LOGISTICS DATA BANK

ANALYTICS REPORT

NLDS
NICDC LOGISTICS DATA SERVICES LTD
Logistics Redefined

2023

July

in 𝕏 f ▶ | @nldsl

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

Index

SHOWCASING THE PROGRESS OF
EXIM CONTAINER TRACKING
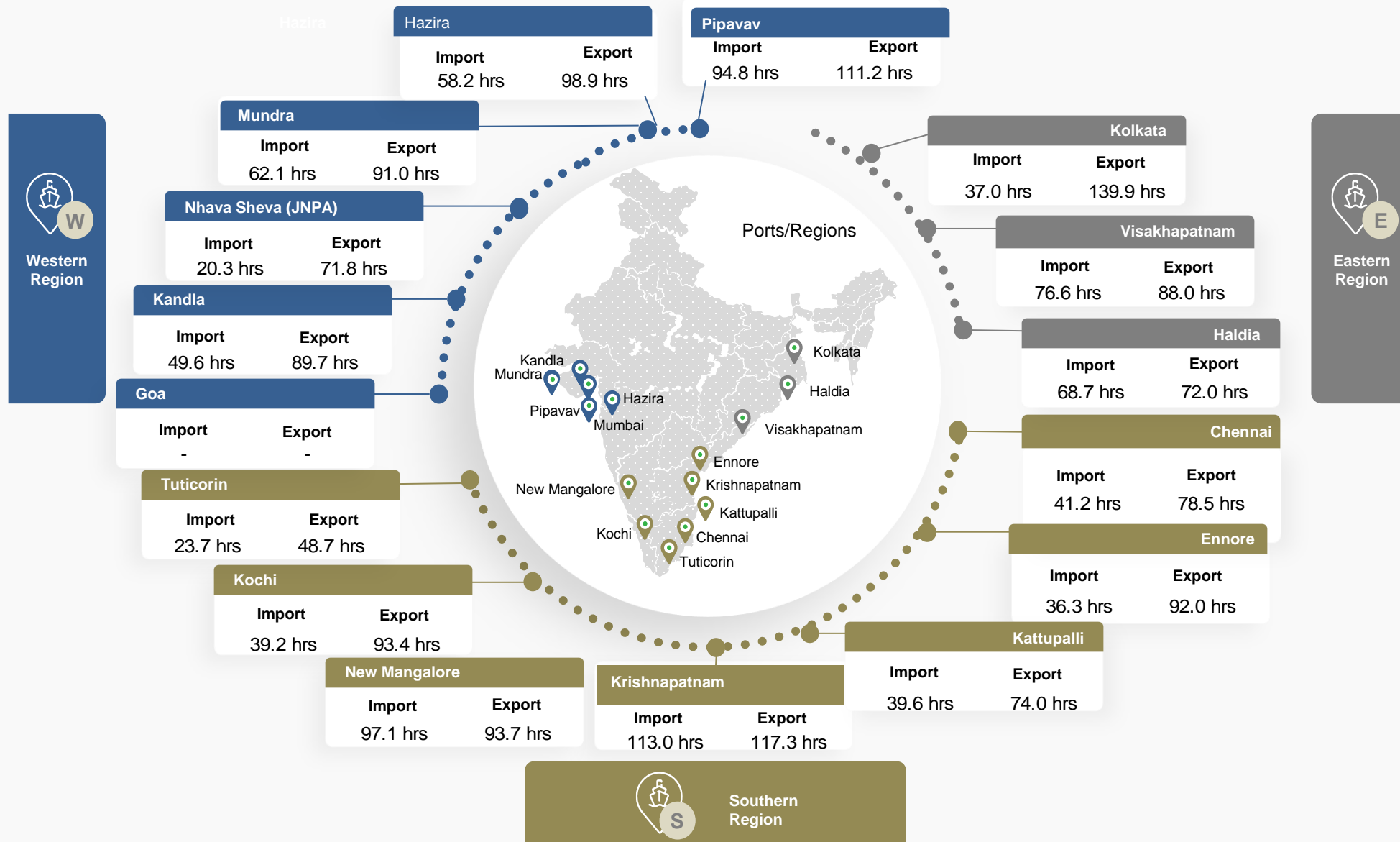
TRACKED
50+ MILLION CONTAINERS

01

PAN INDIA PERFORMANCE

TEAM - NICDC LOGISITICS DATA SERVICES LTD.

Dwell Time Performance: **PAN India**

Ports/Regions

Western Region (W)

Eastern Region (E)

Southern Region (S)

Hazira	
Import	**Export**
58.2 hrs	98.9 hrs

Pipavav	
Import	**Export**
94.8 hrs	111.2 hrs

Mundra	
Import	**Export**
62.1 hrs	91.0 hrs

Nhava Sheva (JNPA)	
Import	**Export**
20.3 hrs	71.8 hrs

Kandla	
Import	**Export**
49.6 hrs	89.7 hrs

Goa	
Import	**Export**
-	-

Tuticorin	
Import	**Export**
23.7 hrs	48.7 hrs

Kochi	
Import	**Export**
39.2 hrs	93.4 hrs

New Mangalore	
Import	**Export**
97.1 hrs	93.7 hrs

Krishnapatnam	
Import	**Export**
113.0 hrs	117.3 hrs

Kolkata	
Import	**Export**
37.0 hrs	139.9 hrs

Visakhapatnam	
Import	**Export**
76.6 hrs	88.0 hrs

Haldia	
Import	**Export**
68.7 hrs	72.0 hrs

Chennai	
Import	**Export**
41.2 hrs	78.5 hrs

Ennore	
Import	**Export**
36.3 hrs	92.0 hrs

Kattupalli	
Import	**Export**
39.6 hrs	74.0 hrs

Map labels: Kandla, Mundra, Pipavav, Hazira, Mumbai, New Mangalore, Kochi, Tuticorin, Ennore, Krishnapatnam, Kattupalli, Chennai, Kolkata, Haldia, Visakhapatnam

Note: Goa has no volume. .

Critical Incident Summary

Western Region

Month	Import Dwell Time		Export Dwell Time		CFS Dwell Time		ICD Dwell Time	
Jul'23	33.1 hrs	⬇	81.5 hrs	⬆	89.0 hrs	⬇	120.0 hrs	⬆
Jun'23	24.0 hrs		88.3 hrs		81.7 hrs		125.6 hrs	
MoM % Change	**37.9%**		**7.7%**		**8.9%**		**4.5%**	

For more details about Western Region, please go to Page 15

Southern Region

Month	Import Dwell Time		Export Dwell Time		CFS Dwell Time	
Jul'23	39.3 hrs	⬇	78.2 hrs	⬆	105.7 hrs	⬇
Jun'23	37.3 hrs		78.8 hrs		101.3 hrs	
MoM % Change	**5.4%**		**0.8%**		**4.3%**	

For more details about Southern Region, please go to Page 35

Eastern Region

Month	Import Dwell Time		Export Dwell Time		CFS Dwell Time	
Jul'23	56.1 hrs	⬇	102.7 hrs	⬆	139.5 hrs	⬆
Jun'23	50.8 hrs		118.6 hrs		142.8 hrs	
MoM % Change	**10.4%**		**13.4%**		**2.3%**	

For more details about Eastern Region, please go to Page 49

Port Dwell Time (Import Cycle)

	Feb'23 (in hrs)	Mar'23 (in hrs)	Apr'23 (in hrs)	May'23 (in hrs)	Jun'23 (in hrs)	Jul'23 (in hrs)
Western Region	**30.3**	**32.0**	**30.6**	**27.3**	**24.0**	**33.1**
JNPA	27.8	26.5	29.1	19.9	15.8	20.3
Mundra	33.7	40.3	32.1	38.1	44.4	62.1
Pipavav	47.6	43.3	59.2	64.8	77.8	94.8
Kandla	19.4	25.1	27.4	30.7	-	49.6
Hazira	33.0	40.4	30.8	54.0	49.4	58.2
Southern Region	**42.1**	**34.6**	**36.9**	**38.9**	**37.3**	**39.3**
Chennai	41.2	33.0	36.7	38.3	37.2	41.2
Kochi	39.9	56.3	55.8	48.4	36.9	39.2
Kattupalli	48.5	42.3	50.1	53.6	45.5	39.6
Tuticorin	38.8	20.9	15.5	20.7	23.3	23.7
Krishnapatnam	43.2	27.0	53.0	48.0	94.8	113.0
Ennore	36.6	30.5	34.9	38.2	35.5	36.3
New Mangalore	58.9	57.7	66.7	109.3	115.6	97.1
Eastern Region	**47.0**	**43.2**	**48.2**	**53.1**	**50.8**	**56.1**
Visakhapatnam	63.8	48.8	61.8	70.0	84.9	76.6
Kolkata	30.7	29.3	33.6	34.6	28.9	37.0
Haldia	110.7	75.1	63.8	88.7	65.7	68.7

IMPORT

Note: Kandla has no volume in Jun'23 month

Port Dwell Time (Export Cycle)

EXPORT

	Feb'23 (in hrs)	Mar'23 (in hrs)	Apr'23 (in hrs)	May'23 (in hrs)	Jun'23 (in hrs)	Jul'23 (in hrs)
Western Region	**81.7**	**86.9**	**90.9**	**81.3**	**88.3**	**81.5**
JNPA	69.5	74.0	80.0	65.0	71.9	71.8
Mundra	98.6	103.6	103.1	99.9	115.8	91.0
Pipavav	83.2	86.8	93.8	105.8	205.0	111.2
Kandla	98.5	101.1	95.7	108.0	-	89.7
Hazira	106.9	107.3	120.7	108.1	117.6	98.9
Southern Region	**82.8**	**77.4**	**77.3**	**77.8**	**78.8**	**78.2**
Chennai	83.9	82.5	82.3	83.7	91.0	78.5
Kochi	74.0	68.7	84.3	80.2	72.2	93.4
Kattupalli	82.1	89.0	82.1	96.7	94.7	74.0
Tuticorin	74.0	56.0	48.8	52.9	47.8	48.7
Krishnapatnam	54.4	59.3	46.3	61.2	51.7	117.3
Ennore	98.4	97.4	104.4	86.6	97.3	92.0
New Mangalore	85.1	80.6	93.3	73.9	73.9	93.7
Eastern Region	**100.0**	**95.6**	**96.0**	**82.3**	**118.6**	**102.7**
Visakhapatnam	84.0	77.0	79.6	66.2	88.5	88.0
Kolkata	123.9	133.3	112.6	111.9	157.6	139.9
Haldia	96.0	100.4	149.4	97.5	144.0	72.0

Note: Kandla has no volume in Jun'23 month

CFS and ICD Dwell Time

	Feb'23 (in hrs)	Mar'23 (in hrs)	Apr'23 (in hrs)	May'23 (in hrs)	Jun'23 (in hrs)	Jul'23 (in hrs)
Western Region	**81.8**	**83.0**	**89.5**	**88.3**	**81.7**	**89.0**
JNPA	80.3	80.6	91.0	85.4	75.5	80.5
Mundra	82.0	84.8	86.6	91.4	88.2	98.1
Pipavav	86.1	89.9	82.9	87.4	96.2	78.1
Hazira	96.0	93.5	109.6	98.8	115.6	104.9
Southern Region	**103.2**	**97.7**	**114.6**	**109.3**	**101.3**	**105.7**
Chennai, Ennore, Kattupalli	100.7	91.5	108.3	102.3	93.6	94.8
Kochi	103.2	81.3	114.9	106.2	96.4	102.3
Tuticorin	126.0	134.9	152.5	142.2	134.6	157.9
Krishnapatnam	78.5	112.9	106.0	137.8	139.7	132.6
Eastern Region	**127.7**	**123.1**	**143.8**	**143.2**	**142.8**	**139.5**
Visakhapatnam	129.2	134.0	152.4	165.1	162.3	153.3
Kolkata	126.7	120.0	139.2	132.1	130.4	131.9
Haldia	140.7	123.6	156.9	115.4	137.7	109.9

CFS

	Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
Western Region	**112.4**	**119.4**	**136.8**	**130.0**	**125.6**	**120.0**

ICD

Container Count: **PAN India**

Below graphs depicts the change in container count during the month of Jul'23 w.r.t the last month i.e. Jun'23.

PAN India

Last 1 Year Average **441,451**	Last 1 Year Average **418,833**

IMPORT

4,05,876 — Jun'23 → **11%** → 4,51,871 — Jul'23

EXPORT

4,09,145 — Jun'23 → **9%** → 4,45,020 — Jul'23

Import Volume

	Train	Truck
Jun'23	13%	87%
Jul'23	16%	84%

Export Volume

	Train	Truck
Jun'23	16%	84%
Jul'23	19%	81%

Port Performance Benchmarking: **PAN India**

Performance Index – Jul'23

Star Performer ★ ★ ★

★ ★ **Slow Bulk Mover**

Plotted points: BMCT, AICT, GTI, MICT, NSICT, NSIGT, AMCT, ACMTPL, VCTPL, CITPL, KDS, AHPL, DBGT, AKPPL, CCTL, AMCT-2, AECT, NSFT, ICTT, NMPT, KICT, HICT, NCT

Axis labels: Volume (High / low), Dwell Time (low / High), scale marks -3, -2, 0, 2, -3

High Potential ★ ★

★ **Laggard**

Top Performing Terminal

Bharat Mumbai Container Terminals (PSA)

Jun'23	Jul'23	
35.3 hrs	40.5 hrs	⬇

Low Performing Terminal

Adani Krishnapatnam Container Terminal Private Ltd.(AKCTPL)

Jun'23	Jul'23	
72.1 hrs	97.9 hrs	⬇

The arrows depict increase/decrease in performance of the stakeholders in comparison to Jun'23

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**

Performance Index – Jul'23

Star Performer ★ ★ ★

★ ★ **Slow Bulk Mover**

Sical CFS, Chennai Tiruvallur Tamil Nadu

Adani CFS Eximyard, Mundra

Saurashtra CFS, Mundra

VPL Integral CFS

Sical Multimodal and Rail Transport Ltd. - CFS Division

Kerry Indev Logistics Private Limited

High / **Volume**

low / **Dwell Time** / **High**

low

● Eastern Region ● Southern Region ● Western Region

High Potential ★ ★

★ **Laggard**

Top Performing CFS

1. **Sical CFS, Chennai Tiruvallur Tamil Nadu**
2. **Adani CFS Eximyard, Mundra**
3. **Saurashtra CFS, Mundra**

Low Performing CFS

1. **Sical Multimodal and Rail Transport Ltd. - CFS Division**
2. **VPL Integral CFS**
3. **Kerry Indev Logistics Private Limited**

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 ★

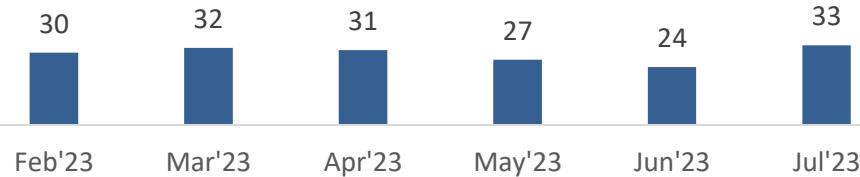Consist of entities which have catered relatively lower container volume at higher dwell time

02

WESTERN REGION PERFORMANCE

NITIN JAIRAM GADKARI
MINISTER, ROAD TRANSPORT AND HIGHWAYS

PRIME MINISTER

PIYUSH GOYAL
MINISTER, COMMERCE & INDUSTRY, CONSUMER AFFAIRS,
FOOD AND PUBLIC DISTRIBUTION AND TEXTILES

PM GatiShakti
National Master Plan for
Multi-Model connectivity

Launch of
NATIONAL

Import Cycle Dwell Time Performance: **Western Region**

Western Region

	Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
	30	32	31	27	24	33

PAN India Average

37.1 Hrs.

(Jul'23)

IMPORT

Ports

Pipavav

Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
48	43	59	65	78	95

Hazira

Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
33	40	31	54	49	58

Kandla

Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
19	25	27	31	0	50

JNPA

Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
28	27	29	20	16	20

Mundra

Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
34	40	32	38	44	62

Terminals

NSFT: 0 0 45 23 19 23
NSICT: 34 35 40 23 17 23
GTI: 22 18 20 15 13 15
NSIGT: 32 29 35 22 17 23
BMCT: 29 29 25 20 16 21

ACMTPL: 33 40 32 36 40 55
AMCT-2: 27 30 24 29 31 44
AICTPL: 42 56 48 59 69 98
AMCT: 29 28 27 25 31 39
MICT: 35 42 32 41 44 58
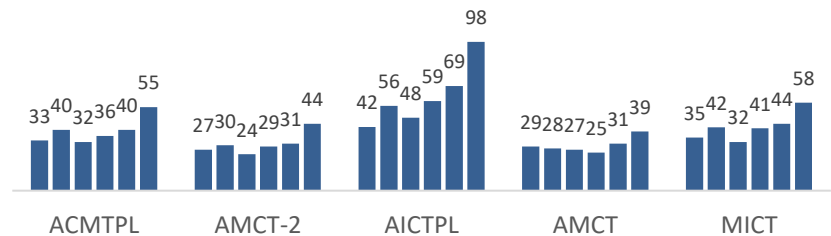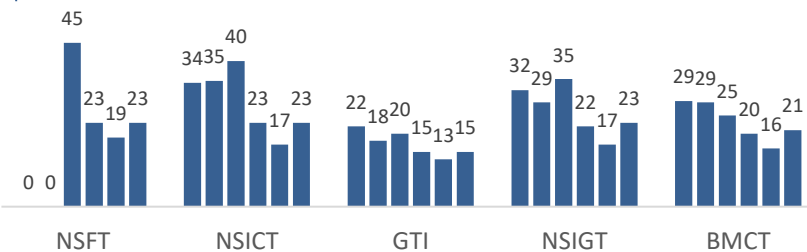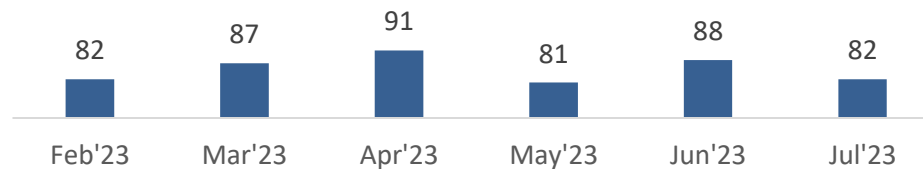
Note: Kandla has no volume in Jun'23 month. Also, NSFT has no volume in Feb'23 and Mar'23 month.

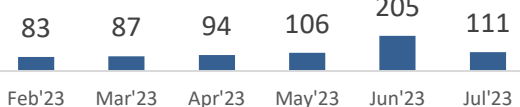# Export Cycle Dwell Time Performance: **Western Region**

NLDS
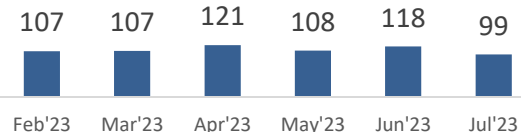NICDC LOGISTICS DATA SERVICES LTD
Logistics Redefined

EXPORT

Western Region
W

	Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
	82	87	91	81	88	82

PAN India Average
82.4 Hrs.
(Jul'23)

Ports

Pipavav

Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
83	87	94	106	205	111

Hazira

Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
107	107	121	108	118	99

Kandla

Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
99	101	96	108	0	90

JNPA

Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
69	74	80	65	72	72

Mundra

Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
99	104	103	100	116	91

Terminals

NSFT: 0, 0, 69, 59, 74, 76
NSICT: 64, 61, 59, 56, 58, 62
GTI: 69, 74, 78, 66, 74, 71
NSIGT: 81, 85, 96, 79, 86, 90
BMCT: 67, 78, 88, 63, 70, 68

ACMTPL: 105, 107, 117, 94, 124, 90
AMCT-2: 85, 92, 98, 78, 106, 80
AICTPL: 114, 122, 127, 126, 142, 114
AMCT: 100, 98, 97, 100, 109, 88
MICT: 84, 95, 87, 85, 92, 82

Note: Kandla has no volume in Jun'23 month. Also, NSFT has no volume in Feb'23 and Mar'23 month.

© NICDC Logistics Data Services Limited

Western Region | Page **18**

Container Count: **Western Region**

Below graphs depicts the change in container count during the month of Jul'23 w.r.t the last month i.e. Jun'23.

Western Region

W

| Last 1 Year Average **308,240** | | Last 1 Year Average **291,783** |

3,14,886

3,10,358

2,70,996

16%

Jun'23

Jul'23

IMPORT

2,71,632

14%

Jun'23

Jul'23

EXPORT

Import Volume %

- Jun'23
- Jul'23

	Train	Truck
Jun'23	17%	83%
Jul'23	18%	82%

Export Volume %

	Train	Truck
Jun'23	22%	78%
Jul'23	23%	77%

- Jun'23
- Jul'23

Container Transportation: **Western Region**
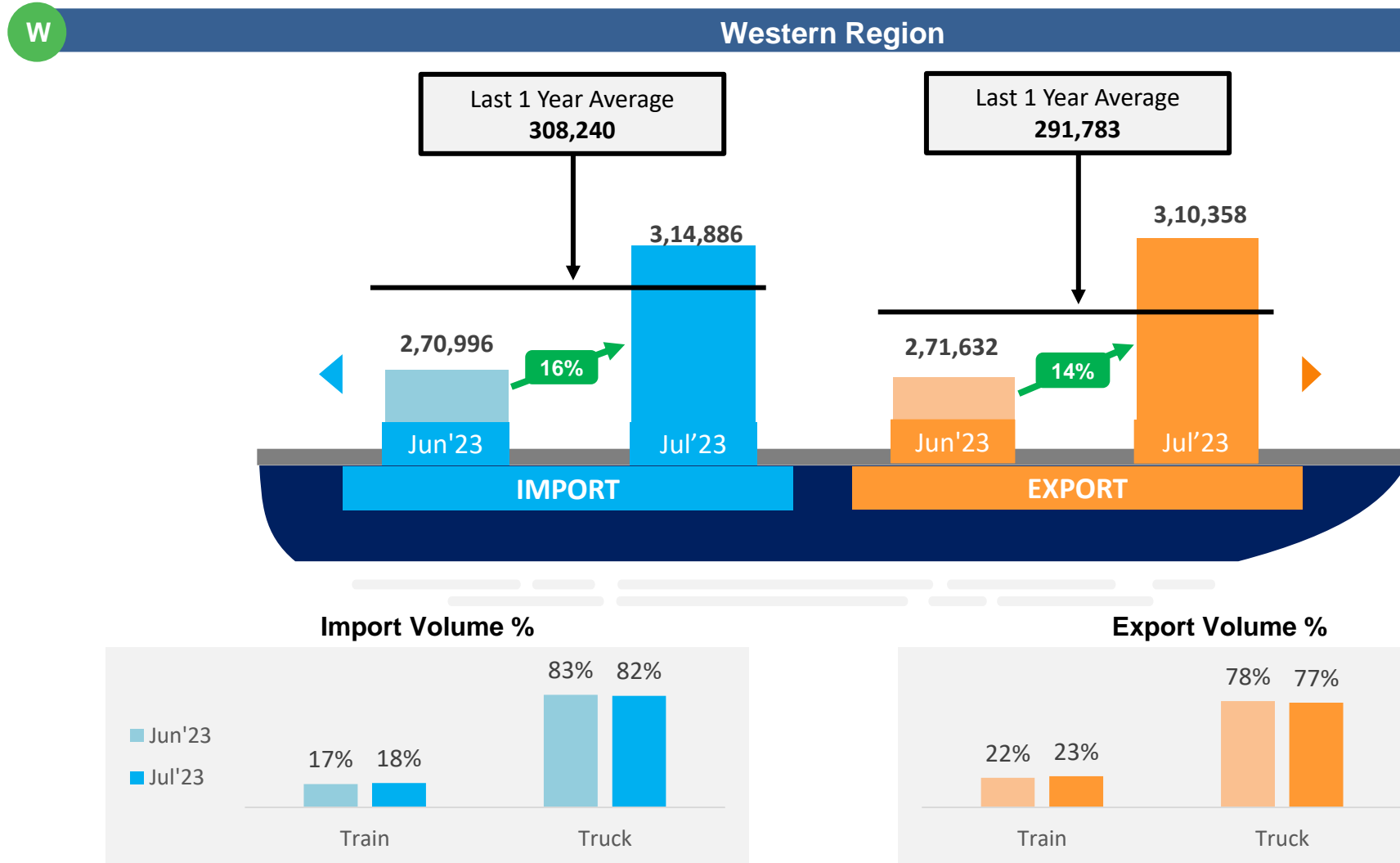
Container Lifecycle (Import Cycle)

Port Dwell Time – Import Cycle

IMPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)	
Train	52.0	65.2	🔻
Truck	20.5	27.9	🔻
Overall	**24.0**	**33.1**	🔻

CFS/ ICD Dwell Time

CFS/ ICD

	Jun'23 (in hrs)	Jul'23 (in hrs)	
CFS	81.7	89.0	🔻
ICD	125.6	120.0	🔺

Port Dwell Time – Export Cycle

EXPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)	
Train	123.5	105.8	🔺
Truck	83.2	77.7	🔺
Overall	**88.3**	**81.5**	🔺

🔺 The marked entries showcase increase in performance in comparison to Jun'23

🔻 The marked entries showcase decrease in performance in comparison to Jun'23

Container Lifecycle (Export Cycle)

Port Performance Benchmarking: **Western Region**

Performance Index – Jul'23

Star Performer ★ ★ ★

★ ★ **Slow Bulk Mover**

High — Volume (High)

- BMCT
- AICT
- MICT
- GTI
- AMCT
- NSICT
- NSIGT
- ACMTPL
- AHPL
- AMCT-2
- NSFT
- KICT

Dwell Time (High)

low (-3 ... -2 ... 0 ... 1 ... 2)

low — Volume (low)

-3

High Potential ★ ★

★ **Laggard**

Top Performing Terminal

Bharat Mumbai Container Terminals (PSA)

Jun'23	Jul'23	↓
35.3 hrs	40.5 hrs	

Low Performing Terminal

Adani Hazira Port Private Limited (AHPL)

Jun'23	Jul'23	↑
78.0 hrs	76.4 hrs	

↑ ↓ The arrows depict increase/decrease in performance of the stakeholders in comparison to Jun'23

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**

Performance Index – Jul'23

Star Performer ★ ★ ★

Adani CFS Eximyard, Mundra — High

Slow Bulk Mover ★ ★

Volume

High Potential ★ ★

Laggard ★

Dwell Time — High

low

Adani CFS, Hazira

Top Performing CFS

Adani CFS Eximyard, Mundra

Jun'23	Jul'23
81.0 hrs	83.8 hrs

Low Performing CFS

Adani CFS, Hazira

Jun'23	Jul'23
101.7 hrs	126.5 hrs

The arrows depict increase/decrease in performance of the stakeholders in comparison to Jun'23

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**

Performance Index – Jul'23

Star Performer ⭐⭐⭐

⭐⭐ Slow Bulk Mover

Continental Warehousing Corporation Nhava Sheva pvt.

High ↑ Volume

13

12

10

low

15 16

4 5

6 1

3

9

2

CWC ICD, Patparganj

Dwell Time High →

low

High Potential ⭐⭐

⭐ Laggard

Top Performing ICD

Continental Warehousing Corporation Nhava Sheva Pvt	
Jun'23	Jul'23
100.2 hrs	110.5 hrs

🔻

Low Performing ICD

CWC ICD, Patparganj	
Jun'23	Jul'23
141.0 hrs	132.0 hrs

🔺

The arrows depict increase/decrease in performance of the stakeholders in comparison to Jun'23

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 Transportation: **JNPA Port**

Container Lifecycle (Import Cycle)

Port Dwell Time – Import Cycle

IMPORT		Jun'23 (in hrs)	Jul'23 (in hrs)	
	Train	38.4	52.3	🔻
	Truck	13.8	17.5	🔻
	Overall	**15.8**	**20.3**	🔻

Transit Time – Import Cycle

IMPORT	Jun'23 (in hrs)	Jul'23 (in hrs)	
Port to CFS	2.35	2.46	🔻
Port to ICD	107.0	111.0	🔻

CFS/ ICD Dwell Time

CFS/ ICD	Jun'23 (in hrs)	Jul'23 (in hrs)	
CFS	75.5	80.5	🔻
ICD	125.6	120.0	🔼

Port Dwell Time – Export Cycle

EXPORT		Jun'23 (in hrs)	Jul'23 (in hrs)	
	Train	88.5	85.0	🔼
	Truck	69.8	70.2	🔻
	Overall	**71.9**	**71.8**	🔼

Transit Time – Export Cycle

IMPORT	Jun'23 (in hrs)	Jul'23 (in hrs)	
CFS to Port	4.18	4.57	🔻
ICD to Port	112.2	105.3	🔼

🔼 The marked entries showcase increase in performance in comparison to Jun'23

🔻 The marked entries showcase decrease in performance in comparison to Jun'23

Container Lifecycle (Export Cycle)

Predictive Analysis: **JNPA Port**
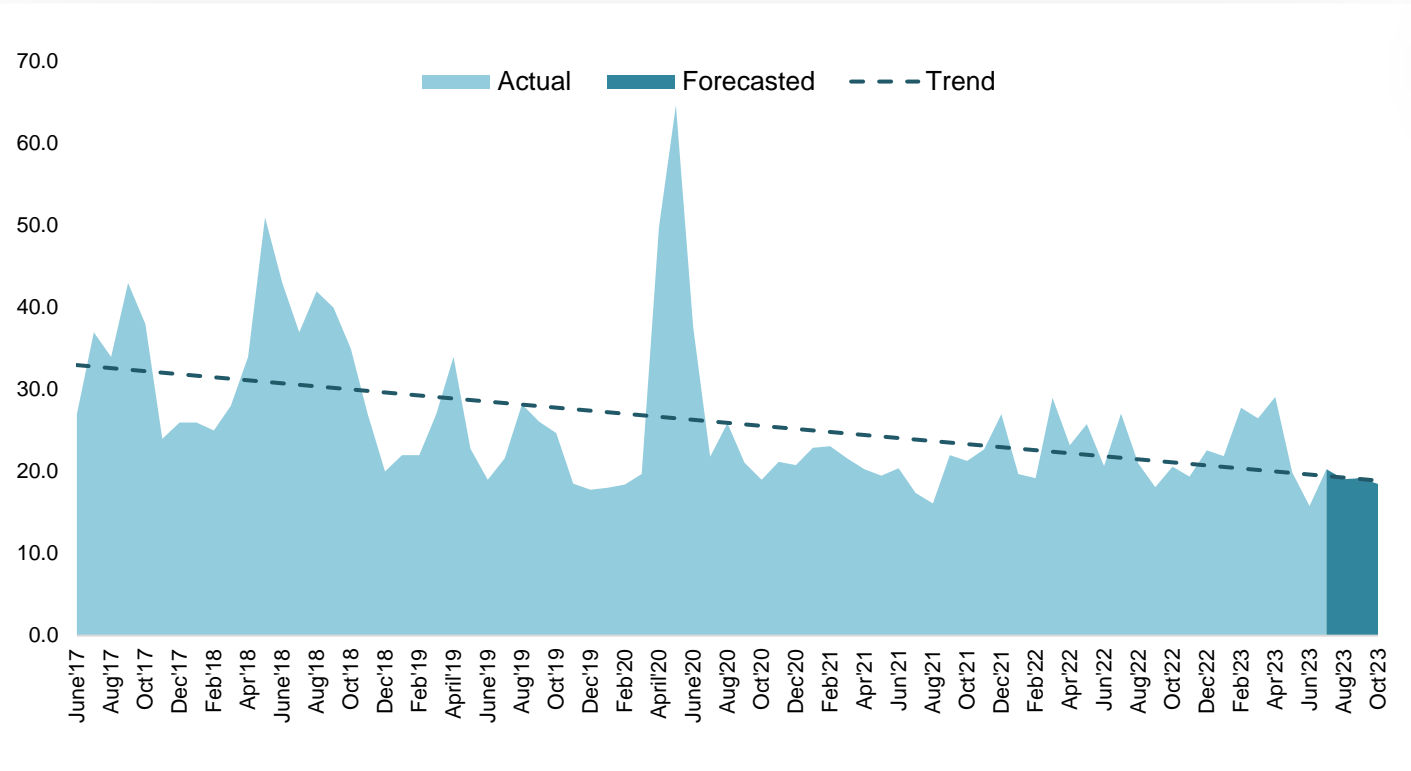
Observation

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 minima in Oct'23.

	May'23	Jun'23	**Jul'23**	Aug'23	Sep'23	Oct'23
Actual Dwell Time (in hours)	19.9	15.8	20.3	-	-	-
Forecasted Dwell Time (in hours)	26.2	19.6	18.8	19.1	19.2	18.5
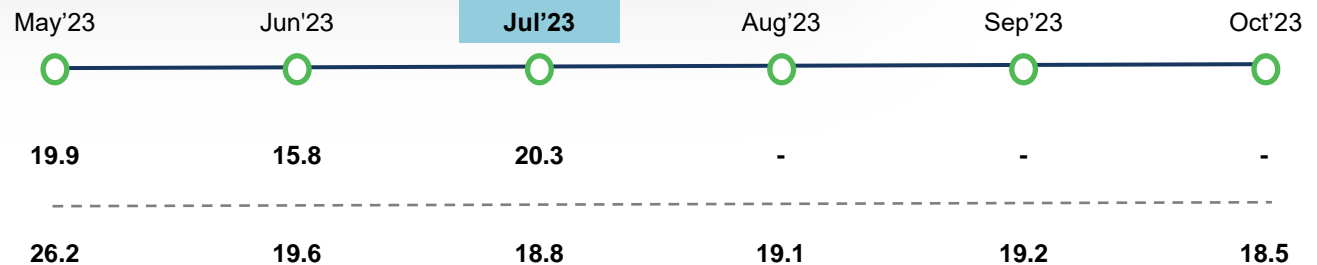
JNPA Port Terminal: Container Transportation

IMPORT CYCLE DWELL TIME (Jul'23 – in hrs)			
Port dwell time	Overall Dwell Time of Truck and Train Bound Containers	20.3	28.5% ⬇
	Port Dwell Time for Truck Bound Containers	17.5	26.8% ⬇
	Port Dwell time for Train Bound Containers	52.3	36.2% ⬇
	Port Dwell time Direct Port Delivery (DPD) containers	24.9	3.1% ⬆
	Port Dwell time Containers bound for CFS	17.0	32.8% ⬇
	Port Dwell for Empty Containers	29.5	36.6% ⬇
	Port Dwell for Laden Containers	19.4	26.8% ⬇
Transit time	Port to ICD	111.0	3.7% ⬇
	Port to CFS	2.46	4.7% ⬇

Compared to Jun'23

EXPORT CYCLE DWELL TIME (Jul'23– in hrs)			
Port dwell time	Overall Dwell Time of Truck and Train Bound Containers	71.8	0.1% ⬆
	Port Dwell Time for Truck Bound Containers	70.2	0.6% ⬇
	Port Dwell time for Train Bound Containers	85.0	4.0% ⬆
	Port Dwell time Direct Port Entry (DPE) containers	73.8	2.9% ⬇
	Port Dwell time Containers bound from CFS	68.2	9.1% ⬆
	Port Dwell for Empty Containers	61.6	5.1% ⬆
	Port Dwell for Laden Containers	76.3	2.4% ⬇
Transit time	ICD to Port	105.3	6.1% ⬆
	CFS to Port	4.57	9.3% ⬇

Compared to Jun'23

⬆⬇ The arrows depict increase/decrease in performance of the stakeholders in comparison to Jun'23

JNPA Region: Parking Plaza Dwell Time Analysis

The below table depicts the Parking Plaza & Parking Plaza to Port Transit Performance at JNPA Port Terminals and their volume bifurcation in export cycle

Gate In - Gate Out	Jun'23 (in hrs)	Jul'23 (in hrs)
Parking Plaza Dwell Time	5.10	5.32

Container Count Percentage: Hour-wise (Jul'23)

	Within 2 hrs	Within 2-4 hrs	Within 4-8 hrs	Within 8-16 hrs	Within 16-24 hrs	More than 24 hrs
Parking Plaza Dwell Time	10%	25%	37%	20%	5%	3%

Gate Out – Terminal In	Jun'23 (in hrs)	Jul'23 (in hrs)
Parking Plaza to JNPA Port	2.18	2.00

Port	Jun'23 (in hrs)	Jul'23 (in hrs)
NSFT	2.0	4.6
NSICT	3.3	3.1
GTI	0.5	1.0
NSIGT	1.3	0.8
BMCT	3.7	2.9

Container Count Percentage: Hour-wise (Jul'23)

Parking Plaza to Port	Within 2 hrs	Within 2-4 hrs	Within 4-8 hrs	Within 8-16 hrs	Within 16-24 hrs	More than 24 hrs
NSFT	31%	16%	42%	8%	4%	0%
NSICT	29%	30%	32%	9%	0%	0%
GTI	91%	8%	1%	1%	0%	0%
NSIGT	78%	15%	4%	2%	1%	0%
PSA	19%	48%	21%	11%	1%	0%

Container Transportation: **Mundra Port**

Container Lifecycle (Import Cycle)

Port Dwell Time – Import Cycle

IMPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)	
Train	88.7	86.5	⬆
Truck	38.5	57.2	⬇
Overall	**44.4**	**62.1**	⬇

Transit Time – Import Cycle

IMPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)	
Port to CFS	0.93	0.90	⬆
Port to ICD	79.2	90.4	⬇

CFS/ ICD Dwell Time

CFS/ ICD
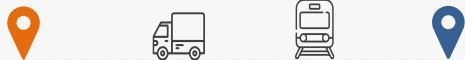
	Jun'23 (in hrs)	Jul'23 (in hrs)	
CFS	88.2	98.1	⬇
ICD	125.6	120.0	⬆

Port Dwell Time – Export Cycle

EXPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)	
Train	152.5	116.6	⬆
Truck	105.6	84.8	⬆
Overall	**115.8**	**91.0**	⬆

Transit Time – Export Cycle

IMPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)	
CFS to Port	0.69	0.66	⬆
ICD to Port	85.6	88.6	⬇

⬆ The marked entries showcase increase in performance in comparison to Jun'23

⬇ The marked entries showcase decrease in performance in comparison to Jun'23
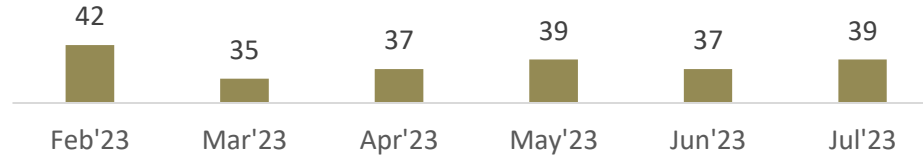
Container Lifecycle (Export Cycle)

Predictive Analysis: **Mundra Port**

Actual **Forecasted** **- - - Trend**

70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0

June'17, Aug'17, Oct'17, Dec'17, Feb'18, Apr'18, June'18, Aug'18, Oct'18, Dec'18, Feb'19, April'19, June'19, Aug'19, Oct'19, Dec'19, Feb'20, April'20, June'20, Aug'20, Oct'20, Dec'20, Feb'21, Apr'21, Jun'21, Aug'21, Oct'21, Dec'21, Feb'22, Apr'22, Jun'22, Aug'22, Oct'22, Dec'22, Feb'23, Apr'23, Jun'23, Aug'23, Oct'23
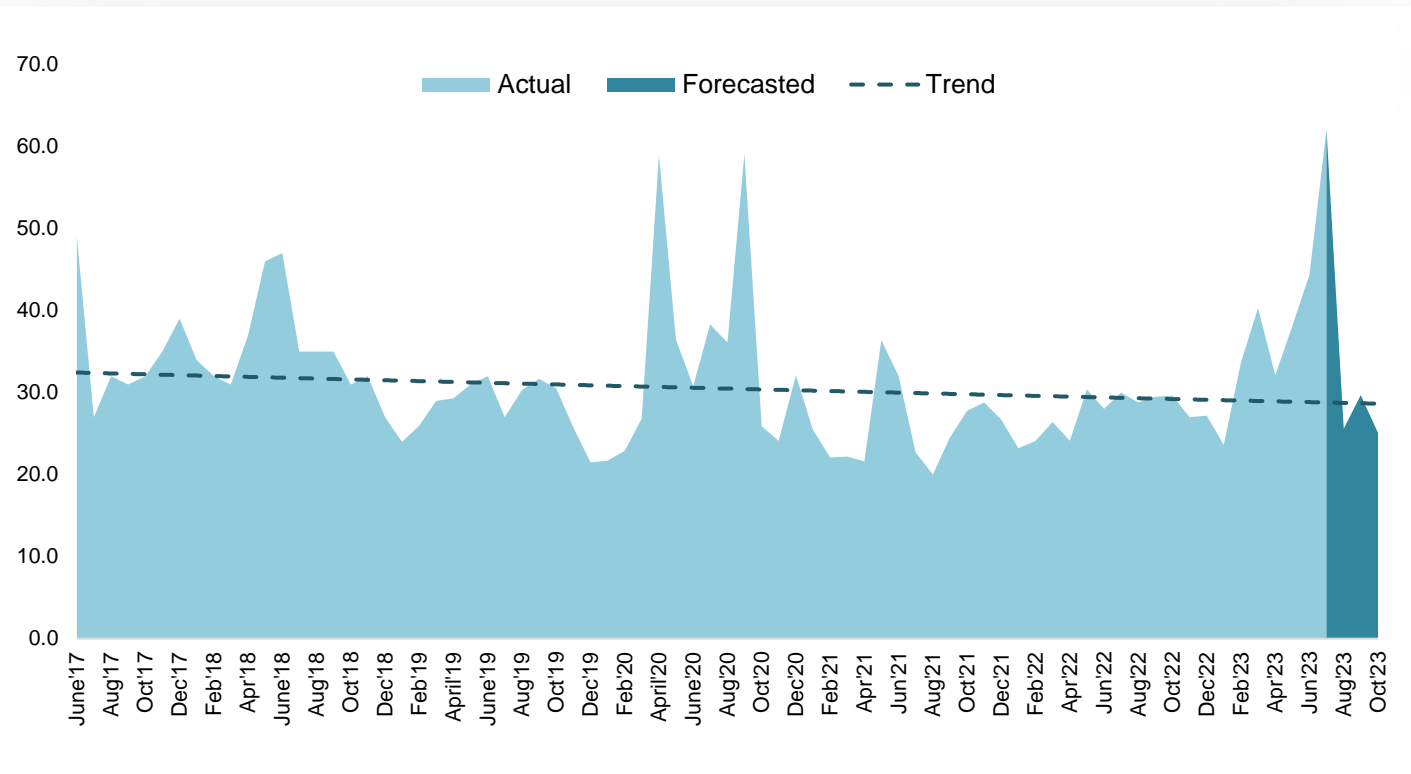
Observation

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 minima in Oct'23.

	May'23	Jun'23	**Jul'23**	Aug'23	Sep'23	Oct'23
Actual Dwell Time (in hours)	38.1	44.4	62.1	-	-	-
Forecasted Dwell Time (in hours)	30.3	30.5	25.4	25.6	29.7	25.1
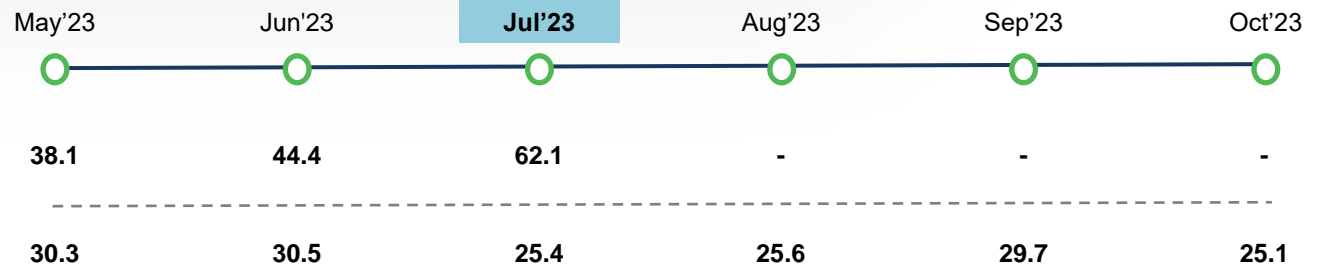
Mundra Port Terminal: Container Transportation

IMPORT CYCLE DWELL TIME (Jul'23– in hrs)				
Port dwell time	Overall Dwell Time of Truck and Train Bound Containers	62.1	39.9%	⬇
	Port Dwell Time for Truck Bound Containers	57.2	48.6%	⬇
	Port Dwell time for Train Bound Containers	86.5	2.5%	⬆
Transit time	Port to ICD	90.4	14.1%	⬇
	Port to CFS	0.90	3.2%	⬆

EXPORT CYCLE DWELL TIME (Jul'23– in hrs)				
Port dwell time	Overall Dwell Time of Truck and Train Bound Containers	91.0	21.4%	⬆
	Port Dwell Time for Truck Bound Containers	84.8	19.7%	⬆
	Port Dwell time for Train Bound Containers	116.6	23.5%	⬆
Transit time	ICD to Port	88.6	3.5%	⬇
	CFS to Port	0.66	4.3%	⬆

Compared to Jun'23

⬆⬇ The arrows depict increase/decrease in performance of the stakeholders in comparison to Jun'23

Container Transportation: **Pipavav Port**

Container Lifecycle (Import Cycle)

Port Dwell Time – Import Cycle

IMPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)	
Overall	77.8	94.8	🔻

CFS Dwell Time

CFS

	Jun'23 (in hrs)	Jul'23 (in hrs)	
CFS	96.2	78.1	🔼

Port Dwell Time – Export Cycle

EXPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)	
Overall	205.0	111.2	🔼

🔼 The marked entries showcase increase in performance in comparison to Jun'23

🔻 The marked entries showcase decrease in performance in comparison to Jun'23

Container Lifecycle (Export Cycle)

Container Transportation: **Kandla Port**

Container Lifecycle (Import Cycle)

Port Dwell Time – Import Cycle

IMPORT		Jun'23 (in hrs)	Jul'23 (in hrs)
	Overall	-	49.6

⬆ **The marked entries showcase increase in performance in comparison to Jun'23**

⬇ **The marked entries showcase decrease in performance in comparison to Jun'23**

EXPORT		Jun'23 (in hrs)	Jul'23 (in hrs)
	Overall	-	89.7

Port Dwell Time – Export Cycle

Container Lifecycle (Export Cycle)

Note: Kandla has no volume in Jun'23 month.

Container Transportation: **Hazira Port**

Container Lifecycle (Import Cycle)

Port Dwell Time – Import Cycle

IMPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)	
Overall	49.4	58.2	🔻

CFS Dwell Time

CFS

	Jun'23 (in hrs)	Jul'23 (in hrs)	
CFS	115.6	104.9	🔼

Port Dwell Time – Export Cycle

EXPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)	
Overall	117.6	98.9	🔼

🔼 The marked entries showcase increase in performance in comparison to Jun'23

🔻 The marked entries showcase decrease in performance in comparison to Jun'23

Container Lifecycle (Export Cycle)

03

SOUTHERN REGION PERFORMANCE

Import Cycle Dwell Time Performance: **Southern Region**

IMPORT

Southern Region

Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
42	35	37	39	37	39

PAN India Average

37.1 Hrs.

(Jul'23)

Ports

Kochi

Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
40	56	56	48	37	39

New Mangalore

Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
59	58	67	109	116	97

Ennore

Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
37	31	35	38	35	36

Krishnapatnam

Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
43	27	53	48	95	113

Chennai

Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
41	33	37	38	37	41

Kattupalli

Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
48	42	50	54	46	40

Tuticorin

Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
39	21	15	21	23	24

Terminals

CCTL

| 37 | 35 | 38 | 41 | 40 | 43 |

CITPL

| 45 | 32 | 36 | 36 | 35 | 39 |

DBGT

| 13 | 18 | 15 | 21 | 23 | 24 |

PSA-Sical
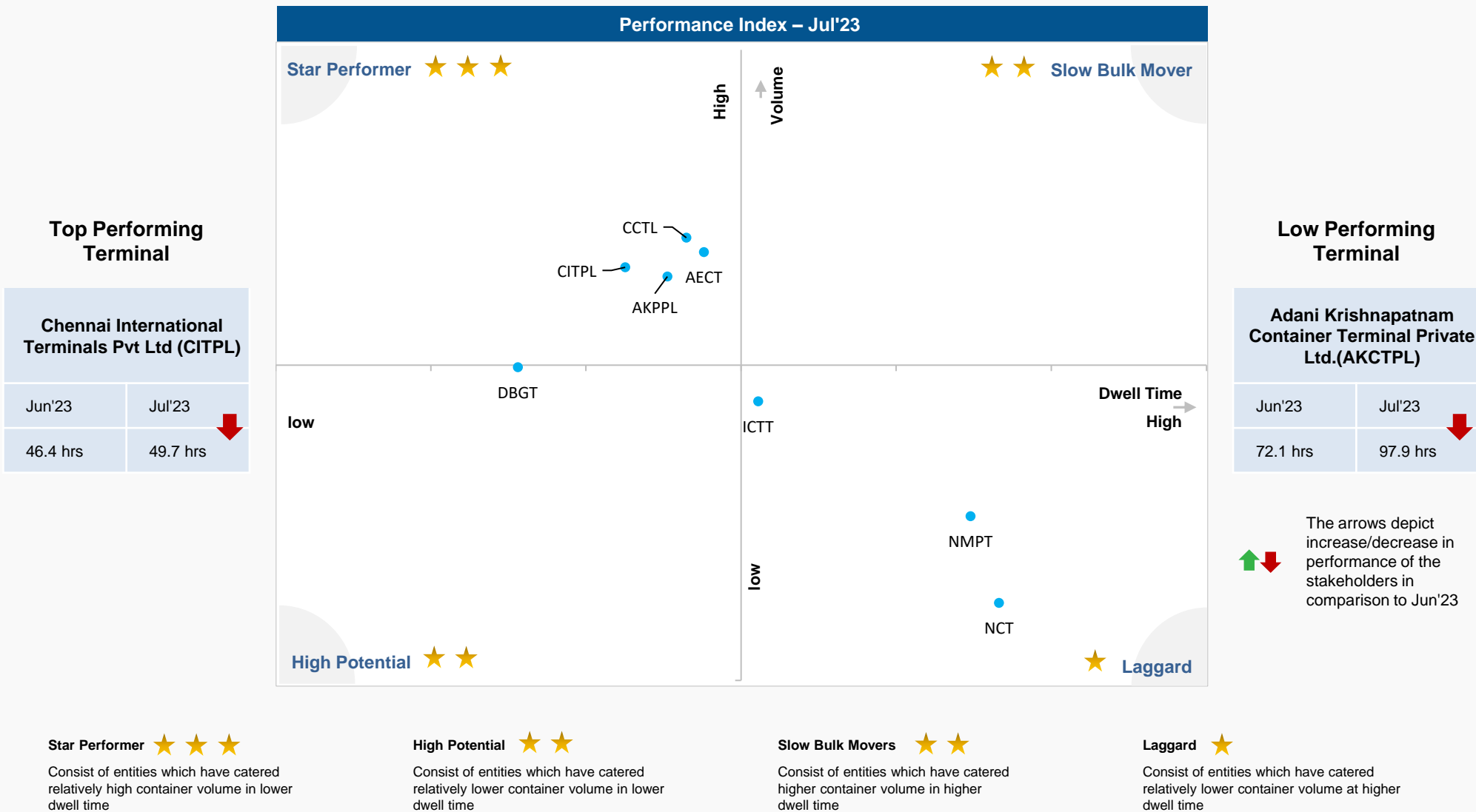
| 54 | 48 | 0 | 0 | 0 | 0 |
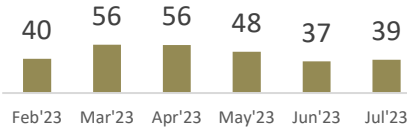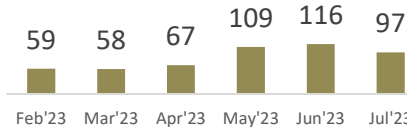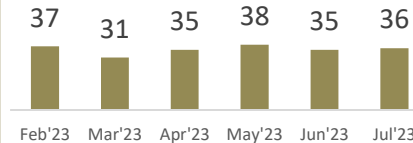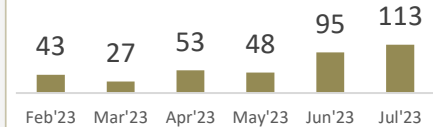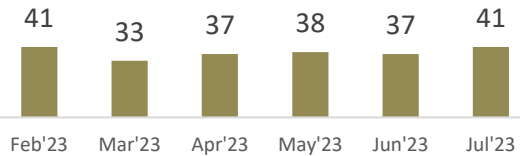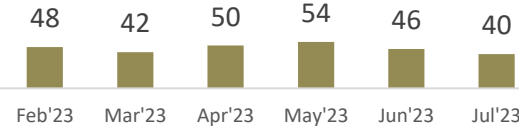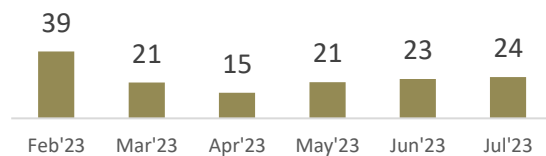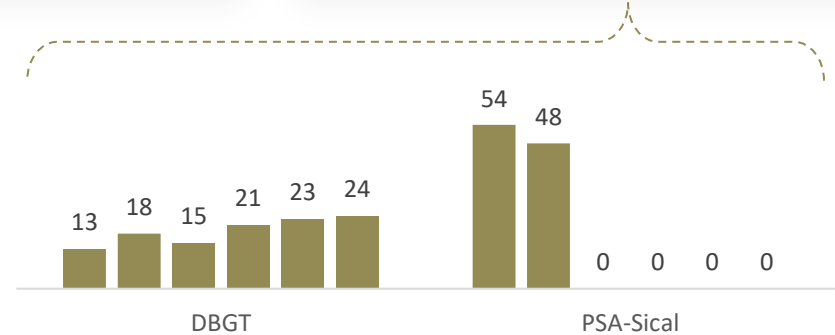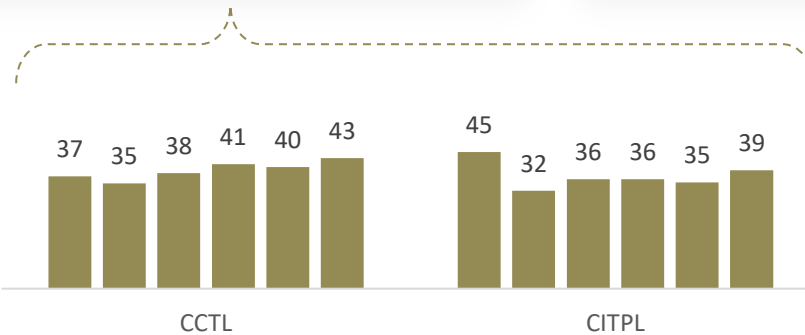
Note: PSA Sical has no volume in May'23, Jun'23 and Jul'23 month.

Export Cycle Dwell Time Performance: **Southern Region**
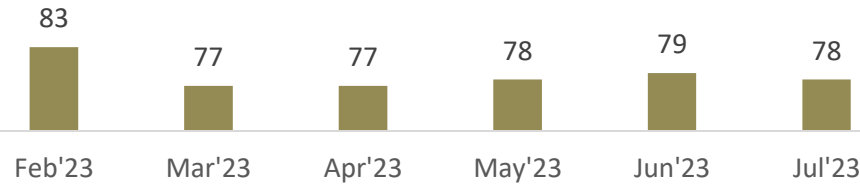
EXPORT

Southern Region

	Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
	83	77	77	78	79	78

PAN India Average

82.4 Hrs.

(Jul'23)

Ports

Kochi
Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
74	69	84	80	72	93

New Mangalore
Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
85	81	93	74	74	94

Ennore
Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
98	97	104	87	97	92

Krishnapatnam
Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
54	59	46	61	52	117

Chennai
Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
84	83	82	84	91	78

Kattupalli
Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
82	89	82	97	95	74

Tuticorin
Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
74	56	49	53	48	49
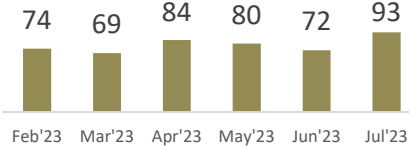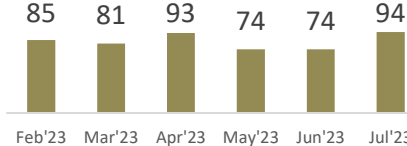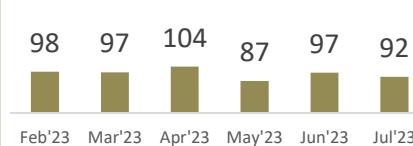
Terminals
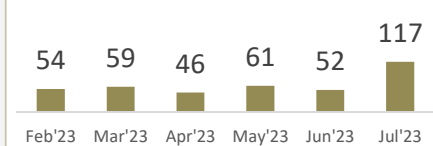
CCTL
72	82	80	92	92	81
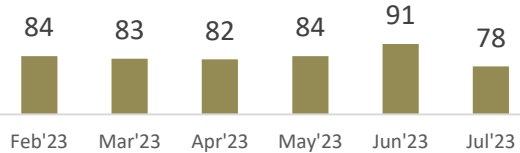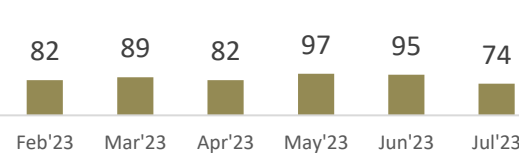
CITPL
95	83	84	76	89	76
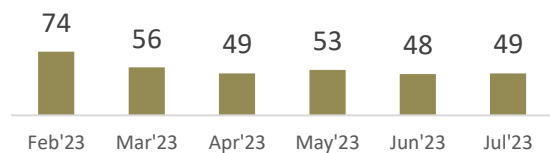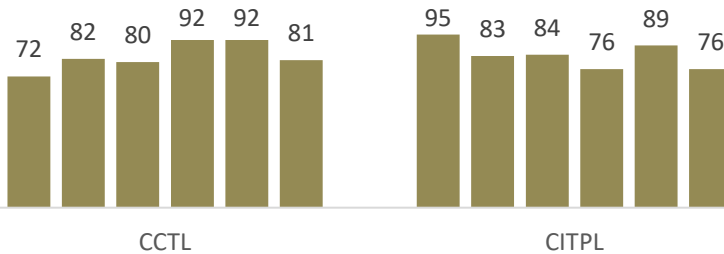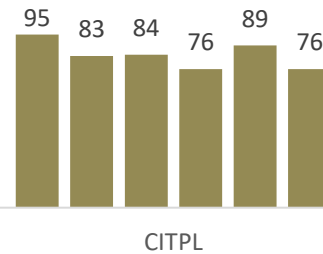
DBGT
51	51	49	53	48	49
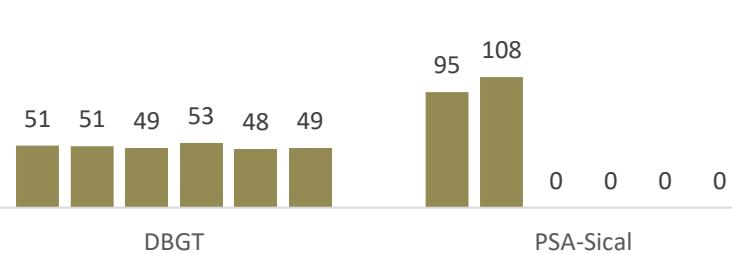
PSA-Sical
95	108	0	0	0	0

Note: PSA Sical has no volume in May'23, Jun'23 and Jul'23 month.

Container Count: **Southern Region**

Below graphs depicts the change in container count during the month of Jul'23 w.r.t the last month i.e. Jun'23.

Southern Region

Last 1 Year Average	Last 1 Year Average
94,193	**88,677**

IMPORT

Jun'23 — 89,871
Jul'23 — 92,674
3%

EXPORT

Jun'23 — 89,991
Jul'23 — 91,384
2%

Import Volume

- Jun'23
- Jul'23

	Train	Truck
Jun'23	2%	98%
Jul'23	11%	89%

Export Volume

- Jun'23
- Jul'23

	Train	Truck
Jun'23	1%	99%
Jul'23	8%	92%

Container Transportation: **Southern Region**
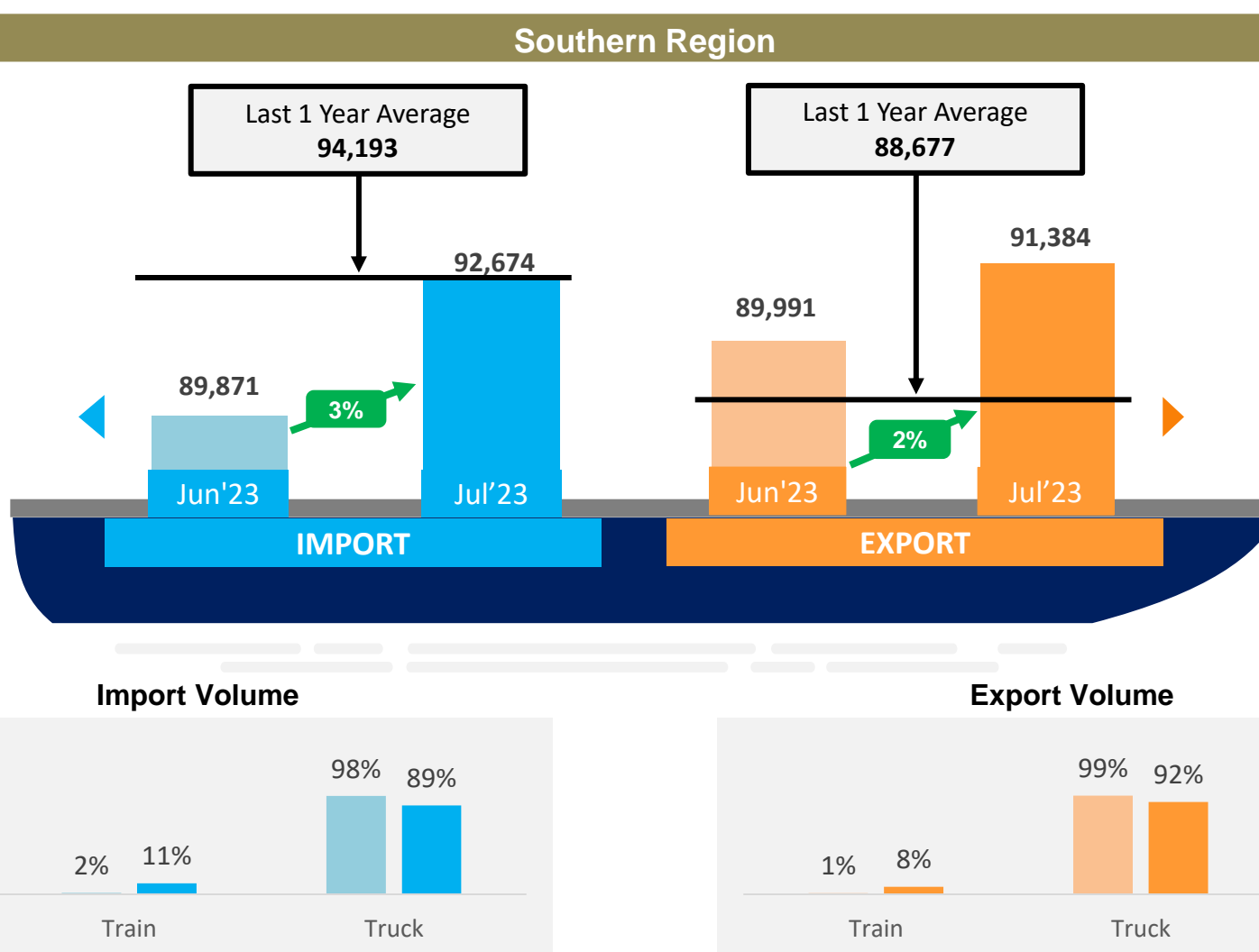
Container Lifecycle (Import Cycle)

Port Dwell Time – Import Cycle

IMPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)	
Train	23.6	40.4	🔴
Truck	36.7	38.3	🔴
Overall	**37.3**	**39.3**	🔴

CFS Dwell Time

CFS

	Jun'23 (in hrs)	Jul'23 (in hrs)	
CFS	101.3	105.7	🔴

Port Dwell Time – Export Cycle

EXPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)	
Train	109.9	67.8	🟢
Truck	79.5	79.2	🟢
Overall	**78.8**	**78.2**	🟢

🟢 The marked entries showcase increase in performance in comparison to Jun'23

🔴 The marked entries showcase decrease in performance in comparison to Jun'23

Container Lifecycle (Export Cycle)

Performance Index – Jul'23

Star Performer ⭐⭐⭐

⭐⭐ Slow Bulk Mover

High ↑ Volume

CCTL
CITPL
AECT
AKPPL

DBGT

low

Dwell Time
High

ICTT

low

NMPT

NCT

High Potential ⭐⭐

⭐ Laggard

Top Performing Terminal

Chennai International Terminals Pvt Ltd (CITPL)		
Jun'23	Jul'23	🔻
46.4 hrs	49.7 hrs	

Low Performing Terminal

Adani Krishnapatnam Container Terminal Private Ltd.(AKCTPL)		
Jun'23	Jul'23	🔻
72.1 hrs	97.9 hrs	

🔼🔻 The arrows depict increase/decrease in performance of the stakeholders in comparison to Jun'23

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

Performance Index – Jul'23

Star Performer ★ ★ ★

Slow Bulk Mover ★ ★

Sical CFS, Chennai Tiruvallur Tamil Nadu

High Potential ★ ★

Laggard ★

Top Performing CFS

Sical CFS, Chennai Tiruvallur Tamil Nadu	
Jun'23	Jul'23
72.6 hrs	81.3 hrs

Low Performing CFS

Sical Multimodal and Rail Transport Ltd. - CFS Division	
Jun'23	Jul'23
178.5 hrs	214.3 hrs

The arrows depict increase/decrease in performance of the stakeholders in comparison to Jun'23

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 Transportation: **Chennai Port**

Container Lifecycle (Import Cycle)

Port Dwell Time – Import Cycle

IMPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)	
Train	26.2	42.8	🔻
Truck	37.5	40.7	🔻
Overall	**37.2**	**41.2**	🔻

Transit Time – Import Cycle

IMPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)	
Port to CFS	2.76	2.75	🟢

CFS Dwell Time

CFS

	Jun'23 (in hrs)	Jul'23 (in hrs)	
CFS	93.6	94.8	🔻

Port Dwell Time – Export Cycle

EXPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)	
Train	108.8	64.0	🟢
Truck	90.9	82.7	🟢
Overall	**91.0**	**78.5**	🟢

Transit Time – Export Cycle

IMPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)	
CFS to Port	5.25	8.42	🔻

🟢 The marked entries showcase increase in performance in comparison to Jun'23

🔻 The marked entries showcase decrease in performance in comparison to Jun'23

Container Lifecycle (Export Cycle)

Container Transportation: **Kochi Port**

Container Lifecycle (Import Cycle)

Port Dwell Time – Import Cycle

IMPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)	
Overall	36.9	39.2	🔻

Transit Time – Import Cycle

IMPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)	
Port to CFS	0.12	0.11	🟢⬆

CFS Dwell Time

CFS

	Jun'23 (in hrs)	Jul'23 (in hrs)	
CFS	96.4	102.3	🔻

Port Dwell Time – Export Cycle

EXPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)	
Overall	72.2	93.4	🔻

Transit Time – Export Cycle

IMPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)	
CFS to Port	0.85	1.07	🔻

🟢⬆ The marked entries showcase increase in performance in comparison to Jun'23

🔻 The marked entries showcase decrease in performance in comparison to Jun'23

Container Lifecycle (Export Cycle)

Container Transportation: **Kattupalli Port**

Container Lifecycle (Import Cycle)

Port Dwell Time – Import Cycle

IMPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)	
Overall	45.5	39.6	⬆

Transit Time – Import Cycle

IMPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)	
Port to CFS	2.47	2.34	⬆

CFS Dwell Time

CFS

	Jun'23 (in hrs)	Jul'23 (in hrs)	
CFS	93.6	94.8	⬇

Port Dwell Time – Export Cycle

EXPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)	
Overall	94.7	74.0	⬆

Transit Time – Export Cycle

IMPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)	
CFS to Port	3.00	2.45	⬆

⬆ The marked entries showcase increase in performance in comparison to Jun'23

⬇ The marked entries showcase decrease in performance in comparison to Jun'23

Container Lifecycle (Export Cycle)

Container Transportation: **Tuticorin Port**

Container Lifecycle (Import Cycle)

Port Dwell Time – Import Cycle

IMPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)
PSA Sical	-	-
DBGT	23.3	23.7
Overall	**23.3**	**23.7**

Transit Time – Import Cycle

IMPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)
Port to CFS	1.66	1.76

CFS Dwell Time

CFS

	Jun'23 (in hrs)	Jul'23 (in hrs)
CFS	134.6	157.9

Port Dwell Time – Export Cycle

EXPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)
PSA Sical	-	-
DBGT	47.8	48.7
Overall	**47.8**	**48.7**

Transit Time – Export Cycle

IMPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)
CFS to Port	1.57	1.39

⬆ The marked entries showcase increase in performance in comparison to Jun'23

⬇ The marked entries showcase decrease in performance in comparison to Jun'23

Container Lifecycle (Export Cycle)

Note: PSA Sical has no volume in Jun'23 and Jul'23 month.

Container Transportation: **Krishnapatnam Port**

Container Lifecycle (Import Cycle)

Port Dwell Time – Import Cycle

IMPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)	
Overall	**94.8**	**113.0**	🔻

CFS Dwell Time

CFS

	Jun'23 (in hrs)	Jul'23 (in hrs)	
CFS	139.7	132.6	🔺

Port Dwell Time – Export Cycle

EXPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)	
Overall	**51.7**	**117.3**	🔻

🔺 The marked entries showcase increase in performance in comparison to Jun'23

🔻 The marked entries showcase decrease in performance in comparison to Jun'23

Container Lifecycle (Export Cycle)

Container Transportation: **Ennore Port**

Container Lifecycle (Import Cycle)

Port Dwell Time – Import Cycle

IMPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)	
Train	18.8	16.5	⬆
Truck	36.0	37.2	⬇
Overall	**35.5**	**36.3**	⬇

CFS Dwell Time

CFS

	Jun'23 (in hrs)	Jul'23 (in hrs)	
CFS	93.6	94.8	⬇

Port Dwell Time – Export Cycle

EXPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)	
Train	113.2	96.5	⬆
Truck	97.1	91.8	⬆
Overall	**97.3**	**92.0**	⬆

⬆ The marked entries showcase increase in performance in comparison to Jun'23

⬇ The marked entries showcase decrease in performance in comparison to Jun'23

Container Lifecycle (Export Cycle)

Container Transportation: **New Mangalore Port**

Container Lifecycle (Import Cycle)

Port Dwell Time – Import Cycle

	Jun'23 (in hrs)	Jul'23 (in hrs)	
IMPORT			
Overall	**115.6**	**97.1**	⬆

	Jun'23 (in hrs)	Jul'23 (in hrs)	
EXPORT			
Overall	**73.8**	**93.7**	⬇

Port Dwell Time – Export Cycle

Container Lifecycle (Export Cycle)

⬆ The marked entries showcase increase in performance in comparison to Jun'23

⬇ The marked entries showcase decrease in performance in comparison to Jun'23

NLDS
NICDC LOGISTICS DATA SERVICES LTD
Logistics Redefined

04

EASTERN REGION PERFORMANCE

Import/ Export Cycle Dwell Time Performance: **Eastern Region**

Eastern Region

IMPORT

Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
47	43	48	53	51	56
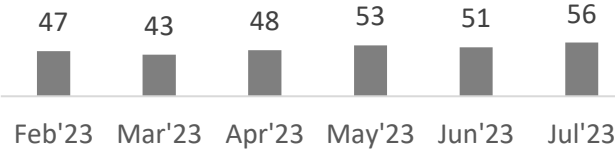
PAN India Average (Jul'23)

37.1 Hrs.

EXPORT

Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
100	96	96	82	119	103
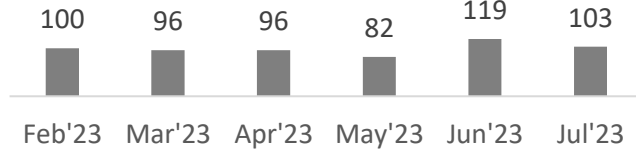
PAN India Average (Jul'23)

82.4 Hrs.

IMPORT — Ports

Kolkata

Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
31	29	34	35	29	37

Vishakhapatnam

Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
64	49	62	70	85	77

Haldia

Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
111	75	64	89	66	69

EXPORT — Ports

Kolkata

Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
124	133	113	112	158	140

Vishakhapatnam

Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
84	77	80	66	89	88

Haldia

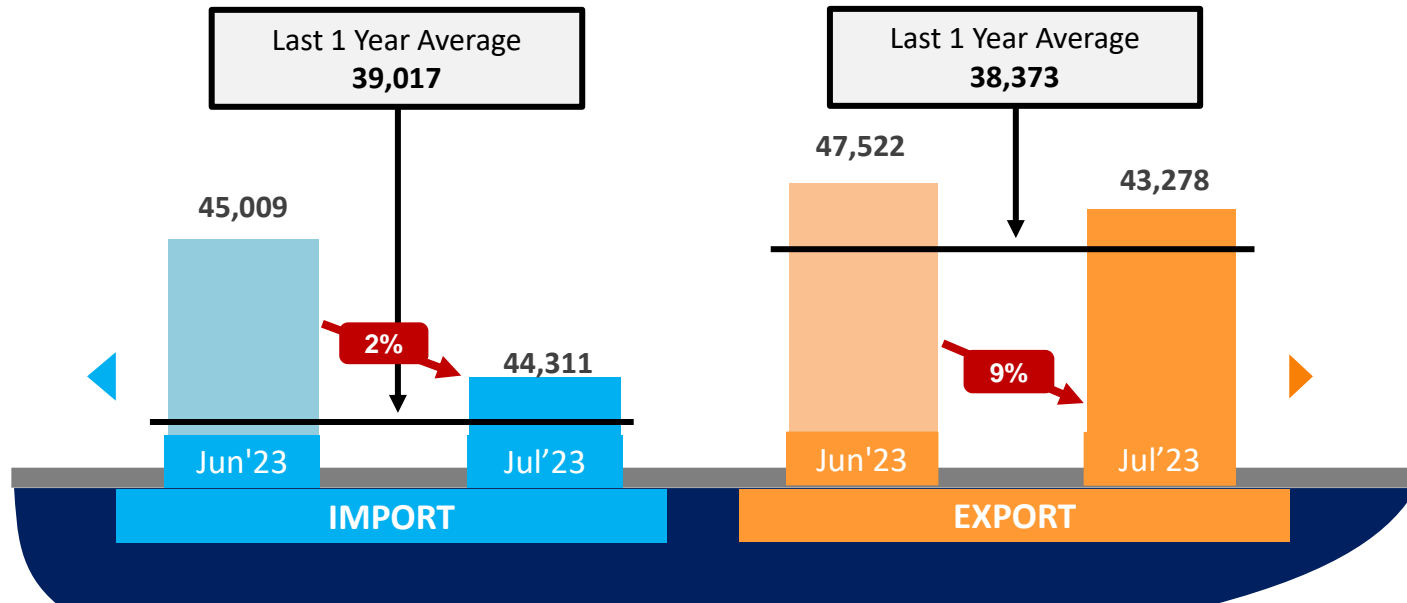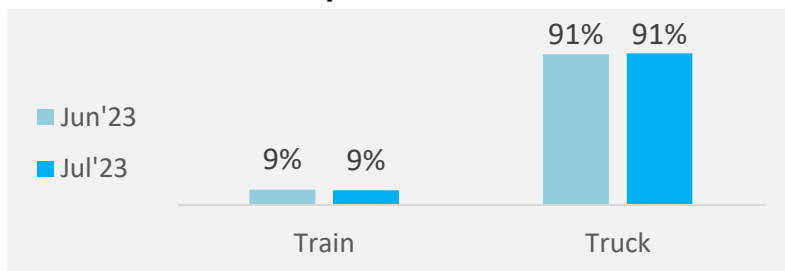| Feb'23	Mar'23	Apr'23	May'23	Jun'23	Jul'23
96	100	149	97	144	72
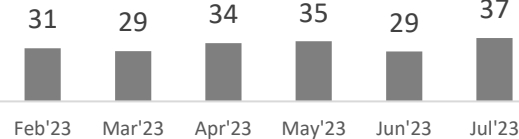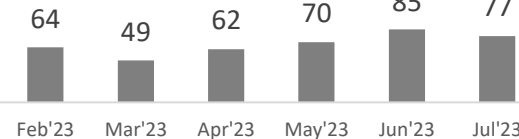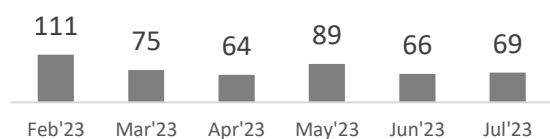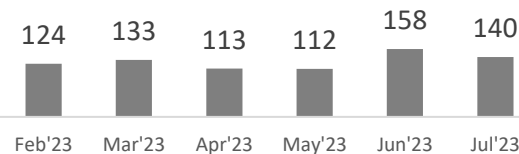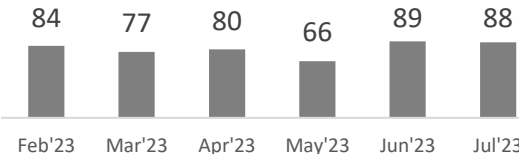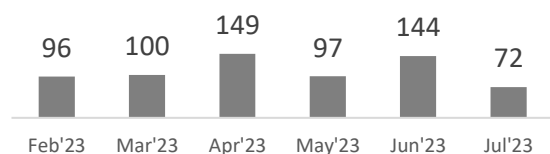
Container Count: **Eastern Region**

Below graphs depicts the change in container count during the month of Jul'23 w.r.t the last month i.e. Jun'23.
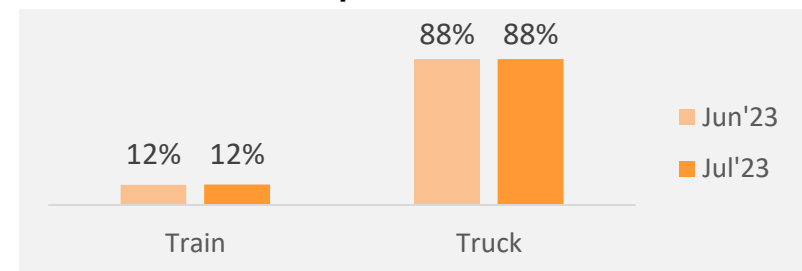
E **Eastern Region**

Last 1 Year Average **39,017**		Last 1 Year Average **38,373**

45,009

2%

44,311

Jun'23	Jul'23

IMPORT

47,522

43,278

9%

Jun'23	Jul'23

EXPORT

Import Volume

91%   91%

9%   9%

- Jun'23
- Jul'23

Train	Truck

Export Volume

88%   88%

12%   12%

- Jun'23
- Jul'23

Train	Truck

Container Transportation: **Eastern Region**

Container Lifecycle (Import Cycle)

Port Dwell Time – Import Cycle

IMPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)	
Train	233.7	173.8	⬆
Truck	45.1	51.6	⬇
Overall	**50.8**	**56.1**	⬇

CFS Dwell Time

CFS

	Jun'23 (in hrs)	Jul'23 (in hrs)	
CFS	142.8	139.5	⬆

Port Dwell Time – Export Cycle

EXPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)	
Train	136.5	95.5	⬆
Truck	115.3	103.7	⬆
Overall	**118.6**	**102.7**	⬆

⬆ The marked entries showcase increase in performance in comparison to Jun'23

⬇ The marked entries showcase decrease in performance in comparison to Jun'23

Container Lifecycle (Export Cycle)

Port Performance Benchmarking: **Eastern Region**

Performance Index – Jul'23

Star Performer ★ ★ ★

Slow Bulk Mover ★ ★

Volume — High

• VCTPL

• KDS

low

Dwell Time
High

low
• HICT

High Potential ★ ★

★ **Laggard**

Top Performing Terminal

Kolkata Dock System (KDS), Kolkata Port	
Jun'23	Jul'23
67.9 hrs	66.0 hrs

↑ (green)

Low Performing Terminal

Haldia International Container Terminal (HICT)	
Jun'23	Jul'23
96.0 hrs	72.0 hrs

↑ (green)

The arrows depict increase/decrease in performance of the stakeholders in comparison to Jun'23

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**

Performance Index – Jul'23

Star Performer ★ ★ ★

★ ★ Slow Bulk Mover

Century Plyboards CFS, JJP

Volume

High

low

Dwell Time High

Century Plyboards CFS, JJP → 1

2

3

4

7

8

14

9

10

5 6

11

VPL Integral CFS

low

High Potential ★ ★

★ Laggard

Top Performing CFS

Century Plyboards CFS, JJP	
Jun'23	Jul'23
135.4 hrs	130.4 hrs

Low Performing CFS

VPL Integral CFS	
Jun'23	Jul'23
164.5 hrs	182.8 hrs

The arrows depict increase/decrease in performance of the stakeholders in comparison to Jun'23

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 Transportation: **Visakhapatnam Port**

Container Lifecycle (Import Cycle)

Port Dwell Time – Import Cycle
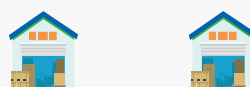
IMPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)	
Overall	84.9	76.6	⬆

Transit Time – Import Cycle

IMPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)	
Port to CFS	2.37	2.09	⬆

CFS Dwell Time

CFS

	Jun'23 (in hrs)	Jul'23 (in hrs)	
CFS	162.3	153.3	⬆

Port Dwell Time – Export Cycle

EXPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)	
Overall	88.5	88.0	⬆

Transit Time – Export Cycle

IMPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)	
CFS to Port	2.28	2.41	⬇

⬆ The marked entries showcase increase in performance in comparison to Jun'23

⬇ The marked entries showcase decrease in performance in comparison to Jun'23

Container Lifecycle (Export Cycle)

Container Transportation: **Kolkata Port**

Container Lifecycle (Import Cycle)

Port Dwell Time – Import Cycle

IMPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)
Overall	28.9	37.0 🔻

Transit Time – Import Cycle

IMPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)
Port to CFS	1.17	1.16 🟢

CFS Dwell Time

CFS

	Jun'23 (in hrs)	Jul'23 (in hrs)
CFS	130.4	131.9 🔻

Port Dwell Time – Export Cycle

EXPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)
Overall	157.6	139.9 🟢

Transit Time – Export Cycle

IMPORT

	Jun'23 (in hrs)	Jul'23 (in hrs)
CFS to Port	0.88	1.18 🔻

🟢 The marked entries showcase increase in performance in comparison to Jun'23

🔻 The marked entries showcase decrease in performance in comparison to Jun'23

Container Lifecycle (Export Cycle)

Container Transportation: **Haldia Port**

Container Lifecycle (Import Cycle)

IMPORT

Port Dwell Time – Import Cycle

	Jun'23 (in hrs)	Jul'23 (in hrs)	
Overall	65.7	68.7	🔻

Transit Time – Import Cycle

IMPORT	Jun'23 (in hrs)	Jul'23 (in hrs)	
Port to CFS	2.94	3.71	🔻

CFS Dwell Time

CFS	Jun'23 (in hrs)	Jul'23 (in hrs)	
CFS	137.7	109.9	🟢

EXPORT

Port Dwell Time – Export Cycle

	Jun'23 (in hrs)	Jul'23 (in hrs)	
Overall	144.0	72.0	🟢

Transit Time – Export Cycle

IMPORT	Jun'23 (in hrs)	Jul'23 (in hrs)	
CFS to Port	2.71	-	

🟢 The marked entries showcase increase in performance in comparison to Jun'23

🔻 The marked entries showcase decrease in performance in comparison to Jun'23
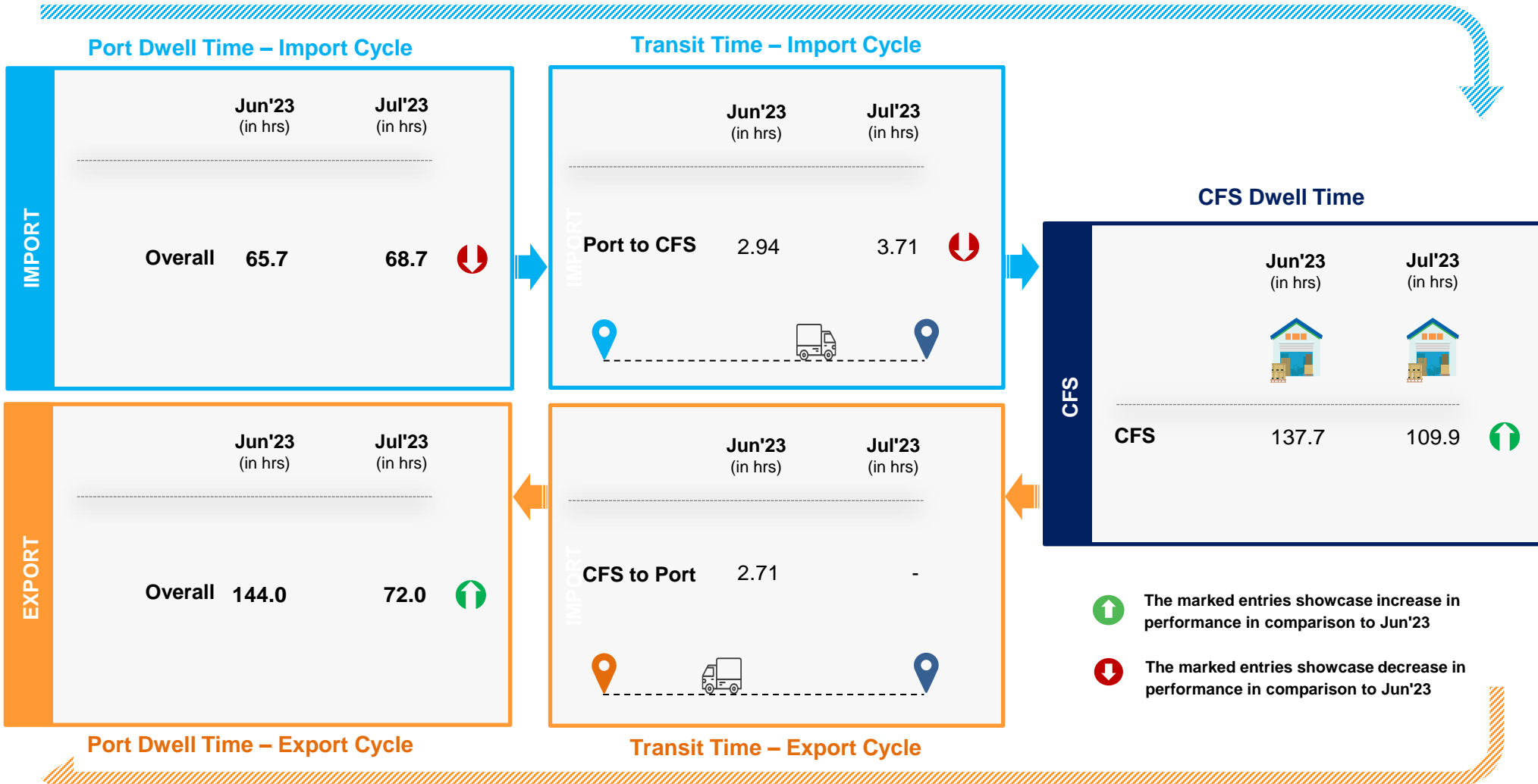
Container Lifecycle (Export Cycle)

Note: Haldia CFS to Port transit data has issues in Jul'23 month.

05

CONGESTION ANALYSIS

Congestion Analysis: **JNPA Region**

Import Cycle

Export Cycle

Serial	Cluster Name	Status
Cluster 1	JNPA area	Bottleneck
Cluster 2	Bhendkhal area, khopate road	-
Cluster 3	Sonari area, JNPA road	-
Cluster 4	Chirle area, JNPA road	-
Cluster 5	Plaspa area, coach kanyakumari highway	-
Cluster 6	Salva apta rd area, bangalore highway	-
Cluster 7	Patilpada area, khopate JNPA road	-
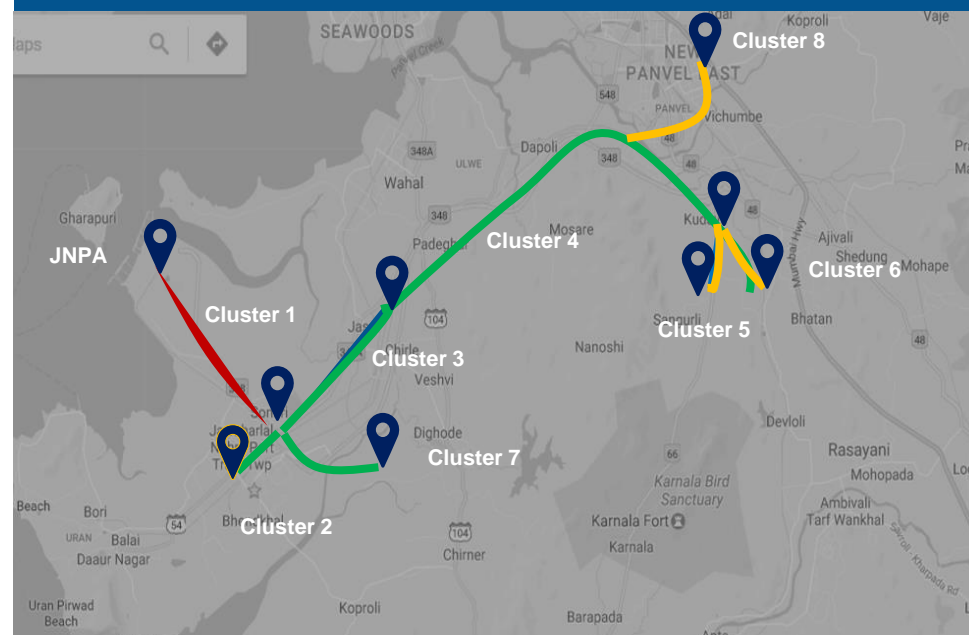
Serial	Cluster Name	Status
Cluster 1	JNPA area	Bottleneck
Cluster 2	Bhendkhal area, khopate road	-
Cluster 3	Sonari area, JNPA road	-
Cluster 4	Chirle area, JNPA road	-
Cluster 5	Plaspa area, coach kanyakumari highway	-
Cluster 6	Salva apta rd area, bangalore highway	-
Cluster 7	Patilpada area, khopate JNPA road	-

Legends   ▬ High Congestion   ▬ Medium Congestion   ▬ Low Congestion   📍 Location Point

Congestion Analysis: **Mundra Region**

Import Cycle

Serial	Cluster Name	Status
Cluster 1	APSEZ Area	-
Cluster 2	Hind circle	-
Cluster 3	Motakapaya	-

Export Cycle
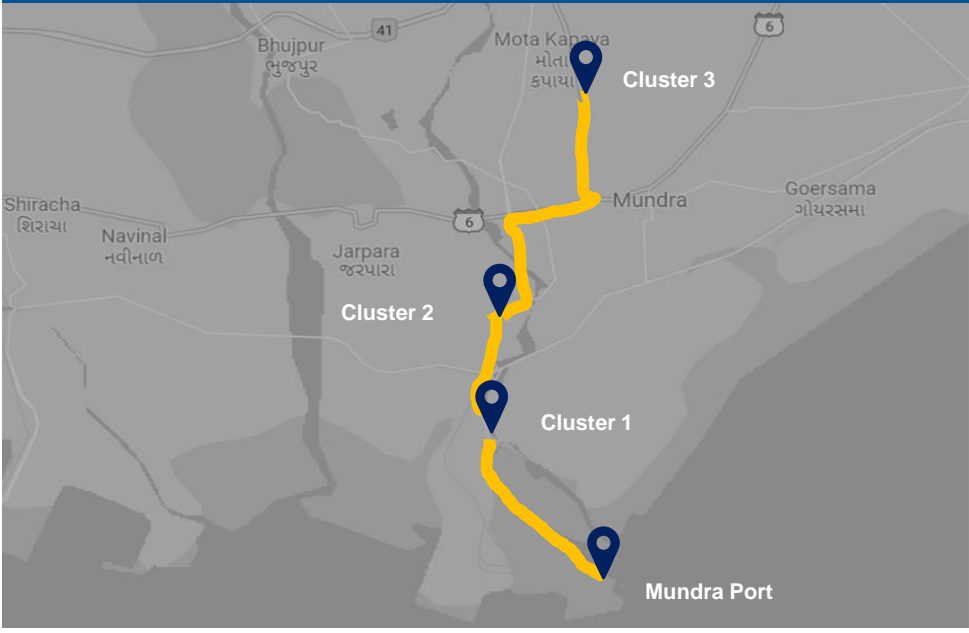
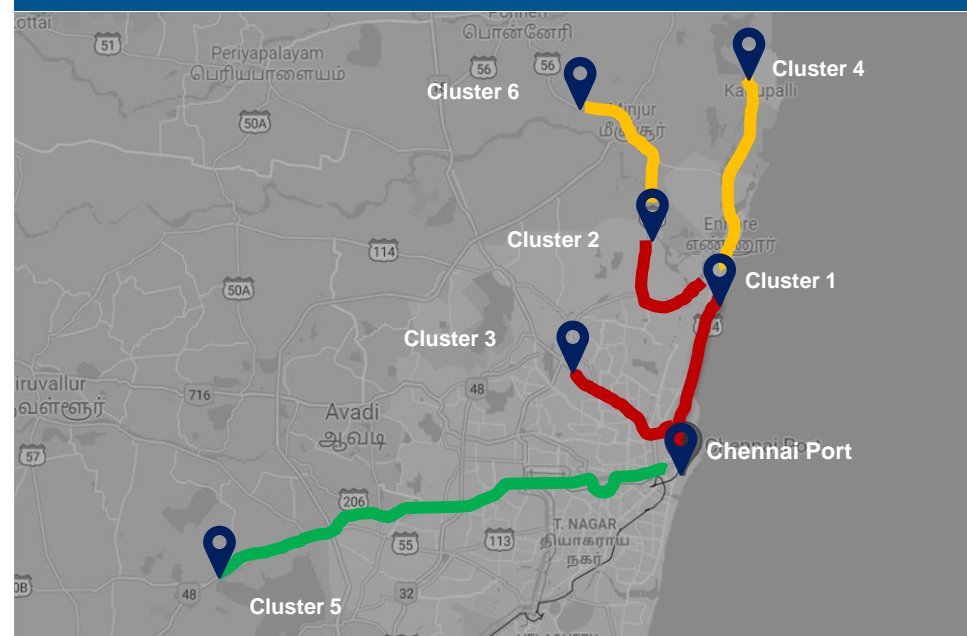| Serial	Cluster Name	Status
Cluster 1	APSEZ Area	-
Cluster 2	Hind circle	-
Cluster 3	Motakapaya	-

Legends ■ High Congestion ■ Medium Congestion ■ Low Congestion 📍 Location Point

Congestion Analysis: **Chennai Region**

Import Cycle
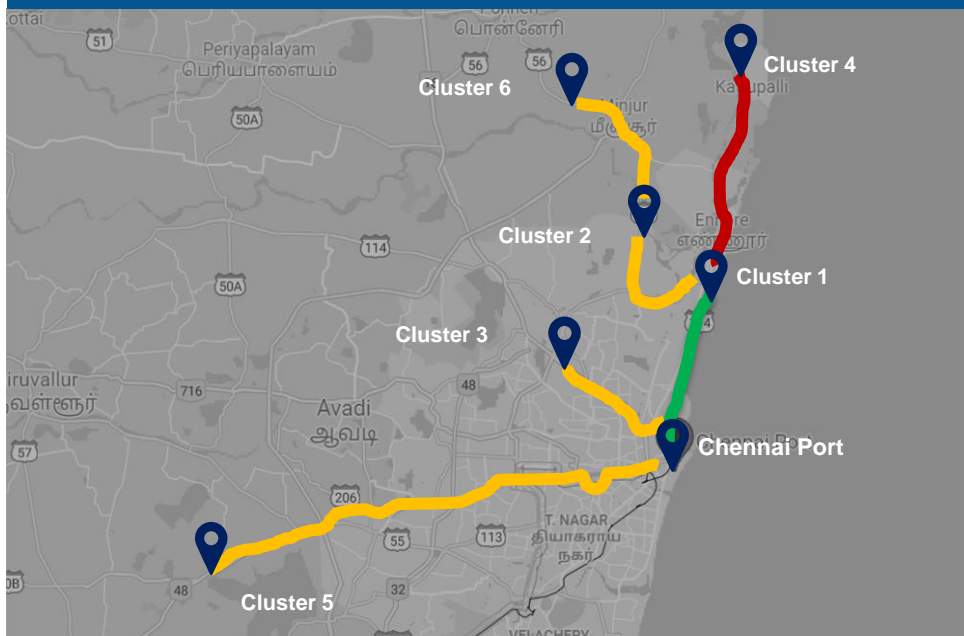
Serial	Cluster Name	Status
Cluster 1	Chennai port bound area	-
Cluster 2	Ennore port bound area	-
Cluster 3	Chennai central area	-
Cluster 4	Kattupalli port bound area	Bottleneck
Cluster 5	Chennai automotive industry area (Irungatukottai)	-
Cluster 6	Thiruvallur Outer city bound area	-

Export Cycle

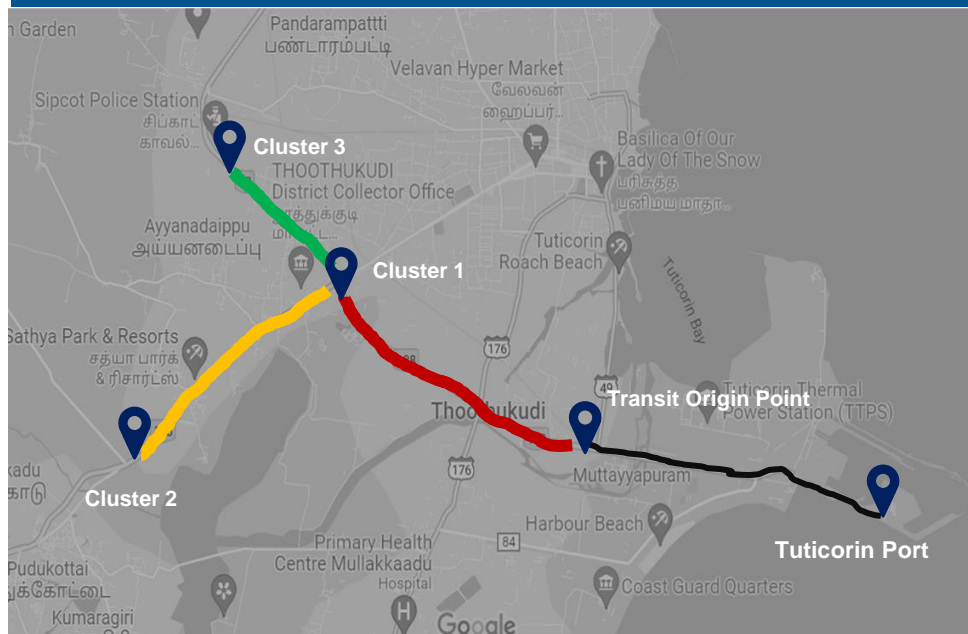| Serial	Cluster Name	Status
Cluster 1	Chennai port bound area	Bottleneck
Cluster 2	Ennore port bound area	Bottleneck
Cluster 3	Chennai central area	Bottleneck
Cluster 4	Kattupalli port bound area	-
Cluster 5	Chennai automotive industry area (Irungatukottai)	-
Cluster 6	Thiruvallur Outer city bound area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

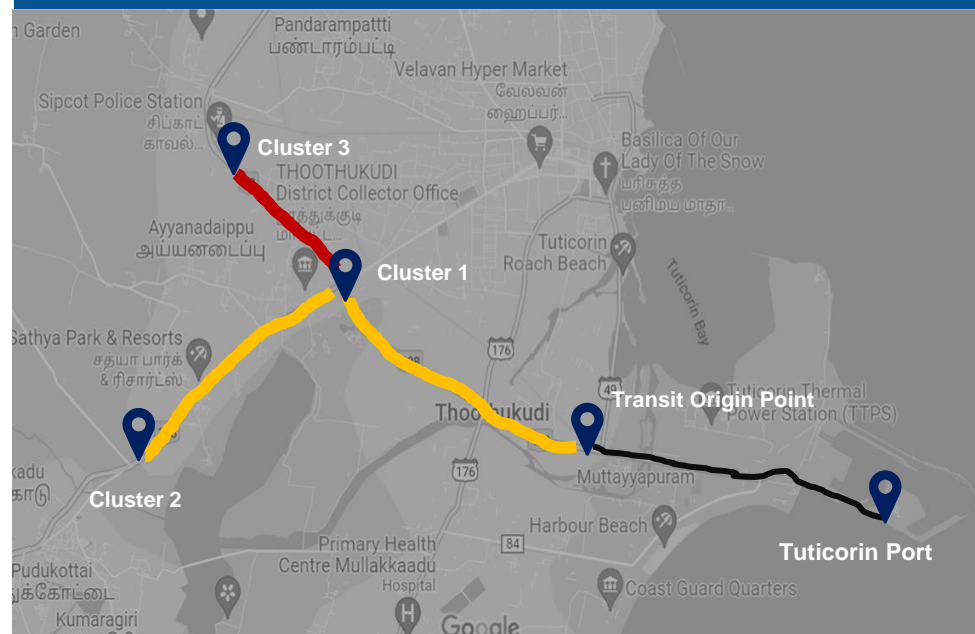**Legends**   ▬ High Congestion   ▬ Medium Congestion   ▬ Low Congestion   📍 Location Point

Congestion Analysis: **Tuticorin Region**

Import Cycle

Serial	Cluster Name	Status
Cluster 1	Periyanayagapuram, Thoothukudi, Madurai Road	Bottleneck
Cluster 2	Tirunelveli road near by Podukottai	-
Cluster 3	Sipcot area near by Madurai road	-

Export Cycle

Serial	Cluster Name	Status
Cluster 1	Periyanayagapuram, Thoothukudi, Madurai Road	-
Cluster 2	Tirunelveli road near by Podukottai	-
Cluster 3	Sipcot area near by Madurai road	Bottleneck

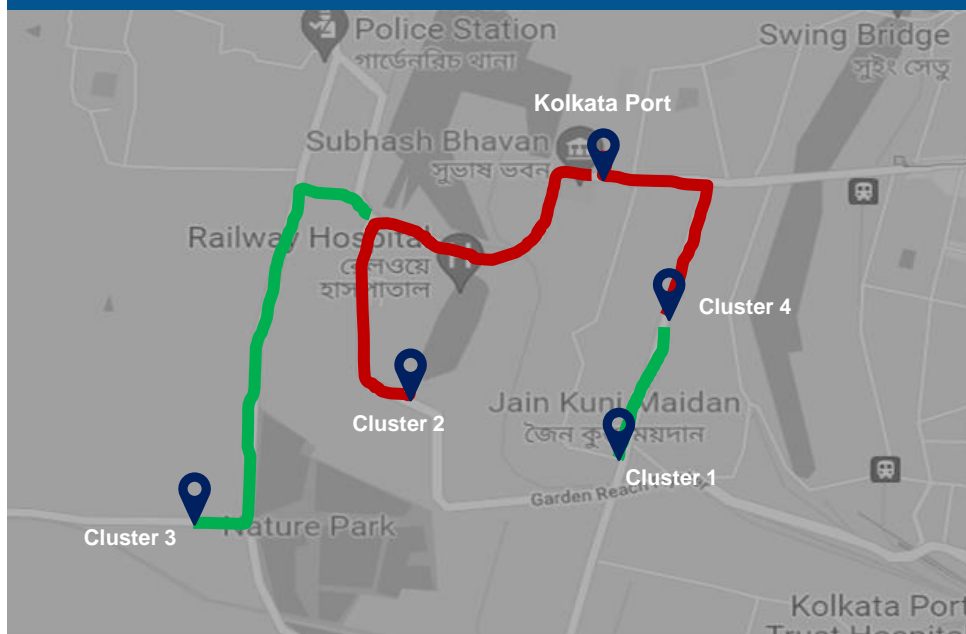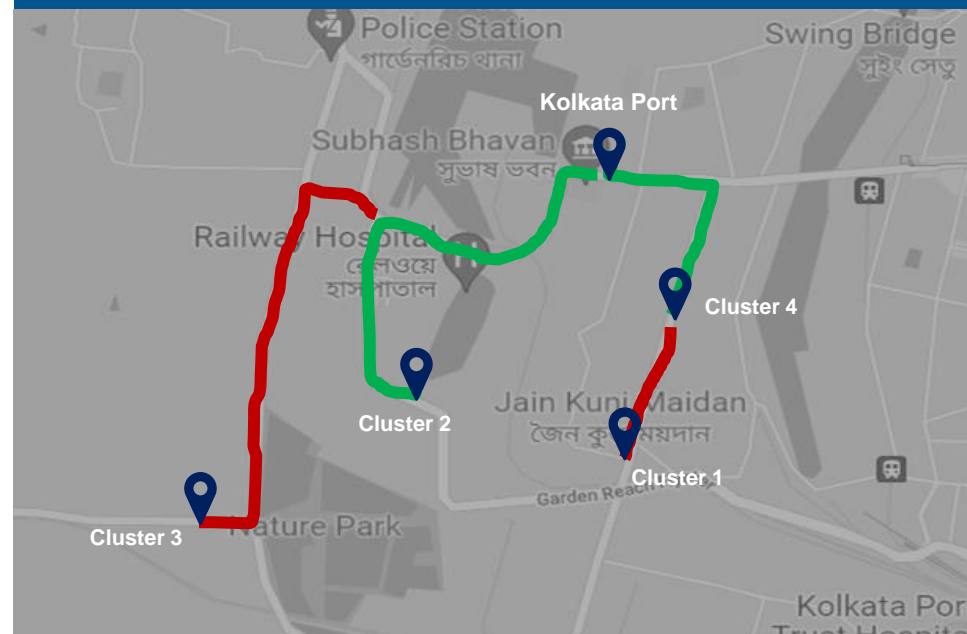**Legends** ▬ High Congestion ▬ Medium Congestion ▬ Low Congestion 📍 Location Point

Congestion Analysis: **Kolkata Region**

Import Cycle

Export Cycle

Serial	Cluster Name	Status
Cluster 1	Base bridge area	-
Cluster 2	Sonapur road area	Bottleneck
Cluster 3	Nature park area	-
Cluster 4	Babu bazar area	Bottleneck

Serial	Cluster Name	Status
Cluster 1	Base bridge area	Bottleneck
Cluster 2	Sonapur road area	-
Cluster 3	Nature park area	Bottleneck
Cluster 4	Babu bazar area	-

Legends   ▬ High Congestion   ▬ Medium Congestion   ▬ Low Congestion   📍 Location Point

Congestion Analysis: **Haldia Region**
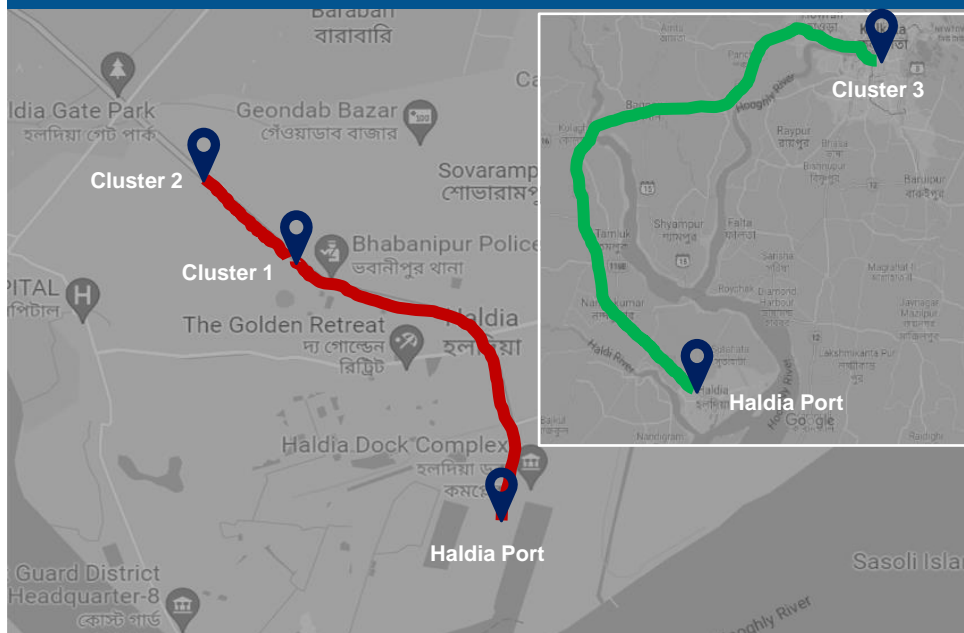
Serial	Cluster Name	Status
Cluster 1	Talpukur area, Kolkata highway	Bottleneck
Cluster 2	City centre area, Kolkata highway	Bottleneck
Cluster 3	Silpodanga area	-
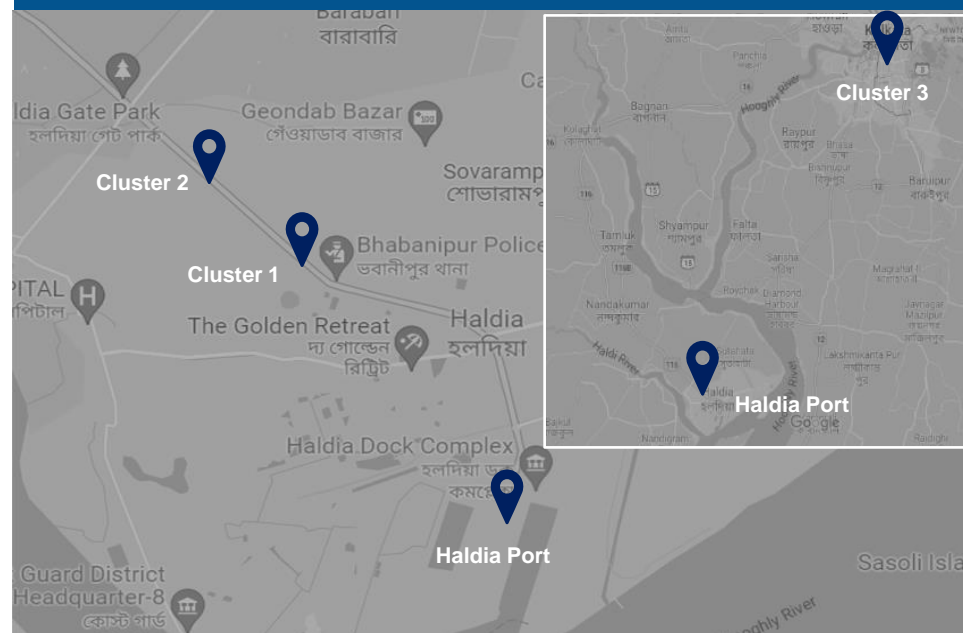
Serial	Cluster Name	Status
Cluster 1	Talpukur area, Kolkata highway	Bottleneck
Cluster 2	City centre area, Kolkata highway	Bottleneck
Cluster 3	Silpodanga area	-

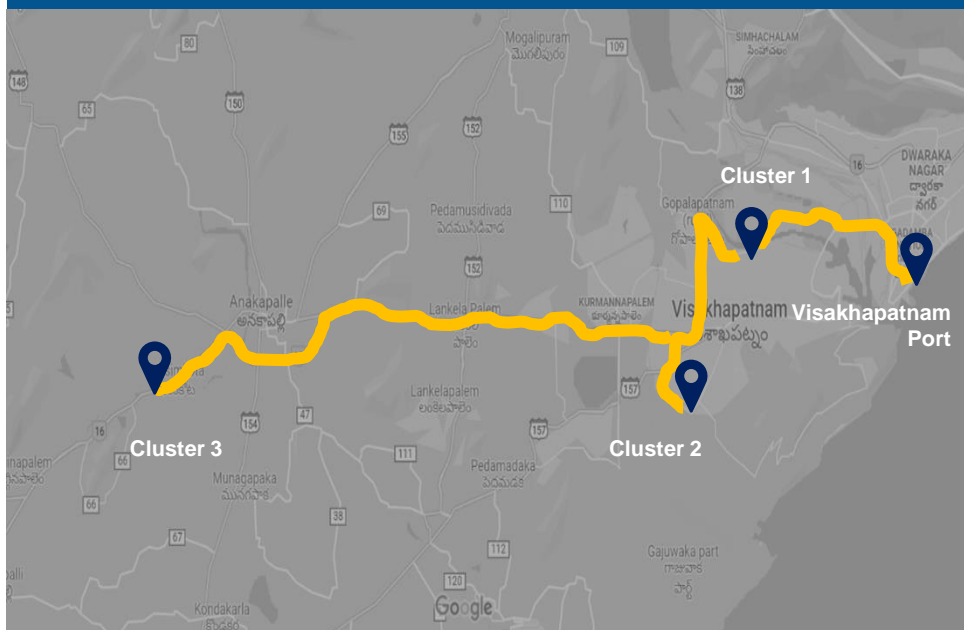**Legends** — High Congestion — Medium Congestion — Low Congestion — Location Point

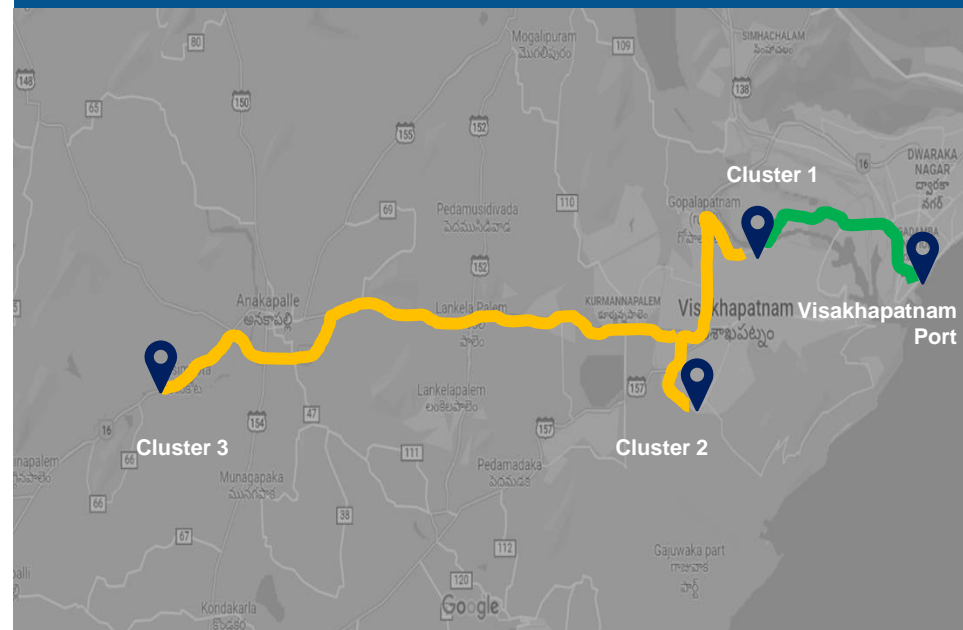**Note:** Haldia CFS to Port transit data has issues in Jul'23 month.

Congestion Analysis: **Visakhapatnam Region**

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

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

Legends ■ High Congestion ■ Medium Congestion ■ Low Congestion 📍 Location Point

06

ANALAYSIS 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

Mode	ICP Raxaul	ICP Jogbani
Overall	108.5 hrs	105.7 hrs
Road	142.9 hrs	105.7 hrs
Rail	95.1 hrs	-

Haldia Port Terminal

Mode	ICP Raxaul	ICP Jogbani
Overall	70.1 hrs	75.1 hrs

*Import Cycle*

Export cycle

Import cycle

Kolkata Region

Haldia Region
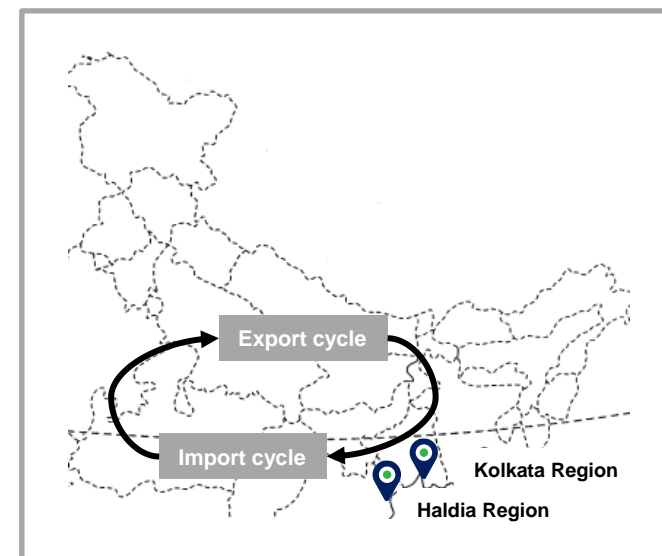
Note: Export data has issues in Jul'23 month thus removed. Also, ICP Jogbani is added in Import cycle.

Western Region Toll Plaza Analysis

Avg. Speed between Toll to Toll Plazas

	Source	Destination	Inter Distance (Km)	May'23 (in km/hrs)	Jun'23 (in km/hrs)	Jul'23 (in km/hrs)
JNPA to Vasad / JNPA to Khedshivpur	JNPA	Khaniwade	94	16.2	13.6	10.9
	Khaniwade	Charoti	50	37.1	37.8	39.4
	Charoti	Boriach	126	22.8	22.9	21.1
	Boriach	Bharthan	142	27.7	31.1	29.9
	Bharthan	Vasad	60	37.2	35.9	36
	JNPA	Khalapur	60	14	2.6	19.6
	Khalalpur	Khedshivpur	105	28.2	31.2	31.8
Mundra to Bhalgam / Mundra to Surajbari	Mundra	Mokha	28	23.9	22.4	21.5
	Mokha	Makhel	150	24.1	24	24
	Makhel	Bhalgam	108	34.7	36.4	36.4
	Mundra	Mokha	28	23.9	22.4	21.5
	Mokha	Surajbari	115	26.8	25.4	25.4

Evacuation Efficiency Analysis

Below Table depicts the average speed taken by a truck to cover the distance between a Port terminal to the nearest Toll Plaza

Mundra

28 Km

21.5 Km/hr

Mokha

JNPA

60 Km

19.6 Km/hr

10.9 Km/hr

94 Km

Khalapur

Khaniwade
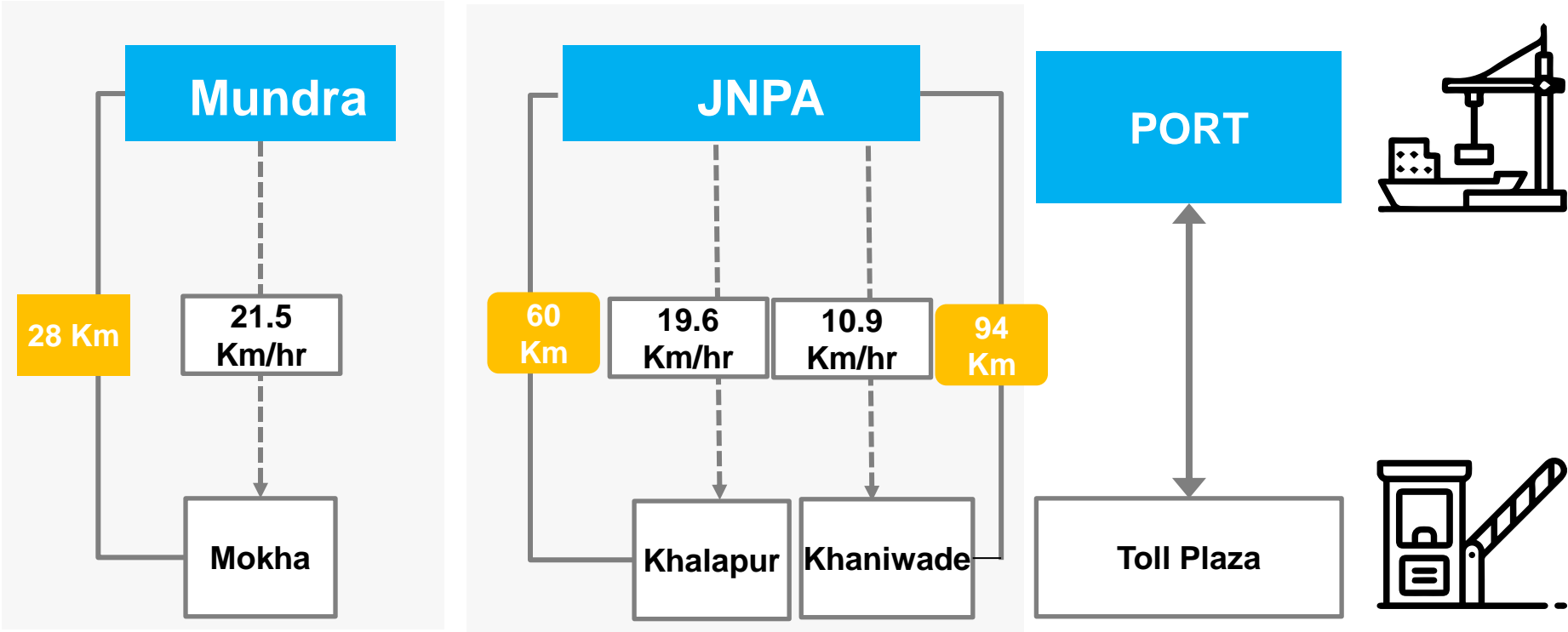
PORT

Toll Plaza

Evacuation Efficiency Analysis: Other Major Ports

Below Table depicts the average speed taken by a truck to cover the distance between a Port terminal to the nearest Toll Plaza

Region	Port	Adjacent Toll plaza	Distance (in KM)	Average Speed (in Km/h)		
				May'23	Jun'23	Jul'23
Western	Hazira	Boriach	77	4.7	4.7	5.0
Eastern	Kolkata	Dankuni	24	3.2	3.4	3.1
	Haldia	Debra	100	5.9	9.4	7.6
		Jaladhulagori	101	10.9	8.4	11.0
Southern	Chennai	Nallur	23	2.2	2.4	2.5
	Kochi	Kumbalam	13	0.6	0.6	0.6
		GIPL Palayekara	71	6.7	6.8	4.9
	New Mangalore	Brahamarakotlu	25	1.4	1.1	1.1
		Talapady	22.5	1.5	2.1	2.2
		Gundmi	68	4.9	6.1	5.2
	Kattupalli	Nallur	33	9.4	7.3	2.7
	Tuticron	VoCPT CheckPost1	4.3	17.6	20.3	22.2

The analysis is based on the container travelling direct from port to toll, i.e. defined by the containers travelling from port to corresponding toll plaza within 2 days.

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)
NCT	Navayuga Container Terminal (NCT)

Terminal Name	Name of the Port
KICT	Kandla International Container Terminal (KICT)
ICTT	International Container Transhipment Terminal, Kochi
NSFT	Nhava Sheva Freeport Terminal (NSFT)
AKPPL	Kattupalli International Container Terminal (KICT)
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	New Mangalore Port Trust Terminal
AECT	Adani Ennore Container Terminal (AECT)

List of CFS name used in CFS Performance Index

#	Name	#	Name
1	Adani CFS Eximyard, Mundra	23	Sarveshwar CFS
2	Saurashtra CFS, Mundra	24	Speedy Multimode CFS, JNPT
3	Gateway Distriparks CFS, Navi Mumbai	25	Ashte Logistics CFS, Panvel
4	CWC Conex Terminal CFS	26	APM (Maersk India) CFS, Navi Mumbai
5	Hind Terminal CFS, Hazira	27	Apollo Logisolutions CFS, Panvel
6	Hind Terminals Pvt. Ltd. CFS, Mundra	28	International Cargo Terminal CFS
7	Seabird CFS, Mundra	29	Mundhra CFS, Mundra
8	Honey Comb CFS, Mundra	30	Rishi CFS, Mundra
9	Punjab Conware CFS, Navi Mumbai	31	Navkar Corporation Yard 2 CFS, Panvel
10	CWC CFS, Mundra	32	TG Terminals CFS
11	EFC Logistics India	33	Seabird CFS, Navi Mumbai
12	Continental Warehousing CFS, Navi Mumbai	34	Landmark CFS, Mundra
13	MICT CFS, Mundra	35	LCL Logistics CFS, Pipavav
14	International Cargo Terminals (ULA) CFS, Navi Mumbai	36	Navkar Corporation Yard 1 CFS, Panvel
15	Ameya Logistics CFS, Navi Mumbai	37	Navkar Corporation Yard 3 CFS, Panvel
16	AllCargo Logistics	38	Maharashtra State Corp CFS
17	Seabird CFS, Hazira	39	Vaishno Logistics CFS, Navi Mumbai
18	Ashutosh CFS, Mundra	40	Take Care Logistics CFS
19	TG Terminals CFS, Mundra	41	CWC Polaris logistics park
20	JWC Logistics Park CFS	42	Kerry Indev Logistics Pvt Ltd CFS
21	Dronagiri Rail Terminal CFS, Navi Mumbai	43	Transworld CFS, Mundra
22	Ocean Gate CFS, Panvel	44	Adani CFS, Hazira

List of ICD name used in ICD Performance Index

#	Name
1	ACTL ICD, Faridabad
2	Adani Logistics Park ICD, Gurgaon
3	Albatross Inland Ports ICD, Dadri
4	Allcargo Logistics Park ICD, Dadri
5	APM Terminals ICD, Dadri
6	CMA CGM Logistics Park, Dadri
7	Gateway Rail Freight ICD, Gurgaon
8	GatewayRail Freight ICD, Pyala
9	Hind Terminals Logistics Park ICD, Palwal
10	Navkar ICD, Tumb
11	Pristine ICD Chawapail , Ludhiana
12	The Thar Dry Port ICD Ahmedabad
13	Continental Warehousing Corporation Nhava Sheva pvt.
14	The Thar Dry Port Jodhpur

List of CFS name used in Southern CFS Performance Index

#	Name	#	Name
1	Sical CFS, Chennai Tiruvallur Tamil Nadu	20	MIV CFS
2	Allcargo Global Logistics CFS, Chennai	21	Vilsons CFS
3	Continental Warehousing Corporation CFS (Nhava Seva), Chennai	22	Chandra CFS, Tiruvallur
4	Sanco Trans CFS, Chennai	23	Sattva Hi-Tech And Conware CFS, Chennai
5	Ennore Cargo Container Terminal CFS, Chennai	24	STP Services CFS, Chennai
6	Gateway Distriparks CFS, Chennai	25	Sudharsan Logistics CFS, Chennai
7	ALS Tuticorin Terminal Private Limited	26	Calyx Container Terminal CFS, Chennai
8	Apm Terminals India CFS, Tiruvallur	27	Kerry Indev Logistics Private Limited / Continental Container Freight Station
9	Adani CFS, Kattupalli Tiruvallur Tamil Nadu	28	Sical Multimodal and Rail Transport Ltd. - CFS Division
10	Continental Warehousing Corporation Nhava Sheva Ltd.	29	St. John Freight Systems Ltd. - ICD Division
11	Kerry Indev Logistics ICD, Kanchipuram	30	Chola Logistics Pvt Ltd
12	Hari CFS	31	Prompt Terminals (P) Ltd
13	Balmer Lawrie CFS, Chennai	32	ICBC CFS Chennai
14	Triway CFS, Chennai	33	Viking Warehousing CFS, Chennai
15	Kailash Shipping Services CFS, Chennai	34	Continental Warehousing Corporation CFS (Nhava Seva), Tiruvallur
16	Raja Agencies CFS	35	A S Shipping Agencies CFS, Tiruvallur
17	Concor CFS, Chennai	36	Hind Terminals CFS, Chennai
18	Sattva Cfs And Logistics CFS, Chennai	37	Diamond CFS Park
19	GDKL CFS		

List of CFS name used in Eastern CFS Performance Index

#	Name
1	Century Plyboards CFS, JJP
2	Allcargo Logistics CFS
3	Phonex CFS
4	Sravan CFS-1
5	Gateway East India CFS
6	VCT CFS
7	Century Plyboards CFS, Sonai
8	Balmer Lawrie CFS
9	SICAL CFS
10	Sravan CFS-2
11	CWC CFS, Kolkata
12	VPL Integral CFS
13	Sattava Vishaka CFS
14	A L Logistics CFS

LDB AT A GLANCE

61 MILLION⁺

CONTAINERS HANDLED

92	Toll Plaza Coverage
405+	CFS/ICD/ICP/PY/ IZ Coverage
600+	Operators deployed at ports
100%	EXIM Container Terminals covered
2750+	RFID readers deployed PAN India
EDI	with FOIS and 27 Port Terminals

PORT PERFORMANCE

(June'23 vs July'23)

DWELL TIME

WESTERN REGION

Import Cycle : 37.9%
(24.0 hrs to 33.1 hrs)

Export Cycle : 7.7%
(88.3 hrs to 81.5 hrs)

TOP-PERFORMER :
Bharat Mumbai Container
Terminal (PSA)

EASTERN REGION

Import Cycle : 10.4%
(50.8 hrs to 56.1 hrs)

Export Cycle :13.4%
(118.6 hrs to 102.7 hrs)

TOP-PERFORMER :
Kolkata Dock
System (KDS)

SOUTHERN REGION

Import Cycle : 5.4%
(37.3 hrs to 39.3 hrs)

Export Cycle : 0.8%
(78.8 hrs to 78.2 hrs)

TOP-PERFORMER :
Chennai International
Terminal Pvt. Ltd. (CITPL)

TOP PERFORMERS OF JULY 2023 PAN INDIA

TERMINAL

Bharat Mumbai
Container Terminal (PSA)

CFS

Sical CFS, Chennai
Tiruvallur, Tamil Nadu

ICD

Continetnal Warehousing
Corporation Nhava
Sheva Pvt.

NLDS
NICDC LOGISTICS DATA SERVICES LTD
Logistics Redefined

NICDC LOGISTICS DATA SERVICES LIMITED