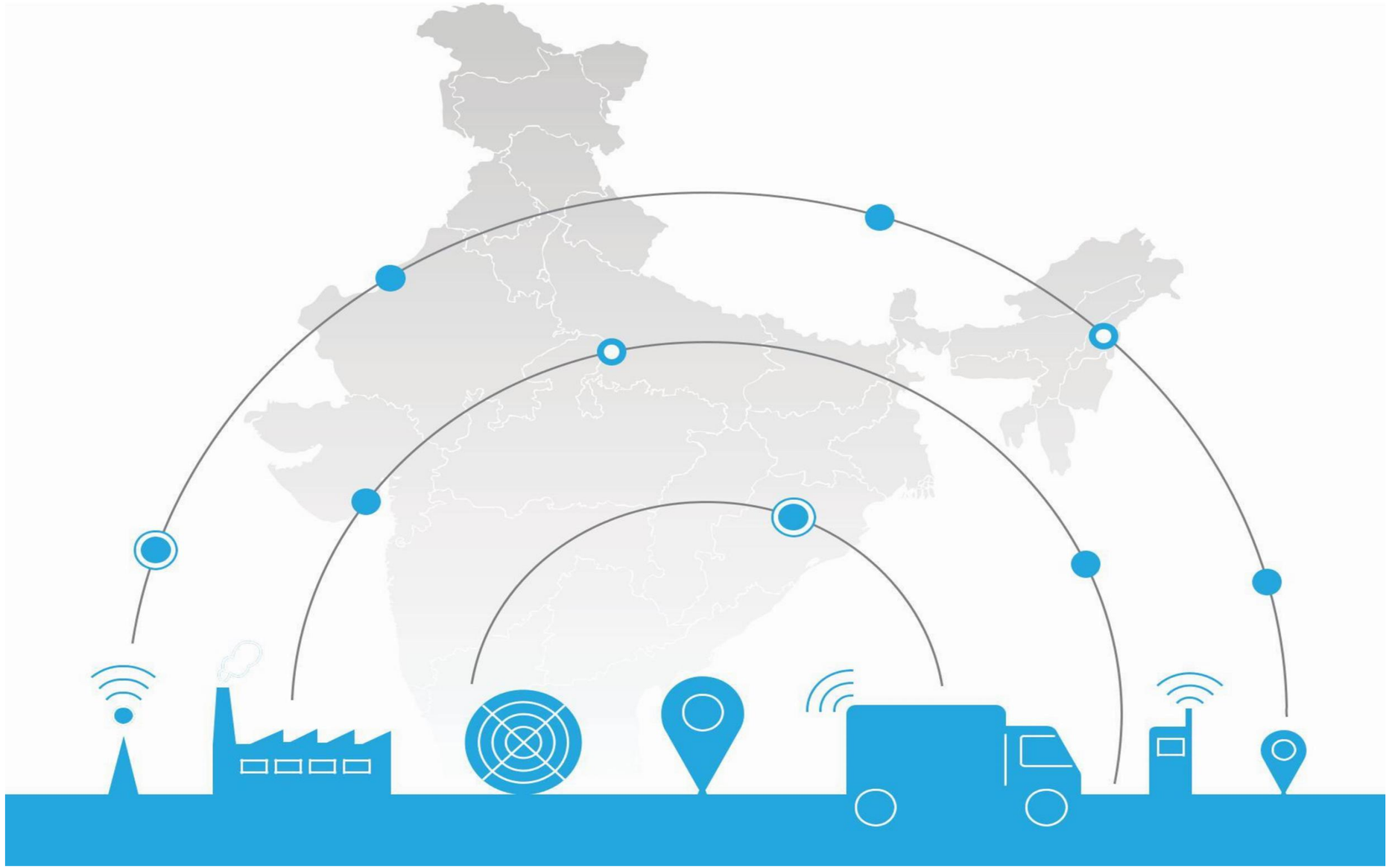
Logistics Databank Analytics Report- Dec 2019



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Index

Section **One**

Report Inference

This sections depicts the inference and major highlights of the report

1. Pan India Performance
2. Executive Summary – Terminal wise Dwell Time Performance
3. Critical Incident Summary
4. Pan India - Port Performance Benchmarking & Performance Index
5. Region wise segmentation, Western Region ICD performance and region-wise CFS performance
6. Analysis of Container Movement across India

Section **Two**

Annexure

This sections depicts the analysis of Individual Port Terminals region-wise

1. Individual Terminal Performance In Southern Corridor
2. Individual Terminal Performance In Eastern Corridor
3. Individual Terminal Performance In Western Corridor
4. JNPT Region: Congestion Analysis
5. Western Corridor Toll Plaza Analysis

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PAN INDIA Performance Snapshot: Dec 2019 (Dwell Time)

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Gujarat Region

Import	Export
21.5 hrs	103.2 hrs

Mumbai Region

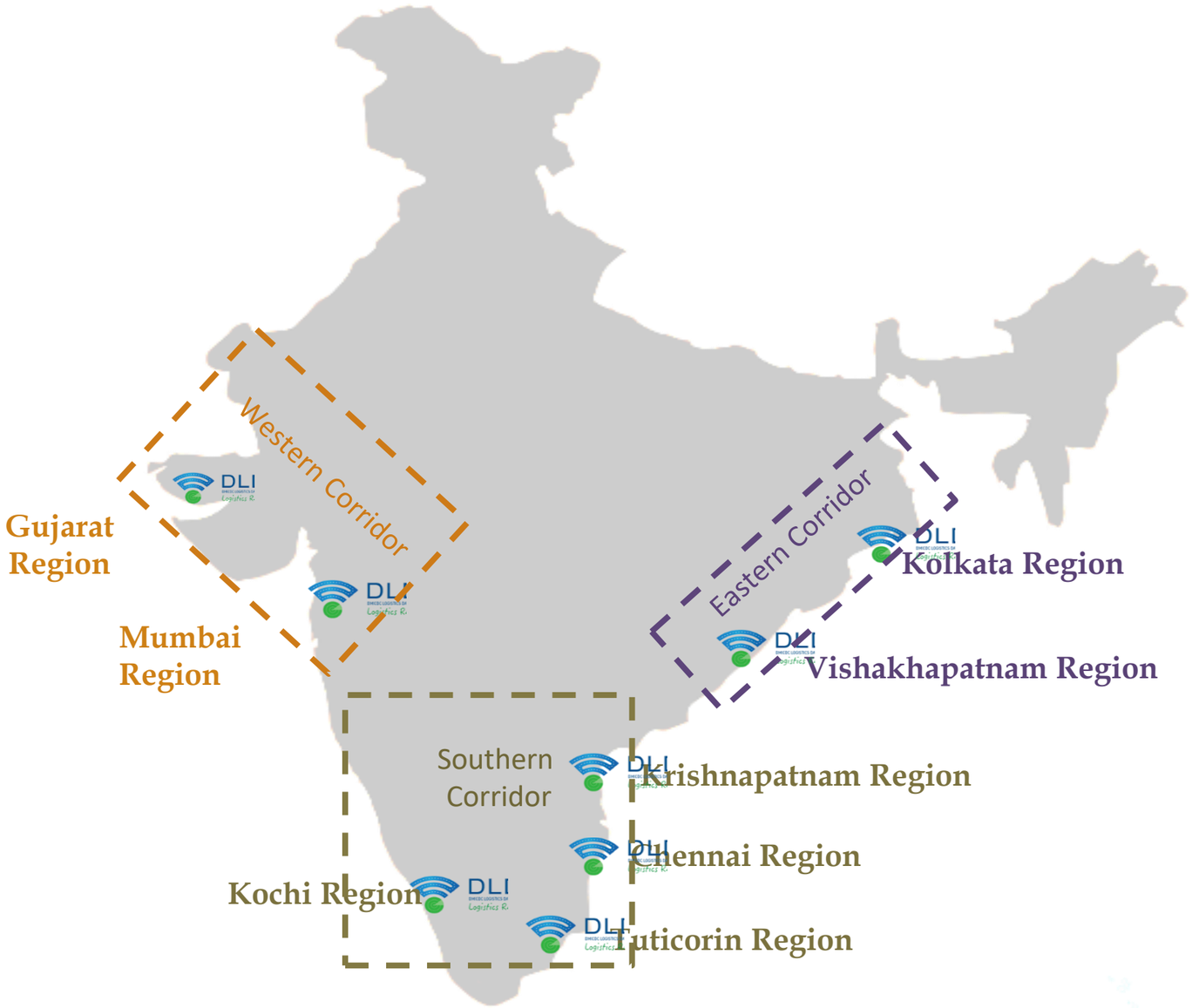
Import	Export
17.8 hrs	66.7 hrs

Kochi Region

Import	Export
53.6 hrs	68.3 hrs

Tuticorin Region

Import	Export
17.4 hrs	60.0 hrs



Kolkata Region

Import	Export
28.2 hrs	67.6 hrs

Vishakhapatnam Region

Import	Export
51.5 hrs	68.2 hrs

Krishnapatnam Region

Import	Export
105.5 hrs	69.3 hrs

Chennai Region

Import	Export
31.2 hrs	80.7 hrs

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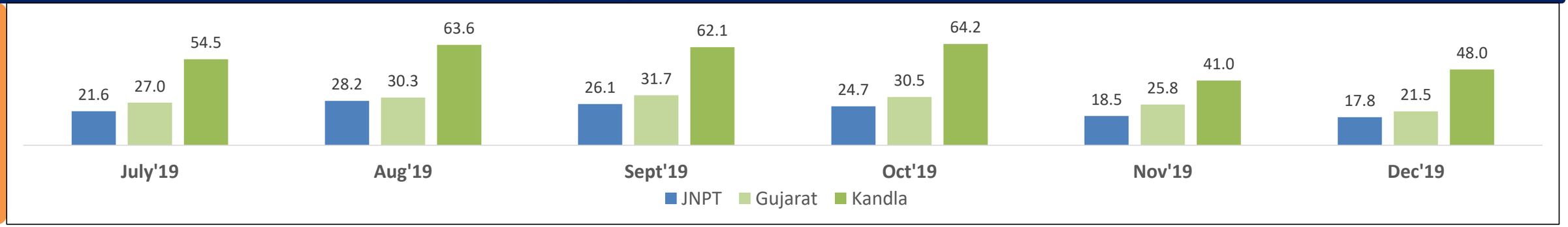
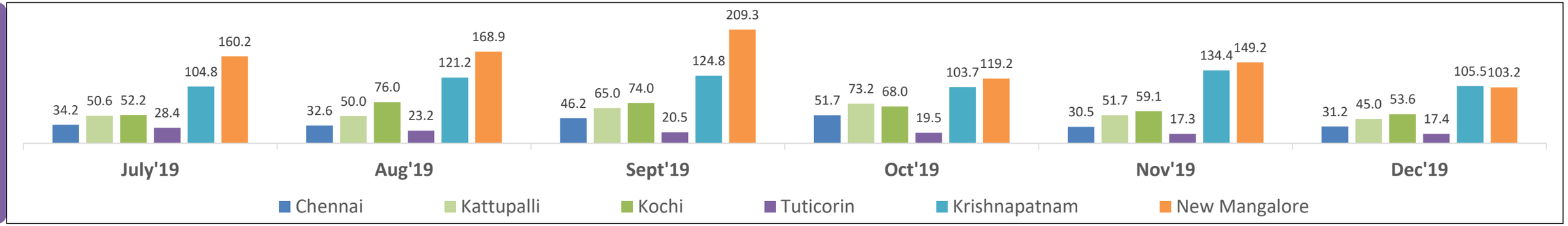
Pan India – Port Dwell Time Performance – Import Cycle

Import Cycle – Dwell Time Performance

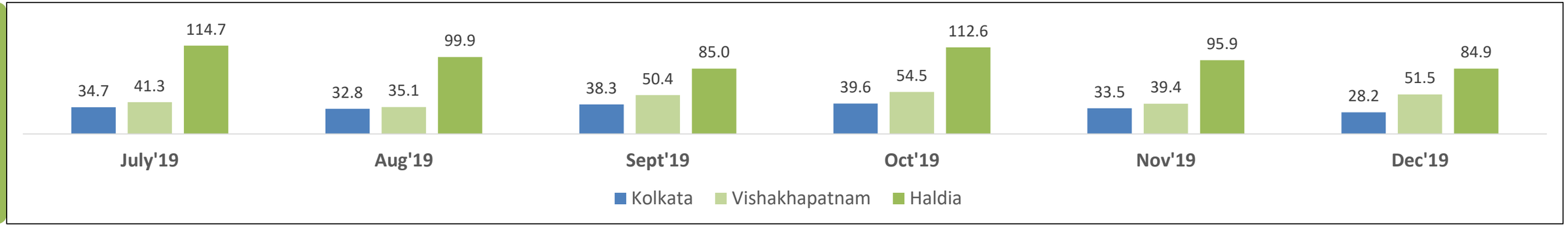
Western



Southern



Eastern



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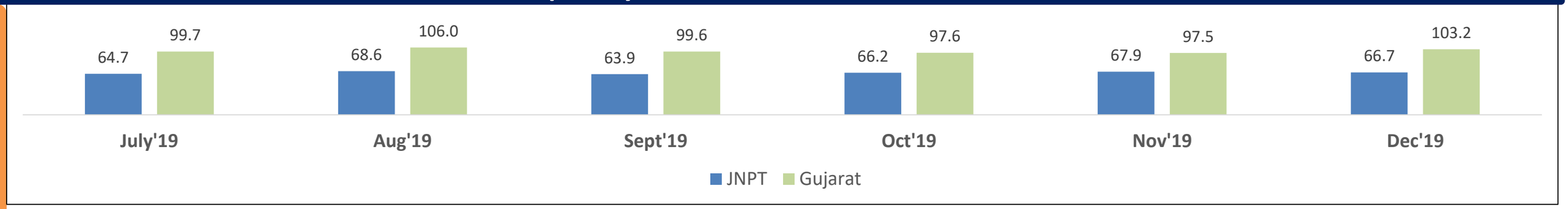
Pan India – Port Dwell Time Performance – Export Cycle

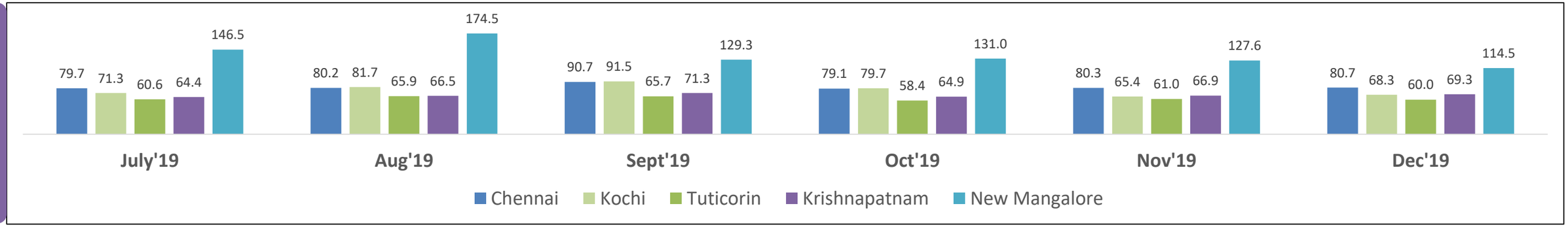
Export Cycle – Dwell Time Performance

Western



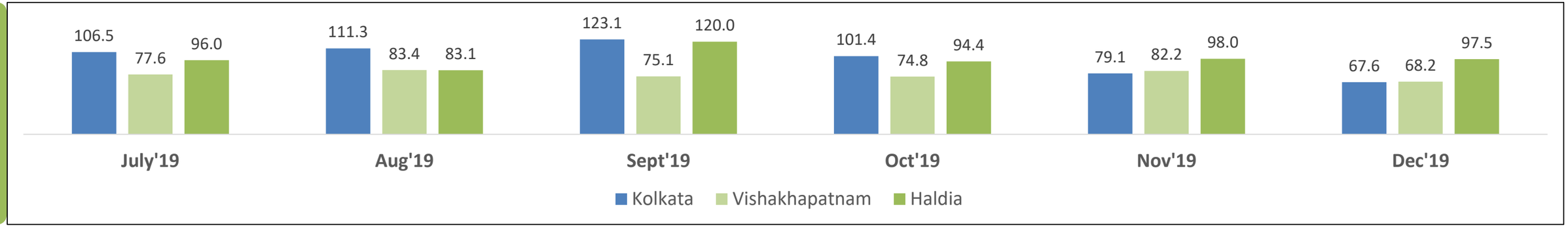
Kandla Port Terminal has been removed from the analysis as there was no sufficient volume in their export cycle

Southern



Kattupalli Port Terminal has been removed from the analysis as there was no sufficient volume in their export cycle

Eastern



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Executive Summary – Terminal wise Dwell Time Performance

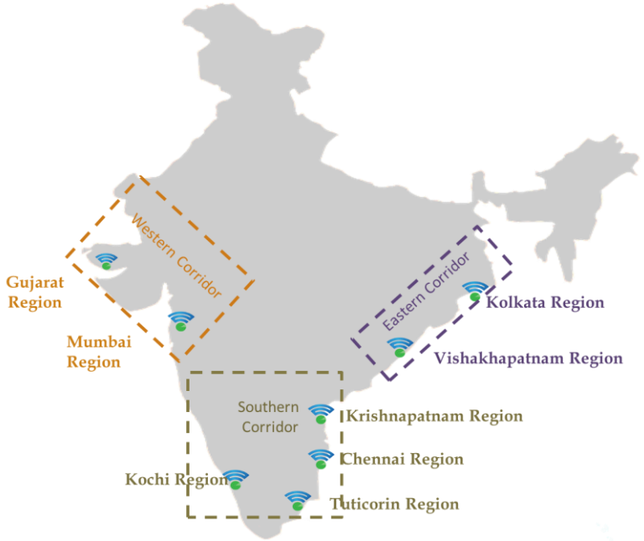
Western Region

Import Cycle

Port	Nov'19 (in hrs)	Dec'19 (in hrs)
JNPCT	25.9	24.8
NSICT	20.1	17.3
GTI	14.8	15.2
NSIGT	22.3	18.9
BMCT/PSA	18.8	17.9
ACMTPL	21.7	21.1
AHPPL	46.9	39.5
AICTPL	36.8	20.8
AMCT	16.0	14.9
MICT	28.7	22.7

Export Cycle

Port	Nov'19 (in hrs)	Dec'19 (in hrs)
JNPCT	79.7	76.6
NSICT	45.0	59.3
GTI	66.8	63.8
NSIGT	67.5	65.4
BMCT/PSA	74.3	77.2
ACMTPL	113.1	112.6
AHPPL	103.5	107.9
AICTPL	96.8	114.4
AMCT	98.7	102.8
MICT	79.7	81.5



Eastern Region

Import Cycle

Port	Nov'19 (in hrs)	Dec'19 (in hrs)
HICT	95.9	84.9
KDS	33.5	28.2
VCTPL	39.4	51.5

Export Cycle

Port	Nov'19 (in hrs)	Dec'19 (in hrs)
HICT	98.0	97.5
KDS	79.1	67.6
VCTPL	82.2	68.2

Southern Region

Import Cycle

Port	Nov'19 (in hrs)	Dec'19 (in hrs)
CCTL	26.5	26.2
CITPL	32.2	32.8
DBGT	13.8	12.3
PSA – SICAL	26.8	30.8
ICTT	59.1	53.6
NCT	134.4	105.5
AKPPL	51.7	45.0
NMPT	149.2	103.2

Export Cycle

Port	Nov'19 (in hrs)	Dec'19 (in hrs)
CCTL	81.0	83.8
CITPL	80.2	79.2
DBGT	41.1	45
PSA – SICAL	79.4	83.2
ICTT	65.4	68.3
NCT	66.9	69.3
AKPPL	-	-
NMPT	127.6	114.5

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Critical Incident Summary

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Western Corridor

- The Overall Container Handling Performance in import cycle in Mumbai and Gujarat region has improved by 4% & 17% respectively.

Month	Import Cycle – Mumbai Region	Import Cycle – Gujarat Region
Dec'19	17.8 hrs	21.5 hrs
Nov'19	18.5 hrs	25.8 hrs

Southern Corridor

- The container handling performance in Southern Corridor Import Cycle has decreased by 14%
- The overall container handling performance at CFS(s) in Southern Corridor has improved by 12%

Month	Import Dwell Time	CFS – Dwell Time
Dec'19	38.5 hrs	105.0 hrs
Nov'19	33.8 hrs	119.3 hrs

Eastern Corridor

- The overall container handling performance at Eastern Corridor has improved by 8% in Import Cycle and
- The overall container handling performance at Eastern Corridor has decreased by 14% in Export Cycle

Month	Import Cycle	Export Cycle
Dec'19	43.3 hrs	70.8 hrs
Nov'19	40.0 hrs	82.0 hrs

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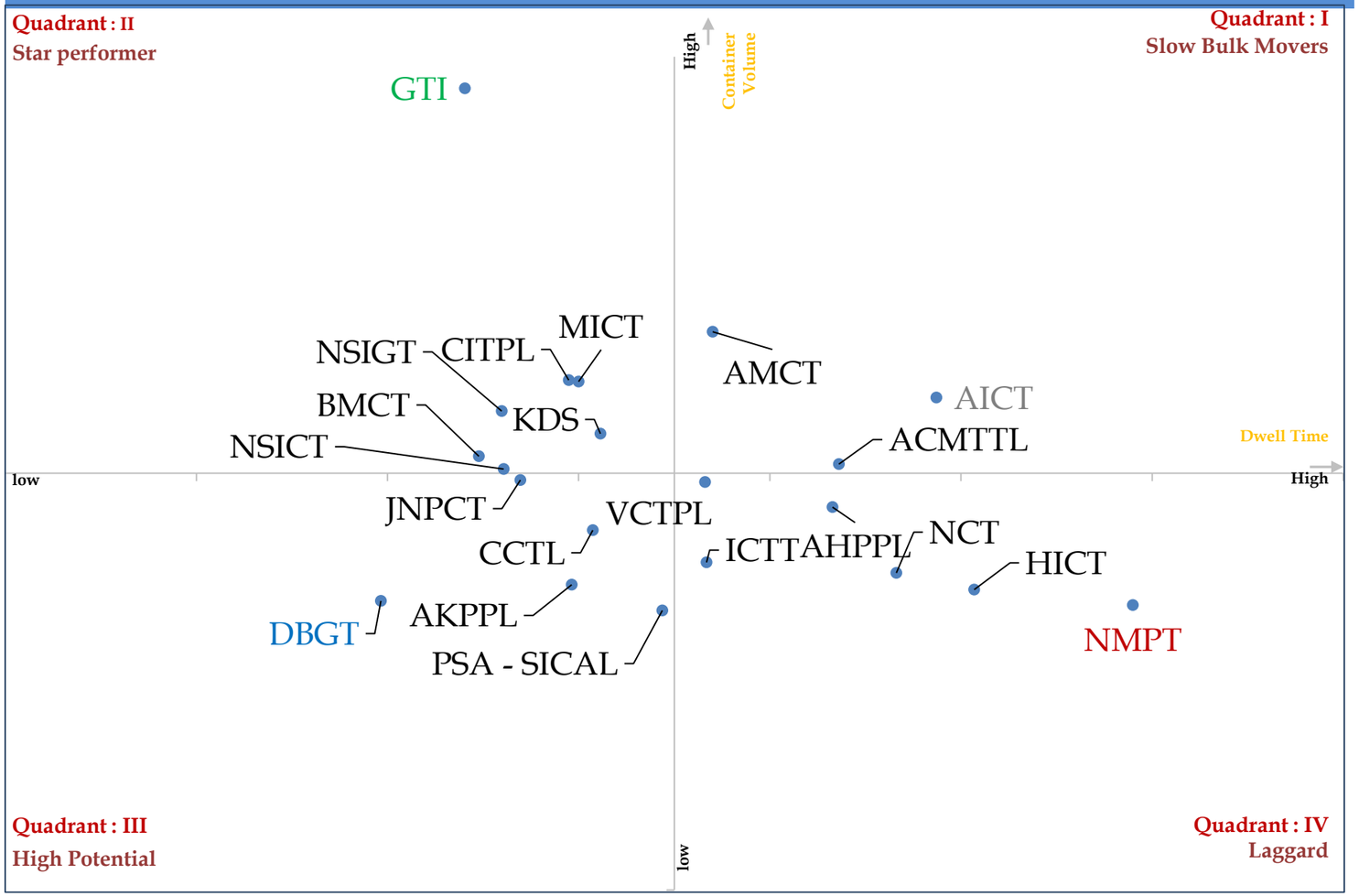
Pan India - Port Performance Benchmarking & Performance Index

Performance Benchmarking - Port Terminals

The benchmarking showcase the individual terminal's performance w.r.t Pan India

Port Terminal Performance Index – Dec'19



Performance benchmarking for Port Terminals covered under LDB project for Dec'19

Top Performing Terminal	
Gateway Terminals India	
Nov'19	Dec'19
34.1 hrs	32.5 hrs ↑

Low Performing Terminal	
New Mangalore Port Trust	
Nov'19	Dec'19
137.1 hrs	110.1 hrs ↑

Note: The performance benchmarking is based on performance index

↑↓ The arrows depict increase/decrease in overall performance of the stakeholders in comparison to Nov'19

Performance Index- Summary

In order to assess the relative performance of various entities like Port terminals, CFS(s) and ICD(s), the relative Dwell time as well as the volume of containers handled by them are depicted graphically in the form of an index to portray the performance of a particular organisation on the basis of these two combined factors i.e. Dwell time and Volume

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Laggard : consist of entities which have catered relatively lower container volume at higher dwell time

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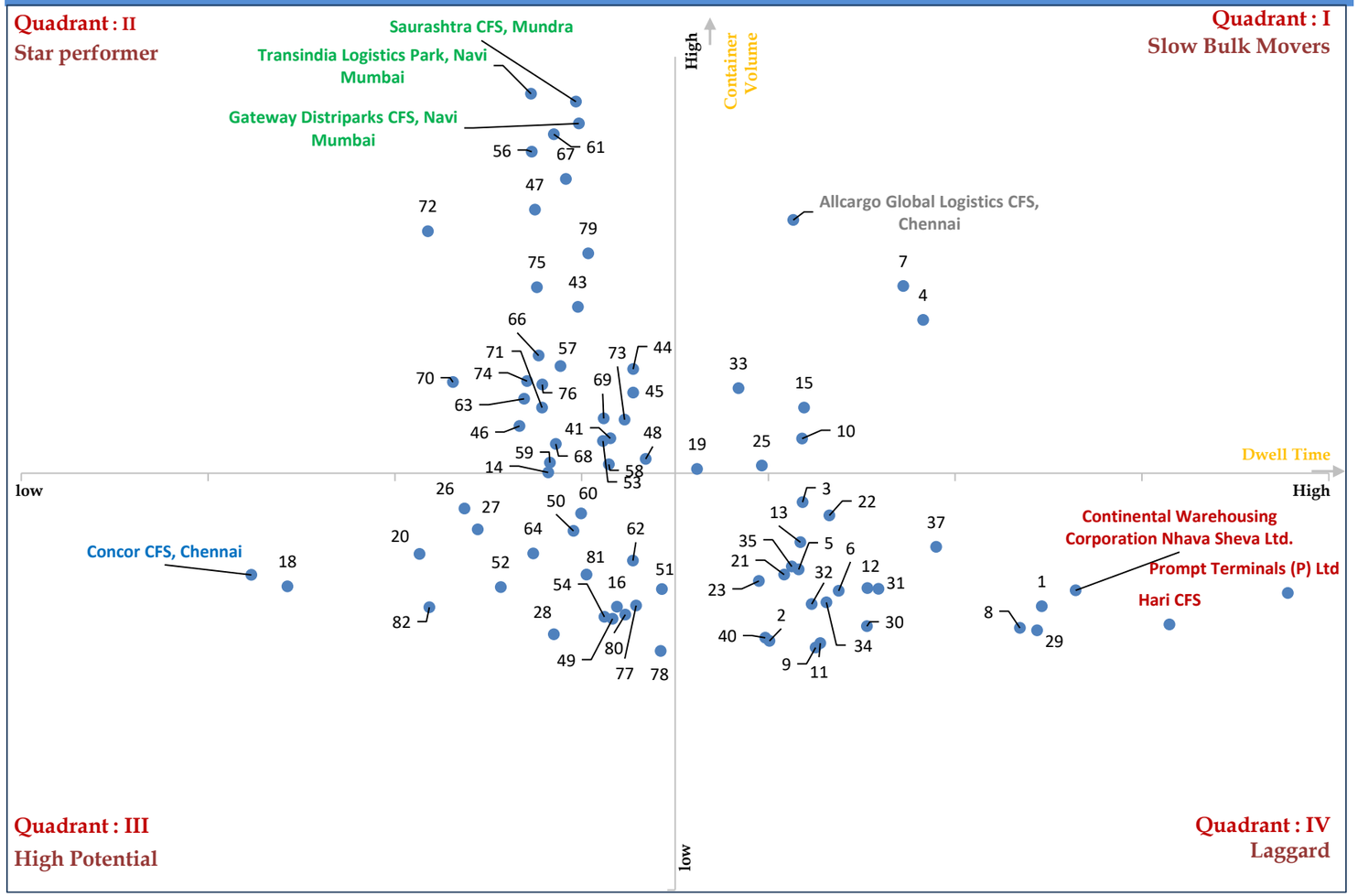
Pan India - CFS Performance Benchmarking & Performance Index

Performance Benchmarking - CFSs

The benchmarking showcase the individual CFS's performance w.r.t Pan India

CFS Terminal Performance Index – Dec'19



Performance benchmarking for CFSs covered under LDB project for Dec'19

Top Three Performing CFSs

CFS Name	Nov'19	Dec'19
Saurashtra CFS, Mundra	90.4	78.8
Transindia Logistics Park, Navi Mumbai	68.9	69.8
Gateway Distriparks CFS, Navi Mumbai	78.8	79.4

Bottom Three Performing CFSs

CFS Name	Nov'19	Dec'19
Continental Warehousing Corporation Nhava Sheva Ltd.	199.9	179.4
Prompt Terminals (P) Ltd	262.4	222.1
Hari CFS	225.0	198.3

Note: The performance benchmarking is based on performance index

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Performance Index- Summary

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Container Transportation Performance - Western Corridor

Port Dwell Time

IMPORT

Mode	Nov'19 (in hrs)	Dec'19 (in hrs)
Overall	20.7	19.1
Truck	18.7	17.5
Train	36.2	34.0

EXPORT

Mode	Nov'19 (in hrs)	Dec'19 (in hrs)
Overall	79.6	81.7
Truck	80.3	81.8
Train	75.0	81.2

Container Freight Stations(CFS)/Inland Container depots(ICD) – Dwell Time

Inland Container Depot (ICD)

Container Freight Stations (CFS)

Entity	Nov'19 (in hrs)	Dec'19 (in hrs)
CFS	80.4	75.1
ICD	130.1	120.8

The marked entries showcase increase in performance in comparison to Nov'19

The marked entries showcase decrease in performance in comparison to Nov'19

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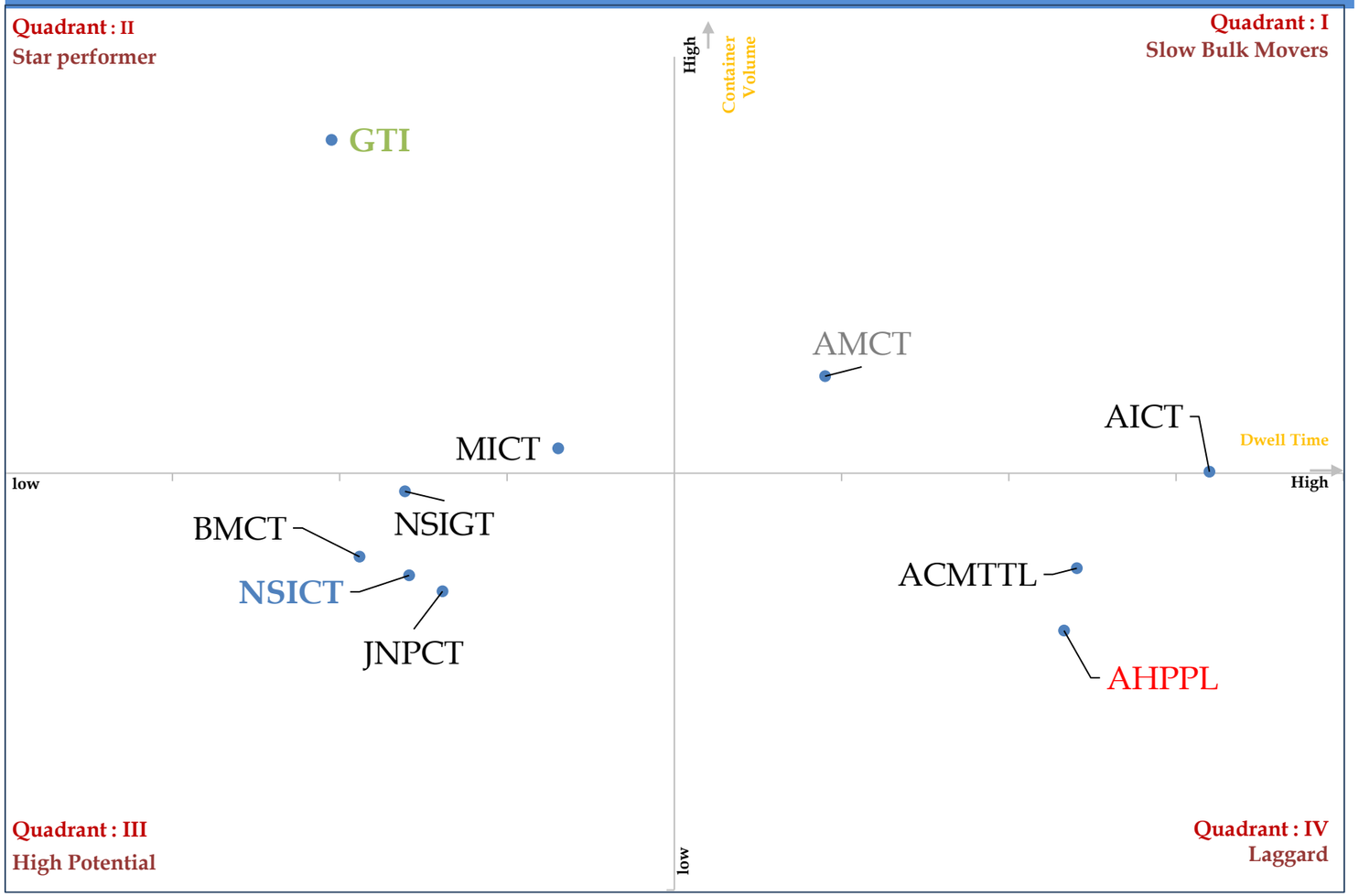
Port Performance Benchmarking & Performance Index - Western Corridor

Performance Benchmarking - Port Terminals

The benchmarking showcase the individual terminal's performance w.r.t Western Region

Port Terminal Performance Index – Dec'19



Performance benchmarking for Port Terminals covered under LDB project for Dec'19

Top Performing Terminal	
Gateway Terminals India	
Nov'19	Dec'19
34.1 hrs	32.5 hrs ↑

Low Performing Terminal	
Adani Hazira Port Private Limited (AHPPL)	
Nov'19	Dec'19
83.3 hrs	73.2 hrs ↑

Note: The performance benchmarking is based on performance index

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Performance Index- Summary

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Laggard : consist of entities which have catered relatively lower container volume at higher dwell time

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CFS/ICD Performance Benchmarking & Performance Index - Western Corridor

Performance Benchmarking

CFS

Top Performing CFS	
JWR CFS	
Nov'19	Dec'19
51.0 hrs	49.0 hrs

Low Performing CFS	
Navkar Corporation Yard 1 CFS, Panvel	
Nov'19	Dec'19
107.5 hrs	95.8 hrs

ICD

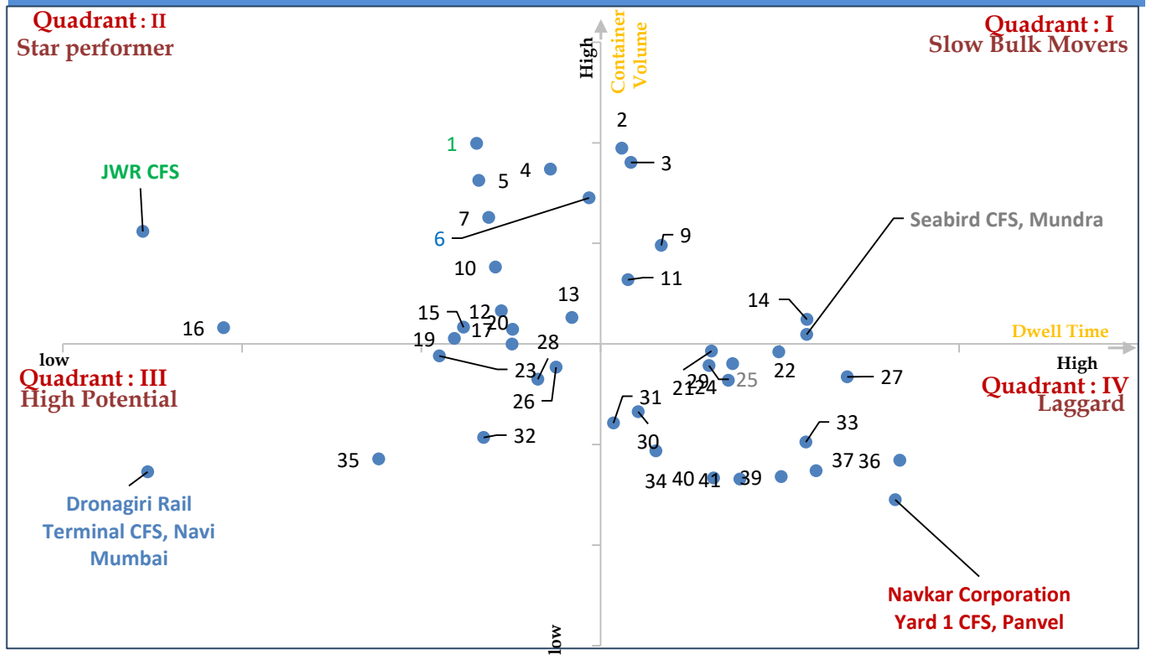
Top Performing ICD	
CONCOR Tughlakabad ICD, New Delhi	
Nov'19	Dec'19
136.4 hrs	125.0 hrs

Low Performing ICD	
CONCOR ICD, Aurangabad	
Nov'19	Dec'19
190.8 hrs	238.1 hrs

Note: The performance benchmarking is based on performance index

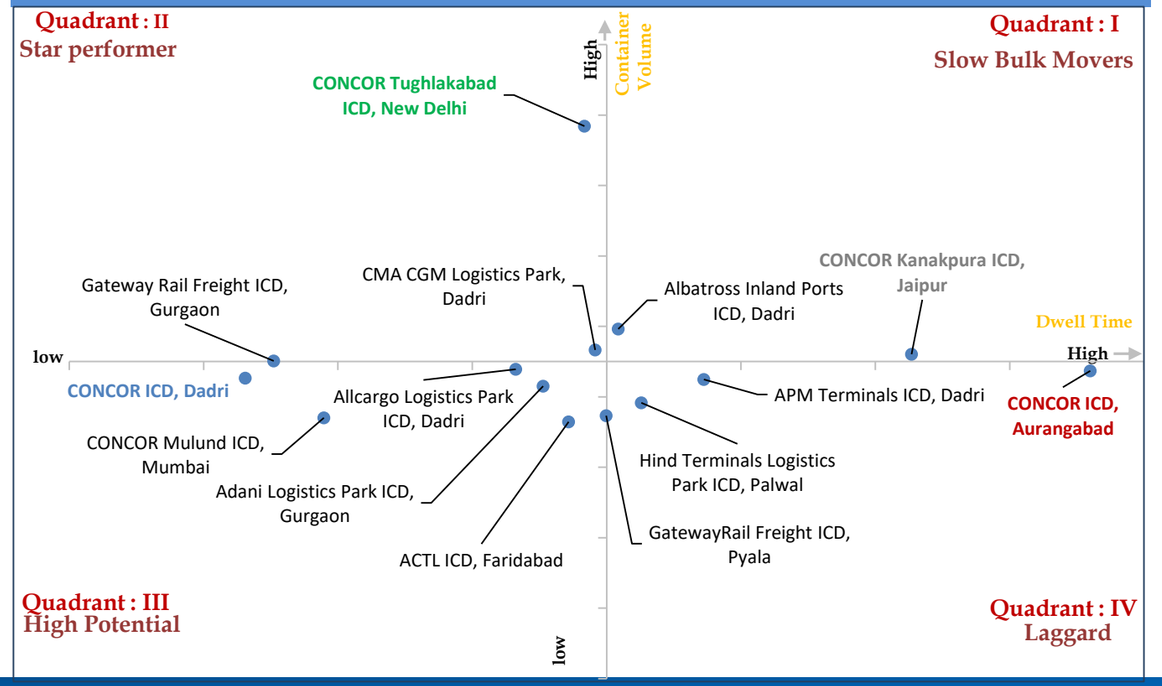
The arrows depict increase/decrease in overall performance of the stakeholders as compared to Nov'19

Performance Index: Western Corridor CFS



Kindly refer to Annexure section for the names of CFS

Performance Index: ICD



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Container Transportation Performance - Southern Corridor

Port Dwell Time

IMPORT

Mode	Nov'19 (in hrs)	Dec'19 (in hrs)
Overall	33.8	38.5
Truck	35.3	39.2

EXPORT

Mode	Nov'19 (in hrs)	Dec'19 (in hrs)
Overall	76.1	76.6
Truck	76.3	76.9
Train	71.2	70.0

Container Freight Stations(CFS)– Dwell Time

Container Freight Stations

Entity	Nov'19 (in hrs)	Dec'19 (in hrs)
CFS	119.3	105.0

The marked entries showcase increase in performance in comparison to Nov'19

The marked entries showcase decrease in performance in comparison to Nov'19

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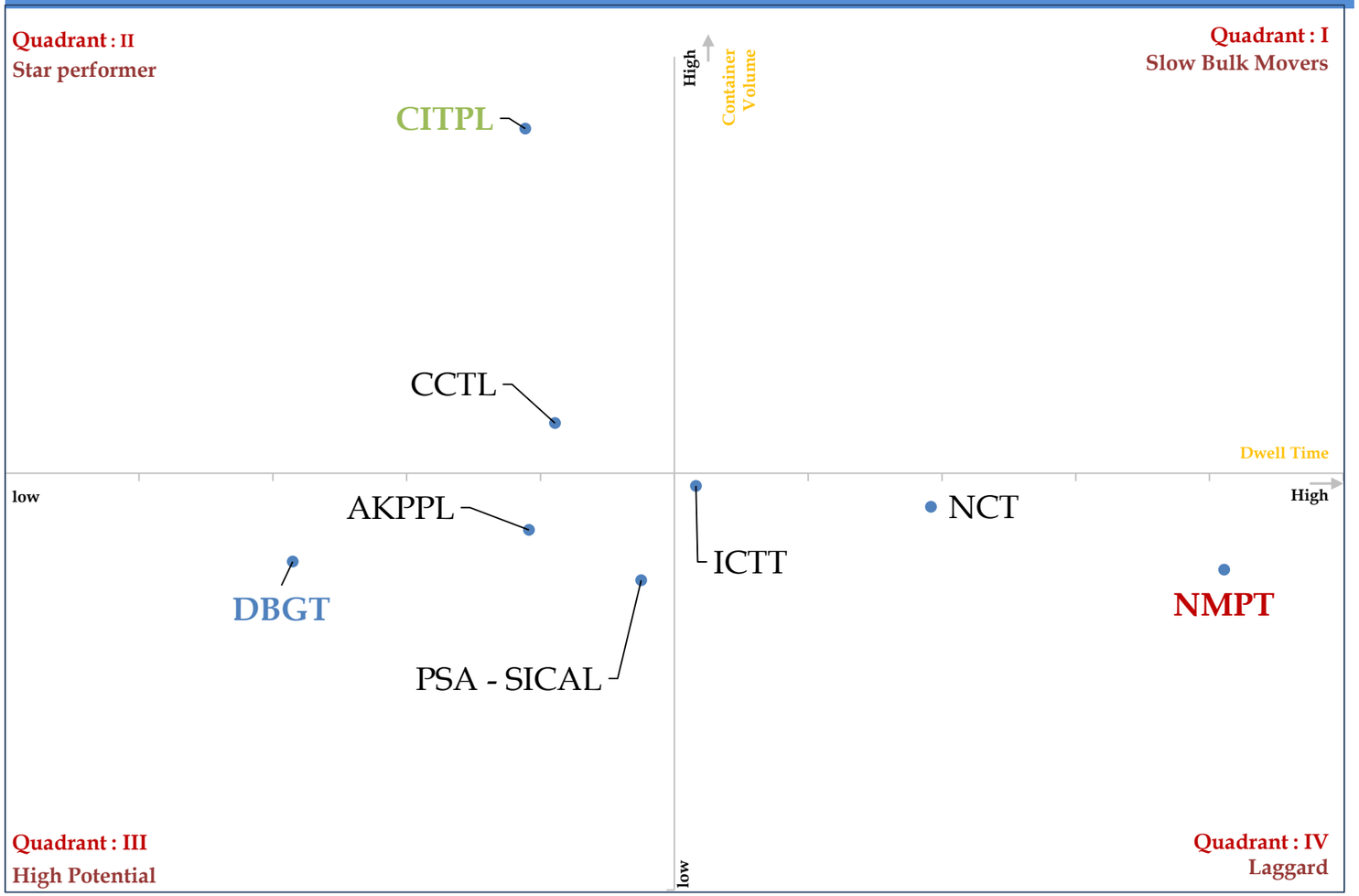
Port Performance Benchmarking & Performance Index - Southern Corridor

Performance Benchmarking - Port Terminals

The benchmarking showcase the individual terminal's performance w.r.t Southern Region

Southern Corridor Port Terminal Performance Index – Dec'19



Performance benchmarking for Port Terminals covered under LDB project for Dec'19

Top Performing Terminal	
Chennai International Terminals Pvt Ltd (CITPL)	
Nov'19	Dec'19
47.5 hrs	47.4 hrs

Low Performing Terminal	
New Mangalore Port Trust Terminal	
Nov'19	Dec'19
137.1 hrs	110.1 hrs

Note: The performance benchmarking is based on performance index

The arrows depict increase/decrease in overall performance of the stakeholders in comparison to Nov'19

Performance Index- Summary

In order to assess the relative performance of various entities like Port terminals, CFS(s) and ICD(s), the relative Dwell time as well as the volume of containers handled by them are depicted graphically in the form of an index to portray the performance of a particular organisation on the basis of these two combined factors i.e. Dwell time and Volume

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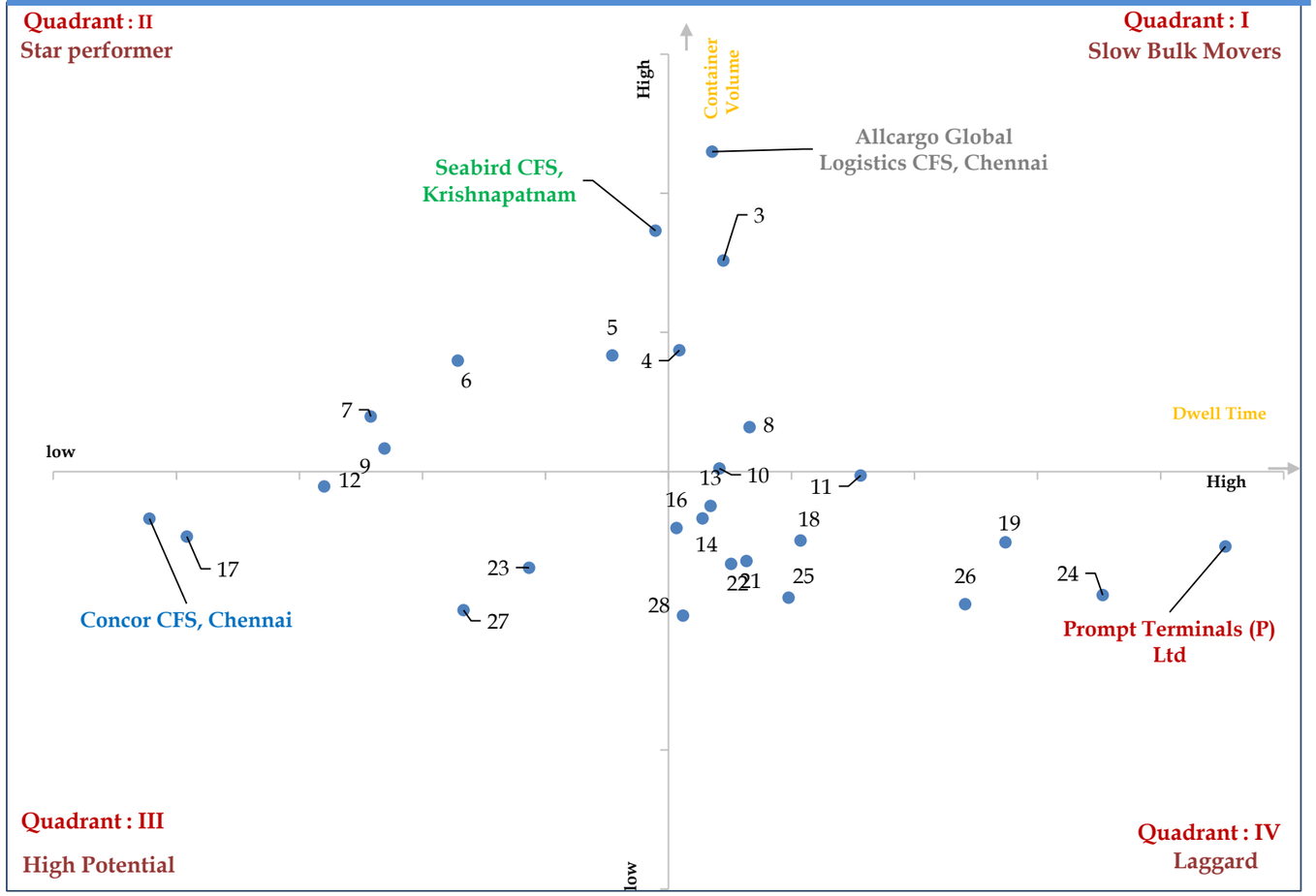
CFS Performance Benchmarking & Performance Index - Southern Corridor

Performance Benchmarking - CFS

Performance Index: Southern Corridor CFS



Performance benchmarking for CFS covered under LDB project in Southern Corridor for Nov'19

Top Performing Terminal	
Seabird CFS, Krishnapatnam	
Nov'19	Dec'19
94.4 hrs	111.5 hrs

Low Performing Terminal	
Prompt Terminals (P) Ltd	
Nov'19	Dec'19
262.4 hrs	222.1 hrs

Note: The performance benchmarking is based on performance index

The arrows depict increase/decrease in overall performance of the stakeholders in comparison to Nov'19

Performance Index- Summary

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Kindly refer to Annexure section for the names of CFS

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Container Transportation Performance - Eastern Corridor

Port Dwell Time

IMPORT

Mode	Nov'19 (in hrs)	Dec'19 (in hrs)
Overall	40.0	43.3
Truck	39.8	42.2
Train	100.3	87.3

EXPORT

Mode	Nov'19 (in hrs)	Dec'19 (in hrs)
Overall	82.0	70.8
Truck	79.6	69.8
Train	112.4	89.0

Container Freight Stations(CFS)– Dwell Time

Container Freight Stations

Entity	Nov'19 (in hrs)	Dec'19 (in hrs)
CFS	147.6	140.4

The marked entries showcase increase in performance in comparison to Nov'19

The marked entries showcase decrease in performance in comparison to Nov'19

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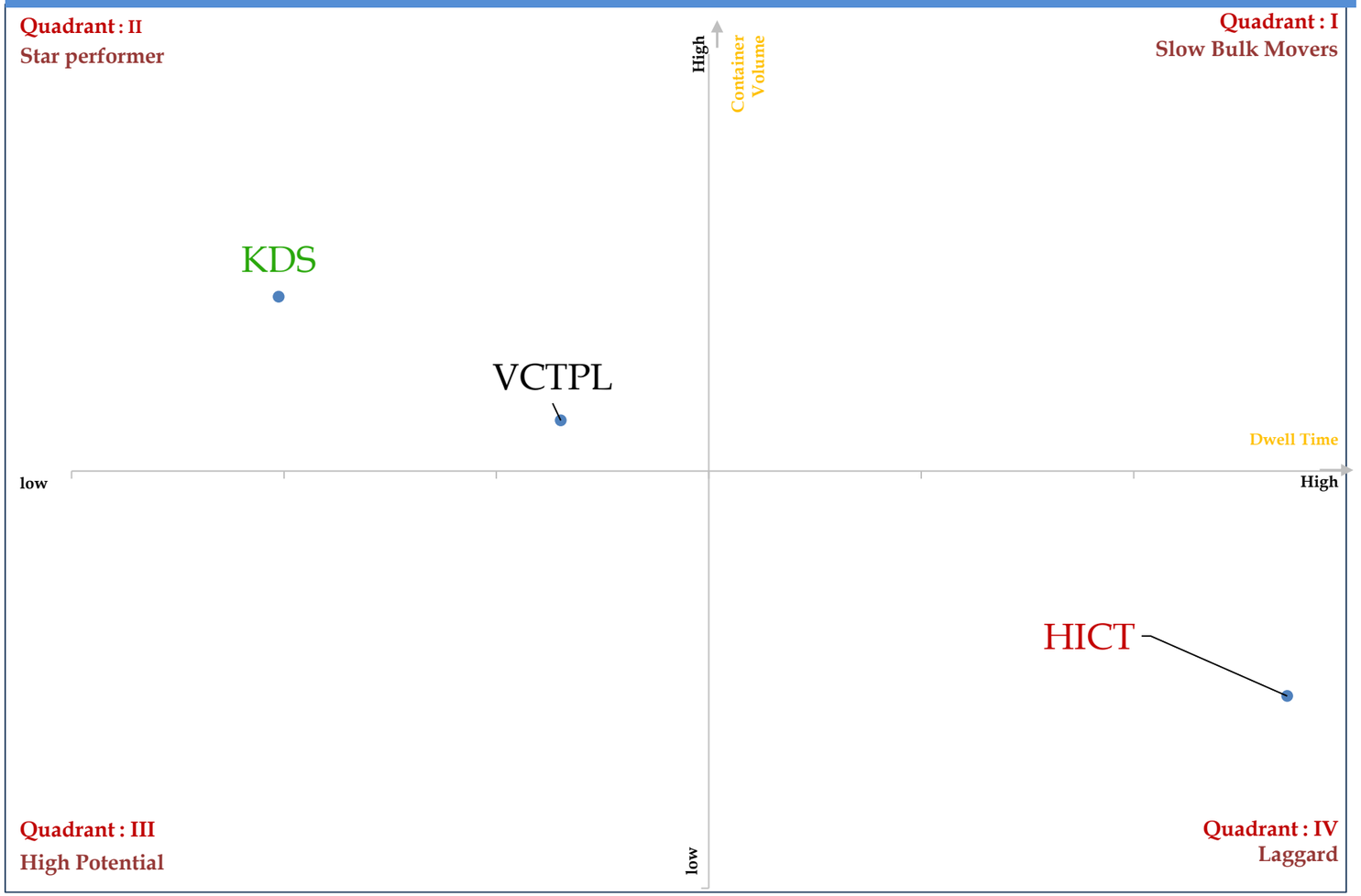
Port Performance Benchmarking & Performance Index - Eastern Corridor

Performance Benchmarking - Port Terminals

The benchmarking showcase the individual terminal's performance w.r.t Eastern Region

Port Terminal Performance Index – Dec'19



Performance benchmarking for Port Terminals covered under LDB project for Dec'19

Top Performing Terminal	
Kolkata Dock System (KDS)	
Nov'19	Dec'19
56.2 hrs	48.3 hrs

Low Performing Terminal	
Haldia International Container Terminal (HICT)	
Nov'19	Dec'19
97.0 hrs	91.7 hrs

Note: The performance benchmarking is based on performance index

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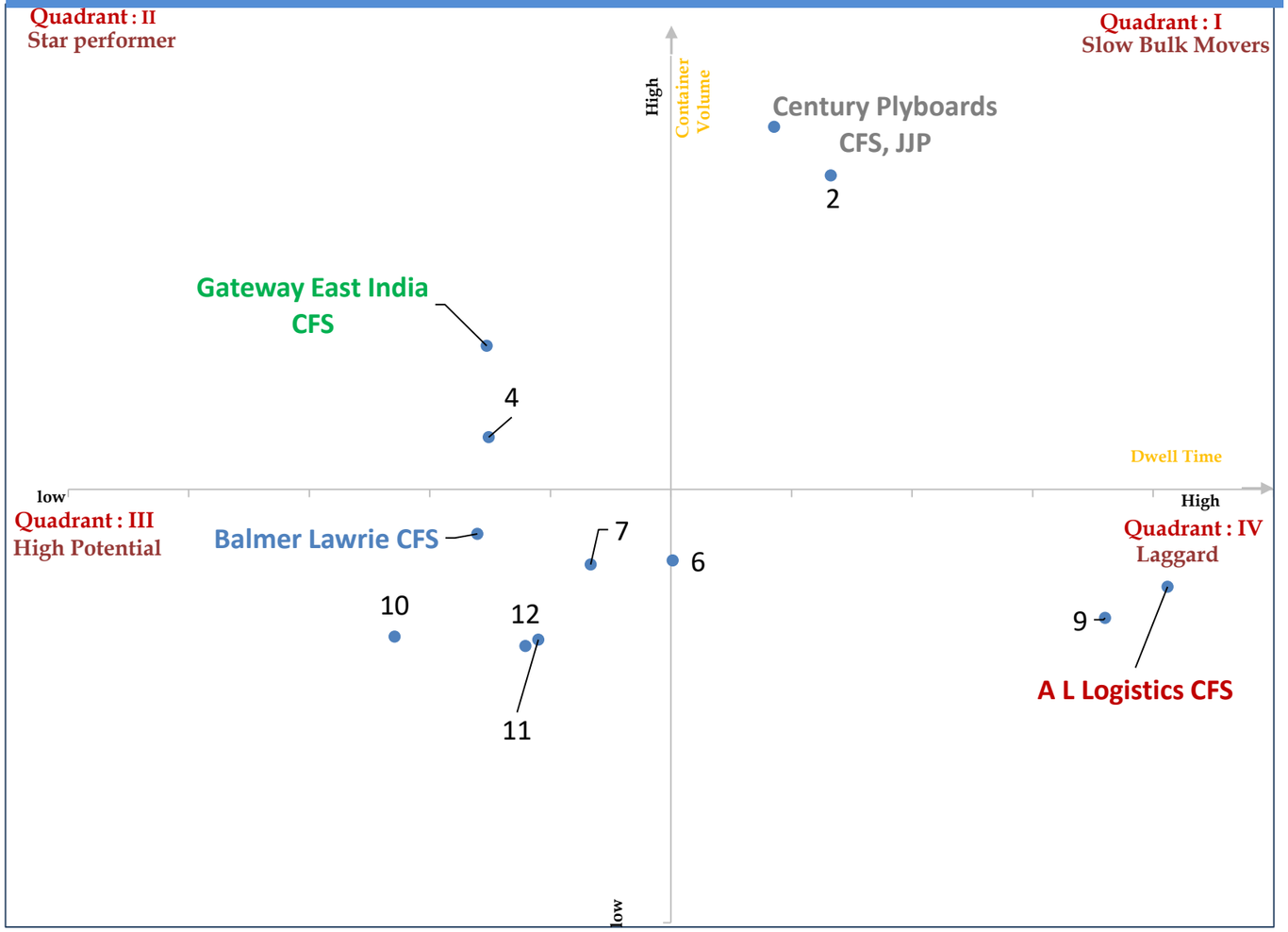
CFS Performance Benchmarking & Performance Index - Eastern Corridor

Performance Benchmarking - CFS

Performance Index: Eastern Corridor CFS



Performance benchmarking for CFS covered under LDB project in Eastern Corridor for Dec'19

Top Performing Terminal	
Gateway East India CFS	
Nov'19	Dec'19
132.6 hrs	124.3 hrs

Low Performing Terminal	
A L Logistics CFS	
Nov'19	Dec'19
141.8 hrs	172.6 hrs

Note: The performance benchmarking is based on performance index

The arrows depict increase/decrease in overall performance of the stakeholders in comparison to Nov'19

Performance Index- Summary

In order to assess the relative performance of various entities like Port terminals, CFS(s) and ICD(s), the relative Dwell time as well as the volume of containers handled by them are depicted graphically in the form of an index to portray the performance of a particular organisation on the basis of these two combined factors i.e. Dwell time and Volume

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Annexure

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Individual Terminal Performance In Southern Corridor

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Chennai Port Terminals: Container Transportation

DLDS
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Logistics Redefined

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

Mode	Nov'19 (in hrs)	Dec'19 (in hrs)
Overall	30.5	31.2
Truck	31.4	31.7

EXPORT

Mode	Nov'19 (in hrs)	Dec'19 (in hrs)
Overall	80.3	80.7
Truck	80.3	80.8
Train	80.6	80.1

Transit Time

Transit Cycle	Nov'19 (in hrs)	Dec'19 (in hrs)
Port to CFS	2.4	2.44

Towards CFS

Transit Cycle	Nov'19 (in hrs)	Dec'19 (in hrs)
CFS to Port	4.4	5.3

From CFS

Container Freight Station (CFS) – Dwell Time

CFS

Entity	Nov'19 (in hrs)	Dec'19 (in hrs)
CFS	106.3	93.7

The marked entries showcase the increase in performance as compared to Nov'19

The marked entries showcase the decrease in performance as compared to Nov'19

Container Lifecycle (Export Cycle)

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Kattupali Port Terminal: Container Transportation

Port Dwell Time

IMPORT

Port

Mode	Nov'19 (in hrs)	Dec'19 (in hrs)
Overall	51.7	45.0

Container Freight Station (CFS) – Dwell Time

CFS

Entity	Nov'19 (in hrs)	Dec'19 (in hrs)
CFS	106.3	93.7

The marked entries showcase the increase in performance as compared to Nov'19

The marked entries showcase the decrease in performance as compared to Nov'19

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Kochi Port Terminal: Container Transportation

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Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

Mode	Nov'19 (in hrs)	Dec'19 (in hrs)
Overall	59.1	53.6

EXPORT

Mode	Nov'19 (in hrs)	Dec'19 (in hrs)
Overall	65.4	68.3

Transit Time

Transit Cycle	Nov'19 (in hrs)	Dec'19 (in hrs)
Port to CFS	0.33	0.29

Towards CFS

Transit Cycle	Nov'19 (in hrs)	Dec'19 (in hrs)
CFS to Port	1.05	1.20

From CFS

Container Freight Station (CFS) – Dwell Time

CFS

Entity	Nov'19 (in hrs)	Dec'19 (in hrs)
CFS	128.4	124.7

The marked entries showcase the increase in performance as compared to Nov'19

The marked entries showcase the decrease in performance as compared to Nov'19

Container Lifecycle (Export Cycle)

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Tuticorin Port Terminal: Port Dwell Time Performance

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Container Lifecycle

Port Dwell Time

IMPORT

Terminals	Nov'19 (in hrs)	Dec'19 (in hrs)
Overall	17.3	17.4
DBGT Port terminal	13.8	12.3
PSA SICAL	26.8	30.8

EXPORT

Terminals	Nov'19 (in hrs)	Dec'19 (in hrs)
Overall	61.0	60.0
DBGT Port terminals	41.1	45.0
PSA SICAL	79.4	83.2

Transit Time

Transit Cycle	Nov'19 (in hrs)	Dec'19 (in hrs)
Port to CFS	0.75	0.8

Transit Cycle	Nov'19 (in hrs)	Dec'19 (in hrs)
CFS to Port	1.40	1.7

Container Freight Station (CFS) – Dwell Time

CFS

Entity	Nov'19 (in hrs)	Dec'19 (in hrs)
CFS	196.6	150.4

The marked entries showcase the increase in performance as compared to Nov'19

The marked entries showcase the decrease in performance as compared to Nov'19

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Krishnapatnam Port Terminal: Container Transportation

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Container Lifecycle (Import Cycle)

Port Dwell Time*

IMPORT

Mode	Nov'19 (in hrs)	Dec'19 (in hrs)
Overall	134.4	105.5

EXPORT

Mode	Nov'19 (in hrs)	Dec'19 (in hrs)
Overall	66.9	69.3

Container Freight Station (CFS) – Dwell Time

CFS

Entity	Nov'19 (in hrs)	Dec'19 (in hrs)
CFS	91.9	106.3

The marked entries showcase the increase in performance as compared to Nov'19

The marked entries showcase the decrease in performance as compared to Nov'19

Cargo Dwell Time

Port

Port Cargo Dwell time	Nov'19 (in hrs)	Dec'19 (in hrs)
Import	60.8	57.1
Export	62.4	64.9

Cargo Clearance time is calculated on the basis of Container In Time and Cargo out time for Import Cycle whereas for Export Cycle it is been calculated on the basis of Cargo In time and Container Out time

Container Lifecycle (Export Cycle)

★ Port dwell time reflects the time container has spent in the vicinity which is calculated on the basis of Port out time and Port in Time of container

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New Mangalore Port Terminal: Container Transportation

Port Dwell Time

Port

IMPORT

Mode	Nov'19 (in hrs)	Dec'19 (in hrs)
Overall	149.2	103.2

EXPORT

Mode	Nov'19 (in hrs)	Dec'19 (in hrs)
Overall	127.6	114.5

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Individual Terminal Performance In Eastern Corridor

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Vishakhapatnam Port Terminal: Container Transportation

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Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

Mode	Nov'19 (in hrs)	Dec'19 (in hrs)
Overall	39.4	51.5

EXPORT

Mode	Nov'19 (in hrs)	Dec'19 (in hrs)
Overall	82.2	68.2

Transit Time

Transit Cycle	Nov'19 (in hrs)	Dec'19 (in hrs)
Port to CFS	1.78	1.9

Towards CFS

Transit Cycle	Nov'19 (in hrs)	Dec'19 (in hrs)
CFS to Port	2.4	3.4

From CFS

Container Freight Station (CFS)– Dwell Time

CFS

Entity	Nov'19 (in hrs)	Dec'19 (in hrs)
CFS	154.2	137.3

The marked entries showcase the increase in performance as compared to Nov'19

The marked entries showcase the decrease in performance as compared to Nov'19

Container Lifecycle (Export Cycle)

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Kolkata Port Terminal: Container Transportation

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Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

Mode	Nov'19 (in hrs)	Dec'19 (in hrs)
Overall	33.5	28.2

EXPORT

Mode	Nov'19 (in hrs)	Dec'19 (in hrs)
Overall	79.1	67.6

Container Freight Station (CFS)– Dwell Time

CFS

Entity	Nov'19 (in hrs)	Dec'19 (in hrs)
CFS	142.7	139.0

The marked entries showcase the increase in performance as compared to Nov'19

The marked entries showcase the decrease in performance as compared to Nov'19

Note: Port Dwell Time at Kolkata Port Terminals is been calculated on the basis of all the containers including Nepal Bound containers

Container Lifecycle (Export Cycle)

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Haldia Port Terminal: Container Transportation

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Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

Mode	Nov'19 (in hrs)	Dec'19 (in hrs)
Overall	95.9	84.9

EXPORT

Mode	Nov'19 (in hrs)	Dec'19 (in hrs)
Overall	98.0	97.5

Container Freight Station (CFS)– Dwell Time

CFS

Entity	Nov'19 (in hrs)	Dec'19 (in hrs)
CFS	167.4	150.2

The marked entries showcase the increase in performance as compared to Nov'19

The marked entries showcase the decrease in performance as compared to Nov'19

Container Lifecycle (Export Cycle)

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Individual Terminal Performance In Western Corridor

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Container Transportation- JNPT Port Terminals

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Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

Mode	Nov'19 (in hrs)	Dec'19 (in hrs)
Overall	18.5	17.8
Truck	16.5	16.1
Train	33.7	32.4

EXPORT

Mode	Nov'19 (in hrs)	Dec'19 (in hrs)
Overall	67.9	66.7
Truck	69.5	68.1
Train	53.7	52.1

Transit Time

Towards ICD

Station

Transit Cycle	Nov'19 (in hrs)	Dec'19 (in hrs)
Port to ICD	77.3	67.2
Port to CFS	2.7	2.4

Towards CFS

From ICD

Station

Transit Cycle	Nov'19 (in hrs)	Dec'19 (in hrs)
ICD to Port	56.7	56.4
CFS to Port	3.7	3.9

From CFS

Container Freight Station (CFS) / Inland Container Depot (ICD) – Dwell Time

ICD

CFS

Entity	Nov'19 (in hrs)	Dec'19 (in hrs)
CFS	75.5	72.8
ICD	130.1	120.8

Volume distribution at port terminal – Truck/Rail

	Truck	Rail
Import	80%	20%
Export	83%	17%

The marked entries showcase the increase in performance as compared to Nov'19

The marked entries showcase the decrease in performance as compared to Nov'19

Container Lifecycle (Export Cycle)

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Container Transportation- JNPT Port Terminals

IMPORT CYCLE DWELL TIME (Dec'19 – in hrs)			Compared to Nov'19
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	17.8	4% ↑
	Port Dwell Time for Truck Bound Containers	16.1	3% ↑
	Port Dwell time for Train Bound Containers	32.4	4% ↑
	Port Dwell time Direct Port Delivery (DPD) containers	28.8	19% ↑
	Port Dwell time Containers bound for CFS	15.2	2% ↓
	Port Dwell for Empty Containers	23.5	13% ↑
	Port Dwell for Laden Containers	17.8	4% ↑
TRANSIT TIME	Port to ICD	67.2	13% ↑
	Port to CFS	2.4	9% ↑

EXPORT CYCLE DWELL TIME (Dec'19– in hrs)			Compared to Nov'19
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	66.7	2% ↑
	Port Dwell Time for Truck Bound Containers	68.1	2% ↑
	Port Dwell time for Train Bound Containers	52.1	3% ↑
	Port Dwell time Direct Port Entry (DPE) containers	68.5	3% ↑
	Port Dwell time Containers bound from CFS	60.0	1% ↑
	Port Dwell for Empty Containers	76.4	0.1 ↓
	Port Dwell for Laden Containers	66.7	2% ↑
TRANSIT TIME	ICD to Port	56.4	0.5% ↑
	CFS to Port	3.9	6% ↓

↑↓ The arrows depict increase/decrease in performance of the stakeholders in comparison to Nov'19

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JNPT Region: Parking Plaza Dwell Time Analysis

Container handling performance around Parking Plaza and JNPT Port Terminal is depicted below for the month Nov'19 and Dec'19

Parking Plaza Gate In – Gate Out

Parking Plaza Gate Out – Terminal In

Waiting Time at Parking Plaza

Mode	Nov'19 (in hrs)	Dec'19 (in hrs)
Overall	7.6	7.5

Transit time from Parking plaza to JNPT Port Terminal

Mode	Nov'19 (in hrs)	Dec'19 (in hrs)
Overall	1.6	2.0

Export Cycle

The marked entries showcase the increase in performance compared to last month

The marked entries showcase the decrease in performance compared to last month

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Gujarat Port Terminals : Container Transportation

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Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

Mode	Nov'19 (in hrs)	Dec'19 (in hrs)
Overall	25.8	21.5
Truck	23.5	20.2
Train	47.9	40.5

EXPORT

Mode	Nov'19 (in hrs)	Dec'19 (in hrs)
Overall	97.5	103.17
Truck	98.1	103.17
Train	94.3	103.21

Transit Time

Towards ICD

Station

Transit Cycle	Nov'19 (in hrs)	Dec'19 (in hrs)
Port to ICD	105.8	83.8
Port to CFS	1.16	1.10

Towards CFS

From ICD

Station

Transit Cycle	Nov'19 (in hrs)	Dec'19 (in hrs)
ICD to Port	79.0	84.2
CFS to Port	0.70	0.73

From CFS

Container Freight Stations(CFS)/Inland Container Depots(ICD)

ICD

CFS

Entity	Nov'19 (in hrs)	Dec'19 (in hrs)
CFS	93.2	81.2
ICD	130.1	120.8

Volume distribution at port terminal – Truck/Rail

	Truck	Rail
Import	90%	10%
Export	78%	22%

The marked entries showcase the increase in performance as compared to Nov'19

The marked entries showcase the decrease in performance as compared to Nov'19

Container Lifecycle (Export Cycle)

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Container Transportation- Gujarat Port Terminals

IMPORT CYCLE DWELL TIME (Dec'19– in hrs)			Compared to Nov'19
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	**21.5**	**17%** ↑
	Port Dwell Time for Truck Bound Containers	**20.2**	**14%** ↑
	Port Dwell time for Train Bound Containers	**40.5**	**15%** ↑
TRANSIT TIME	Port to ICD	**83.8**	**21%** ↑
	Port to CFS	**1.1**	**6%** ↑

EXPORT CYCLE DWELL TIME (Dec'19– in hrs)			Compared to Nov'19
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	**103.17**	**6%** ↑
	Port Dwell Time for Truck Bound Containers	**103.17**	**5%** ↑
	Port Dwell time for Train Bound Containers	**103.21**	**9%** ↑
TRANSIT TIME	ICD to Port	**84.2**	**6%** ↓
	CFS to Port	**0.73**	**4%** ↓

↑↓ The arrows depict increase/decrease in performance of the stakeholders in comparison to Dec'19

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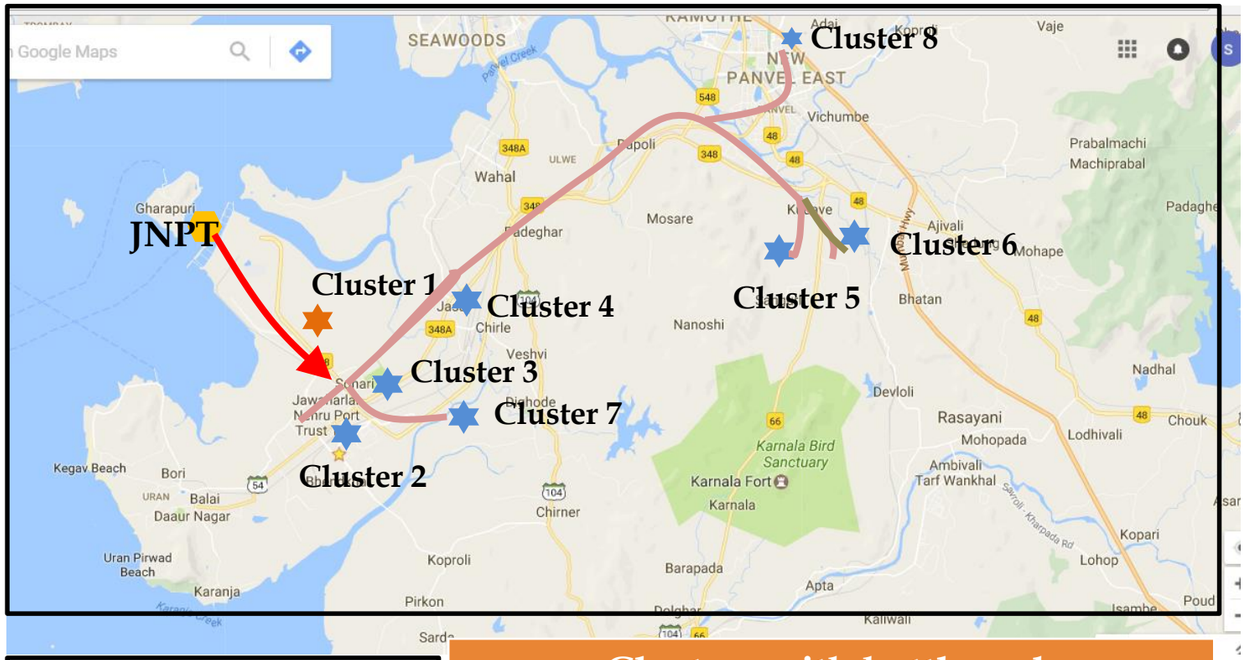
JNPT Region: Congestion Analysis

JNPT – Import – Dec'19

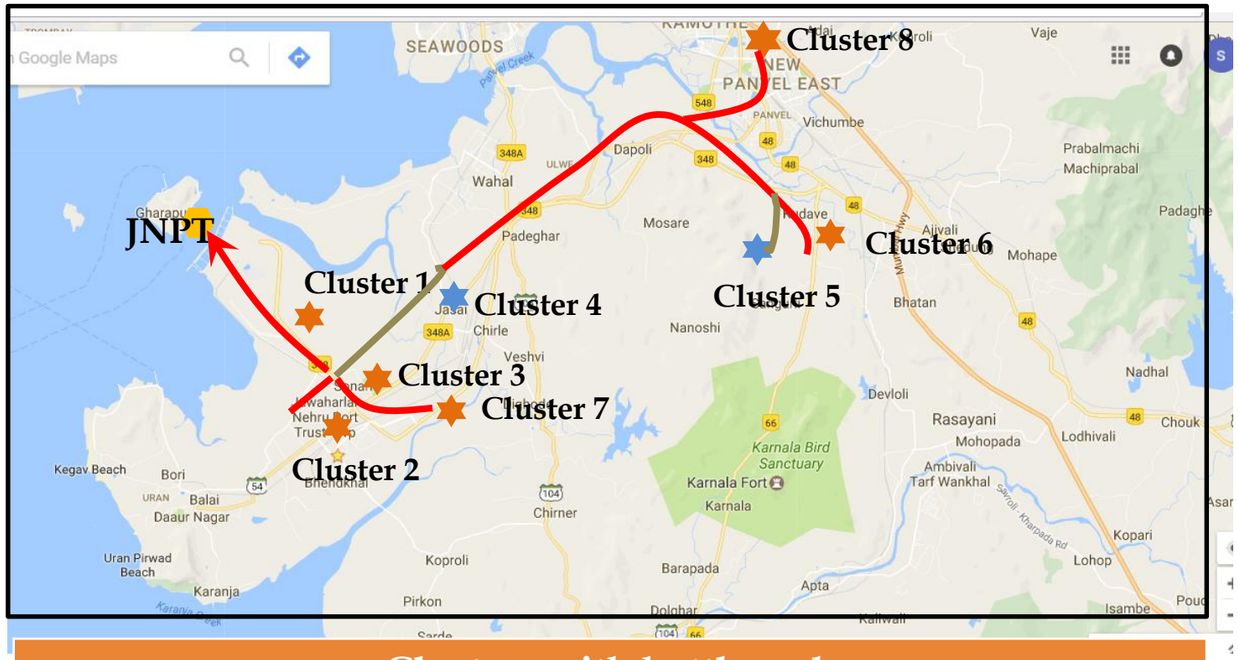


Legends
- High Congestion
- Medium Congestion
- Low Congestion
- Cluster with bottleneck
- Cluster without bottleneck

Clusters with bottleneck	
CLUSTER 1	JNPT Area

Clusters without bottleneck	
CLUSTER 2	Bhendkhal area, Khopate road
CLUSTER 3	Sonari area,JNPT road
CLUSTER 4	Chirle area , JNPT road
CLUSTER 5	Plaspa area, Coach kanyakumari Highway
CLUSTER 6	Salva apta rd area, Bangalore highway
CLUSTER 7	Patilpada area, Khopate JNPT road
CLUSTER 8	Taloja, Navi Mumbai

JNPT – Export – Dec'19



Clusters with bottleneck	
CLUSTER 1	JNPT Area
CLUSTER 2	Bhendkhal area, Khopate road
CLUSTER 3	Sonari area,JNPT road
CLUSTER 6	Salva apta rd area, Bangalore highway
CLUSTER 7	Patilpada area, Khopate JNPT road
CLUSTER 8	Taloja, Navi Mumbai

Clusters without bottleneck	
CLUSTER 4	Chirle area , JNPT road
CLUSTER 5	Plaspa area, Coach kanyakumari Highway

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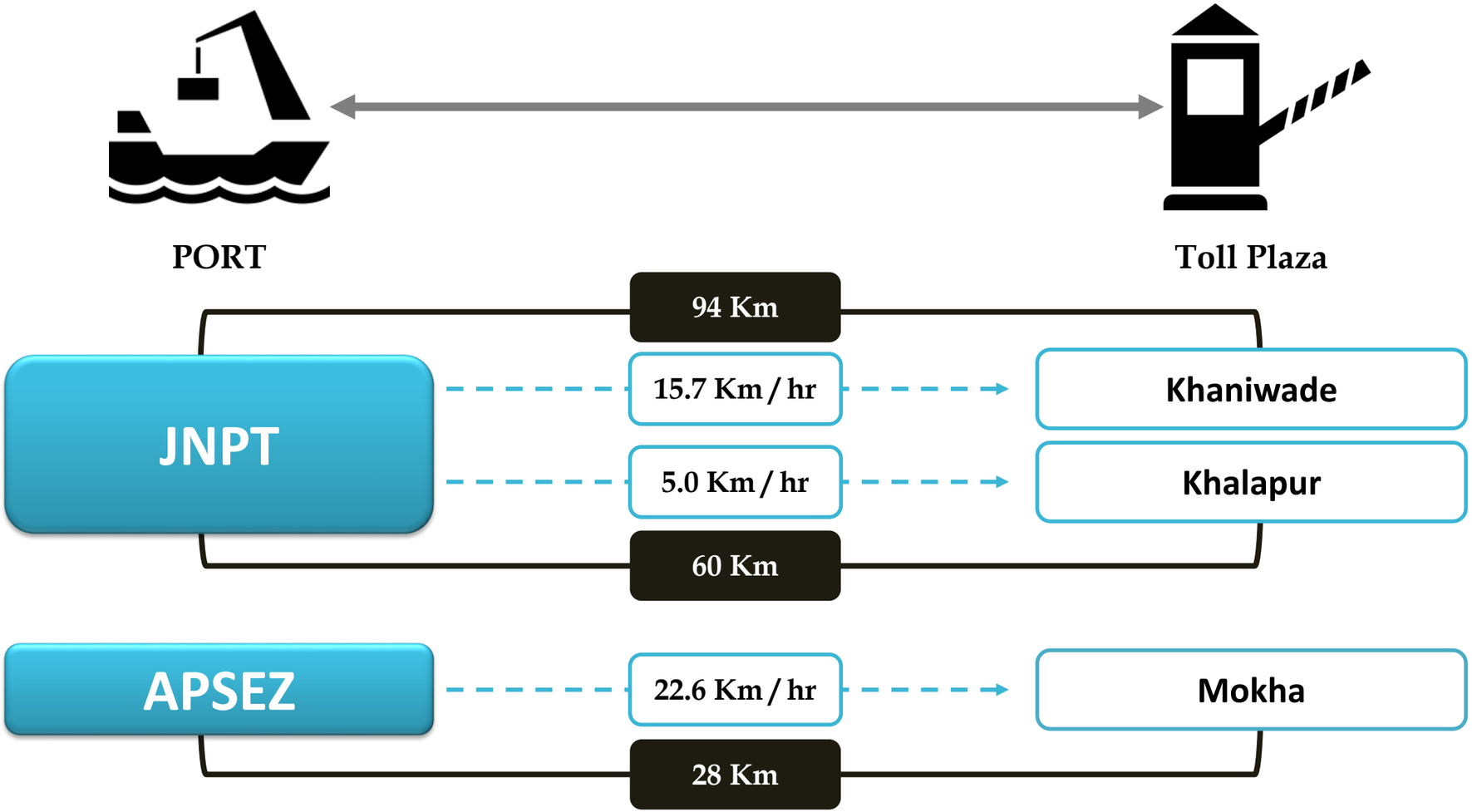
Evacuation Efficiency Analysis

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



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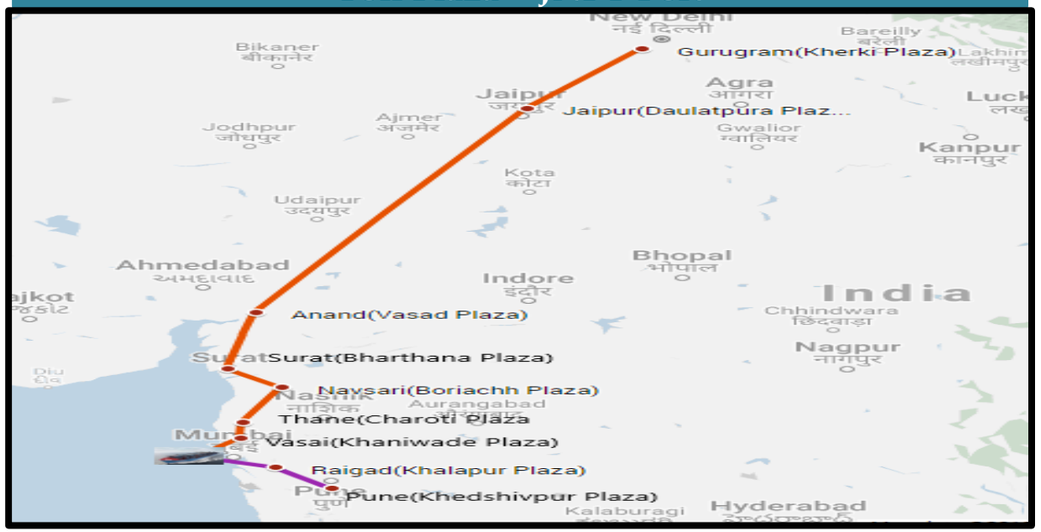
Western Corridor Toll Plaza Analysis

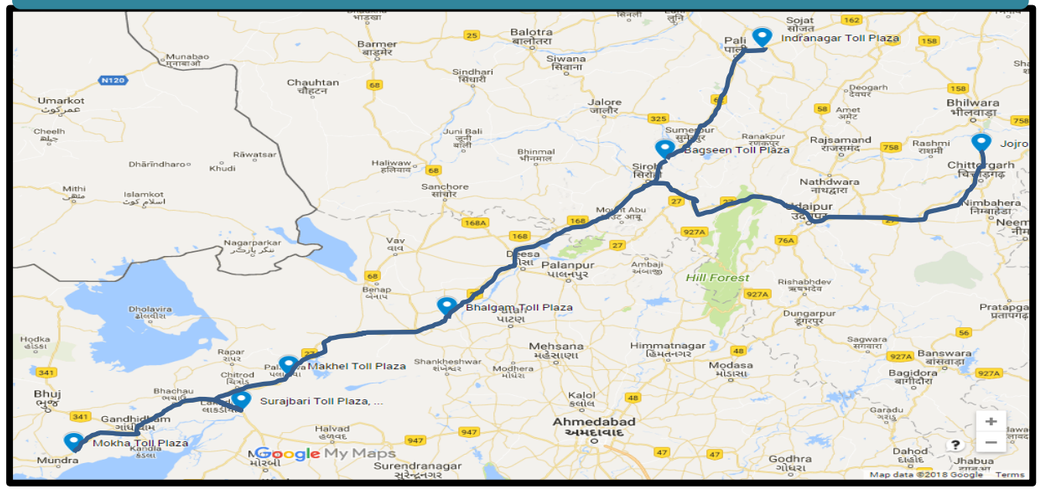
Avg. Speed between Toll to Toll Plazas

	Source	Destination Toll Plaza	Inter Distance (Km)	Nov'19 (in km/hrs)	Dec'19 (in km/hrs)
JNPT	JNPT	Khaniwade	94	15.6	15.7
	JNPT	Khalapur	60	11.00	5.02
	Khaniwade	Charoti	50	36.5	37.4
	Charoti	Boriach	126	27.6	29.0
	Boriach	Bharthan	142	33.2	33.8
APSEZ	APSEZ	Mokha	28	23.7	22.6
	Mokha	Makhel	150	26.4	26.6
	Mokha	Surajbari	115	24.7	27.4
	Makhel	Bhalgam	108	38.14	38.09
	Bhalgam	Uthamam	209	29.6	31.1

Toll Plaza - JNPT Port



Toll Plaza – APSEZ Port



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Annexure – Name of the Ports

List of Port name used in Executive Summary

Terminal Name	Name of the Port
ACMTTL	Adani CMA Mundra Terminal (ACMTTL)
AHPPL	Adani Hazira Port Private Limited (AHPPL)
AICT	Adani International Container Terminal (AICT)
AMCT	Adani Mundra Container Terminal (AMCT)
BMCT	Bharat Mumbai Container Terminals(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)
KICT	Kandla International Container Terminal (KICT)
ICTT	International Container Transhipment Terminal, Kochi
JNPCT	Jawaharlal Nehru Port Container Terminal (JNPCT)
AKPPL	Kattupalli International Container Terminal (KICT)
KDS	Kolkata Dock System (KDS)
MICT	Mundra International Container Terminal (MICT)
NCT	Navayuga Container Terminal (NCT)
NSIGT	Nhava Sheva India Gateway Terminal (NSIGT)
NSICT	Nhava Sheva International Container Terminal (NSICT)
PSA - SICAL	PSA SICAL Terminals
VCTPL	Visakha Container Terminal
NMPT	New Mangalore Port Trust Terminal

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Annexure – CFS – Pan India

List of CFS name used in CFS Performance Index

1	A L Logistics CFS	Haldia
2	LCL Freight Solutions	Haldia
3	Allcargo Logistics CFS	Kolkata
4	Phonex CFS	Kolkata
5	Balmer Lawrie CFS	Kolkata
6	Century Plyboards CFS, Sonai	Kolkata
7	Century Plyboards CFS, JJP	Kolkata
8	VCT CFS	Visakhapatnam
9	SICAL CFS	Visakhapatnam
10	Gateway East India CFS	Visakhapatnam
11	VPL Integral CFS	Visakhapatnam
12	Sravan CFS-1	Visakhapatnam
13	Continental Warehousing Corporation CFS (Nhava Seva), Chennai	Chennai
14	Adani CFS, Kattupalli Tiruvallur Tamil Nadu	Chennai
15	Sical CFS, Chennai Tiruvallur Tamil Nadu	Chennai
16	Triway CFS, Chennai	Chennai
17	Allcargo Global Logistics CFS, Chennai	Chennai
18	A S Shipping Agencies CFS, Tiruvallur	Chennai
19	Gateway Distriparks CFS, Chennai	Chennai
20	Continental Warehousing Corporation CFS (Nhava Seva), Tiruvallur	Chennai
21	Balmer Lawrie CFS, Chennai	Chennai
22	Ennore Cargo Container Terminal CFS, Chennai	Chennai
23	Kailash Shipping Services CFS, Chennai	Chennai
24	Concor CFS, Chennai	Chennai
25	Sattva Hi-Tech And Conware CFS, Chennai	Chennai
26	Glovis India CFS, Kanchipuram	Chennai
27	Kerry Indev Logistics ICD, Kanchipuram	Chennai
28	Sattva Cfs And Logistics CFS, Chennai	Chennai
29	Sanco Trans CFS, Chennai	Chennai
30	Apm Terminals India CFS, Tiruvallur	Chennai
31	MIV CFS	Kochi
32	GDKL CFS	Kochi
33	Seabird CFS, Krishnapatnam	Krishnapatnam
34	Raja Agencies CFS	Tuticorin
35	St. John Freight Systems Ltd. - ICD Division	Tuticorin
36	Prompt Terminals (P) Ltd	Tuticorin
37	ALS Tuticorin Terminal Private Limited	Tuticorin
38	Continental Warehousing Corporation Nhava Sheva Ltd.	Tuticorin
39	Hari CFS	Tuticorin
40	Chola Logistiks Pvt Ltd	Tuticorin
41	Honey Comb CFS, Mundra	Gujarat
42	Saurashtra CFS, Mundra	Gujarat
43	Ashutosh CFS, Mundra	Gujarat
44	TG Terminals CFS, Mundra	Gujarat
45	Seabird CFS, Mundra	Gujarat
46	Mundhra CFS, Mundra	Gujarat
47	MICT CFS, Mundra	Gujarat
48	Hind Mundra Terminals CFS, Mundra	Gujarat
49	Transworld CFS, Mundra	Gujarat
50	Adani CFS, Hazira	Gujarat
51	AllCargo CFS, Mundra	Gujarat
52	Adani CFS Eximyard, Mundra	Gujarat
53	Landmark CFS, Mundra	Gujarat
54	Seabird CFS, Hazira	Gujarat
55	Transindia Logistics Park, Navi Mumbai	Mumbai
56	Speedy Multimode CFS, JNPT	Mumbai
57	International Cargo Terminals (ULA) CFS, Navi Mumbai	Mumbai
58	Ashte Logistics CFS, Panvel	Mumbai
59	EFC Logistics India	Mumbai
60	Indev Logistics CFS, Panvel	Mumbai
61	International Cargo Terminal CFS	Mumbai
62	Maersk Annex (APM)CFS, Navi Mumbai	Mumbai
63	Balmer & Lawrie CFS, Navi Mumbai	Mumbai
64	Vaishno Logistics CFS, Navi Mumbai	Mumbai
65	Gateway Distriparks CFS, Navi Mumbai	Mumbai
66	Navkar Corporation Yard 3 CFS, Panvel	Mumbai
67	CWC Hind Terminal CFS, Navi Mumbai	Mumbai
68	APM (Maersk India) CFS, Navi Mumbai	Mumbai
69	Seabird CFS, Navi Mumbai	Mumbai
70	Punjab Conware CFS, Navi Mumbai	Mumbai
71	Apollo Logisolutions CFS, Panvel	Mumbai
72	JWR CFS	Mumbai
73	Sarveshwar CFS	Mumbai
74	Continental Warehousing CFS, Navi Mumbai	Mumbai
75	JWC Logistics Park CFS	Mumbai
76	Navkar Corporation Yard 2 CFS, Panvel	Mumbai
77	TG Terminals CFS	Mumbai
78	Navkar Corporation Yard 1 CFS, Panvel	Mumbai
79	Ameya Logistics CFS, Navi Mumbai	Mumbai
80	Take Care Logistics CFS	Mumbai
81	Ocean Gate CFS, Panvel	Mumbai
82	Dronagiri Rail Terminal CFS, Navi Mumbai	Mumbai

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Annexure – Western Region

List of CFS name used in CFS Performance Index

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

List of ICD name used in ICD Performance Index

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	CONCOR ICD, Aurangabad
8	CONCOR ICD, Dadri
9	CONCOR Kanakpura ICD, Jaipur
10	CONCOR Mulund ICD, Mumbai
11	CONCOR Tughlakabad ICD, New Delhi
12	Gateway Rail Freight ICD, Gurgaon
13	GatewayRail Freight ICD, Pyala
14	Hind Terminals Logistics Park ICD, Palwal

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Annexure – Southern & Eastern Region

List of CFS name used in Southern CFS Performance Index

1	Allcargo Global Logistics CFS, Chennai
2	Seabird CFS, Krishnapatnam
3	Sical CFS, Chennai Tiruvallur Tamil Nadu
4	Sattva Hi-Tech And Conware CFS, Chennai
5	Gateway Distriparks CFS, Chennai
6	Adani CFS, Kattupalli Tiruvallur Tamil Nadu
7	Glovis India CFS, Kanchipuram
8	Ennore Cargo Container Terminal CFS, Chennai
9	Kerry Indev Logistics ICD, Kanchipuram
10	Continental Warehousing Corporation CFS (Nhava Seva), Chennai
11	ALS Tuticorin Terminal Private Limited
12	Continental Warehousing Corporation CFS (Nhava Seva), Tiruvallur
13	St. John Freight Systems Ltd. - ICD Division
14	Balmer Lawrie CFS, Chennai
15	Concor CFS, Chennai
16	Kailash Shipping Services CFS, Chennai
17	A S Shipping Agencies CFS, Tiruvallur
18	MIV CFS
19	Continental Warehousing Corporation Nhava Sheva Ltd.
20	Prompt Terminals (P) Ltd
21	Raja Agencies CFS
22	GDKL CFS
23	Triway CFS, Chennai
24	Hari CFS
25	Apm Terminals India CFS, Tiruvallur
26	Sanco Trans CFS, Chennai
27	Sattva Cfs And Logistics CFS, Chennai
28	Chola Logistiks Pvt Ltd

List of CFS name used in Eastern CFS Performance Index

1	Century Plyboards CFS, JJP
2	Phonex CFS
3	Gateway East India CFS
4	Allcargo Logistics CFS
5	Balmer Lawrie CFS
6	Sravan CFS-1
7	Century Plyboards CFS, Sonai
8	A L Logistics CFS
9	VCT CFS
10	LCL Freight Solutions
11	VPL Integral CFS
12	SICAL CFS

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