



Logistics Data Bank (LDB) Analytics Report – JNPA

September 2025



1. Overall Analysis

- Executive Summary
- Port Dwell Time Performance & Benchmarking
- Container Count (No. of boxes) & Container Volume (TEUs)
- JNPA Port Performance
- CFS/ICD Performance Benchmarking

2. Import Cycle Analysis

- Dwell Time Performance
- Congestion Analysis
- Container Movement Heat Map via Train and Truck
- Toll Plaza Analysis

3. Export Cycle Analysis

- Dwell Time Performance
- Congestion Analysis
- Container Movement Heat Map via Train

4. CFS and ICD Performance

5. Trend Analysis

6. Weather Analysis

7. Annexure

Overall Analysis

Terminal wise Dwell Time Performance – Snapshot

Import Cycle			Export Cycle		
Port Terminals	Sep'25 (in hrs)	Aug'25 (in hrs)	Port Terminals	Sep'25 (in hrs)	Aug'25 (in hrs)
NSFT	44.3	25.9	NSFT	71.2	76.8
NSICT	55.1	38.2	NSICT	61.2	59.0
GTI	33.9	20.8	GTI	73.6	80.7
NSIGT	45.1	32.1	NSIGT	75.7	88.7
BMCT	44.8	26.1	BMCT	74.2	83.3
NSDT	56.7	21.1	NSDT	52.1	171.5

Critical Incident Summary Jawaharlal Nehru Port Authority

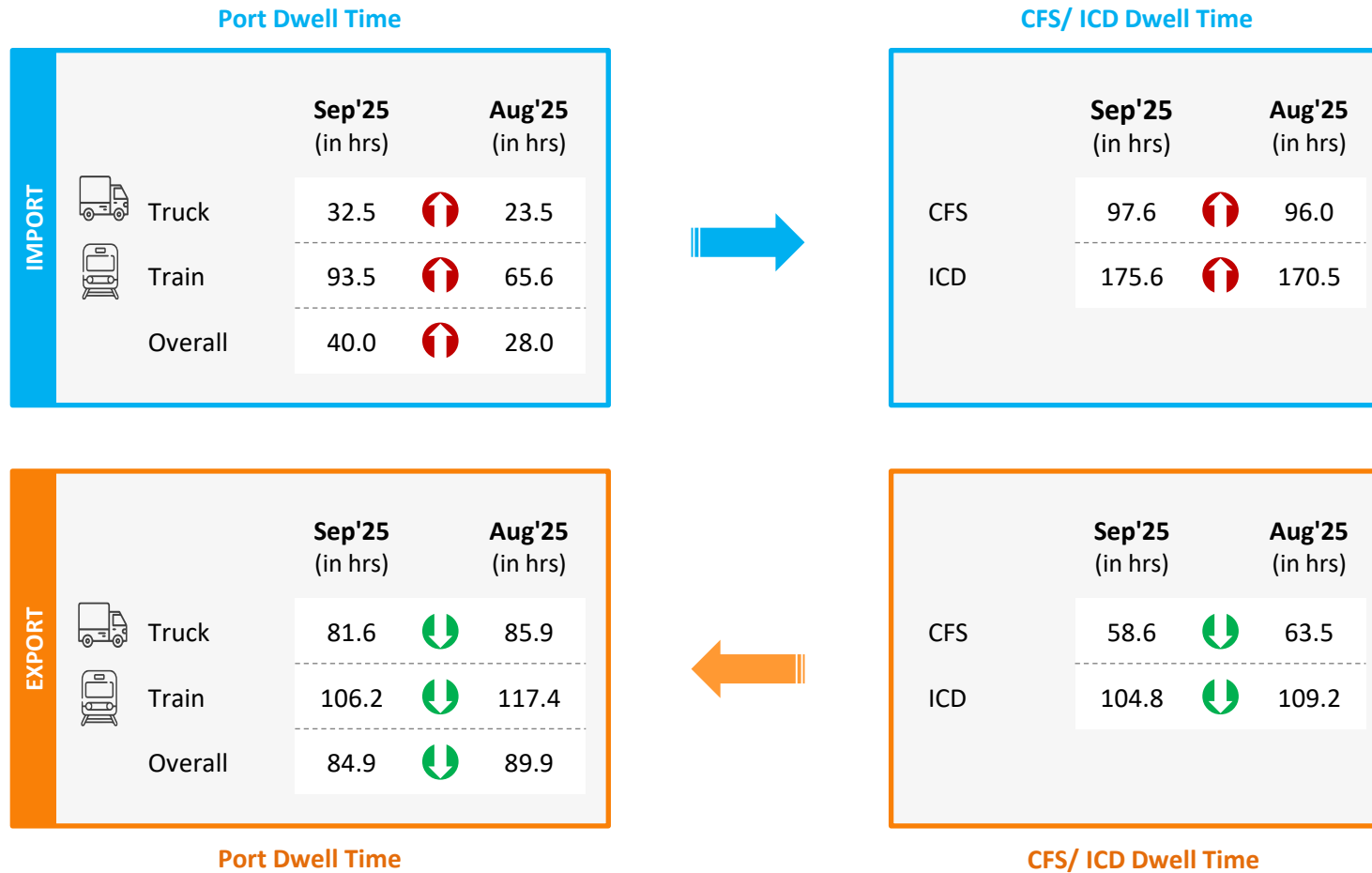
- Overall container handling performance (Port Dwell Time) has declined in import cycle and has improved in export cycle. CFS dwell Time performance has declined import cycle and has improved in export cycle. ICD dwell performance has declined in import cycle and has improved in export cycle.

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
Sep'25	43.2 hrs 	71.5 hrs 	93.1 hrs 	58.0 hrs 	175.6 hrs 	104.8 hrs 
Aug'25	26.8 hrs ^{61.2%}	78.0 hrs ^{8.3%}	91.8 hrs ^{1.4%}	62.7 hrs ^{7.5%}	170.5 hrs ^{3.0%}	109.2 hrs ^{4.0%}

  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)
N	NSDT Terminal

X-Axis: Dwell Time

Threshold value (in hours): 67.4

Y-Axis: No. of Boxes

Threshold value (no. of boxes): 55,053

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 ★★ ★★

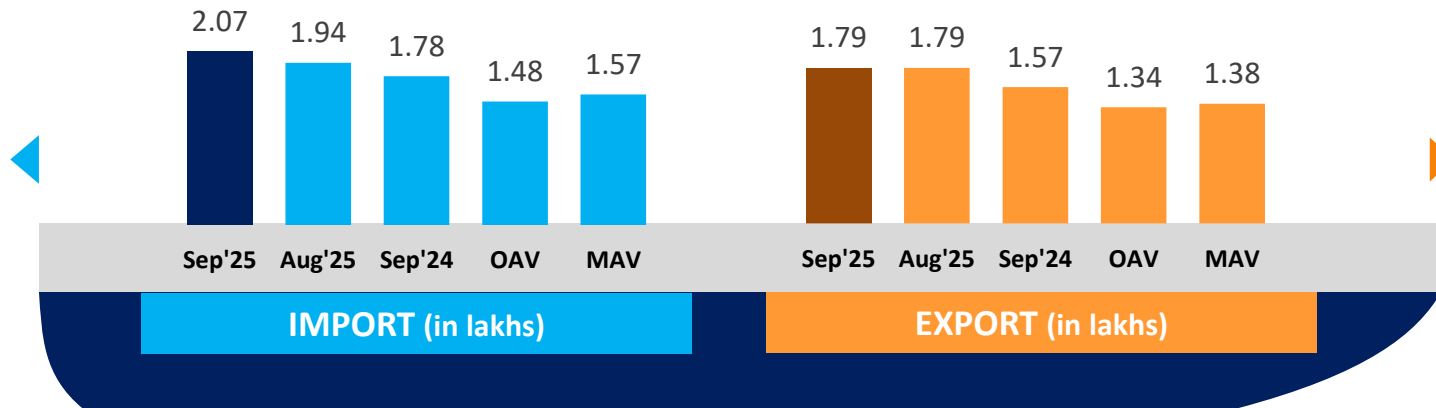
Entities with high container count and high dwell time

Needs Improvement ★

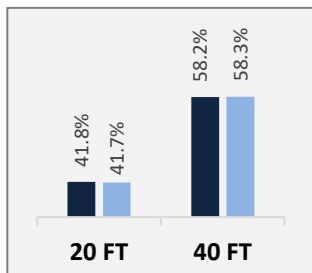
Entities with low container count and high dwell time

Container Count (No. of boxes): JNPA Port Terminals

Jawaharlal Nehru Port Authority

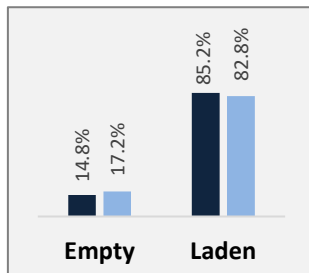


Container
Size-wise (Import)

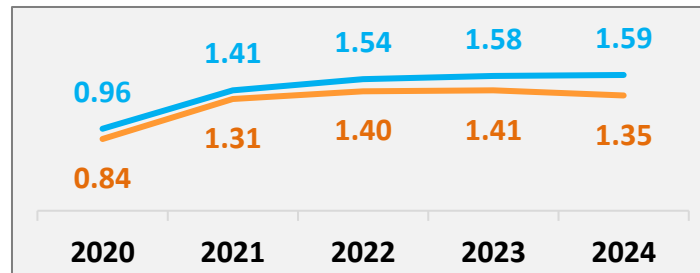


■ Sep'25 ■ Aug'25

Container
Type-wise (Import)

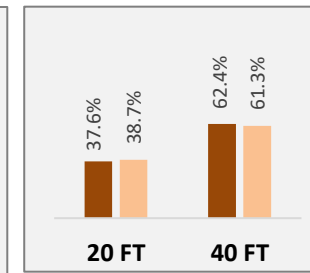


Container Count - Annual Average
(in lakhs/ month)



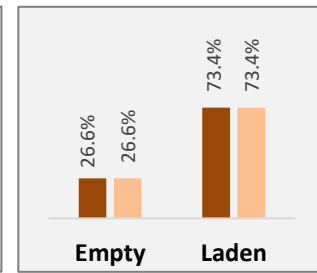
■ IMPORT ■ EXPORT

Container
Size-wise (Export)



■ Sep'25 ■ Aug'25

Container
Type-wise (Export)

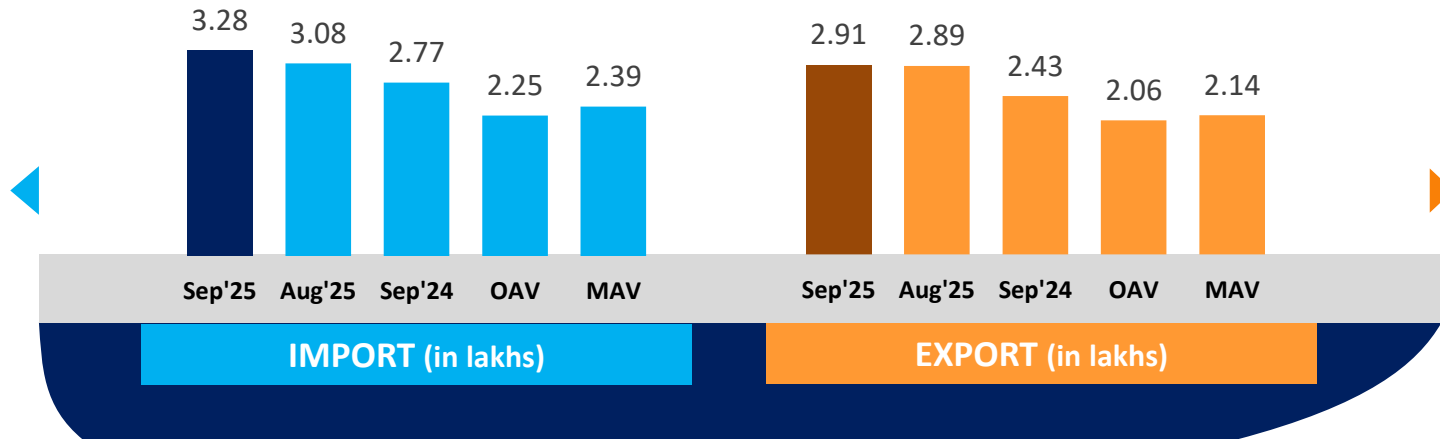


OAV – Overall Avg Volume
MAV – Monthly Avg Volume

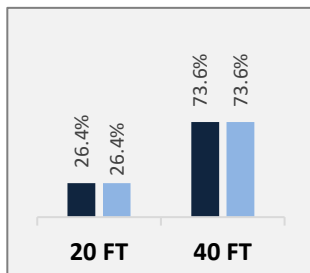
Note: All above figures are in no. of boxes

Container Volume (TEUs): JNPA Port Terminals

Jawaharlal Nehru Port Authority

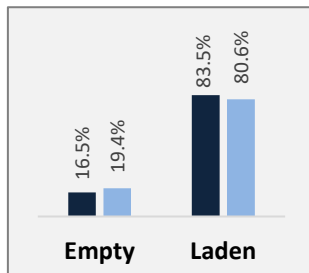


Container
Size-wise (Import)

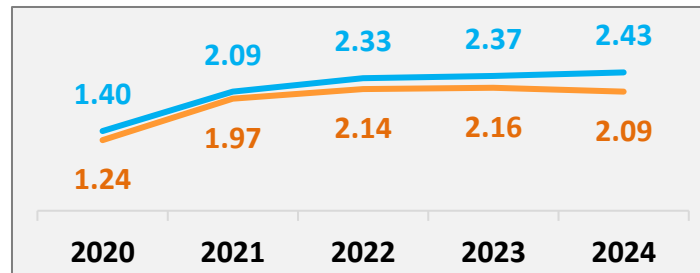


■ Sep'25 ■ Aug'25

Container
Type-wise (Import)

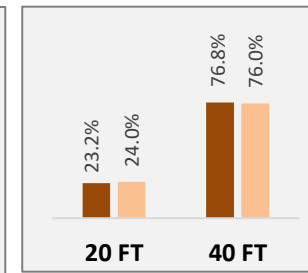


Container Volume (TEUs) - Annual Average
(in lakhs/ month)



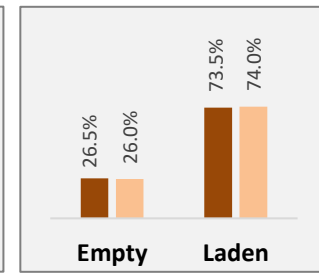
■ IMPORT ■ EXPORT

Container
Size-wise (Export)



■ Sep'25 ■ Aug'25

Container
Type-wise (Export)

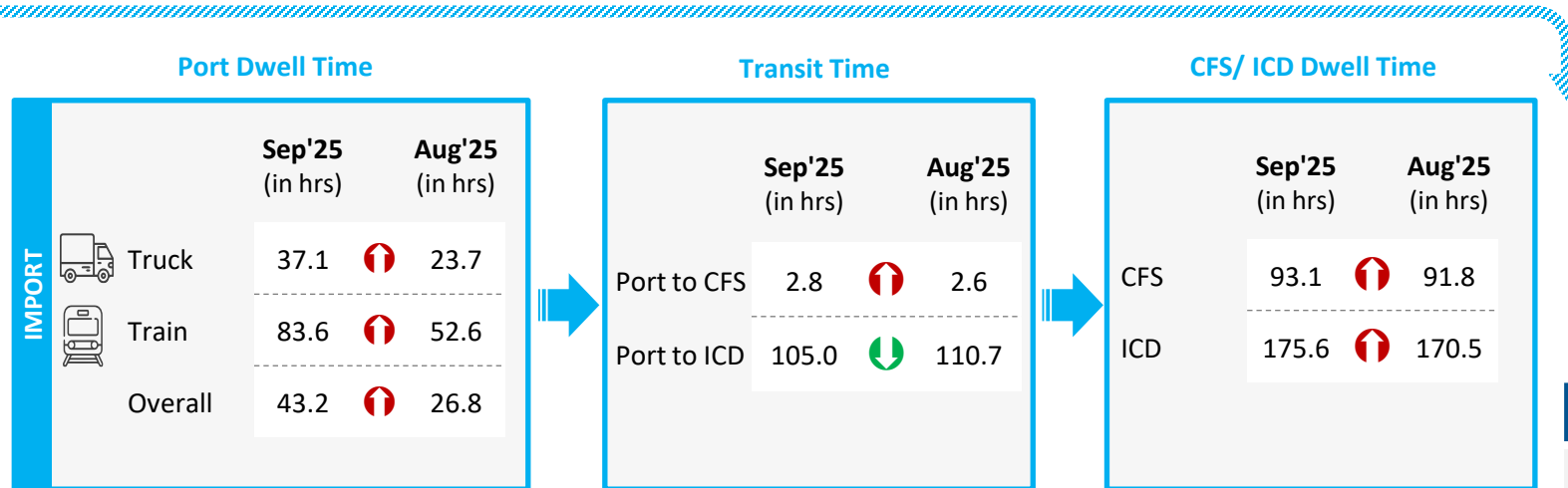


OAV – Overall Avg Volume
MAV – Monthly Avg Volume

Note: All above figures are in TEUs

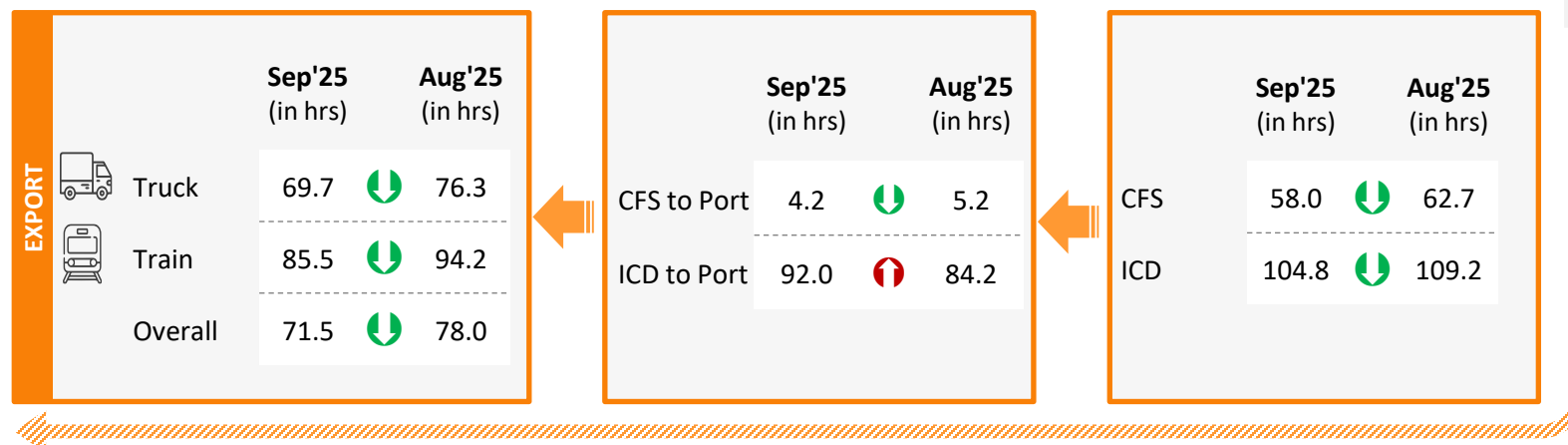
Container Transportation: JNPA Port Terminals

Container Lifecycle (Import Cycle)



Volume distribution at port terminal – Truck/Train

	Truck	Train
Import	84%	16%
Export	81%	19%



Container Lifecycle (Export Cycle)

Indicates decrease/ increase in time from last month

Container Transportation: JNPA Port Terminals

Import Cycle	Particulars		Sep'25 (in hrs)	Aug'25 (in hrs)
	Dwell Time	Overall Dwell Time	43.2	26.8
		Truck Bound Containers	37.1	23.7
		Train Bound Containers	83.6	52.6
		Direct Port Delivery (DPD) containers	41.3	24.6
		Containers bound for CFS	43.3	23.0
		Empty Containers	47.1	41.3
		Laden Containers	42.4	24.3
	Transit Time	Port to ICD	105.0	110.7
		Port to CFS	2.8	2.6
Export Cycle	Particulars		Sep'25 (in hrs)	Aug'25 (in hrs)
	Dwell Time	Overall Dwell Time	71.5	78.0
		Truck Bound Containers	69.7	76.3
		Train Bound Containers	85.5	94.2
		Direct Port Entry (DPE) containers	70.8	75.2
		Containers bound from CFS	65.5	75.9
		Empty Containers	69.6	75.4
		Laden Containers	72.1	79.5
	Transit Time	ICD to Port	92.0	84.2
		CFS to Port	4.2	5.2

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	Sep'25 (in hrs)	Aug'25 (in hrs)
Gate in - Gate Out	5.4	5.8

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

	Within 2 hrs	2-4 hrs	4-8 hrs	8-16 hrs	16-24 hrs	More than 24 hrs
Parking Plaza Dwell Time	12%	24%	33%	22%	5%	4%

Parking Plaza to JNPA Port	Sep'25 (in hrs)	Aug'25 (in hrs)
Gate Out – Terminal In	2.1	2.4

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

Parking Plaza to Port Terminal	Within 1 hrs	1-2 hrs	2-3 hrs	3-4 hrs	4-5 hrs	More than 5 hrs
NSFT	44%	29%	11%	6%	3%	7%
NSICT	6%	14%	18%	18%	14%	30%
GTI	28%	34%	25%	7%	2%	4%
NSIGT	47%	20%	15%	9%	4%	5%
BMCT	4%	17%	14%	13%	14%	38%
NSDT	24%	22%	32%	4%	2%	16%

Port Terminal	Sep'25 (in hrs)	Aug'25 (in hrs)
NSFT	1.2	1.3
NSICT	3.7	5.2
GTI	1.7	1.0
NSIGT	1.1	1.8
BMCT	4.1	4.5
NSDT	2.0	-

CFS/ICD Performance Benchmarking & Performance Index

CFS: Western Corridor

Performance Benchmarking

ICD: PAN India

Top Performing CFS

Top Performing ICD

CWC Conex Terminal CFS

Dronagiri Rail Terminal CFS, Navi Mumbai

High Potential CFS

Low Performing CFS

High Potential ICD

Low Performing ICD

Maersk Annex (APM)CFS, Navi Mumbai

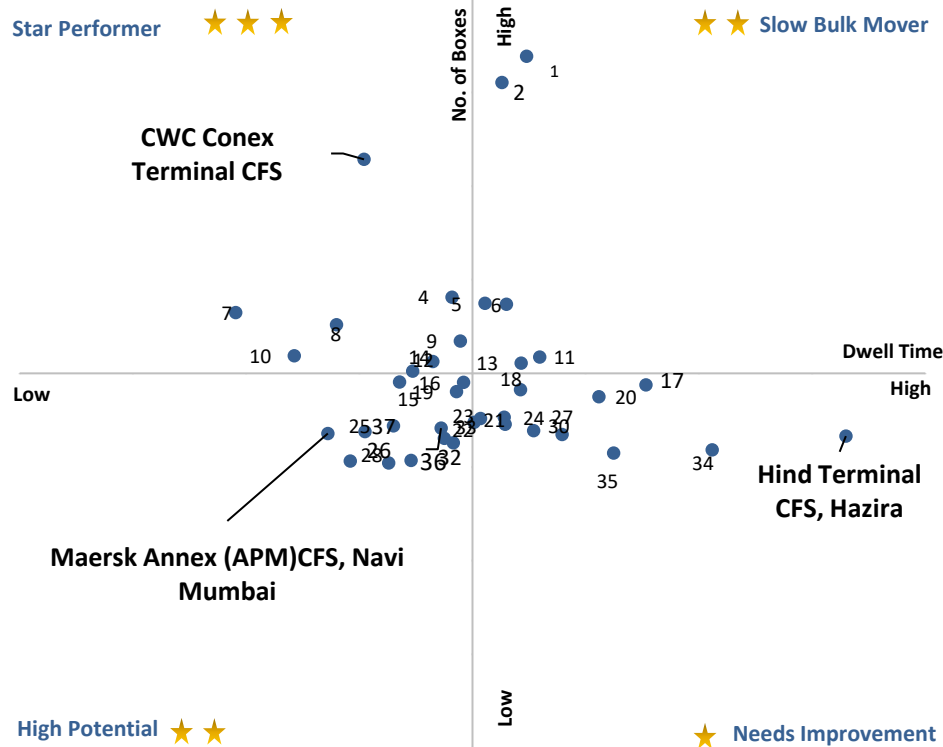
Hind Terminal CFS, Hazira

Hind Terminals Logistics Park ICD, Palwal

MMLP TIHI

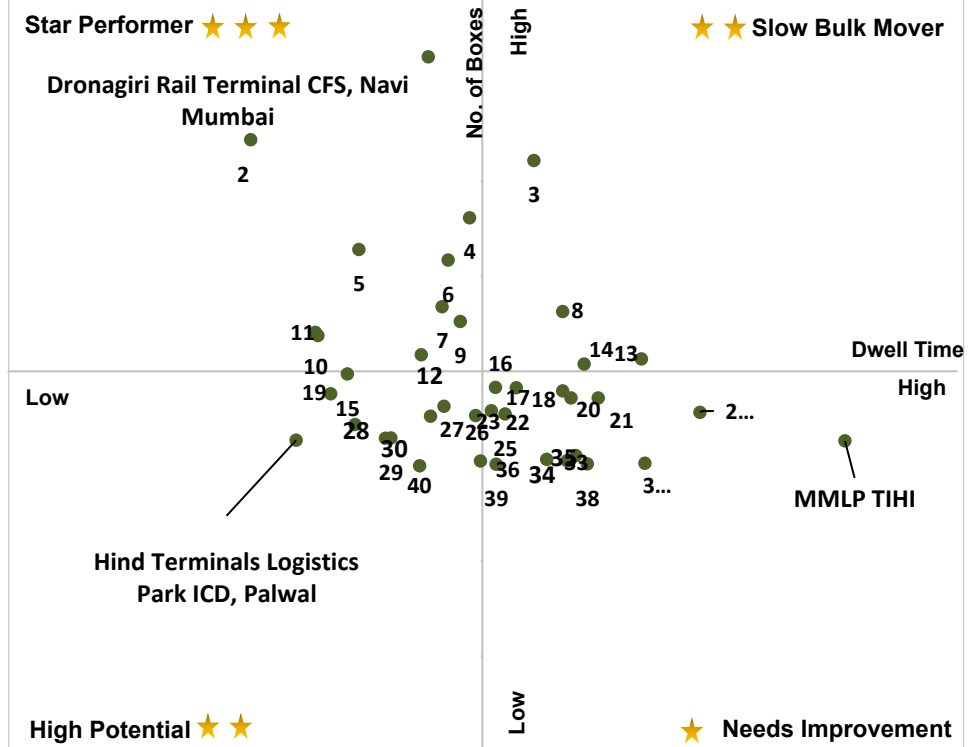
Performance Index – Sep'25

Performance Index – Sep'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 (16% 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 Terminals	Sep'25 (in hrs)	Aug'25 (in hrs)
NSFT	93.5	55.2
NSICT	76.4	52.6
GTI	74.1	48.8
NSIGT	79.9	60.8
BMCT	93.4	52.7
NSDT	-	-

Container Handled: Hour-wise (Sep'25)

Port Terminals	Within 0-24 hrs	24-48 hrs	48-72 hrs	72-96 hrs	96-144 hrs	More than 144 hrs
NSFT	2%	18%	15%	18%	20%	27%
NSICT	7%	19%	19%	13%	19%	23%
GTI	9%	19%	21%	19%	16%	16%
NSIGT	8%	17%	18%	16%	16%	25%
BMCT	8%	12%	15%	17%	24%	24%
NSDT	-	-	-	-	-	-

PORT IMPORT via TRUCK (84% 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 Terminals	Sep'25 (in hrs)	Aug'25 (in hrs)
NSFT	36.8	22.1
NSICT	52.2	35.6
GTI	28.4	18.4
NSIGT	41.2	29.3
BMCT	37.1	22.5
NSDT	56.7	21.1

Container Handled: Hour-wise (Sep'25)

Port Terminals	Within 0-24 hrs	24-48 hrs	48-72 hrs	72-96 hrs	96-144 hrs	More than 144 hrs
NSFT	31%	31%	16%	9%	9%	4%
NSICT	21%	25%	16%	12%	14%	12%
GTI	43%	26%	14%	6%	6%	5%
NSIGT	26%	31%	17%	11%	10%	5%
BMCT	36%	23%	14%	10%	10%	7%
NSDT	8%	32%	16%	11%	28%	5%

JNPA Port Terminal: Dwell Time Performance (Import Cycle)

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

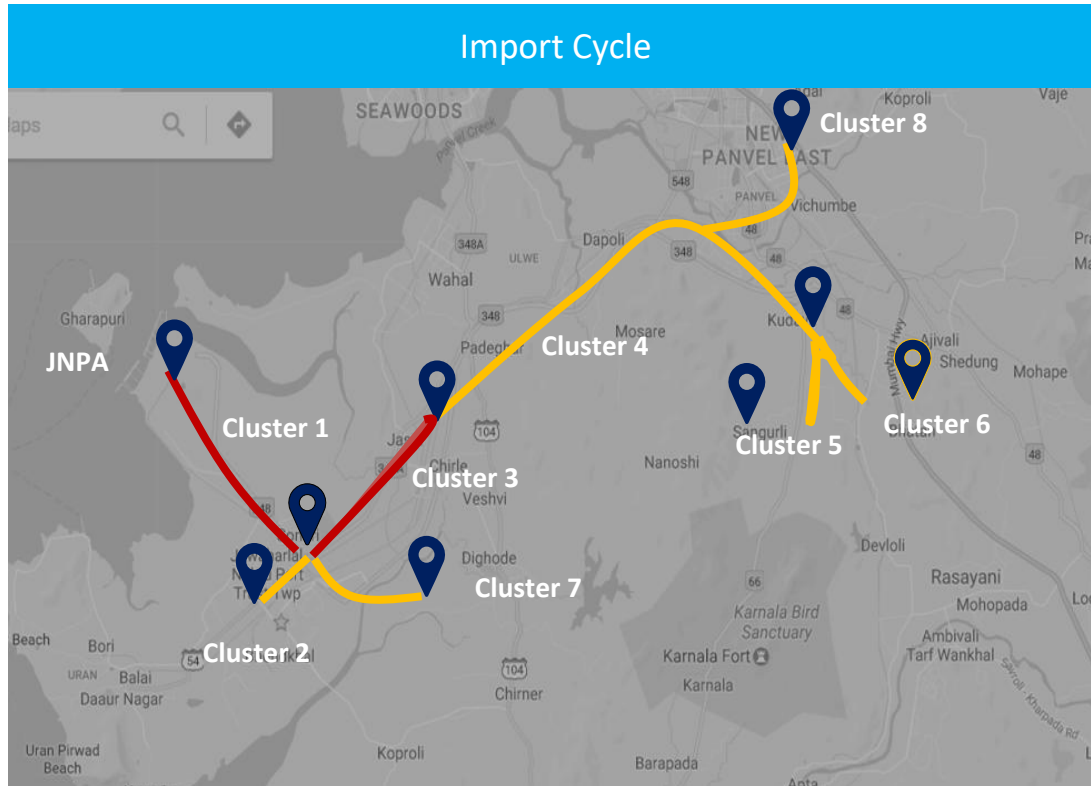
Port Dwell Time (in Hours) - Based on Transit Type

Port Terminals	Direct Port Delivery (DPD) Containers-Truck	Containers bound for CFS	Empty Containers	Laden Containers
NSFT	20.5	36.6	47.8	42.6
NSICT	50.7	67.8	50.4	56.4
GTI	32.9	31.7	42.7	33.1
NSIGT	52.3	49.5	47.5	44.7
BMCT	27.4	45.1	46.0	44.5
NSDT	-	39.0	-	56.7

Note: Direct Port Delivery (DPD) via train doesn't occur currently

JNPA Region: Congestion Analysis (Import Cycle)

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



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	JNPA Area	1	8.04%	High
Cluster 2	Bhendkhal Area, Khopate Road	6	37.43%	Medium
Cluster 3	Sonari Area, JNPA Road	2	14.82%	High
Cluster 4	Chirle Area, JNPA Road	1	0.33%	Medium
Cluster 5	Plaspa Area, Coach Kanyakumari Highway	2	11.30%	Medium
Cluster 6	Salva Apta Road Area, Bangalore Highway	5	17.15%	Medium
Cluster 7	Patilpada Area, Khopate JNPA Road	3	10.33%	Medium
Cluster 8	Taloja, Navi Mumbai	1	0.60%	Medium

Congestion Level ■ High ■ Medium ■ Low

JNPA Region Import Cycle: Container Movement

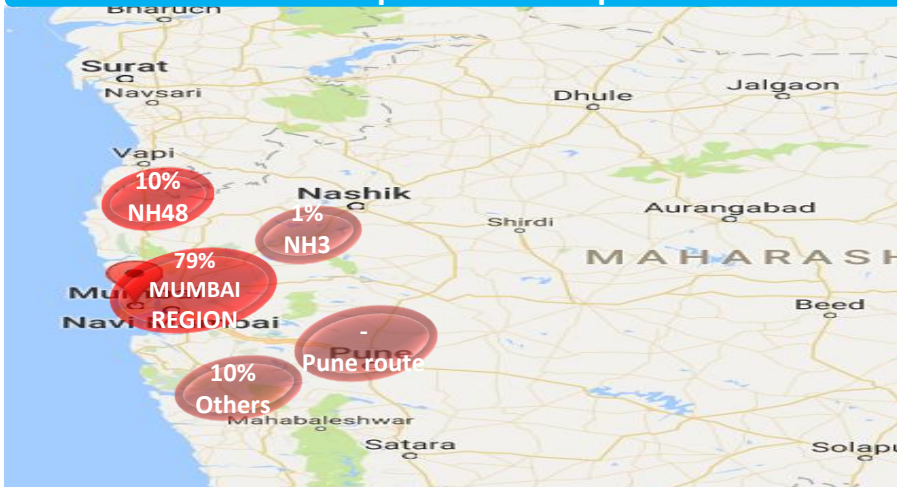
Truck

HEAT MAP : OVERALL MUMBAI REGION

Region	Sep'25
Mumbai region	79%
NH3	1%
Pune	-
NH48	10%
Others	10%

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

Heat Map via Truck: Sep'25



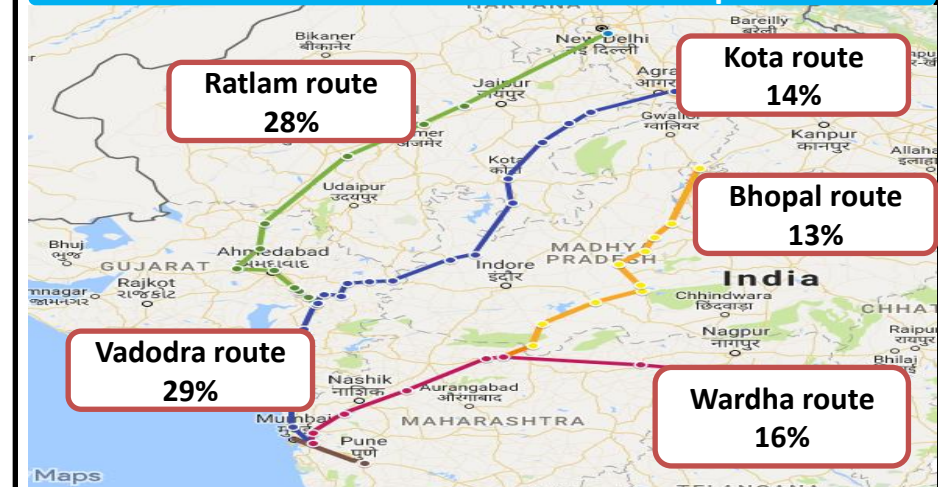
Train

VOLUME WISE CONTAINER MOVEMENT

Region	Sep'25
Vadodra Route	29%
Ratlam Route	28%
Wardha Route	16%
Kota Route	14%
Bhopal Route	13%

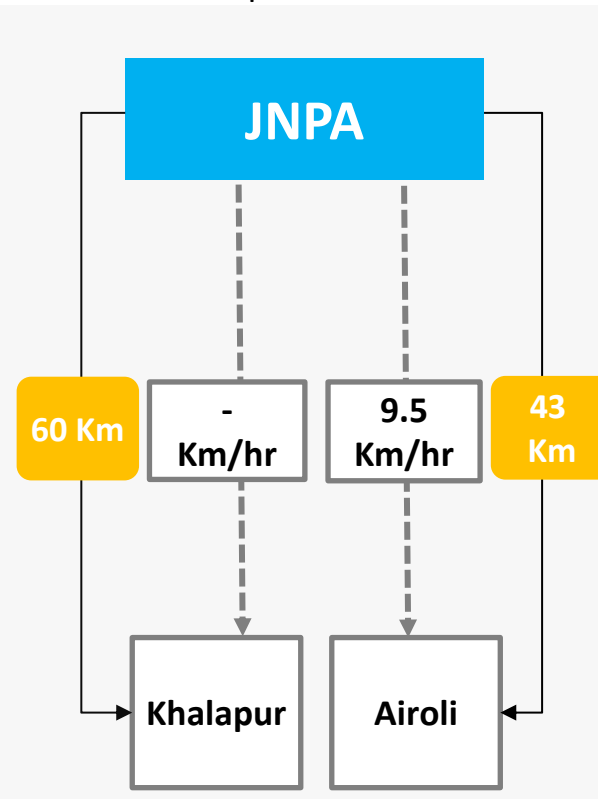
The map depicts the volume wise container movement through different railway routes in import cycle

Container movement via Train: Sep'25



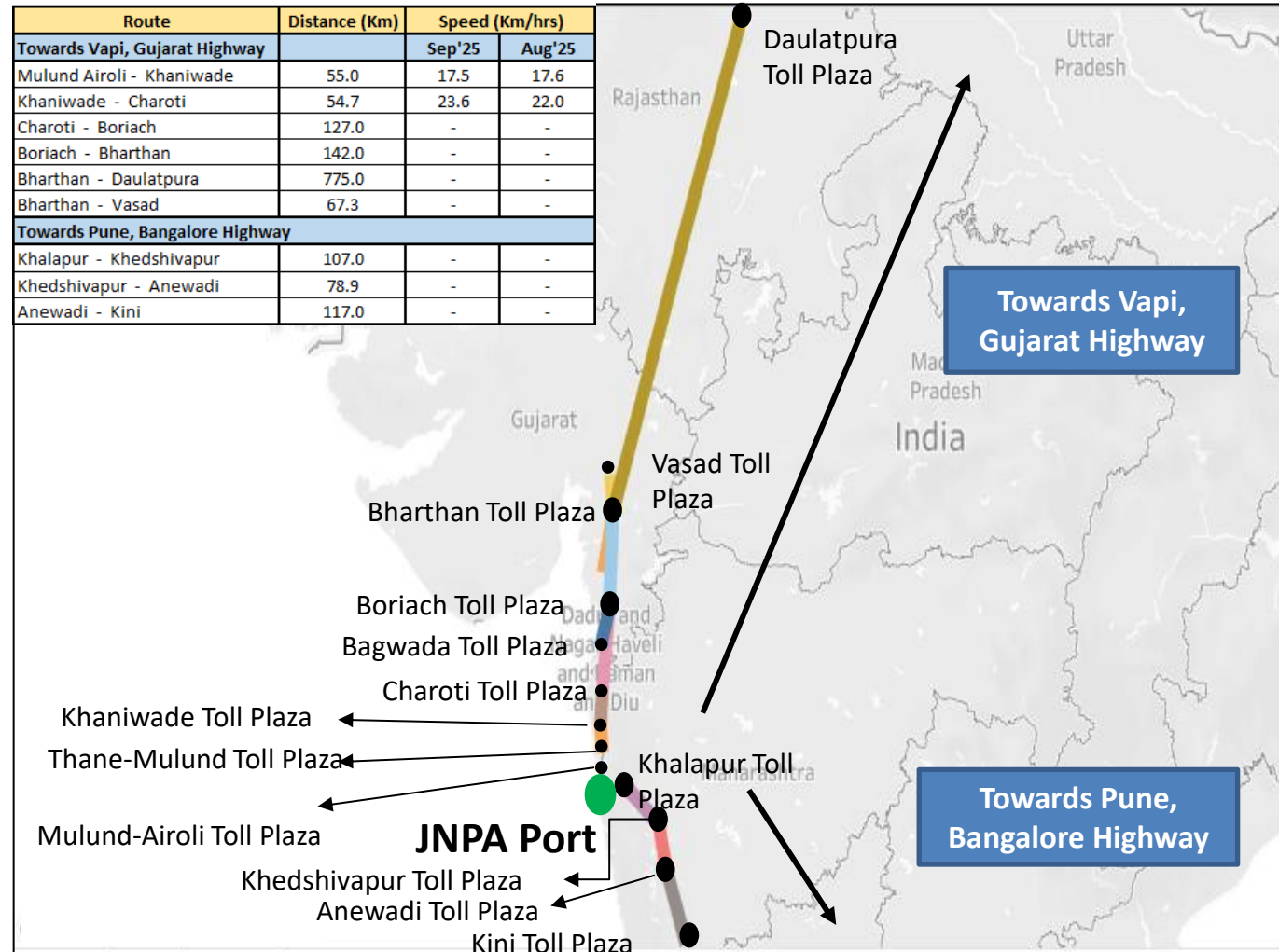
Western Corridor Toll Plaza Analysis

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



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

Route	Distance (Km)	Speed (Km/hrs)	
Towards Vapi, Gujarat Highway		Sep'25	Aug'25
Mulund Airoli - Khaniwade	55.0	17.5	17.6
Khaniwade - Charoti	54.7	23.6	22.0
Charoti - Boriach	127.0	-	-
Boriach - Bharthan	142.0	-	-
Bharthan - Daulatpura	775.0	-	-
Bharthan - Vasad	67.3	-	-
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 Terminals	Sep'25 (in hrs)	Aug'25 (in hrs)
NSFT	93.0	129.2
NSICT	31.8	20.5
GTI	95.3	107.5
NSIGT	89.0	111.0
BMCT	109.9	118.3
NSDT	-	-

Container Handled: Hour-wise (Sep'25)

Port Terminals	Within 0-24 hrs	24-48 hrs	48-72 hrs	72-96 hrs	96-144 hrs	More than 144 hrs
NSFT	11%	11%	13%	16%	19%	30%
NSICT	46%	9%	9%	8%	17%	11%
GTI	2%	10%	20%	18%	27%	23%
NSIGT	3%	14%	22%	17%	25%	19%
BMCT	3%	10%	14%	15%	29%	29%
NSDT	-	-	-	-	-	-

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 Terminals	Sep'25 (in hrs)	Aug'25 (in hrs)
NSFT	68.3	73.4
NSICT	64.8	63.9
GTI	70.9	77.6
NSIGT	74.1	85.7
BMCT	70.0	79.5
NSDT	52.1	171.5

Container Handled: Hour-wise (Sep'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%	20%	24%	23%	18%	5%
NSICT	6%	23%	28%	24%	16%	3%
GTI	3%	19%	29%	27%	21%	1%
NSIGT	5%	17%	26%	23%	23%	6%
BMCT	6%	20%	26%	23%	22%	3%
NSDT	4%	31%	47%	13%	5%	-

JNPA Port Terminal: Dwell Time Performance (Export Cycle)

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

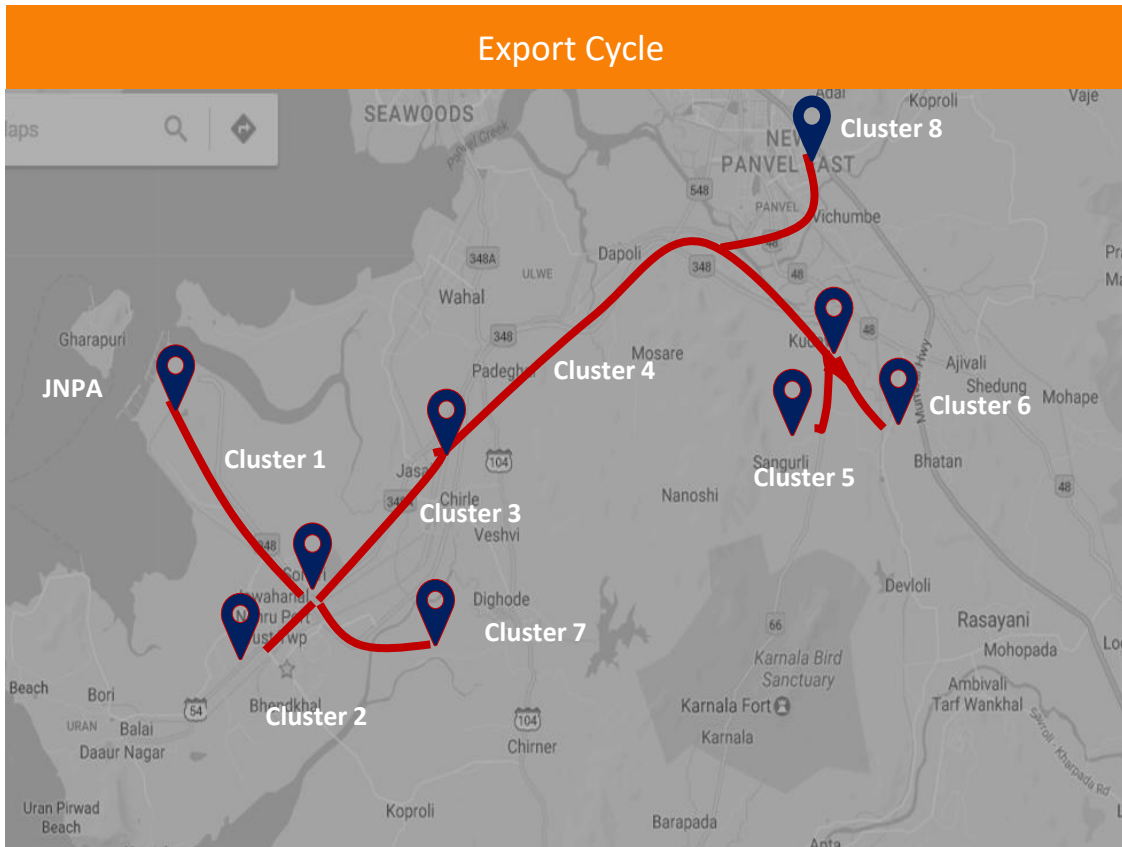
Port Dwell Time (in Hours) - Based on Transit Type

Port Terminals	Direct Port Entry (DPE) Containers-Truck	Containers bound from CFS	Empty Containers	Laden Containers
NSFT	75.5	65.2	74.5	70.9
NSICT	71.0	64.4	58.6	61.6
GTI	75.5	65.8	69.9	76.0
NSIGT	87.3	70.2	77.2	75.0
BMCT	29.6	63.9	68.6	78.0
NSDT	-	57.0	-	52.1

Note: Direct Port Entry (DPE) via train doesn't occur currently

JNPA Region: Congestion Analysis (Export Cycle)

The below map indicates congestion around JNPA region in Export Cycle in month of Sep'25



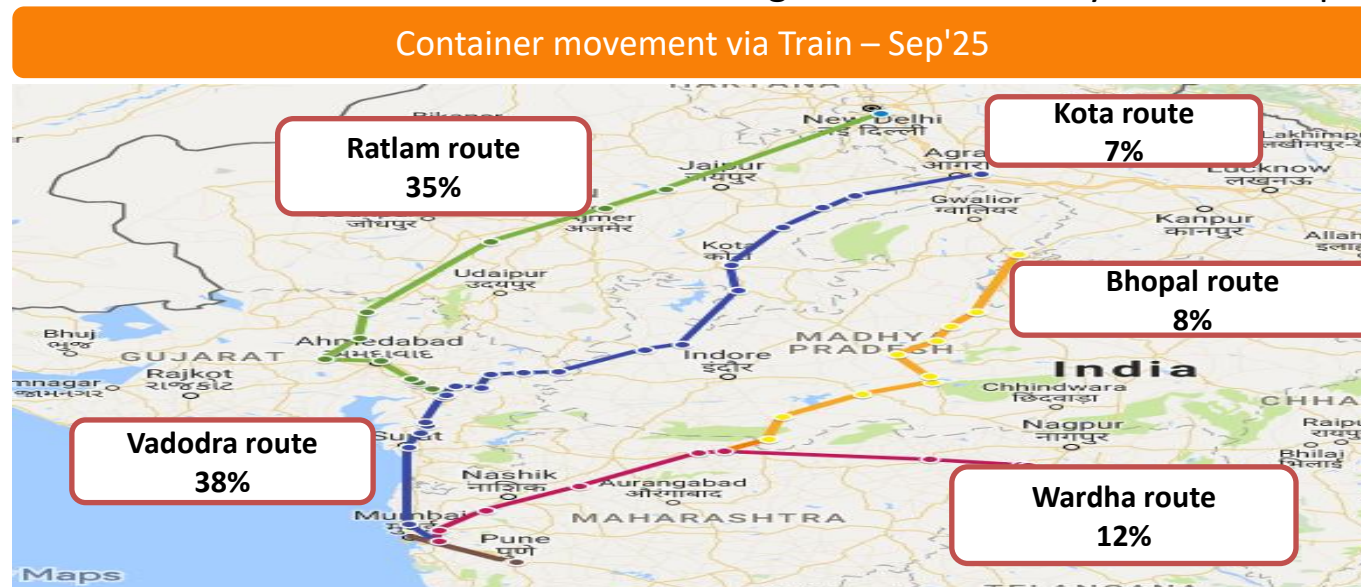
Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	JNPA Area	1	2.49%	High
Cluster 2	Bhendkhal Area, Khopate Road	6	25.92%	High
Cluster 3	Sonari Area, JNPA Road	2	18.31%	High
Cluster 4	Chirle Area, JNPA Road	1	2.74%	High
Cluster 5	Plaspa Area, Coach Kanyakumari Highway	2	14.12%	High
Cluster 6	Salva Apta Road Area, Bangalore Highway	5	23.26%	High
Cluster 7	Patilpada Area, Khopate JNPA Road	3	12.54%	High
Cluster 8	Taloja, Navi Mumbai	1	0.62%	High

Congestion Level ■ High ■ Medium ■ Low

JNPA Region: Container Movement via Train

JNPA Port	
Route	Percentage of Container Movement
Vadodra Route	38%
Ratlam Route	35%
Wardha Route	12%
Kota Route	7%
Bhopal Route	8%

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



CFS and ICD Performance

JNPA region CFS : CFS DWELL TIME ANALYSIS

Below tables show the dwell time of the respective CFSs for Sep'25 and Aug'25

CFS Dwell Time (in hrs.)					
CFS	Sep'25 (in hrs)	Aug'25 (in hrs)	CFS	Sep'25 (in hrs)	Aug'25 (in hrs)
AllCargo Logistics CFS, Mumbai	81.8	92.9	JWR CFS	60.5	60.4
Ameya Logistics CFS, Navi Mumbai	88.6	88.6	Kerry Indev Logistics CFS, Mumbai	83.3	81.9
APM (Maersk India) CFS, Navi Mumbai	107.7	99.6	Maersk Annex (APM)CFS, Navi Mumbai	72.5	100.2
Ashte Logistics CFS, Panvel	97.5	90.2	Maharashtra State Corp CFS	99.2	92.2
Balmer & Lawrie CFS, Navi Mumbai	95.4	100.6	Navkar Corporation Yard 1 CFS, Panvel	80.4	74.1
Continental Warehousing CFS, Navi Mumbai	87.6	85.6	Navkar Corporation Yard 2 CFS, Panvel	95.5	104.8
CWC Conex Terminal CFS	77.2	79.0	Navkar Corporation Yard 3 CFS, Panvel	89.2	86.4
CWC Dronagiri CFS, Navi Mumbai	73.6	72.6	Ocean Gate CFS, Panvel	92.3	103.4
CWC Impex Park CFS, Navi Mumbai	91.5	105.1	Punjab Conware CFS, Navi Mumbai	95.7	88.1
CWC Polaris logistics park	95.1	87.8	Sarveshwar CFS	87.2	91.3
EFC Logistics India	86.1	87.3	Seabird CFS, Navi Mumbai	68.1	73.4
Gateway Distriparks CFS, Navi Mumbai	92.9	92.3	Speedy Multimode CFS, JNPT	97.6	92.6
International Cargo Terminal CFS	83.5	81.0	Take Care Logistics CFS	109.6	125.6
International Cargo Terminals (ULA) CFS, Navi Mumbai	89.7	90.9	Transworld Terminals CFS, Mumbai	81.0	84.6
JWC Logistics Park CFS	90.1	91.7			

ICD Performance

Below tables show the dwell time of the respective ICDs for Sep'25 and Aug'25

ICD Dwell Time (in hrs.)

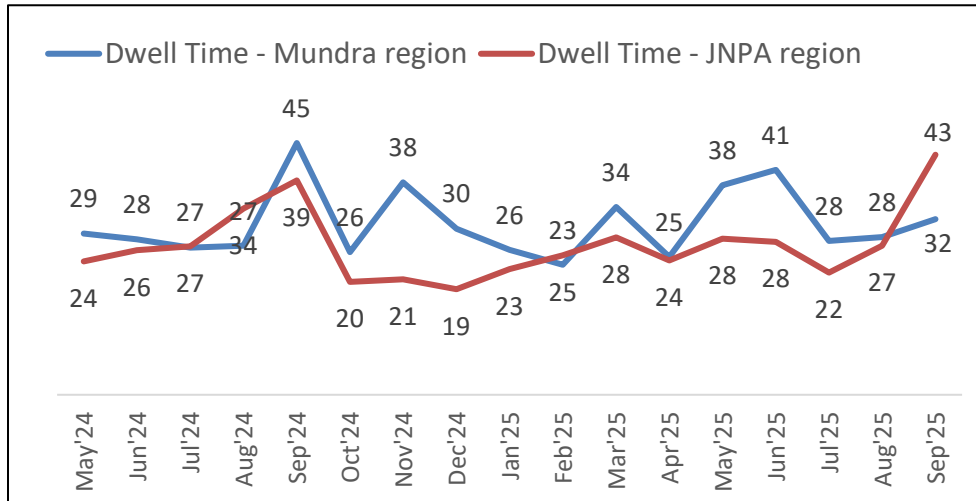
ICD	Sep'25 (in hrs)	Aug'25 (in hrs)	ICD	Sep'25 (in hrs)	Aug'25 (in hrs)
Adani ICD, Tumb	90.3	91.5	ICD Pali (KIPL)	117.0	99.8
Adani Logistics Park ICD, Gurgaon	144.1	124.4	ICD Sachana (CWC)	122.1	146.8
CFS VALLARPADAM	128.4	123.3	ICD SANATHNAGAR	113.9	120.0
CONCOR ICD, Dadri	63.9	57.3	ICD WHITEFIELD	135.7	146.1
CONCOR Kanakpura ICD, Jaipur	112.4	109.6	KLPL ICD, Kanpur	112.9	123.2
CONTAINER CORPORATION OF INDIA LTD - TONDIARPET (ICDTV-T)	80.3	85.2	Kribhco ICD, Meerut	162.9	167.8
Continental Warehousing Corporation Nhava Sheva Ltd ICD, Haryana	145.1	145.7	MMLP AHMEDGARH (PLIL)	146.3	169.3
Dronagiri Rail Terminal CFS, Navi Mumbai	108.9	100.2	MMLP BALLI	106.7	146.7
Gateway Rail Freight ICD, Pyala	126.1	-	MMLP BARHI	120.9	157.4
Gateway Rail ICD, Sahnewal	119.4	120.5	MMLP KHATUWAS	107.1	121.7
Hind Terminals Logistics Park ICD, Palwal	75.4	142.3	MMLP MIHAN	143.0	144.4
HTPL ICD Qilaraipur Ludhiana	152.0	181.9	MMLP PANTHNAGAR (SIDCUL-CONCOR)	163.8	108.6
ICD ANKLESHWAR	84.2	98.6	MMLP TIHI	214.5	203.0
ICD BGKT, JODHPUR	88.4	78.4	MMLP VARNAMA	177.8	197.1
ICD DAULATABAD	98.0	137.3	MMLP VISHAKAPATNAM	131.2	104.8
ICD DDL, LUDHIANA	80.9	68.7	Pegasus Inland Container Depot	138.9	154.8
ICD KANPUR	99.4	93.8	Pristine ICD Chawapail, Ludhiana	148.4	-
ICD KHODIYAR	91.3	97.6	The Thar Dry Port ICD Ahmedabad	143.0	163.7
ICD KIFTPL Kashipur	149.2	138.3	The Thar Dry Port Jodhpur	124.9	109.3
ICD MANDIDEEP	125.9	158.0	Vaishno Container Terminal-ICD Tarapur	109.5	85.2

Trend Analysis

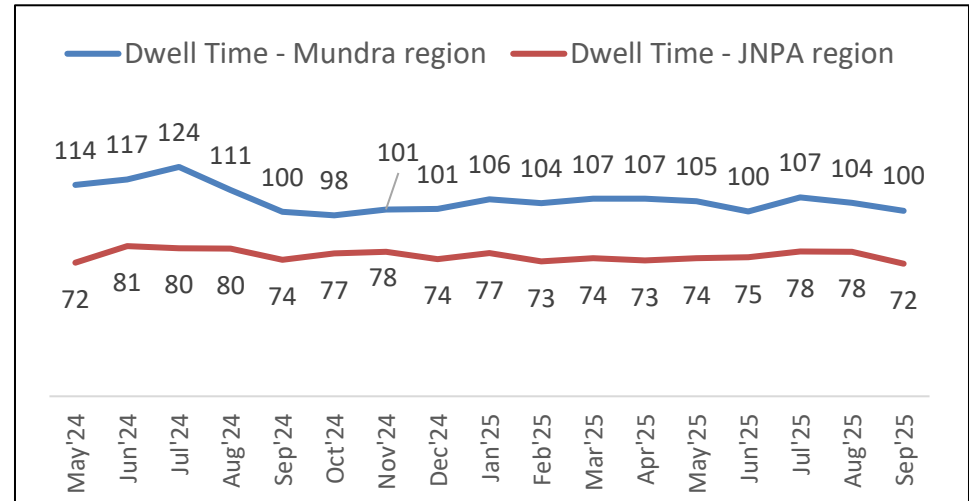
Western Corridor Port: Yearly Analysis

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

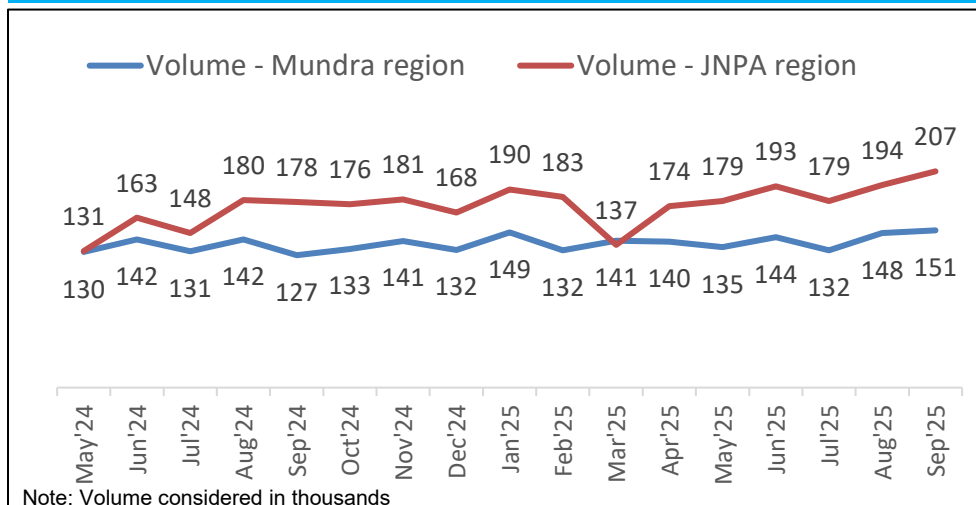
Import Dwell Time – Mundra Region Vs JNPA Region



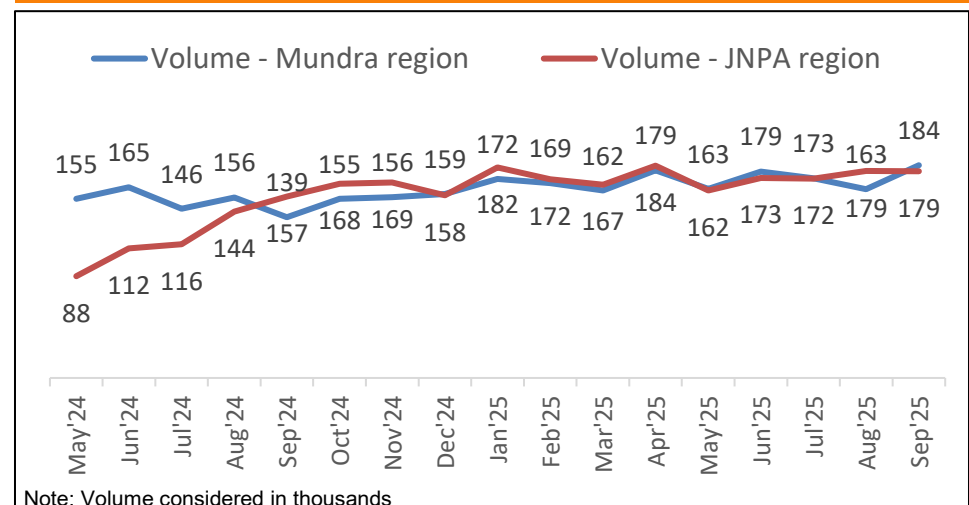
Export Dwell Time – Mundra Region Vs JNPA Region



Import Volume – Mundra Region Vs JNPA Region



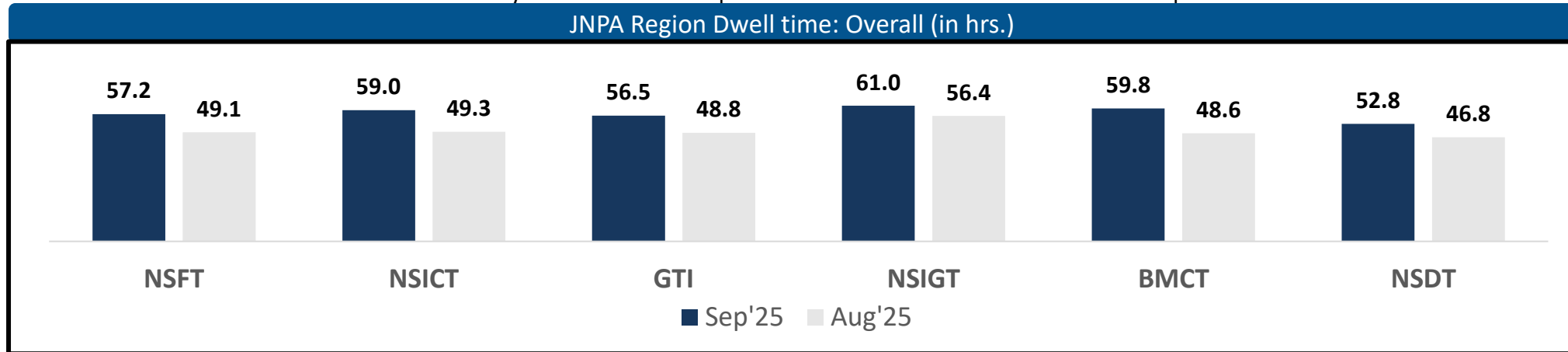
Export Volume – Mundra Region Vs JNPA Region



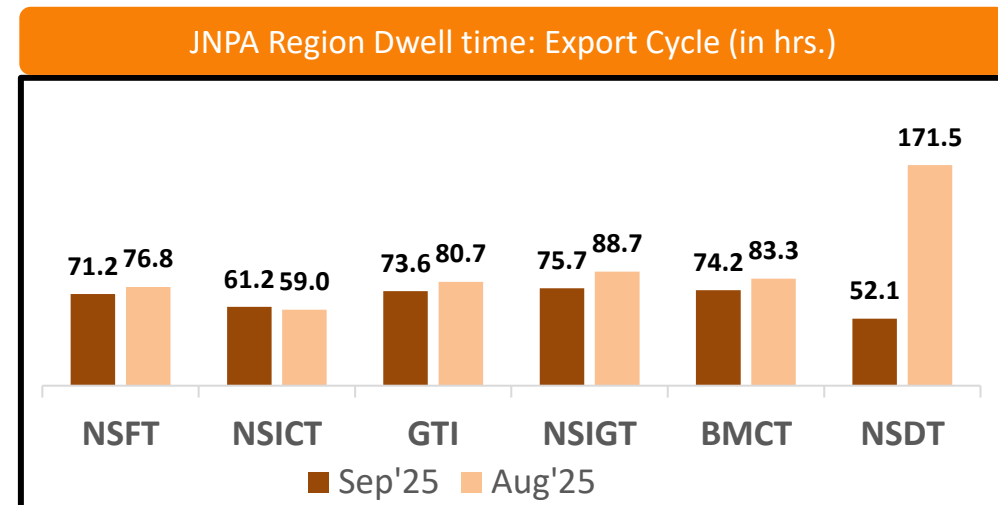
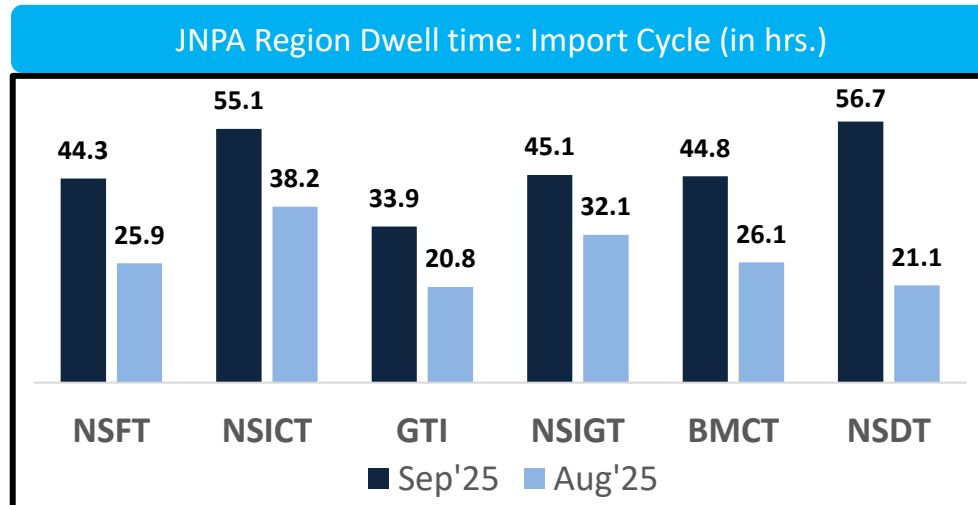
JNPA Port Dwell Time Trend: Month on Month

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 Sep'25



Weather Analysis

Weather Analysis : JNPA Port

This component depicts container handling performance in various weather conditions, focusing on port dwell time.

Weather condition during the month of Sep'25



- Normal Weather Conditions includes **clear sky, sunny, overcast and partially cloudy** weather
- Abnormal Weather Conditions includes **rainy and overcast rainy** weather

IMPORT CYCLE

Sep'25

Dwell Time
(in hrs.)

43.2

Normal Weather

Abnormal Weather

Volume
% share

-

100%

Yearly
(Jan'24
to
Dec'24)

Dwell Time
(in hrs.)

20.5

45%

29.8

Normal Weather

Abnormal Weather

Volume
% share

66%

34%

EXPORT CYCLE

Sep'25

Dwell Time
(in hrs.)

71.5

Normal Weather

Abnormal Weather

Volume
% share

-

100%

Yearly
(Jan'24
to
Dec'24)

Dwell Time
(in hrs.)

73.8

6%

78.3

Normal Weather

Abnormal Weather

Volume
% share

68%

32%

Note: Port dwell time is based on the daily weather condition at Port Out time



Indicates increase/decrease in dwell time in abnormal weather compared to normal weather

Weather Analysis : JNPA Port (Terminal-wise)

IMPORT CYCLE		
Terminal Name	Normal Weather Sep'25 (in hrs)	Abnormal Weather Sep'25 (in hrs)
Nhava Sheva Freeport Terminal (NSFT)	-	44.3
Nhava Sheva International Container Terminal (NSICT)	-	55.1
Gateway Terminals India (GTI)	-	33.9
Nhava Sheva India Gateway Terminal (NSIGT)	-	45.1
Bharat Mumbai Container Terminals(PSA)	-	44.8
Nhava Sheva Distribution Terminal (NSDT)	-	56.7

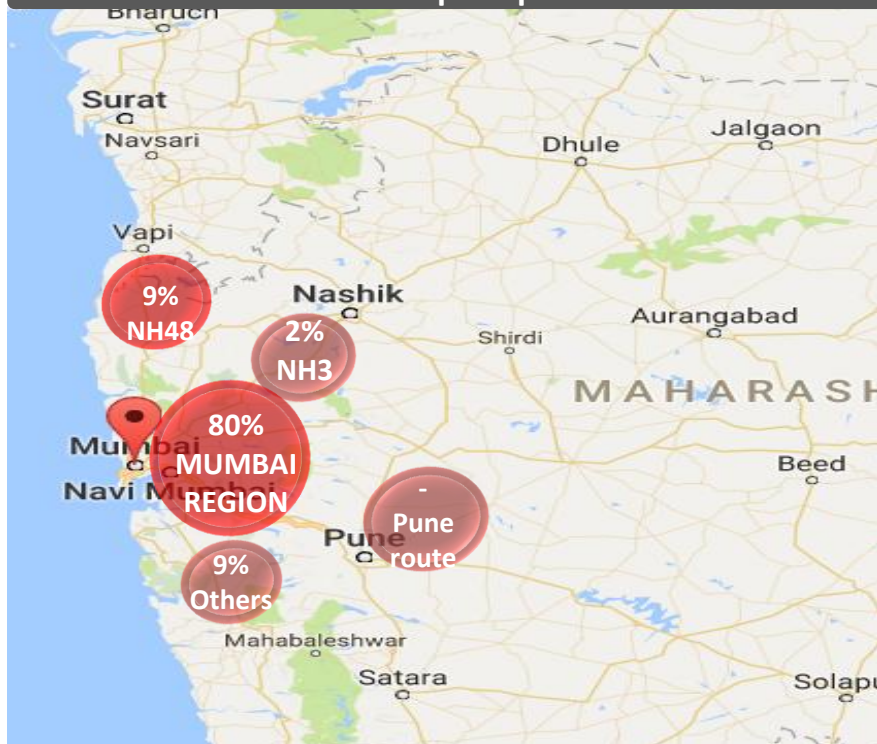
EXPORT CYCLE		
Terminal Name	Normal Weather Sep'25 (in hrs)	Abnormal Weather Sep'25 (in hrs)
Nhava Sheva Freeport Terminal (NSFT)	-	71.2
Nhava Sheva International Container Terminal (NSICT)	-	61.2
Gateway Terminals India (GTI)	-	73.6
Nhava Sheva India Gateway Terminal (NSIGT)	-	75.7
Bharat Mumbai Container Terminals(PSA)	-	74.2
Nhava Sheva Distribution Terminal (NSDT)	-	52.1

ANNEXURE

Container Movement Around JNPA Port Terminal Region Via Truck

HEAT MAP : GTI Port Terminal

Heat Map : Sep'25

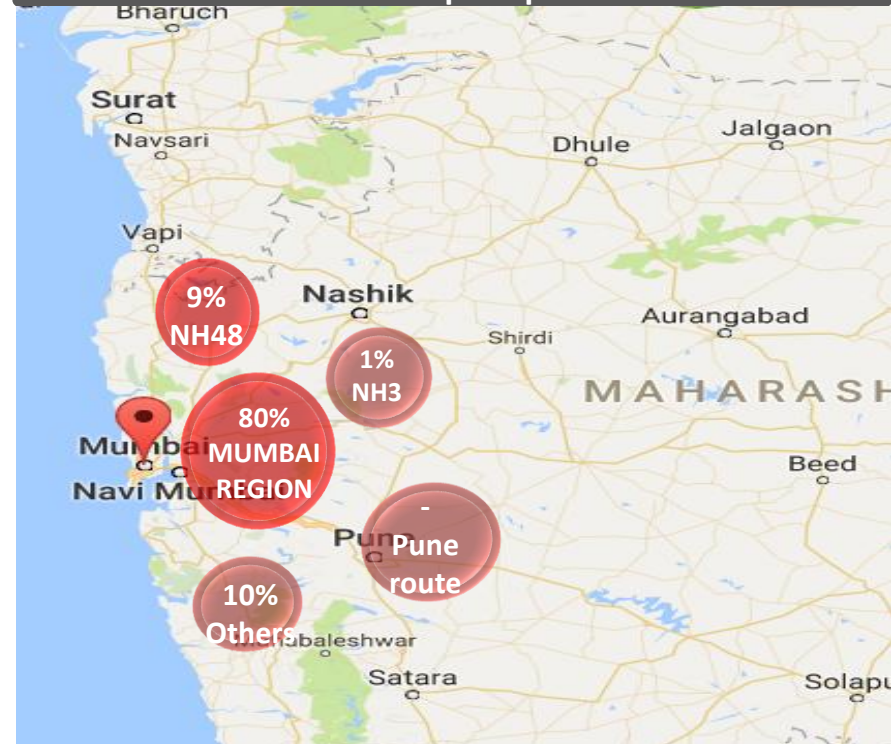


Region	Sep'25	Aug'25
Mumbai region	80%	81%
NH3	2%	1%
Pune	-	-
NH48	9%	8%
others	9%	10%

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

HEAT MAP : NSFT Port Terminal

Heat Map : Sep'25



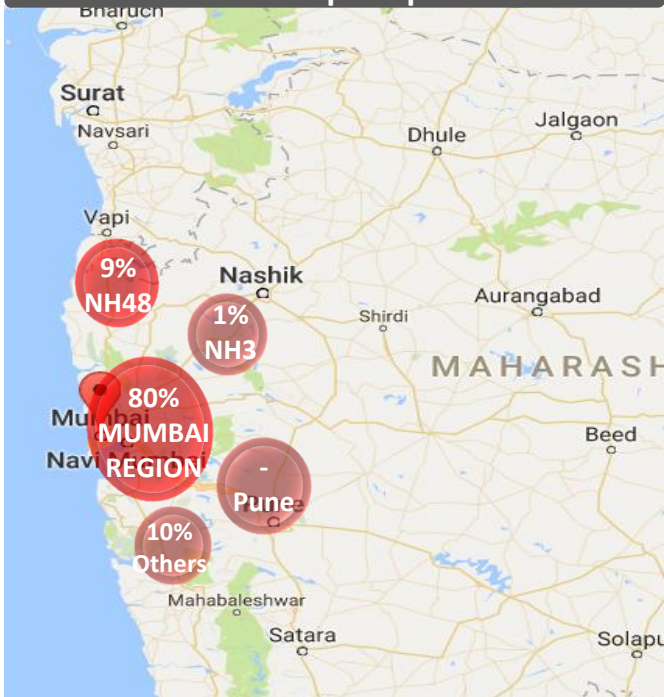
Region	Sep'25	Aug'25
Mumbai region	80%	81%
NH3	1%	1%
Pune	-	-
NH48	9%	8%
others	10%	10%

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 : Sep'25

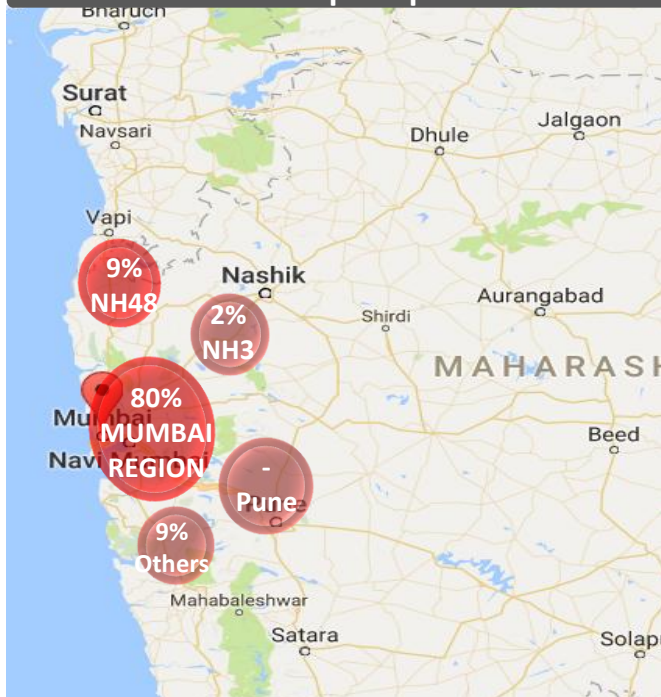


Region	Sep'25	Aug'25
Mumbai region	80%	79%
NH3	1%	1%
Pune	-	-
NH48	9%	10%
others	10%	10%

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

HEAT MAP : NSICT Port Terminal

Heat Map : Sep'25

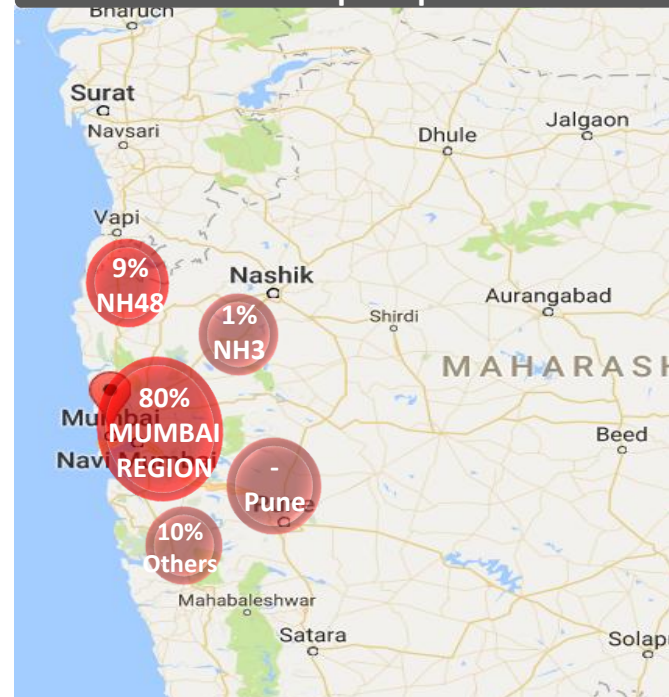


Region	Sep'25	Aug'25
Mumbai region	80%	79%
NH3	2%	1%
Pune	-	-
NH48	9%	10%
others	9%	10%

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

HEAT MAP : BMCT Port Terminal

Heat Map : Sep'25



Region	Sep'25	Aug'25
Mumbai region	80%	78%
NH3	1%	1%
Pune	-	-
NH48	9%	11%
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) – Sep'25 (in hrs): Below table shows the delivery time in import cycle from the PORT terminals to CFSs

CFS	NSFT	GTI	NSICT	NSIGT	BMCT	NSDT
AllCargo Logistics CFS,Mumbai	3.6	4.0	4.1	3.5	3.6	3.2
Ameya Logistics CFS, Navi Mumbai	2.8	3.0	2.8	2.6	2.7	4.0
APM (Maersk India) CFS, Navi Mumbai	1.9	2.3	2.3	2.2	2.1	-
Apollo Logisolutions CFS, Panvel	4.2	4.4	4.7	4.3	3.8	-
Ashte Logistics CFS, Panvel	3.0	3.0	2.9	3.2	2.8	2.6
Balmer & Lawrie CFS, Navi Mumbai	2.1	2.5	2.0	2.4	2.1	1.2
Continental Warehousing CFS, Navi Mumbai	3.0	1.6	1.7	2.4	2.3	-
CWC Conex Terminal CFS	2.3	2.7	2.6	2.5	2.5	3.1
CWC Dronagiri CFS, Navi Mumbai	1.9	2.5	2.4	2.9	2.3	1.0
CWC Impex Park CFS, Navi Mumbai	3.4	3.0	3.4	3.0	2.4	1.3
CWC Polaris logistics park	2.1	2.5	2.5	2.4	2.3	2.2
EFC Logistics India	2.3	3.2	2.5	2.6	2.6	6.7
Gateway Distriparks CFS, Navi Mumbai	3.8	3.4	3.5	3.6	2.9	4.7
International Cargo Terminal CFS	2.4	2.6	2.5	2.4	2.3	-
International Cargo Terminals (ULA) CFS, Navi Mumbai	2.3	2.7	2.1	2.5	2.4	1.9
JWC Logistics Park CFS	3.3	4.4	5.7	6.3	5.0	-

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

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

CFS	NSFT	GTI	NSICT	NSIGT	BMCT	NSDT
JWR CFS	2.8	4.4	-	2.7	7.5	-
Kerry Indev Logistics CFS,Mumbai	3.5	3.9	3.9	4.0	3.9	-
Maersk Annex (APM)CFS, Navi Mumbai	2.0	2.5	2.3	1.6	2.2	-
Maharashtra State Corp CFS	1.5	2.7	2.2	1.7	1.8	1.1
Navkar Corporation Yard 1 CFS, Panvel	3.9	2.9	4.0	4.7	3.7	-
Navkar Corporation Yard 2 CFS, Panvel	3.0	4.2	4.5	4.5	3.8	-
Navkar Corporation Yard 3 CFS, Panvel	3.2	3.5	4.9	3.8	3.7	2.6
Ocean Gate CFS, Panvel	3.0	3.4	3.7	2.8	2.7	4.6
Punjab Conware CFS, Navi Mumbai	1.9	2.2	1.9	2.0	1.9	-
Sarveshwar CFS	3.8	3.6	3.2	2.9	2.9	-
SBW Logistics CFS, Navi Mumbai	4.8	5.5	6.5	-	4.2	-
Seabird CFS, Navi Mumbai	5.9	5.6	4.9	4.4	5.0	-
Speedy Multimode CFS, JNPT	1.8	2.3	2.0	1.9	1.9	2.1
Take Care Logistics CFS	3.4	5.1	2.9	3.1	2.6	-
Transworld Terminals CFS,Mumbai	1.7	1.7	1.6	1.6	1.6	-
Vaishno Logistics CFS, Navi Mumbai	3.7	2.2	4.0	2.7	1.8	-

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

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

CFS	NSFT	GTI	NSICT	NSIGT	BMCT	NSDT
AllCargo Logistics CFS,Mumbai	2.9	4.1	6.3	2.3	6.8	-
Ameya Logistics CFS, Navi Mumbai	3.3	3.4	4.4	2.7	4.8	-
APM (Maersk India) CFS, Navi Mumbai	2.1	3.5	5.5	2.0	-	-
Apollo Logisolutions CFS, Panvel	3.1	13.3	6.4	2.6	5.5	-
Ashte Logistics CFS, Panvel	2.9	3.1	4.9	3.2	5.3	-
Balmer & Lawrie CFS, Navi Mumbai	1.7	4.3	5.5	2.6	6.4	-
Continental Warehousing CFS, Navi Mumbai	1.8	-	3.7	2.4	4.1	-
CWC Conex Terminal CFS	2.3	2.8	4.8	2.1	5.5	-
CWC Dronagiri CFS, Navi Mumbai	2.0	2.9	4.8	2.0	4.5	-
CWC Impex Park CFS, Navi Mumbai	3.0	17.1	5.2	1.1	4.8	-
CWC Polaris logistics park	2.3	3.3	4.7	2.0	5.8	-
EFC Logistics India	1.8	2.6	4.3	4.7	6.9	-
Gateway Distriparks CFS, Navi Mumbai	1.9	3.2	4.8	2.1	6.8	-
International Cargo Terminal CFS	3.3	3.3	5.5	2.2	6.5	-
International Cargo Terminals (ULA) CFS, Navi Mumbai	3.0	3.1	4.7	2.5	8.1	-
JWC Logistics Park CFS	5.2	5.1	6.8	2.9	7.5	-

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

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

CFS	NSFT	GTI	NSICT	NSIGT	BMCT	NSDT
JWR CFS	2.5	3.7	4.5	2.0	6.0	-
Kerry Indev Logistics CFS,Mumbai	3.4	5.4	5.3	2.5	6.4	-
Maersk Annex (APM)CFS, Navi Mumbai	2.2	3.4	3.2	2.5	-	-
Maharashtra State Corp CFS	2.2	4.0	4.4	2.2	5.4	-
Navkar Corporation Yard 1 CFS, Panvel	-	3.0	-	-	-	-
Navkar Corporation Yard 2 CFS, Panvel	2.9	5.2	6.2	4.3	7.2	-
Navkar Corporation Yard 3 CFS, Panvel	3.8	3.2	5.9	4.7	5.9	-
Ocean Gate CFS, Panvel	3.0	4.6	6.0	2.6	5.8	-
Punjab Conware CFS, Navi Mumbai	1.6	2.5	4.5	2.4	4.9	-
Sarveshwar CFS	4.1	3.8	6.3	2.7	7.2	-
SBW Logistics CFS, Navi Mumbai	5.9	6.6	6.4	7.9	-	-
Seabird CFS, Navi Mumbai	2.0	2.7	5.6	3.0	5.7	-
Speedy Multimode CFS, JNPT	2.9	2.7	4.0	2.1	3.4	-
Take Care Logistics CFS	3.8	4.0	6.4	5.4	6.8	-
Transworld Terminals CFS,Mumbai	1.8	3.3	3.6	2.0	4.8	-
Vaishno Logistics CFS, Navi Mumbai	4.0	4.4	6.1	3.8	7.7	-

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, NSFT and NSDT terminals

CFS Cluster : GTI Terminal

GTI terminal for month of Sep'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	2.4	2.7
Cluster 2	6	13	2.8	3.4
Cluster 3	6	11	3.9	2.6
Cluster 4	1	13	2.2	4.4
Cluster 5	2	25	4.1	4.9
Cluster 6	6	25	3.5	3.8
Cluster 7	4	12	3.0	3.5
Cluster 8	1	34	5.4	6.6

CFS Cluster : NSFT Terminal

NSFT terminal for month of Sep'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	2.9
Cluster 2	6	13	2.6	2.7
Cluster 3	6	11	2.8	2.0
Cluster 4	1	13	3.8	4.0
Cluster 5	2	25	3.2	4.3
Cluster 6	6	25	3.2	3.1
Cluster 7	4	12	2.8	3.3
Cluster 8	1	34	4.8	5.8

CFS Cluster : NSDT Terminal

NSDT terminal for month of Sep'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	2.1	-
Cluster 2	6	13	2.2	-
Cluster 3	6	11	1.1	-
Cluster 4	1	13	-	-
Cluster 5	2	25	4.6	-
Cluster 6	6	25	2.7	-
Cluster 7	4	12	4.0	-
Cluster 8	1	34	-	-

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 Sep'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	2.1	4.0
Cluster 2	6	13	2.6	5.1
Cluster 3	6	11	3.2	4.7
Cluster 4	1	13	4.2	6.1
Cluster 5	2	25	4.3	6.3
Cluster 6	6	25	4.0	5.9
Cluster 7	4	12	2.8	4.4
Cluster 8	1	34	6.6	6.4

CFS Cluster : NSIGT Terminal

NSIGT terminal for month of Sep'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	2.0	2.2
Cluster 2	6	13	2.7	2.3
Cluster 3	6	11	3.2	2.9
Cluster 4	1	13	2.6	3.7
Cluster 5	2	25	4.3	2.7
Cluster 6	6	25	3.8	3.5
Cluster 7	4	12	2.6	2.7
Cluster 8	1	34	12.9	7.9

CFS Cluster : BMCT Terminal

BMCT terminal for month of Sep'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	3.4
Cluster 2	6	13	2.4	6.7
Cluster 3	6	11	3.4	5.2
Cluster 4	1	13	1.9	7.6
Cluster 5	2	25	3.4	7.0
Cluster 6	6	25	3.4	5.9
Cluster 7	4	12	2.7	4.8
Cluster 8	1	34	4.2	10.7

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 Sep'25

City	BMCT	GTI	NSFT	NSIGT	NSICT	Overall
Ankaleshwar	95.8	62.7	138.4	201.7	-	90.4
Dadri	84.3	-	127.1	115.1	48.5	87.2
Daulatabad	166.4	114.0	59.4	91.5	99.7	131.4
Indore	34.4	-	90.2	86.2	95.2	86.2
Kanpur	110.4	132.1	73.2	-	117.8	126.2
Khatuwas	47.7	72.6	-	-	-	49.0
Khodiyar	152.2	83.2	191.0	156.3	80.6	89.4
Ludhiana	67.5	145.0	74.3	329.4	108.5	85.8
Malanpur	124.7	179.5	-	77.6	53.6	124.7
Moradabad	58.5	151.3	-	67.4	19.7	81.0
Nagpur	104.8	138.5	-	80.7	84.6	102.4
Navi Mumbai	73.9	60.8	80.4	72.9	-	69.5
Sanatnagar	155.6	-	165.9	63.4	-	122.9
Thimmapur	135.3	-	106.2	173.2	153.4	135.3
Tughlakabad	82.4	-	96.4	121.7	81.2	87.4

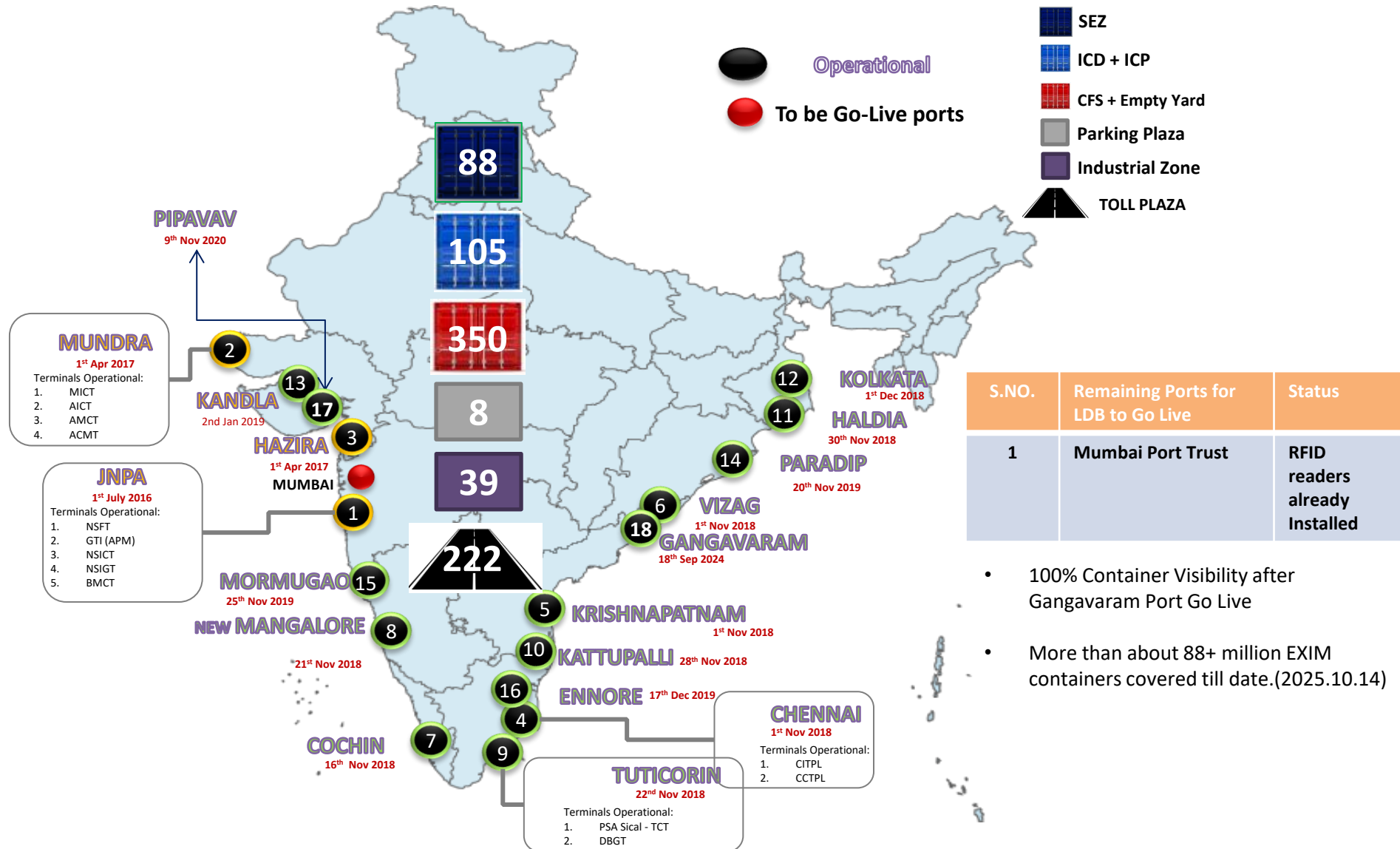
JNPA Region: Destination-wise Dwell Time- Import

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 Sep'25

CFS	BMCT	GTI	NSFT	NSIGT	NSICT	Overall
AllCargo Logistics	28.8	-	-	48.2	46.0	35.8
Ameya Logistics CFS, Navi Mumbai	61.8	-	28.0	48.4	73.8	55.7
APM (Maersk India) CFS, Navi Mumbai	77.0	29.3	20.3	22.0	73.6	49.1
Apollo Logisolutions CFS, Panvel	20.6	19.2	27.8	24.1	25.5	22.1
Ashte Logistics CFS, Panvel	26.3	22.0	-	41.2	37.2	27.5
Balmer & Lawrie CFS, Navi Mumbai	37.3	29.8	28.6	37.3	51.9	35.6
Continental Warehousing CFS, Navi Mumbai	22.3	23.8	37.8	26.1	-	25.8
CWC Impex Park	38.8	35.7	45.3	44.4	88.7	42.9
Dronagiri Rail Terminal CFS, Navi Mumbai	20.4	21.8	23.9	27.0	-	22.2
EFC Logistics	41.9	32.9	30.0	33.4	82.0	41.3
Gateway Distriparks CFS, Navi Mumbai	39.5	30.3	35.0	52.5	-	43.4
International Cargo Terminals (ULA) CFS, Navi Mumbai	-	-	-	50.7	52.8	51.0
JWC Logistics Park CFS	70.8	30.1	35.3	51.1	51.9	44.8
Kerry Indev Logistics Pvt Ltd CFS	-	-	32.8	46.8	19.6	37.0
Maharashtra State Corp CFS	22.2	23.2	38.7	44.9	37.6	31.9
Navkar Corporation	25.1	22.5	25.9	39.7	47.5	27.7
Ocean Gate CFS, Panvel	51.9	21.3	29.1	25.9	52.4	32.0
Sarveshwar Logistics	19.2	16.9	-	22.3	22.4	19.5
Seabird CFS, Navi Mumbai	59.7	-	46.0	88.4	-	84.2
Speedy Multimode CFS, JNPT	25.1	-	-	38.5	53.0	36.3
Take Care Logistics	38.6	-	-	-	44.1	39.1
TG Terminals	30.2	-	27.0	36.7	27.6	29.9
Vaishno Logistics CFS, Navi Mumbai	37.9	41.5	151.5	59.9	34.8	40.1

LDB Operations Snapshot (1/2)



- 100% Container Visibility after Gangavaram Port Go Live
- More than about 88+ million EXIM containers covered till date.(2025.10.14)

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	Adani CFS Eximyard, Mundra	20	APM (Maersk India) CFS, Navi Mumbai
2	CWC Polaris logistics park	21	Balmer & Lawrie CFS, Navi Mumbai
3	CWC Conex Terminal CFS	22	Ocean Gate CFS, Panvel
4	Ameya Logistics CFS, Navi Mumbai	23	CWC Impex Park CFS, Navi Mumbai
5	Gateway Distriparks CFS, Navi Mumbai	24	Navkar Corporation Yard 2 CFS, Panvel
6	Punjab Conware CFS, Navi Mumbai	25	Transworld Terminals CFS, Mumbai
7	JWR CFS	26	Sarveshwar CFS
8	CWC Dronagiri CFS, Navi Mumbai	27	Maharashtra State Corp CFS
9	International Cargo Terminals (ULA) CFS, Navi Mumbai	28	CWC CFS, Mundra
10	Seabird CFS, Navi Mumbai	29	Maersk Annex (APM)CFS, Navi Mumbai
11	Seabird CFS, Mundra	30	Rishi CFS, Mundra
12	EFC Logistics India	31	Hind Terminal CFS, Hazira
13	Speedy Multimode CFS, JNPT	32	Continental Warehousing CFS, Navi Mumbai
14	International Cargo Terminal CFS	33	Ashutosh CFS, Mundra
15	AllCargo Logistics CFS, Mumbai	34	Adani CFS, Hazira
16	JWC Logistics Park CFS	35	Take Care Logistics CFS
17	Landmark CFS, Mundra	36	Kerry Indev Logistics CFS, Mumbai
18	Ashte Logistics CFS, Panvel	37	TG Terminals CFS, Mundra
19	Navkar Corporation Yard 3 CFS, Panvel	38	Navkar Corporation Yard 1 CFS, Panvel

Methodology

Step 1

CFSs are divided into clusters based on their vicinity

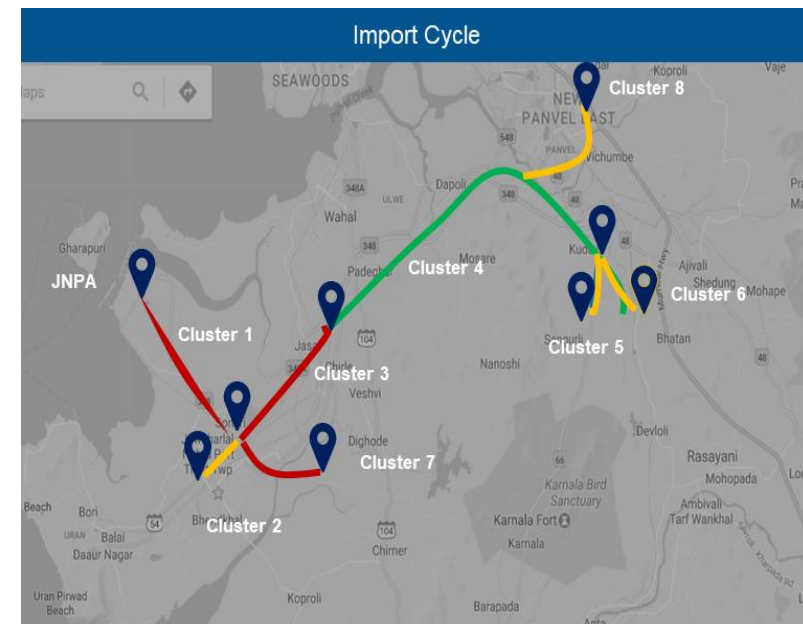
Step 2

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

An aerial photograph of a container ship's deck, filled with stacks of colorful shipping containers (red, white, blue, green). The ship is moving through the ocean, leaving a white wake. A large, semi-transparent blue Wi-Fi symbol is overlaid on the upper part of the image, and a green circular graphic with a grid pattern is positioned in the center. The text "THANK YOU" is written in large, white, bold, sans-serif capital letters across the middle of the image.

THANK YOU