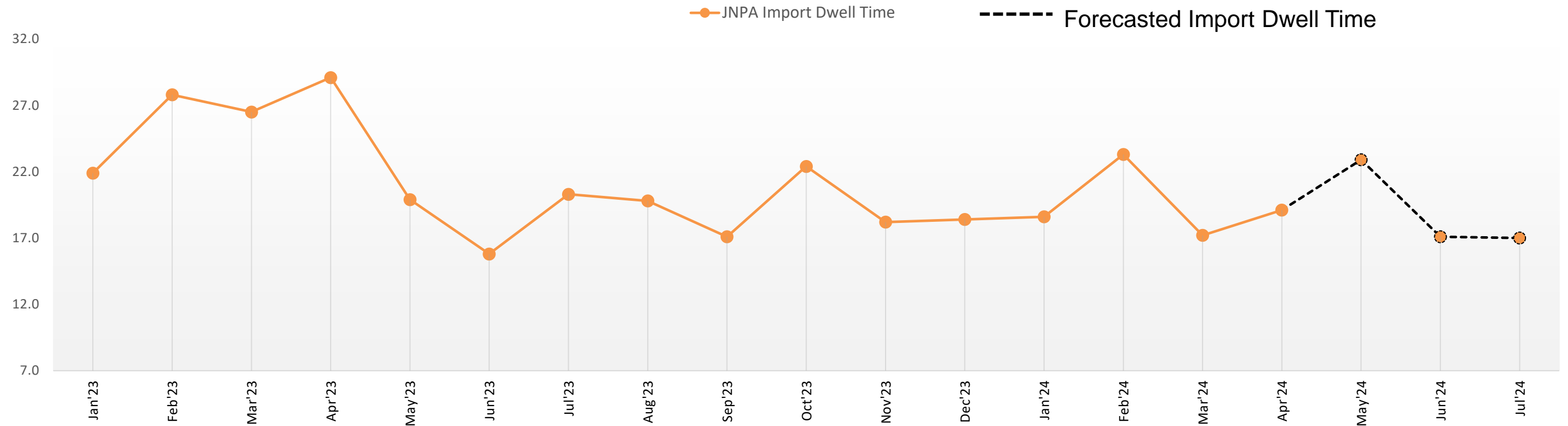
The marked entries showcase the increase in performance as compared to Mar'24

The marked entries showcase the decrease in performance as compared to Mar'24

Container Lifecycle (Export Cycle)

Import Cycle	Particulars		Apr'24 (in hrs)	Mar'24 (in hrs)
	Dwell Time	Overall Dwell Time	19.1	17.2
		Truck Bound Containers	17.8	15.8
		Train Bound Containers	31.9	33.2
		Direct Port Delivery (DPD) containers	22.1	22.1
		Containers bound for CFS	15.8	14.2
		Empty Containers	25.2	25.1
		Laden Containers	61.2	15.9
	Transit Time	Port to ICD	108.4	111.2
		Port to CFS	2.90	2.40
Export Cycle	Particulars		Apr'24 (in hrs)	Mar'24 (in hrs)
	Dwell Time	Overall Dwell Time	73.6	74.6
		Truck Bound Containers	71.0	73.0
		Train Bound Containers	96.3	88.5
		Direct Port Entry (DPE) containers	78.4	77.2
		Containers bound from CFS	68.6	70.2
		Empty Containers	61.2	67.5
		Laden Containers	79.7	78.3
	Transit Time	ICD to Port	81.6	-
		CFS to Port	3.40	4.10

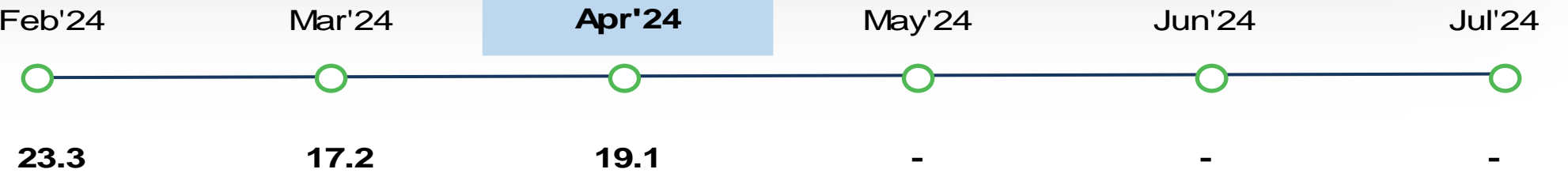
Container Transportation- JNPA Port Terminals



*Basis global benchmark, minimum dwell time of 7 hours is considered



Actual Dwell Time (in hours)



Forecasted Dwell Time (in hours)



Note:

All values are in hours

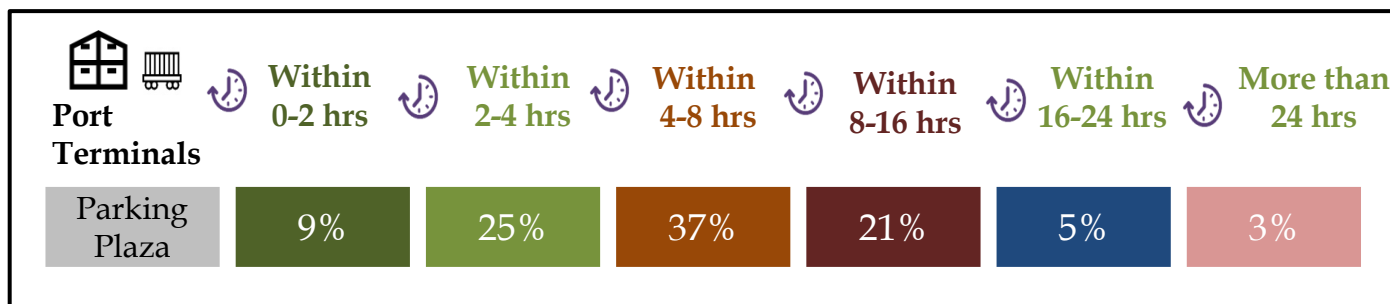
The analysis showcase the waiting time of containers at parking plaza and transit time between parking plaza exit and port entry:



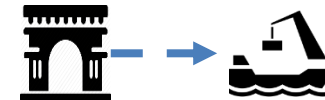
Parking Plaza Gate In – Gate Out

Mode	Mar'24 (in hrs)	Apr'24 (in hrs)
Overall Parking Plaza	6.40	5.40

Container Handled: Day wise (Apr'24)



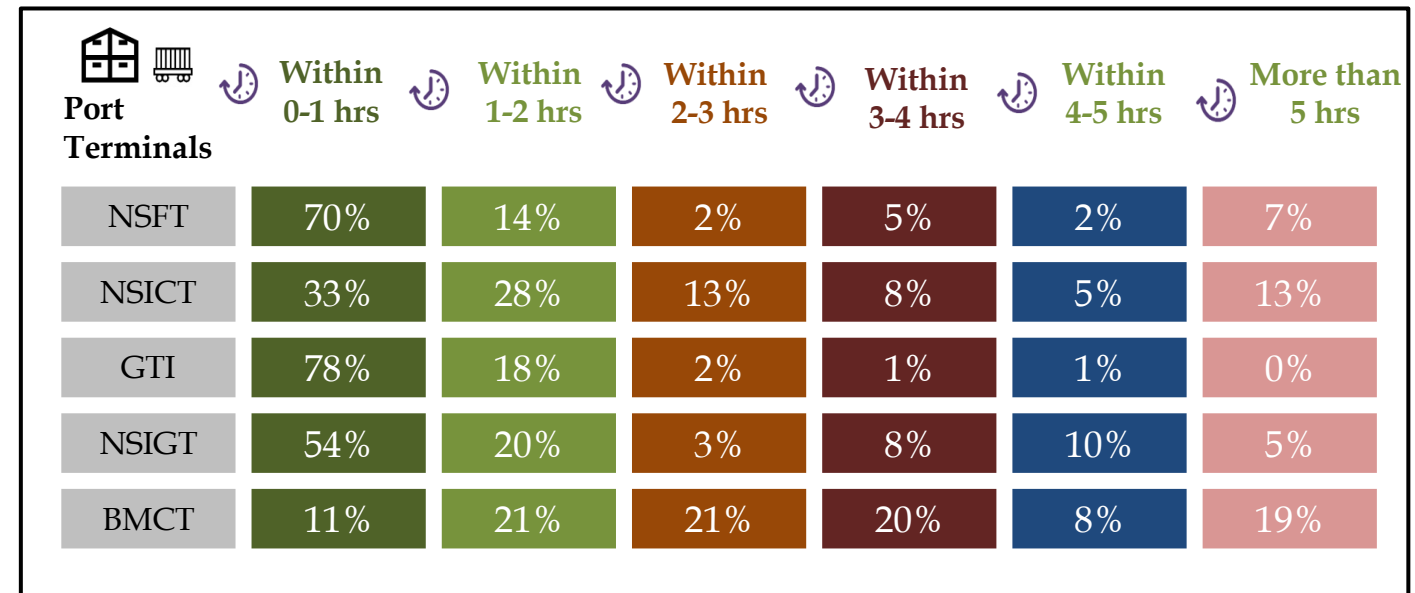
Parking Plaza Gate Out – Terminal In



Mode	Mar'24 (in hrs)	Apr'24 (in hrs)
Overall Parking Plaza to JNPA Port	1.10	0.70

Port	Mar'24 (in hrs)	Apr'24 (in hrs)
NSFT	-	0.6
NSICT	2.4	1.2
GTI	0.9	0.5
NSIGT	2.3	0.8
BMCT	2.2	2.8

Container Handled: Day wise (Apr'24)



CFS: Western Corridor



Performance Benchmarking

ICD: PAN India

Top Performing CFS

Adani CFS Eximyard, Mundra

Top Performing ICD

Adani ICD, Tumb

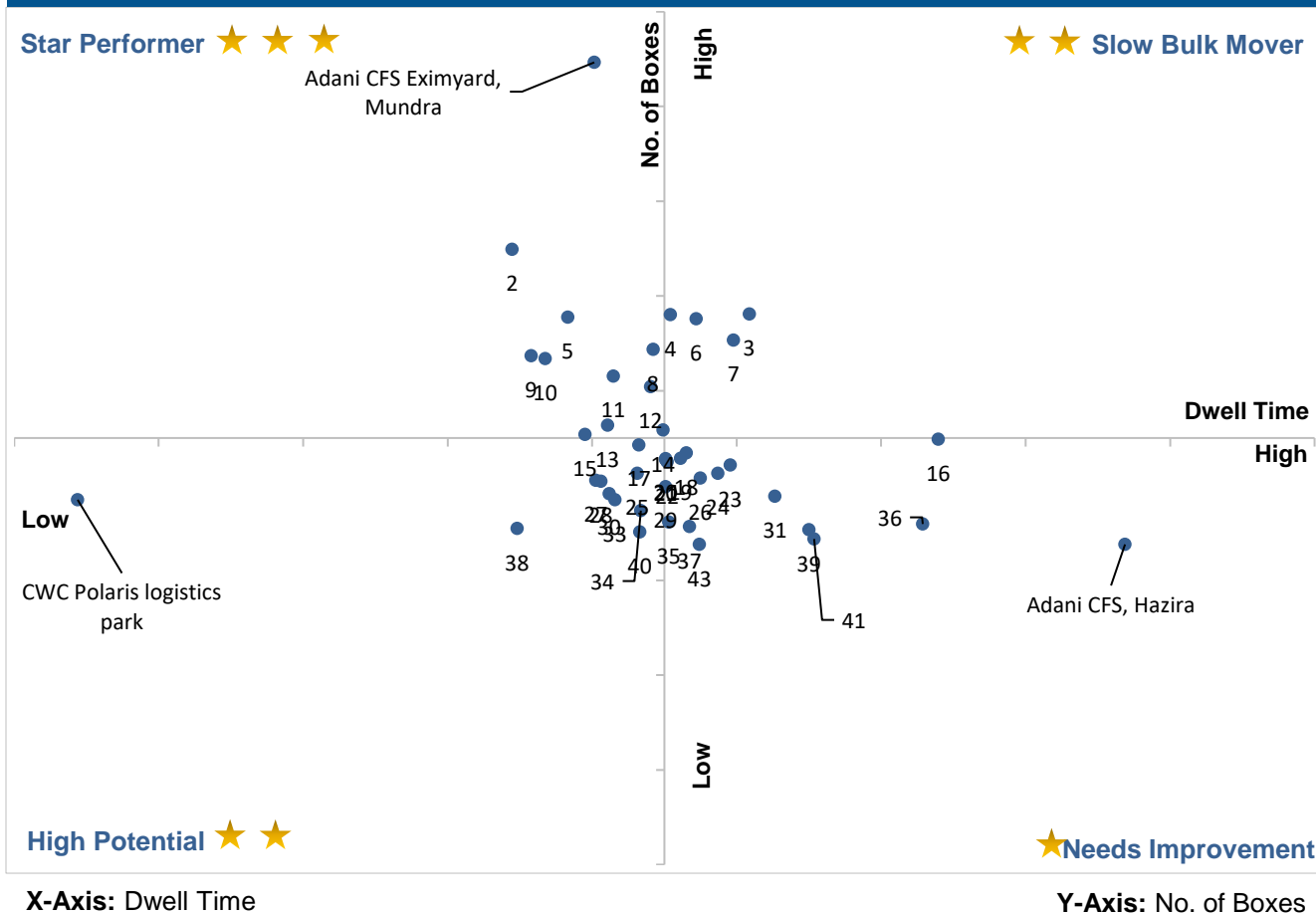
Low Performing CFS

Adani CFS, Hazira

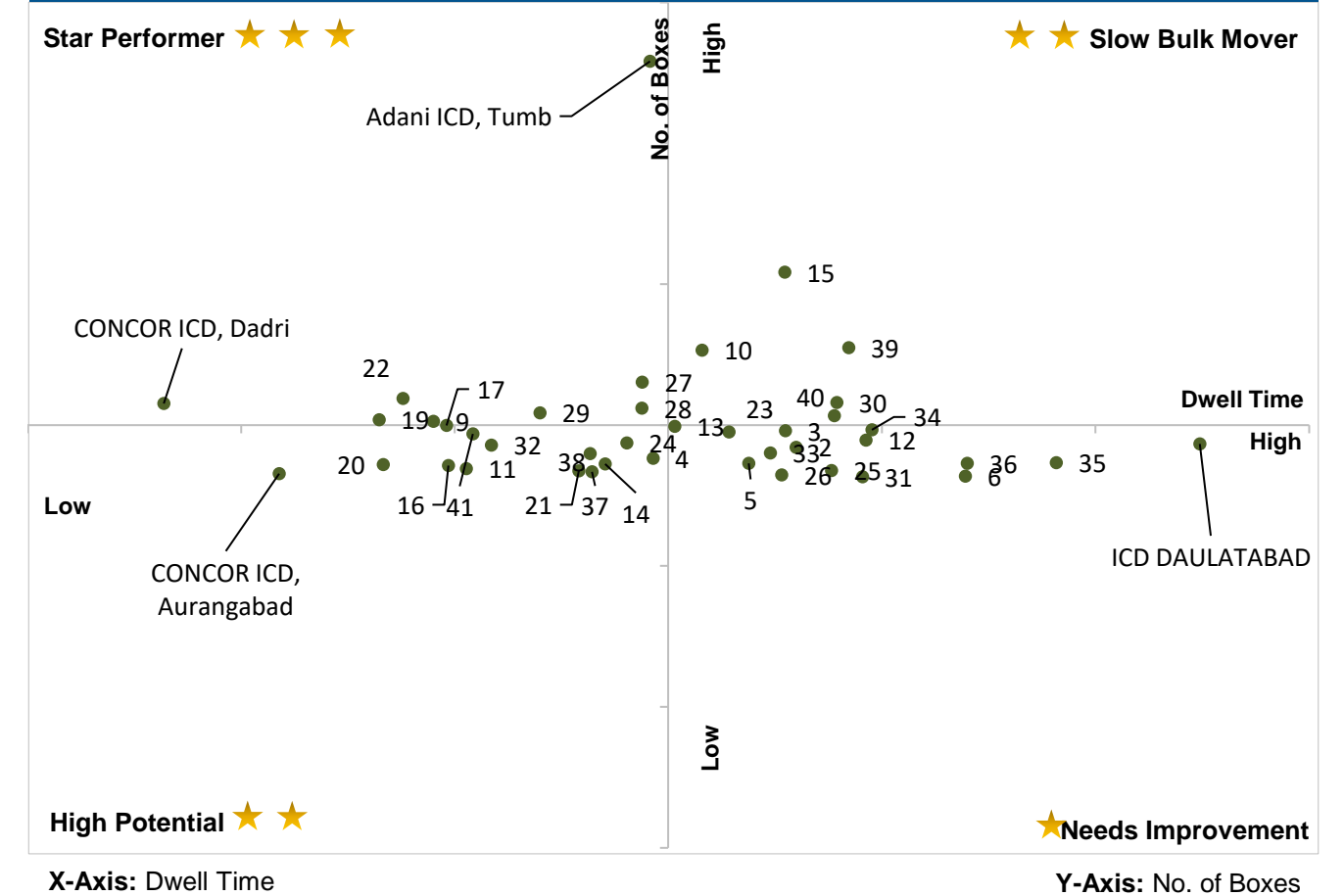
Low Performing ICD

ICD DAULATABAD

Performance Index – Apr'24



Performance Index – Apr'24



Import Cycle Analysis

JNPA Port Terminal: Dwell Time Performance (Import Cycle)

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

PORT IMPORT via TRAIN

(15% of total import container volume)

The Port Dwell time data for train bound container movement in import cycle is depicted below. Port dwell time is the time duration between the entry of the container in Port terminal to the time it moves out of the Port terminal

Port	Mar'24 (in hrs)	Apr'24 (in hrs)
NSFT	34.8	28.9
NSICT	32.2	29.0
GTI	33.7	29.4
NSIGT	41.2	28.0
BMCT	29.8	38.3

Container Handled: Day wise (Apr'24)

Port Terminals	Within 0-24 hrs	Within 24-48 hrs	Within 48-72 hrs	Within 72-96 hrs	Within 96-144 hrs	More than 144 hrs
NSFT	44%	23%	13%	7%	9%	4%
NSICT	41%	21%	14%	10%	8%	6%
GTI	40%	30%	14%	6%	6%	4%
NSIGT	41%	27%	11%	9%	5%	7%
BMCT	32%	27%	17%	9%	12%	3%

PORT IMPORT via TRUCK

(85% of total import container volume)

The Port Dwell time data for Truck bound container movement in import cycle is depicted below. Port dwell time is the time duration between the entry of the container in Port terminal to the time it moves out of the Port terminal

Port	Mar'24 (in hrs)	Apr'24 (in hrs)
NSFT	17.3	18.4
NSICT	18.4	22.2
GTI	13.9	15.0
NSIGT	19.2	22.6
BMCT	15.1	18.6

Container Handled: Day wise (Apr'24)

Port Terminals	Within 0-24 hrs	Within 24-48 hrs	Within 48-72 hrs	Within 72-96 hrs	Within 96-144 hrs	More than 144 hrs
NSFT	65%	25%	6%	3%	1%	0%
NSICT	54%	30%	11%	3%	2%	0%
GTI	72%	20%	6%	1%	1%	0%
NSIGT	54%	29%	10%	5%	2%	0%
BMCT	63%	25%	8%	3%	1%	0%

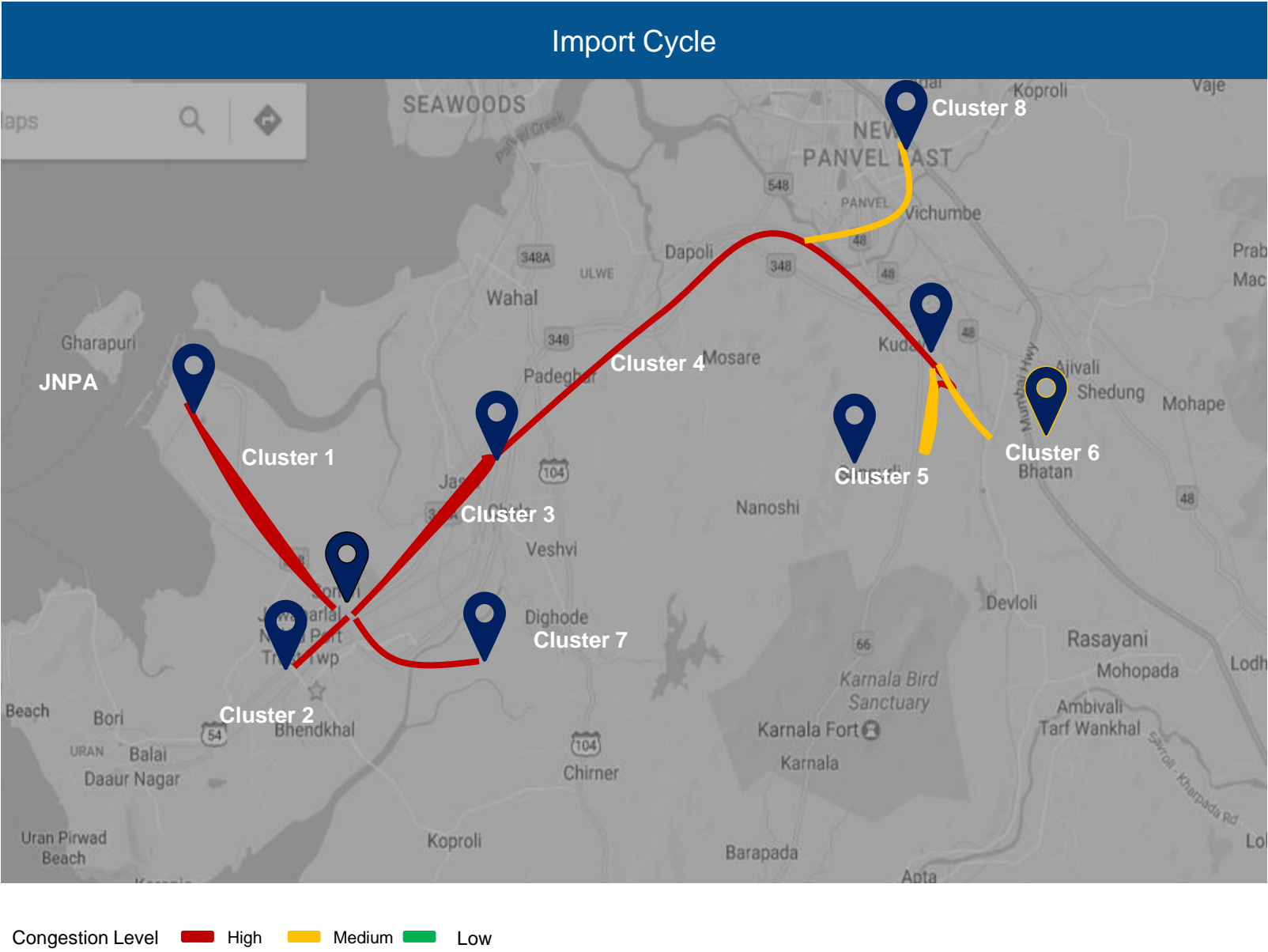
JNPA Port Terminal: Dwell Time Performance (Import Cycle)

The below tables depict the detailed JNPA region port performance in the month of Apr'24

Port Dwell Time (in Hours) - Based on Transit Type				
Port Terminals	Direct Port Delivery (DPD) Containers	Containers bound for CFS	Empty Containers	Laden Containers
NSFT	19.6	16.4	24.9	18.3
NSICT	53.6	20.3	24.5	21.5
GTI	30.6	13.6	23.2	15.8
NSIGT	66.1	18.8	41.0	20.9
BMCT	48.3	17.4	22.8	20.1

JNPA Region: Congestion Analysis (Import Cycle)

The Below map indicate congestion around JNPA region in Import Cycle in month of Apr'24



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congesti on
Cluster 1	JNPA Area	1	7.97%	High
Cluster 2	Bhendkhal Area, Khopate Road	6	22.21%	High
Cluster 3	Sonari Area,JNPA Road	2	12.81%	High
Cluster 4	Chirle Area, JNPA Road	1	0.40%	High
Cluster 5	Plaspa Area, Coach Kanyakumari Highway	2	13.69%	Medium
Cluster 6	Salva Apta Road Area, Bangalore Highway	5	23.19%	Medium
Cluster 7	Patilpada Area, Khopate JNPA Road	3	18.39%	High
Cluster 8	Taloja, Navi Mumbai	1	1.34%	Medium

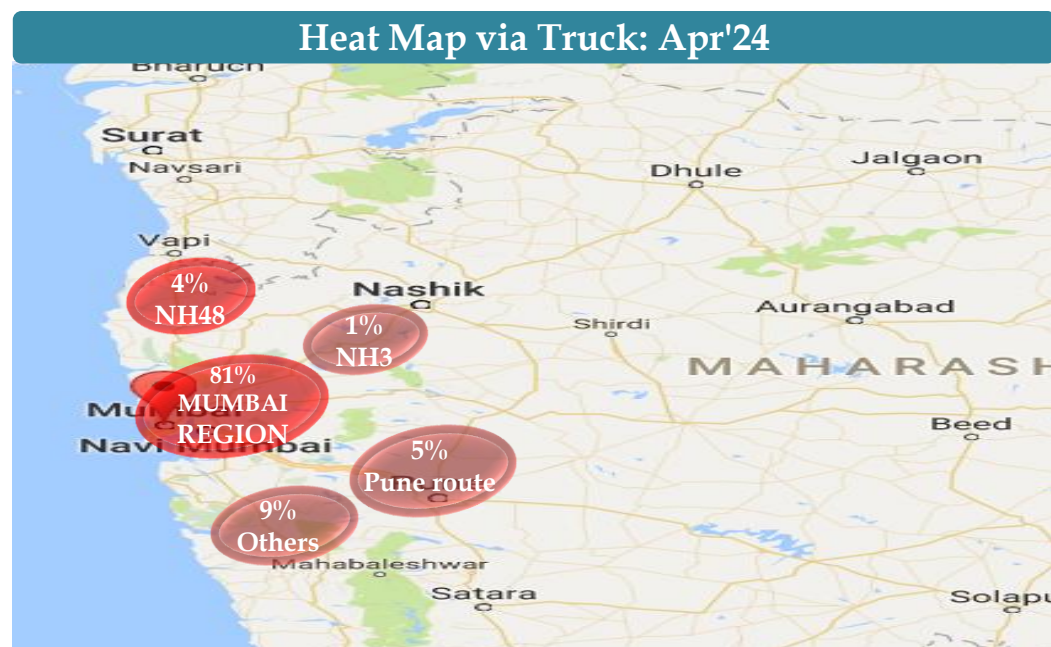
The below table and graphs depict the container movement across JNPA port region in Import cycle

Truck

HEAT MAP : OVERALL MUMBAI REGION

Region	Apr'24
Mumbai region	81%
NH3	1%
Pune	5%
NH48	4%
Others	9%

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

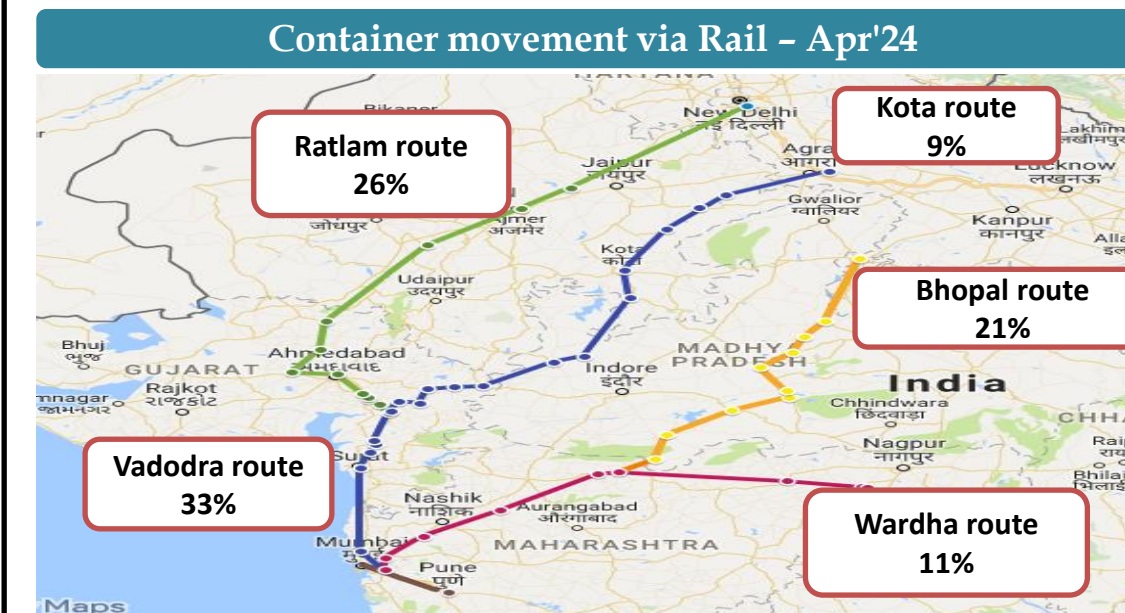


Train

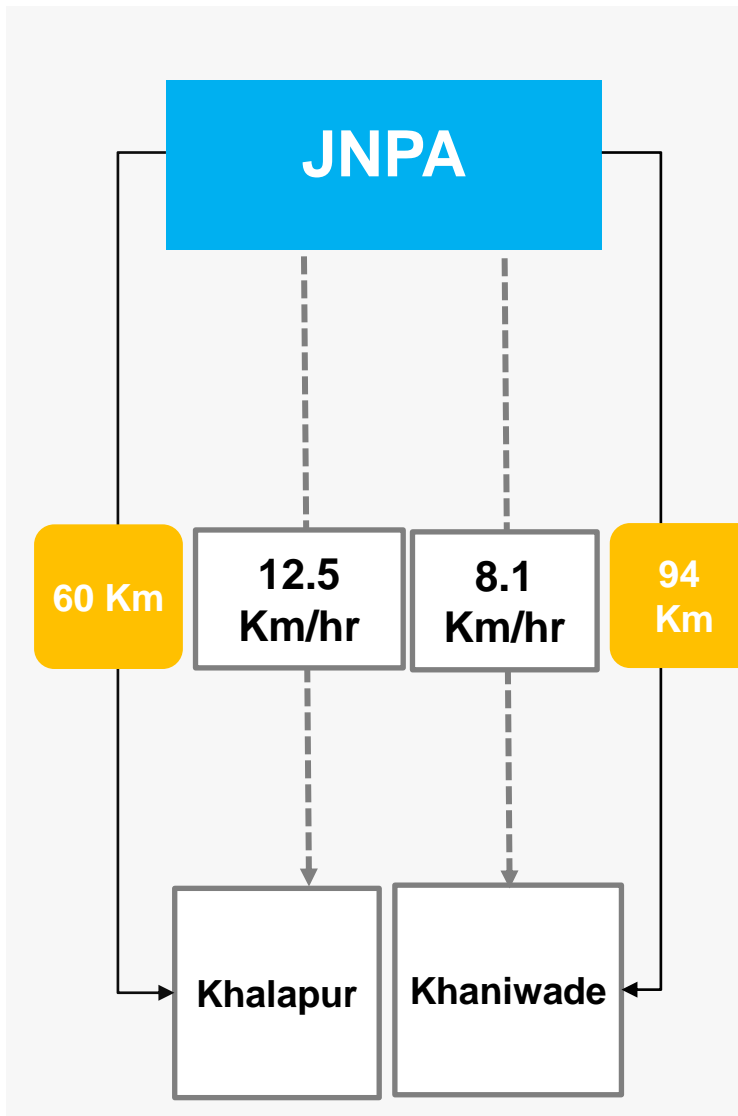
VOLUME WISE CONTAINER MOVEMENT

Region	Apr'24
Vadodra Route	33%
Ratlam Route	26%
Wardha Route	11%
Kota Route	9%
Bhopal Route	21%

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

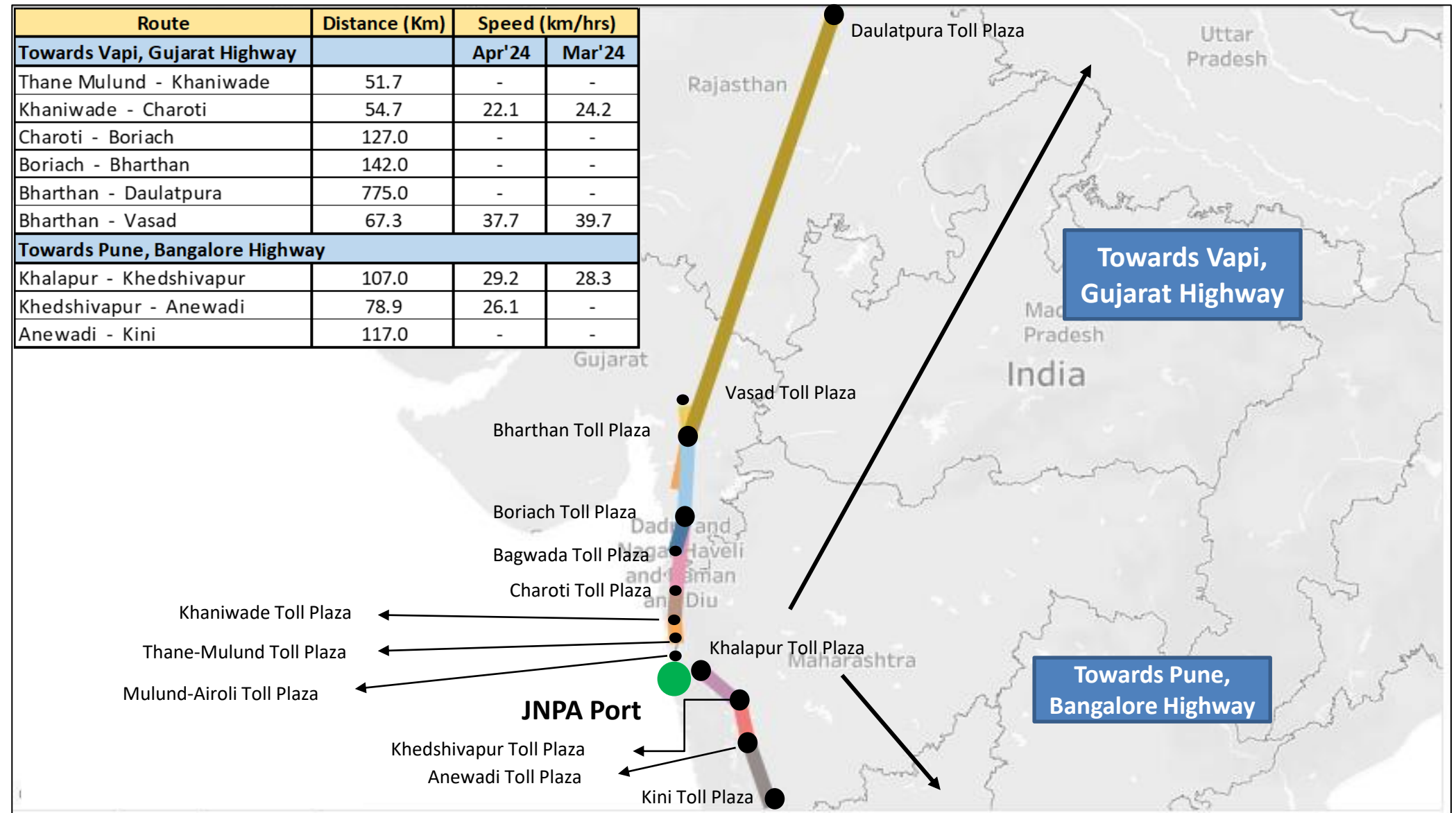


Average speed of trucks to cover the distance between Port to the nearest Toll Plaza for Apr'24:



The average speed of trucks to cover the distance between adjacent toll plazas for Apr'24:

Route	Distance (Km)	Speed (km/hrs)	
Towards Vapi, Gujarat Highway		Apr'24	Mar'24
Thane Mulund - Khaniwade	51.7	-	-
Khaniwade - Charoti	54.7	22.1	24.2
Charoti - Boriach	127.0	-	-
Boriach - Bharthan	142.0	-	-
Bharthan - Daulatpura	775.0	-	-
Bharthan - Vasad	67.3	37.7	39.7
Towards Pune, Bangalore Highway			
Khalapur - Khedshivapur	107.0	29.2	28.3
Khedshivapur - Anewadi	78.9	26.1	-
Anewadi - Kini	117.0	-	-



Export Cycle Analysis

JNPA Port Terminal: Dwell Time Performance (Export Cycle)

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







PORT EXPORT via TRAIN

(19% of total export container volume)

The Port Dwell time data for train bound container movement in export cycle is depicted below. Port dwell time is the time duration between the entry of the container in Port terminal to the time it moves out of the Port terminal

Port	Mar'24 (in hrs)	Apr'24 (in hrs)
NSFT	94.8	98.1
NSICT	17.3	9.1
GTI	93.5	107.6
NSIGT	98.2	88.5
BMCT	106.4	97.6

Container Handled: Day wise (Apr'24)

Port Terminals	 Within 0-24 hrs	 Within 24-48 hrs	 Within 48-72 hrs	 Within 72-96 hrs	 Within 96-144 hrs	 More than 144 hrs
NSFT	6%	10%	14%	17%	28%	25%
NSICT	69%	9%	5%	4%	8%	5%
GTI	4%	11%	14%	11%	27%	33%
NSIGT	2%	11%	23%	17%	18%	29%
BMCT	1%	16%	21%	12%	20%	30%







PORT EXPORT via TRUCK

(81% of total export container volume)

The Port Dwell time data for Truck bound container movement in export cycle is depicted below. Port dwell time is the time duration between the entry of the container in Port terminal to the time it moves out of the Port terminal

Port	Mar'24 (in hrs)	Apr'24 (in hrs)
NSFT	78.8	70.4
NSICT	67.0	65.0
GTI	72.6	72.6
NSIGT	74.8	66.0
BMCT	73.1	69.7

Container Handled: Day wise (Apr'24)

Port Terminals	 Within 0-24 hrs	 Within 24-48 hrs	 Within 48-72 hrs	 Within 72-96 hrs	 Within 96-144 hrs	 More than 144 hrs
NSFT	11%	17%	24%	23%	22%	3%
NSICT	9%	23%	26%	27%	13%	2%
GTI	5%	20%	25%	23%	24%	3%
NSIGT	5%	26%	25%	21%	19%	4%
BMCT	5%	20%	27%	24%	20%	4%

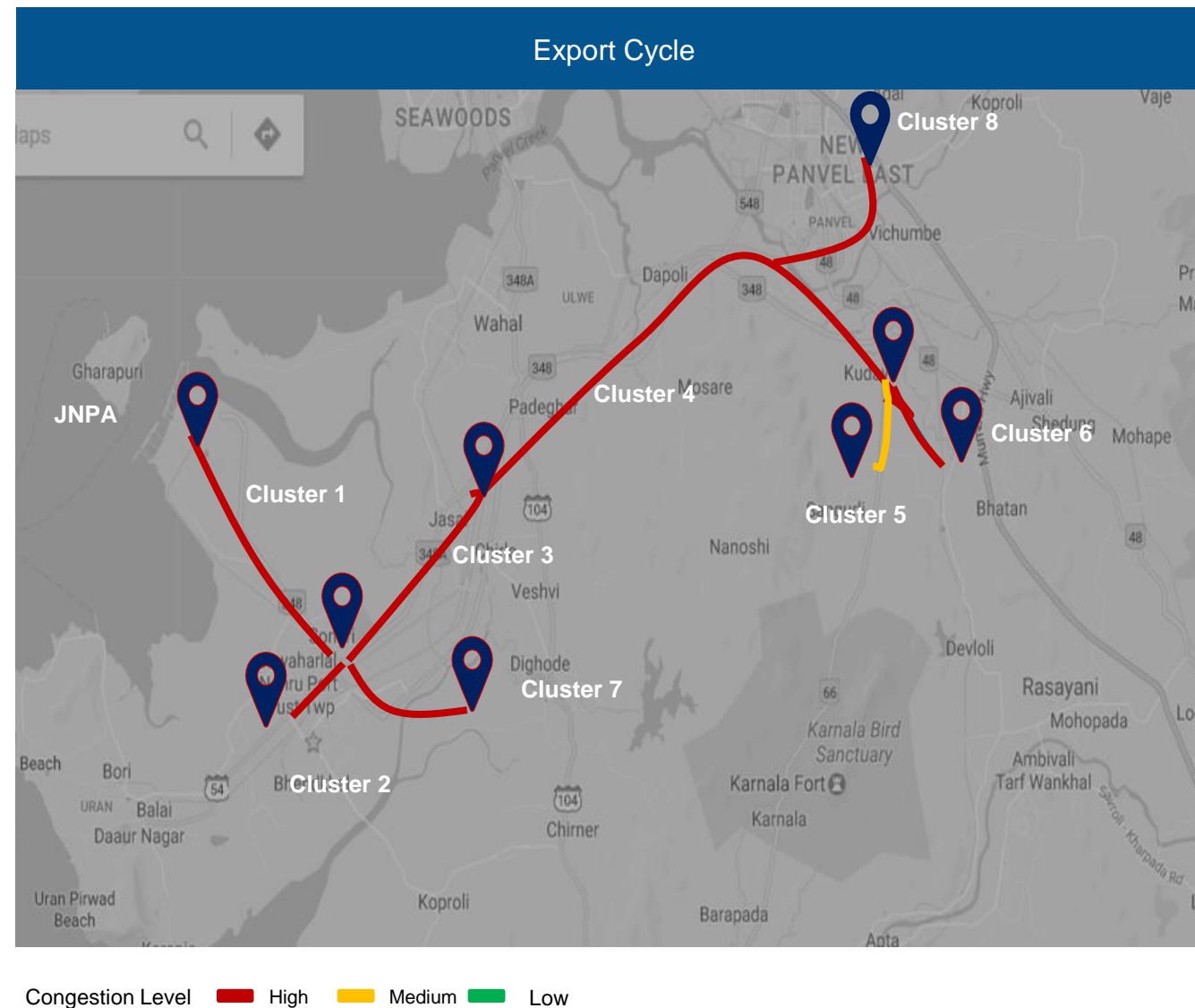
JNPA Port Terminal: Dwell Time Performance (Export Cycle)

The below tables depict the detailed JNPA region port performance in the month of Apr'24

Port Dwell Time (in Hours) - Based on Transit Type				
Port Terminals	Direct Port Delivery (DPE) Containers	Containers bound for CFS	Empty Containers	Laden Containers
NSFT	70.0	69.2	80.0	73.2
NSICT	63.7	62.7	42.9	45.0
GTI	83.3	71.1	58.3	86.0
NSIGT	71.3	60.4	64.2	71.0
BMCT		64.9	63.2	79.1

JNPA Region: Congestion Analysis (Export Cycle)

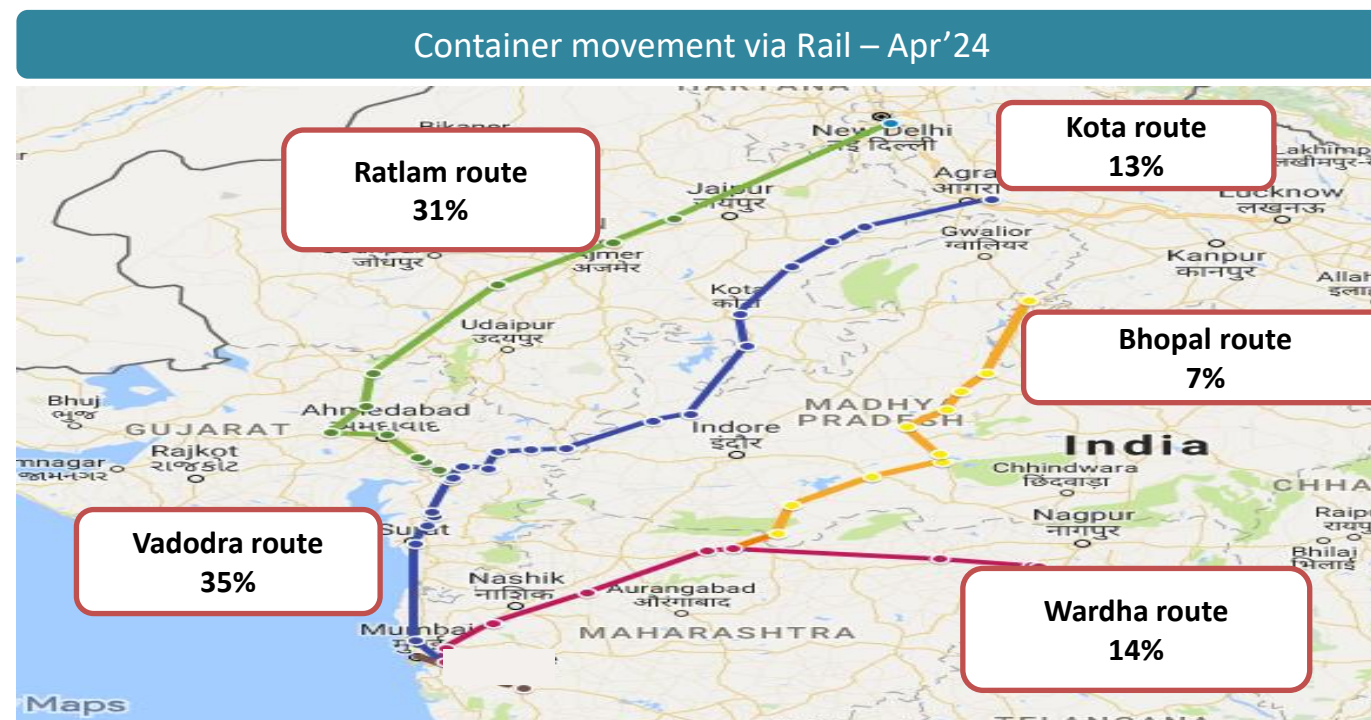
The Below map indicate congestion around JNPA region in Export Cycle in month of Apr'24



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	JNPA Area	1	5.23%	High
Cluster 2	Bhendkhal Area, Khopate Road	6	14.30%	High
Cluster 3	Sonari Area, JNPA Road	2	12.10%	High
Cluster 4	Chirle Area, JNPA Road	1	5.92%	High
Cluster 5	Plaspa Area, Coach Kanyakumari Highway	2	15.09%	Medium
Cluster 6	Salva Apta Road Area, Bangalore Highway	5	34.96%	High
Cluster 7	Patilpada Area, Khopate JNPA Road	3	10.97%	High
Cluster 8	Taloja, Navi Mumbai	1	1.43%	High

JNPA Port	
Route	Percentage of Container Movement
Vadodra Route	35%
Ratlam Route	31%
Wardha Route	14%
Kota Route	13%
Bhopal Route	7%

The map shows the volume wise container movement through different railway routes in export cycle for Apr'24

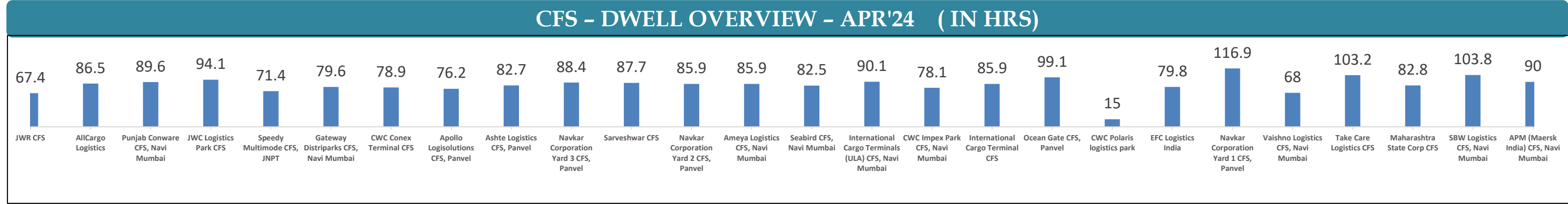


CFS and ICD Performance

JNPA region CFS : CFS DWELL TIME ANALYSIS

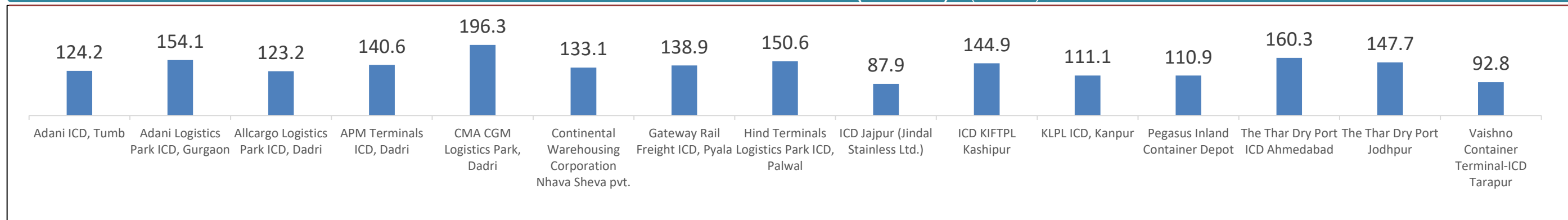
Below table and graphs show the dwell time of the respective CFSs for the month of Apr'24

CFS Dwell Time (in hrs.)					
CFS			CFS		
CFS	Mar'24 (in hrs)	Apr'24 (in hrs)	CFS	Mar'24 (in hrs)	Apr'24 (in hrs)
JWR CFS	55.6	67.4	International Cargo Terminals (ULA) CFS, Navi Mumbai	104.9	90.1
AllCargo Logistics	82.3	86.5	CWC Impex Park CFS, Navi Mumbai	72.4	78.1
Punjab Conware CFS, Navi Mumbai	103.9	89.6	International Cargo Terminal CFS	87.5	85.9
JWC Logistics Park CFS	89.3	94.1	Ocean Gate CFS, Panvel	116.3	99.1
Speedy Multimode CFS, JNPT	98.8	71.4	CWC Polaris logistics park	21.8	15.0
Gateway Distriparks CFS, Navi Mumbai	--	79.6	EFC Logistics India	71.3	79.8
CWC Conex Terminal CFS	78.0	78.9	Navkar Corporation Yard 1 CFS, Panvel	103.2	116.9
Apollo Logisolutions CFS, Panvel	119.0	76.2	Vaishno Logistics CFS, Navi Mumbai	53.2	68.0
Ashte Logistics CFS, Panvel	86.4	82.7	Take Care Logistics CFS	128.1	103.2
Navkar Corporation Yard 3 CFS, Panvel	103.4	88.4	Maharashtra State Corp CFS	69.5	82.8
Sarveshwar CFS	86.3	87.7	SBW Logistics CFS, Navi Mumbai	-	103.8
Navkar Corporation Yard 2 CFS, Panvel	89.2	85.9	APM (Maersk India) CFS, Navi Mumbai	79.5	90.0
Ameya Logistics CFS, Navi Mumbai	84.1	85.9			
Seabird CFS, Navi Mumbai	80.3	82.5			



ICD	Mar'24 (in hrs)	Apr'24 (in hrs)
Adani ICD, Tumb	88.5	124.2
Adani Logistics Park ICD, Gurgaon	123.5	154.1
Allcargo Logistics Park ICD, Dadri	117.3	123.2
APM Terminals ICD, Dadri	118.4	140.6
CMA CGM Logistics Park, Dadri	100.9	196.3
Continental Warehousing Corporation Nhava Sheva pvt.	107.4	133.1
Gateway Rail Freight ICD, Pyala	115.9	138.9
Hind Terminals Logistics Park ICD, Palwal	138.1	150.6
ICD Jajpur (Jindal Stainless Ltd.)	118.6	87.9
ICD KIFTPL Kashipur	96.7	144.9
KLPL ICD, Kanpur	88.2	111.1
Pegasus Inland Container Depot	121.8	110.9
The Thar Dry Port ICD Ahmedabad	112.9	160.3
The Thar Dry Port Jodhpur	136.4	147.7
Vaishno Container Terminal-ICD Tarapur	122.0	92.8

ICD - DWELL OVERVIEW (APR'24) (In Hrs)

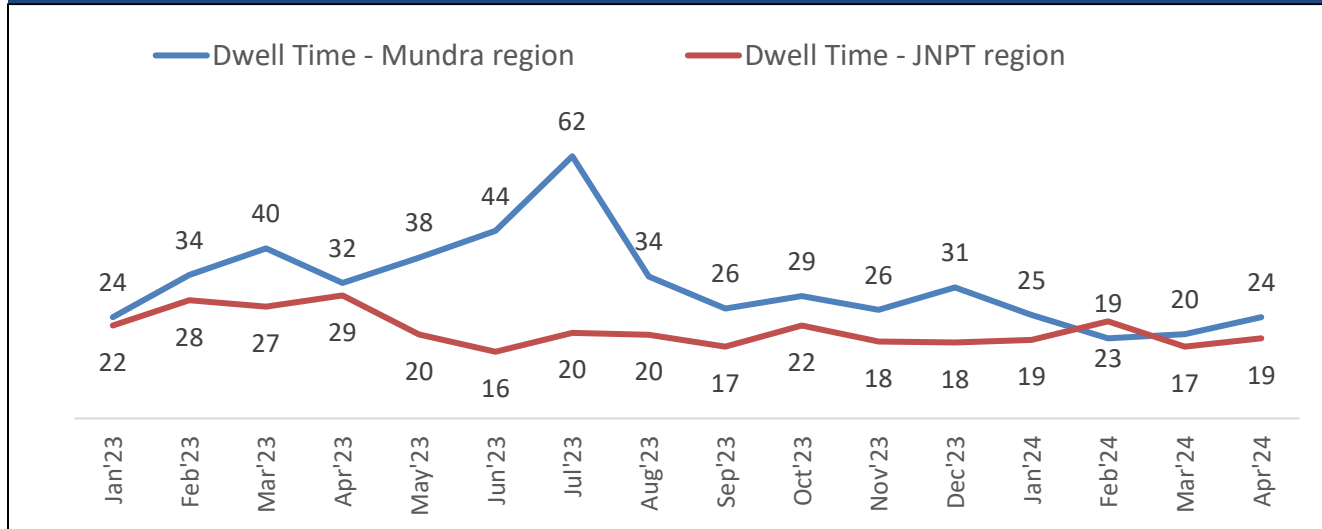


Trend Analysis

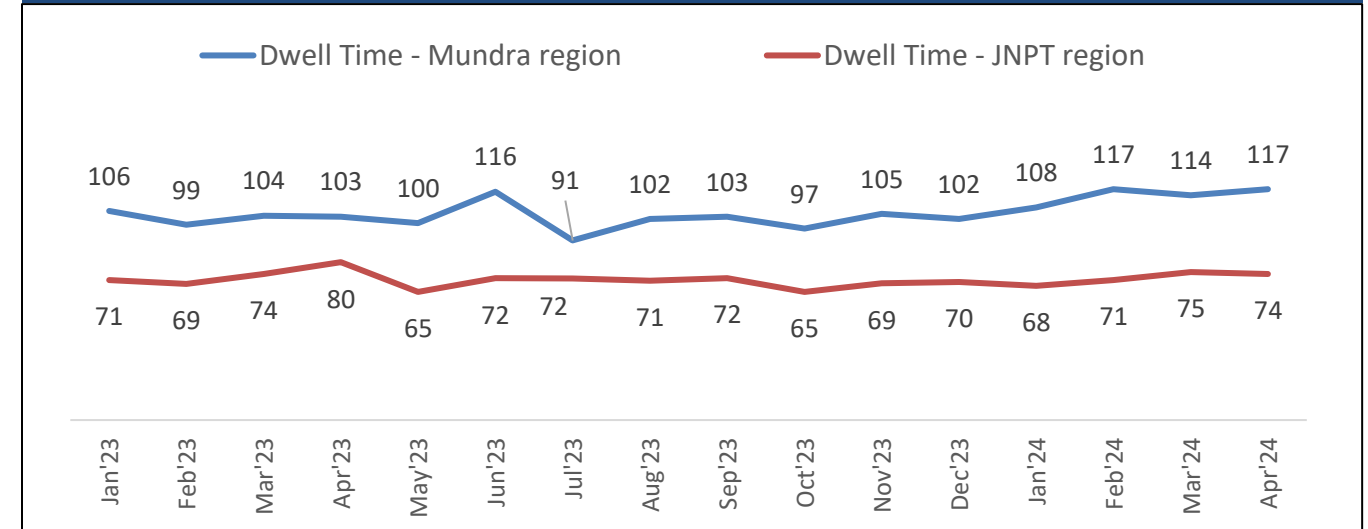
Western Corridor Port – Yearly Analysis

Container Volume and Dwell time of all the terminals in JNPA and Mundra Port has been analysed until Apr'24

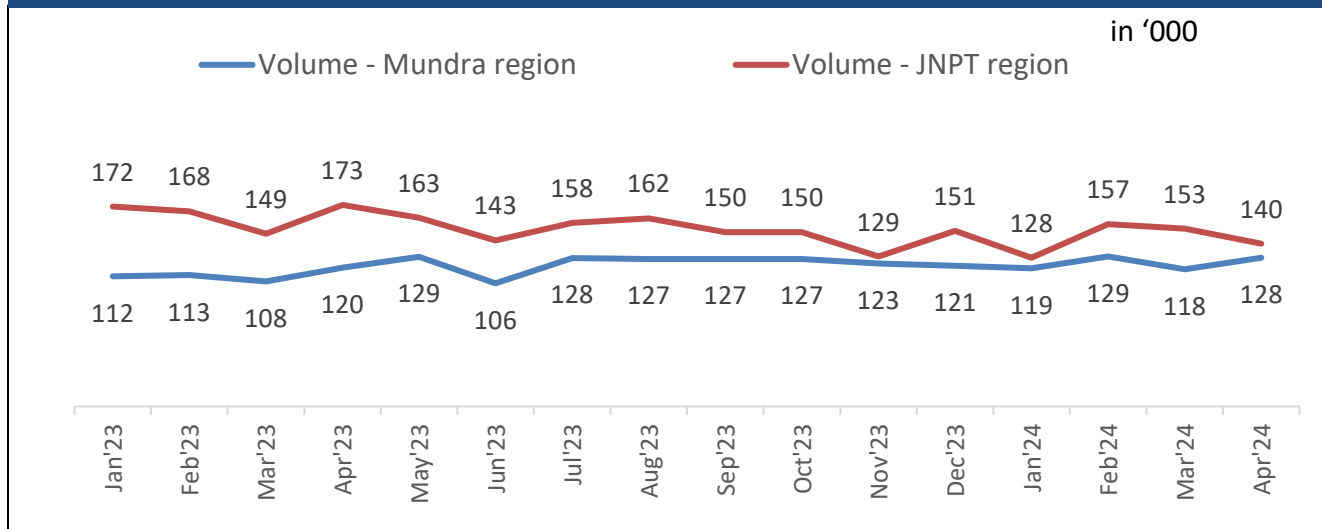
Dwell Time – Mundra Region Vs JNPA Region



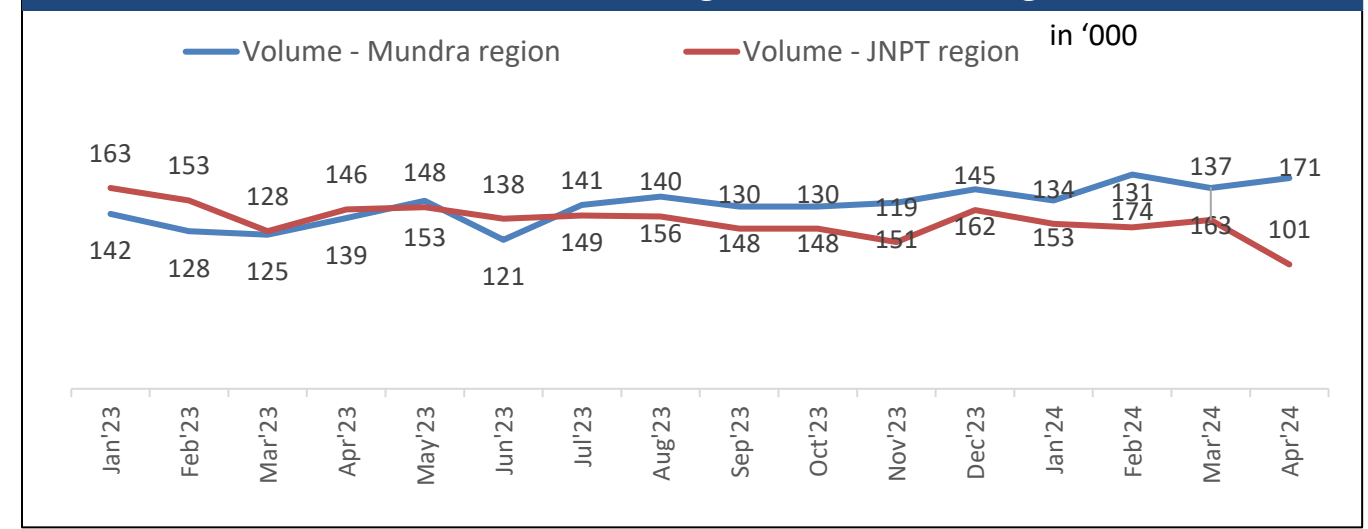
Dwell Time – Mundra Region Vs JNPA Region



Volume – Mundra Region Vs JNPA Region



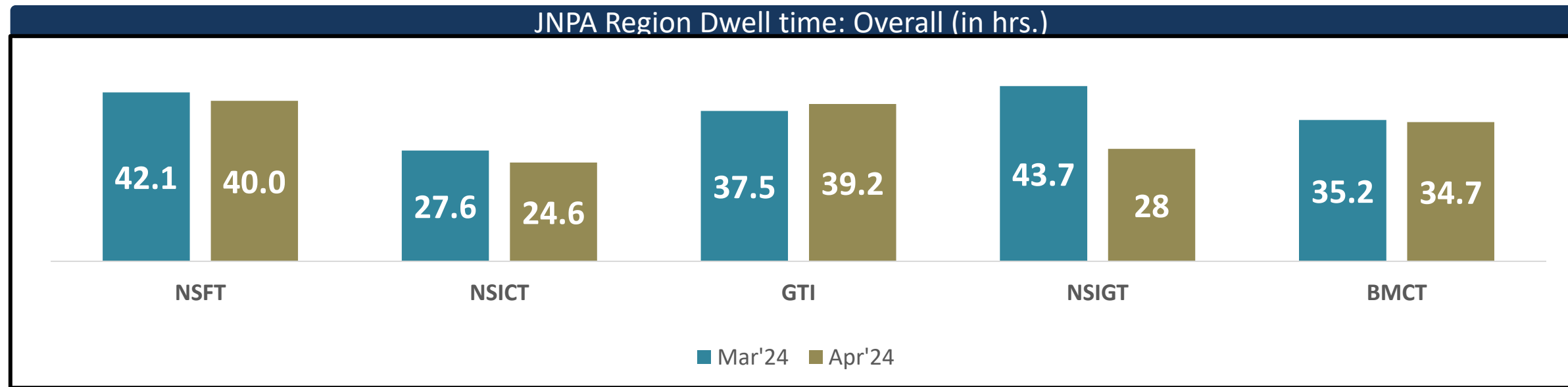
Volume – Mundra Region Vs JNPA Region



JNPA PORT DWELL TIME TREND: Month on Month

JNPA port dwell time trend :

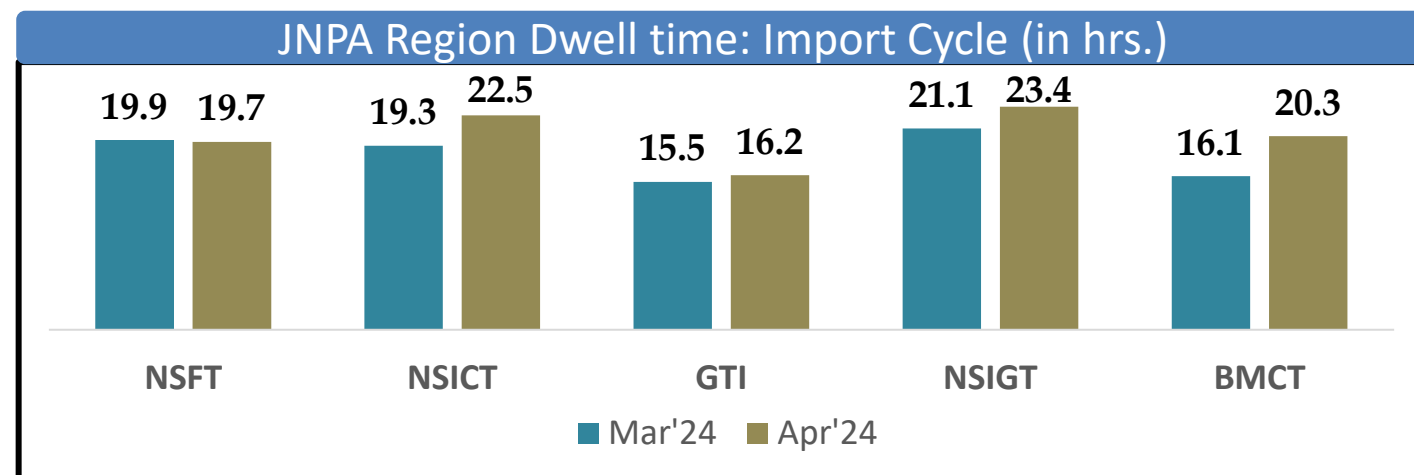
The below table shows the overall port dwell time (i.e. import and export cycle combined) trend (Month of Month) of all the JNPA Port terminals. Port dwell time is the time duration between the entry of the container in Port terminal to the time it moves out of the Port terminal



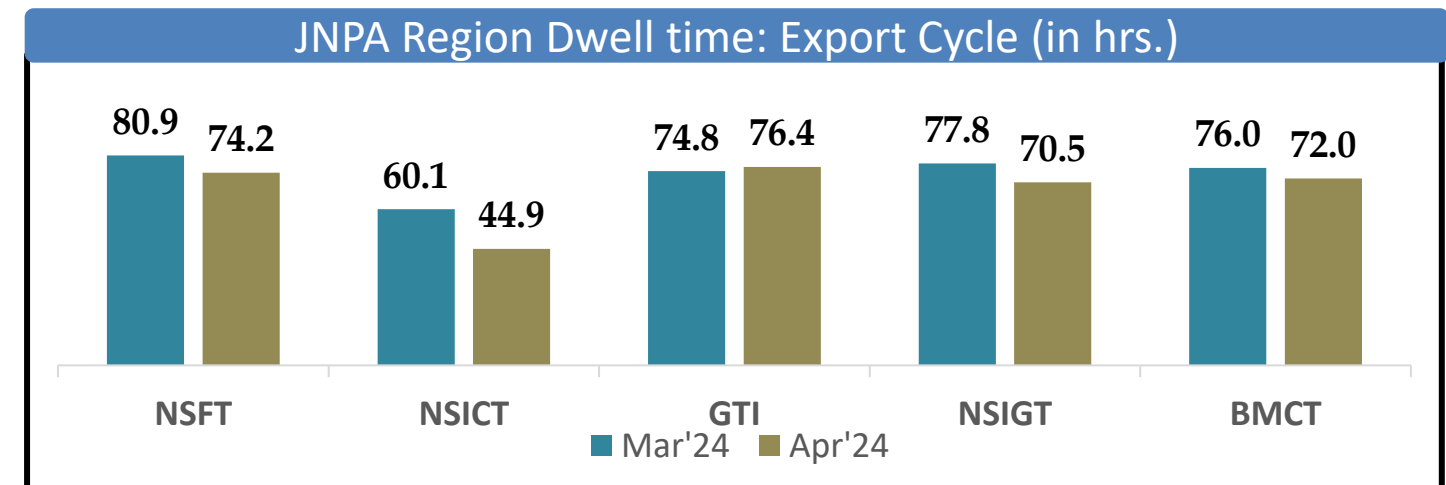
The below tables showcase the Import and Export cycle dwell time for both rail and truck bound containers for month of Apr'24



JNPA Import cycle Trend

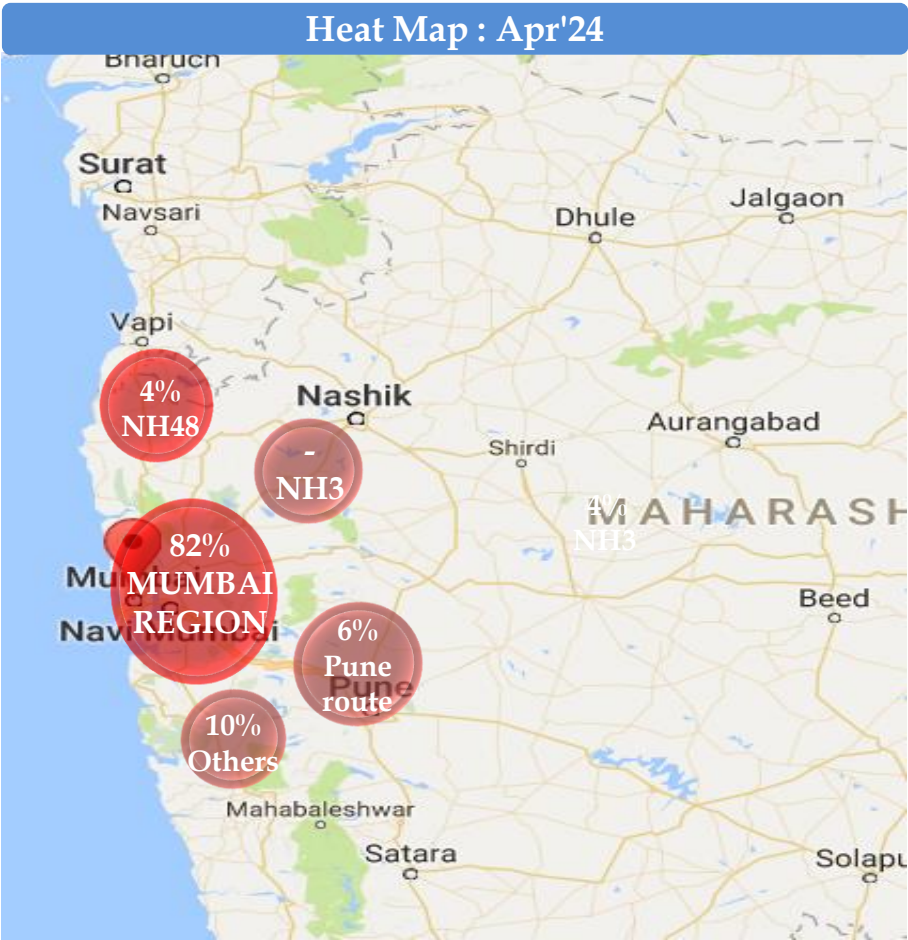


JNPA Export cycle Trend



ANNEXURE

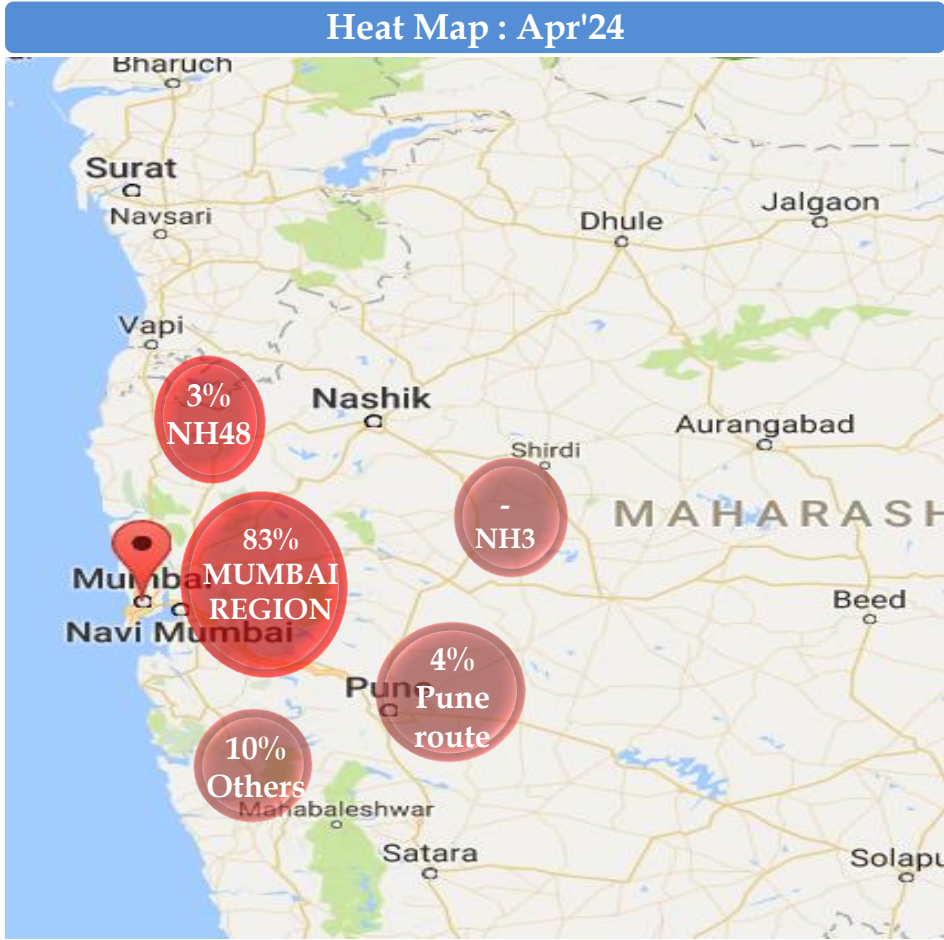
HEAT MAP : GTI Port Terminal



Region	Mar'24	Apr'24
Mumbai region	82%	80%
NH3	-	-
Pune	5%	6%
NH48	3%	4%
others	10%	10%

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

HEAT MAP : NSFT Port Terminal



Region	Mar'24	Apr'24
Mumbai region	83%	83%
NH3	-	-
Pune	5%	4%
NH48	2%	3%
others	10%	10%

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

Container movement around JNPA Port terminal region via Truck

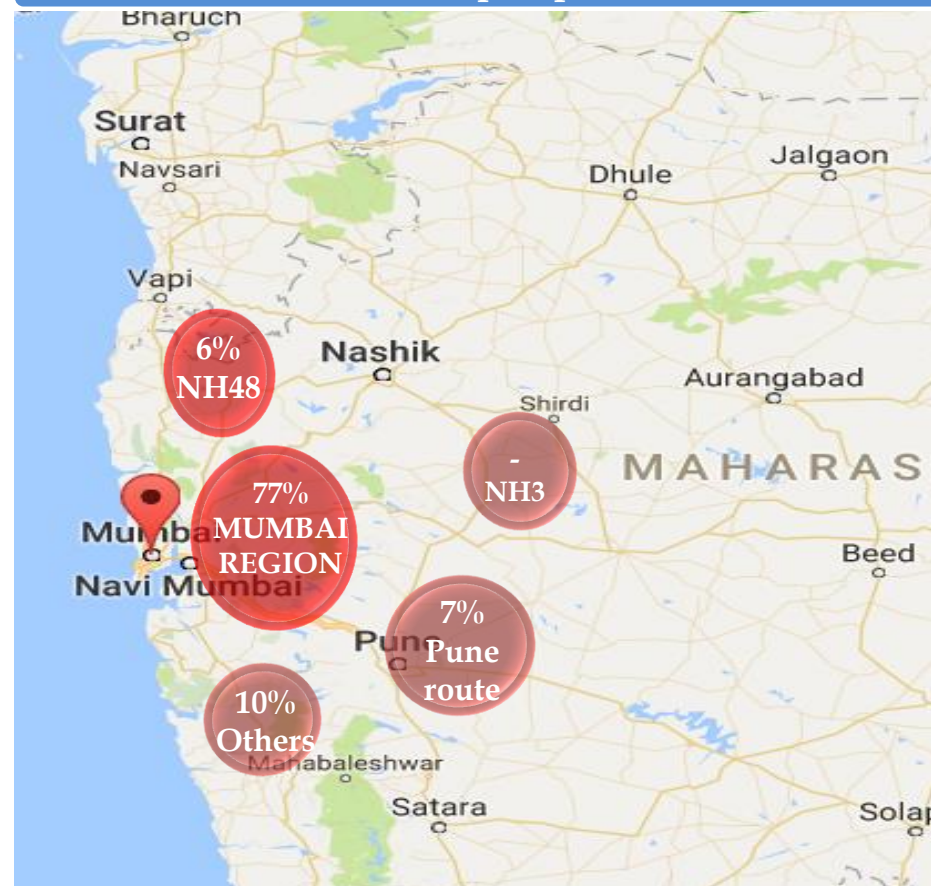
HEAT MAP : NSIGT Port Terminal

Heat Map : Apr'24



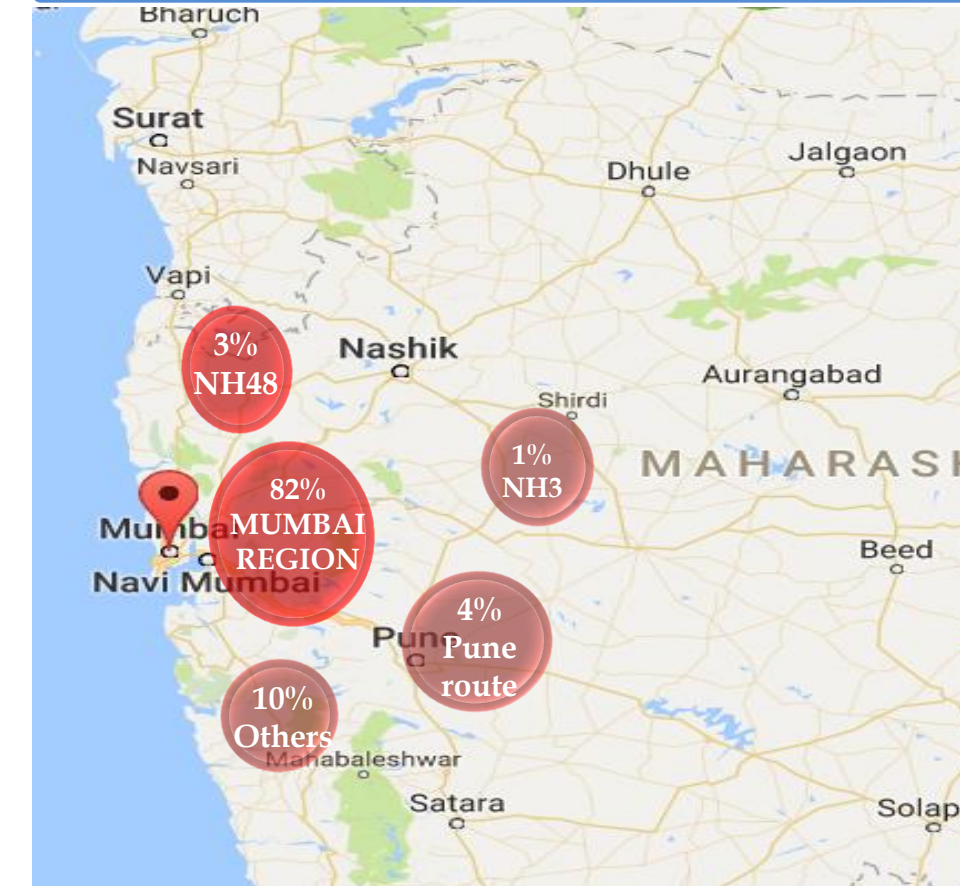
HEAT MAP : NSICT Port Terminal

Heat Map : Apr'24



HEAT MAP : BMCT Port Terminal

Heat Map : Apr'24



Region	Mar'24	Apr'24
Mumbai region	81%	63%
NH3	1%	1%
Pune	5%	17%
NH48	3%	9%
others	10%	10%

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

Region	Mar'24	Apr'24
Mumbai region	82%	77%
NH3	-	-
Pune	5%	7%
NH48	3%	6%
others	10%	10%

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

Region	Mar'24	Apr'24
Mumbai region	82%	82%
NH3	1%	1%
Pune	4%	4%
NH48	3%	3%
others	10%	10%

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

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

CFS Out – Port In (Export Cycle) – Apr'24 (in hrs): Below table shows the delivery time in export cycle from the CFS's to PORT terminals

CFS	NSFT	GTI	NSICT	NSIGT	BMCT
AllCargo Logistics	2.5	3.6	3.7	2.5	4.8
Ameya Logistics CFS, Navi Mumbai	2.9	3.8	2.5	2.5	3.9
APM (Maersk India) CFS, Navi Mumbai	1.9	7.5	3.3	1.6	6
Apollo Logisolutions CFS, Panvel	3.5	4.1	4.1	4.2	3.4
Ashte Logistics CFS, Panvel	2.4	4	2.6	2.7	3.9
Batco Integrated Logistics Pvt Ltd	33.4	43.8	16.8	36.8	35.8
Central Warehousing Corporation	38.2	-	-	40.5	-
CFS AMBAD, NASHIK	11.2	33.8	15.2	-	13.4
CWC CFS KUKATPALLY	35.1	-	34.8	33.4	34.2
CWC CFS, Mundra	-	1.2	-	-	2.5
CWC Conex Terminal CFS	2.1	2.5	3.5	2.5	2.9
CWC Impex Park CFS, Navi Mumbai	2.1	10.8	3.3	5.8	5
CWC Polaris logistics park	7.2	10.1	7.1	15	16.2
EFC Logistics India	2	11	4.5	2	5.1
Gateway Distriparks CFS, Navi Mumbai	2.6	2.5	2.8	3.3	4
HAL CFS	45.9	-	-	40.1	-
International Cargo Terminal CFS	2	3	3.8	3.2	3
International Cargo Terminals (ULA) CFS, Navi Mumbai	2.5	1.5	3.6	2.9	2.3
JWC Logistics Park CFS	2.2	5.4	3.4	3.5	4.2
JWR CFS	2.8	3.2	3.6	3.1	4.1
Kerry Indev Logistics Pvt Ltd CFS	2	4.4	3.5	3	4.3
Maersk Annex (APM)CFS, Navi Mumbai	3.3	2.2	3.7	-	2.4
Maharashtra State Corp CFS	1.2	-	2.9	2.3	3.9
Marigold Logistics CFS	-	-	-	34.1	-
Navkar Corporation Yard 2 CFS, Panvel	4.4	4.6	3.5	4.6	5.7
Navkar Corporation Yard 3 CFS, Panvel	2.4	3.9	3.9	2.6	4.9
Ocean Gate CFS, Panvel	2.3	7.8	4.2	4.3	3.4
Punjab Conware CFS, Navi Mumbai	1.5	3	3.7	3.6	3.9
Sarveshwar CFS	3.7	15.8	4.6	4.7	5
SBW Logistics CFS, Navi Mumbai	6	7	4.3	-	8.8
Seabird CFS, Navi Mumbai	3.3	5.3	4.3	3.2	2.8
Speedy Multimode CFS, JNPT	2.1	3.4	3.3	5.1	3.4
Take Care Logistics CFS	3.8	23	3.5	2.4	4.4
TG Terminals CFS, Mundra	-	-	-	-	39.6
Transworld terminals CFS	1.3	2.8	2.7	2.5	2.5
Vaishno Logistics CFS, Navi Mumbai	3.6	8.1	3.2	8.5	3.7

CFS Delivery Time Analysis – JNPA Terminals to CFS

Port Out – CFS In (Import Cycle) – Apr'24 (in hrs): Below table shows the delivery time in import cycle from the PORT terminals to CFS's

CFS	NSFT	GTI	NSICT	NSIGT	BMCT
AllCargo Logistics	3.1	3.8	4.6	3.4	3.5
Ameya Logistics CFS, Navi Mumbai	2.4	2.6	3.3	2.5	2.5
APM (Maersk India) CFS, Navi Mumbai	1.4	3.1	2.7	1.8	2.2
Apollo Logisolutions CFS, Panvel	3	3.7	4.6	6.1	5.5
Ashte Logistics CFS, Panvel	2.4	2.9	3.7	3	2.7
Balmer & Lawrie CFS, Navi Mumbai	2	2.6	2.4	3.5	2.6
CFS AMBAD, NASHIK	-	30.2	38.9	-	29.6
CWC Conex Terminal CFS	2.6	2.9	3.2	2.5	2.5
CWC Impex Park CFS, Navi Mumbai	2.2	3.2	5.1	3.4	3.1
CWC Polaris logistics park	2.1	2.5	3.6	2.7	2.2
EFC Logistics India	2.2	2.4	6.1	4.5	3.3
Gateway Distriparks CFS, Navi Mumbai	3.1	3	3.9	3.7	2.6
International Cargo Terminal CFS	2	2.5	2.3	2.1	2.1
International Cargo Terminals (ULA) CFS, Navi Mumbai	2.5	2.3	3	2.9	2.8
JWC Logistics Park CFS	2.9	3	7.9	4.3	3
JWR CFS	12.3	3.2	15.4	12.8	2.5
Kerry Indev Logistics Pvt Ltd CFS	3.3	4	4.5	3.8	4.4
Maersk Annex (APM)CFS, Navi Mumbai	1.5	2.1	2.9	2.1	2.1
Maharashtra State Corp CFS	6.1	3.4	2.7	2.3	2.8
Navkar Corporation Yard 1 CFS, Panvel	2.3	3.2	3.5	3.3	2.8
Navkar Corporation Yard 2 CFS, Panvel	2.5	3.5	4.1	5.7	3.3
Navkar Corporation Yard 3 CFS, Panvel	3.1	3	3	3.9	2.9
Ocean Gate CFS, Panvel	2.7	3	5.5	3.3	3
Punjab Conware CFS, Navi Mumbai	2.8	3.3	4.3	3.4	2.4
Sarveshwar CFS	2.5	2.4	3.2	2.9	2.3
SBW Logistics CFS, Navi Mumbai	6	4.9	3.6	4.2	4.3
Seabird CFS, Mundra	-	5.2	-	-	-
Seabird CFS, Navi Mumbai	3.5	2.8	3.9	3.3	3
Speedy Multimode CFS, JNPT	2.1	2.1	5.6	2.9	1.9
Take Care Logistics CFS	3.5	4.5	2.7	3.1	3.3
Vaishno Logistics CFS, Navi Mumbai	2.5	3.9	4.4	3.5	2.4

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

CFS Cluster : GTI Terminal

GTI terminal for month of Apr'24				
Clusters	No. of CFS's in Cluster	Distance from Port (Km)	Import cycle time (in Hrs)	Export cycle time (in Hrs)
Cluster 1	1	8	2.1	3
Cluster 2	6	13	2.8	3
Cluster 3	6	11	3.1	3.5
Cluster 4	1	13	3.9	8.1
Cluster 5	2	25	3	6.1
Cluster 6	6	25	3.3	4.4
Cluster 7	4	12	3.3	3.7
Cluster 8	1	34	4.9	7

CFS Cluster : NSFT Terminal

NSFT terminal for month of Apr'24				
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	2.1
Cluster 2	6	13	2.5	2.5
Cluster 3	6	11	3	2
Cluster 4	1	13	2.5	3.6
Cluster 5	2	25	2.8	2.3
Cluster 6	6	25	2.7	2.7
Cluster 7	4	12	2.7	2.6
Cluster 8	1	34	6	6

Based 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 Apr'24				
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	5.6	3.3
Cluster 2	6	13	3.3	3.3
Cluster 3	6	11	4	3.6
Cluster 4	1	13	4.4	3.3
Cluster 5	2	25	7.1	3.9
Cluster 6	6	25	3.7	3.5
Cluster 7	4	12	4.2	3.3
Cluster 8	1	34	3.6	4.3

CFS Cluster : NSIGT Terminal

NSIGT terminal for month of Apr'24				
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	5.1
Cluster 2	6	13	3.1	3.3
Cluster 3	6	11	3.2	3.1
Cluster 4	1	13	3.5	8.5
Cluster 5	2	25	3.6	3.7
Cluster 6	6	25	3.9	3.3
Cluster 7	4	12	2.9	2.5
Cluster 8	1	34	4.2	

CFS Cluster : BMCT Terminal

BMCT terminal for month of Apr'24				
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	3.3
Cluster 2	6	13	2.5	3.4
Cluster 3	6	11	2.6	3.3
Cluster 4	1	13	2.4	3.7
Cluster 5	2	25	3	4
Cluster 6	6	25	3.3	4.1
Cluster 7	4	12	3.1	4.3
Cluster 8	1	34	4.3	8.8

JNPA Region : Destination-wise Dwell Time – Import

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

Destination-wise Dwell Time (in hrs) – Train for Apr'24

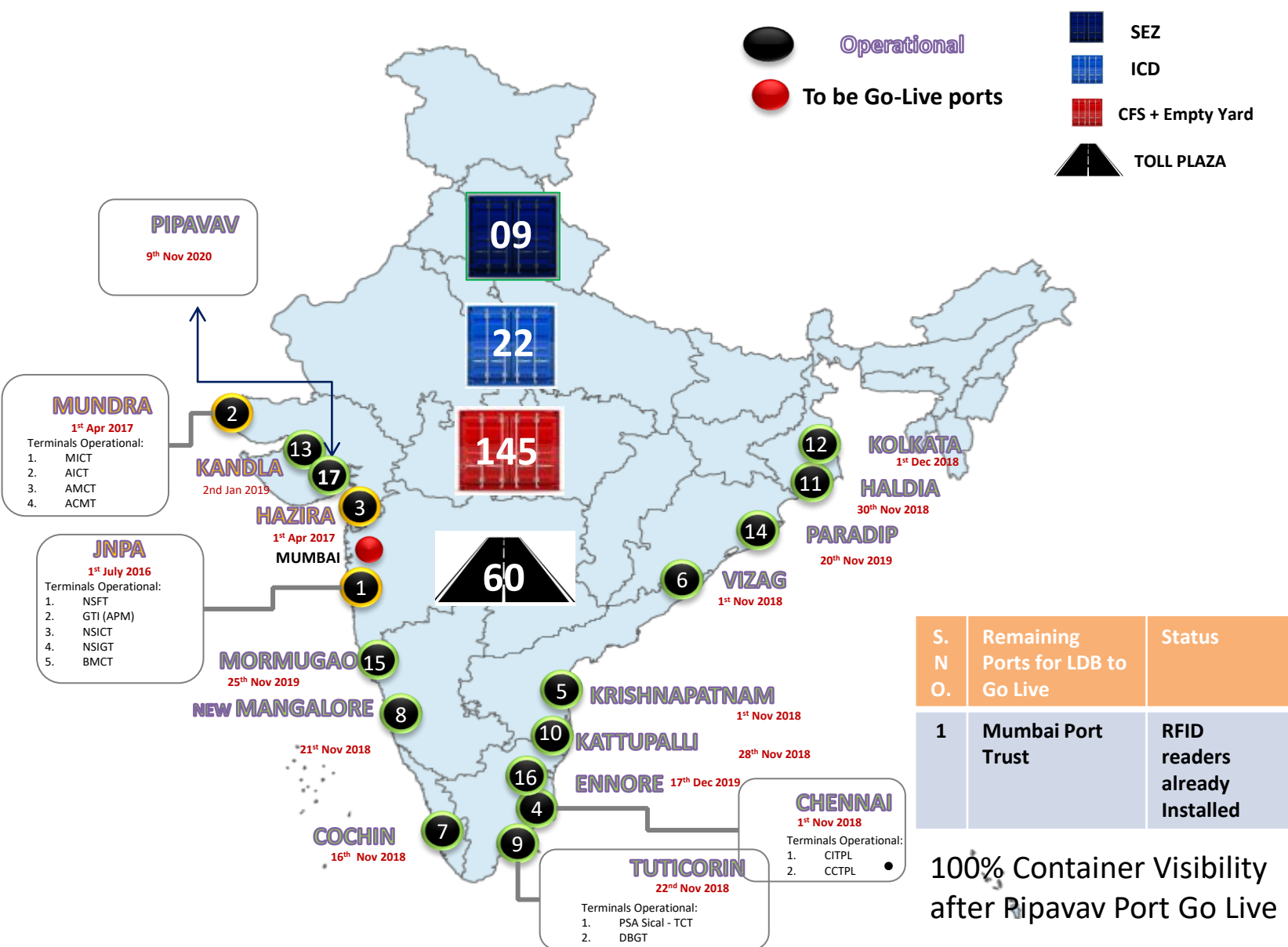
City	BMCT	GTI	NSFT	NSIGT	NSICT	Overall
Agra	62.8	91.0	112.3	112.3	-	85.6
Ankaleshwar	42.5	22.2	35.5	35.5	-	29.8
Ballabgarh	79.0	59.0	-	-	-	62.8
Boisar	57.6	16.6	67.1	67.1	64.5	62.6
Dadri	30.3	10.5	36.3	36.3	25.9	29.5
Daulatabad	34.9	21.2	15.1	15.1	30.5	24.4
Faridabad	41.8	92.9	159.8	159.8	65.3	85.7
Guhati	114.1	125.3	202.9	202.9	42.0	113.5
Indore	48.8	12.9	72.2	72.2	12.8	27.3
Jaipur	67.8	111.8	75.8	75.8	-	71.3
Kanpur	47.5	36.8	37.6	37.6	65.8	49.6
Khatuwas	36.9	35.5	-	-	-	36.2
Khodiyar	31.3	43.9	168.8	168.8	30.0	37.6
Ludhiana	36.6	33.8	-	-	95.8	36.6
Malanpur	59.1	30.1	15.2	15.2	26.4	30.3
Mandideep	30.9	10.5	19.4	19.4	21.5	24.9
Moradabad	39.9	27.3	61.1	61.1	31.1	31.2
Nagpur	44.8	12.5	27.7	27.7	20.1	32.2
Navi Mumbai	17.5	22.7	21.1	21.1	26.8	19.6
Pantnagar	-	-	16.3	16.3	-	14.7
Patparganj	94.0	27.4	-	-	-	29.5
Raipur	-	-	66.4	66.4	-	20.0
Sanatnagar	31.1	-	23.4	23.4	-	27.9
Thimmapur	78.4	11.0	70.0	70.0	78.1	87.4
Tughlakabad	36.3	7.9	70.0	70.0	43.8	36.4

JNPA Region : Destination-wise Dwell Time – Import

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

Destination-wise Dwell Time (in hrs) – Truck for Apr'24

CFS	BMCT	GTI	NSFT	NSIGT	NSICT	Overall
AllCargo Logistics	18.1	-	18.7	18.7	27.8	19.0
Ameya Logistics CFS, Navi Mumbai	18.1	-	20.1	20.1	21.6	18.1
APM (Maersk India) CFS, Navi Mumbai	22.2	13.8	12.4	12.4	20.6	17.8
Apollo Logisolutions CFS, Panvel	15.8	19.5	22.7	22.7	31.5	18.6
Ashte Logistics CFS, Panvel	15.1	12.2	14.5	14.5	18.6	13.8
Balmer & Lawrie CFS, Navi Mumbai	16.6	14.4	15.1	15.1	11.2	15.2
Continental Warehousing CFS, Navi Mumbai	20.4	13.3	20.4	20.4	32.2	16.8
CWC Impex Park	16.1	14.1	20.8	20.8	23.7	15.7
Dronagiri Rail Terminal CFS, Navi Mumbai	25.0	22.7	30.2	30.2	-	24.7
EFC Logistics	15.7	14.0	23.6	23.6	27.4	15.5
Gateway Distriparks CFS, Navi Mumbai	16.4	14.7	20.2	20.2	24.3	16.4
International Cargo Terminals (ULA) CFS, Navi Mumbai	-	-	16.8	16.8	16.0	16.4
JWC Logistics Park CFS	17.3	14.3	18.1	18.1	18.5	16.1
Kerry Indev Logistics Pvt Ltd CFS	16.5	14.3	20.6	20.6	19.3	15.2
Maharashtra State Corp CFS	24.1	21.4	47.0	47.0	24.5	31.0
Navkar Corporation	22.6	14.4	16.6	16.6	21.2	17.3
Ocean Gate CFS, Panvel	15.2	15.2	18.9	18.9	15.2	15.7
Sarveshwar Logistics	13.7	8.3	19.7	19.7	13.4	11.4
SBW Logistics CFS, Navi Mumbai	48.3	-	48.0	48.0	-	48.1
Seabird CFS, Navi Mumbai	17.7	-	19.0	19.0	23.7	18.7
Speedy Multimode CFS, JNPT	15.9	63.3	18.7	18.7	17.8	16.5
Take Care Logistics	20.6	16.7	22.8	22.8	41.2	20.4
TG Terminals	16.9	-	18.8	18.8	18.4	17.7
Vaishno Logistics CFS, Navi Mumbai	15.1	11.6	21.5	21.5	24.1	15.2



100% Container Visibility after Pipavav Port Go Live

- More than about 70+ million EXIM containers covered till date.(2024.05.01)

Below mentioned are all the CFS in the respective Clusters :

Cluster 1
(JNPA Area)

- Speedy Multimode CFS,JNPA

Cluster 2
(Bhendkhal area, Khopate road)

- APM (Maersk India) CFS, Navi Mumbai
- Maersk Annex (APM)CFS, Navi Mumbai
- Balmer & Lawrie CFS, Navi Mumbai
- CWC Hind Terminal CFS, Navi Mumbai
- International Cargo Terminals (ULA) CFS, Navi Mumbai & Infrastructure Private Limited
- Gateway Distriparks CFS, Navi Mumbai
- International Cargo Terminal CFS

Cluster 3
Sonari area,JNPA road

- Punjab Conware CFS, Navi Mumbai
- Dronogiri Rail Terminal CFS, Navi Mumbai
- CWC Impex Park CFS, Navi Mumbai
- CWC Dronagiri CFS, Navi Mumbai
- Maharashtra State Corp CFS
- Seabird CFS, Navi Mumbai

Cluster 4
(Chirle area , JNPA road)

- Vaishno Logistics CFS, Navi Mumbai

Cluster 5
(Plaspa area, Coachi kanyakumari Highway)

- JWC Logistics Park CFS
- Ocean Gate CFS, Panvel

Cluster 6
(Salva apta rd area, Bangalore highway)

- Ashte Logistics CFS, Panvel
- Apollo Logisolutions CFS, Panvel
- Indev Logistics CFS, Panvel
- Navkar Corporation Yrd 1 CFS, Panvel
- Navkar Corporation Yard 2 CFS, Panvel
- Navkar Corporation Yard 3 CFS, Panvel

Cluster 7
(Patilpada area, Khopate JNPA road)

- All Cargo Logistics CFS, Navi Mumbai
- Transindia Logistics Park, Navi Mumbai
- Ameya Logistics CFS, Navi Mumbai
- Continental Warehousing CFS, Navi Mumbai

Cluster 8
SBW

List of CFS/ICD name used in Performance Index

List of CFS names used in the Western CFS Performance Index

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

List of ICD names used in the ICD Performance Index

Ref. no.	Name	Ref. no.	Name
1	Adani ICD, Tumb	22	ICD KHODIYAR
2	Adani Logistics Park ICD, Gurgaon	23	ICD KIFTPL Kashipur
3	Albatross Inland Ports ICD, Dadri	24	ICD MANDIDEEP
4	Allcargo Logistics Park ICD, Dadri	25	ICD Pali (KIPL)
5	APM Terminals ICD, Dadri	26	ICD Sachana (CWC)
6	CMA CGM Logistics Park, Dadri	27	ICD SANATHNAGAR
7	CONCOR ICD, Aurangabad	28	ICD WHITEFIELD
8	CONCOR ICD, Dadri	29	KLPL ICD, Kanpur
9	CONCOR Kanakpura ICD, Jaipur	30	Kribhco ICD, Meerut
10	Continental Warehousing Corporation Nhava Sheva pvt.	31	MMLP BALLI
11	Dronagiri Rail Terminal CFS, Navi Mumbai	32	MMLP BARHI
12	Gateway Rail Freight ICD, Gurgaon	33	MMLP KHATUWAS
13	Gateway Rail Freight ICD, Pyala	34	MMLP MIHAN
14	Gateway Rail ICD, Sahnewal	35	MMLP PANTHNAGAR (SIDCUL-CONCOR)
15	Hind Terminals Logistics Park ICD, Palwal	36	MMLP TIHI
16	ICD ANKLESHWAR	37	MMLP VARNAMA
17	ICD BGKT, JODHPUR	38	Pegasus Inland Container Depot
18	ICD DAULATABAD	39	The Thar Dry Port ICD Ahmedabad
19	ICD DDL, LUDHIANA	40	The Thar Dry Port Jodhpur
20	ICD Jajpur (Jindal Stainless Ltd.)	41	Vaishno Container Terminal-ICD Tarapur
21	ICD KANPUR		

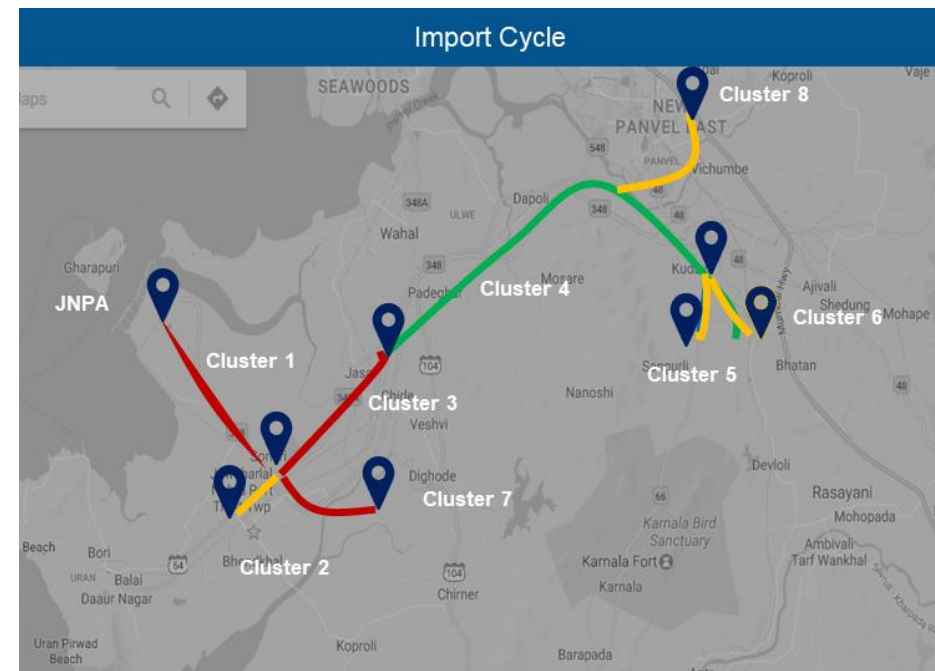
Methodology

Step 1 CFSs are divided into clusters based on their vicinity

Step 2 Cluster based transit time is calculated. The transit time is the travel time between CFS clusters and port or vice versa.

Step 3 Cluster based congestion level is calculated as per below steps:

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



Congestion Level ■ High ■ Medium ■ Low

Congestion Analysis



THANK YOU