



Logistics Databank Analytics Report - JNPA

February 2025



Terminal wise Dwell Time Performance – Snapshot

Import Cycle		
Port	Feb'25 (in hrs)	Jan'25 (in hrs)
NSFT	25.2	23.6
NSICT	28.8	29.7
GTI	21.9	20.6
NSIGT	34.1	32.6
BMCT	23.4	18.6

Export Cycle		
Port	Feb'25 (in hrs)	Jan'25 (in hrs)
NSFT	77.0	70.3
NSICT	55.7	66.3
GTI	80.7	79.8
NSIGT	76.7	92.3
BMCT	71.5	74.7

Critical Incident Summary Jawaharlal Nehru Port Authority

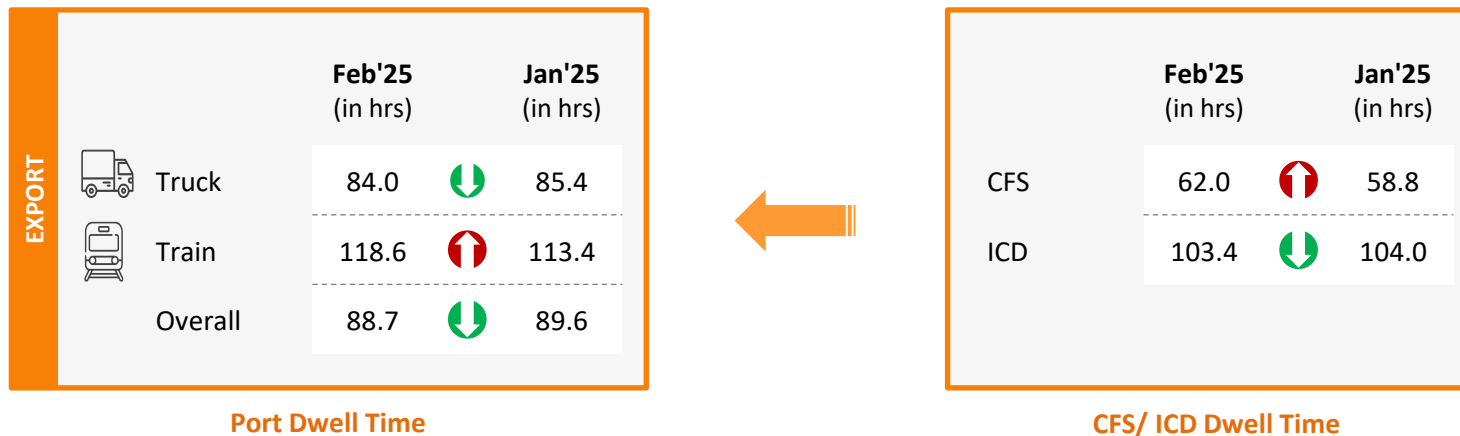
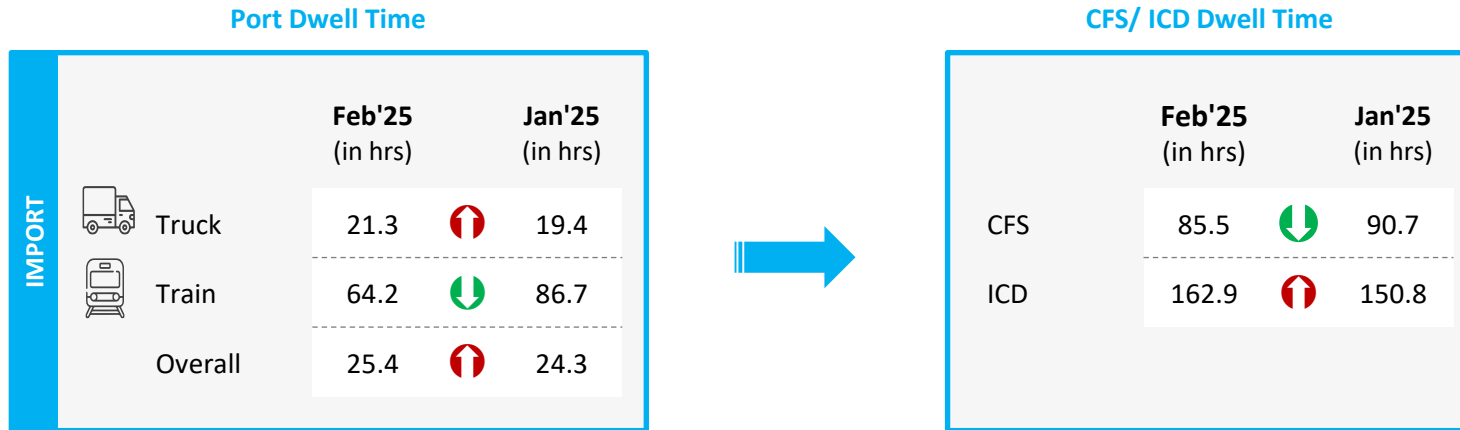
- Overall container handling performance (Port Dwell Time) has declined in import cycle and has improved in export cycle. CFS dwell Time performance has improved in import cycle and has declined in export cycle. ICD dwell performance has declined in import cycle and has improved in export cycle.

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
Feb'25	25.1 hrs	72.8 hrs	76.3 hrs	67.9 hrs	162.9 hrs	103.4 hrs
Jan'25	22.6 hrs ^{11.1%}	77.2 hrs ^{5.7%}	82.7 hrs ^{7.7%}	60.9 hrs ^{11.5%}	150.8 hrs ^{8.0%}	104.0 hrs ^{0.6%}

Indicates decrease/increase in dwell time from last month

Container Transportation Performance: Western Corridor

Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)

Indicates decrease/increase in dwell time from last month

Port Performance Benchmarking & Performance Index: Western Region

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)

X-Axis: Dwell Time

Threshold value (in hours): 60.8

Y-Axis: No. of Boxes

Threshold value (no. of boxes): 54,611

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 ★★

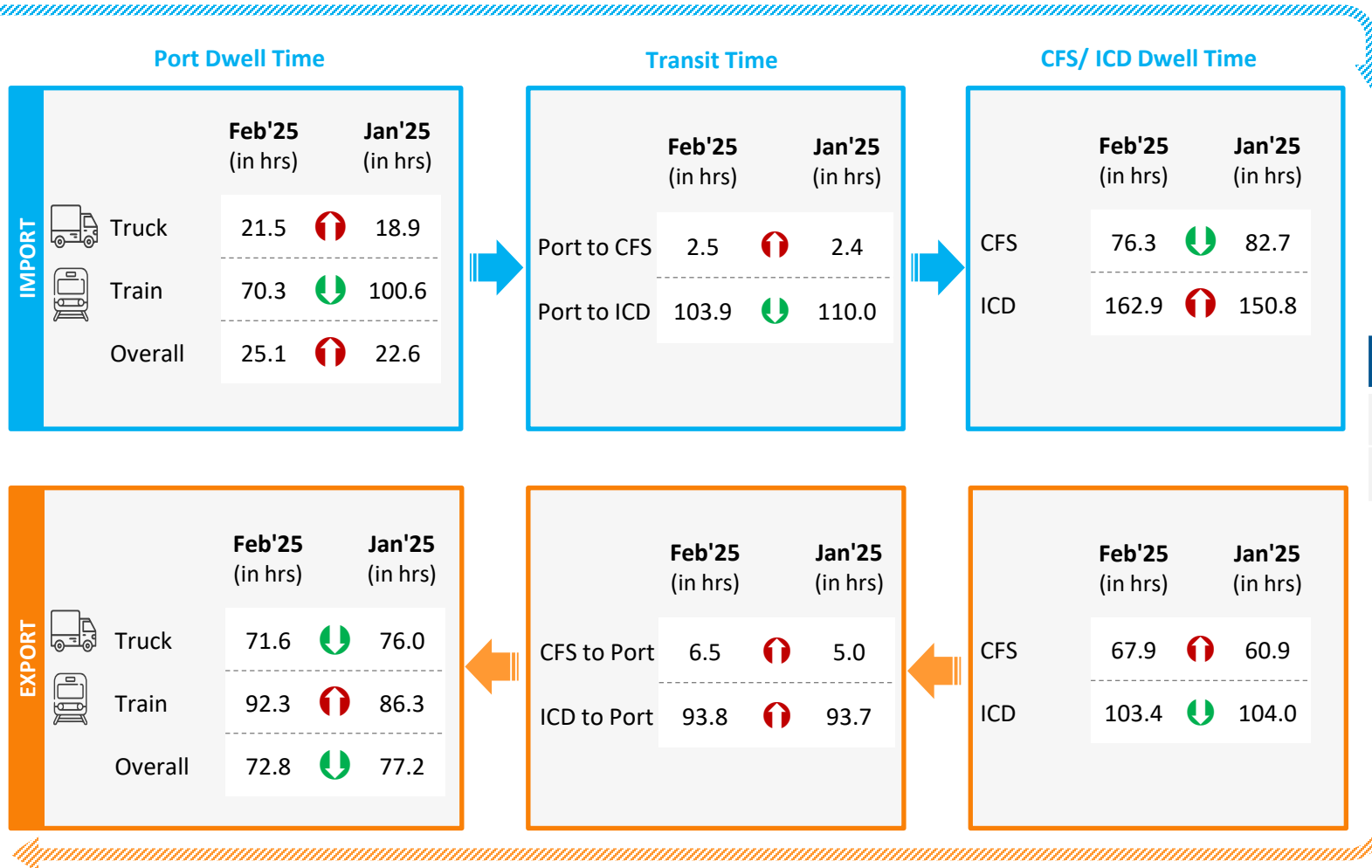
Entities with high container count and high dwell time

Needs Improvement ★

Entities with low container count and high dwell time

Container Transportation: JNPA Port Terminals

Container Lifecycle (Import Cycle)



Volume distribution at port terminal – Truck/Rail

	Truck	Rail
Import	83%	17%
Export	81%	19%

Indicates decrease/increase in time from last month

Container Transportation: JNPA Port Terminals

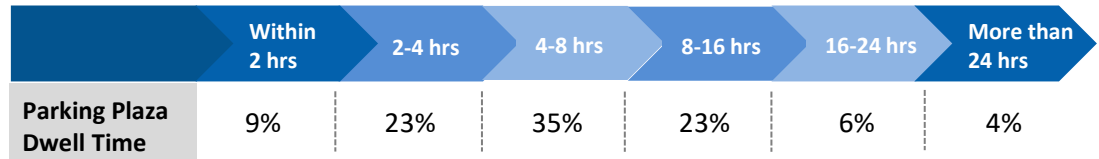
Import Cycle	Particulars		Feb'25 (in hrs)	Jan'25 (in hrs)
	Dwell Time	Overall Dwell Time		25.1
Truck Bound Containers			21.5	18.9
Train Bound Containers			70.3	100.6
Direct Port Delivery (DPD) containers			25.8	24.9
Containers bound for CFS			18.9	16.9
Empty Containers			40.8	29.4
Laden Containers			21.4	21.2
Transit Time	Port to ICD		103.9	110.0
	Port to CFS		2.5	2.4
Export Cycle	Particulars		Feb'25 (in hrs)	Jan'25 (in hrs)
	Dwell Time	Overall Dwell Time		72.8
Truck Bound Containers			71.6	76.0
Train Bound Containers			92.3	86.3
Direct Port Entry (DPE) containers			75.6	78.4
Containers bound from CFS			70.9	76.6
Empty Containers			67.6	70.1
Laden Containers			75.1	80.5
Transit Time	ICD to Port		93.8	93.7
	CFS to Port		6.5	5.0

Parking Plaza Analysis: JNPA Port

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

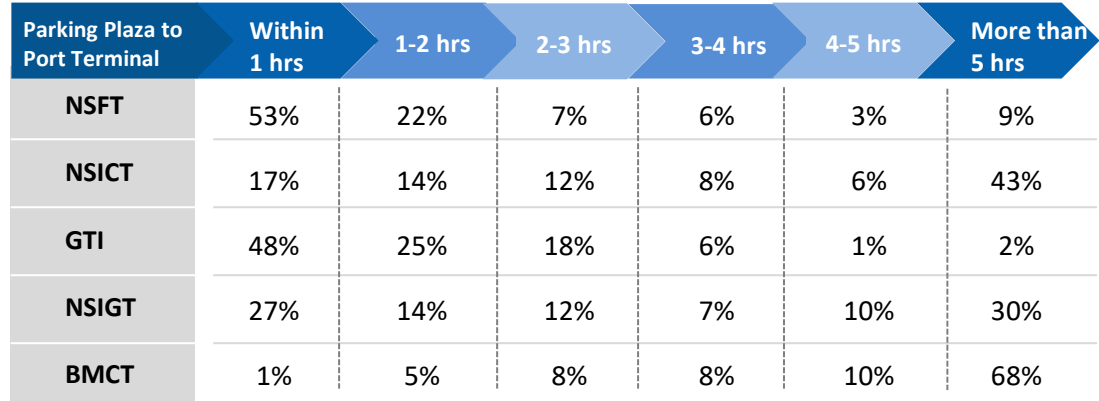
Parking Plaza Dwell Time	Feb'25 (in hrs)	Jan'25 (in hrs)
Gate in - Gate Out	5.8	5.7

Container Count Percentage: Hour-wise (Feb'25)



Parking Plaza to JNPA Port	Feb'25 (in hrs)	Jan'25 (in hrs)
Gate Out – Terminal In	1.6	2.5

Container Count Percentage: Hour-wise (Feb'25)



Port Terminal	Feb'25 (in hrs)	Jan'25 (in hrs)
NSFT	0.9	0.5
NSICT	3.8	3.1
GTI	1.1	3.0
NSIGT	2.8	2.3
BMCT	6.6	4.0

CFS/ICD Performance Benchmarking & Performance Index

CFS: Western Corridor

Performance Benchmarking

ICD: PAN India

Top Performing CFS

Top Performing ICD

CWC Conex Terminal CFS

CONCOR ICD, Dadri

High Potential CFS

Low Performing CFS

High Potential ICD

Low Performing ICD

CWC Polaris logistics park

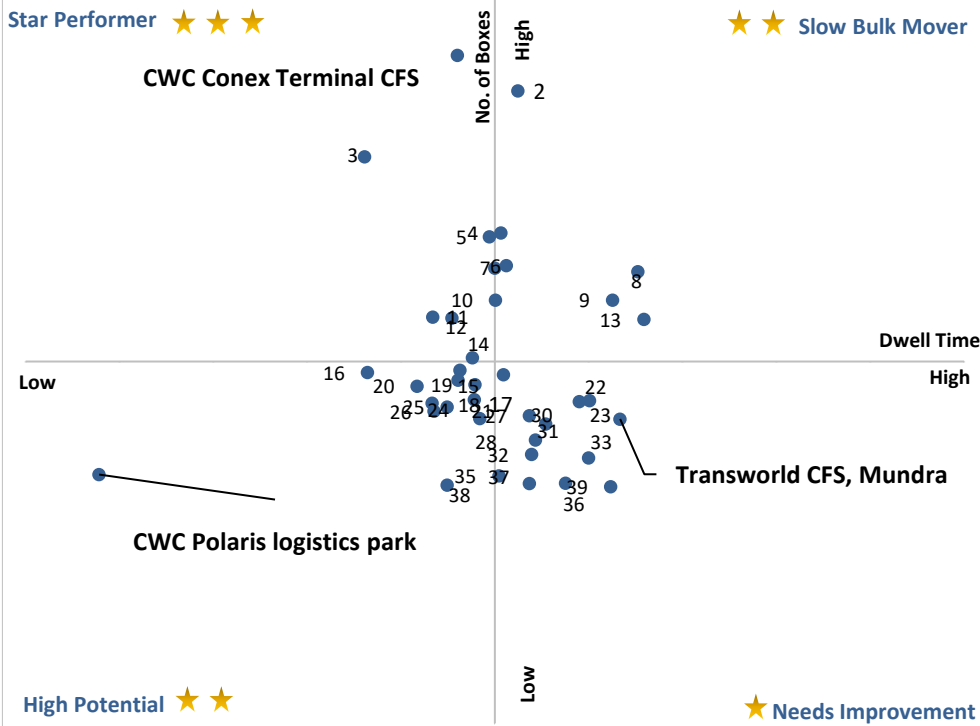
Transworld CFS, Mundra

ICD KOTA

MMLP TIHI

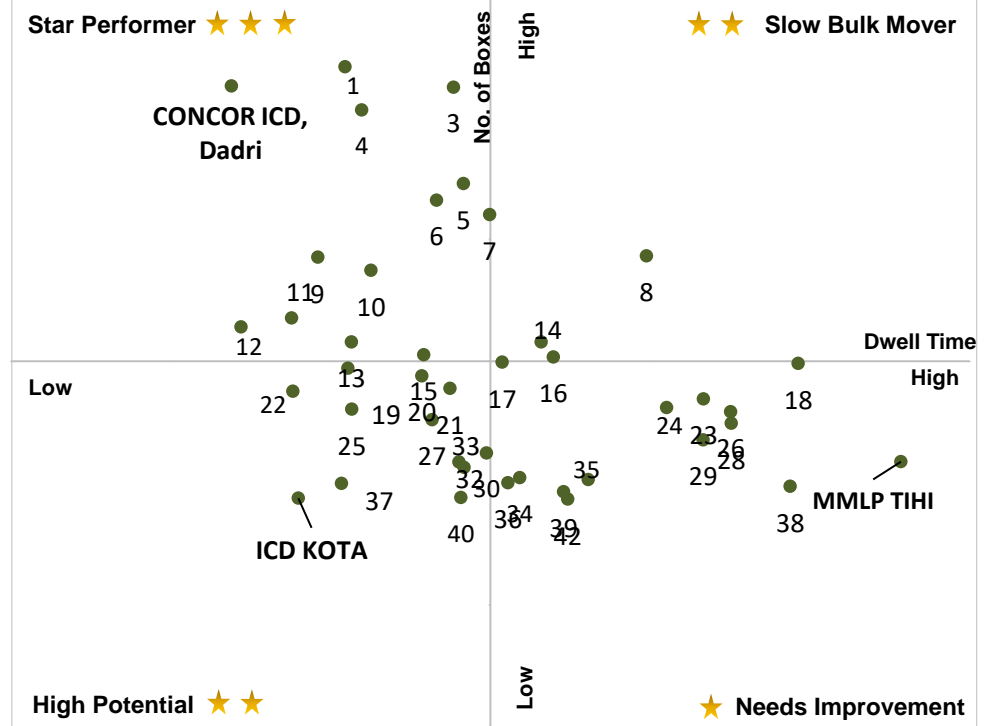
Performance Index – Feb'25

Performance Index – Feb'25



X-Axis: Dwell Time

Y-Axis: No. of Boxes



X-Axis: Dwell Time

Y-Axis: No. of Boxes

Import Cycle Analysis

JNPA Port Terminal: Dwell Time Performance (Import Cycle)

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

PORT IMPORT via TRAIN (17% 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

Import Cycle		
Port	Feb'25 (in hrs)	Jan'25 (in hrs)
NSFT	73.5	82.7
NSICT	69.6	139.2
GTI	53.1	89.3
NSIGT	91.5	158.9
BMCT	77.9	82.7

Container Handled: Hour-wise (Feb'25)

Port Terminals	Within 0-24 hrs	24-48 hrs	48-72 hrs	72-96 hrs	96-144 hrs	More than 144 hrs
NSFT	8%	26%	15%	21%	15%	15%
NSICT	16%	21%	14%	15%	19%	15%
GTI	18%	26%	20%	15%	11%	10%
NSIGT	7%	17%	16%	13%	19%	28%
BMCT	9%	18%	19%	13%	21%	20%

PORT IMPORT via TRUCK (83% 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

Import Cycle		
Port	Feb'25 (in hrs)	Jan'25 (in hrs)
NSFT	22.1	20.4
NSICT	25.2	24.6
GTI	19.8	17.6
NSIGT	27.6	24.7
BMCT	18.8	15.9

Container Handled: Hour-wise (Feb'25)

Port Terminals	Within 0-24 hrs	24-48 hrs	48-72 hrs	72-96 hrs	96-144 hrs	More than 144 hrs
NSFT	54%	26%	9%	3%	4%	4%
NSICT	48%	27%	12%	5%	5%	3%
GTI	62%	29%	6%	2%	1%	-
NSIGT	43%	30%	16%	6%	4%	1%
BMCT	60%	24%	9%	5%	2%	-

JNPA Port Terminal: Dwell Time Performance (Import Cycle)

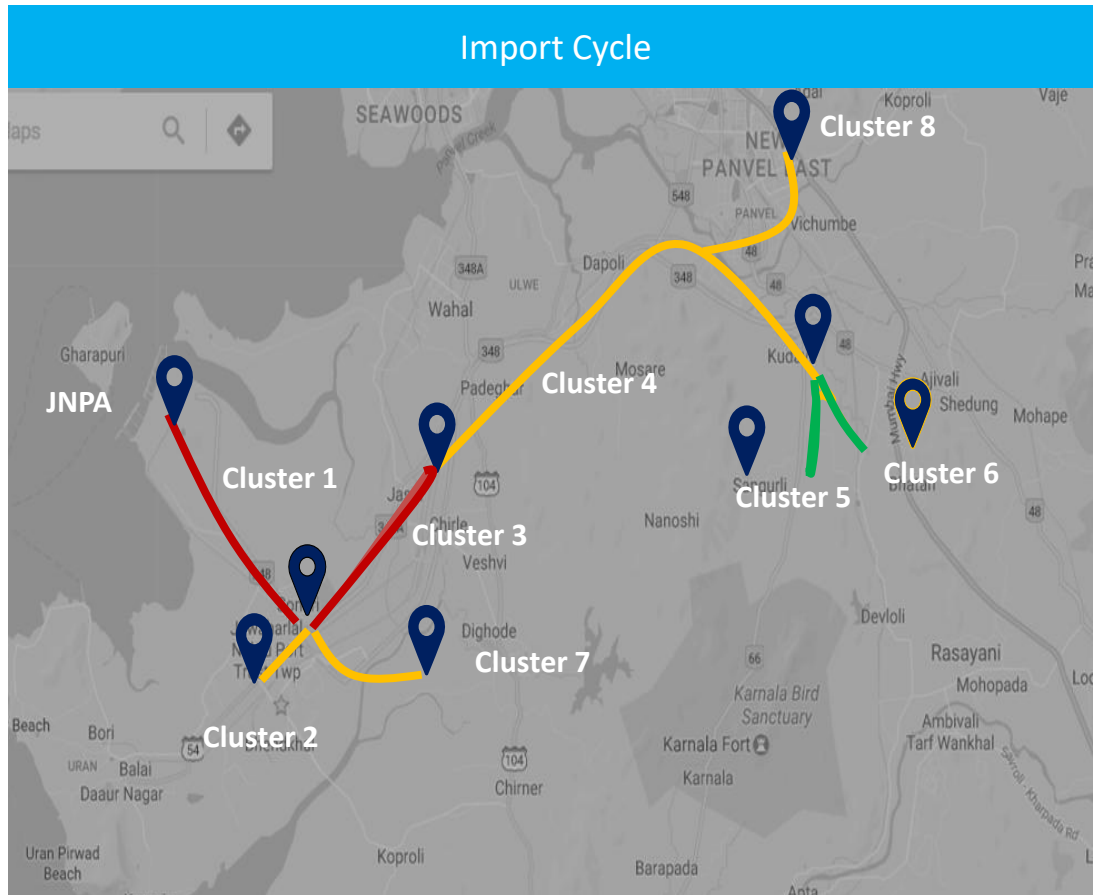
The below table depicts the detailed JNPA region port performance in the month of Feb'25

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	25.2	18.2	40.9	18.6
NSICT	47.2	20.3	45.1	22.8
GTI	29.4	19.4	31.5	20.6
NSIGT	48.7	21.0	48.5	27.4
BMCT	22.1	16.2	38.1	20.0

JNPA Region: Congestion Analysis (Import Cycle)

The below map indicates congestion around JNPA region in Import Cycle in month of Feb'25



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	JNPA Area	1	8.22%	High
Cluster 2	Bhendkhal Area, Khopate Road	6	28.95%	Medium
Cluster 3	Sonari Area, JNPA Road	2	13.01%	High
Cluster 4	Chirle Area, JNPA Road	1	1.18%	Medium
Cluster 5	Plaspa Area, Coach Kanyakumari Highway	2	19.05%	Low
Cluster 6	Salva Apta Road Area, Bangalore Highway	5	18.52%	Low
Cluster 7	Patilpada Area, Khopate JNPA Road	3	10.00%	Medium
Cluster 8	Taloja, Navi Mumbai	1	1.07%	Medium

Congestion Level ■ High ■ Medium ■ Low

JNPA Region Import Cycle: Container Movement

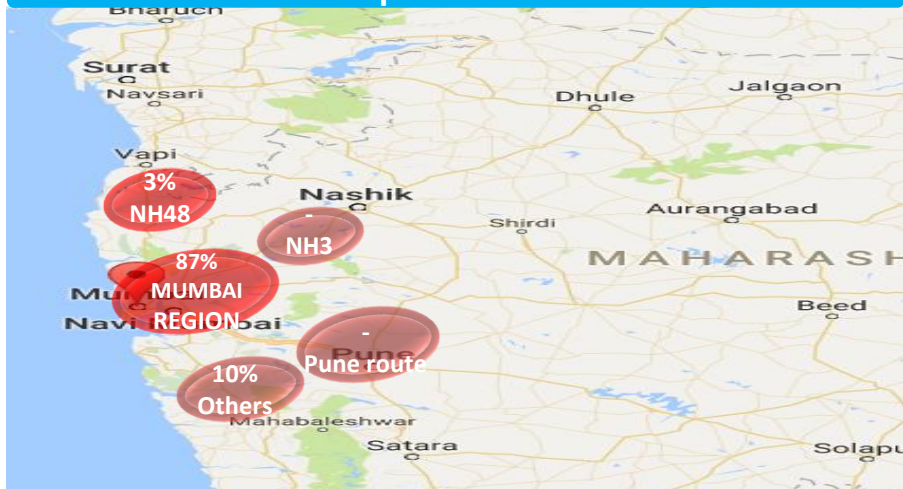
Truck

HEAT MAP : OVERALL MUMBAI REGION

Region	Feb'25
Mumbai region	87%
NH3	-
Pune	-
NH48	3%
Others	10%

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

Heat Map via Truck: Feb'25



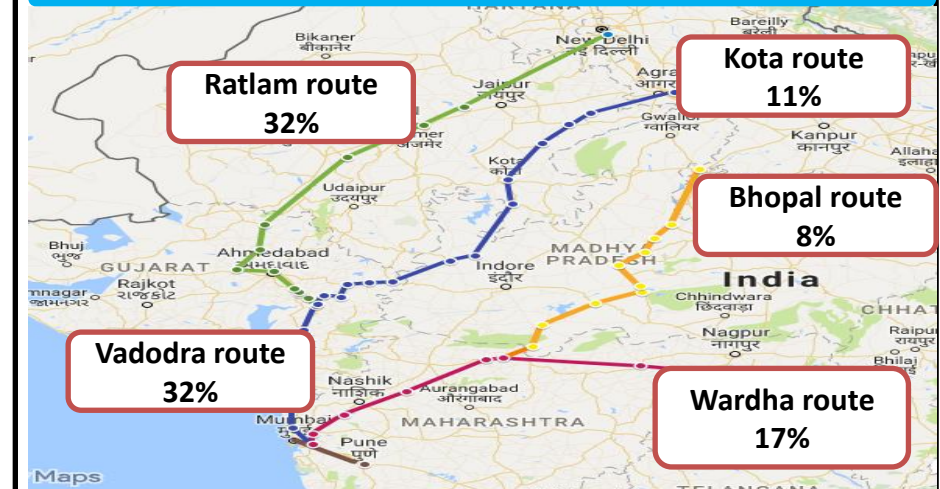
Train

VOLUME WISE CONTAINER MOVEMENT

Region	Feb'25
Vadodra Route	32%
Ratlam Route	32%
Wardha Route	17%
Kota Route	11%
Bhopal Route	8%

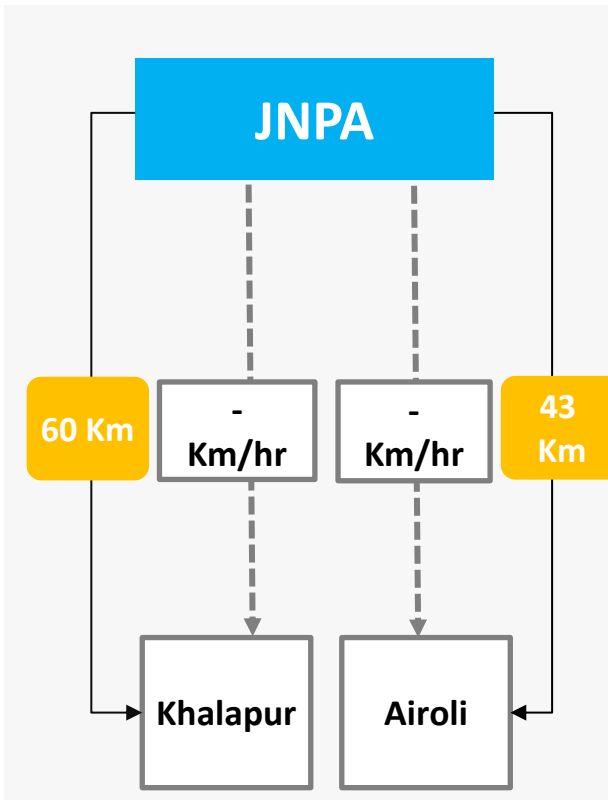
The map depicts the volume wise container movement through different railway routes in import cycle

Container movement via Train – Feb'25



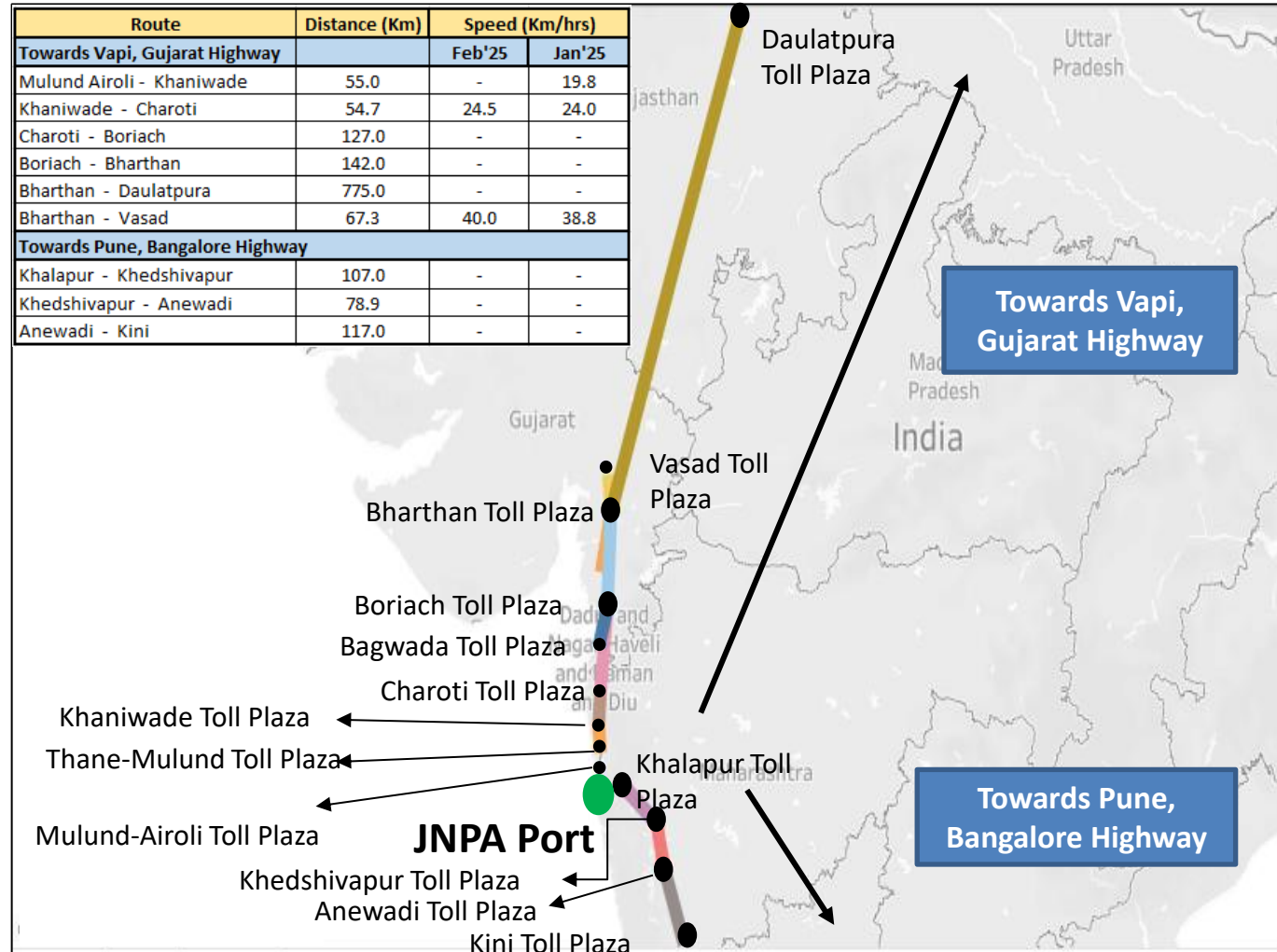
Western Corridor Toll Plaza Analysis

Average speed of trucks to cover the distance between Port to the nearest Toll Plaza for Feb'25:



The average speed of trucks to cover the distance between adjacent toll plazas for Feb'25:

Route	Distance (Km)	Speed (Km/hrs)	
		Feb'25	Jan'25
Towards Vapi, Gujarat Highway			
Mulund Airoli - Khaniwade	55.0	-	19.8
Khaniwade - Charoti	54.7	24.5	24.0
Charoti - Boriach	127.0	-	-
Boriach - Bharthan	142.0	-	-
Bharthan - Daulatpura	775.0	-	-
Bharthan - Vasad	67.3	40.0	38.8
Towards Pune, Bangalore Highway			
Khalapur - Khedshivapur	107.0	-	-
Khedshivapur - Anewadi	78.9	-	-
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 port (covered under LDB) for train and truck bound containers in export cycle.

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

Export Cycle		
Port	Feb'25 (in hrs)	Jan'25 (in hrs)
NSFT	94.0	56.7
NSICT	16.4	27.3
GTI	117.3	106.3
NSIGT	106.7	109.0
BMCT	110.2	110.1

Container Handled: Hour-wise (Feb'25)

Port Terminals	Within 0-24 hrs	24-48 hrs	48-72 hrs	72-96 hrs	96-144 hrs	More than 144 hrs
NSFT	14%	10%	13%	15%	22%	26%
NSICT	56%	12%	7%	6%	10%	9%
GTI	2%	8%	12%	15%	29%	34%
NSIGT	1%	8%	14%	17%	39%	21%
BMCT	1%	10%	13%	16%	24%	36%

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

Export Cycle		
Port	Feb'25 (in hrs)	Jan'25 (in hrs)
NSFT	74.0	74.6
NSICT	62.4	73.6
GTI	76.3	76.4
NSIGT	72.5	90.0
BMCT	70.7	70.7

Container Handled: Hour-wise (Feb'25)

Port Terminals	Within 0-24 hrs	24-48 hrs	48-72 hrs	72-96 hrs	96-144 hrs	More than 144 hrs
NSFT	10%	17%	21%	24%	22%	6%
NSICT	10%	23%	27%	25%	13%	2%
GTI	4%	15%	27%	24%	28%	2%
NSIGT	5%	19%	26%	24%	24%	2%
BMCT	6%	18%	28%	25%	21%	2%

JNPA Port Terminal: Dwell Time Performance (Export Cycle)

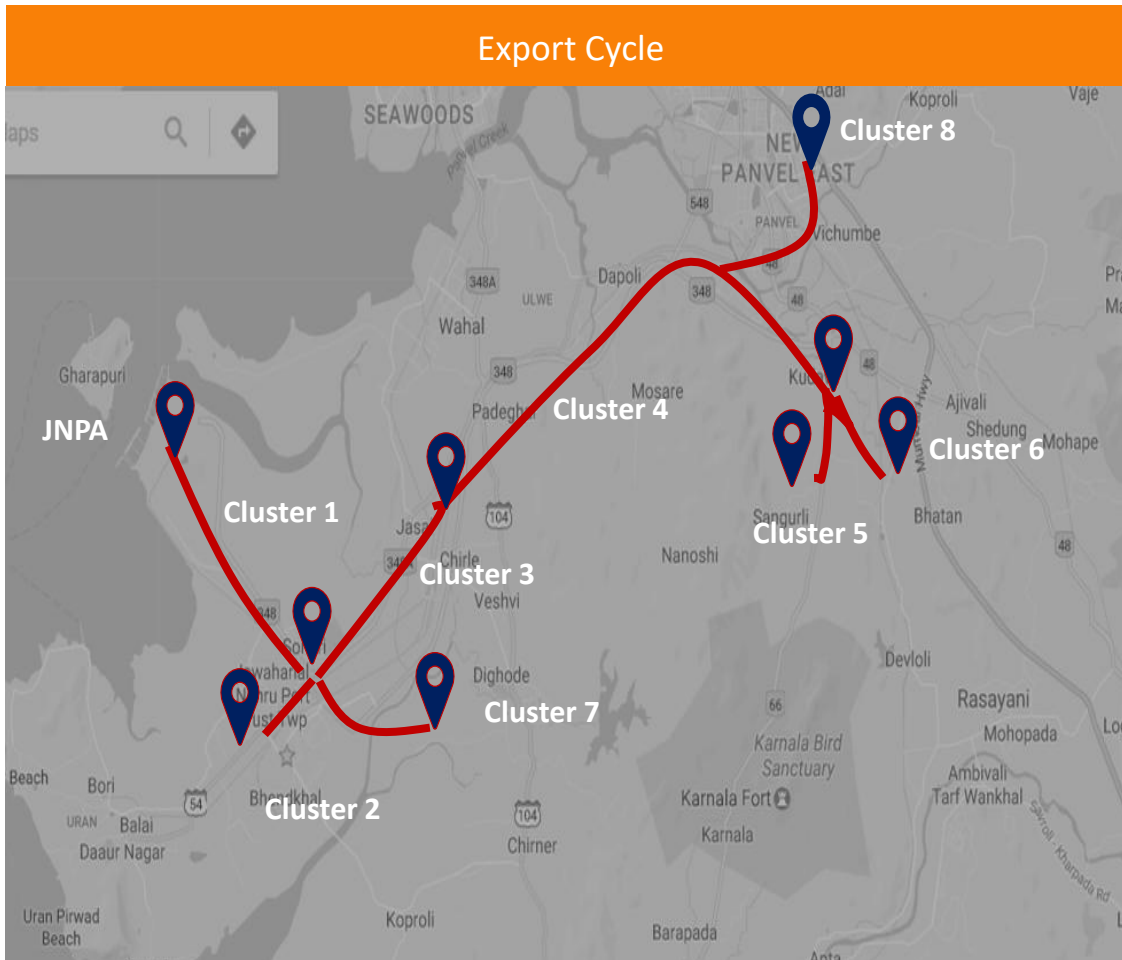
The below table depicts the detailed JNPA region port performance in the month of Feb'25

Port Dwell Time (in Hours) - Based on Transit Type

Port Terminals	Direct Port Entry (DPE) Containers	Containers bound from CFS	Empty Containers	Laden Containers
NSFT	74.9	75.2	69.8	78.7
NSICT	64.3	59.0	60.7	54.9
GTI	79.0	79.2	75.7	82.5
NSIGT	81.7	70.4	57.6	79.1
BMCT	-	69.6	65.3	77.8

JNPA Region: Congestion Analysis (Export Cycle)

The below map indicates congestion around JNPA region in Import Cycle in month of Feb'25



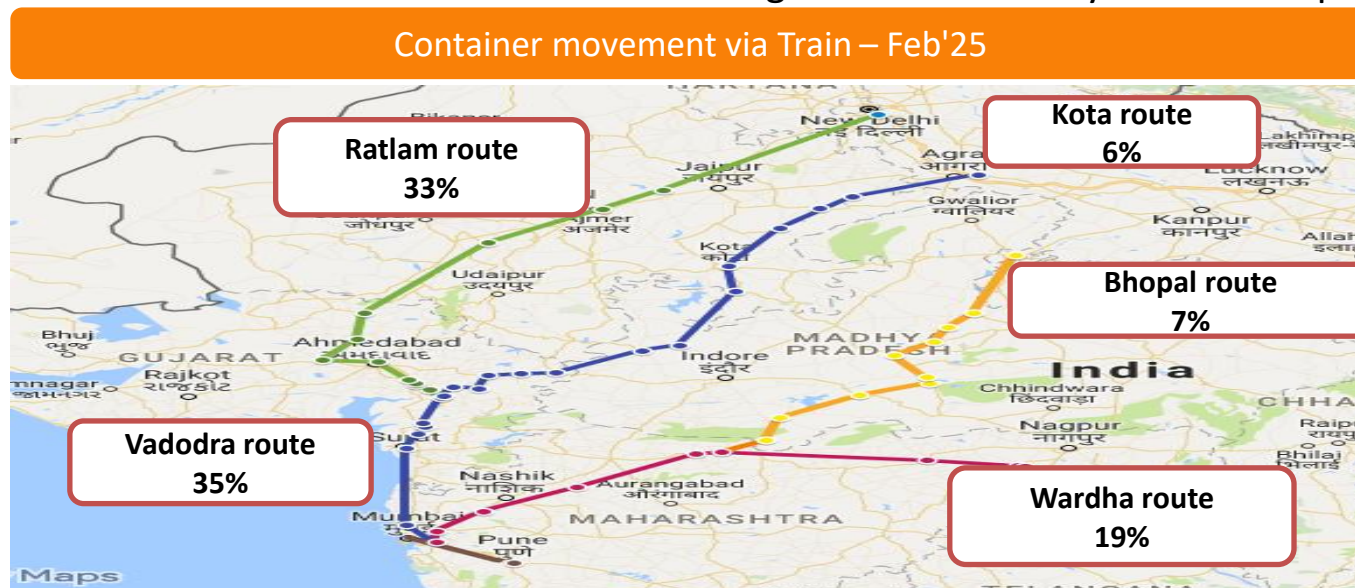
Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	JNPA Area	1	6.22%	High
Cluster 2	Bhendkhal Area, Khopate Road	6	21.48%	High
Cluster 3	Sonari Area, JNPA Road	2	12.71%	High
Cluster 4	Chirle Area, JNPA Road	1	4.93%	High
Cluster 5	Plaspa Area, Coach Kanyakumari Highway	2	15.10%	High
Cluster 6	Salva Apta Road Area, Bangalore Highway	5	29.56%	High
Cluster 7	Patilpada Area, Khopate JNPA Road	3	8.71%	High
Cluster 8	Taloja, Navi Mumbai	1	1.29%	High

Congestion Level ■ High ■ Medium ■ Low

JNPA Region: Container Movement via Train

JNPA Port	
Route	Percentage of Container Movement
Vadodra Route	35%
Ratlam Route	33%
Wardha Route	19%
Kota Route	6%
Bhopal Route	7%

The map depicts the volume wise container movement through different railway routes in export cycle for Feb'25



CFS and ICD Performance

JNPA region CFS : CFS DWELL TIME ANALYSIS

Below tables show the dwell time of the respective CFSs for Feb'25 and Jan'25

CFS Dwell Time (in hrs.)					
CFS	Feb'25 (in hrs)	Jan'25 (in hrs)	CFS	Feb'25 (in hrs)	Jan'25 (in hrs)
AllCargo Logistics CFS,Mumbai	71.8	81.9	International Cargo Terminals (ULA) CFS, Navi Mumbai	73.4	72.2
Ameya Logistics CFS, Navi Mumbai	67.4	-	JWC Logistics Park CFS	78.0	90.7
APM (Maersk India) CFS, Navi Mumbai	89.2	88.9	JWR CFS	60.1	53.4
Ashte Logistics CFS, Panvel	73.7	82.2	Maharashtra State Corp CFS	83.9	-
CWC Conex Terminal CFS	73.3	70.5	Navkar Corporation Yard 2 CFS, Panvel	86.3	98.5
CWC Dronagiri CFS, Navi Mumbai	84.2	82.1	Navkar Corporation Yard 3 CFS, Panvel	84.8	-
CWC Impex Park CFS, Navi Mumbai	76.6	72.6	Punjab Conware CFS, Navi Mumbai	83.9	79.8
CWC Polaris logistics park	20.7	75.0	Sarveshwar CFS	75.9	97.5
EFC Logistics India	69.7	78.4	Seabird CFS, Navi Mumbai	80.1	78.4
Gateway Distriparks CFS, Navi Mumbai	69.9	-	Speedy Multimode CFS, JNPT	78.9	86.2
International Cargo Terminal CFS	69.6	79.3	Transworld Terminals CFS,Mumbai	75.8	63.5

ICD Performance

Below tables show the dwell time of the respective ICDs for Feb'25 and Jan'25

ICD Dwell Time (in hrs.)

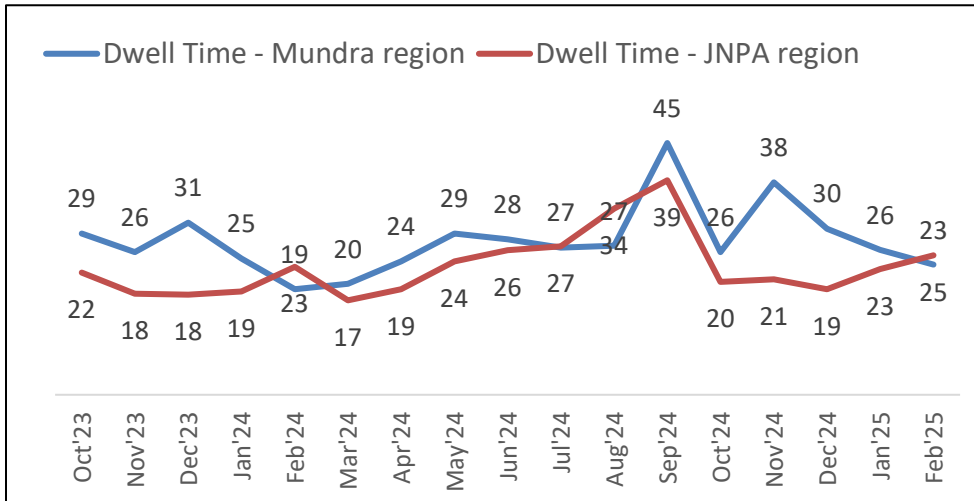
ICD	Feb'25 (in hrs)	Jan'25 (in hrs)	ICD	Feb'25 (in hrs)	Jan'25 (in hrs)
Adani ICD, Tumb	84.7	82.7	ICD KIFTPL Kashipur	116.6	118.3
Adani Logistics Park ICD, Gurgaon	127.1	123.6	ICD KOTA	80.4	-
CFS VALLARPADAM	162.5	124.0	ICD MAJHERHAT	90.0	-
CONCOR ICD, Aurangabad	190.0	-	ICD MALANPUR	140.4	-
CONCOR ICD, Dadri	65.5	57.7	ICD MANDIDEEP	176.9	165.0
CONCOR Kanakpura ICD, Jaipur	92.2	87.9	ICD SANATHNAGAR	117.2	121.0
CONTAINER CORPORATION OF INDIA LTD - TONDIARPET (ICDTV-T)	79.2	71.5	ICD WHITEFIELD	115.0	134.2
Continental Warehousing Corporation Nhava Sheva Ltd ICD, Haryana	96.6	101.5	KLPL ICD, Kanpur	91.4	91.0
Dronagiri Rail Terminal CFS, Navi Mumbai	90.8	128.6	Kribhco ICD, Meerut	176.7	165.6
Gateway Rail Freight ICD, Gurgaon	117.3	124.5	MMLP BALLI	139.5	135.5
Gateway Rail Freight ICD, Pyala	122.3	147.8	MMLP BARHI	114.2	117.0
Gateway Rail ICD, Sahnewal	111.2	109.9	MMLP KHATUWAS	137.2	140.9
Hind Terminals Logistics Park ICD, Palwal	134.5	149.7	MMLP MIHAN	125.8	135.2
HTPL ICD Qilaraipur Ludhiana	158.0	201.1	MMLP TIHI	214.7	166.6
ICD ANKLESHWAR	92.3	89.6	MMLP VARNAMA	170.7	245.0
ICD BGKT, JODHPUR	78.9	83.2	MMLP VISHAKAPATNAM	191.8	120.6
ICD DAULATABAD	170.6	151.8	Pegasus Inland Container Depot	129.7	126.9
ICD DDL, LUDHIANA	67.6	69.1	Pristine ICD Chawapail, Ludhiana	108.3	104.0
ICD Jajpur (Jindal Stainless Ltd.)	145.0	102.0	The Thar Dry Port ICD Ahmedabad	123.0	131.6
ICD KANPUR	116.2	115.2	The Thar Dry Port Jodhpur	107.9	108.0
ICD KHODIYAR	94.5	90.0	Vaishno Container Terminal-ICD Tarapur	110.2	105.2

Trend Analysis

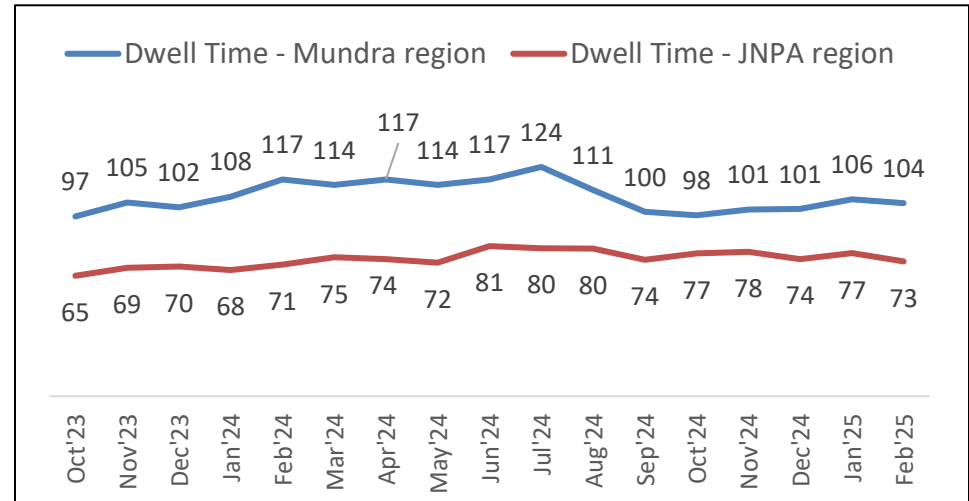
Western Corridor Port: Yearly Analysis

Container Volume and Dwell time of all the terminals in JNPA and Mundra Port have been analysed until Feb'25

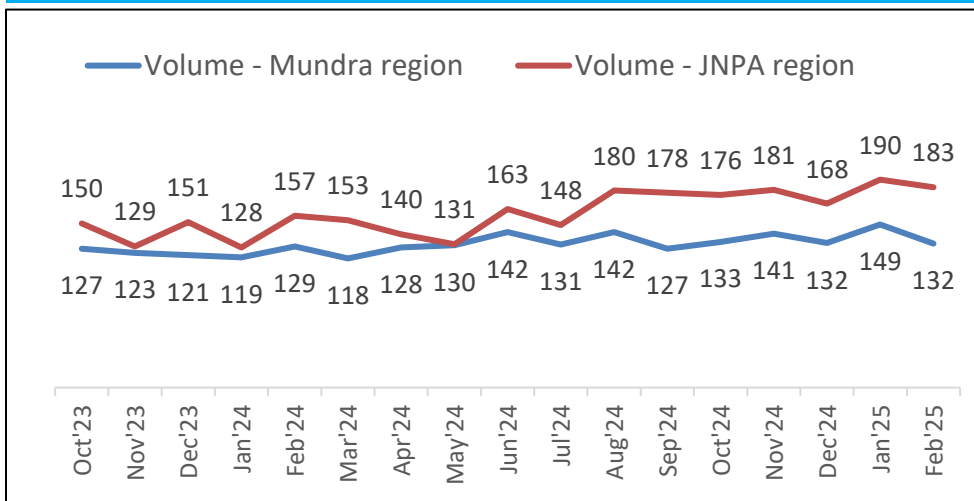
Import Dwell Time – Mundra Region Vs JNPA Region



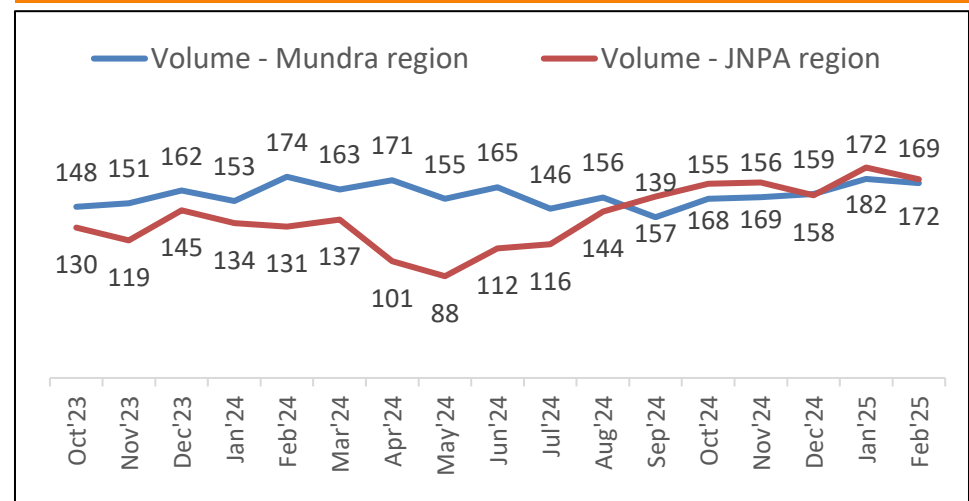
Export Dwell Time – Mundra Region Vs JNPA Region



Import Volume – Mundra Region Vs JNPA Region



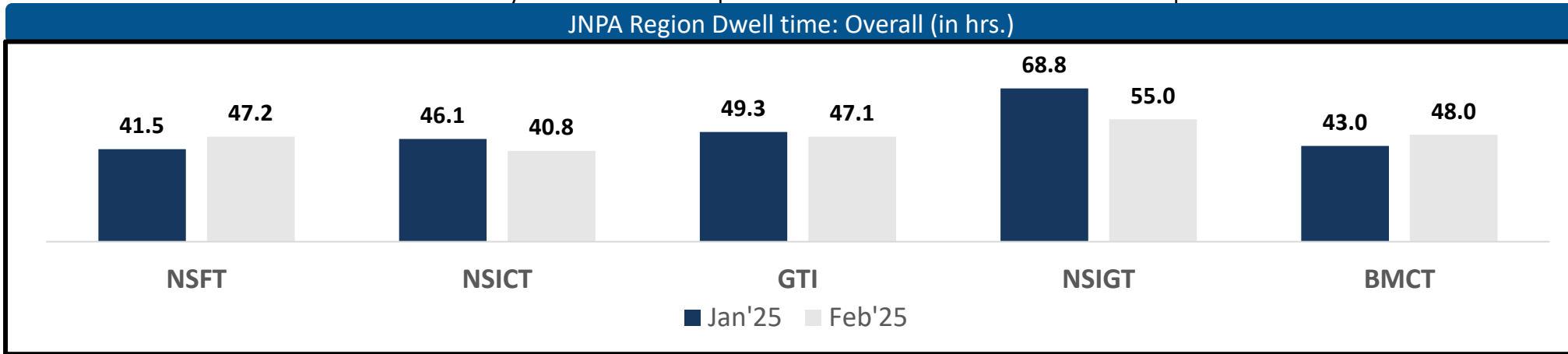
Export Volume – Mundra Region Vs JNPA Region



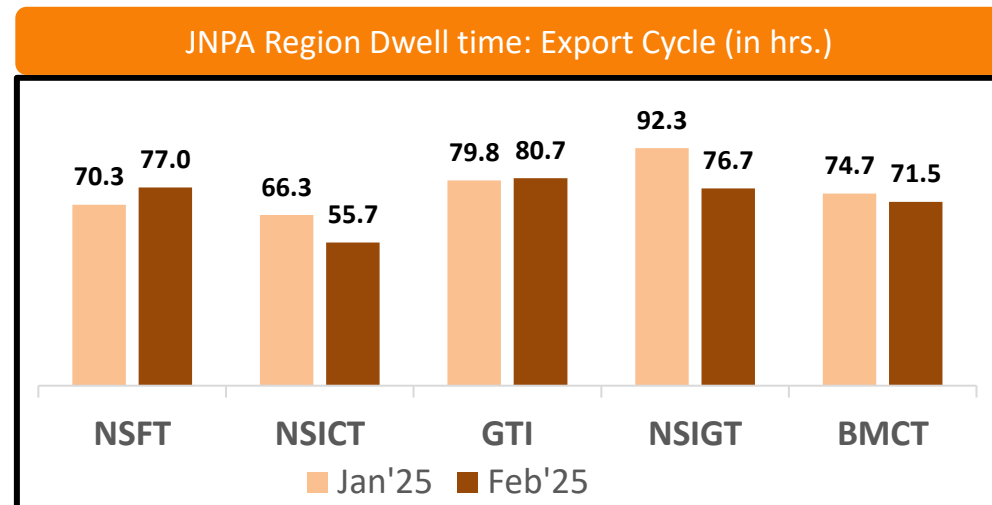
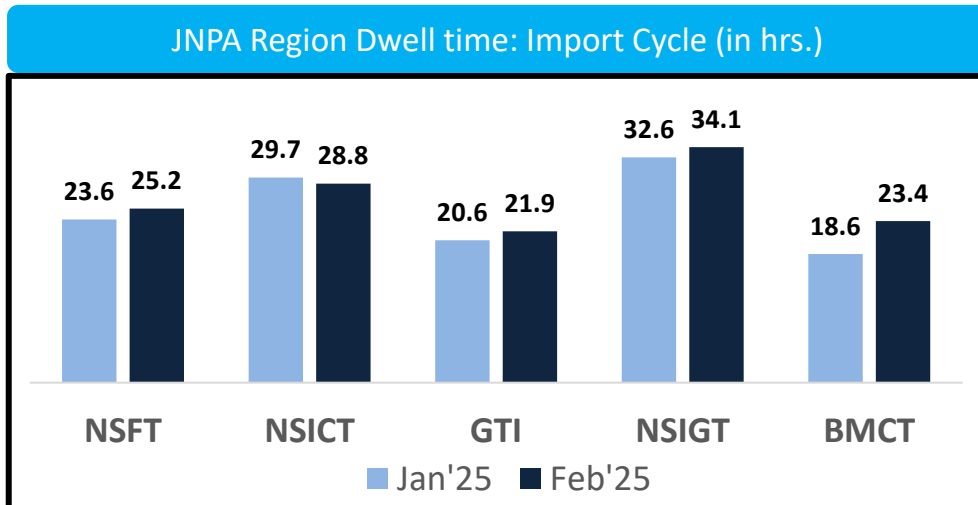
JNPA Port Dwell Time Trend: Month on Month

JNPA Port Dwell Time Trend :

The below graph 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 graphs showcase the Import and Export cycle dwell time for both train and truck bound containers for month of Feb'25

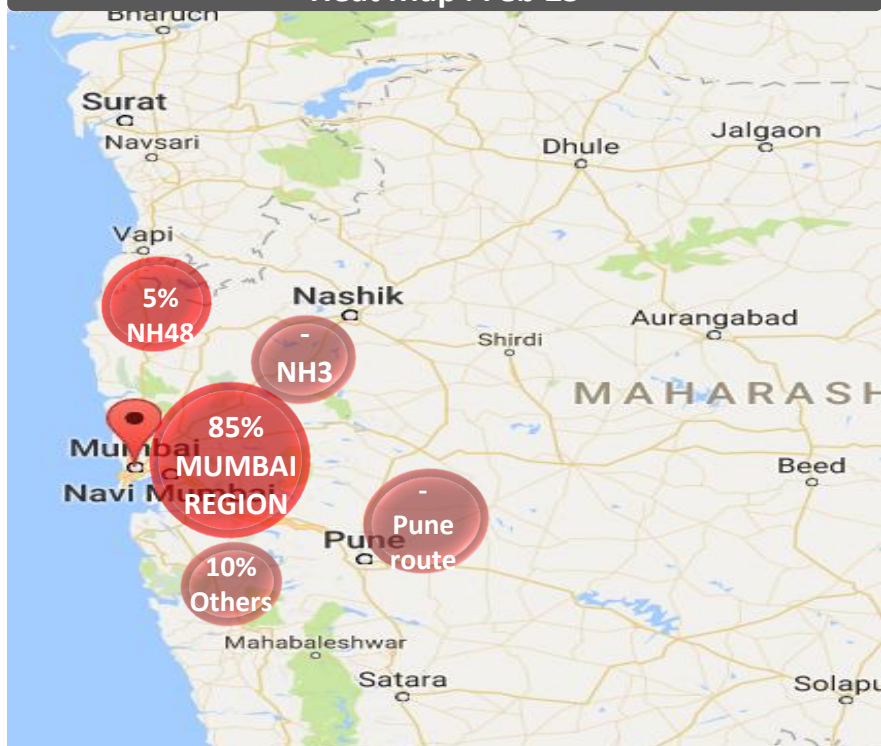


ANNEXURE

Container Movement Around JNPA Port Terminal Region Via Truck

HEAT MAP : GTI Port Terminal

Heat Map : Feb'25

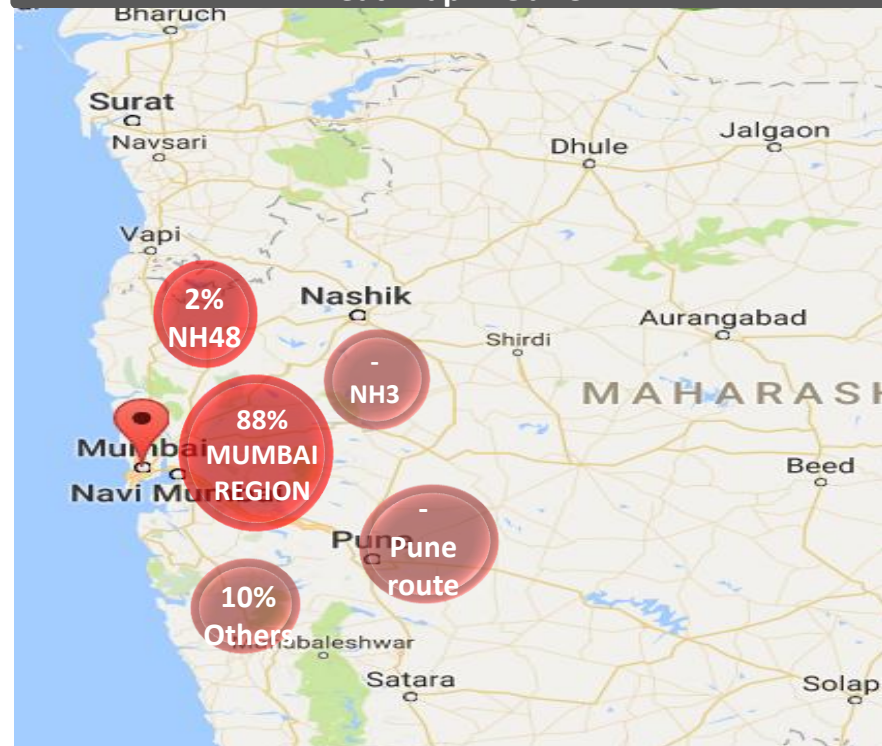


Region	Feb'25	Jan'25
Mumbai region	85%	84%
NH3	-	-
Pune	-	5%
NH48	5%	1%
others	10%	10%

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

HEAT MAP : NSFT Port Terminal

Heat Map : Feb'25



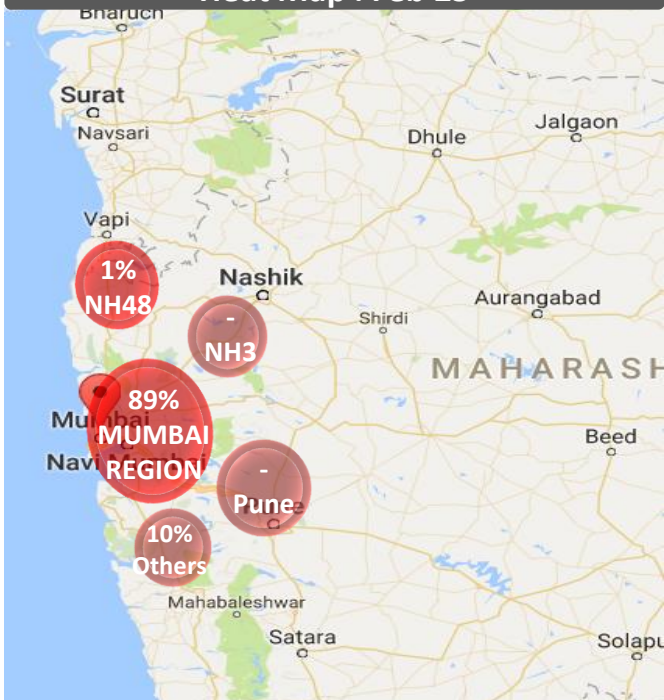
Region	Feb'25	Jan'25
Mumbai region	88%	83%
NH3	-	-
Pune	-	5%
NH48	2%	2%
others	10%	10%

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 : Feb'25

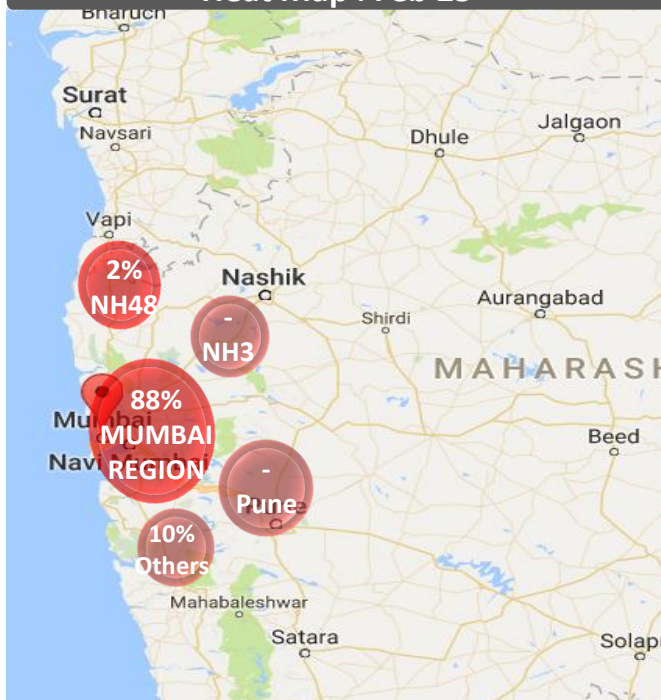


Region	Feb'25	Jan'25
Mumbai region	89%	87%
NH3	-	-
Pune	-	2%
NH48	1%	1%
others	10%	10%

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

HEAT MAP : NSICT Port Terminal

Heat Map : Feb'25

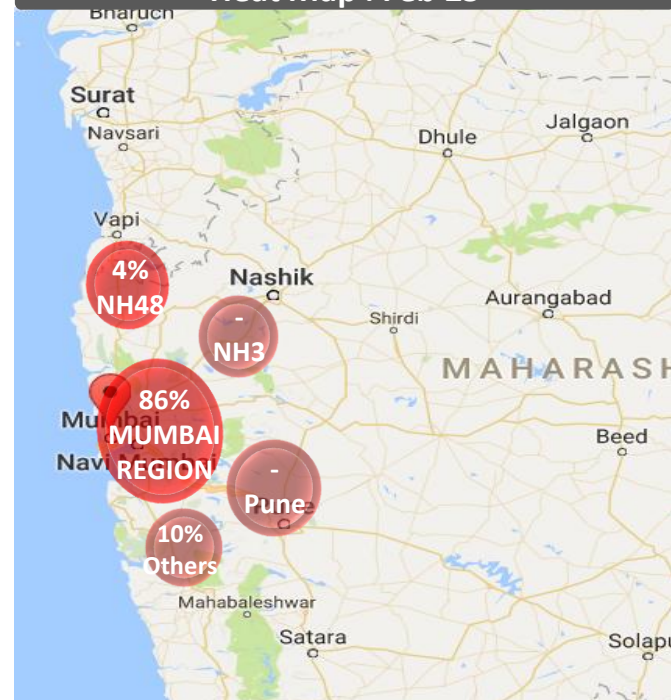


Region	Feb'25	Jan'25
Mumbai region	88%	85%
NH3	-	-
Pune	-	3%
NH48	2%	2%
others	10%	10%

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

HEAT MAP : BMCT Port Terminal

Heat Map : Feb'25



Region	Feb'25	Jan'25
Mumbai region	86%	84%
NH3	-	-
Pune	-	4%
NH48	4%	2%
others	10%	10%

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

CFS Delivery Time Analysis: JNPA Terminals to CFS (1/2)

Port Out – CFS In (Import Cycle) – Feb'25 (in hrs): Below table shows the delivery time in import cycle from the PORT terminals to CFSs

CFS	NSFT	GTI	NSICT	NSIGT	BMCT
AllCargo Logistics CFS,Mumbai	3.3	2.9	3.7	2.9	3.3
Ameya Logistics CFS, Navi Mumbai	2.6	2.6	2.8	2.4	2.1
APM (Maersk India) CFS, Navi Mumbai	1.8	2.1	2.9	1.8	1.9
Ashte Logistics CFS, Panvel	2.2	2.4	2.6	2.6	2.4
Balmer & Lawrie CFS, Navi Mumbai	2.9	2.3	2.1	1.9	1.8
CWC Conex Terminal CFS	1.7	1.9	2.4	2.0	1.8
CWC Dronagiri CFS, Navi Mumbai	1.7	1.9	2.0	1.9	1.5
CWC Impex Park CFS, Navi Mumbai	1.1	2.3	3.5	2.0	2.8
CWC Polaris logistics park	1.7	1.9	2.0	1.5	1.7
EFC Logistics India	2.2	2.3	2.8	2.0	2.0
Gateway Distriparks CFS, Navi Mumbai	3.8	3.0	3.4	3.0	2.6
International Cargo Terminal CFS	2.1	2.2	2.4	1.9	1.8
International Cargo Terminals (ULA) CFS, Navi Mumbai	1.7	1.7	2.1	1.5	1.8
JWC Logistics Park CFS	2.3	2.6	4.6	3.3	3.8
JWR CFS	5.3	3.2	-	5.8	4.6

CFS Delivery Time Analysis: JNPA Terminals to CFS (2/2)

Port Out – CFS In (Import Cycle) – Feb'25 (in hrs): Below table shows the delivery time in import cycle from the PORT terminals to CFSs

CFS	NSFT	GTI	NSICT	NSIGT	BMCT
Kerry Indev Logistics CFS,Mumbai	2.1	4.2	2.8	3.8	2.9
Maersk Annex (APM)CFS, Navi Mumbai	5.1	2.2	4.1	3.2	2.0
Maharashtra State Corp CFS	1.4	2.4	1.7	1.5	1.7
Navkar Corporation Yard 1 CFS, Panvel	1.9	3.0	2.9	3.3	2.1
Navkar Corporation Yard 2 CFS, Panvel	2.5	2.6	3.2	2.5	2.9
Navkar Corporation Yard 3 CFS, Panvel	2.3	3.2	3.6	2.4	2.9
Ocean Gate CFS, Panvel	2.4	3.1	3.1	2.7	2.8
Punjab Conware CFS, Navi Mumbai	1.8	2.6	2.2	1.4	1.8
Sarveshwar CFS	1.9	2.3	2.7	2.0	2.4
SBW Logistics CFS, Navi Mumbai	4.3	5.1	5.5	5.6	3.9
Seabird CFS, Navi Mumbai	4.1	4.0	4.4	3.5	4.1
Speedy Multimode CFS, JNPT	1.4	1.6	2.1	1.8	1.6
Take Care Logistics CFS	2.6	3.2	4.5	4.1	3.2
Transworld Terminals CFS,Mumbai	1.4	1.5	1.7	1.5	1.5
Vaishno Logistics CFS, Navi Mumbai	3.7	3.1	3.1	2.4	2.3

CFS Delivery Time Analysis: CFS to JNPA Terminals (1/2)

CFS Out – Port In (Export Cycle) – Feb'25 (in hrs): Below table shows the delivery time in export cycle from the CFSs to PORT terminals

CFS	NSFT	GTI	NSICT	NSIGT	BMCT
AllCargo Logistics CFS,Mumbai	7.3	-	9.3	2.7	12.5
Ameya Logistics CFS, Navi Mumbai	3.2	3.9	6.3	4.2	8.2
APM (Maersk India) CFS, Navi Mumbai	7.3	9.6	11.5	4.9	8.6
Ashte Logistics CFS, Panvel	2.6	3.5	5.3	2.9	8.8
Balmer & Lawrie CFS, Navi Mumbai	4.5	5.1	11.5	10.0	7.9
CWC Conex Terminal CFS	2.1	3.0	6.8	4.1	7.2
CWC Dronagiri CFS, Navi Mumbai	5.7	8.5	7.3	4.0	6.0
CWC Impex Park CFS, Navi Mumbai	-	-	6.8	9.7	7.6
CWC Polaris logistics park	1.9	-	1.4	2.6	-
EFC Logistics India	3.5	4.1	5.0	7.2	10.3
Gateway Distriparks CFS, Navi Mumbai	8.3	-	12.1	3.3	9.1
International Cargo Terminal CFS	1.9	4.1	7.1	4.5	8.7
International Cargo Terminals (ULA) CFS, Navi Mumbai	2.1	-	4.3	5.5	8.3

CFS Delivery Time Analysis: CFS to JNPA Terminals (2/2)

CFS Out – Port In (Export Cycle) – Feb'25 (in hrs): Below table shows the delivery time in export cycle from the CFSs to PORT terminals

CFS	NSFT	GTI	NSICT	NSIGT	BMCT
JWC Logistics Park CFS	3.0	2.6	5.2	4.7	8.1
JWR CFS	3.0	3.4	5.1	4.6	8.4
Kerry Indev Logistics CFS,Mumbai	2.1	-	9.8	6.3	10.7
Maharashtra State Corp CFS	4.9	2.8	7.2	5.3	7.6
Navkar Corporation Yard 2 CFS, Panvel	3.7	3.4	7.8	5.1	9.0
Navkar Corporation Yard 3 CFS, Panvel	4.7	5.5	6.0	5.9	9.9
Ocean Gate CFS, Panvel	4.2	4.7	11.2	3.2	8.6
Punjab Conware CFS, Navi Mumbai	2.0	-	5.3	4.0	9.0
Sarveshwar CFS	4.5	4.6	6.9	7.5	8.9
SBW Logistics CFS, Navi Mumbai	9.1	6.3	7.4	7.9	10.1
Seabird CFS, Navi Mumbai	7.3	4.8	6.0	6.4	7.8
Speedy Multimode CFS, JNPT	2.5	5.0	3.5	3.3	7.0
Take Care Logistics CFS	3.9	5.6	5.8	9.0	9.4
Transworld Terminals CFS,Mumbai	1.5	3.4	3.1	3.2	6.0
Vaishno Logistics CFS, Navi Mumbai	3.2	6.1	9.2	4.6	9.2

JNPA Region: Cluster Analysis

Based on container movement between port and CFS in Mumbai region, all the CFSs have been grouped into 8 Clusters on the basis of their vicinity.

Below tables show all the clusters and the relevant data for GTI and NSFT terminals

CFS Cluster : GTI Terminal

GTI terminal for month of Feb'25

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	5.0
Cluster 2	6	13	2.4	5.8
Cluster 3	6	11	3.5	5.2
Cluster 4	1	13	3.1	6.2
Cluster 5	2	25	2.9	2.8
Cluster 6	6	25	2.7	4.2
Cluster 7	4	12	2.7	3.9
Cluster 8	1	34	5.1	6.3

CFS Cluster : NSFT Terminal

NSFT terminal for month of Feb'25

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	2.7
Cluster 2	6	13	2.3	3.2
Cluster 3	6	11	2.5	5.2
Cluster 4	1	13	3.7	3.2
Cluster 5	2	25	2.4	3.2
Cluster 6	6	25	2.3	4.0
Cluster 7	4	12	2.7	3.2
Cluster 8	1	34	4.3	9.1

JNPA Region: Cluster Analysis

Based on container movement between port and CFS in Mumbai region, all the CFSs have been grouped into 8 Clusters on the basis of their vicinity.

Below tables show all the clusters and the relevant data for NSICT, NSIGT and BMCT terminals

CFS Cluster : NSICT Terminal

NSICT terminal for month of Feb'25				
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	2.2	3.5
Cluster 2	6	13	2.9	8.5
Cluster 3	6	11	3.4	5.8
Cluster 4	1	13	3.2	9.2
Cluster 5	2	25	3.9	5.5
Cluster 6	6	25	3.0	6.7
Cluster 7	4	12	2.8	6.3
Cluster 8	1	34	5.4	7.4

CFS Cluster : NSIGT Terminal

NSIGT terminal for month of Feb'25				
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	2.0	4.4
Cluster 3	6	11	2.5	5.1
Cluster 4	1	13	2.4	4.5
Cluster 5	2	25	3.1	4.6
Cluster 6	6	25	2.6	4.6
Cluster 7	4	12	2.4	4.3
Cluster 8	1	34	5.6	7.8

CFS Cluster : BMCT Terminal

BMCT terminal for month of Feb'25				
Clusters	No. of CFS's in Cluster	Distance from Port (Km)	Import cycle time (in Hrs)	Export cycle time (in Hrs)
Cluster 1	1	8	1.7	7.1
Cluster 2	6	13	2.0	8.2
Cluster 3	6	11	3.2	7.9
Cluster 4	1	13	2.6	9.3
Cluster 5	2	25	3.4	8.3
Cluster 6	6	25	2.6	9.6
Cluster 7	4	12	2.1	8.1
Cluster 8	1	34	3.9	10.1

JNPA Region: Destination-wise Dwell Time- Import

The below table depicts 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 Feb'25

City	BMCT	GTI	NSFT	NSIGT	NSICT	Overall
Agra	70.5	77.7	-	69.0	-	69.1
Ankaleshwar	57.3	43.1	50.1	27.1	-	52.1
Banglore (KT)	-	-	93.2	-	-	93.2
Dadri	62.6	-	87.8	107.4	64.2	68.7
Daulatabad	144.3	-	84.4	112.9	-	121.7
Faridabad	145.2	126.6	68.2	51.8	31.3	126.1
Indore	30.7	-	112.1	57.3	80.9	73.7
Jaipur	89.9	65.1	-	-	-	65.1
Kanpur	96.9	99.6	75.5	53.6	103.8	87.8
Khatuwas	109.7	42.6	-	-	-	43.2
Khodiyar	104.3	31.8	173.3	134.2	112.6	37.3
Ludhiana	105.7	47.2	-	-	158.4	62.5
Moradabad	93.3	54.5	-	38.7	86.8	59.4
Nagpur	43.3	-	74.2	61.5	59.9	49.3
Navi Mumbai	36.0	23.1	28.3	28.7	-	29.6
Sanatnagar	69.2	-	63.4	97.6	-	73.5
Tughlakabad	76.6	-	105.1	114.0	91.1	80.7

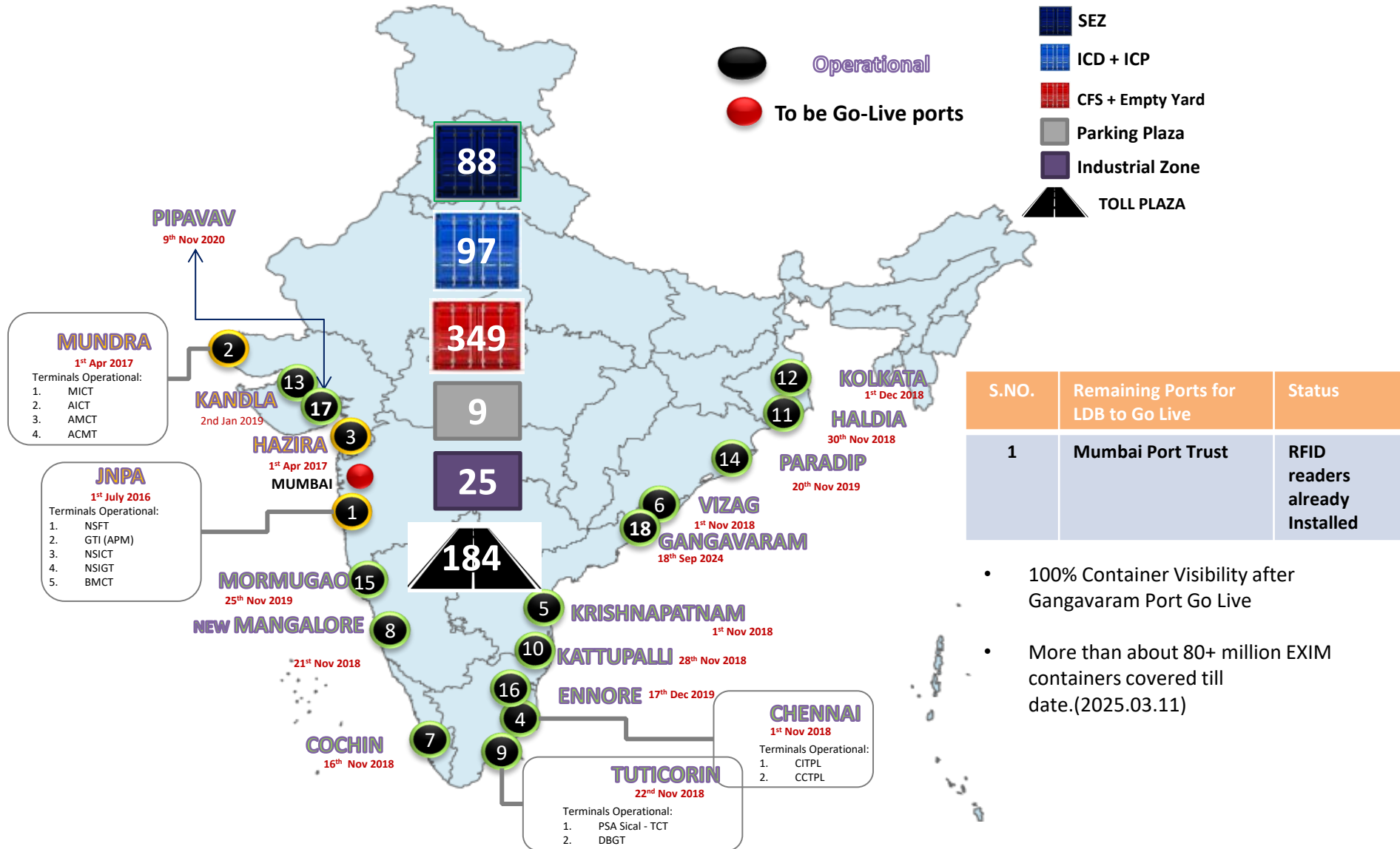
JNPA Region: Destination-wise Dwell Time- Import

The below table depicts 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 Feb'25

CFS	BMCT	GTI	NSFT	NSIGT	NSICT	Overall
AllCargo Logistics	18.6	-	-	21.4	19.5	19.5
Ameya Logistics CFS, Navi Mumbai	17.0	-	15.7	23.3	21.0	18.7
APM (Maersk India) CFS, Navi Mumbai	41.0	25.0	12.8	31.6	39.3	32.8
Apollo Logisolutions CFS, Panvel	10.9	15.6	20.3	19.9	17.0	14.0
Ashte Logistics CFS, Panvel	13.0	16.0	-	16.7	21.4	15.9
Balmer & Lawrie CFS, Navi Mumbai	18.9	20.5	16.8	20.4	19.1	19.4
Continental Warehousing CFS, Navi Mumbai	25.2	15.9	16.1	16.2	-	17.8
CWC Impex Park	12.4	16.3	13.7	20.7	17.8	16.0
Dronagiri Rail Terminal CFS, Navi Mumbai	13.2	16.4	12.5	18.4	-	15.2
EFC Logistics	14.8	17.2	16.9	24.5	19.9	17.5
Gateway Distriparks CFS, Navi Mumbai	14.5	19.9	13.0	23.6	20.8	17.8
International Cargo Terminals (ULA) CFS, Navi Mumbai	-	-	-	17.7	19.9	18.5
JWC Logistics Park CFS	22.8	25.2	30.8	23.3	21.4	24.1
Kerry Indev Logistics Pvt Ltd CFS	-	-	12.9	22.8	22.7	17.3
Maharashtra State Corp CFS	14.8	13.8	18.3	30.3	33.4	24.4
Navkar Corporation	14.2	22.9	20.8	19.0	19.4	19.2
Ocean Gate CFS, Panvel	14.6	15.9	12.2	23.5	26.7	16.4
Sarveshwar Logistics	13.6	13.7	-	18.5	16.6	15.0
Seabird CFS, Navi Mumbai	15.7	-	14.7	26.8	26.6	19.6
Speedy Multimode CFS, JNPT	14.9	-	-	17.9	23.0	17.5
Take Care Logistics	14.4	-	-	-	24.2	16.4
TG Terminals	15.9	-	17.0	23.4	19.5	18.5
Vaishno Logistics CFS, Navi Mumbai	21.0	24.5	26.8	28.2	21.6	23.4

LDB Operations Snapshot (1/2)



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 8

SBW

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

List of CFS names used in the Western CFS Performance Index

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

Methodology

Step 1

CFSs are divided into clusters based on their vicinity

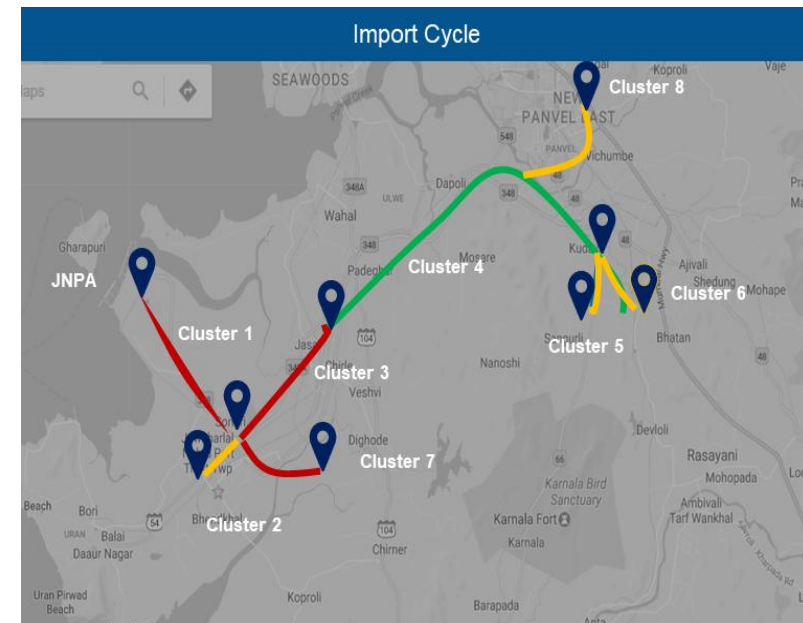
Step 2

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 Analysis

Congestion Level ■ High ■ Medium ■ Low



THANK YOU