



Logistics Data Bank (LDB) Analytics Report – JNPA

August 2025



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

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Overall Analysis

Terminal wise Dwell Time Performance – Snapshot

Import Cycle			Export Cycle		
Port Terminals	Aug'25 (in hrs)	Jul'25 (in hrs)	Port Terminals	Aug'25 (in hrs)	Jul'25 (in hrs)
NSFT	25.9	23.0	NSFT	76.8	81.1
NSICT	38.2	24.7	NSICT	59.0	62.3
GTI	20.8	18.2	GTI	80.7	80.4
NSIGT	32.1	28.2	NSIGT	88.7	84.4
BMCT	26.1	22.2	BMCT	83.3	81.7
NSDT	21.1	30.0	NSDT	171.5	135.1

Critical Incident Summary Jawaharlal Nehru Port Authority

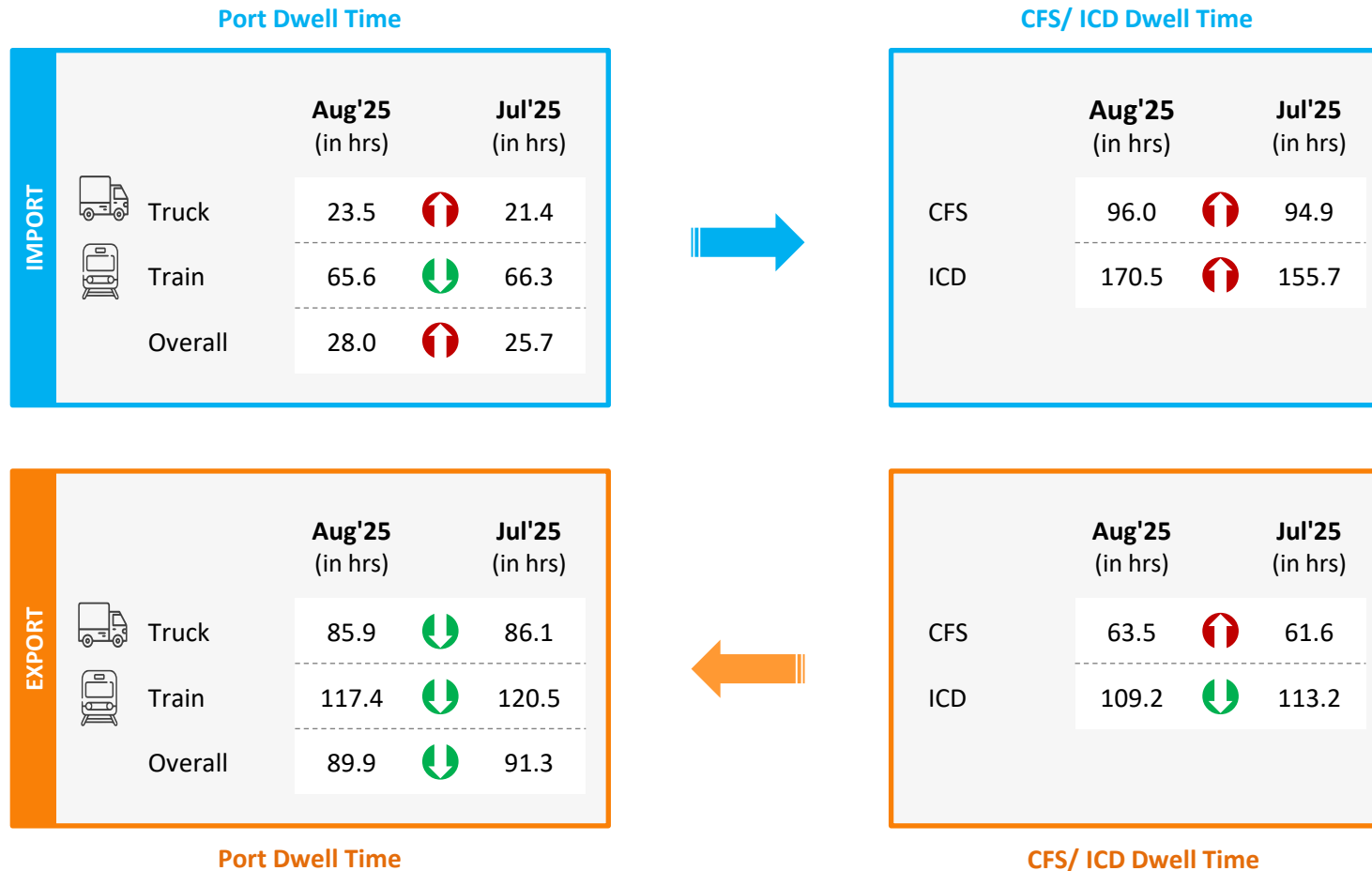
- Overall container handling performance (Port Dwell Time) has declined in import cycle and has improved in export cycle. CFS dwell Time performance has declined in both import and export cycle. ICD dwell performance has declined in import cycle and has improved in export cycle.

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
Aug'25	26.8 hrs 	78.0 hrs 	91.8 hrs 	62.7 hrs 	170.5 hrs 	109.2 hrs 
Jul'25	22.0 hrs ^{21.8%}	78.1 hrs ^{0.1%}	91.4 hrs ^{0.4%}	60.4 hrs ^{3.8%}	155.7 hrs ^{9.5%}	113.2 hrs ^{3.5%}

  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): 60.1

Y-Axis: No. of Boxes

Threshold value (no. of boxes): 51,515

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 ★ ★

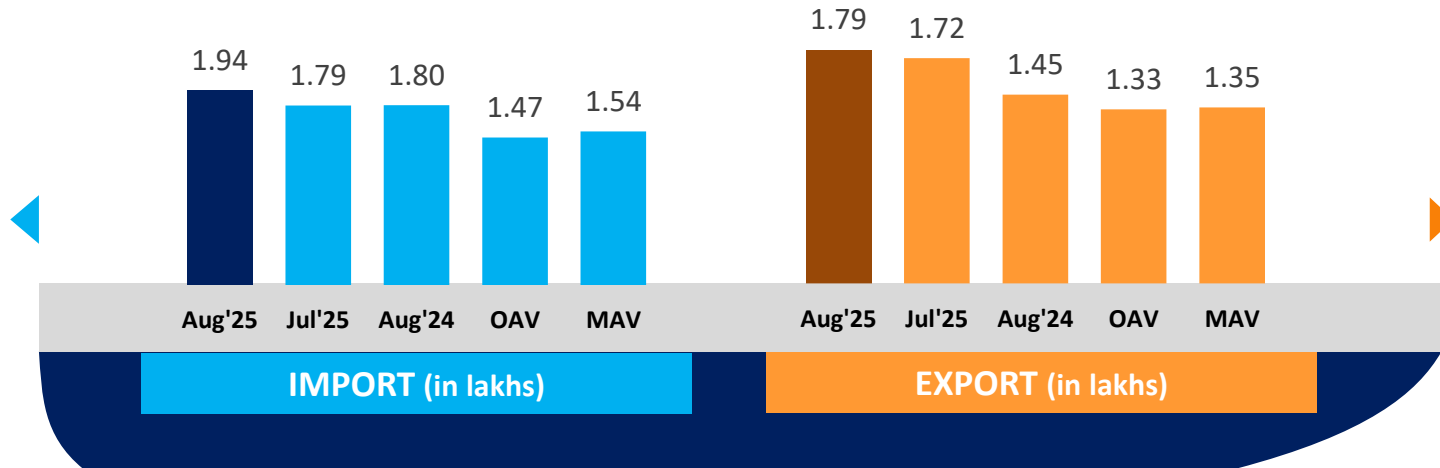
Entities with high container count and high dwell time

Needs Improvement ★

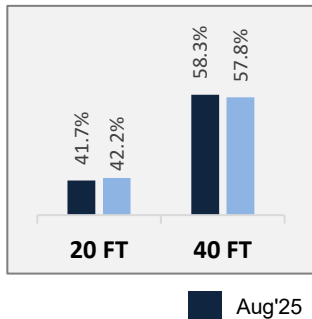
Entities with low container count and high dwell time

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

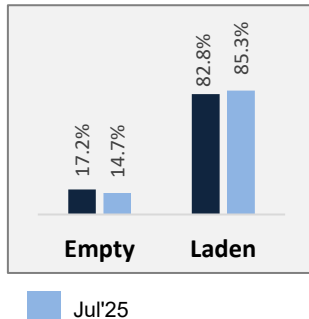
Jawaharlal Nehru Port Authority



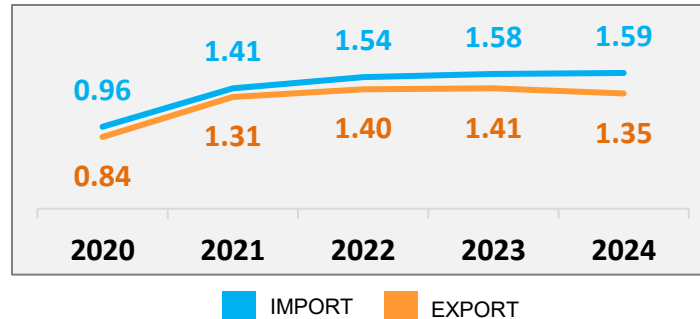
Container Size-wise (Import)



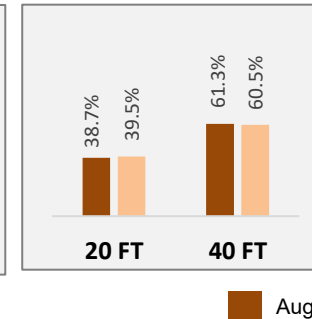
Container Type-wise (Import)



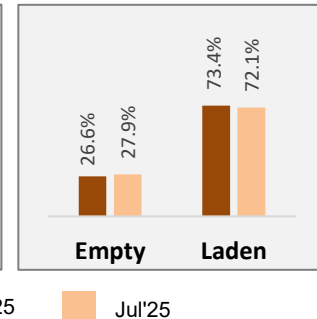
Container Count - Annual Average (in lakhs/ month)



Container Size-wise (Export)



Container Type-wise (Export)

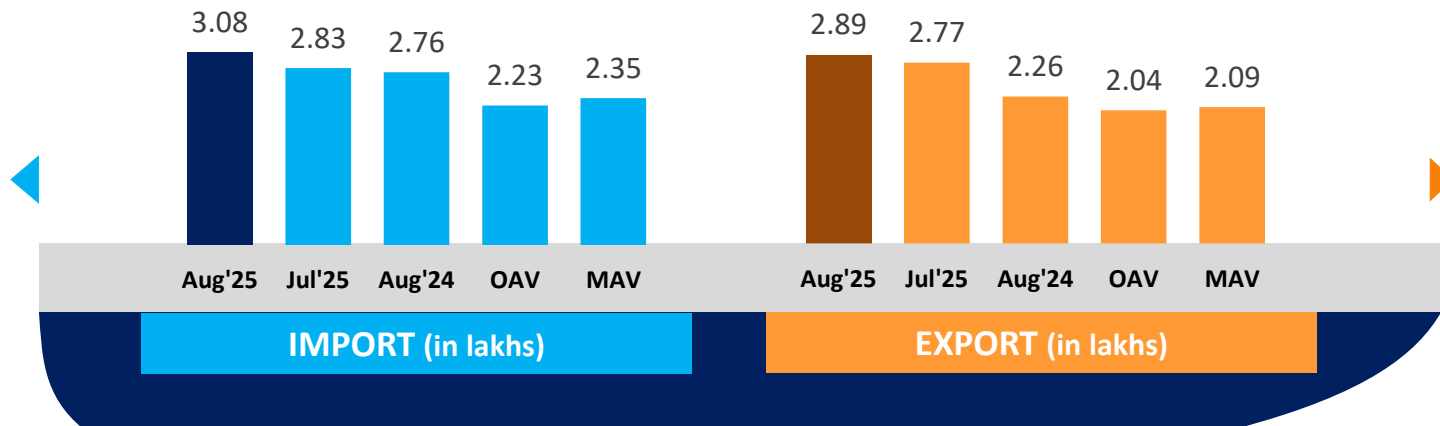


OAV – Overall Avg Volume
MAV – Monthly Avg Volume

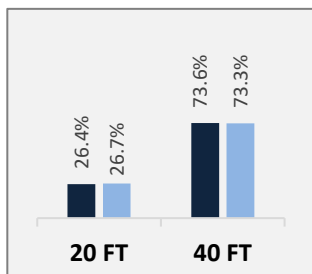
Note: All above figures are in no. of boxes

Container Volume (TEUs): JNPA Port Terminals

Jawaharlal Nehru Port Authority

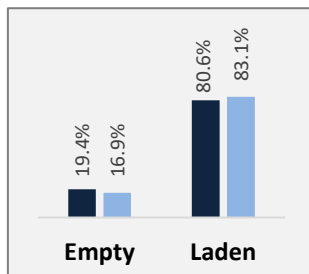


Container Size-wise (Import)



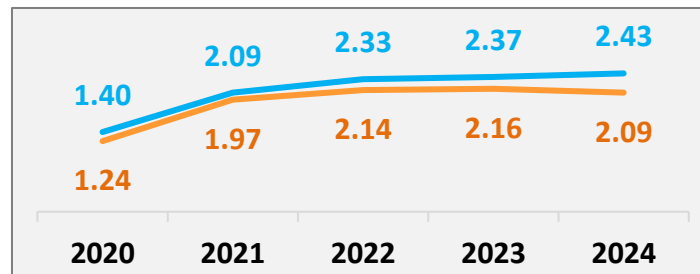
Aug'25

Container Type-wise (Import)



Jul'25

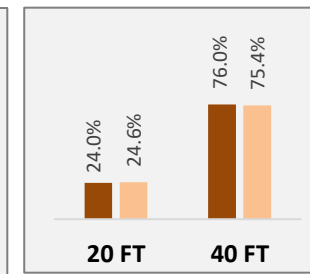
Container Volume (TEUs) - Annual Average (in lakhs/ month)



IMPORT

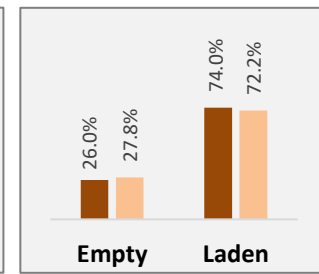
EXPORT

Container Size-wise (Export)



Aug'25

Container Type-wise (Export)



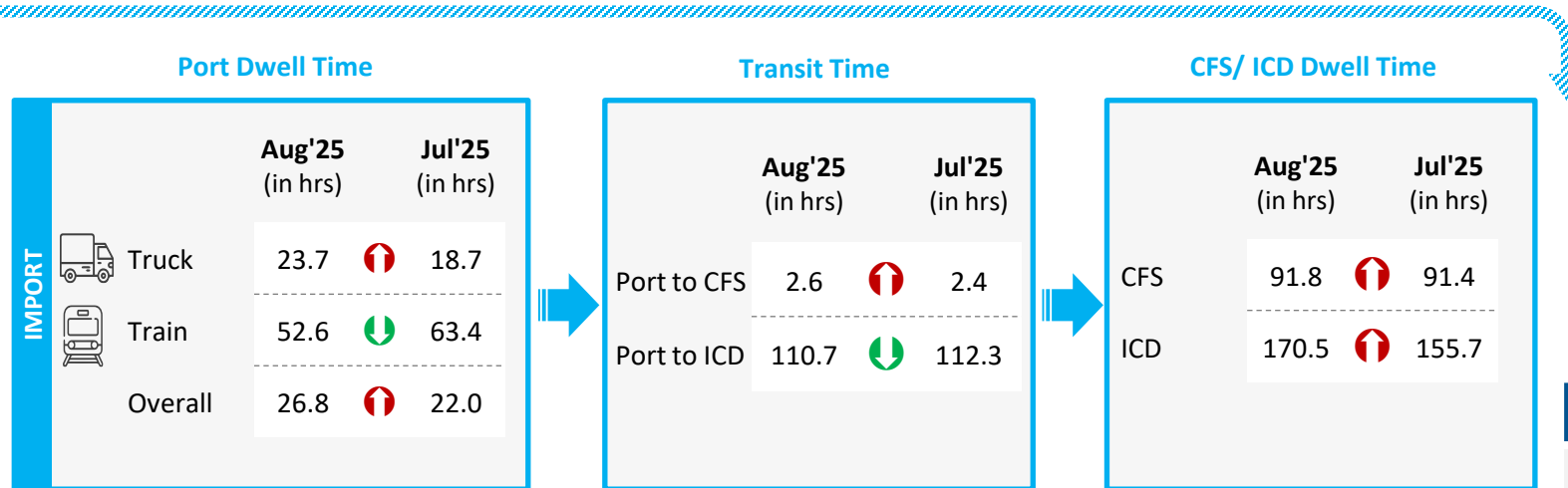
Jul'25

OAV – Overall Avg Volume
MAV – Monthly Avg Volume

Note: All above figures are in TEUs

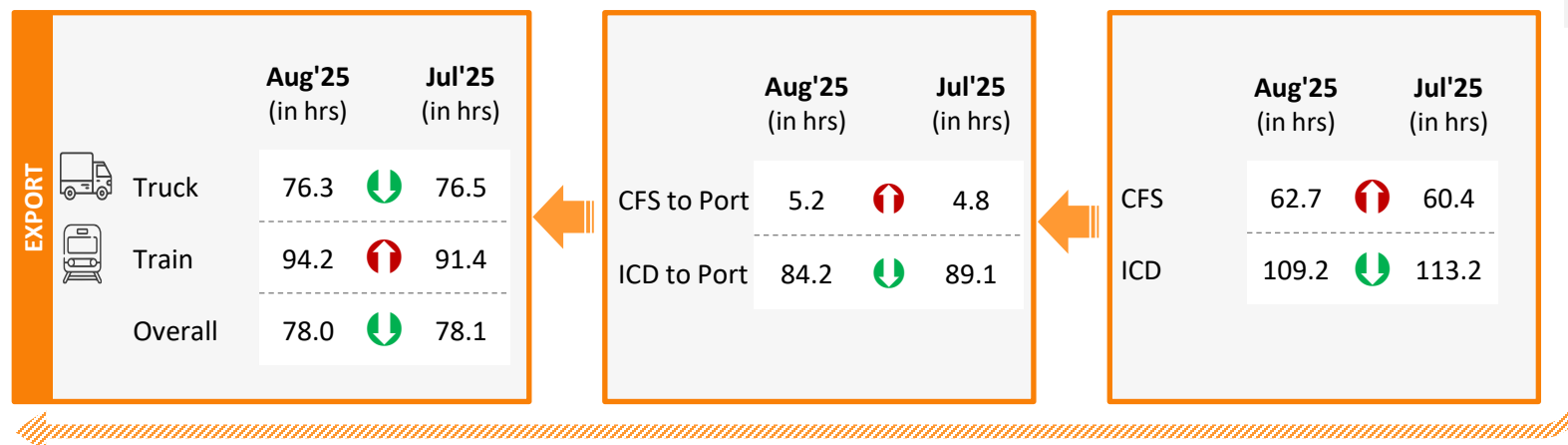
Container Transportation: JNPA Port Terminals

Container Lifecycle (Import Cycle)



Volume distribution at port terminal – Truck/Train

	Truck	Train
Import	83%	17%
Export	82%	18%



Container Lifecycle (Export Cycle)

Indicates decrease/increase in time from last month

Container Transportation: JNPA Port Terminals

Import Cycle	Particulars		Aug'25 (in hrs)	Jul'25 (in hrs)
	Dwell Time	Overall Dwell Time	26.8	22.0
		Truck Bound Containers	23.7	18.7
		Train Bound Containers	52.6	63.4
		Direct Port Delivery (DPD) containers	24.6	20.1
		Containers bound for CFS	23.0	17.1
		Empty Containers	41.3	38.3
		Laden Containers	24.3	20.0
	Transit Time	Port to ICD	110.7	112.3
		Port to CFS	2.6	2.4
Export Cycle	Particulars		Aug'25 (in hrs)	Jul'25 (in hrs)
	Dwell Time	Overall Dwell Time	78.0	78.1
		Truck Bound Containers	76.3	76.5
		Train Bound Containers	94.2	91.4
		Direct Port Entry (DPE) containers	75.2	76.1
		Containers bound from CFS	75.9	74.5
		Empty Containers	75.4	78.4
		Laden Containers	79.5	78.0
	Transit Time	ICD to Port	84.2	89.1
		CFS to Port	5.2	4.8

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	Aug'25 (in hrs)	Jul'25 (in hrs)
Gate in - Gate Out	5.8	5.7

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

	Within 2 hrs	2-4 hrs	4-8 hrs	8-16 hrs	16-24 hrs	More than 24 hrs
Parking Plaza Dwell Time	9%	23%	34%	23%	7%	4%

Parking Plaza to JNPA Port	Aug'25 (in hrs)	Jul'25 (in hrs)
Gate Out – Terminal In	2.4	1.9

Container Count Percentage: Hour-wise (Aug'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%	18%	10%	7%	7%	14%
NSICT	6%	9%	12%	12%	9%	52%
GTI	51%	26%	15%	5%	1%	2%
NSIGT	28%	26%	16%	10%	9%	11%
BMCT	2%	12%	16%	14%	12%	44%
NSDT	-	-	-	-	-	-

Port Terminal	Aug'25 (in hrs)	Jul'25 (in hrs)
NSFT	1.3	0.5
NSICT	5.2	2.8
GTI	1.0	1.1
NSIGT	1.8	2.4
BMCT	4.5	5.7
NSDT	-	-

CFS/ICD Performance Benchmarking & Performance Index

CFS: Western Corridor

Performance Benchmarking

ICD: PAN India

Top Performing CFS

CWC Polaris logistics park

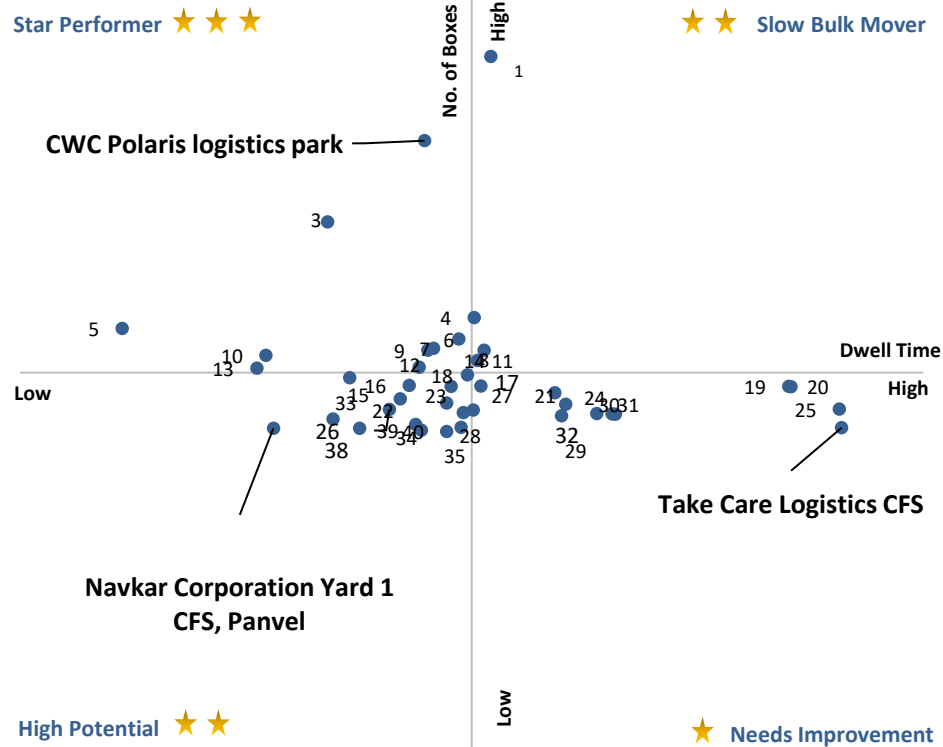
High Potential CFS

Low Performing CFS

Navkar Corporation Yard 1 CFS, Panvel

Take Care Logistics CFS

Performance Index – Aug'25



X-Axis: Dwell Time

Y-Axis: No. of Boxes

Top Performing ICD

CONCOR ICD, Dadri

High Potential ICD

Low Performing ICD

PSCT HARBOUR OF MADRAS

MMLP TIHI

Performance Index – Aug'25



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 Terminals	Aug'25 (in hrs)	Jul'25 (in hrs)
NSFT	55.2	50.0
NSICT	52.6	56.4
GTI	48.8	54.0
NSIGT	60.8	79.6
BMCT	52.7	70.8
NSDT	-	-

Container Handled: Hour-wise (Aug'25)

Port Terminals	Within 0-24 hrs	24-48 hrs	48-72 hrs	72-96 hrs	96-144 hrs	More than 144 hrs
NSFT	16%	26%	25%	12%	9%	12%
NSICT	19%	27%	18%	11%	13%	12%
GTI	23%	26%	22%	11%	10%	8%
NSIGT	17%	24%	16%	14%	14%	15%
BMCT	20%	26%	20%	14%	11%	9%
NSDT	-	-	-	-	-	-

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 Terminals	Aug'25 (in hrs)	Jul'25 (in hrs)
NSFT	22.1	18.6
NSICT	35.6	21.7
GTI	18.4	15.7
NSIGT	29.3	24.4
BMCT	22.5	18.2
NSDT	21.1	30.0

Container Handled: Hour-wise (Aug'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%	29%	9%	4%	3%	1%
NSICT	34%	27%	15%	8%	7%	9%
GTI	62%	25%	8%	3%	2%	-
NSIGT	40%	34%	15%	6%	4%	1%
BMCT	53%	28%	12%	5%	1%	1%
NSDT	55%	30%	4%	3%	-	8%

JNPA Port Terminal: Dwell Time Performance (Import Cycle)

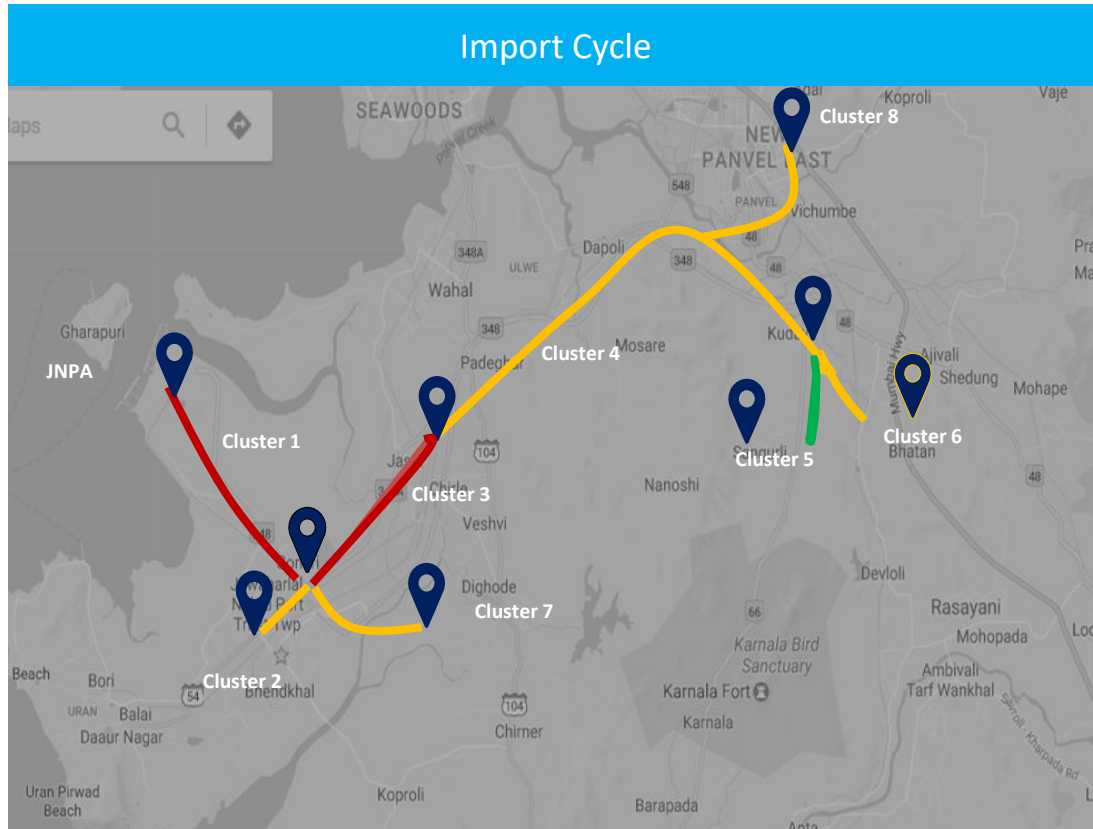
The below table depicts the detailed JNPA region port performance in the month of Aug'25

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	22.1	18.6	38.5	21.7
NSICT	64.4	33.2	74.2	32.4
GTI	44.3	17.0	37.3	19.4
NSIGT	59.2	28.7	39.6	29.3
BMCT	21.6	22.2	34.7	24.8
NSDT	-	20.7	-	21.1

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 Aug'25



Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	JNPA Area	1	9.15%	High
Cluster 2	Bhendkhal Area, Khopate Road	6	34.69%	Medium
Cluster 3	Sonari Area, JNPA Road	2	14.99%	High
Cluster 4	Chirle Area, JNPA Road	1	0.95%	Medium
Cluster 5	Plaspa Area, Coach Kanyakumari Highway	2	10.79%	Low
Cluster 6	Salva Apta Road Area, Bangalore Highway	5	19.55%	Medium
Cluster 7	Patilpada Area, Khopate JNPA Road	3	9.79%	Medium
Cluster 8	Taloja, Navi Mumbai	1	0.09%	Medium

Congestion Level ■ High ■ Medium ■ Low

JNPA Region Import Cycle: Container Movement

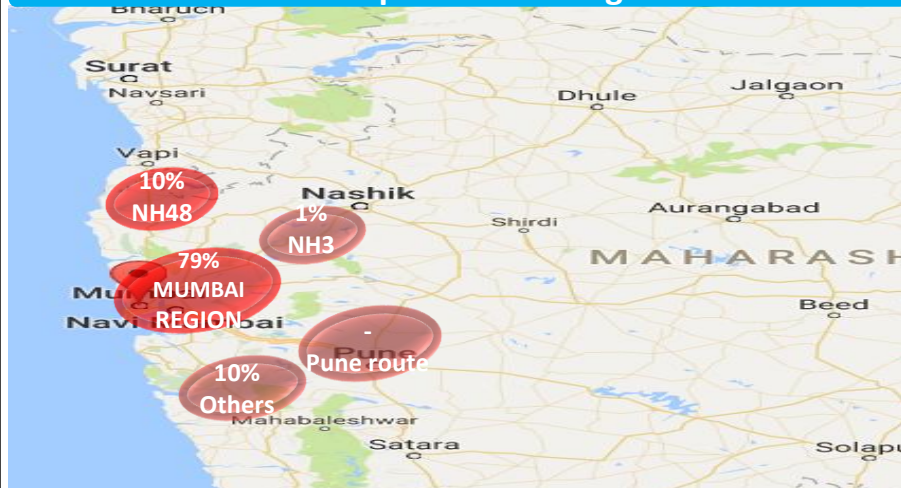
Truck

HEAT MAP : OVERALL MUMBAI REGION

Region	Aug'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: Aug'25



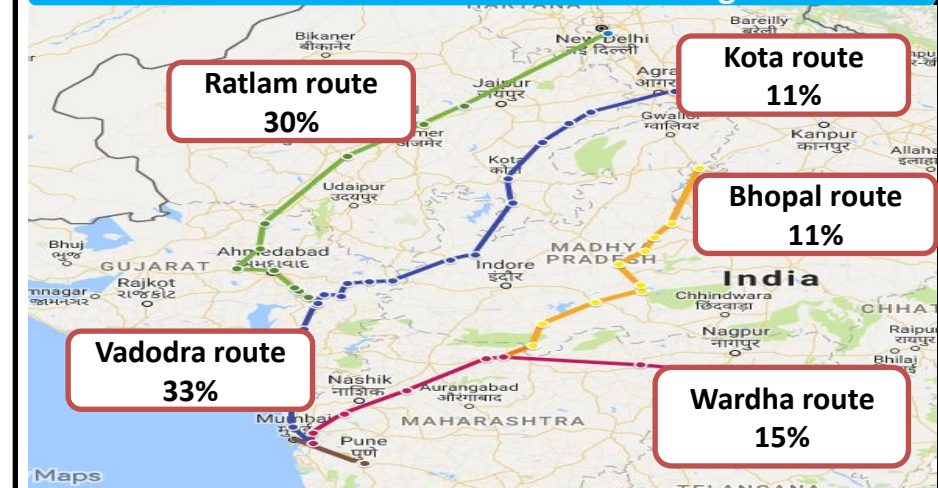
Train

VOLUME WISE CONTAINER MOVEMENT

Region	Aug'25
Vadodra Route	33%
Ratlam Route	30%
Wardha Route	15%
Kota Route	11%
Bhopal Route	11%

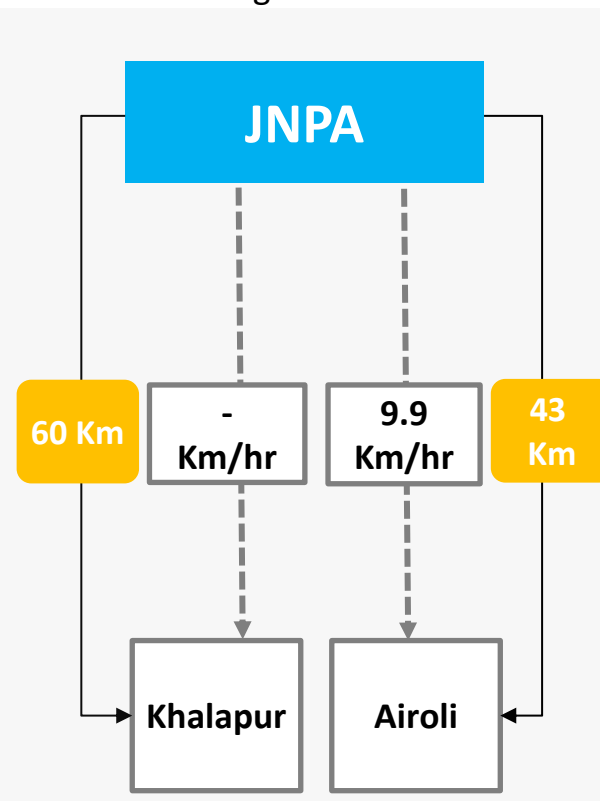
The map depicts the volume wise container movement through different railway routes in import cycle

Container movement via Train: Aug'25

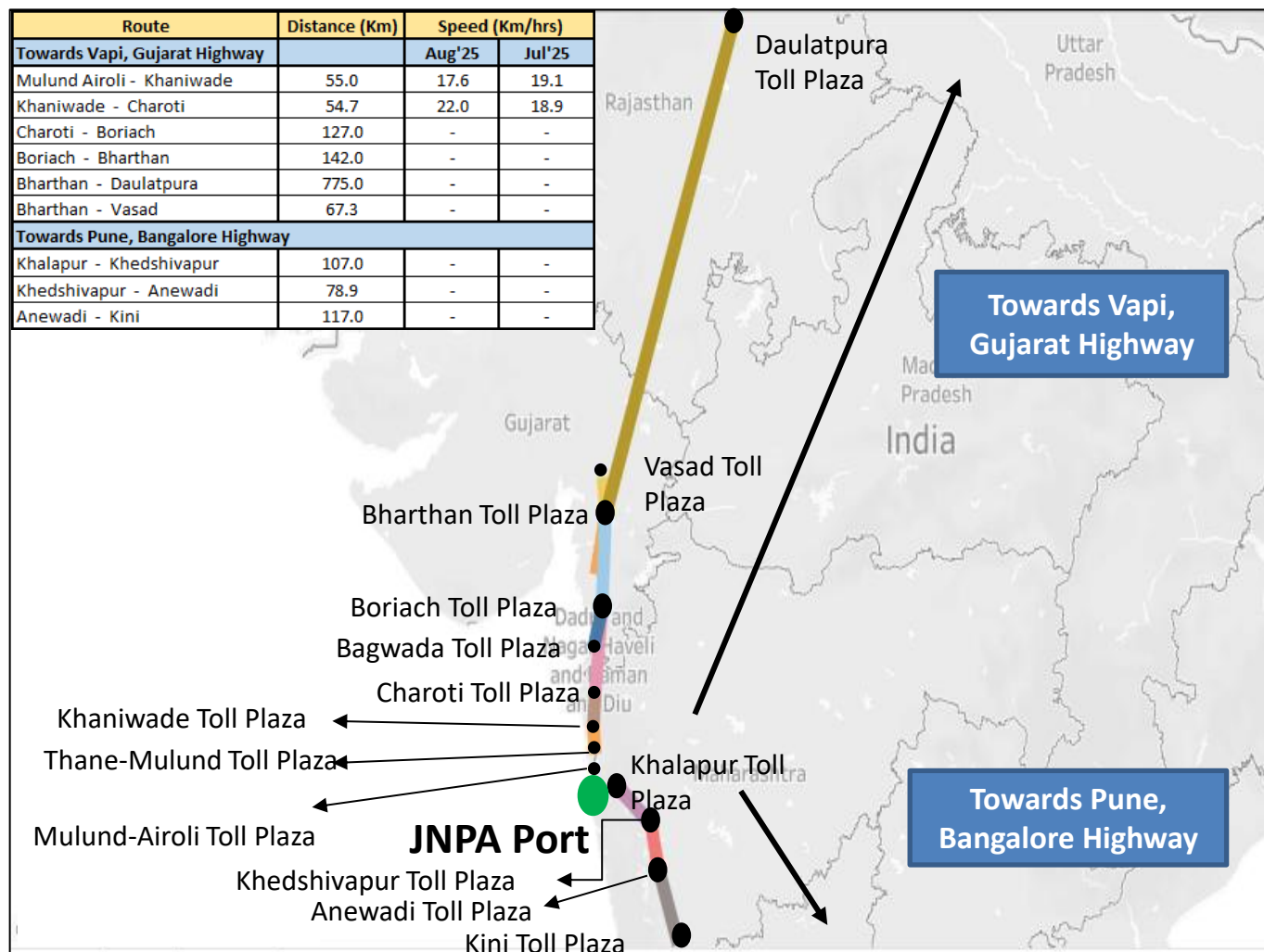


Western Corridor Toll Plaza Analysis

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



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



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 (18% 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	Aug'25 (in hrs)	Jul'25 (in hrs)
NSFT	129.2	100.7
NSICT	20.5	19.9
GTI	107.5	103.4
NSIGT	111.0	101.1
BMCT	118.3	110.4
NSDT	-	-

Container Handled: Hour-wise (Aug'25)

Port Terminals	Within 0-24 hrs	24-48 hrs	48-72 hrs	72-96 hrs	96-144 hrs	More than 144 hrs
NSFT	13%	7%	10%	9%	16%	45%
NSICT	52%	10%	8%	8%	11%	11%
GTI	2%	9%	14%	16%	31%	28%
NSIGT	2%	9%	11%	16%	31%	31%
BMCT	1%	10%	12%	13%	24%	40%
NSDT	-	-	-	-	-	-

PORT EXPORT via TRUCK (82% 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	Aug'25 (in hrs)	Jul'25 (in hrs)
NSFT	73.4	79.4
NSICT	63.9	67.6
GTI	77.6	77.6
NSIGT	85.7	82.2
BMCT	79.5	76.9
NSDT	171.5	134.5

Container Handled: Hour-wise (Aug'25)

Port Terminals	Within 0-24 hrs	24-48 hrs	48-72 hrs	72-96 hrs	96-144 hrs	More than 144 hrs
NSFT	7%	18%	24%	20%	19%	12%
NSICT	7%	24%	29%	21%	17%	2%
GTI	3%	15%	27%	25%	28%	2%
NSIGT	5%	8%	22%	25%	31%	9%
BMCT	5%	15%	23%	23%	27%	7%
NSDT	8%	-	-	-	10%	82%

JNPA Port Terminal: Dwell Time Performance (Export Cycle)

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

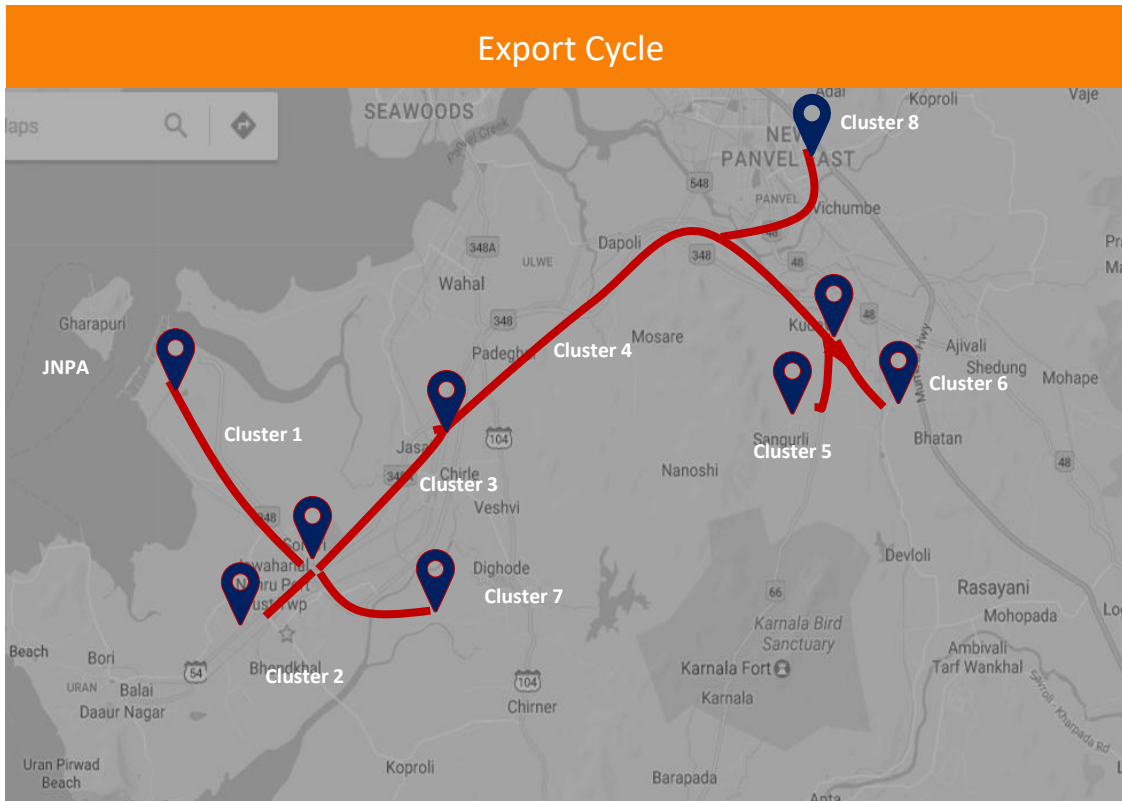
Port Dwell Time (in Hours) - Based on Transit Type

Port Terminals	Direct Port Entry (DPE) Containers-Truck	Containers bound from CFS	Empty Containers	Laden Containers
NSFT	70.9	78.3	69.6	77.2
NSICT	65.1	63.0	61.0	58.7
GTI	79.4	75.3	77.7	82.4
NSIGT	87.9	84.3	84.9	90.0
BMCT	-	83.8	73.5	92.0
NSDT	-	155.2	-	171.5

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 Aug'25



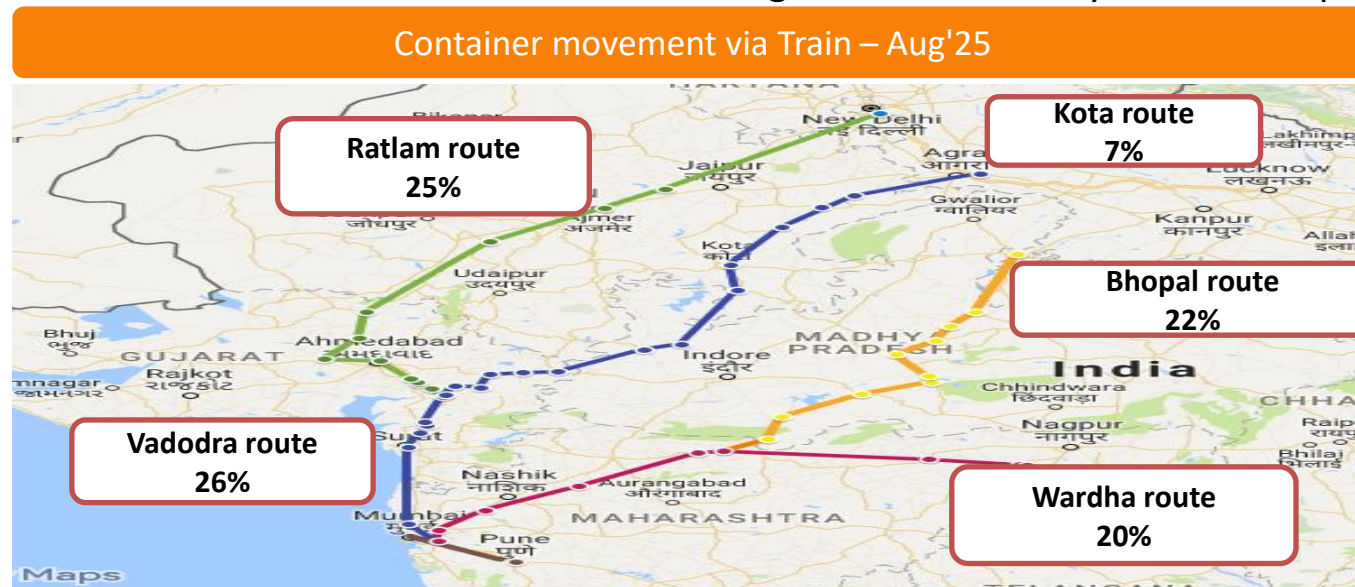
Cluster	Cluster Name	No. of CFS	% of Total Containers	Congestion
Cluster 1	JNPA Area	1	3.51%	High
Cluster 2	Bhendkhal Area, Khopate Road	6	28.17%	High
Cluster 3	Sonari Area, JNPA Road	2	18.32%	High
Cluster 4	Chirle Area, JNPA Road	1	3.97%	High
Cluster 5	Plaspa Area, Coach Kanyakumari Highway	2	13.62%	High
Cluster 6	Salva Apta Road Area, Bangalore Highway	5	23.08%	High
Cluster 7	Patilpada Area, Khopate JNPA Road	3	9.30%	High
Cluster 8	Taloja, Navi Mumbai	1	0.03%	High

Congestion Level ■ High ■ Medium ■ Low

JNPA Region: Container Movement via Train

JNPA Port	
Route	Percentage of Container Movement
Vadodra Route	26%
Ratlam Route	25%
Wardha Route	20%
Kota Route	7%
Bhopal Route	22%

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



CFS and ICD Performance

JNPA region CFS : CFS DWELL TIME ANALYSIS

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

CFS Dwell Time (in hrs.)					
CFS	Aug'25 (in hrs)	Jul'25 (in hrs)	CFS	Aug'25 (in hrs)	Jul'25 (in hrs)
AllCargo Logistics CFS,Mumbai	92.9	92.0	JWR CFS	60.4	58.4
Ameya Logistics CFS, Navi Mumbai	88.6	87.1	Kerry Indev Logistics CFS,Mumbai	81.9	-
APM (Maersk India) CFS, Navi Mumbai	99.6	96.9	Maersk Annex (APM)CFS, Navi Mumbai	100.2	80.1
Apollo Logisolutions CFS, Panvel	91.1	93.6	Maharashtra State Corp CFS	92.2	98.7
Ashte Logistics CFS, Panvel	90.2	90.4	Navkar Corporation Yard 1 CFS, Panvel	74.1	74.1
Balmer & Lawrie CFS, Navi Mumbai	100.6	99.5	Navkar Corporation Yard 2 CFS, Panvel	104.8	99.3
Continental Warehousing CFS, Navi Mumbai	85.6	-	Navkar Corporation Yard 3 CFS, Panvel	86.4	93.4
CWC Conex Terminal CFS	79.0	79.6	Ocean Gate CFS, Panvel	103.4	93.9
CWC Dronagiri CFS, Navi Mumbai	72.6	83.9	Punjab Conware CFS, Navi Mumbai	88.1	93.7
CWC Impex Park CFS, Navi Mumbai	105.1	94.6	Sarveshwar CFS	91.3	81.8
CWC Polaris logistics park	87.8	87.2	Seabird CFS, Navi Mumbai	73.4	74.4
EFC Logistics India	87.3	76.8	Speedy Multimode CFS, JNPT	92.6	92.7
Gateway Distriparks CFS, Navi Mumbai	92.3	90.5	Take Care Logistics CFS	125.6	101.0
International Cargo Terminal CFS	81.0	75.6	Transworld Terminals CFS,Mumbai	84.6	82.5
International Cargo Terminals (ULA) CFS, Navi Mumbai	90.9	81.1	Vaishno Logistics CFS, Navi Mumbai	87.5	93.7
JWC Logistics Park CFS	91.7	90.4			

ICD Performance

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

ICD Dwell Time (in hrs.)

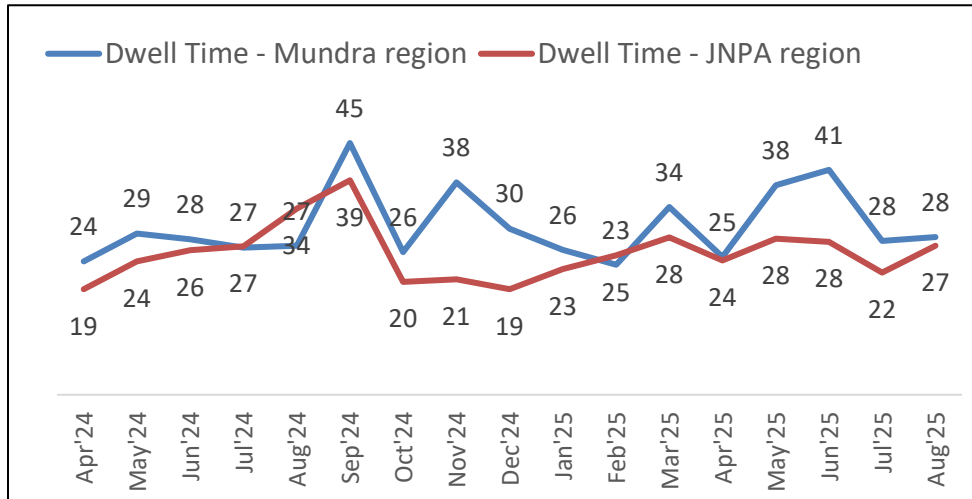
ICD	Aug'25 (in hrs)	Jul'25 (in hrs)	ICD	Aug'25 (in hrs)	Jul'25 (in hrs)
Adani ICD, Tumb	91.5	86.4	ICD Powarkheda	95.9	114.0
Adani Logistics Park ICD, Gurgaon	124.4	-	ICD Sachana (CWC)	146.8	142.7
CFS VALLARPADAM	123.3	163.6	ICD SANATHNAGAR	120.0	114.2
CONCOR ICD, Dadri	57.3	58.9	ICD WHITEFIELD	146.1	148.1
CONCOR Kanakpura ICD, Jaipur	109.6	94.8	KLPL ICD, Kanpur	123.2	113.0
CONTAINER CORPORATION OF INDIA LTD - TONDIARPET (ICDTV-T)	85.2	74.0	Kribhco ICD, Meerut	167.8	152.0
Continental Warehousing Corporation Nhava Sheva Ltd ICD, Haryana	145.7	125.8	MMLP AHMEDGARH (PLIL)	169.3	-
Dronagiri Rail Terminal CFS, Navi Mumbai	100.2	109.2	MMLP BALLI	146.7	122.2
Gateway Rail ICD, Sahnewal	120.5	115.8	MMLP BARHI	157.4	166.0
Hind Terminals Logistics Park ICD, Palwal	142.3	157.5	MMLP KHATUWAS	121.7	133.9
HTPL ICD Qilaraipur Ludhiana	181.9	158.4	MMLP MIHAN	144.4	143.6
ICD ANKLESHWAR	98.6	94.4	MMLP PANTHNAGAR (SIDCUL-CONCOR)	108.6	-
ICD BGKT, JODHPUR	78.4	94.4	MMLP TIHI	203.0	209.8
ICD DAULATABAD	137.3	132.7	MMLP VARNAMA	197.1	171.4
ICD DDL, LUDHIANA	68.7	76.3	MMLP VISHAKAPATNAM	104.8	78.4
ICD KANPUR	93.8	102.1	Pegasus Inland Container Depot	154.8	123.9
ICD KHODIYAR	97.6	97.1	PSCT HARBOUR OF MADRAS	61.1	-
ICD KIFTPL Kashipur	138.3	-	The Thar Dry Port ICD Ahmedabad	163.7	148.7
ICD MANDIDEEP	158.0	162.5	The Thar Dry Port Jodhpur	109.3	100.1
ICD Pali (KIPL)	99.8	91.2	Vaishno Container Terminal-ICD Tarapur	85.2	102.8

Trend Analysis

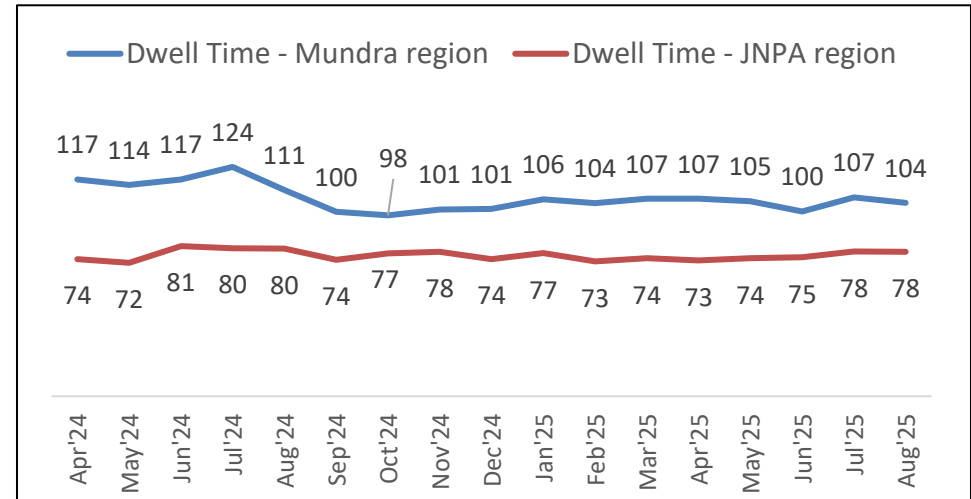
Western Corridor Port: Yearly Analysis

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

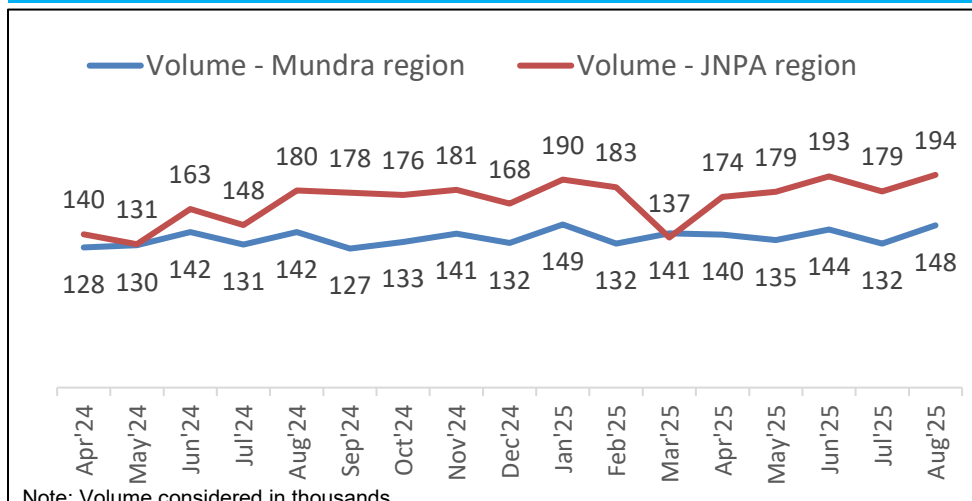
Import Dwell Time – Mundra Region Vs JNPA Region



Export Dwell Time – Mundra Region Vs JNPA Region

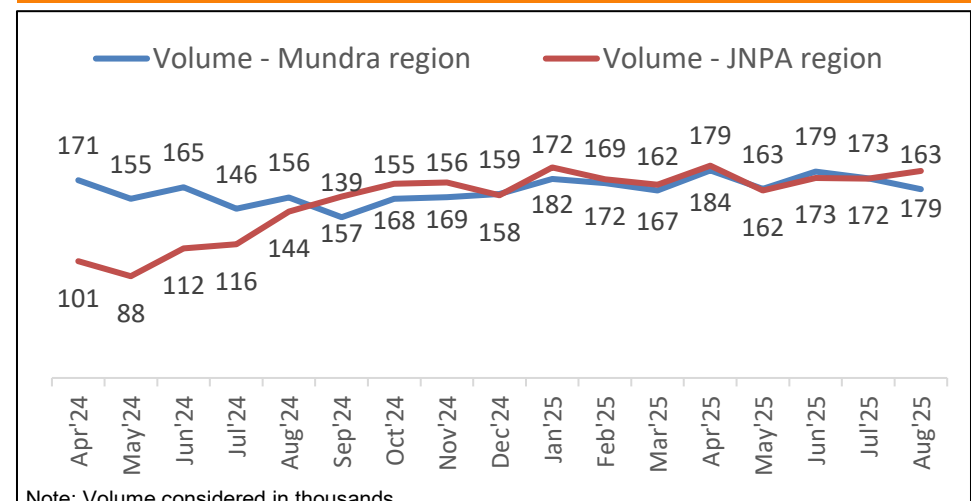


Import Volume – Mundra Region Vs JNPA Region



Note: Volume considered in thousands

Export Volume – Mundra Region Vs JNPA Region

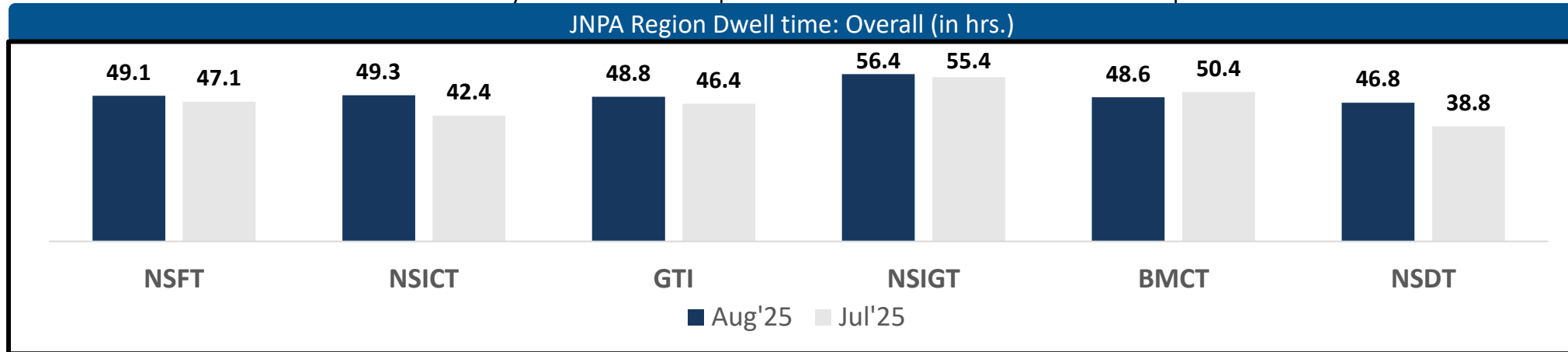


Note: Volume considered in thousands

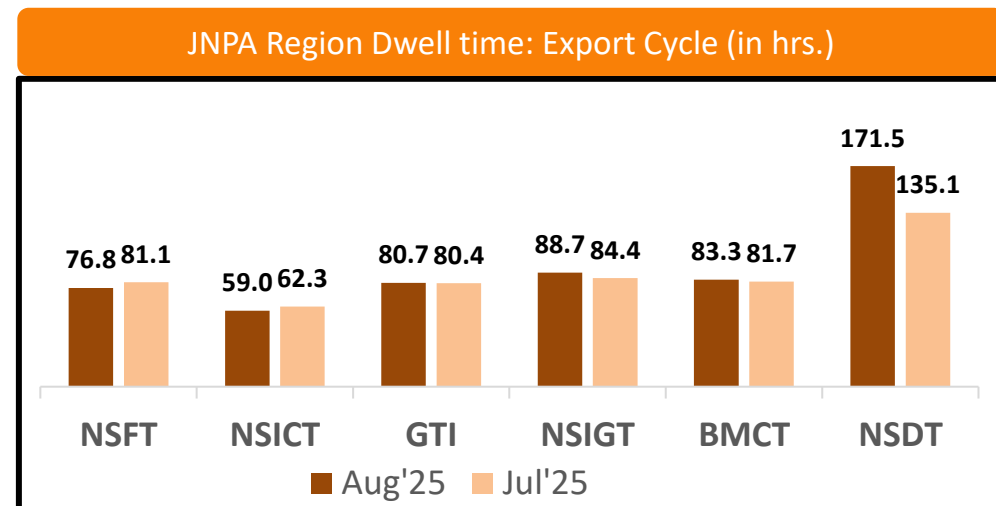
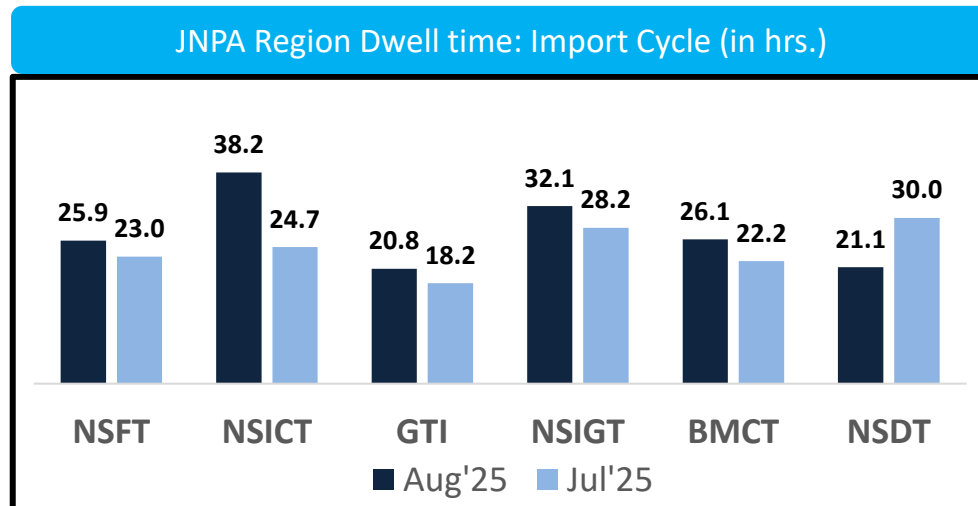
JNPA Port Dwell Time Trend: Month on Month

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 Aug'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 Aug'25

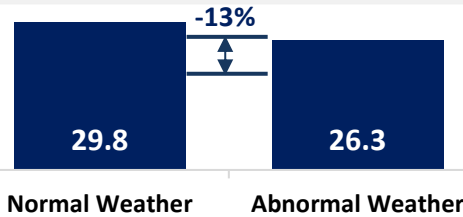


- Normal Weather Conditions includes **clear sky, sunny, overcast and partially cloudy** weather
- Abnormal Weather Conditions includes **rainy and overcast rainy** weather

IMPORT CYCLE

Aug'25

Dwell Time
(in hrs.)



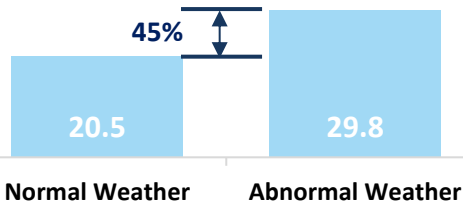
Volume
% share

17%

83%

Yearly
(Jan'24
to
Dec'24)

Dwell Time
(in hrs.)



Volume
% share

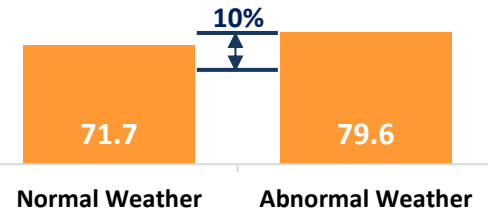
66%

34%

EXPORT CYCLE

Aug'25

Dwell Time
(in hrs.)



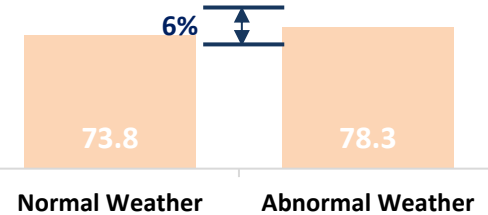
Volume
% share

16%

84%

Yearly
(Jan'24
to
Dec'24)

Dwell Time
(in hrs.)



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 Aug'25 (in hrs)	Abnormal Weather Aug'25 (in hrs)
Nhava Sheva Freeport Terminal (NSFT)	27.4	25.3
Nhava Sheva International Container Terminal (NSICT)	35.7	39.0
Gateway Terminals India (GTI)	24.0	20.6
Nhava Sheva India Gateway Terminal (NSIGT)	43.1	30.5
Bharat Mumbai Container Terminals(PSA)	25.9	26.0
Nhava Sheva Distribution Terminal (NSDT)	59.4	20.1

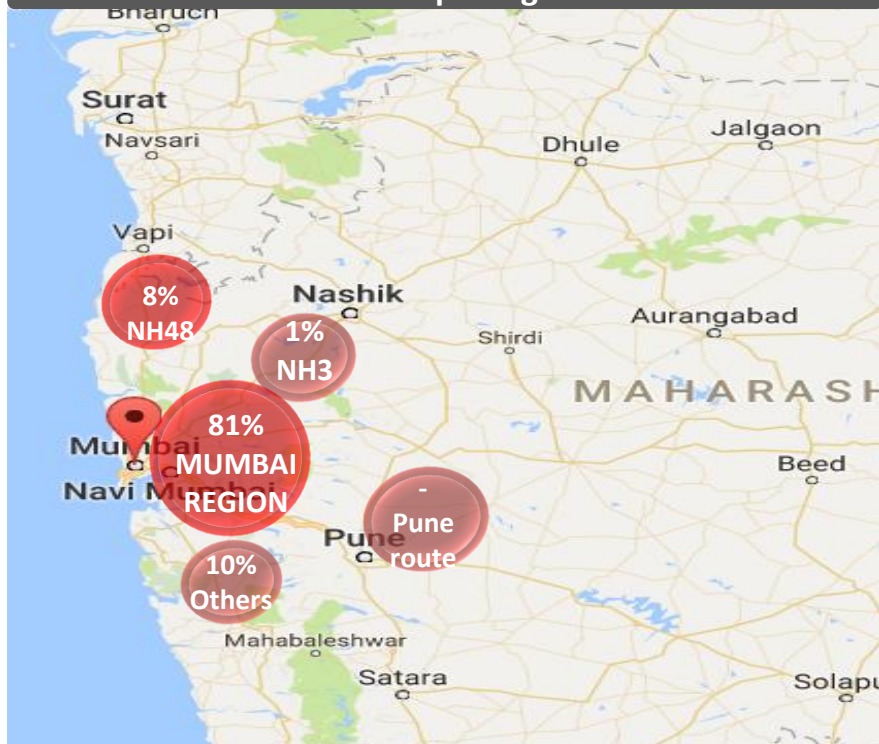
EXPORT CYCLE		
Terminal Name	Normal Weather Aug'25 (in hrs)	Abnormal Weather Aug'25 (in hrs)
Nhava Sheva Freeport Terminal (NSFT)	75.7	78.1
Nhava Sheva International Container Terminal (NSICT)	53.0	59.7
Gateway Terminals India (GTI)	72.6	83.0
Nhava Sheva India Gateway Terminal (NSIGT)	87.5	89.4
Bharat Mumbai Container Terminals(PSA)	73.9	85.1
Nhava Sheva Distribution Terminal (NSDT)	-	171.5

ANNEXURE

Container Movement Around JNPA Port Terminal Region Via Truck

HEAT MAP : GTI Port Terminal

Heat Map : Aug'25

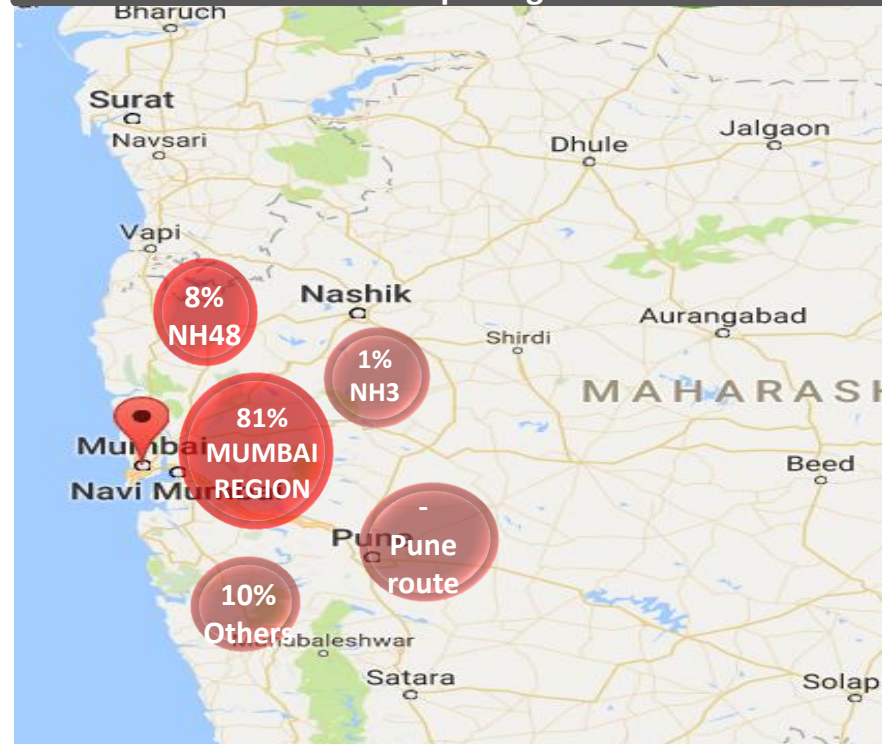


Region	Aug'25	Jul'25
Mumbai region	81%	79%
NH3	1%	1%
Pune	-	-
NH48	8%	10%
others	10%	10%

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

HEAT MAP : NSFT Port Terminal

Heat Map : Aug'25



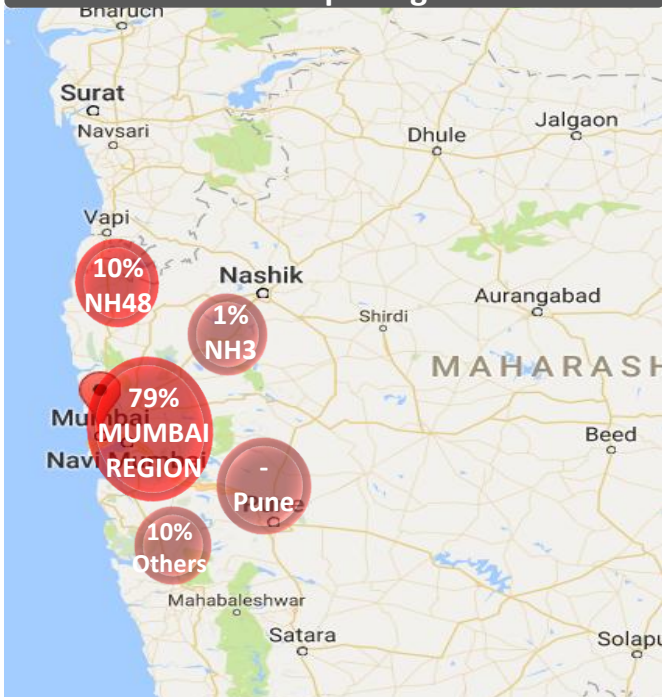
Region	Aug'25	Jul'25
Mumbai region	81%	80%
NH3	1%	1%
Pune	-	-
NH48	8%	9%
others	10%	10%

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 : Aug'25

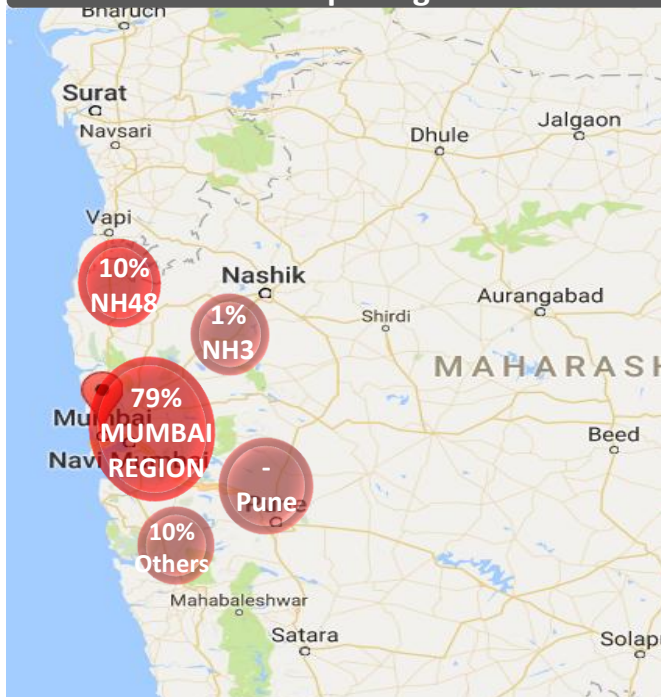


Region	Aug'25	Jul'25
Mumbai region	79%	77%
NH3	1%	1%
Pune	-	-
NH48	10%	12%
others	10%	10%

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

HEAT MAP : NSICT Port Terminal

Heat Map : Aug'25

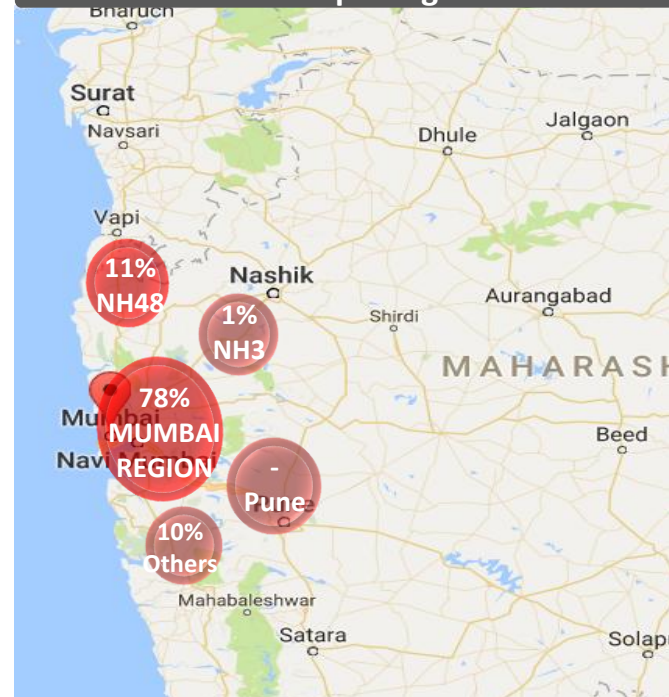


Region	Aug'25	Jul'25
Mumbai region	79%	78%
NH3	1%	1%
Pune	-	-
NH48	10%	11%
others	10%	10%

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

HEAT MAP : BMCT Port Terminal

Heat Map : Aug'25



Region	Aug'25	Jul'25
Mumbai region	78%	80%
NH3	1%	1%
Pune	-	-
NH48	11%	9%
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) – Aug'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	4.2	3.4	3.9	4.2	3.6	-
Ameya Logistics CFS, Navi Mumbai	2.6	2.7	2.8	2.9	2.6	-
APM (Maersk India) CFS, Navi Mumbai	2.0	2.3	1.9	2.0	2.0	-
Apollo Logisolutions CFS, Panvel	4.5	4.8	5.7	4.3	4.5	-
Ashte Logistics CFS, Panvel	3.1	2.8	2.9	2.8	2.7	2.0
Balmer & Lawrie CFS, Navi Mumbai	2.6	2.4	2.0	1.9	2.0	1.8
Continental Warehousing CFS, Navi Mumbai	2.0	1.9	2.1	1.8	1.6	-
CWC Conex Terminal CFS	2.3	2.4	2.7	2.4	2.1	2.7
CWC Dronagiri CFS, Navi Mumbai	2.5	2.2	2.0	2.9	2.0	1.2
CWC Impex Park CFS, Navi Mumbai	2.7	2.8	2.7	2.8	3.2	-
CWC Polaris logistics park	2.1	2.2	2.5	2.0	2.0	1.8
EFC Logistics India	1.7	2.5	2.2	2.3	2.0	-
Gateway Distriparks CFS, Navi Mumbai	3.6	3.3	3.5	2.8	2.5	-
International Cargo Terminal CFS	2.0	2.3	2.5	2.3	2.1	-
International Cargo Terminals (ULA) CFS, Navi Mumbai	2.2	2.4	2.2	1.9	2.0	-
JWC Logistics Park CFS	2.1	2.8	4.7	3.4	3.1	-

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

Port Out – CFS In (Import Cycle) – Aug'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	4.4	4.3	10.5	2.9	4.4	-
Kerry Indev Logistics CFS,Mumbai	3.6	3.7	3.6	2.7	3.6	5.6
Maersk Annex (APM)CFS, Navi Mumbai	2.6	2.2	2.2	1.7	2.1	-
Maharashtra State Corp CFS	3.1	2.6	2.1	2.6	1.9	-
Navkar Corporation Yard 1 CFS, Panvel	4.5	2.6	3.4	3.1	3.5	1.9
Navkar Corporation Yard 2 CFS, Panvel	3.2	3.7	4.7	4.0	3.9	-
Navkar Corporation Yard 3 CFS, Panvel	2.9	3.4	4.3	3.3	3.5	1.7
Ocean Gate CFS, Panvel	3.5	3.2	3.5	3.2	3.1	-
Punjab Conware CFS, Navi Mumbai	1.6	2.0	1.9	2.2	1.8	-
Sarveshwar CFS	2.4	2.8	3.6	2.6	2.7	-
SBW Logistics CFS, Navi Mumbai	3.5	4.4	6.4	3.7	3.7	-
Seabird CFS, Navi Mumbai	4.9	4.6	4.5	4.0	4.4	-
Speedy Multimode CFS, JNPT	1.6	1.8	1.9	1.7	1.8	-
Take Care Logistics CFS	3.0	4.3	3.2	3.4	3.4	-
Transworld Terminals CFS,Mumbai	1.4	1.5	1.7	1.5	1.5	1.2
Vaishno Logistics CFS, Navi Mumbai	2.1	3.3	2.3	3.0	2.0	-

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

CFS Out – Port In (Export Cycle) – Aug'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	4.2	3.4	3.9	4.2	3.6	-
Ameya Logistics CFS, Navi Mumbai	2.6	2.7	2.8	2.9	2.6	-
APM (Maersk India) CFS, Navi Mumbai	2.0	2.3	1.9	2.0	2.0	-
Apollo Logisolutions CFS, Panvel	4.5	4.8	5.7	4.3	4.5	-
Ashte Logistics CFS, Panvel	3.1	2.8	2.9	2.8	2.7	2.0
Balmer & Lawrie CFS, Navi Mumbai	2.6	2.4	2.0	1.9	2.0	1.8
Continental Warehousing CFS, Navi Mumbai	2.0	1.9	2.1	1.8	1.6	-
CWC Conex Terminal CFS	2.3	2.4	2.7	2.4	2.1	2.7
CWC Dronagiri CFS, Navi Mumbai	2.5	2.2	2.0	2.9	2.0	1.2
CWC Impex Park CFS, Navi Mumbai	2.7	2.8	2.7	2.8	3.2	-
CWC Polaris logistics park	2.1	2.2	2.5	2.0	2.0	1.8
EFC Logistics India	1.7	2.5	2.2	2.3	2.0	-
Gateway Distriparks CFS, Navi Mumbai	3.6	3.3	3.5	2.8	2.5	-
International Cargo Terminal CFS	2.0	2.3	2.5	2.3	2.1	-
International Cargo Terminals (ULA) CFS, Navi Mumbai	2.2	2.4	2.2	1.9	2.0	-

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

CFS Out – Port In (Export Cycle) – Aug'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
JWC Logistics Park CFS	2.1	2.8	4.7	3.4	3.1	-
JWR CFS	4.4	4.3	-	2.9	4.4	-
Kerry Indev Logistics CFS,Mumbai	3.6	3.7	3.6	2.7	3.6	5.6
Maersk Annex (APM)CFS, Navi Mumbai	2.6	2.2	2.2	1.7	2.1	-
Maharashtra State Corp CFS	3.1	2.6	2.1	2.6	1.9	-
Navkar Corporation Yard 1 CFS, Panvel	4.5	2.6	3.4	3.1	3.5	1.9
Navkar Corporation Yard 2 CFS, Panvel	3.2	3.7	4.7	4.0	3.9	-
Navkar Corporation Yard 3 CFS, Panvel	2.9	3.4	4.3	3.3	3.5	1.7
Ocean Gate CFS, Panvel	3.5	3.2	3.5	3.2	3.1	-
Punjab Conware CFS, Navi Mumbai	1.6	2.0	1.9	2.2	1.8	-
Sarveshwar CFS	2.4	2.8	3.6	2.6	2.7	-
SBW Logistics CFS, Navi Mumbai	3.5	4.4	6.4	3.7	3.7	-
Seabird CFS, Navi Mumbai	4.9	4.6	4.5	4.0	4.4	-
Speedy Multimode CFS, JNPT	1.6	1.8	1.9	1.7	1.8	-
Take Care Logistics CFS	3.0	4.3	3.2	3.4	3.4	-
Transworld Terminals CFS,Mumbai	1.4	1.5	1.7	1.5	1.5	1.2
Vaishno Logistics CFS, Navi Mumbai	2.1	3.3	2.3	3.0	2.0	-

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					CFS Cluster : NSFT Terminal					CFS Cluster : NSDT Terminal				
GTI terminal for month of Aug'25					NSFT terminal for month of Aug'25					NSDT terminal for month of Aug'25				
Clusters	No. of CFS's in Cluster	Distance from Port (Km)	Import cycle time (in Hrs)	Export cycle time (in Hrs)	Clusters	No. of CFS's in Cluster	Distance from Port (Km)	Import cycle time (in Hrs)	Export cycle time (in Hrs)	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	3.8	Cluster 1	1	8	1.6	4.1	Cluster 1	1	8	-	-
Cluster 2	6	13	2.6	3.3	Cluster 2	6	13	2.7	4.1	Cluster 2	6	13	1.8	-
Cluster 3	6	11	3.4	2.5	Cluster 3	6	11	2.8	4.6	Cluster 3	6	11	-	-
Cluster 4	1	13	3.3	3.4	Cluster 4	1	13	2.1	3.1	Cluster 4	1	13	-	-
Cluster 5	2	25	2.9	4.2	Cluster 5	2	25	2.7	4.2	Cluster 5	2	25	-	-
Cluster 6	6	25	3.3	4.4	Cluster 6	6	25	3.4	3.8	Cluster 6	6	25	1.9	2.6
Cluster 7	4	12	2.7	3.2	Cluster 7	4	12	2.6	4.6	Cluster 7	4	12	-	-
Cluster 8	1	34	4.4	-	Cluster 8	1	34	3.5	-	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

CFS Cluster : NSIGT Terminal

CFS Cluster : BMCT Terminal

NSICT terminal for month of Aug'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	4.6
Cluster 2	6	13	2.4	6.2
Cluster 3	6	11	2.8	6.0
Cluster 4	1	13	2.3	6.1
Cluster 5	2	25	4.3	6.5
Cluster 6	6	25	3.9	8.0
Cluster 7	4	12	2.8	8.2
Cluster 8	1	34	6.4	-

NSIGT terminal for month of Aug'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	2.3
Cluster 2	6	13	2.2	3.4
Cluster 3	6	11	3.3	3.0
Cluster 4	1	13	3.1	3.7
Cluster 5	2	25	3.3	3.5
Cluster 6	6	25	3.5	4.4
Cluster 7	4	12	2.9	3.5
Cluster 8	1	34	3.7	-

BMCT terminal for month of Aug'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	5.5
Cluster 2	6	13	2.2	5.8
Cluster 3	6	11	3.0	7.2
Cluster 4	1	13	2.0	6.9
Cluster 5	2	25	3.1	9.5
Cluster 6	6	25	3.5	7.6
Cluster 7	4	12	2.6	6.4
Cluster 8	1	34	3.7	-

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 Aug'25

City	BMCT	GTI	NSFT	NSIGT	NSICT	Overall
Agra	43.1	-	-	19.9	-	68.5
Ankaleshwar	48.6	50.5	60.8	37.7	-	53.9
Dadri	43.2	-	65.8	77.5	82.9	47.8
Daulatabad	38.3	25.3	31.7	63.0	51.0	43.6
Indore	48.4	-	65.1	40.1	59.2	54.2
Kanpur	69.5	52.9	-	-	59.7	70.8
Khodiyar	77.4	45.6	34.5	66.8	75.3	72.7
Ludhiana	43.2	55.2	65.1	-	81.7	65.4
Mandideep	88.5	-	77.2	69.0	44.1	78.4
Moradabad	33.5	32.9	-	73.1	37.7	34.3
Nagpur	41.5	-	70.4	58.5	74.1	54.1
Navi Mumbai	50.4	38.7	22.3	44.6	-	40.0
Sanatnagar	52.0	-	56.4	44.2	-	46.2
Thimmapur	56.6	-	-	97.0	84.5	89.5
Tughlakabad	47.3	-	43.3	73.3	-	54.9
Umbergaon	-	-	-	-	77.1	77.1

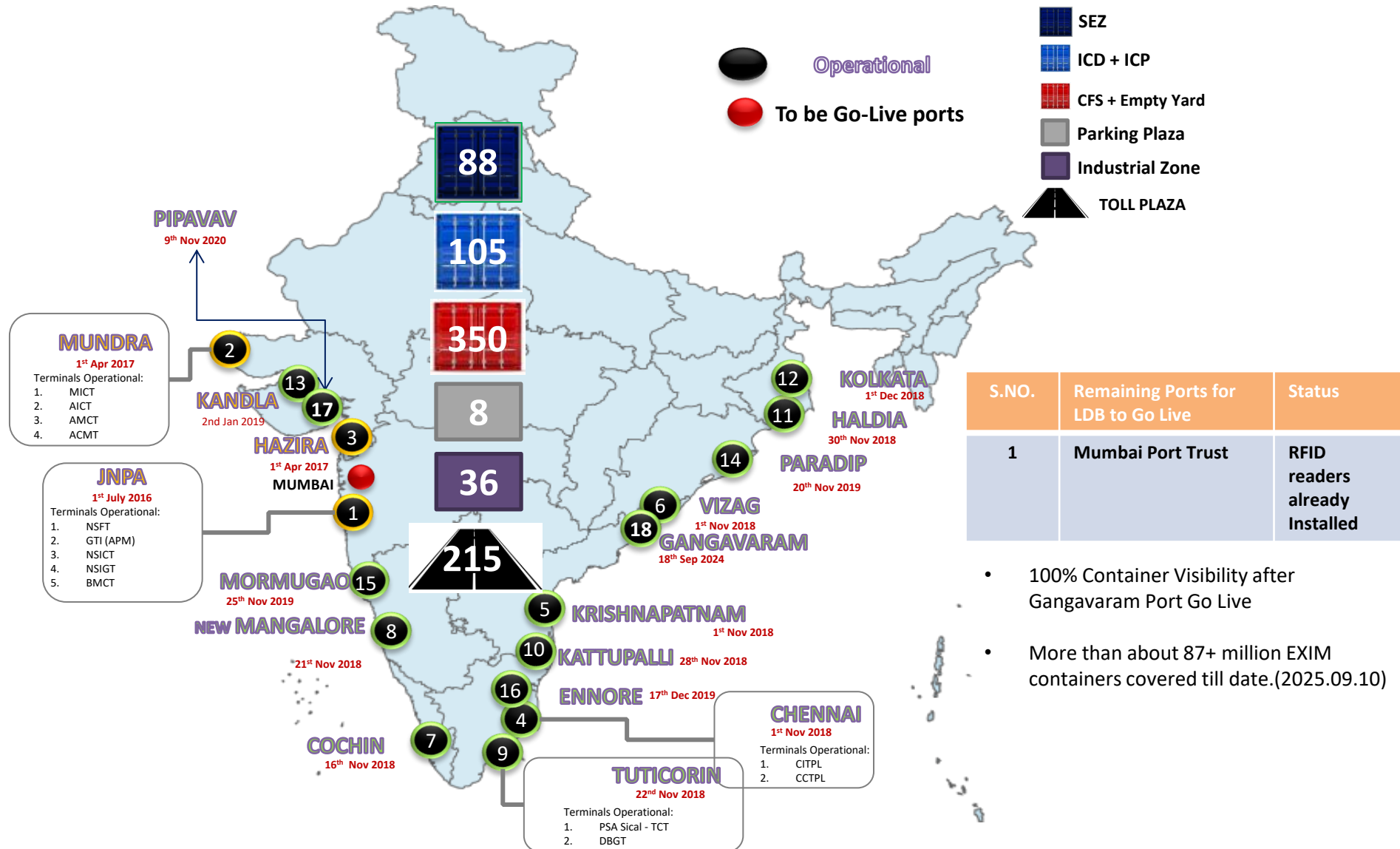
JNPA Region: Destination-wise Dwell Time- Import

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 Aug'25

CFS	BMCT	GTI	NSFT	NSIGT	NSICT	Overall
AllCargo Logistics	22.1	-	-	24.1	28.5	23.4
Ameya Logistics CFS, Navi Mumbai	22.4	-	18.7	28.2	38.7	25.1
APM (Maersk India) CFS, Navi Mumbai	28.7	18.4	16.4	25.5	-	44.7
Apollo Logisolutions CFS, Panvel	25.3	17.4	17.0	20.6	21.3	20.5
Ashte Logistics CFS, Panvel	15.0	13.1	-	25.9	20.3	16.0
Balmer & Lawrie CFS, Navi Mumbai	29.3	20.8	19.6	27.7	20.2	24.0
Continental Warehousing CFS, Navi Mumbai	20.5	21.0	21.3	27.0	-	22.2
CWC Impex Park	25.4	18.5	27.3	28.4	47.6	24.5
Dronagiri Rail Terminal CFS, Navi Mumbai	18.0	17.4	15.1	21.8	-	18.2
EFC Logistics	15.3	13.4	15.1	20.3	19.5	15.6
Gateway Distriparks CFS, Navi Mumbai	20.0	16.3	17.0	28.2	31.0	21.0
International Cargo Terminals (ULA) CFS, Navi Mumbai	-	-	-	25.3	22.4	23.9
JWC Logistics Park CFS	21.1	13.8	15.9	23.2	19.9	18.6
Kerry Indev Logistics Pvt Ltd CFS	-	-	19.1	24.0	13.5	22.2
Maharashtra State Corp CFS	20.8	21.0	43.9	23.9	43.8	23.6
Navkar Corporation	19.6	16.2	17.2	33.9	28.1	20.0
Ocean Gate CFS, Panvel	17.2	14.4	15.5	22.7	30.8	17.3
Sarveshwar Logistics	15.3	16.1	-	16.1	20.4	16.7
SBW Logistics CFS, Navi Mumbai	48.0	-	48.4	47.7	-	48.0
Seabird CFS, Navi Mumbai	41.4	-	23.6	54.5	63.2	47.0
Speedy Multimode CFS, JNPT	16.7	-	-	20.0	21.6	18.3
Take Care Logistics	22.5	-	-	-	33.8	25.0
TG Terminals	25.7	-	21.4	22.5	30.0	25.5
Vaishno Logistics CFS, Navi Mumbai	21.0	29.9	36.4	36.0	33.2	28.9

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	Adani CFS Eximyard, Mundra	21	APM (Maersk India) CFS, Navi Mumbai
2	CWC Polaris logistics park	22	Continental Warehousing CFS, Navi Mumbai
3	CWC Conex Terminal CFS	23	Rishi CFS, Mundra
4	Gateway Distriparks CFS, Navi Mumbai	24	Balmer & Lawrie CFS, Navi Mumbai
5	JWR CFS	25	Adani CFS, Hazira
6	International Cargo Terminals (ULA) CFS, Navi Mumbai	26	Transworld Terminals CFS, Mumbai
7	Ameya Logistics CFS, Navi Mumbai	27	Maharashtra State Corp CFS
8	Seabird CFS, Mundra	28	Sarveshwar CFS
9	Punjab Conware CFS, Navi Mumbai	29	Ocean Gate CFS, Panvel
10	Seabird CFS, Navi Mumbai	30	Navkar Corporation Yard 2 CFS, Panvel
11	Speedy Multimode CFS, JNPT	31	CWC Impex Park CFS, Navi Mumbai
12	EFC Logistics India	32	Maersk Annex (APM) CFS, Navi Mumbai
13	CWC Dronagiri CFS, Navi Mumbai	33	TG Terminals CFS, Mundra
14	JWC Logistics Park CFS	34	AllCargo CFS, Mundra
15	International Cargo Terminal CFS	35	Apollo Logisolutions CFS, Panvel
16	Navkar Corporation Yard 3 CFS, Panvel	36	Take Care Logistics CFS
17	AllCargo Logistics CFS, Mumbai	37	Navkar Corporation Yard 1 CFS, Panvel
18	Ashte Logistics CFS, Panvel	38	Kerry Indev Logistics CFS, Mumbai
19	Landmark CFS, Mundra	39	Vaishno Logistics CFS, Navi Mumbai
20	Hind Terminal CFS, Hazira	40	CWC CFS, Mundra

Methodology

Step 1

CFSs are divided into clusters based on their vicinity

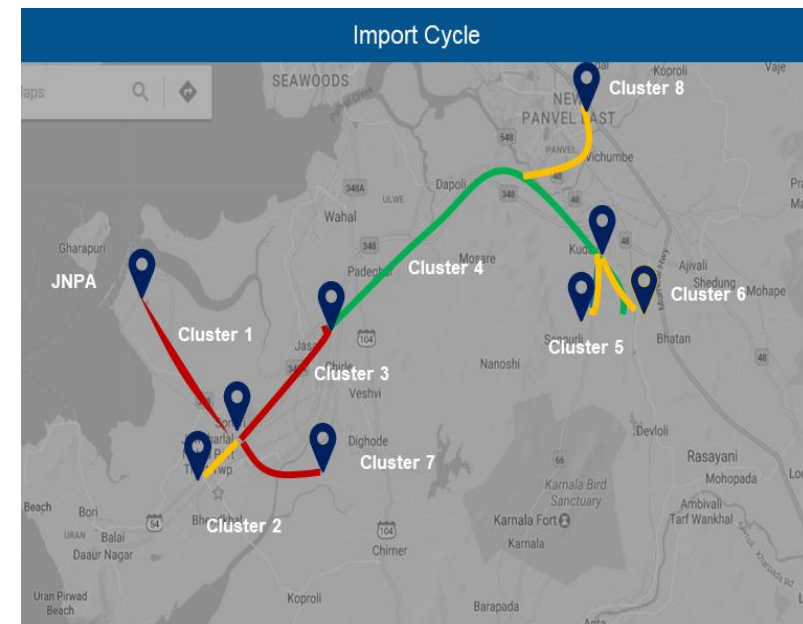
Step 2

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 left portion of the image, and a green circular graphic with a grid pattern is centered over the middle of the container stacks.

THANK YOU