



NLDS
NICDC LOGISTICS DATA SERVICES LTD
Logistics Redefined

LOGISTICS DATA BANK

QUARTERLY ANALYTICS REPORT

2023 | JULY – AUGUST - SEPTEMBER

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**NATIONAL LOGISTICS
POLICY**
LAUNCHED BY
SHRI NARENDRA MODI
PRIME MINISTER
* IN THE AUGUST PRESENCE OF *

Shri Nitin Jairam Gadkari Minister, Road Transport and Highways	Smt. Nirmala Sitharaman Minister, Finance and Corporate Affairs
Shri Piyush Goyal Minister, Commerce & Industry; Consumer Affairs, Food and Public Distribution; and Textiles	Shri Dharmendra Pradhan Minister, Education and Skill Development and Entrepreneurship
Shri Sarbananda Sonowal Minister, Port, Shipping and Waterways; and AYUSH	Shri Jyotiraditya M. Scindia Minister, Civil Aviation; and Steel
Shri Ashwini Vaishnaw Minister, Railways; Communications; and Electronics and Information Technology	Shri Som Prakash Minister of State for Commerce & Industry
Smt. Anupriya Patel Minister of State for Commerce & Industry	



NATIONAL LOGISTICS POLICY

LAUNCHED BY HON'BLE PRIME MINISTER **SHRI NARENDRA MODI** ON 17th SEPTEMBER 2022

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SHOWCASING THE PROGRESS OF
EXIM CONTAINER TRACKING

TRACKED
50+ MILLION CONTAINERS

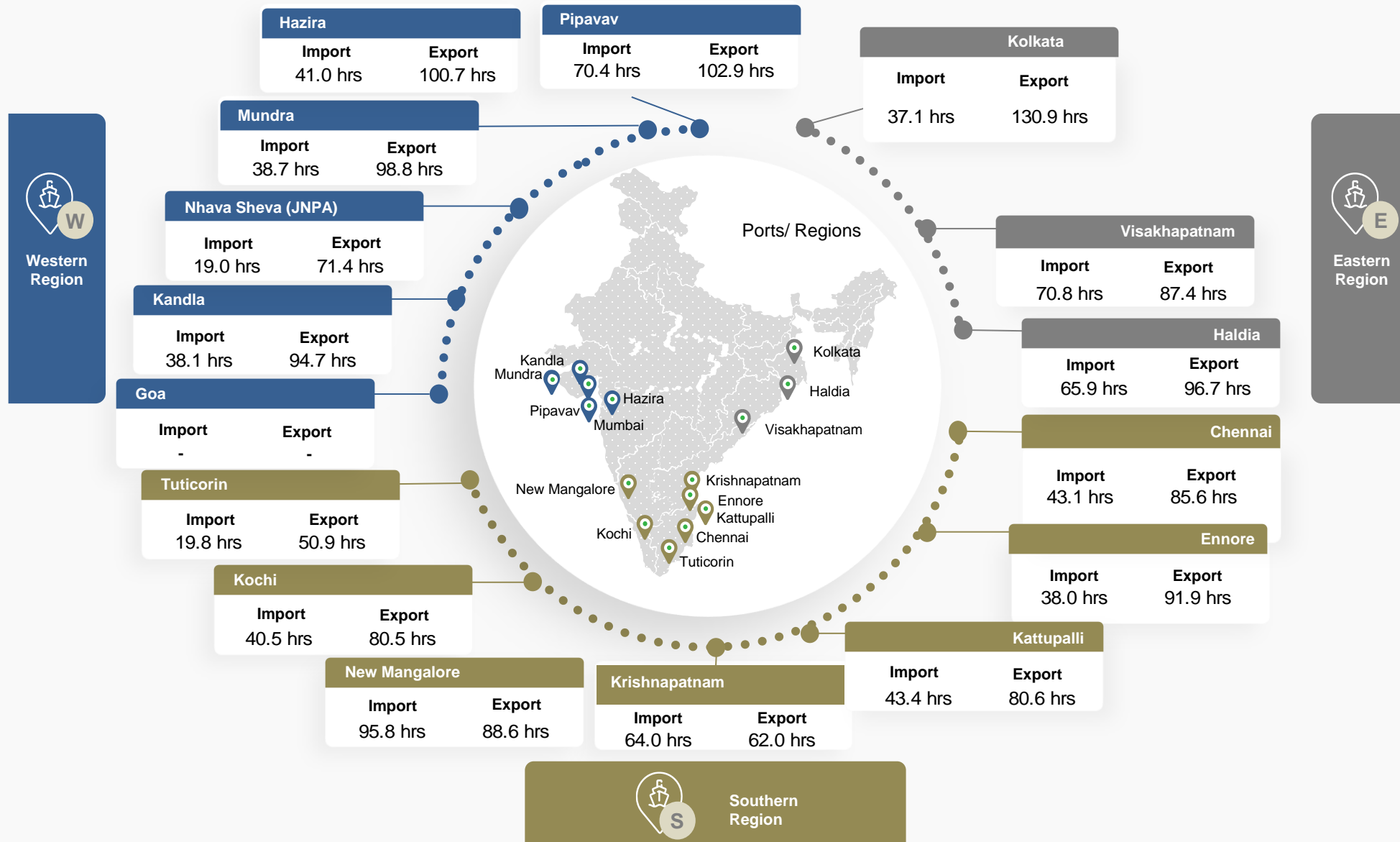
01 PAN INDIA PORT PERFORMANCE





TEAM - NICDC LOGISITICS DATA SERVICES LTD.





Dwell Time Performance: PAN India



Note: Goa has zero volume.




Critical Incident Summary

Western Region

Month	Import Dwell Time	Export Dwell Time	CFS Dwell Time	ICD Dwell Time
JAS'23	26.1 hrs 	84.6 hrs 	89.1 hrs 	127.1 hrs 
AMJ'23	27.4 hrs	86.7 hrs	86.9 hrs	130.8 hrs
MoM % Change	4.7%	2.4%	2.5%	2.8%




For more details about Western Region, please go to [Page 15](#)

Southern Region

Month	Import Dwell Time	Export Dwell Time	CFS Dwell Time
JAS'23	39.9 hrs 	79.2 hrs 	104.2 hrs 
AMJ'23	37.7 hrs	77.9 hrs	108.0 hrs
MoM % Change	5.8%	1.7%	3.5%

For more details about Southern Region, please go to [Page 29](#)

Eastern Region

Month	Import Dwell Time	Export Dwell Time	CFS Dwell Time
JAS'23	52.7 hrs 	100.3 hrs 	139.4 hrs 
AMJ'23	50.6 hrs	99 hrs	143.3 hrs
MoM % Change	4.2%	1.3%	2.7%

For more details about Eastern Region, please go to [Page 42](#)

Port Dwell Time (Import Cycle)

IMPORT

	OND'22 (in hrs)	JFM'23 (in hrs)	AMJ'23 (in hrs)	JAS'23 (in hrs)
Western Region	24.5	28.1	27.4	26.1
JNPA	20.8	25.2	20.8	19.0
Mundra	28.0	32.1	37.9	38.7
Pipavav	49.3	43.2	64.8	70.4
Kandla	45.4	21.8	29.1	38.1
Hazira	28.3	37.6	44.0	41.0
Southern Region	38.1	39.1	37.7	39.9
Chennai	39.2	39.7	37.5	43.1
Kochi	38.0	48.6	46.3	40.5
Kattupalli	49.8	44.8	49.3	43.4
Tuticorin	20.5	24.0	19.5	19.8
Krishnapatnam	36.6	36.0	63.5	64.0
Ennore	38.2	35.2	36.3	38.0
New Mangalore	79.1	58.9	97.0	95.8
Eastern Region	46.4	43.3	50.6	52.7
Visakhapatnam	54.3	52.0	72.4	70.8
Kolkata	36.6	30.3	32.0	37.1
Haldia	88.0	82.9	66.5	65.9

Port Dwell Time (Export Cycle)

EXPORT

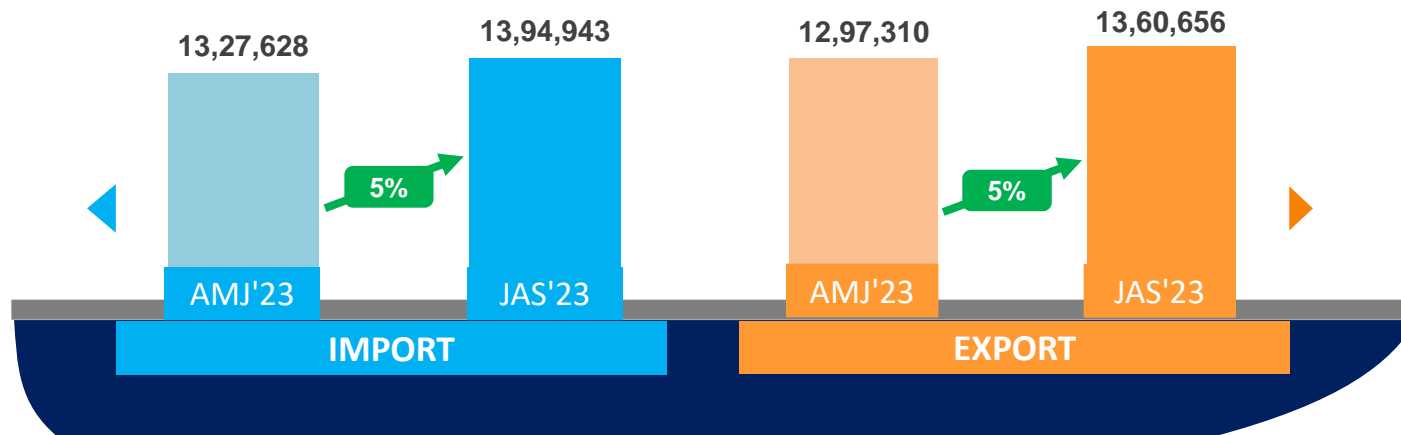
	OND'22 (in hrs)	JFM'23 (in hrs)	AMJ'23 (in hrs)	JAS'23 (in hrs)
Western Region	83.4	84.4	86.7	84.6
JNPA	69.1	71.4	72.2	71.4
Mundra	100.5	102.7	104.9	98.8
Pipavav	110.5	92.6	108.3	102.9
Kandla	117.5	93.8	108.2	94.7
Hazira	111.5	106.0	115.6	100.7
Southern Region	77.7	80.9	77.9	79.2
Chennai	83.6	85.8	85.3	85.6
Kochi	75.3	71.3	79.0	80.5
Kattupalli	84.6	86.0	89.8	80.6
Tuticorin	54.8	64.4	49.6	50.9
Krishnapatnam	61.4	63.6	52.8	62.0
Ennore	98.7	98.6	96.2	91.9
New Mangalore	67.6	77.6	76.4	88.6
Eastern Region	84.9	100.3	99.0	100.3
Visakhapatnam	72.7	83.2	78.6	87.4
Kolkata	95.8	128.0	127.5	130.9
Haldia	96.0	118.8	144.0	96.7

		OND'22	JFM'23	AMJ'23	JAS'23
		(in hrs)	(in hrs)	(in hrs)	(in hrs)
CFS	Western Region	82.8	81.2	86.9	89.1
	JNPA	80.7	79.2	84.4	82.0
	Mundra	84.7	82.7	89.0	95.7
	Pipavav	73.9	86.3	84.7	83.2
	Hazira	98.3	96.3	108.8	106.5
	Southern Region	103.7	102.5	108.0	104.2
	Chennai, Ennore, Kattupalli	101.1	98.4	101.2	95.4
	Kochi	100.7	98.8	102.5	121.4
	Tuticorin	119.9	128.9	141.6	143.4
	Krishnapatnam	100.9	96.9	133.9	129.8
	Eastern Region	131.1	126.0	143.3	139.4
	Visakhapatnam	146.0	138.6	160.4	148.9
	Kolkata	125.3	123.3	134.7	135.9
	Haldia	117.9	114.4	136.1	123.8
ICD	Western Region	114.7	123.1	130.8	127.1

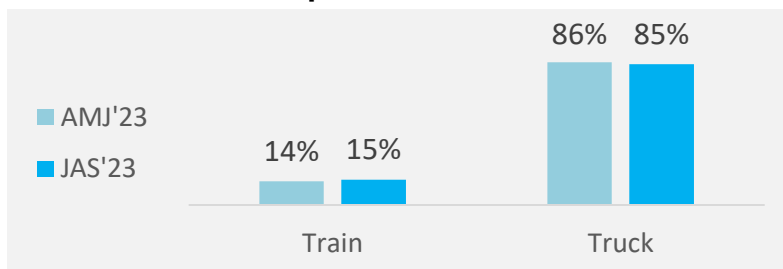
Container Count: PAN India

Below graphs depicts the change in container count during the quarter of JAS'23 w.r.t the last quarter i.e. AMJ'23.

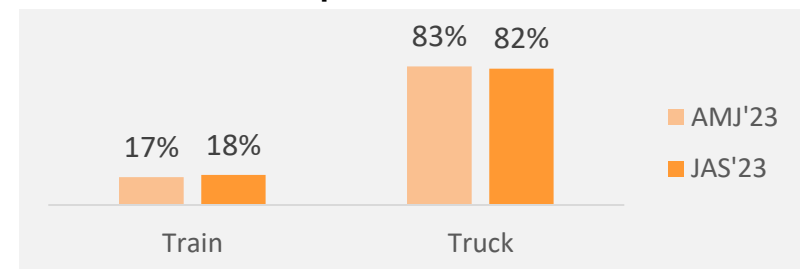
PAN India



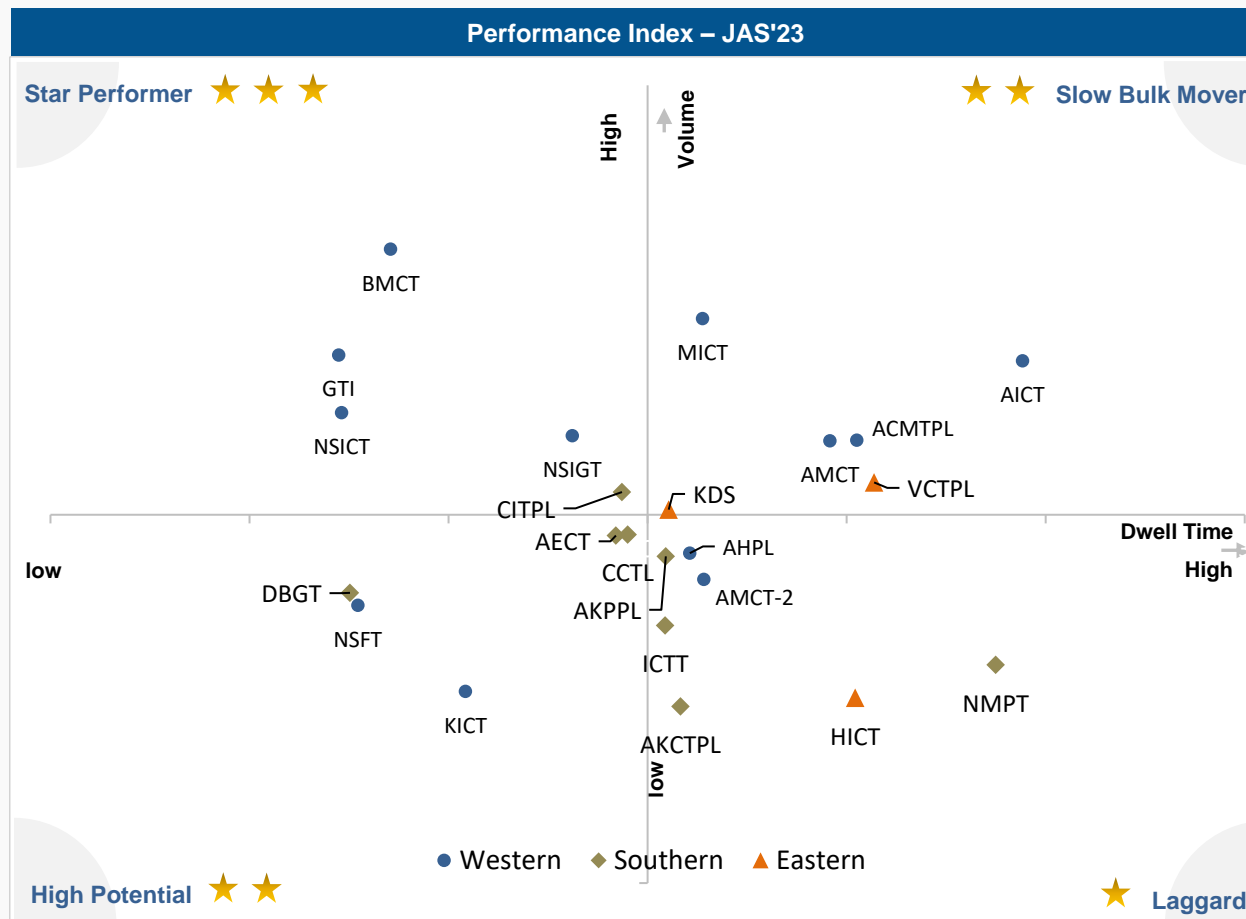
Import Volume %



Export Volume %



Port Performance Benchmarking: PAN India



Star Performer ★ ★ ★

Consist of entities which have catered relatively high container volume in lower dwell time

High Potential ★ ★

Consist of entities which have catered relatively lower container volume in lower dwell time

Slow Bulk Movers ★ ★

Consist of entities which have catered higher container volume in higher dwell time

Laggard ★

Consist of entities which have catered relatively lower container volume at higher dwell time

CFS Performance Benchmarking: PAN India



Top Performing CFS

Adani CFS Eximyard, Mundra

JAS'23

83.2 hrs

Low Performing CFS

Sical Multimodal and Rail Transport Ltd. - CFS Division

JAS'23

196.9 hrs

Star Performer ★ ★ ★

Consist of entities which have catered relatively high container volume in lower dwell time

High Potential ★ ★

Consist of entities which have catered relatively lower container volume in lower dwell time

Slow Bulk Movers ★ ★

Consist of entities which have catered higher container volume in higher dwell time

Laggard ★

Consist of entities which have catered relatively lower container volume at higher dwell time

02

WESTERN REGION PERFORMANCE



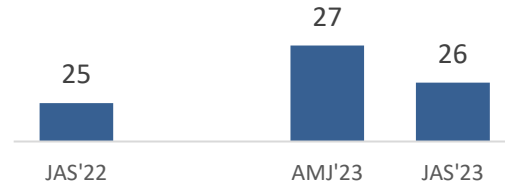


Dwell Time Performance: Western Region

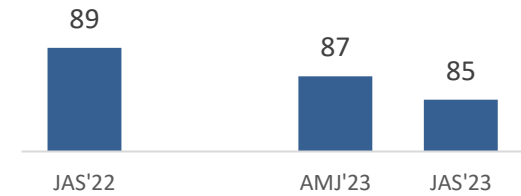
Western Region



IMPORT

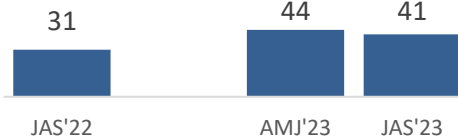


EXPORT

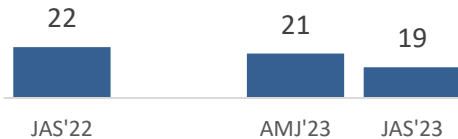


IMPORT

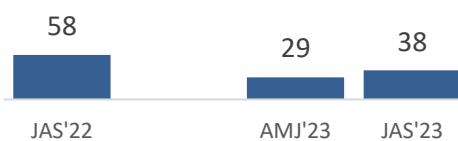
Hazira



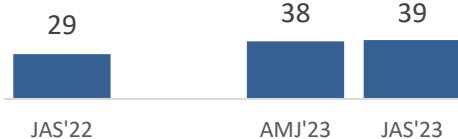
JNPA



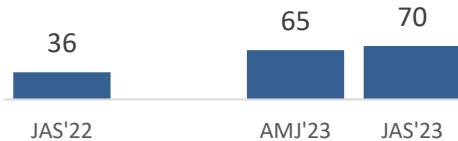
Kandla



Mundra

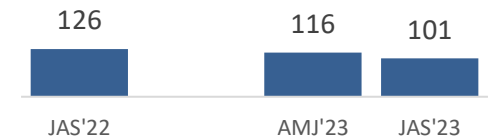


Pipavav

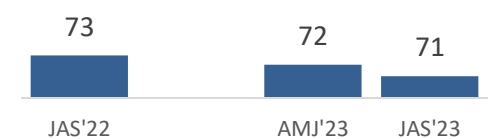


EXPORT

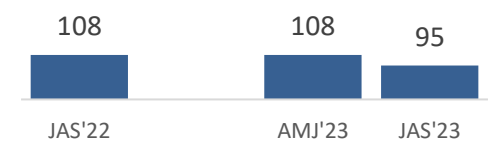
Hazira



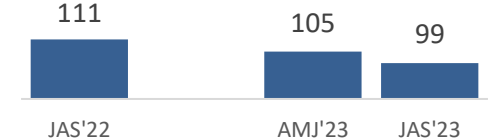
JNPA



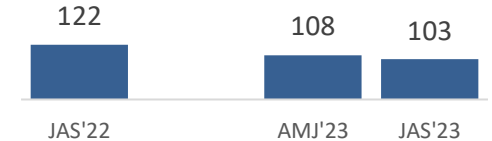
Kandla



Mundra



Pipavav

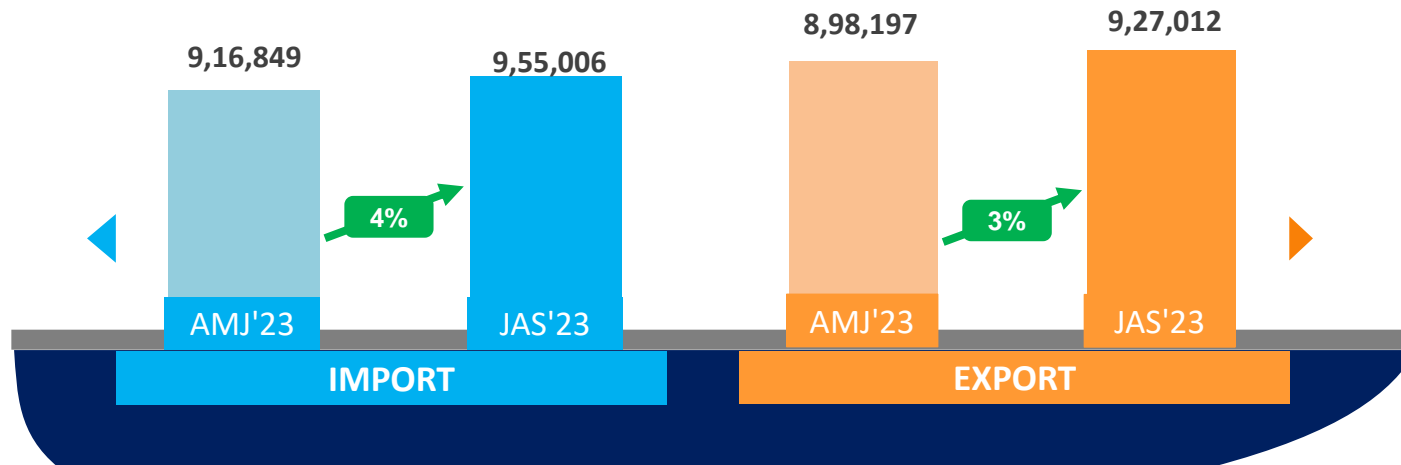


Container Count: Western Region

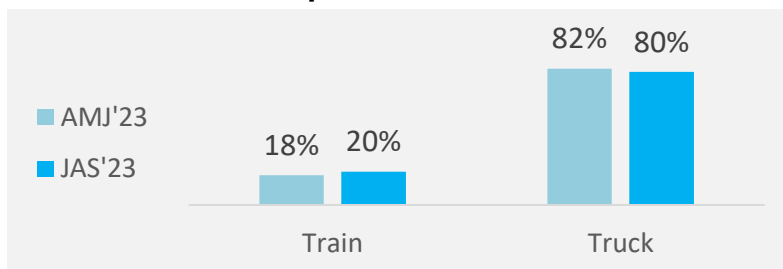
Below graphs depicts the change in container count during the quarter of JAS'23 w.r.t the last quarter i.e. AMJ'23.

W

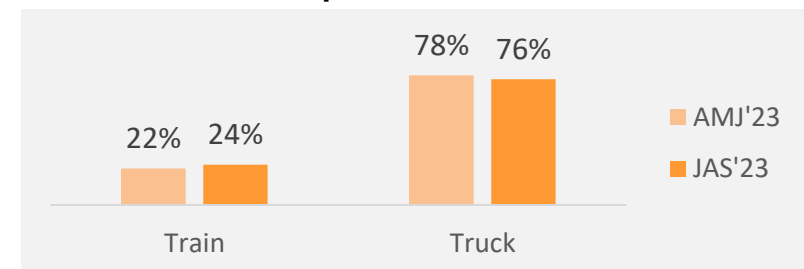
Western Region



Import Volume %



Export Volume %



Port Performance Benchmarking: Western Region



Star Performer ★ ★ ★

Consist of entities which have catered relatively high container volume in lower dwell time

High Potential ★ ★

Consist of entities which have catered relatively lower container volume in lower dwell time

Slow Bulk Movers ★ ★

Consist of entities which have catered higher container volume in higher dwell time

Laggard ★

Consist of entities which have catered relatively lower container volume at higher dwell time

CFS Performance Benchmarking: Western Region



Star Performer ★ ★ ★

Consist of entities which have catered relatively high container volume in lower dwell time

High Potential ★ ★

Consist of entities which have catered relatively lower container volume in lower dwell time

Slow Bulk Movers ★ ★

Consist of entities which have catered higher container volume in higher dwell time

Laggard ★

Consist of entities which have catered relatively lower container volume at higher dwell time

ICD Performance Benchmarking: Western Region



Star Performer ★ ★ ★

Consist of entities which have catered relatively high container volume in lower dwell time

High Potential ★ ★

Consist of entities which have catered relatively lower container volume in lower dwell time

Slow Bulk Movers ★ ★

Consist of entities which have catered higher container volume in higher dwell time

Laggard ★

Consist of entities which have catered relatively lower container volume at higher dwell time

Container Lifecycle (Import Cycle)

Port Dwell Time – Import Cycle

IMPORT

	AMJ'23 (in hrs)	JAS'23 (in hrs)	
Train	47.2	46.9	↑
Truck	17.9	16.6	↑
Overall	20.8	19.0	↑

Transit Time – Import Cycle

IMPORT

	AMJ'23 (in hrs)	JAS'23 (in hrs)	
Port to CFS	2.52	2.49	↑

CFS/ ICD Dwell Time

CFS/ICD

	AMJ'23 (in hrs)	JAS'23 (in hrs)	
CFS	84.4	82.0	↑
ICD	130.8	127.1	↑

EXPORT

	AMJ'23 (in hrs)	JAS'23 (in hrs)	
Train	91.1	82.3	↑
Truck	69.9	69.8	↑
Overall	72.2	71.4	↑

	AMJ'23 (in hrs)	JAS'23 (in hrs)	
CFS to Port	5.01	4.26	↑



The marked entries showcase increase in performance in comparison to AMJ'23



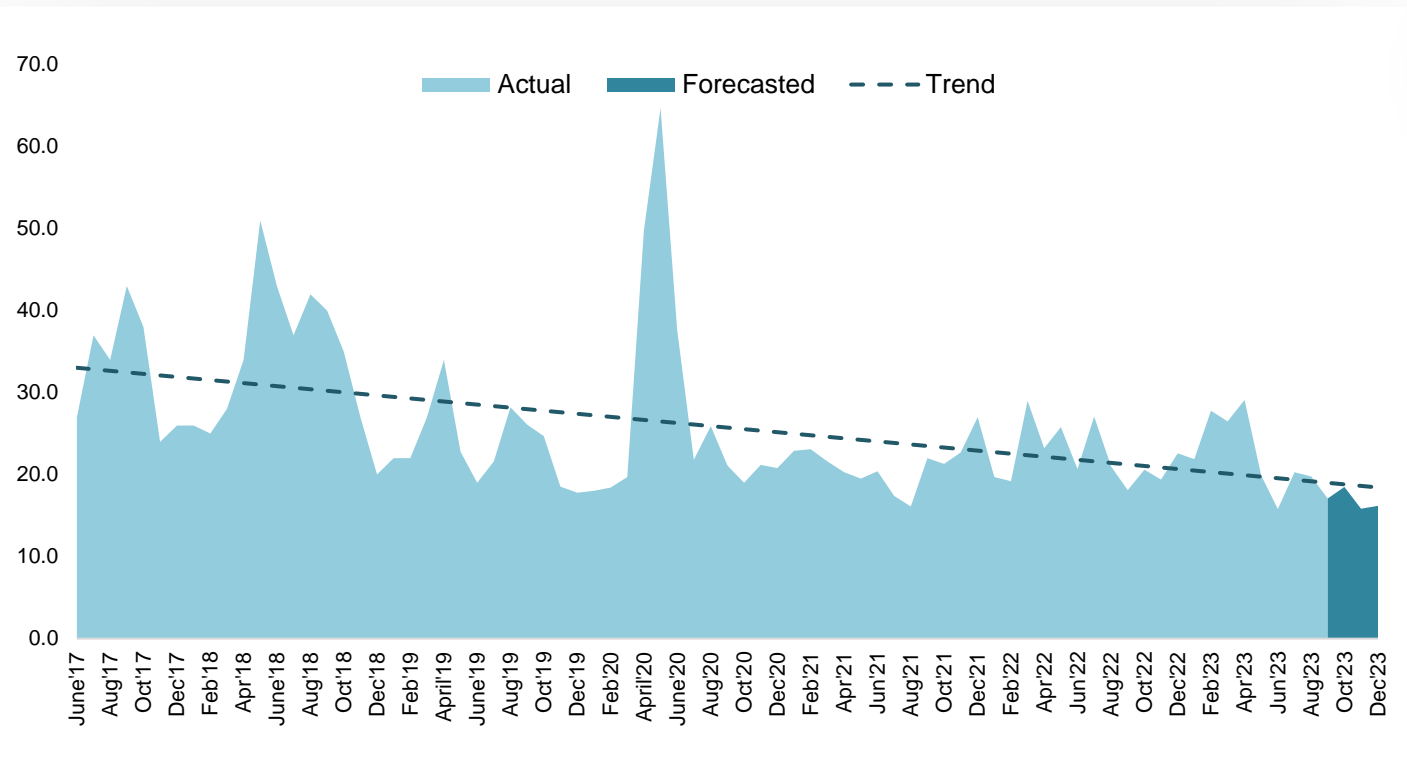
The marked entries showcase decrease in performance in comparison to AMJ'23

Port Dwell Time – Export Cycle

Transit Time – Export Cycle

Container Lifecycle (Export Cycle)

Predictive Analysis: JNPA Port



Observation

Import Cycle

- JNPA dwell time prediction is based on import dwell time i.e. for import bound containers.
- It has been observed that the overall trend of dwell time is decreasing.
- Due to the cyclic variations in the monthly data it is expected to reach a local maxima till Dec'23.



Actual Dwell Time (in hours)

Forecasted Dwell Time (in hours)






JAS'23			OND'23		
Jul'23	Aug'23	Sep'23	Oct'23	Nov'23	Dec'23
20.3	19.8	17.1	-	-	-
18.8	19.1	19.2	18.5	15.8	16.2

Container Transportation: Mundra Port

Container Lifecycle (Import Cycle)





Port Dwell Time – Import Cycle

IMPORT

		AMJ'23 (in hrs)	JAS'23 (in hrs)	
	Train	90.8	81.8	
	Truck	31.0	29.9	
	Overall	37.9	38.7	

Transit Time – Import Cycle






	AMJ'23 (in hrs)	JAS'23 (in hrs)	
Port to CFS	0.92	0.89	↑





CFS/ ICD Dwell Time

	AMJ'23 (in hrs)	JAS'23 (in hrs)	
CFS	89.0	95.7	↓
ICD	130.8	127.1	↑

EXPORT

		AMJ'23 (in hrs)	JAS'23 (in hrs)	
	Train	132.5	130.3	
	Truck	97.8	90.7	
	Overall	104.9	98.8	

	AMJ'23 (in hrs)	JAS'23 (in hrs)	
CFS to Port	0.82	0.66	↑

↑ The marked entries showcase increase in performance in comparison to AMJ'23

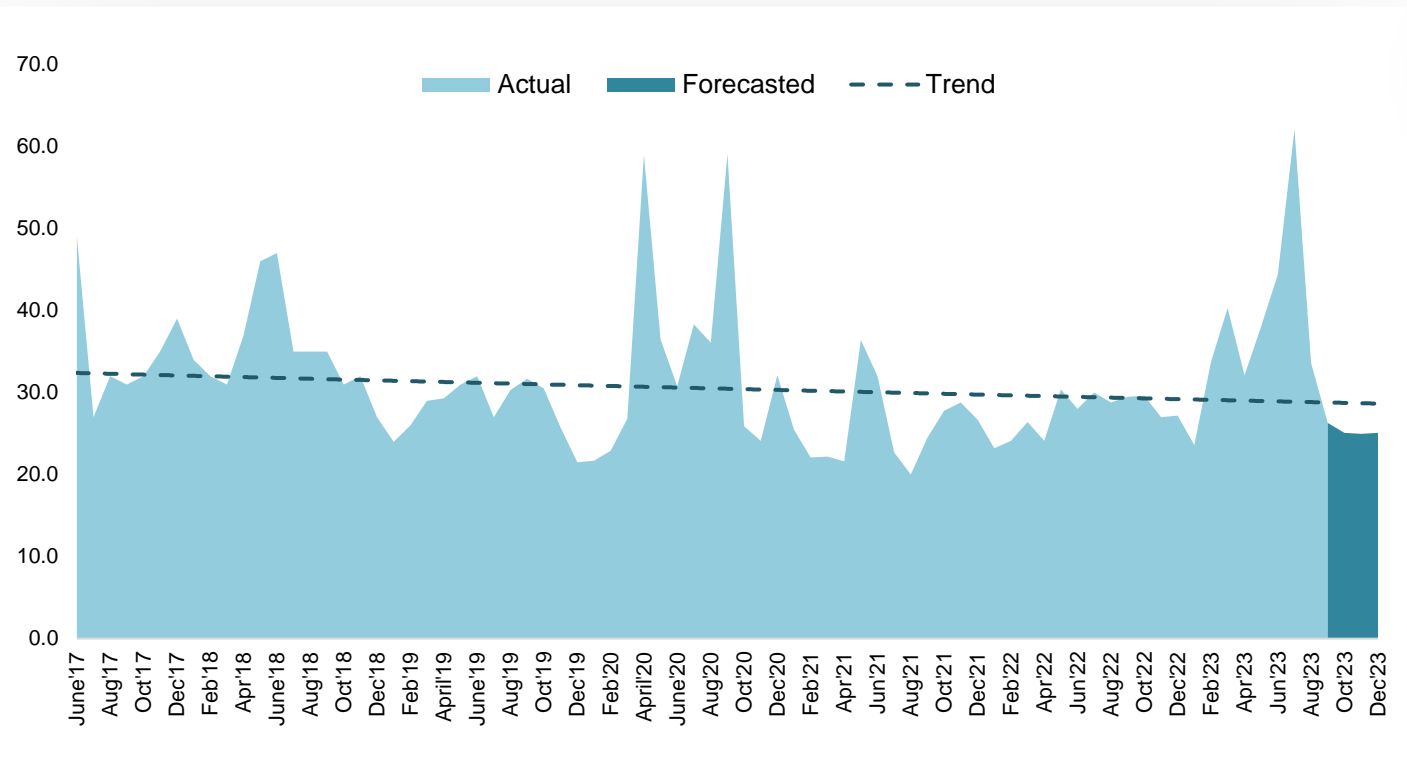
↓ The marked entries showcase decrease in performance in comparison to AMJ'23

Port Dwell Time – Export Cycle

Transit Time – Export Cycle

Container Lifecycle (Export Cycle)

Predictive Analysis: Mundra Port



Observation

Import Cycle

- Mundra dwell time prediction is based on import dwell time i.e. for import bound containers.
- It has been observed that the overall trend of dwell time is decreasing.
- Due to the cyclic variations in the monthly data it is expected to reach a local maxima till Dec'23.




Actual Dwell Time (in hours)


Forecasted Dwell Time (in hours)

JAS'23			OND'23		
Jul'23	Aug'23	Sep'23	Oct'23	Nov'23	Dec'23
62.1	33.6	26.3	-	-	-
25.4	25.6	29.7	25.1	25.0	25.1

Container Lifecycle (Import Cycle)




Port Dwell Time – Import Cycle



IMPORT		
	AMJ'23 (in hrs)	JAS'23 (in hrs)
Overall	64.8	70.4 

EXPORT		
	AMJ'23 (in hrs)	JAS'23 (in hrs)
Overall	108.3	102.9 

Port Dwell Time – Export Cycle

CFS Dwell Time


CFS		
	AMJ'23 (in hrs)	JAS'23 (in hrs)
CFS	84.7 	83.2  


-  The marked entries showcase increase in performance in comparison to AMJ'23
-  The marked entries showcase decrease in performance in comparison to AMJ'23

Container Lifecycle (Export Cycle)

Container Lifecycle (Import Cycle)

Port Dwell Time – Import Cycle

IMPORT		
	AMJ'23 (in hrs)	JAS'23 (in hrs)
<hr/>		
Overall	29.1	38.1 

EXPORT		
	AMJ'23 (in hrs)	JAS'23 (in hrs)
<hr/>		
Overall	108.2	94.7 

Port Dwell Time – Export Cycle

Container Lifecycle (Export Cycle)




The marked entries showcase increase in performance in comparison to AMJ'23




The marked entries showcase decrease in performance in comparison to AMJ'23

Container Lifecycle (Import Cycle)


Port Dwell Time – Import Cycle



IMPORT		
	AMJ'23 (in hrs)	JAS'23 (in hrs)
Overall	44.0	41.0 

EXPORT		
	AMJ'23 (in hrs)	JAS'23 (in hrs)
Overall	115.6	100.7 

Port Dwell Time – Export Cycle

CFS Dwell Time

CFS		
	AMJ'23 (in hrs)	JAS'23 (in hrs)
CFS	108.8	106.5 

-  The marked entries showcase increase in performance in comparison to AMJ'23
-  The marked entries showcase decrease in performance in comparison to AMJ'23

Container Lifecycle (Export Cycle)

03

SOUTHERN REGION PERFORMANCE



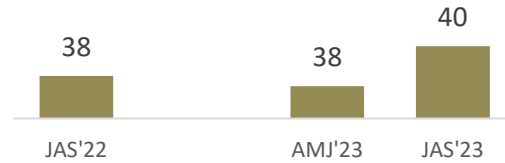


Dwell Time Performance: Southern Region

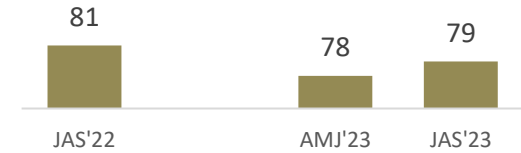
Southern Region



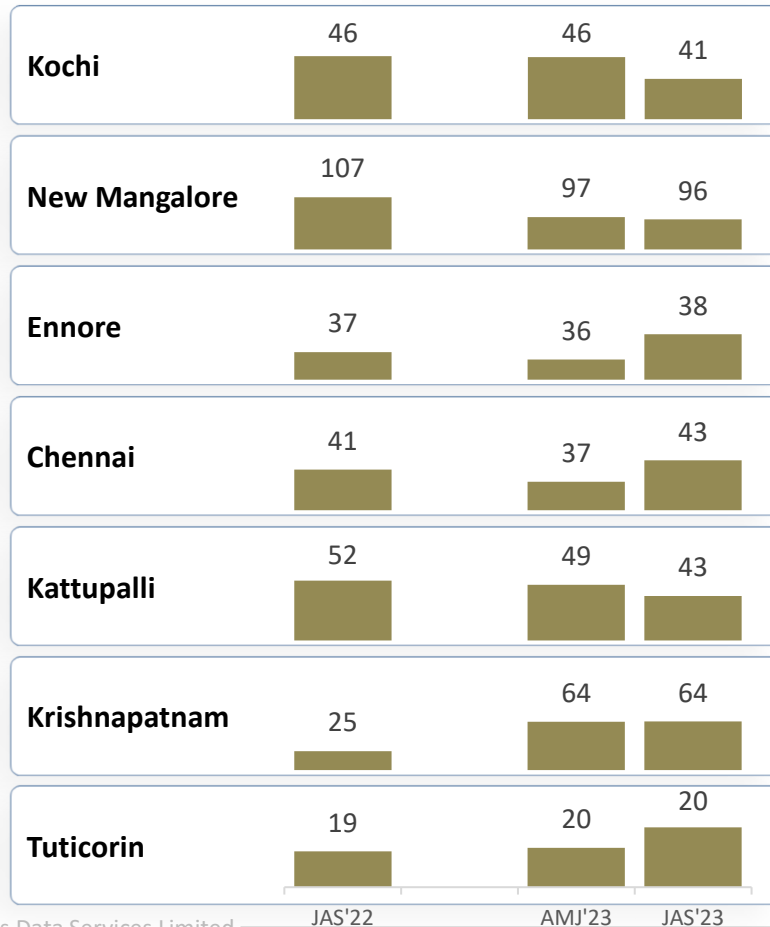
IMPORT



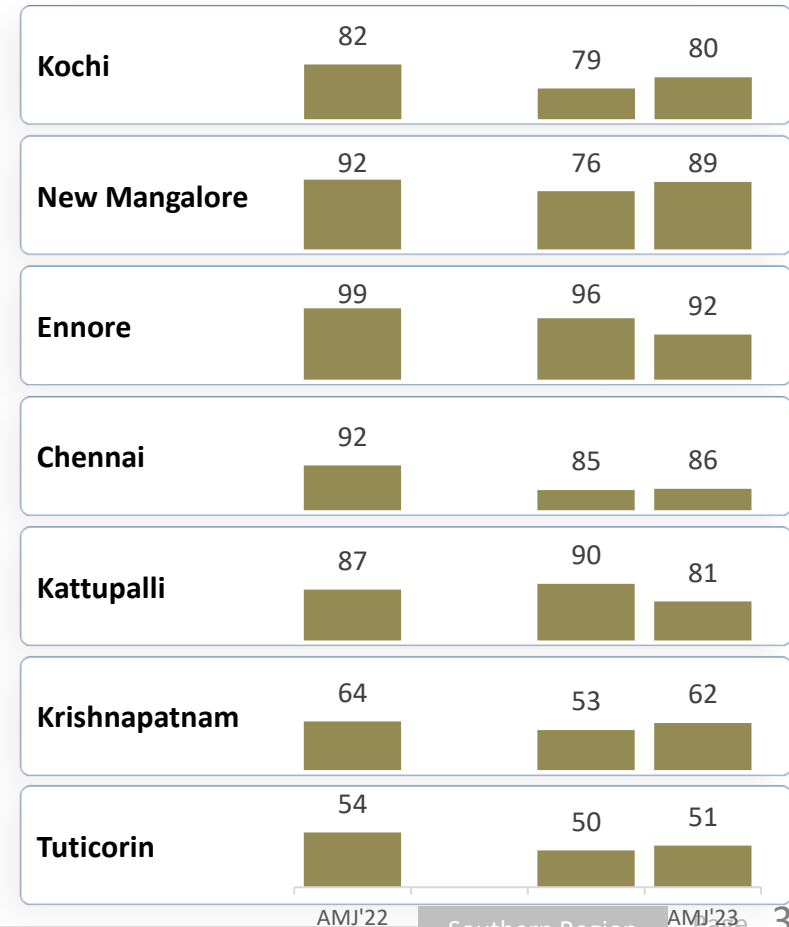
EXPORT



IMPORT



EXPORT

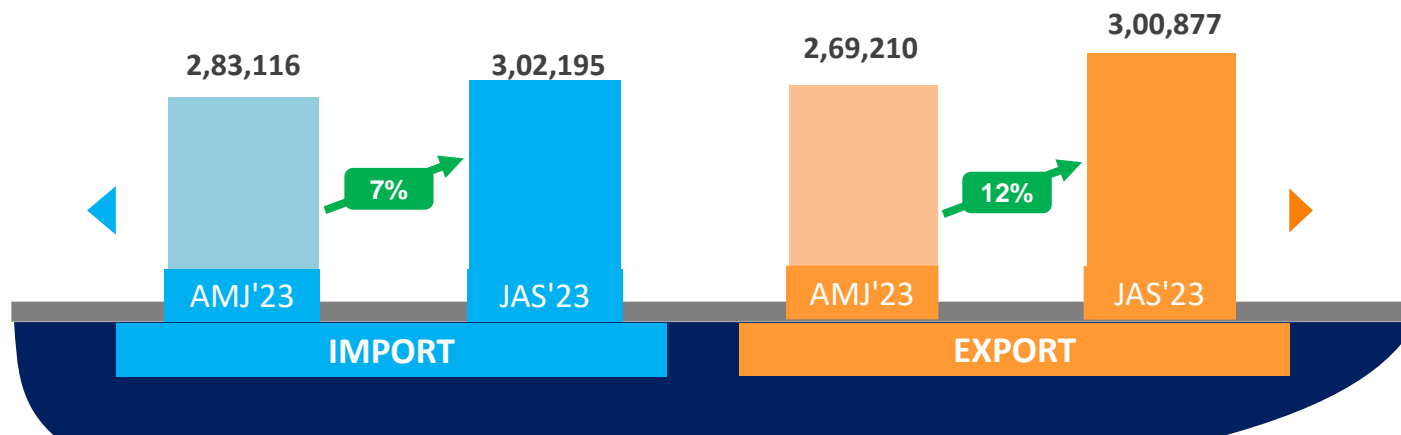


Container Count: Southern Region

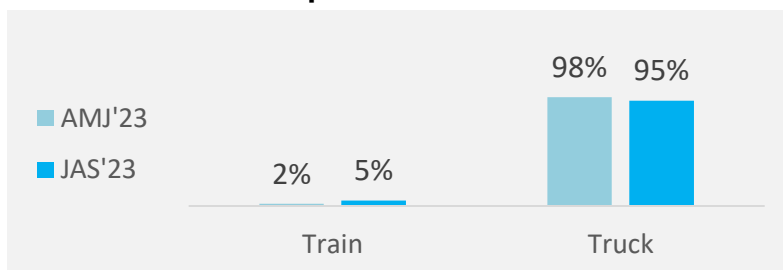
Below graphs depicts the change in container count during the quarter of JAS'23 w.r.t the last quarter i.e. AMJ'23.

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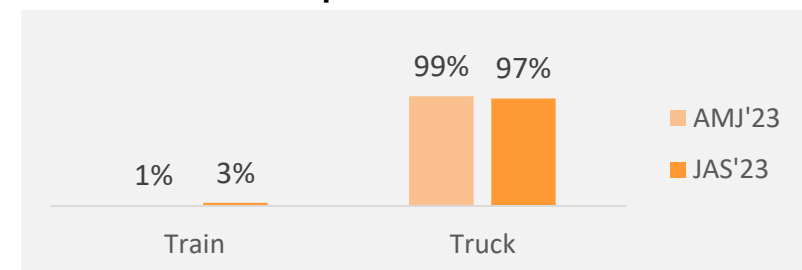
Southern Region



Import Volume %



Export Volume %



Port Performance Benchmarking: Southern Region



Top Performing Terminal

Chennai International Terminals Pvt Ltd (CITPL)

JAS'23

58.2 hrs

Low Performing Terminal

JSW- Mangalore container terminal pvt ltd

JAS'23

90.6 hrs

Star Performer ★ ★ ★

Consist of entities which have catered relatively high container volume in lower dwell time

High Potential ★ ★

Consist of entities which have catered relatively lower container volume in lower dwell time

Slow Bulk Movers ★ ★

Consist of entities which have catered higher container volume in higher dwell time

Laggard ★

Consist of entities which have catered relatively lower container volume at higher dwell time

CFS Performance Benchmarking: Southern Region





Container Transportation: Chennai Port

Container Lifecycle (Import Cycle)

Port Dwell Time – Import Cycle

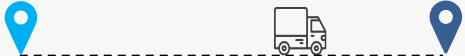
IMPORT

	AMJ'23 (in hrs)	JAS'23 (in hrs)	
 Train	18.2	41.1	↓
 Truck	37.9	43.3	↓
Overall	37.5	43.1	↓

Transit Time – Import Cycle

IMPORT

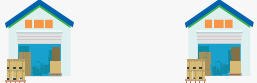
	AMJ'23 (in hrs)	JAS'23 (in hrs)	
Port to CFS	2.54	2.81	↓





CFS Dwell Time

CFS

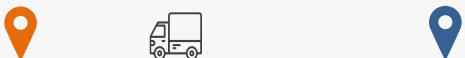
	AMJ'23 (in hrs)	JAS'23 (in hrs)	
CFS	101.2	95.4	↑



EXPORT

	AMJ'23 (in hrs)	JAS'23 (in hrs)	
 Train	100.9	67.3	↑
 Truck	85.0	86.8	↓
Overall	85.3	85.6	↓

	AMJ'23 (in hrs)	JAS'23 (in hrs)	
CFS to Port	3.82	8.31	↓




The marked entries showcase increase in performance in comparison to AMJ'23



The marked entries showcase decrease in performance in comparison to AMJ'23

Port Dwell Time – Export Cycle

Transit Time – Export Cycle

Container Lifecycle (Export Cycle)

Container Lifecycle (Import Cycle)

Port Dwell Time – Import Cycle

IMPORT	AMJ'23 (in hrs)		JAS'23 (in hrs)	
	Overall	46.3	40.5	↑

Transit Time – Import Cycle

IMPORT	AMJ'23 (in hrs)		JAS'23 (in hrs)	
	Port to CFS	0.10	0.09	↑

CFS Dwell Time

CFS	AMJ'23 (in hrs)		JAS'23 (in hrs)	
	CFS	102.5	121.4	↓

EXPORT	AMJ'23 (in hrs)		JAS'23 (in hrs)	
	Overall	79.0	80.5	↓

IMPORT	AMJ'23 (in hrs)		JAS'23 (in hrs)	
	CFS to Port	0.81	1.01	↓

- ↑ The marked entries showcase increase in performance in comparison to AMJ'23
- ↓ The marked entries showcase decrease in performance in comparison to AMJ'23

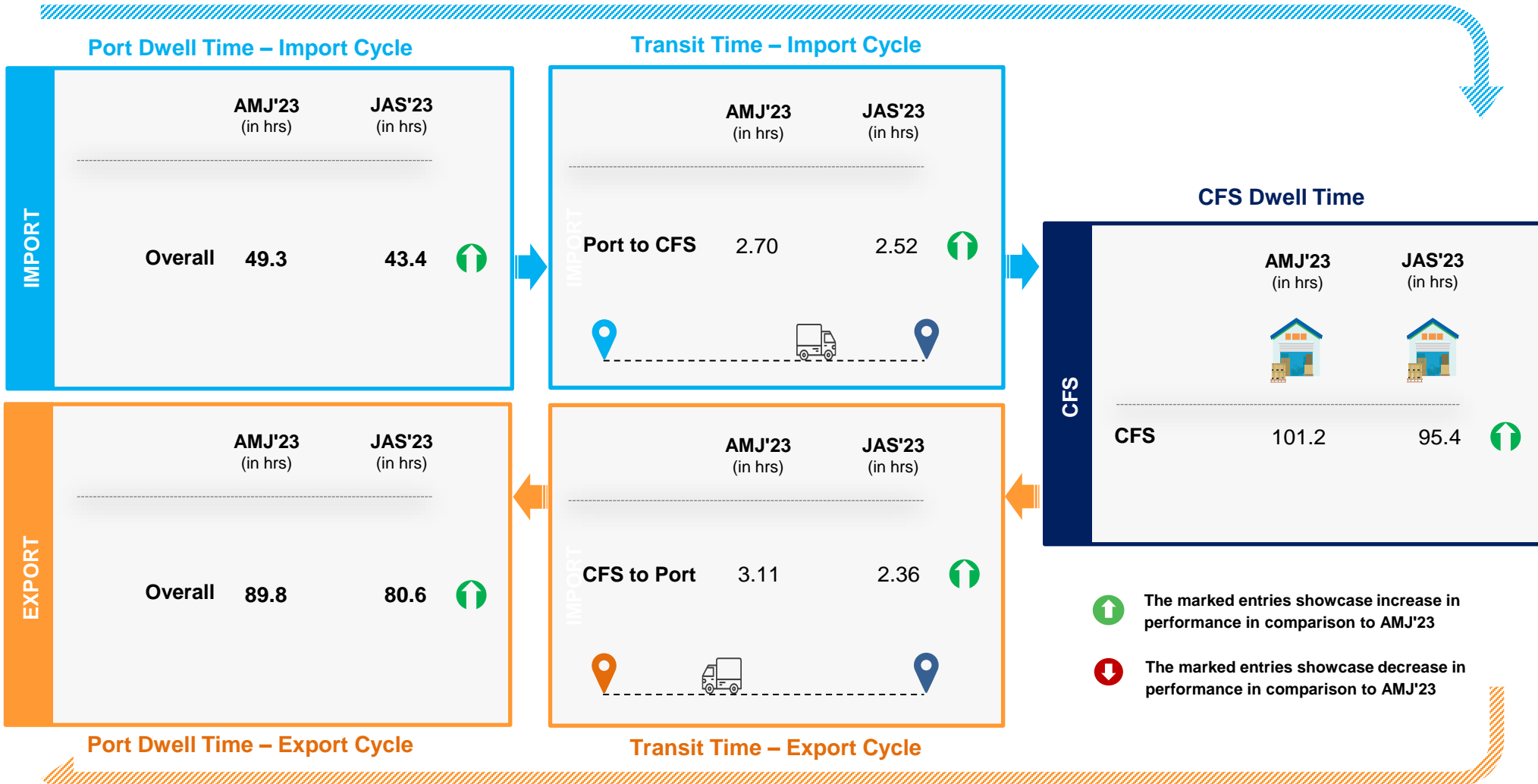
Port Dwell Time – Export Cycle

Transit Time – Export Cycle

Container Lifecycle (Export Cycle)

Container Transportation: Kattupalli Port

Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)

Container Lifecycle (Import Cycle)

Port Dwell Time – Import Cycle

IMPORT		AMJ'23 (in hrs)	JAS'23 (in hrs)	
	PSA Sical	-	-	
	DBGT	19.5	19.8	↓
	Overall	19.5	19.8	↓

Transit Time – Import Cycle

	AMJ'23 (in hrs)	JAS'23 (in hrs)	
IMPORT			
Port to CFS	1.70	1.79	↓

CFS Dwell Time

	AMJ'23 (in hrs)	JAS'23 (in hrs)	
CFS	141.6	143.4	↓

EXPORT		AMJ'23 (in hrs)	JAS'23 (in hrs)	
	PSA Sical	-	-	
	DBGT	49.6	50.9	↓
	Overall	49.6	50.9	↓

	AMJ'23 (in hrs)	JAS'23 (in hrs)	
EXPORT			
CFS to Port	1.52	1.35	↑

- ↑ The marked entries showcase increase in performance in comparison to AMJ'23
- ↓ The marked entries showcase decrease in performance in comparison to AMJ'23

Port Dwell Time – Export Cycle

Transit Time – Export Cycle

Container Lifecycle (Export Cycle)

Container Lifecycle (Import Cycle)

Port Dwell Time – Import Cycle

IMPORT		
	AMJ'23 (in hrs)	JAS'23 (in hrs)
Overall	63.5	64.0

EXPORT		
	AMJ'23 (in hrs)	JAS'23 (in hrs)
Overall	52.8	62.0

Port Dwell Time – Export Cycle

CFS Dwell Time

CFS		
	AMJ'23 (in hrs)	JAS'23 (in hrs)
CFS	133.9	129.8






- The marked entries showcase increase in performance in comparison to AMJ'23
- The marked entries showcase decrease in performance in comparison to AMJ'23

Container Lifecycle (Export Cycle)






Container Lifecycle (Import Cycle)

Port Dwell Time – Import Cycle

IMPORT


	AMJ'23 (in hrs)	JAS'23 (in hrs)		
	Train	20.1	22.9	
	Truck	37.0	38.6	
	Overall	36.3	38.0	

EXPORT

		AMJ'23 (in hrs)	JAS'23 (in hrs)	
	Train	87.5	104.9	
	Truck	96.3	91.5	
	Overall	96.2	91.9	

Port Dwell Time – Export Cycle

CFS Dwell Time

	AMJ'23 (in hrs)	JAS'23 (in hrs)	
			
CFS	101.2	95.4	⬆️



The marked entries showcase increase in performance in comparison to AMJ'23





The marked entries showcase decrease in performance in comparison to AMJ'23

Container Lifecycle (Export Cycle)

Container Lifecycle (Import Cycle)

Port Dwell Time – Import Cycle

IMPORT		
	AMJ'23 (in hrs)	JAS'23 (in hrs)
<hr/>		
Overall	97.0	95.8 

EXPORT		
	AMJ'23 (in hrs)	JAS'23 (in hrs)
<hr/>		
Overall	76.4	88.6 

Port Dwell Time – Export Cycle

Container Lifecycle (Export Cycle)



The marked entries showcase increase in performance in comparison to AMJ'23



The marked entries showcase decrease in performance in comparison to AMJ'23

04

EASTERN REGION PERFORMANCE

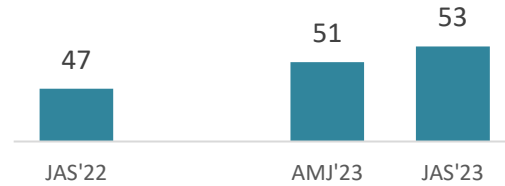


Dwell Time Performance: Eastern Region

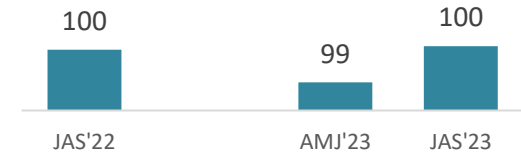
Eastern Region



IMPORT

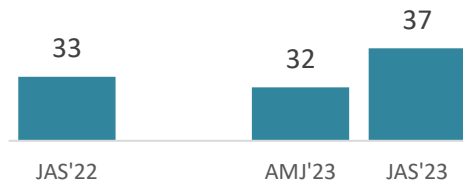


EXPORT

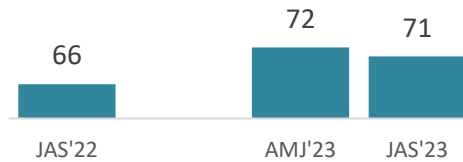


IMPORT

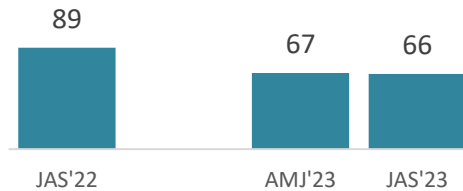
Kolkata



Vishakhapatnam

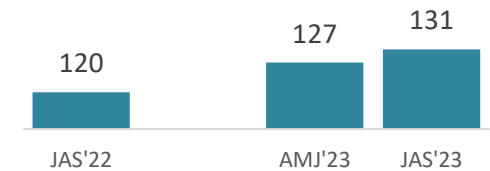


Haldia

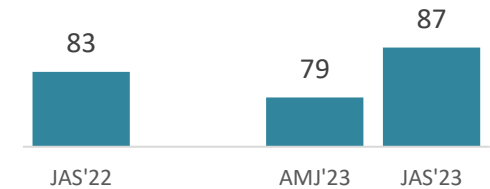


EXPORT

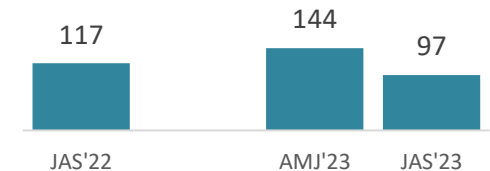
Kolkata



Vishakhapatnam



Haldia

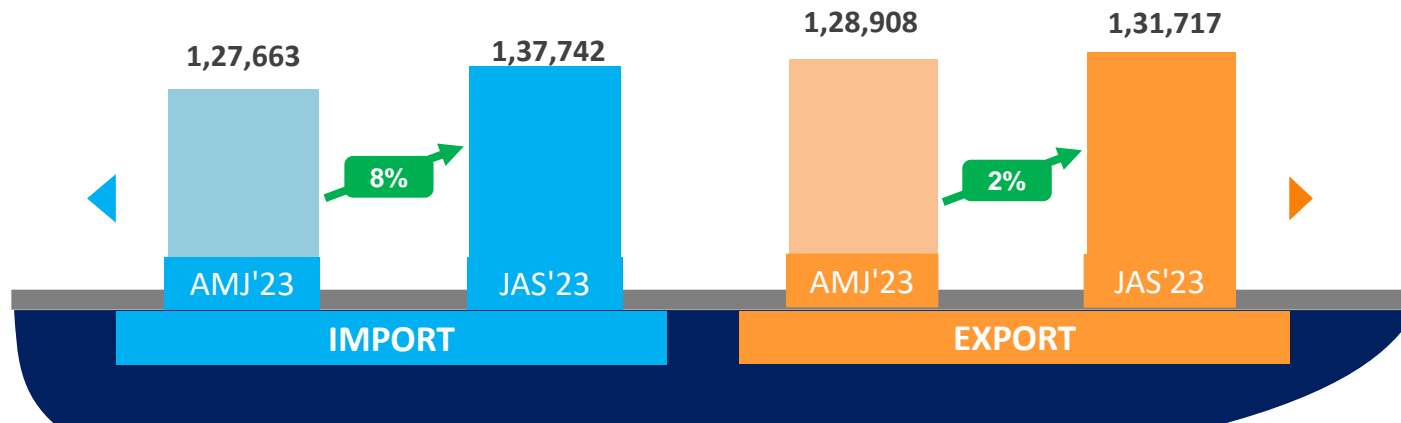


Container Count: Eastern Region

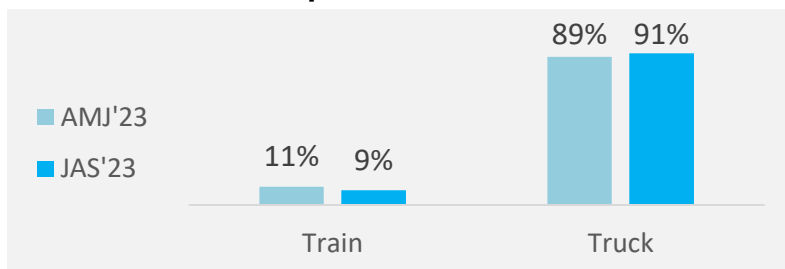
Below graphs depicts the change in container count during the quarter of JAS'23 w.r.t the last quarter i.e. AMJ'23.

E

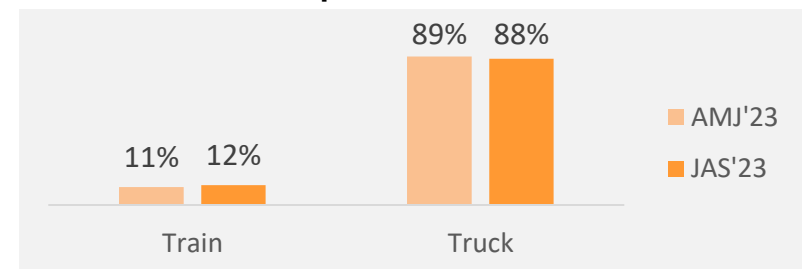
Eastern Region



Import Volume %



Export Volume %



Port Performance Benchmarking: Eastern Region



Top Performing Terminal

Kolkata Dock System (KDS), Kolkata Port

JAS'23

62.3 hrs

Low Performing Terminal

Haldia International Container Terminal (HICT)

JAS'23

78.4 hrs

Star Performer ★ ★ ★

Consist of entities which have catered relatively high container volume in lower dwell time

High Potential ★ ★

Consist of entities which have catered relatively lower container volume in lower dwell time

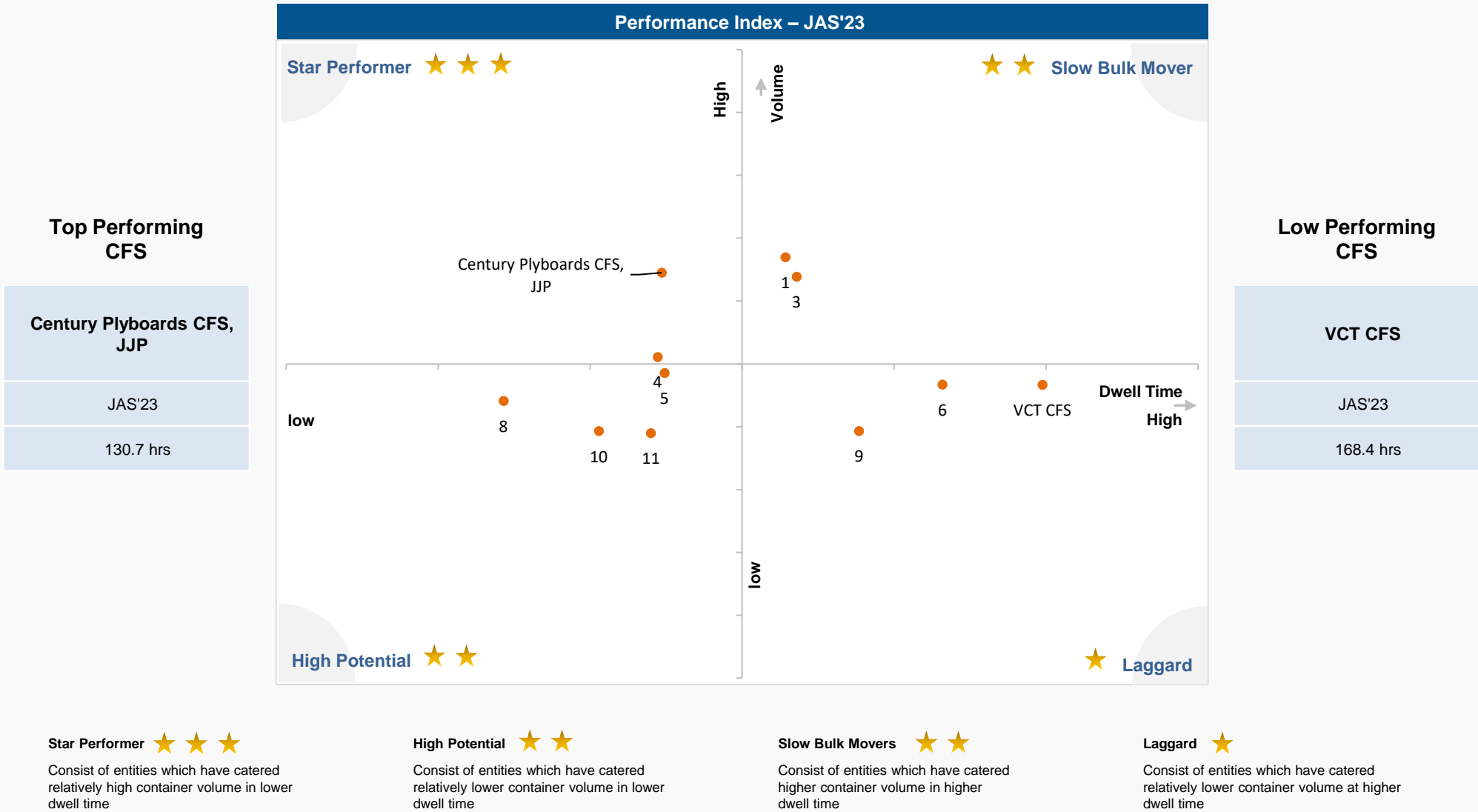
Slow Bulk Movers ★ ★

Consist of entities which have catered higher container volume in higher dwell time

Laggard ★

Consist of entities which have catered relatively lower container volume at higher dwell time

CFS Performance Benchmarking: Eastern Region



Container Transportation: Visakhapatnam Port

Container Lifecycle (Import Cycle)

Port Dwell Time – Import Cycle

IMPORT	AMJ'23 (in hrs)		JAS'23 (in hrs)	
	Overall	72.4	70.8	↑

Transit Time – Import Cycle

IMPORT	AMJ'23 (in hrs)		JAS'23 (in hrs)	
	Port to CFS	2.31	2.22	↑

CFS Dwell Time

CFS	AMJ'23 (in hrs)		JAS'23 (in hrs)	
	CFS	160.4	148.9	↑

EXPORT	AMJ'23 (in hrs)		JAS'23 (in hrs)	
	Overall	78.6	87.4	↓

IMPORT	AMJ'23 (in hrs)		JAS'23 (in hrs)	
	CFS to Port	2.18	2.38	↓

- ↑ The marked entries showcase increase in performance in comparison to AMJ'23
- ↓ The marked entries showcase decrease in performance in comparison to AMJ'23

Port Dwell Time – Export Cycle

Transit Time – Export Cycle

Container Lifecycle (Export Cycle)

Container Transportation: Kolkata Port

Container Lifecycle (Import Cycle)

Port Dwell Time – Import Cycle

IMPORT	AMJ'23 (in hrs)		JAS'23 (in hrs)	
	Overall	32.0	37.1	↓

Transit Time – Import Cycle

IMPORT	AMJ'23 (in hrs)		JAS'23 (in hrs)	
	Port to CFS	1.21	1.28	↓

CFS Dwell Time

CFS	AMJ'23 (in hrs)		JAS'23 (in hrs)	
	CFS	134.7	135.9	↓

EXPORT	AMJ'23 (in hrs)		JAS'23 (in hrs)	
	Overall	127.5	130.9	↓

IMPORT	AMJ'23 (in hrs)		JAS'23 (in hrs)	
	CFS to Port	0.72	0.97	↓

Port Dwell Time – Export Cycle

Transit Time – Export Cycle

Container Lifecycle (Export Cycle)

- ↑ The marked entries showcase increase in performance in comparison to AMJ'23
- ↓ The marked entries showcase decrease in performance in comparison to AMJ'23

Container Lifecycle (Import Cycle)

Port Dwell Time – Import Cycle

IMPORT	AMJ'23 (in hrs)		JAS'23 (in hrs)	
	Overall	66.5	65.9	↑

Transit Time – Import Cycle

IMPORT	AMJ'23 (in hrs)		JAS'23 (in hrs)	
	Port to CFS	3.53	3.00	↑

CFS Dwell Time

CFS	AMJ'23 (in hrs)		JAS'23 (in hrs)	
	CFS	136.1	123.8	↑

- ↑ The marked entries showcase increase in performance in comparison to AMJ'23
- ↓ The marked entries showcase decrease in performance in comparison to AMJ'23

EXPORT	AMJ'23 (in hrs)		JAS'23 (in hrs)	
	Overall	144.0	96.7	↑

EXPORT	AMJ'23 (in hrs)		JAS'23 (in hrs)	
	CFS to Port	3.45	-	

Port Dwell Time – Export Cycle

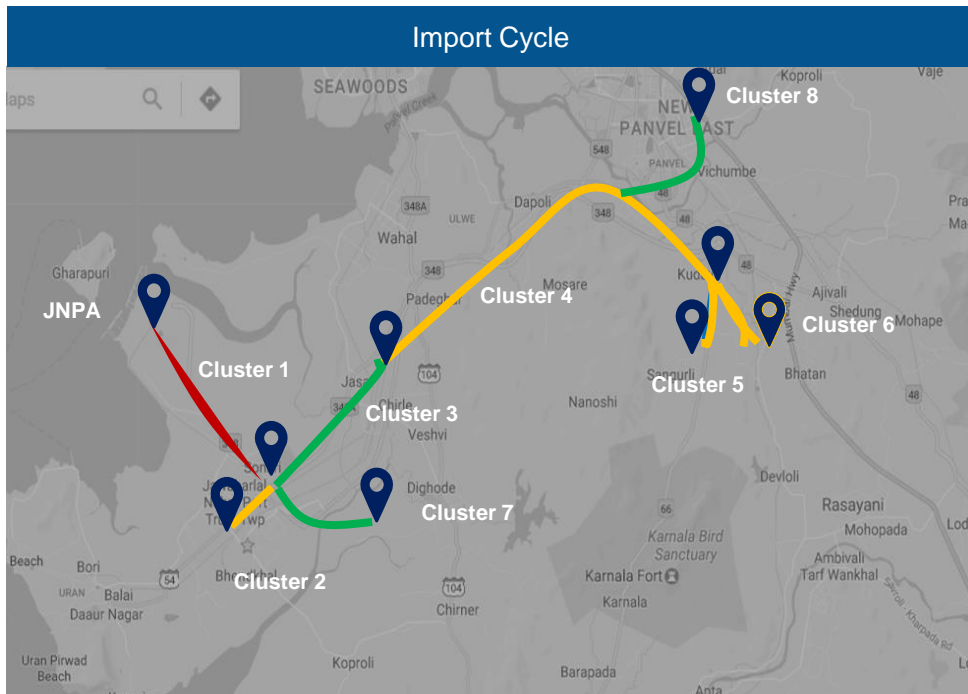
Transit Time – Export Cycle

Container Lifecycle (Export Cycle)

05 CONGESTION ANALYSIS



Congestion Analysis: JNPA Region



Serial	Cluster Name	Congestion
Cluster 1	JNPA area	Bottleneck
Cluster 2	Bhendkhal area, khopate road	Medium
Cluster 3	Sonari area, JNPA road	Low
Cluster 4	Chirle area, JNPA road	Medium
Cluster 5	Plaspa area, coach kanyakumari highway	Medium
Cluster 6	Salva apta rd area, bangalore highway	Medium
Cluster 7	Patilpada area, khopate JNPA road	Low
Cluster 8	Taloja, navi mumbai	Low

Legends

■ High Congestion
 ■ Medium Congestion
 ■ Low Congestion



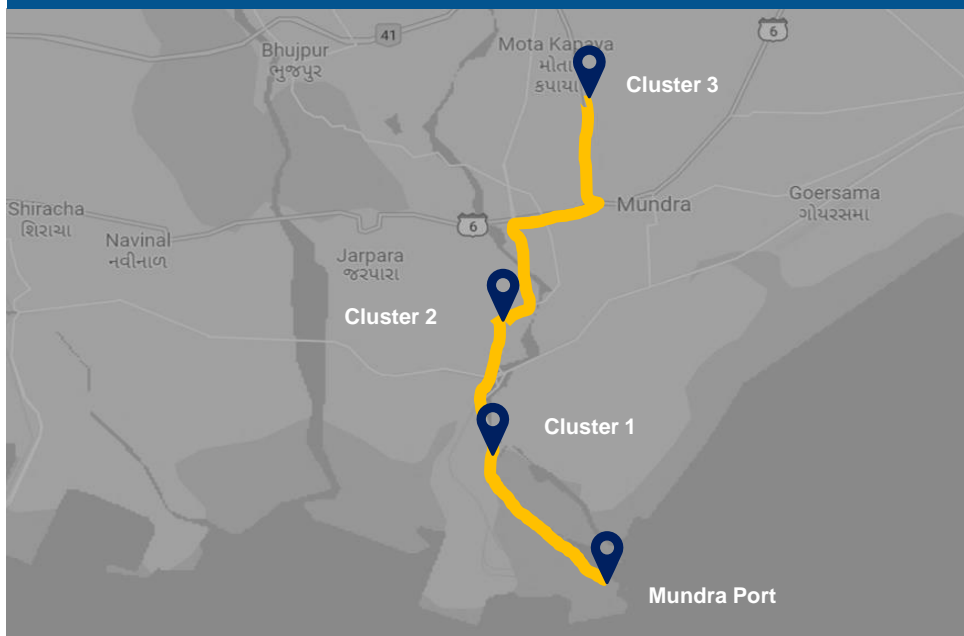
Location Point



Serial	Cluster Name	Congestion
Cluster 1	JNPA area	Bottleneck
Cluster 2	Bhendkhal area, khopate road	Bottleneck
Cluster 3	Sonari area, JNPA road	Low
Cluster 4	Chirle area, JNPA road	Bottleneck
Cluster 5	Plaspa area, coach kanyakumari highway	Low
Cluster 6	Salva apta rd area, bangalore highway	Low
Cluster 7	Patilpada area, khopate JNPA road	Low
Cluster 8	Taloja, navi mumbai	Low

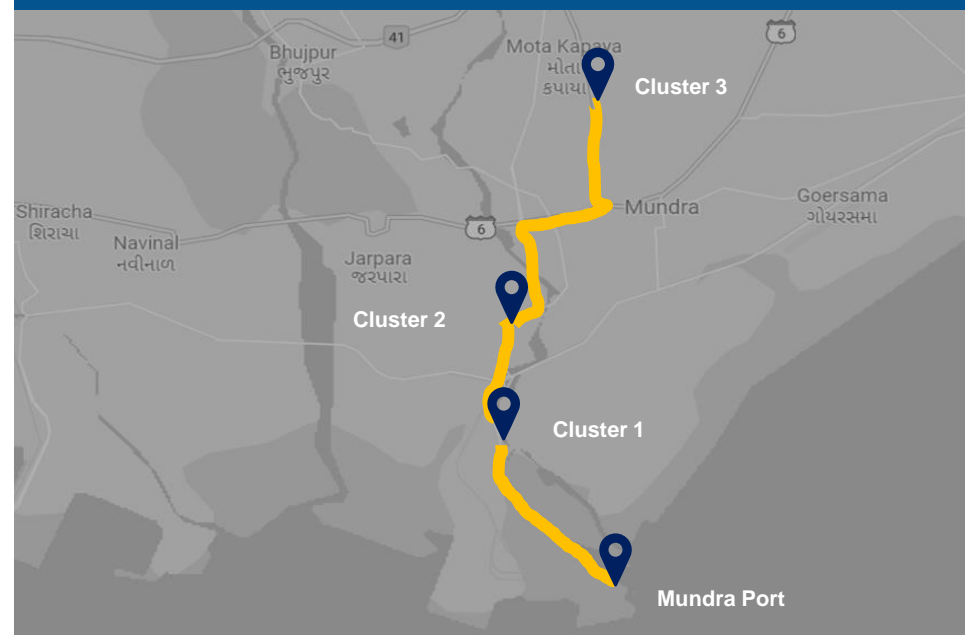
Congestion Analysis: Mundra Region

Import Cycle



Serial	Cluster Name	Congestion
Cluster 1	APSEZ Area	Medium
Cluster 2	Hind circle	Medium
Cluster 3	Motakapaya	Medium

Export Cycle



Serial	Cluster Name	Congestion
Cluster 1	APSEZ Area	Medium
Cluster 2	Hind circle	Medium
Cluster 3	Motakapaya	Medium

Legends

High Congestion

Medium Congestion

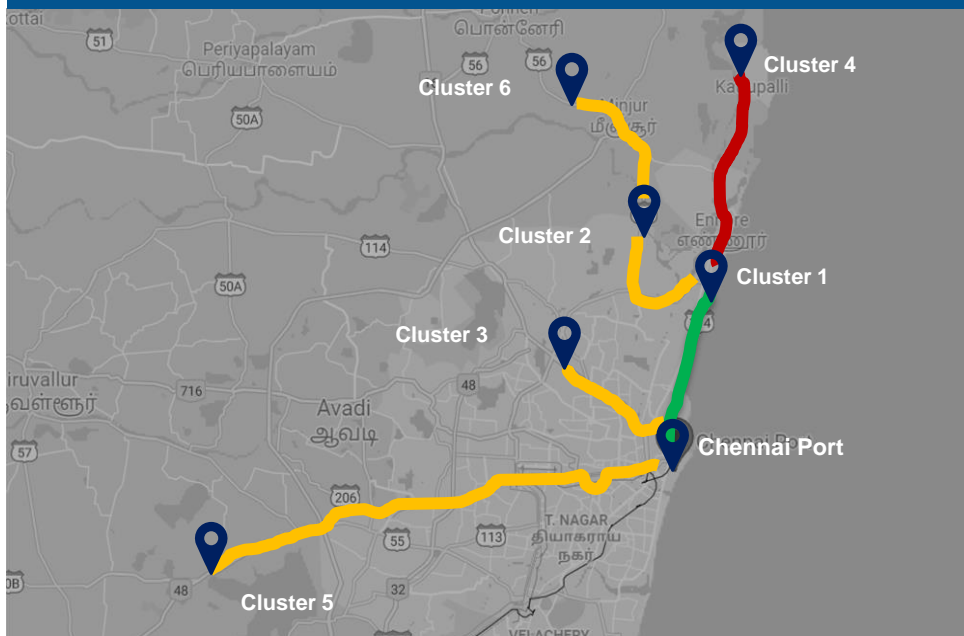
Low Congestion



Location Point

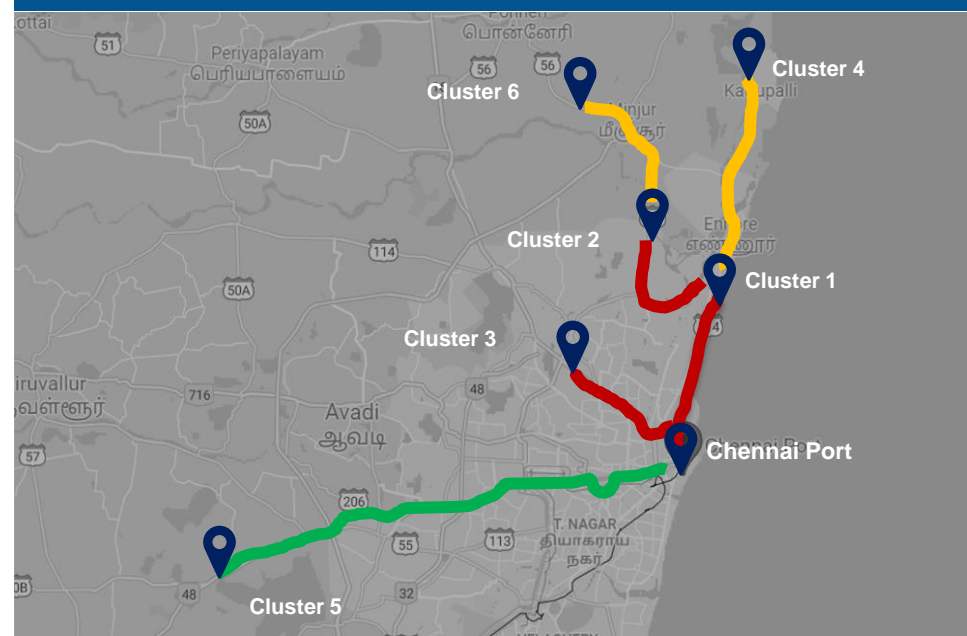
Congestion Analysis: Chennai Region

Import Cycle



Serial	Cluster Name	Congestion
Cluster 1	Chennai port bound area	Low
Cluster 2	Ennore port bound area	Medium
Cluster 3	Chennai central area	Medium
Cluster 4	Kattupalli port bound area	Bottleneck
Cluster 5	Chennai automotive industry area (Irungatukottai)	Medium
Cluster 6	Thiruvallur Outer city bound area	Medium

Export Cycle



Serial	Cluster Name	Congestion
Cluster 1	Chennai port bound area	Bottleneck
Cluster 2	Ennore port bound area	Bottleneck
Cluster 3	Chennai central area	Bottleneck
Cluster 4	Kattupalli port bound area	Medium
Cluster 5	Chennai automotive industry area (Irungatukottai)	Low
Cluster 6	Thiruvallur Outer city bound area	Medium

Legends

High Congestion

Medium Congestion

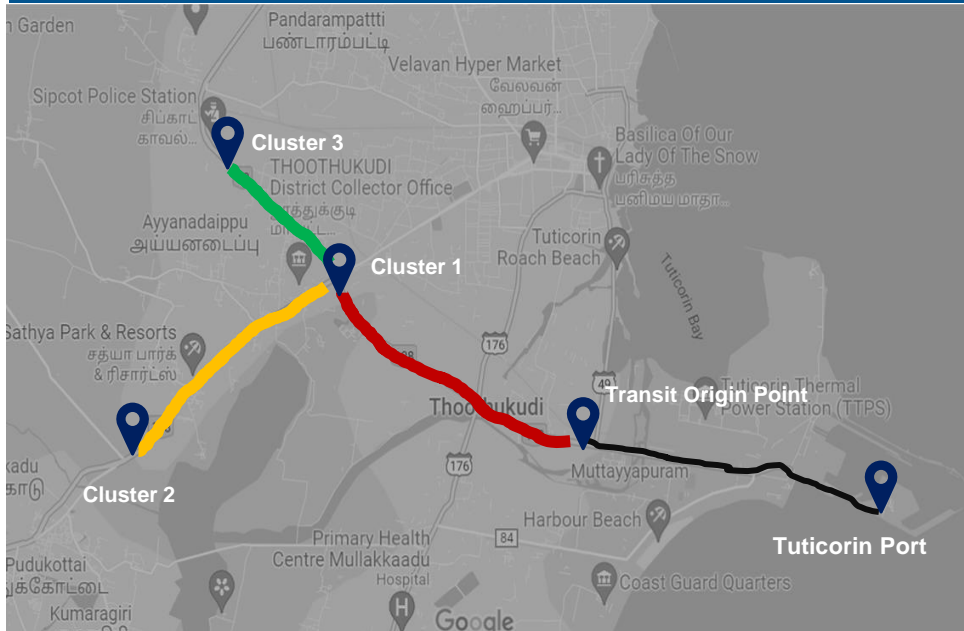
Low Congestion



Location Point

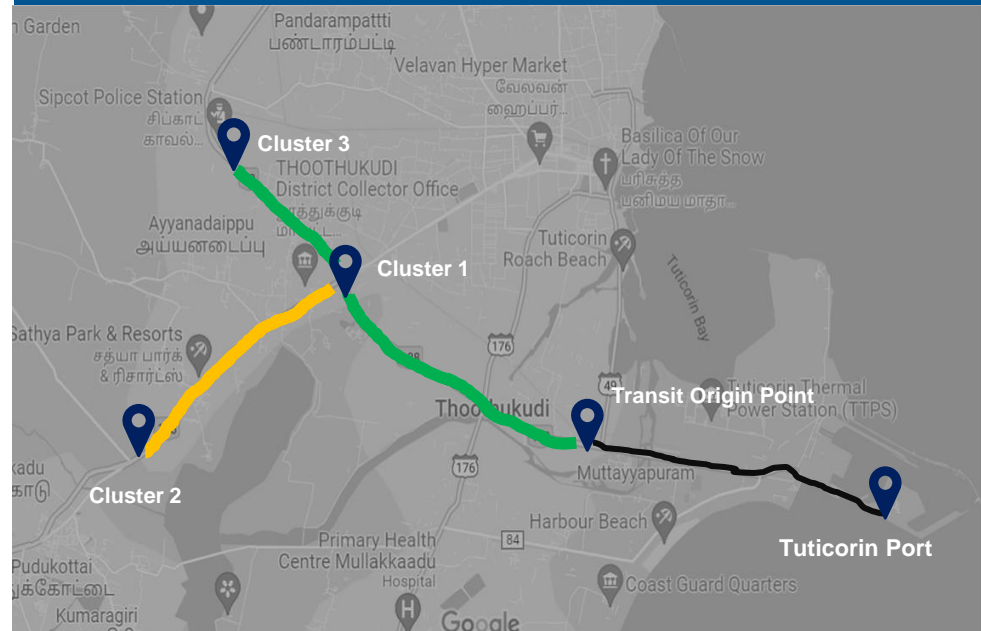
Congestion Analysis: Tuticorin Region

Import Cycle



Serial	Cluster Name	Congestion
Cluster 1	Periyannayagapuram, Thoothukudi, Madurai Road	Bottleneck
Cluster 2	Tirunelveli road near by Podukottai	Medium
Cluster 3	Sipcot area near by Madurai road	Low

Export Cycle



Serial	Cluster Name	Congestion
Cluster 1	Periyannayagapuram, Thoothukudi, Madurai Road	Low
Cluster 2	Tirunelveli road near by Podukottai	Medium
Cluster 3	Sipcot area near by Madurai road	Low

Legends

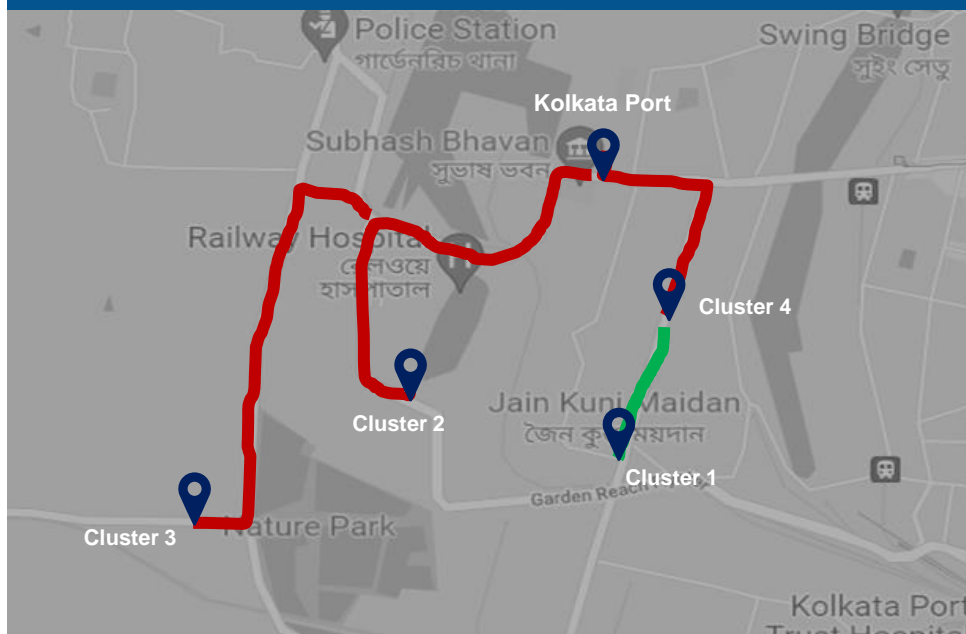
■ High Congestion
 ■ Medium Congestion
 ■ Low Congestion



Location Point

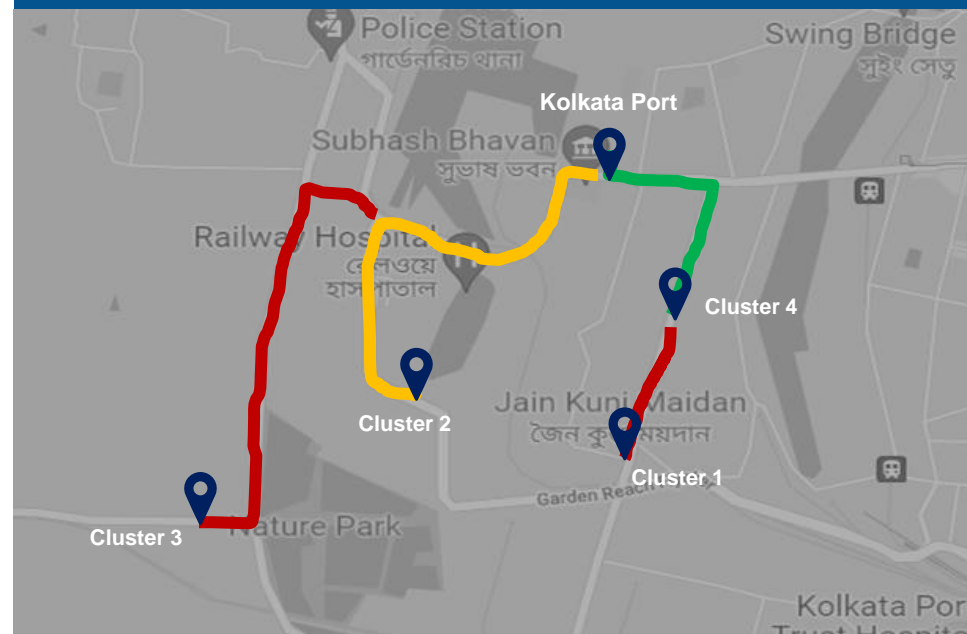
Congestion Analysis: Kolkata Region

Import Cycle



Serial .	Cluster Name	Congestion
Cluster 1	Base bridge area	Low
Cluster 2	Sonapur road area	Bottleneck
Cluster 3	Nature park area	Bottleneck
Cluster 4	Babu bazar area	Bottleneck

Export Cycle



Serial	Cluster Name	Congestion
Cluster 1	Base bridge area	Bottleneck
Cluster 2	Sonapur road area	Medium
Cluster 3	Nature park area	Bottleneck
Cluster 4	Babu bazar area	Low

Legends

High Congestion

Medium Congestion

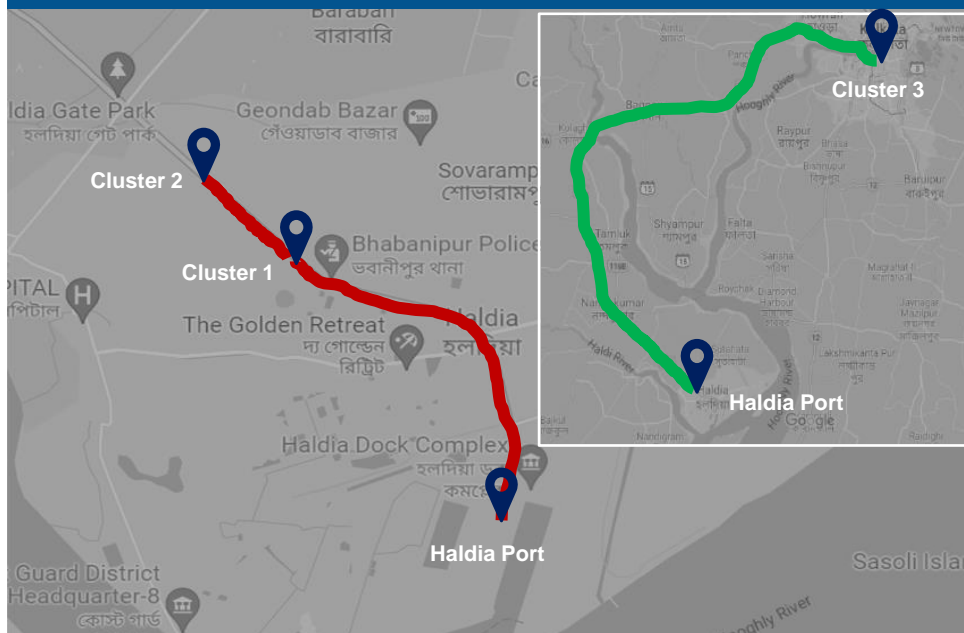
Low Congestion



Location Point

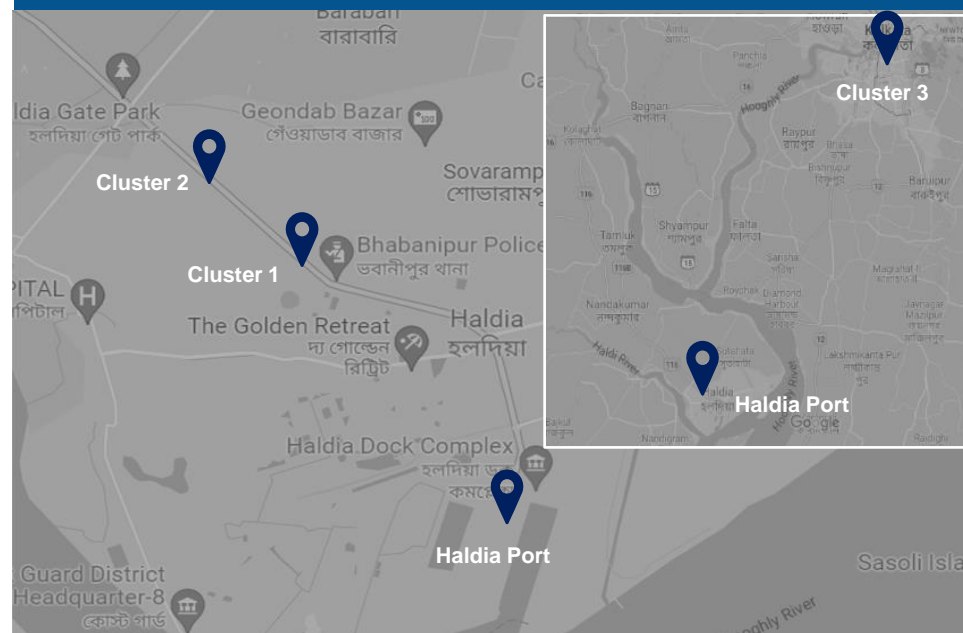
Congestion Analysis: Haldia Region

Import Cycle



Serial	Cluster Name	Congestion
Cluster 1	Talpokur area, Kolkata highway	Bottleneck
Cluster 2	City centre area, Kolkata highway	Bottleneck
Cluster 3	Silpodanga area	Low

Export Cycle



Serial	Cluster Name	Congestion
Cluster 1	Talpokur area, Kolkata highway	-
Cluster 2	City centre area, Kolkata highway	-
Cluster 3	Silpodanga area	-

Legends

High Congestion Medium Congestion Low Congestion

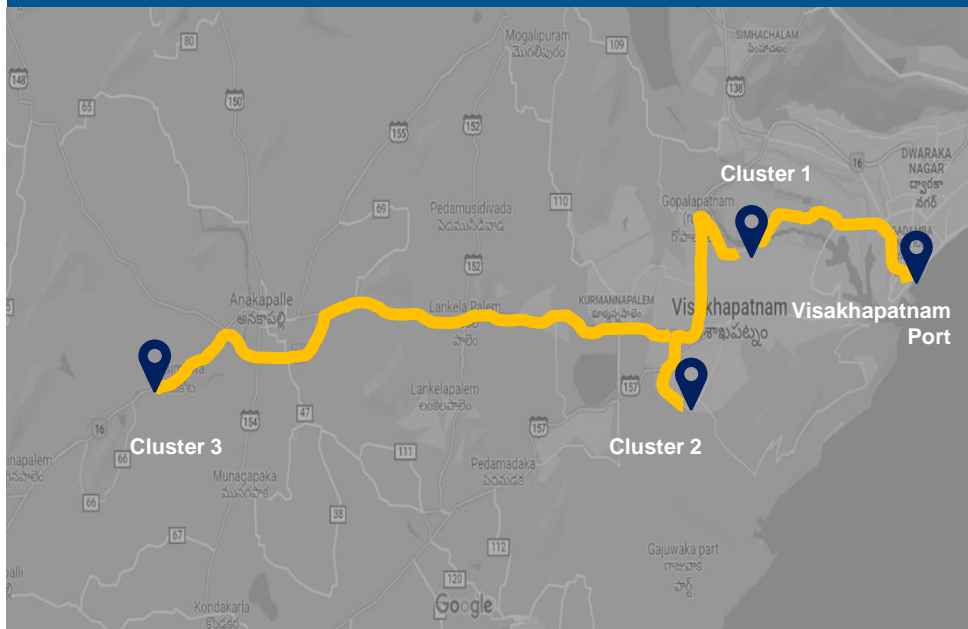


Location Point

Note: Haldia CFS to Port transit data has low volume in JAS'23 month.

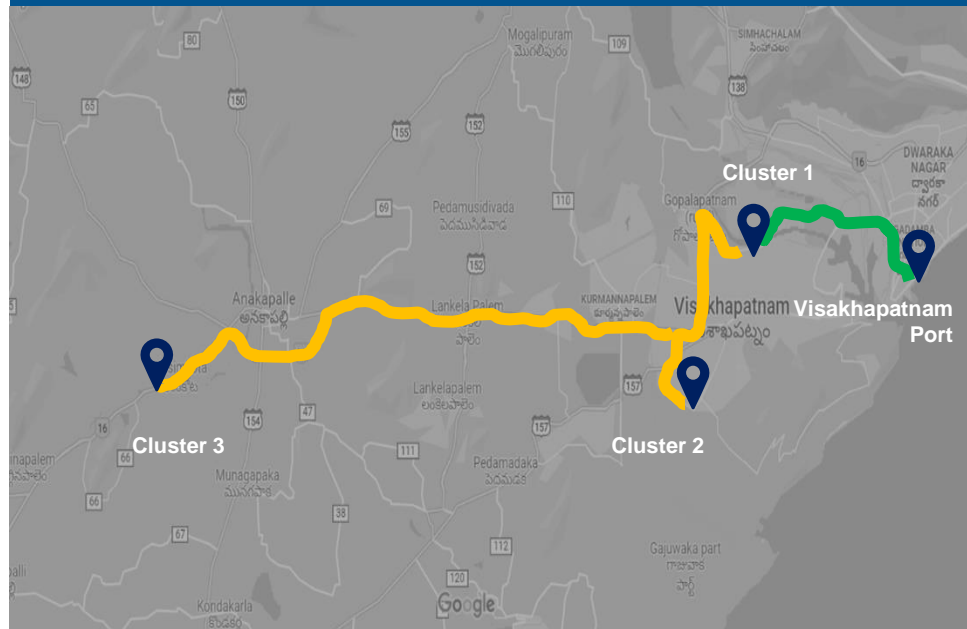
Congestion Analysis: Visakhapatnam Region

Import Cycle



Serial	Cluster Name	Congestion
Cluster 1	Port road, Gopalapatnam area	Medium
Cluster 2	Autonagar, Gajuwaka area	Medium
Cluster 3	Chennai – Kolkata highway, Bayyavaram area	Medium

Export Cycle



Serial	Cluster Name	Congestion
Cluster 1	Port road, Gopalapatnam area	Low
Cluster 2	Autonagar, Gajuwaka area	Medium
Cluster 3	Chennai – Kolkata highway, Bayyavaram area	Medium

Legends

High Congestion

Medium Congestion

Low Congestion



Location Point

06

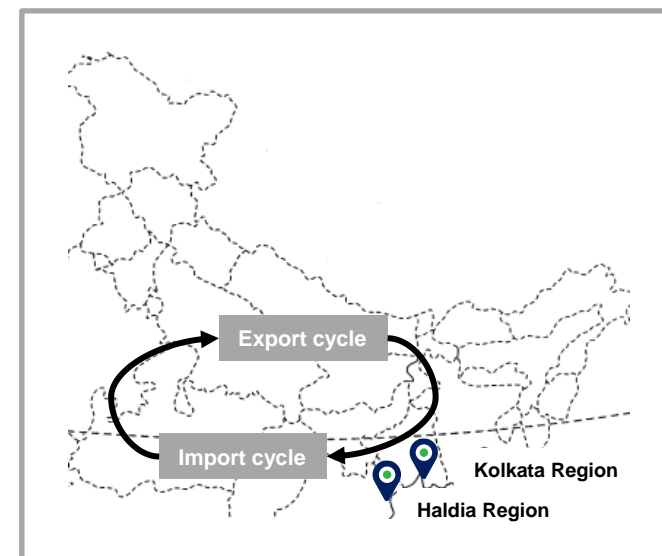
ANALYSIS OF CONTAINER MOVEMENT ACROSS INDIA



Transit Movement Across ICPs

Below is the analysis of the transit movement across ICPs from Kolkata Port Terminal or Haldia Port Terminal both Import and Export cycle

Kolkata Port Terminal			
Import Cycle	Mode	ICP Raxaul	ICP Jogbani
	Overall	108.5 hrs	105.8 hrs
	Road	141.9 hrs	105.8 hrs
	Rail	89.7 hrs	-
Haldia Port Terminal			
	Mode	ICP Raxaul	ICP Jogbani
	Overall	87.7 hrs	120.0 hrs



Note: Export data has issues thus removed. Also, ICP Jogbani is added in Import cycle.

Evacuation Efficiency Analysis

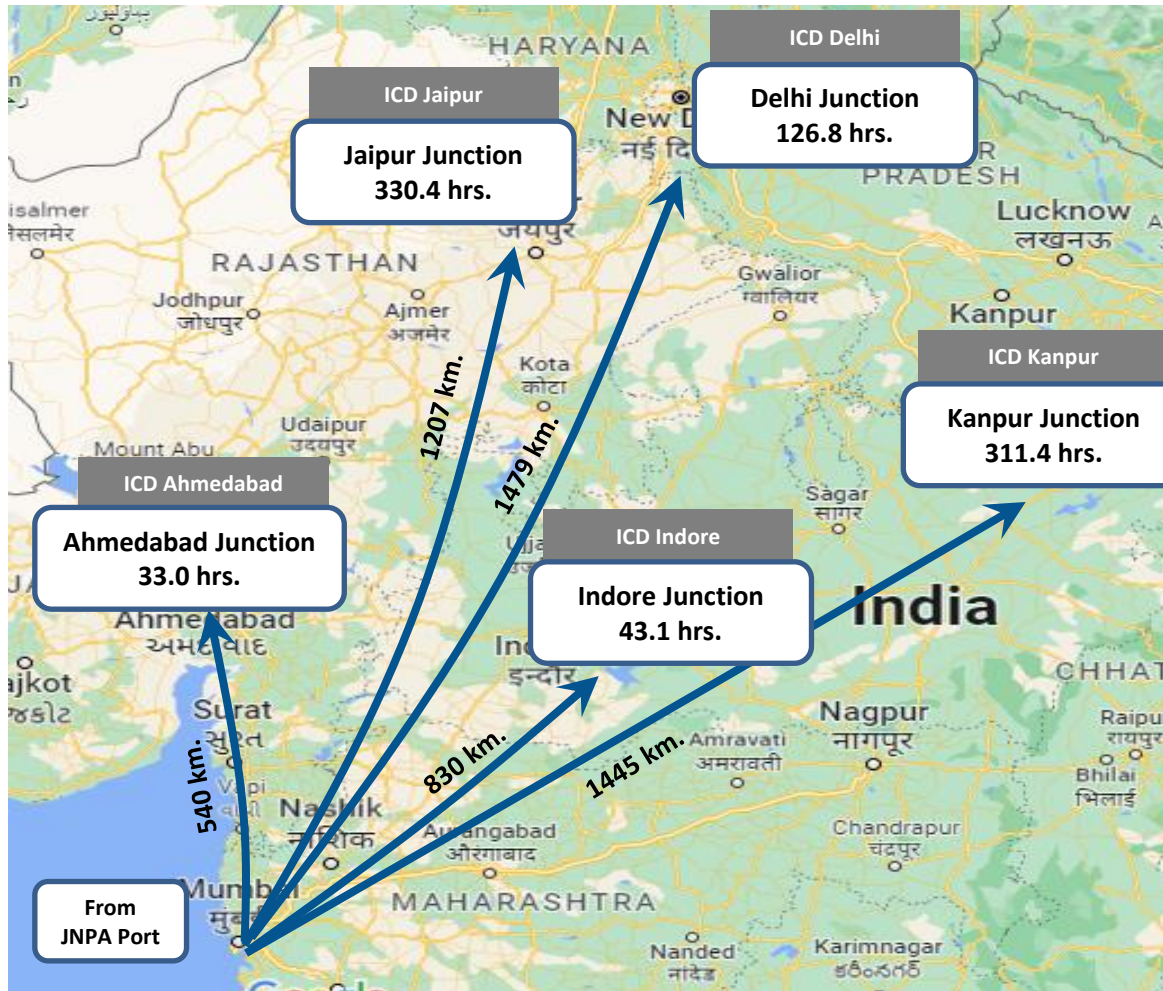
Below table depicts the Average Speed (in km/ hr) starting from ports and in between toll plazas:

	Source	Destination	Distance (Km)	Average Speed (Km/ hr)	
				AMJ'23	JAS'23
JNPA To Delhi	JNPA Port	Khaniwade	94	15.6	11.1
	Khaniwade	Charoti	50	37.1	38.2
	Charoti	Boriach	126	23.2	22.2
	Boriach	Bharthan	142	29.8	30.7
	Bharthan	Daulatpura	794	4.9	4.7
	Daulatpura	Kherki	199	-	-
Mundra To Delhi	Mundra Port	Mokha	28	23.0	20.3
	Mokha	Makhel	150	24.4	24.6
	Makhel	Bhalgam	108	35.0	33.4
Vizag To Kolkata	Vizag Port	Nathavalasa	62	5.7	4.0
	Nathavalasa	Manguli	413	15.0	13.9
	Manguli	Panikholi	56	32.8	33.0
	Panikholi	Rampura	216	21.8	19.9
	Rampura	Debra	34	36.4	30.1
	Debra	Jaladhalgori	77	32.7	34.5
	Jaladhalgori	Dankuni	28	0.6	0.7

Note: Average Speed is calculated based on the transit time(in-out timestamps). It depicts the transit time between two source and destinations toll plazas.

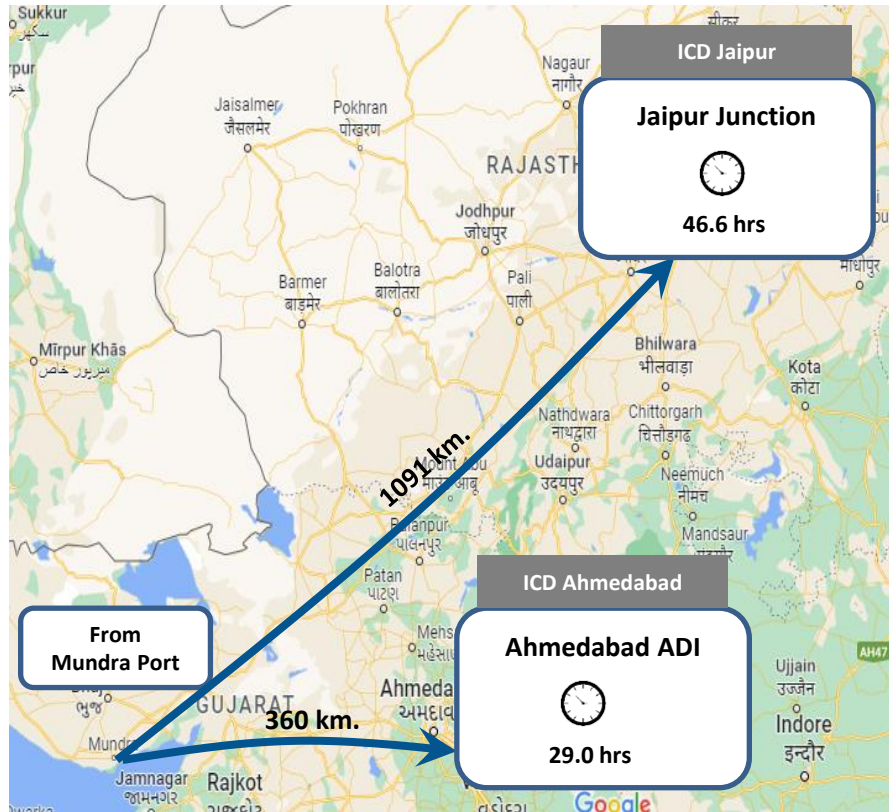
Transit Time Analysis: Port to ICD

JNPA Port to ICD

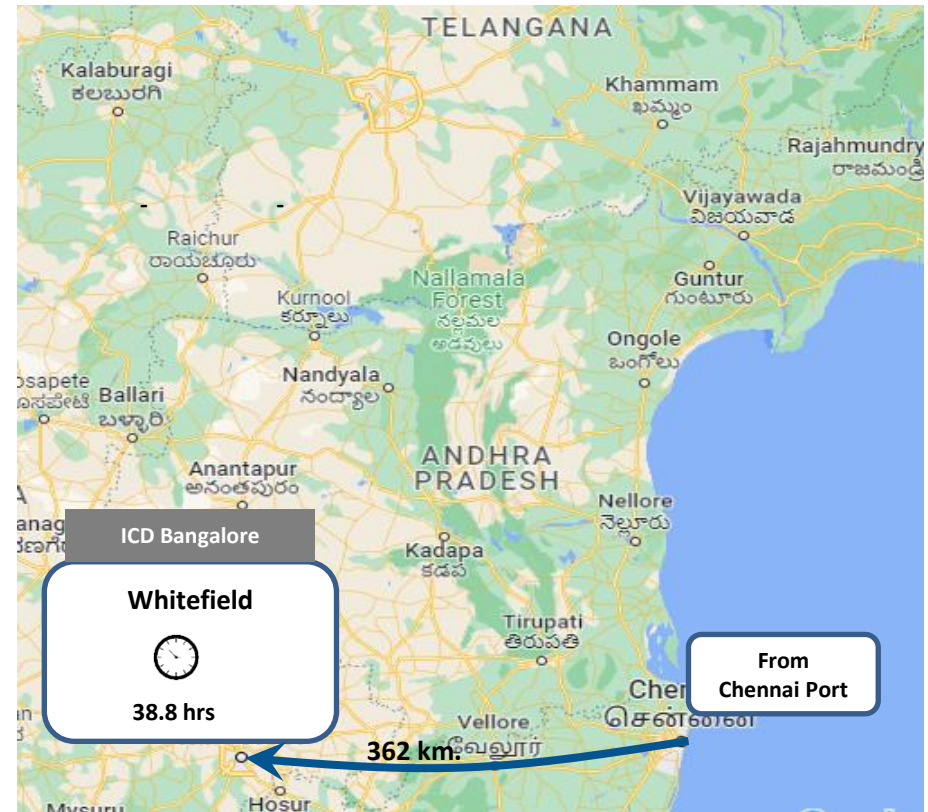


Transit Time Analysis: Port to ICD

Mundra Port to ICD



Chennai Port to ICD



Legend

Avg. Transit Time



07 Annexure



Annexure – Name of the Ports

Terminal Name	Name of the Port
ACMTTL	Adani CMA Mundra Terminal (ACMTTL)
AHPL	Adani Hazira Port Limited (AHPL)
AICT	Adani International Container Terminal (AICT)
AMCT	Adani Mundra Container Terminal (AMCT)
AMCT-2	Adani Mundra Container Terminal-2 (AMCT-2)
BMCT	Bharat Mumbai Container Terminal(PSA)
CCTL	Chennai Container Terminal Pvt. Ltd. (CCTL)
CITPL	Chennai International Terminals Pvt Ltd (CITPL)
DBGT	Dakshin Bharat Gateway Terminal (DBGT)
GTI	Gateway Terminals India (GTI)
HICT	Haldia International Container Terminal (HICT)
AKCTPL	Adani Krishnapatnam Container Terminal Pvt Ltd (AKCTPL)

Terminal Name	Name of the Port
KICT	Kandla International Container Terminal (KICT)
ICTT	International Container Transshipment Terminal, Kochi
NSFT	Nhava Sheva Freeport Terminal (NSFT)
AKPPL	Adani Kattupalli Port Private Limited (AKPPL)
KDS	Kolkata Dock System (KDS)
MICT	Mundra International Container Terminal (MICT)
NSIGT	Nhava Sheva India Gateway Terminal (NSIGT)
NSICT	Nhava Sheva International Container Terminal (NSICT)
VCTPL	Visakha Container Terminal
NMPT	JSW- Mangalore container terminal pvt ltd
AECT	Adani Ennore Container Terminal (AECT)

Annexure – Western Region

List of CFS name used in CFS Performance Index

1	Adani CFS Eximyard, Mundra	20	Ocean Gate CFS, Panvel
2	Saurashtra CFS, Mundra	21	AllCargo Logistics
3	Punjab Conware CFS, Navi Mumbai	22	APM (Maersk India) CFS, Navi Mumbai
4	Hind Terminals Pvt. Ltd. CFS, Mundra	23	TG Terminals CFS, Mundra
5	Seabird CFS, Mundra	24	Landmark CFS, Mundra
6	CWC CFS, Mundra	25	Seabird CFS, Navi Mumbai
7	EFC Logistics India	26	Navkar Corporation Yard 2 CFS, Panvel
8	International Cargo Terminals (ULA) CFS, Navi Mumbai	27	Ashutosh CFS, Mundra
9	Honey Comb CFS, Mundra	28	Rishi CFS, Mundra
10	MICT CFS, Mundra	29	Ashte Logistics CFS, Panvel
11	JWC Logistics Park CFS	30	Apollo Logisolutions CFS, Panvel
12	Gateway Distriparks CFS, Navi Mumbai	31	Continental Warehousing CFS, Navi Mumbai
13	Seabird CFS, Hazira	32	LCL Logistics CFS, Pipavav
14	Hind Terminal CFS, Hazira	33	International Cargo Terminal CFS
15	CWC Conex Terminal CFS	34	TG Terminals CFS
16	Sarveshwar CFS	35	Mundhra CFS, Mundra
17	Ameya Logistics CFS, Navi Mumbai	36	Navkar Corporation Yard 1 CFS, Panvel
18	Speedy Multimode CFS, JNPT	37	Navkar Corporation Yard 3 CFS, Panvel
19	Dronagiri Rail Terminal CFS, Navi Mumbai	38	Vaishno Logistics CFS, Navi Mumbai

List of ICD name used in ICD Performance Index

1	Adani ICD, Tumb
2	The Thar Dry Port ICD Ahmedabad
3	Hind Terminals Logistics Park ICD, Palwal
4	Pristine ICD Chawapail , Ludhiana
5	Continental Warehousing Corporation Nhava Sheva pvt.
6	KLPL ICD, Kanpur
7	Vaishno Container Terminal-ICD Tarapur
8	ACTL ICD, Faridabad
9	Gateway Rail Freight Limited ICD
10	Gateway Rail Freight ICD, Pyala
11	Allcargo Logistics Park ICD, Dadri
12	The Thar Dry Port Jodhpur
13	Gateway Rail ICD, Sahnewal
14	Albatross Inland Ports ICD, Dadri
15	APM Terminals ICD, Dadri
16	Pegasus Inland Container Depot
17	ICD KIFTPL Kashipur
18	CMA CGM Logistics Park, Dadri
19	ICD Timmapur, Telangana

Annexure – Southern & Eastern Region

List of CFS name used in Southern CFS Performance Index

1	Sical CFS, Chennai Tiruvallur Tamil Nadu	19	GDKL CFS
2	Allcargo Global Logistics CFS, Chennai	20	MIV CFS
3	Sanco Trans CFS, Chennai	21	Chandra CFS, Tiruvallur
4	Continental Warehousing Corporation CFS (Nhava Seva), Chennai	22	St. John Freight Systems Ltd. - ICD Division
5	Adani CFS, Kattupalli Tiruvallur Tamil Nadu	23	ICBC CFS Chennai
6	Kerry Indev Logistics ICD, Kanchipuram	24	Sudharsan Logistics CFS, Chennai
7	Apm Terminals India CFS, Tiruvallur	25	STP Services CFS, Chennai
8	Gateway Distriparks CFS, Chennai	26	Kerry Indev Logistics Private Limited / Continental Container Freight Station
9	Ennore Cargo Container Terminal CFS, Chennai	27	Sattva Hi-Tech And Conware CFS, Chennai
10	ALS Tuticorin Terminal Private Limited	28	Vilsons CFS
11	Kailash Shipping Services CFS, Chennai	29	Sical Multimodal and Rail Transport Ltd. - CFS Division
12	Continental Warehousing Corporation Nhava Sheva Ltd.	30	Calyx Container Terminal CFS, Chennai
13	Triway CFS, Chennai	31	Chola Logistics Pvt Ltd
14	Hari CFS	32	Prompt Terminals (P) Ltd
15	Balmer Lawrie CFS, Chennai	33	Diamond CFS Park
16	Raja Agencies CFS	34	Continental Warehousing Corporation CFS (Nhava Seva), Tiruvallur
17	Sattva Cfs And Logistics CFS, Chennai	35	A S Shipping Agencies CFS, Tiruvallur
18	Concor CFS, Chennai	36	Hind Terminals CFS, Chennai

List of CFS name used in Eastern CFS Performance Index

1	Phonex CFS
2	Century Plyboards CFS, JJP
3	Allcargo Logistics CFS
4	Sravan CFS-1
5	Century Plyboards CFS, Sonai
6	Gateway East India CFS
7	VCT CFS
8	Balmer Lawrie CFS
9	Sravan CFS-2
10	SICAL CFS
11	CWC CFS, Kolkata

LDB AT A GLANCE

63 MILLION⁺

CONTAINERS HANDLED

93

Toll Plaza Coverage

412⁺

CFS/ICD/ICP/PY/
IZ Coverage

600⁺

Operators
deployed at ports

100%

EXIM Container
Terminals covered

2800⁺

RFID readers
deployed PAN India

EDI


with FOIS and
27 Port Terminals


PORT PERFORMANCE

(April-May-June'23 vs July-August-September'23)

DWELL TIME


WESTERN REGION


Import Cycle : 4.7% 
(27.4 hrs to 26.1 hrs)

Export Cycle : 2.4% 
(86.7 hrs to 84.6 hrs)

TOP-PERFORMER :
Bharat Mumbai Container
Terminal (PSA)

EASTERN REGION


Import Cycle : 4.2% 
(50.6 hrs to 52.7 hrs)

Export Cycle : 1.3% 
(99 hrs to 100.3 hrs)

TOP-PERFORMER :
Kolkata Dock System (KDS),
Kolkata Port

SOUTHERN REGION

Import Cycle : 5.8% 
(37.7 hrs to 39.9 hrs)

Export Cycle : 1.7% 
(77.9 hrs to 79.2 hrs)

TOP-PERFORMER :
Chennai International
Terminals Pvt Ltd (CITPL)

TOP PERFORMERS - PAN INDIA JAS '23



TERMINAL

Bharat Mumbai Container
Terminal (PSA)



CFS

Adani CFS Eximyard,
Mundra





NICDC LOGISTIC DATA SERVICES LIMITED

📍 Registered Office: Flat No. 302 C, 03rd Floor, World Trade Centre, Babar Road,
New Delhi, Connaught Place, New Delhi, central Delhi 110001, Delhi India

☎ TOLLFREE : 1800 572 8314 ✉ contactus@nldsl.in



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