Logistics Databank Analytics Report- June 2020

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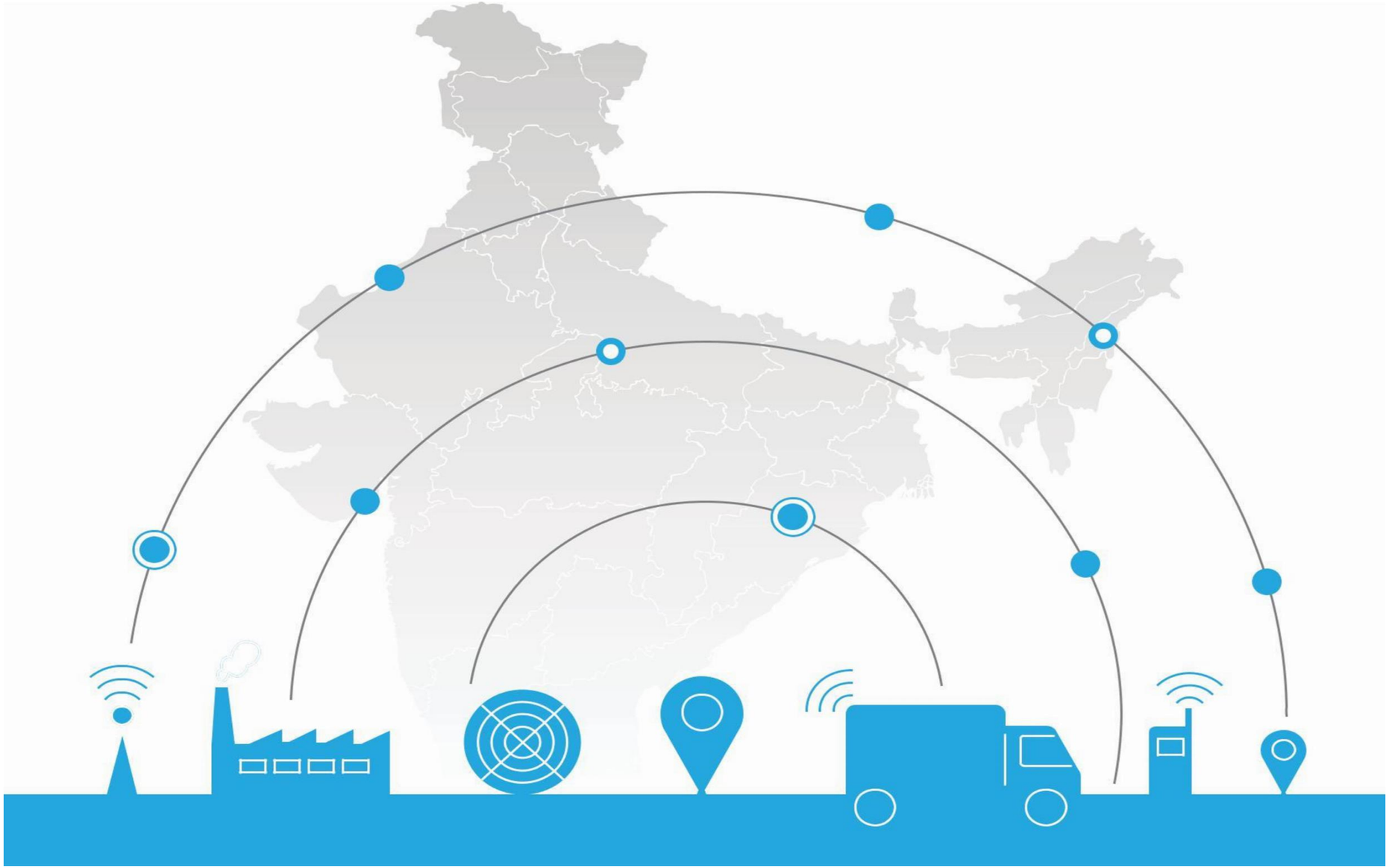

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Section **One**

Report Inference

This sections depicts the inference and major highlights of the report

1. Pan India Performance
2. Port Dwell Time Performance – Corridor & Terminal wise Performance
3. Critical Incident Summary
4. Pan India - Port Performance Benchmarking & Performance Index
5. Pan India - CFS Performance Benchmarking & Performance Index
6. Region wise segmentation, Western Region ICD performance and region-wise CFS performance
7. 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: June 2020 (Dwell Time)

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Gujarat Region

Import	Export
30.8 hrs	115.8 hrs

Mumbai Region

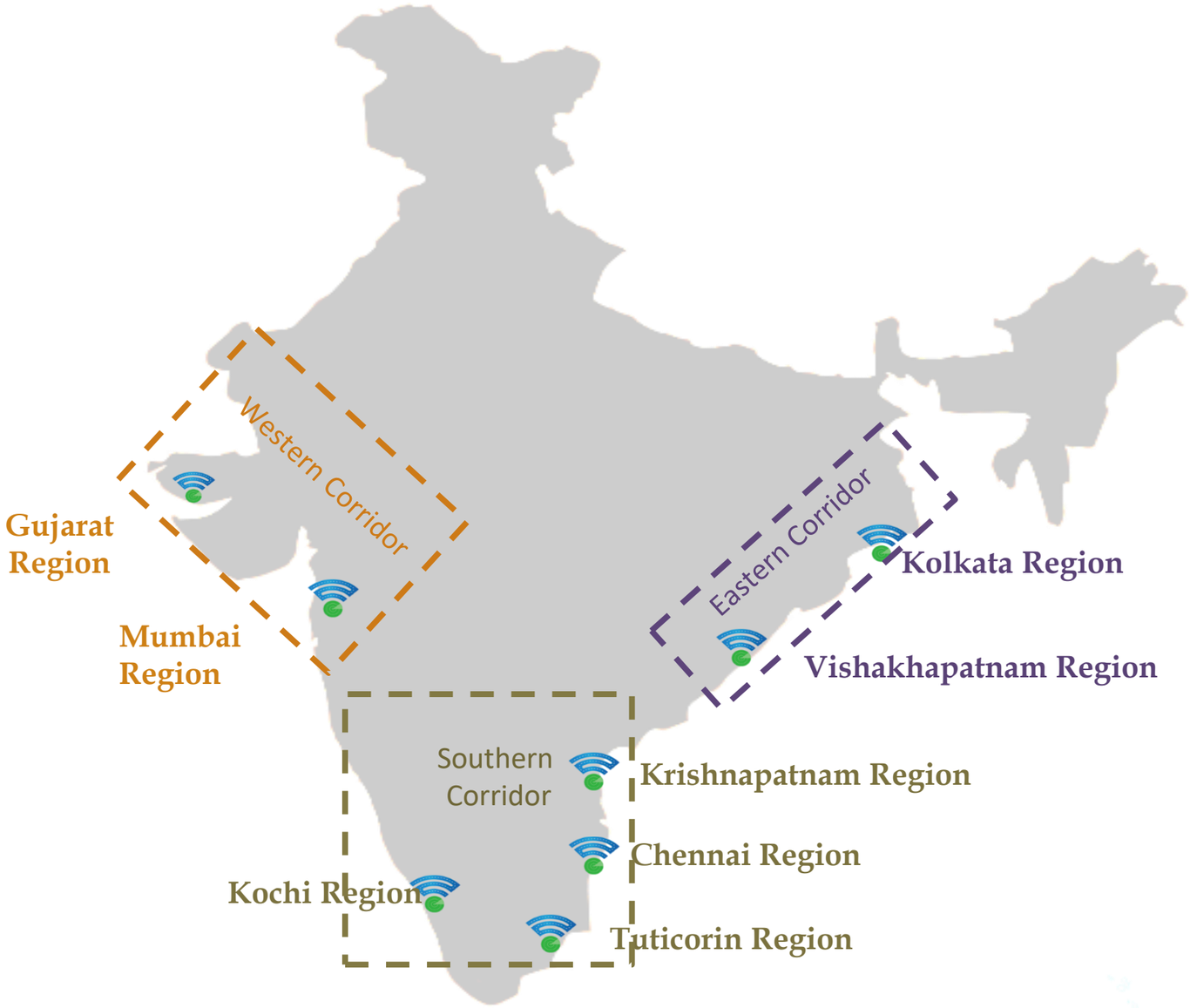
Import	Export
37.6 hrs	68.8 hrs

Kochi Region

Import	Export
36.1 hrs	91.4 hrs

Tuticorin Region

Import	Export
19.6 hrs	65.2 hrs



Kolkata Region

Import	Export
74.9 hrs	126.4 hrs

Vishakhapatnam Region

Import	Export
61.2 hrs	104.9 hrs

Krishnapatnam Region

Import	Export
89.2 hrs	62.6 hrs

Chennai Region

Import	Export
46.2 hrs	96.3 hrs

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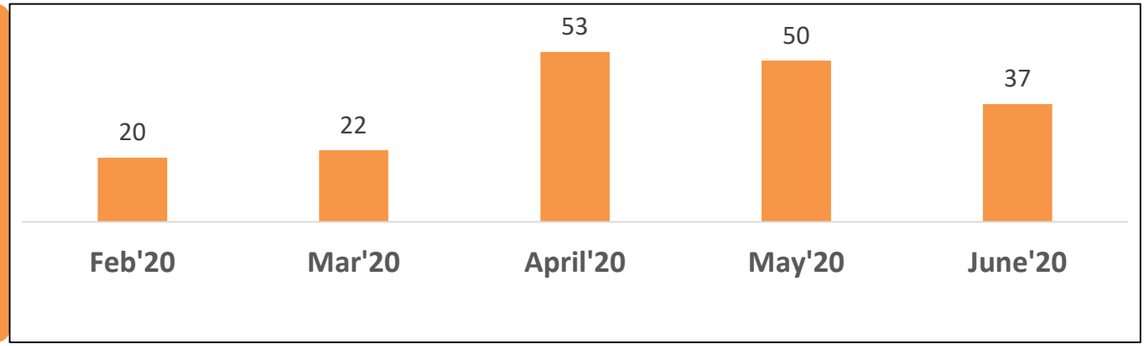
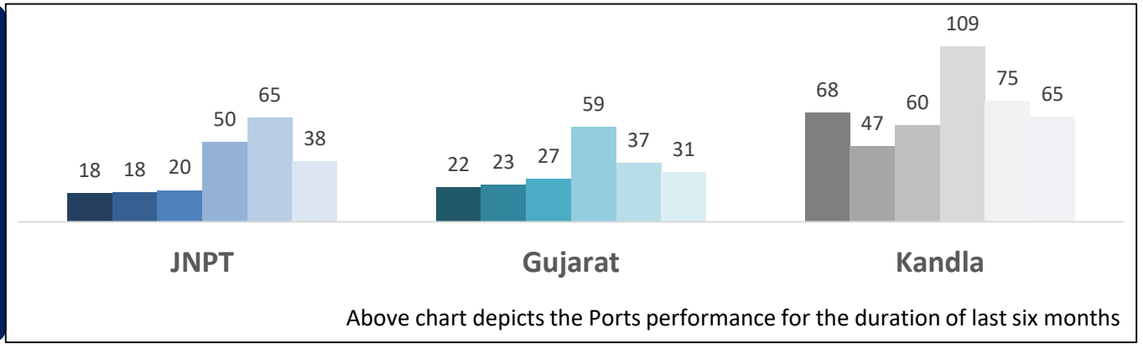
Port Dwell Time Performance – Western Corridor (Import Cycle)

Import Cycle – Dwell Time Performance – Western Corridor (in hrs)

Western Corridor

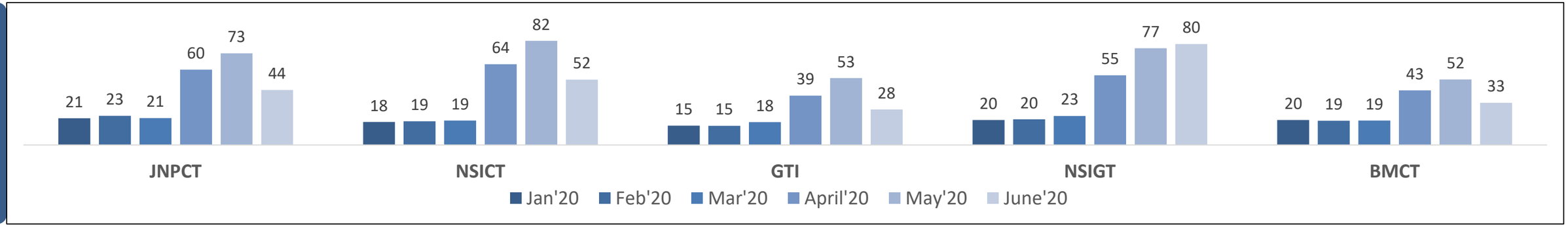


Port - Wise

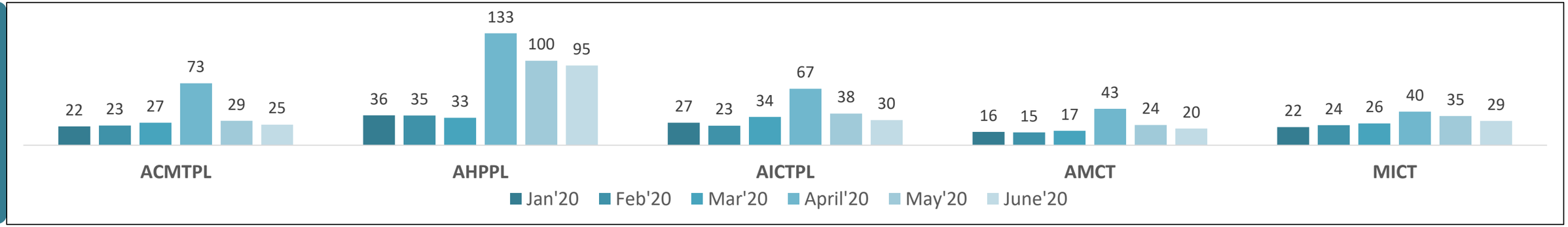


Above chart depicts the Ports performance for the duration of last six months

JNPT - Terminal



Gujarat - Terminal



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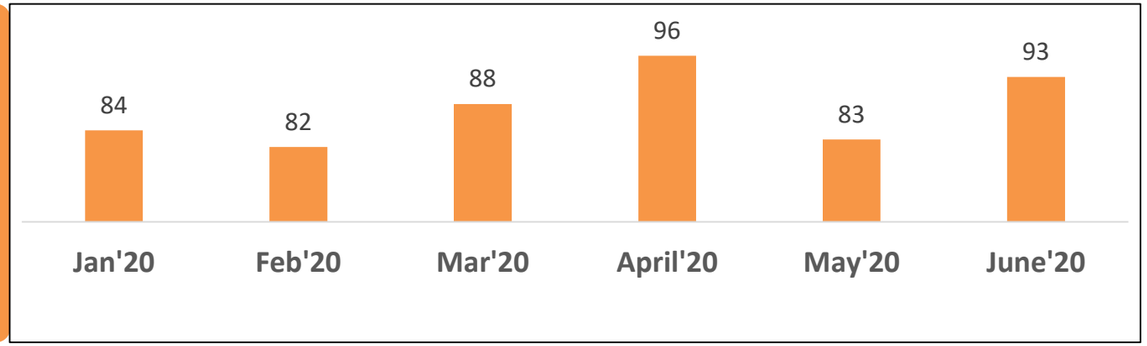
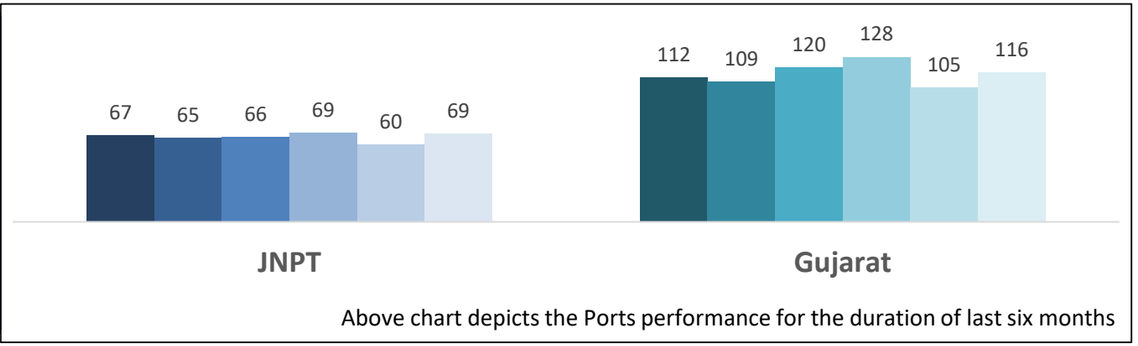
Port Dwell Time Performance – Western Corridor (Export Cycle)

Export Cycle – Dwell Time Performance – Western Corridor (in hrs)

Western Corridor



Port - Wise



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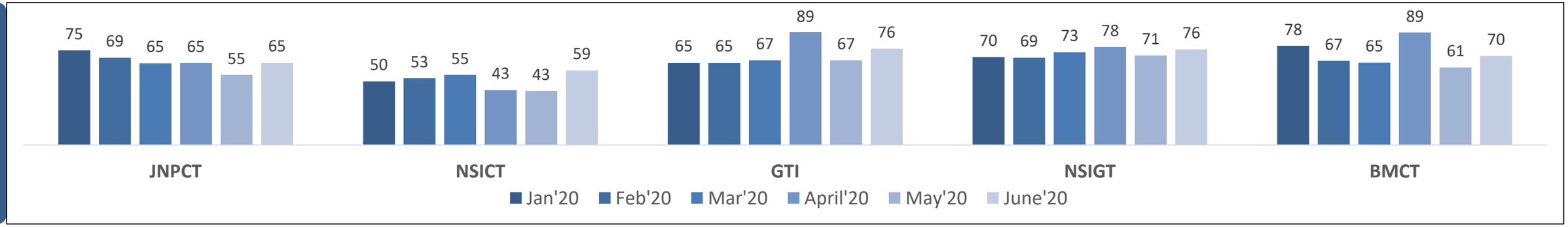
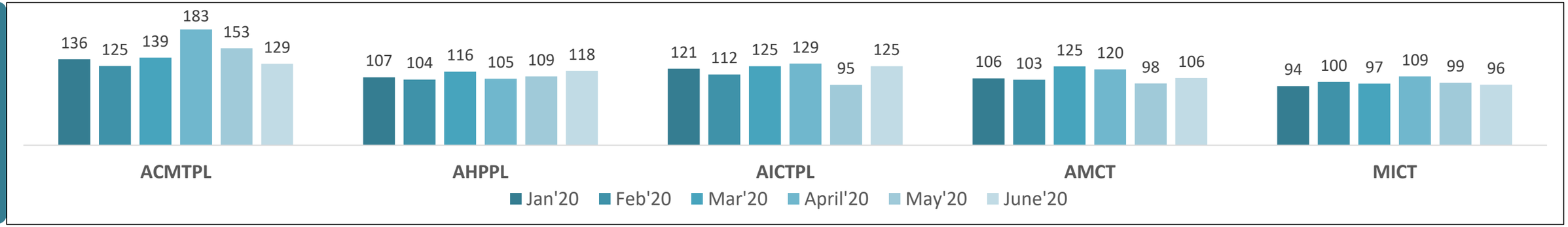


Gujarat - Terminal



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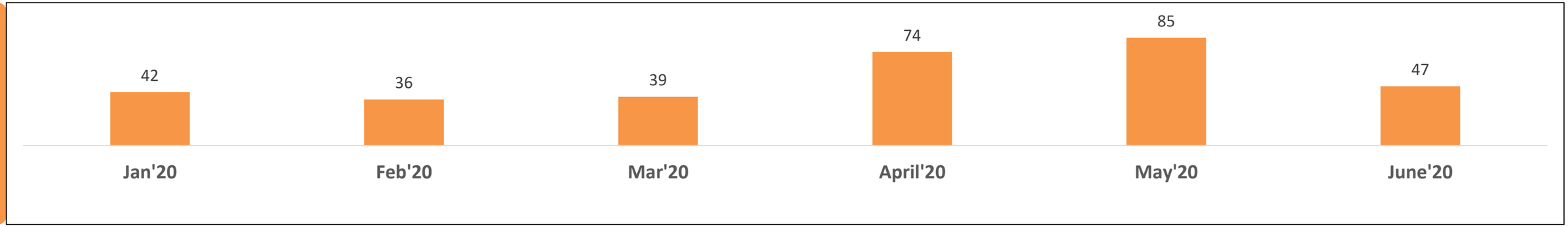
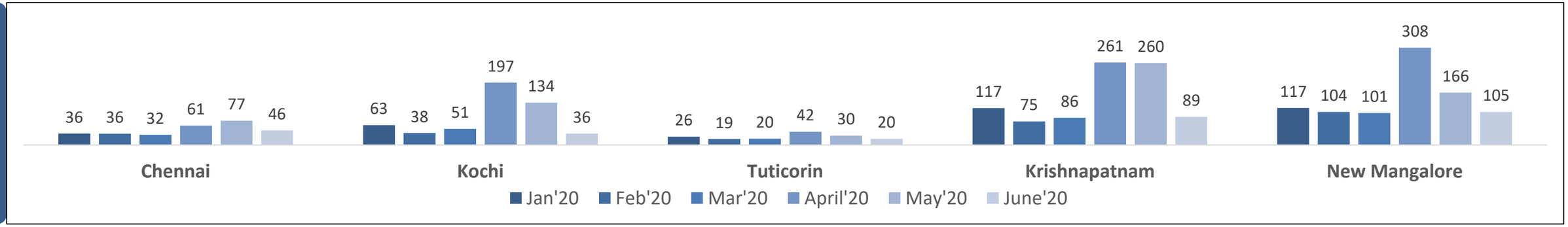
Port Dwell Time Performance – Southern Corridor (Import Cycle)

Import Cycle – Dwell Time Performance – Southern Corridor (in hrs)

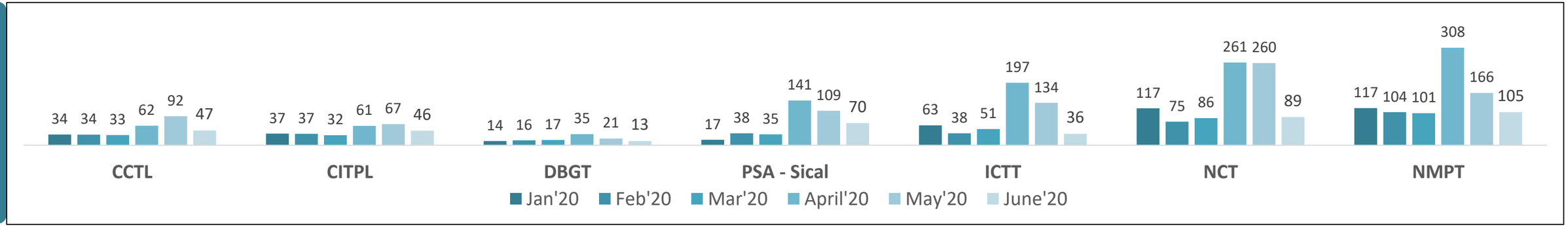
Southern Corridor



Port - Wise



Terminal - Wise



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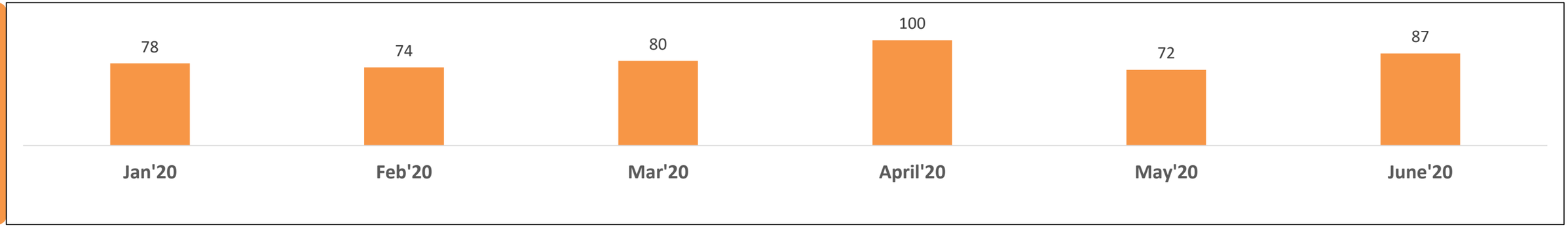
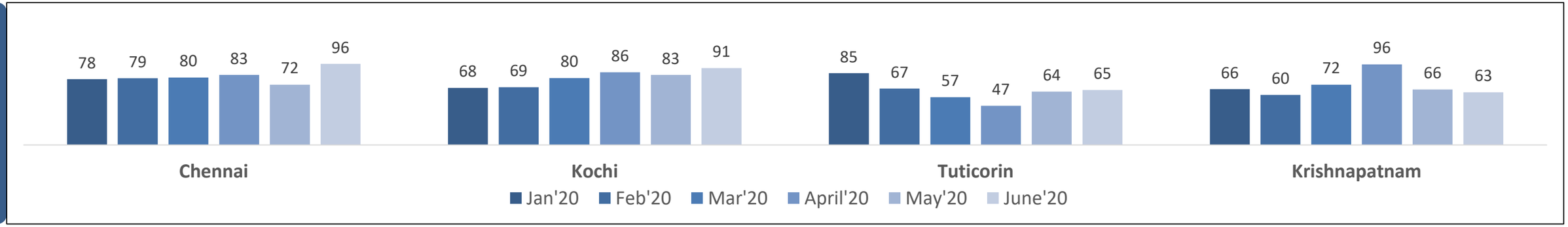
Port Dwell Time Performance – Southern Corridor (Export Cycle)

Export Cycle – Dwell Time Performance – Southern Corridor (in hrs)

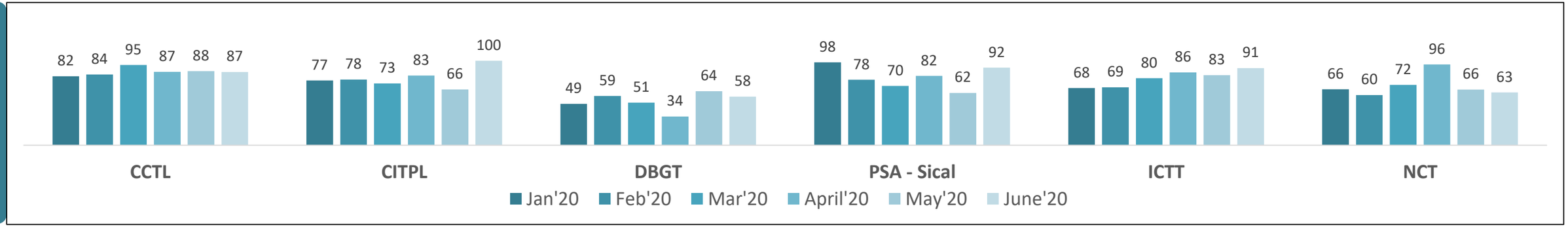
Southern Corridor



Port - Wise



Terminal - Wise



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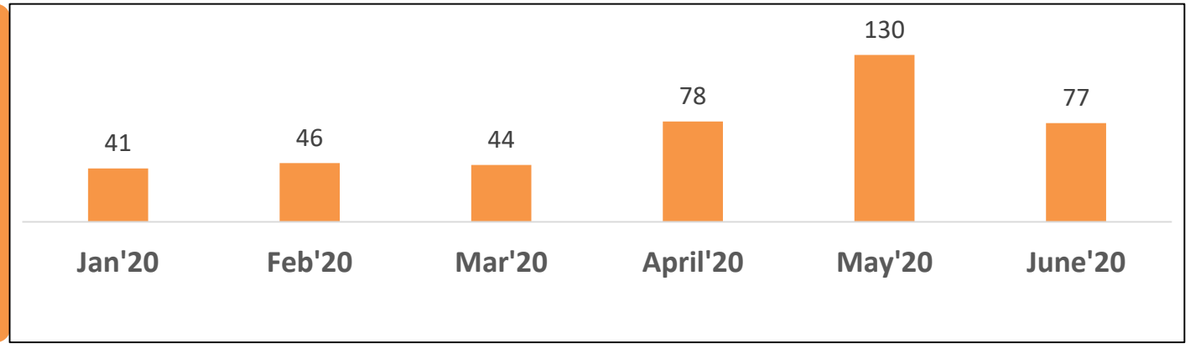
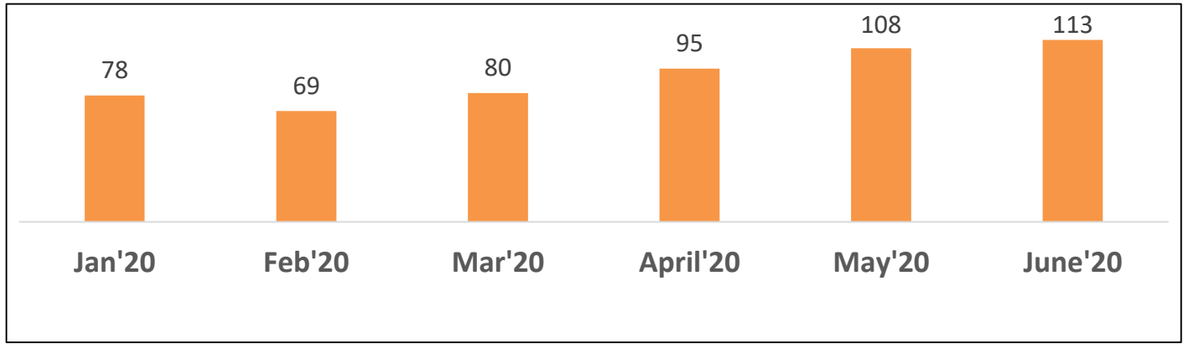
Port Dwell Time Performance – Eastern Corridor

Import Cycle (in hrs)

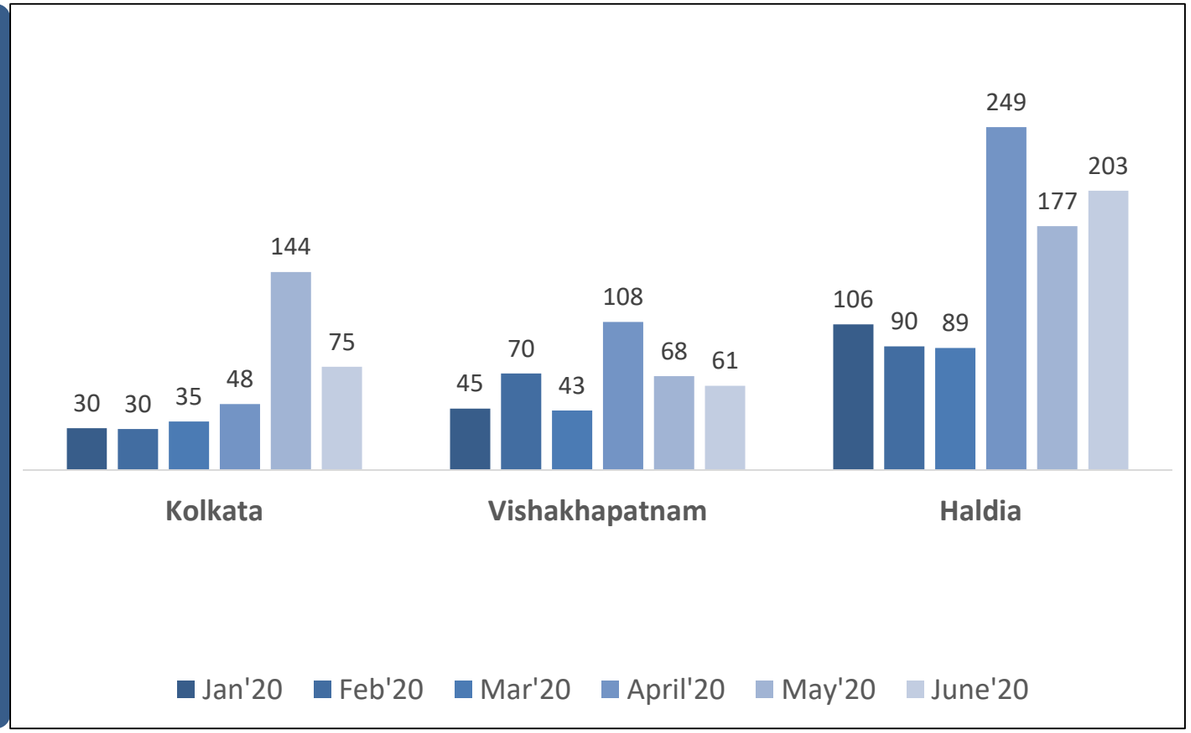
Eastern Corridor

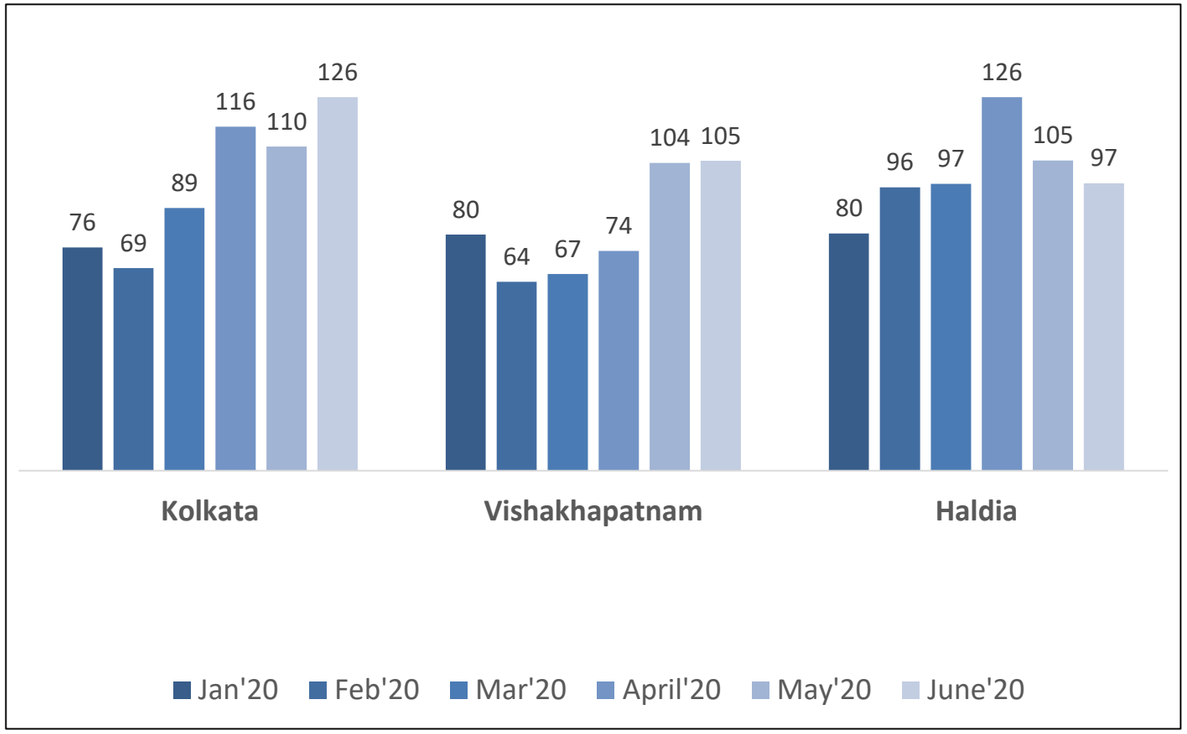


Export Cycle (in hrs)



Port - Wise





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Critical Incident Summary

Western Corridor

- The Overall container handling performance in Western Corridor in Import Cycle has improved by 27% whereas container handling in export cycle has deteriorated by 12%
- The container handling performance at CFS has deteriorated by 1.3% whereas container handling performance at ICD has improved by 2% respectively.

Month	Import cycle – Dwell Time	Export cycle – Dwell Time	CFS Dwell Time	ICD Dwell Time
June'20	36.6 hrs	92.5 hrs	95.7 hrs	140.1 hrs
May'20	50.1 hrs	82.8 hrs	94.5 hrs	143.3 hrs

Southern Corridor

- The Overall container handling performance in Southern Corridor in Import Cycle has improved by 45% whereas container handling in export cycle has deteriorated by 22%
- The container handling performance at CFS has deteriorated by 5%

Month	Import cycle – Dwell Time	Export cycle – Dwell Time	CFS Dwell Time
June'20	46.8 hrs	87.2 hrs	112.8 hrs
May'20	85.0 hrs	71.6 hrs	107.5 hrs

Eastern Corridor

- The Overall container handling performance in Eastern Corridor in Import Cycle has improved by 41% whereas container handling in export cycle has deteriorated by 5%
- The container handling performance at CFS has improved by 1%

Month	Import Cycle – Dwell Time	Export Cycle – Dwell Time	CFS Dwell Time
June'20	76.6 hrs	113.0 hrs	139.1 hrs
May'20	129.5 hrs	107.8 hrs	141.0 hrs

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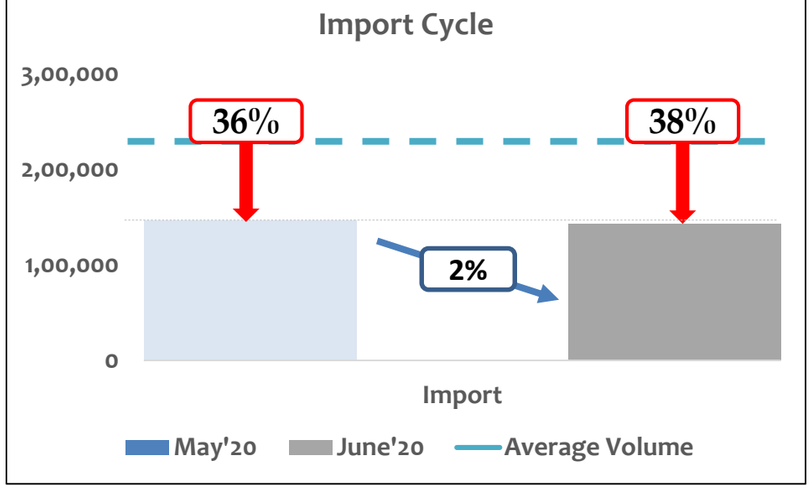
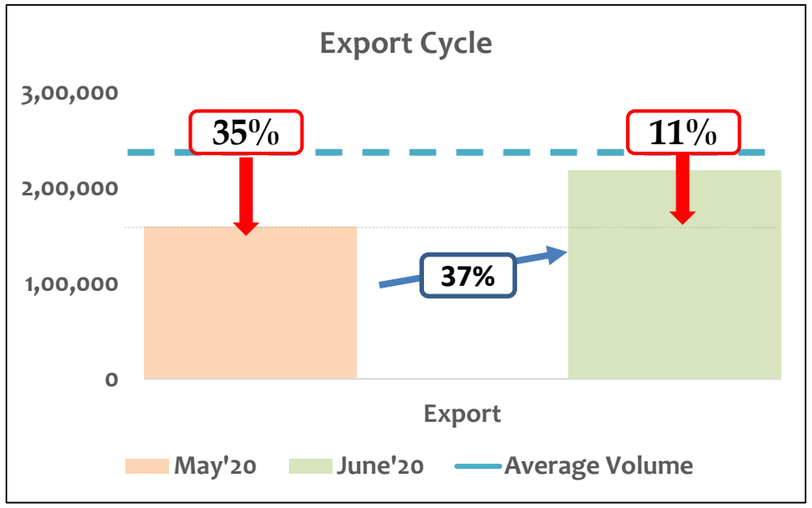
Covid-19 Impact (1/2)

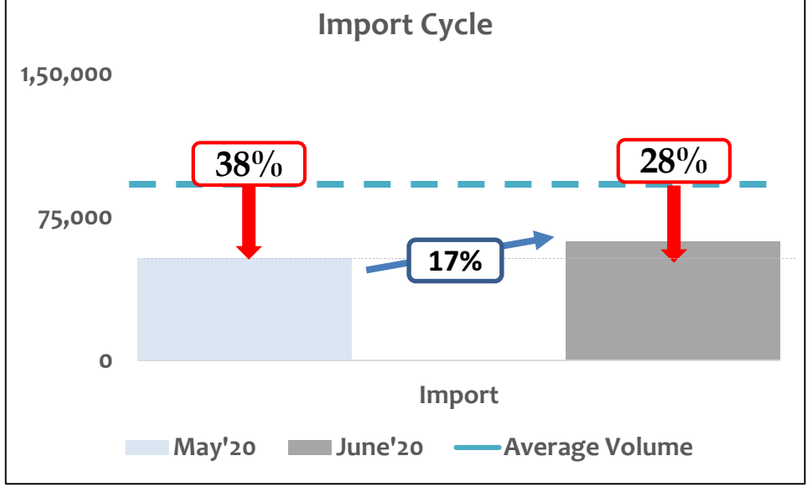
Below graphs depicts the change in volume percentage during the month of June'20 w.r.t the last month i.e., May'20 (during Covid 19) and the average EXIM corridor wise volume

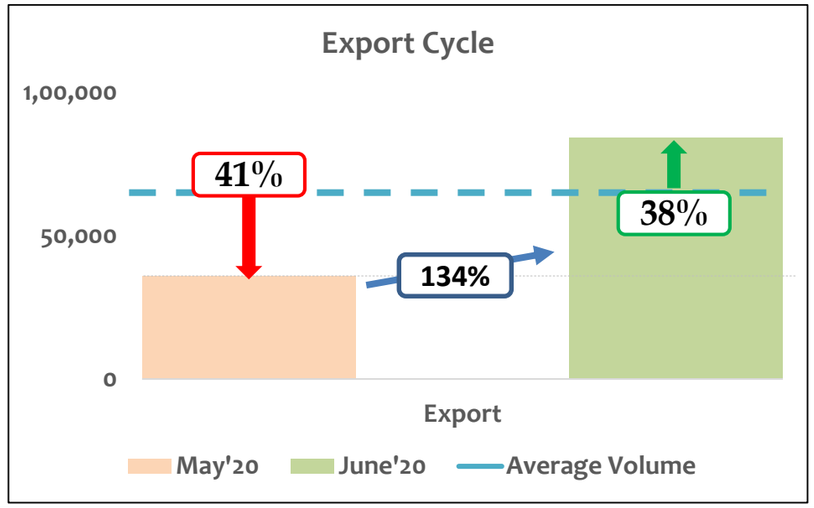
Western Corridor



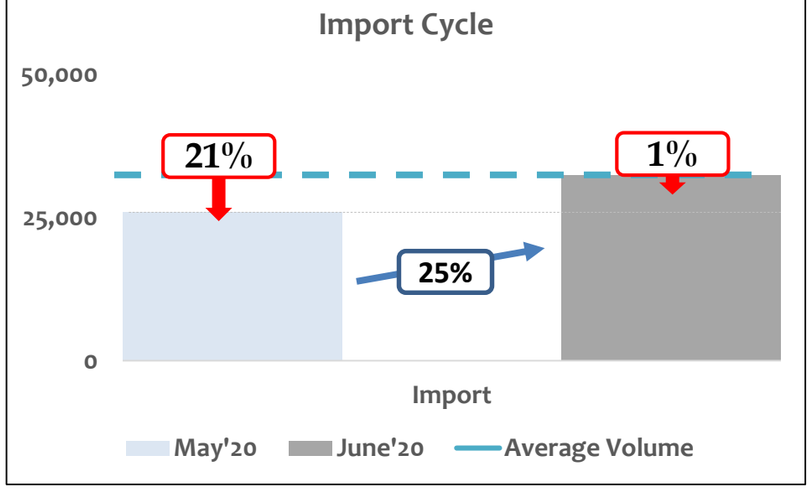


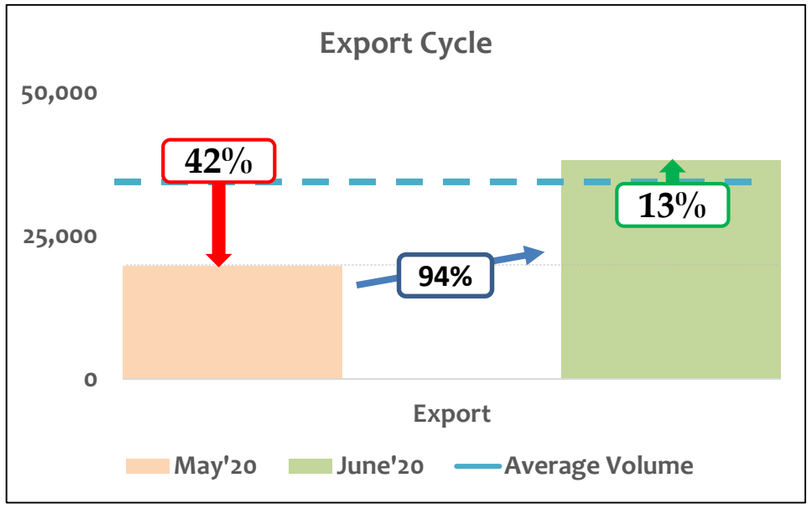
Southern Corridor





Eastern Corridor





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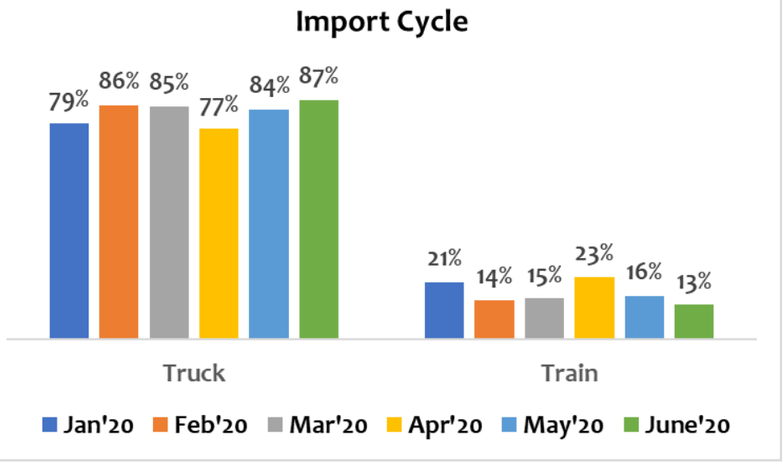
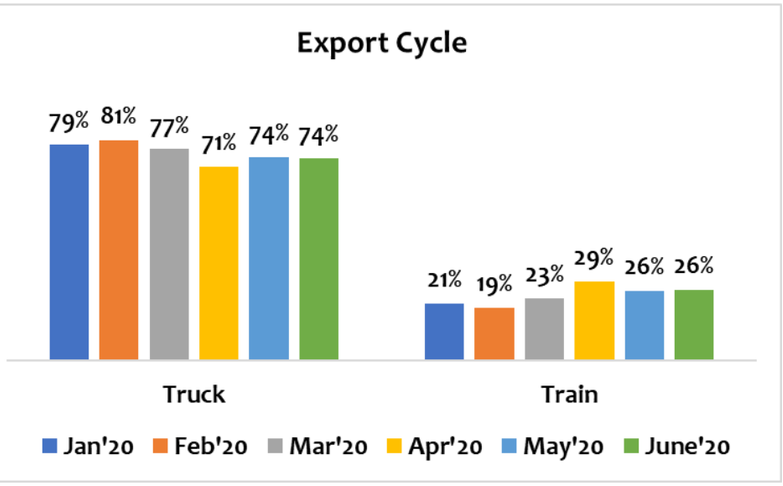
Covid-19 Impact (2/2)

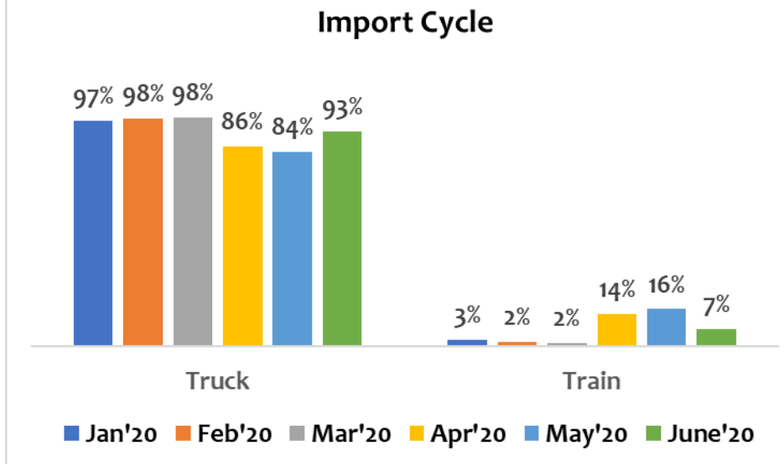
Below table depicts the volume % share of Truck & Train and impact of Covid-19 on the Traffic movements and the difficulty of road movements during the lockdown

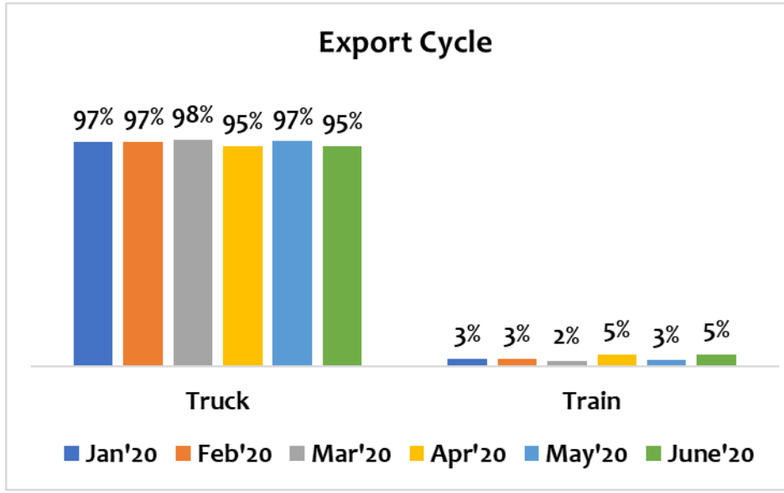
Western Corridor



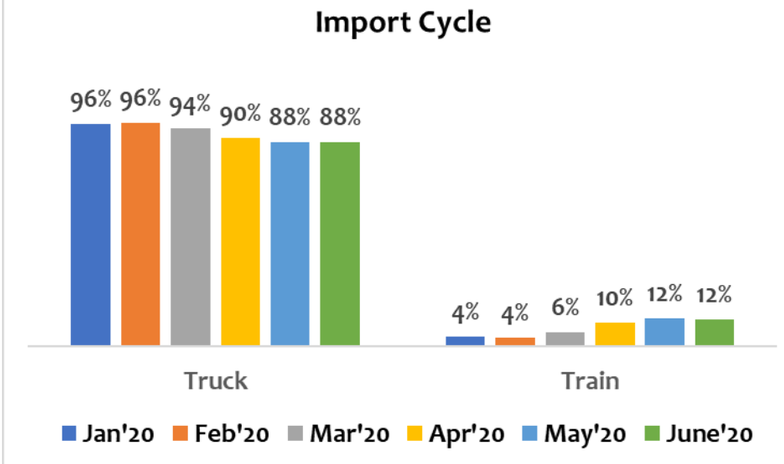


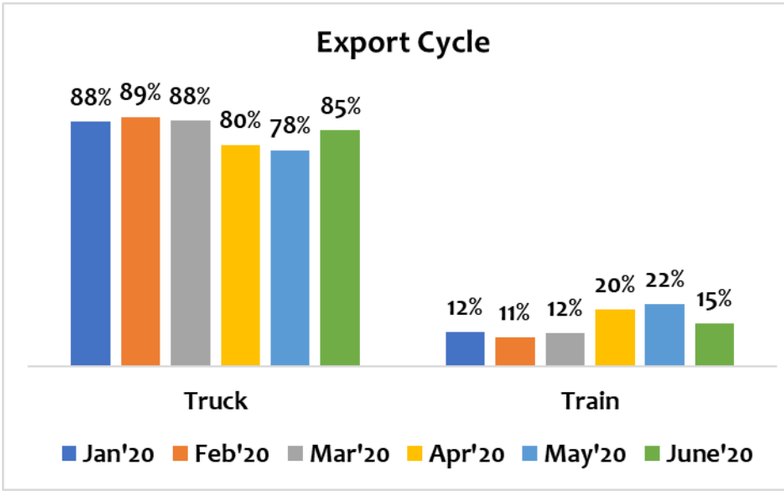
Southern Corridor





Eastern Corridor





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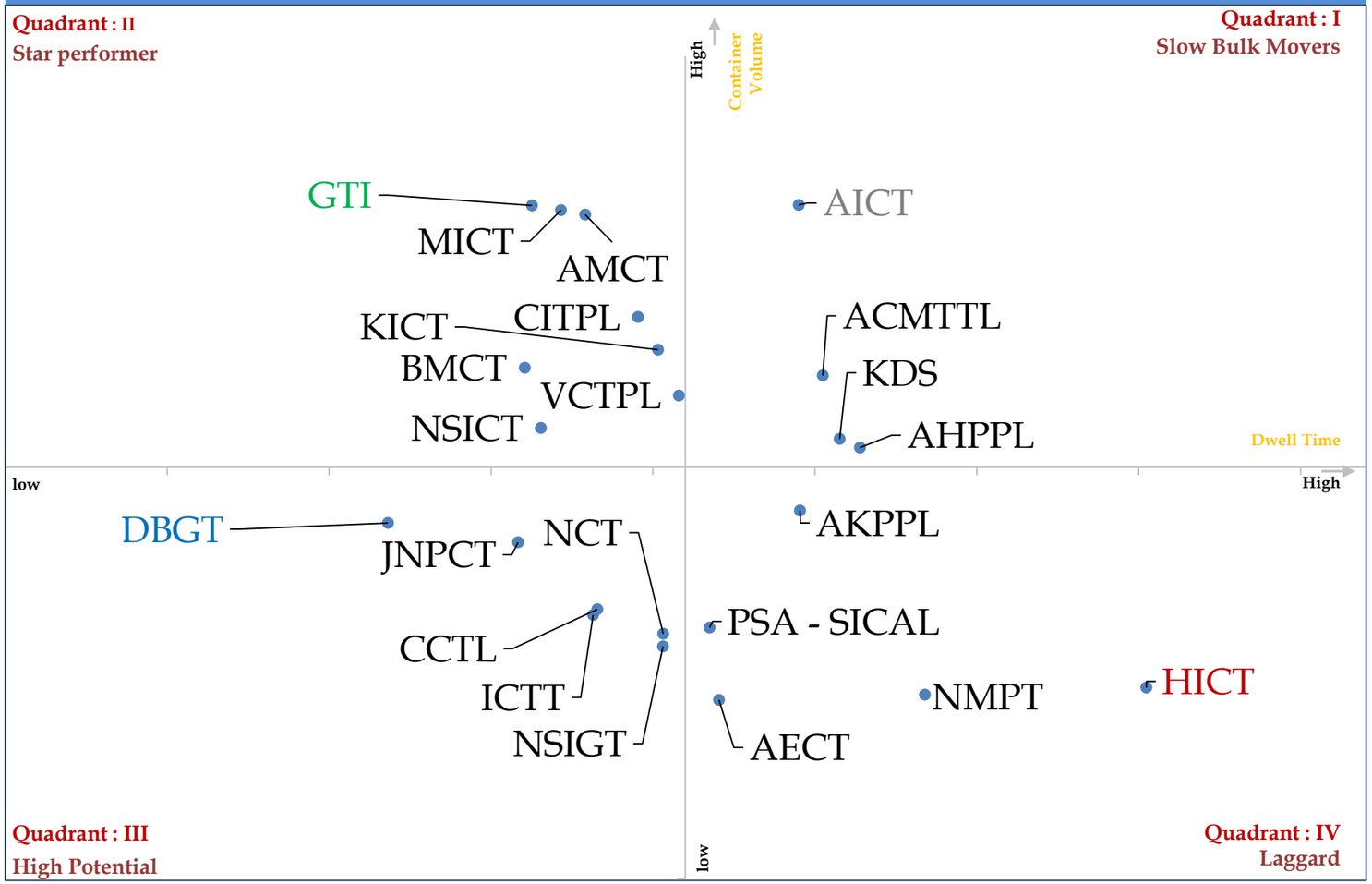
Pan India - Port Performance Benchmarking & Performance Index

Performance Benchmarking - Port Terminals

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

Port Terminal Performance Index – June'20



Due to low volume count in export cycle at Kandla & New Mangalore Port Terminal, hence only import volume has been considered in the analysis

Performance benchmarking for Port Terminals covered under LDB project for June'20

Top Performing Terminal

Gateway Terminals India (GTI)	
May'20	June'20
60.8 hrs	55.9 hrs ↑

Low Performing Terminal

Haldia International Container Terminal (HICT)	
May'20	June'20
152.9 hrs	156.3 hrs ↓

Note: The performance benchmarking is based on performance index

The arrows depict increase/decrease in overall performance of the stakeholders in comparison to May'20

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

Star Performer: consist of entities which have catered relatively high container volume in lower dwell time

Slow Bulk Movers : consist of entities which have catered higher container volume at higher dwell time

High Potential : consist of entities which have catered relatively lower container volume in lower dwell time

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

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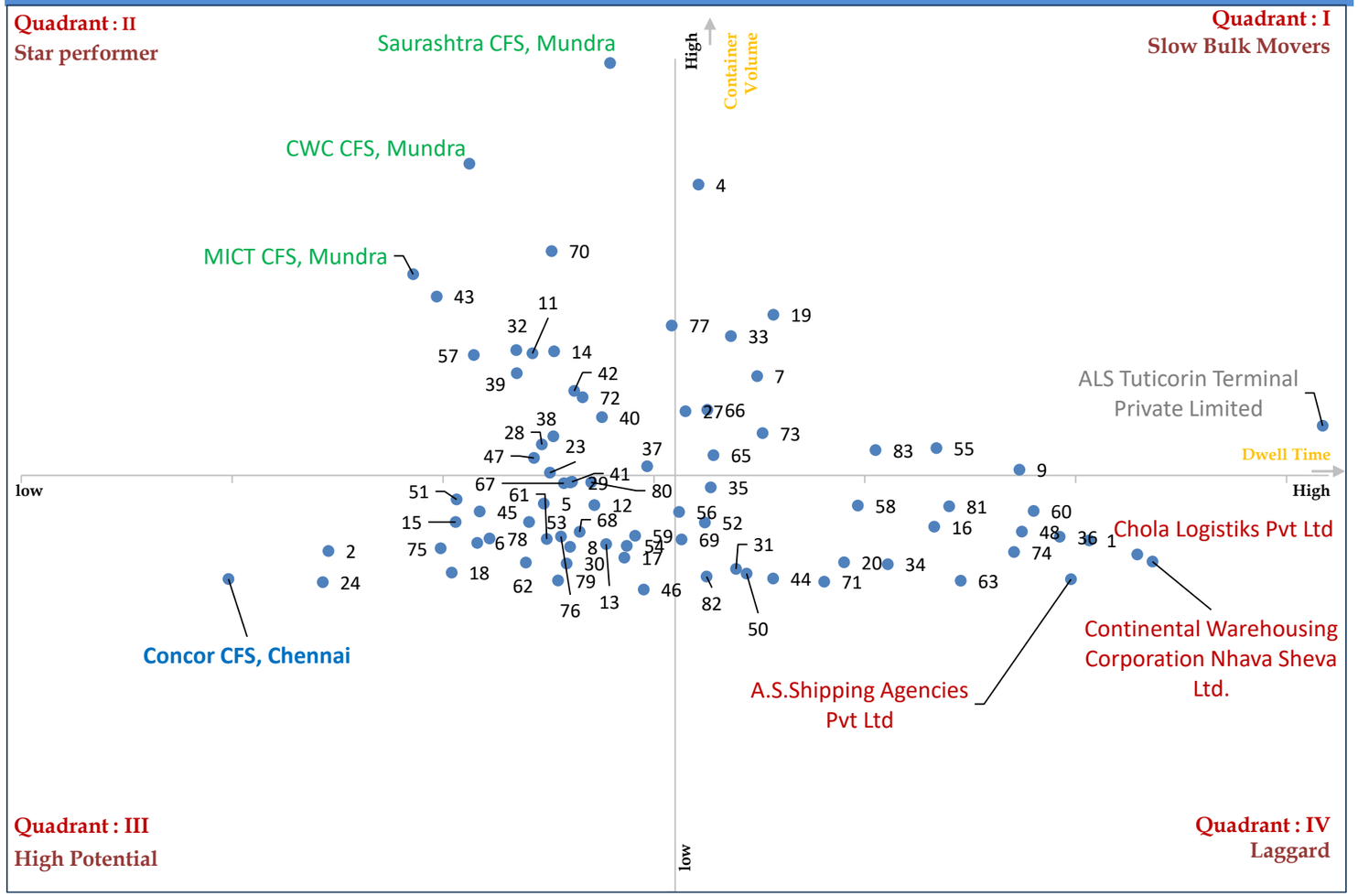
Pan India - CFS Performance Benchmarking & Performance Index

Performance Benchmarking - CFSs

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

CFS Terminal Performance Index – June'20



Performance benchmarking for CFSs covered under LDB project for June'20

Top Three Performing CFSs

CFS Name	May'20	June'20
MICT CFS, Hazira	88.6 hrs	72.4 hrs ↑
Saurashtra CFS, Mundra	101.4 hrs	102.5 hrs ↓
CWC CFS, Mundra	91.3 hra	81.0 hrs ↑

Bottom Three Performing CFSs

CFS Name	May'20	June'20
Chola Logistiks Pvt Ltd	208.3 hrs	183.4 hrs ↑
Continental Warehousing Corporation Nhava Sheva Ltd.	227.4 hrs	185.7 hrs ↑
A.S.Shipping Agencies Pvt Ltd	194.0 hrs	173.2 hrs ↑

Note: The performance benchmarking is based on performance index

↑↓ The arrows depict increase/decrease in overall performance of the stakeholders in comparison to May'20

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Container Transportation Performance - Western Corridor

Port Dwell Time

IMPORT

Mode	May'20 (in hrs)	June'20 (in hrs)
Overall	50.1	36.6
Truck	46.0	34.3
Train	64.8	48.2

EXPORT

Mode	May'20 (in hrs)	June'20 (in hrs)
Overall	82.8	92.5
Truck	81.7	85.7
Train	88.3	21.6

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

Inland Container Depot (ICD)

Container Freight Stations (CFS)

Entity	May'20 (in hrs)	June'20 (in hrs)
CFS	94.5	95.7
ICD	143.3	140.1

The marked entries showcase increase in performance in comparison to May'20

The marked entries showcase decrease in performance in comparison to May'20

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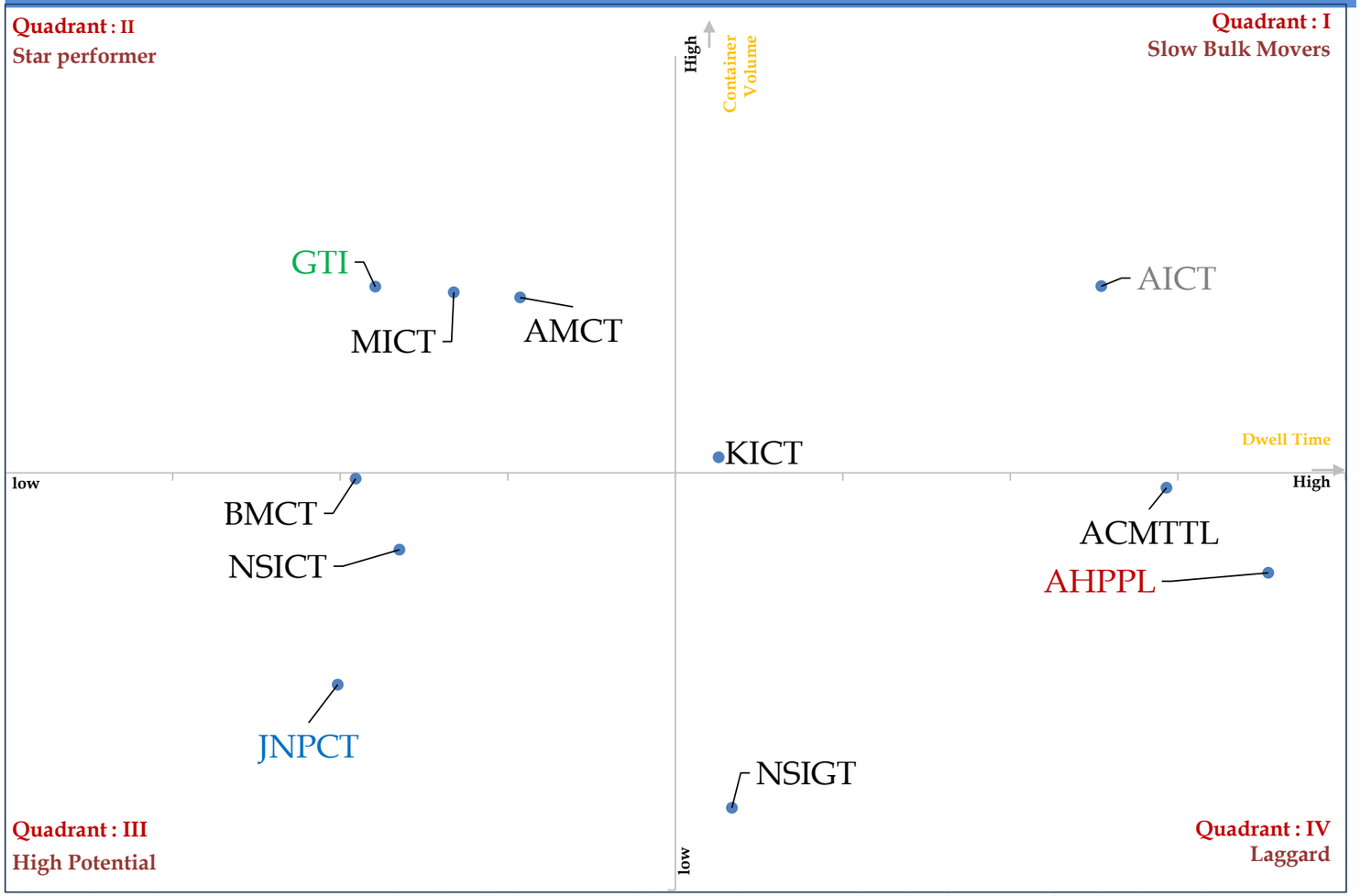
Port Performance Benchmarking & Performance Index - Western Corridor

Performance Benchmarking - Port Terminals

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

Port Terminal Performance Index – June'20



Due to low volume count in export cycle at Kandla Port Terminal, hence only import volume has been considered in the analysis

Performance benchmarking for Port Terminals covered under LDB project for June'20

Top Performing Terminal	
Gateway Terminals India (GTI)	
May'20	June'20
60.8 hrs	55.9 hrs ↑

Low Performing Terminal	
Adani Hazira Port Private Limited (AHPPL)	
May'20	June'20
105.5 hrs	109.5 hrs ↓

Note: The performance benchmarking is based on performance index

The arrows depict increase/decrease in overall performance of the stakeholders in comparison to May'20

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/ICD Performance Benchmarking & Performance Index - Western Corridor

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Performance Benchmarking

CFS

Top Performing CFS	
CWC CFS, Mundra	
May'20	June'20
91.3 hrs	81.0 hrs ↑

Low Performing CFS	
Navkar Corporation Yard 2 CFS, Panvel	
May'20	June'20
103.8 hrs	117.1 hrs ↓

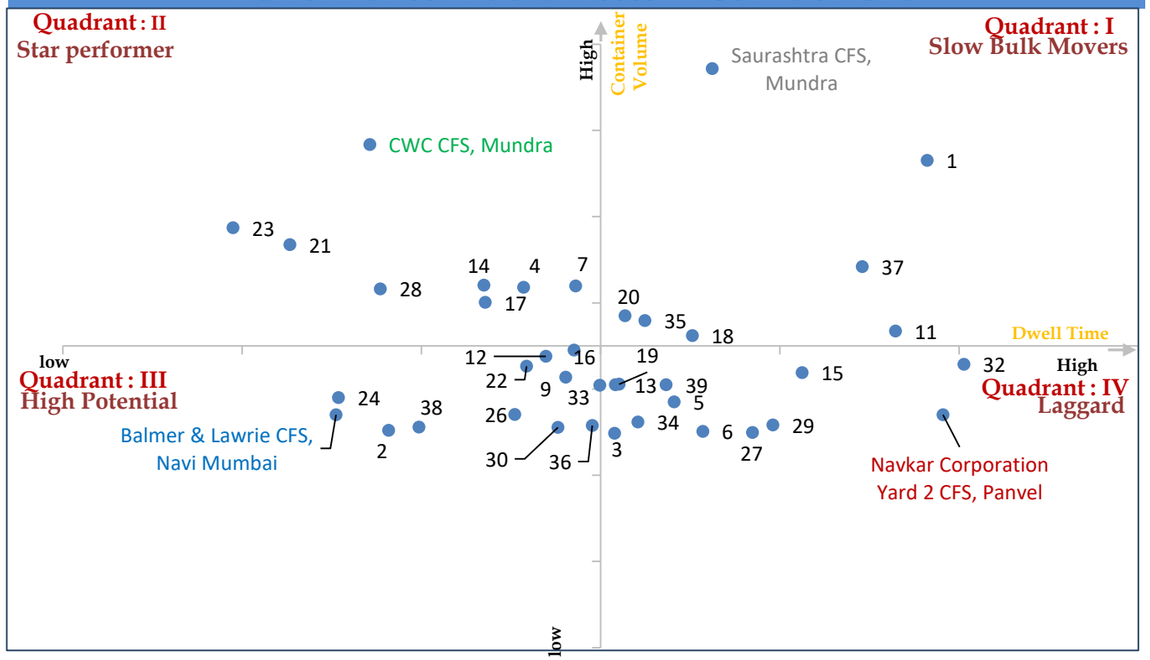
ICD

Top Performing ICD	
Albatross Inland Ports ICD, Dadri	
May'20	June'20
144.3 hrs	105.3 hrs ↑

Low Performing ICD	
GatewayRail Freight ICD, Pyala	
May'20	June'20
112.0 hrs	149.4 hrs ↓

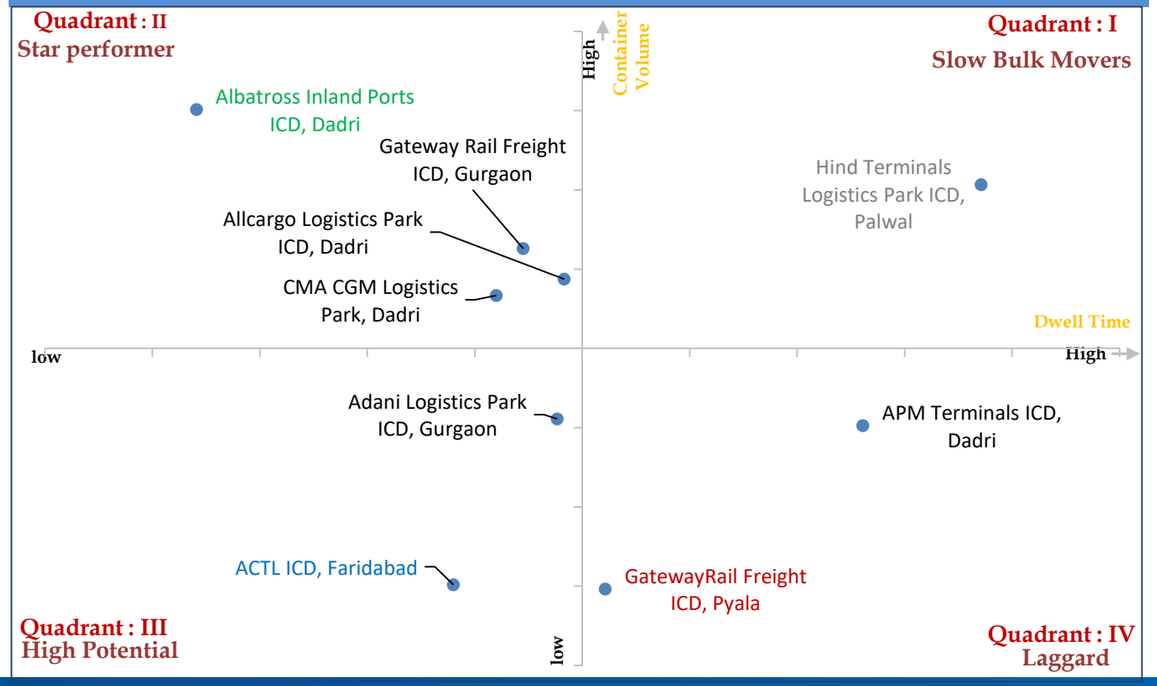
Note: The performance benchmarking is based on performance index
↑↓ The arrows depict increase/decrease in overall performance of the stakeholders as compared to May'20

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	May'20 (in hrs)	June'20 (in hrs)
Overall	85.0	46.8
Truck	68.7	46.5

EXPORT

Mode	May'20 (in hrs)	June'20 (in hrs)
Overall	71.6	87.2
Truck	69.2	87.0
Train	85.3	94.1

Container Freight Stations(CFS)– Dwell Time

Container Freight Stations

Entity	May'20 (in hrs)	June'20 (in hrs)
CFS	107.5	112.8

The marked entries showcase increase in performance in comparison to May'20

The marked entries showcase decrease in performance in comparison to May'20

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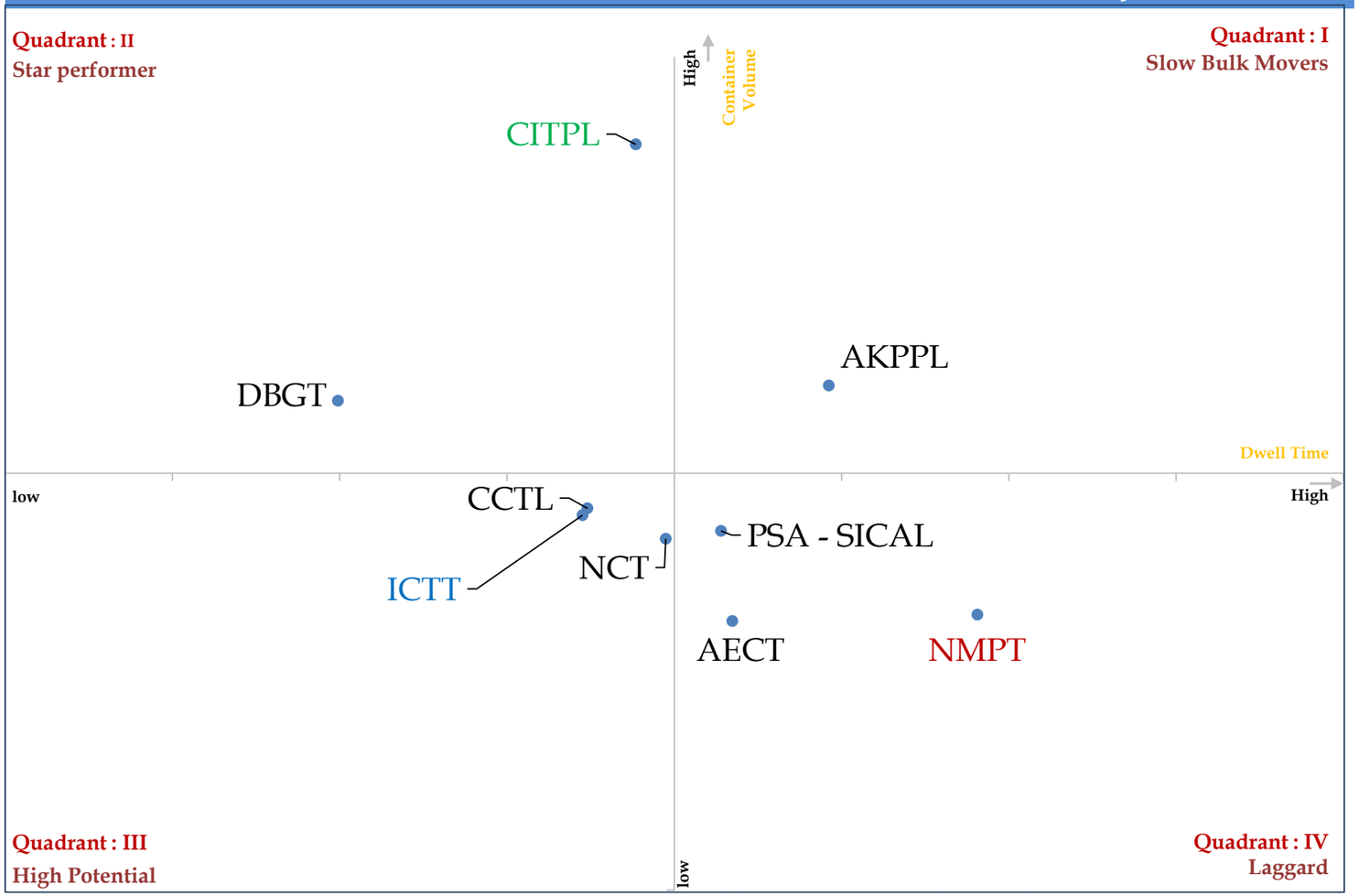
Port Performance Benchmarking & Performance Index - Southern Corridor

Performance Benchmarking - Port Terminals

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

Southern Corridor Port Terminal Performance Index – June'20



Due to low volume count in export cycle at New Mangalore Port Terminal, hence only import volume has been considered in the analysis

Performance benchmarking for Port Terminals covered under LDB project for June'20

Top Performing Terminal	
Chennai International Terminals Pvt Ltd (CITPL)	
May'20	June'20
66.7 hrs	73.2 hrs ↓

Low Performing Terminal	
New Mangalore Port Trust Terminal	
May'20	June'20
165.6 hrs	120.1 hrs ↑

Note: The performance benchmarking is based on performance index

The arrows depict increase/decrease in overall performance of the stakeholders in comparison to May'20

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

Star Performer: consist of entities which have catered relatively high container volume in lower dwell time

Slow Bulk Movers : consist of entities which have catered higher container volume at higher dwell time

High Potential : consist of entities which have catered relatively lower container volume in lower dwell time

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

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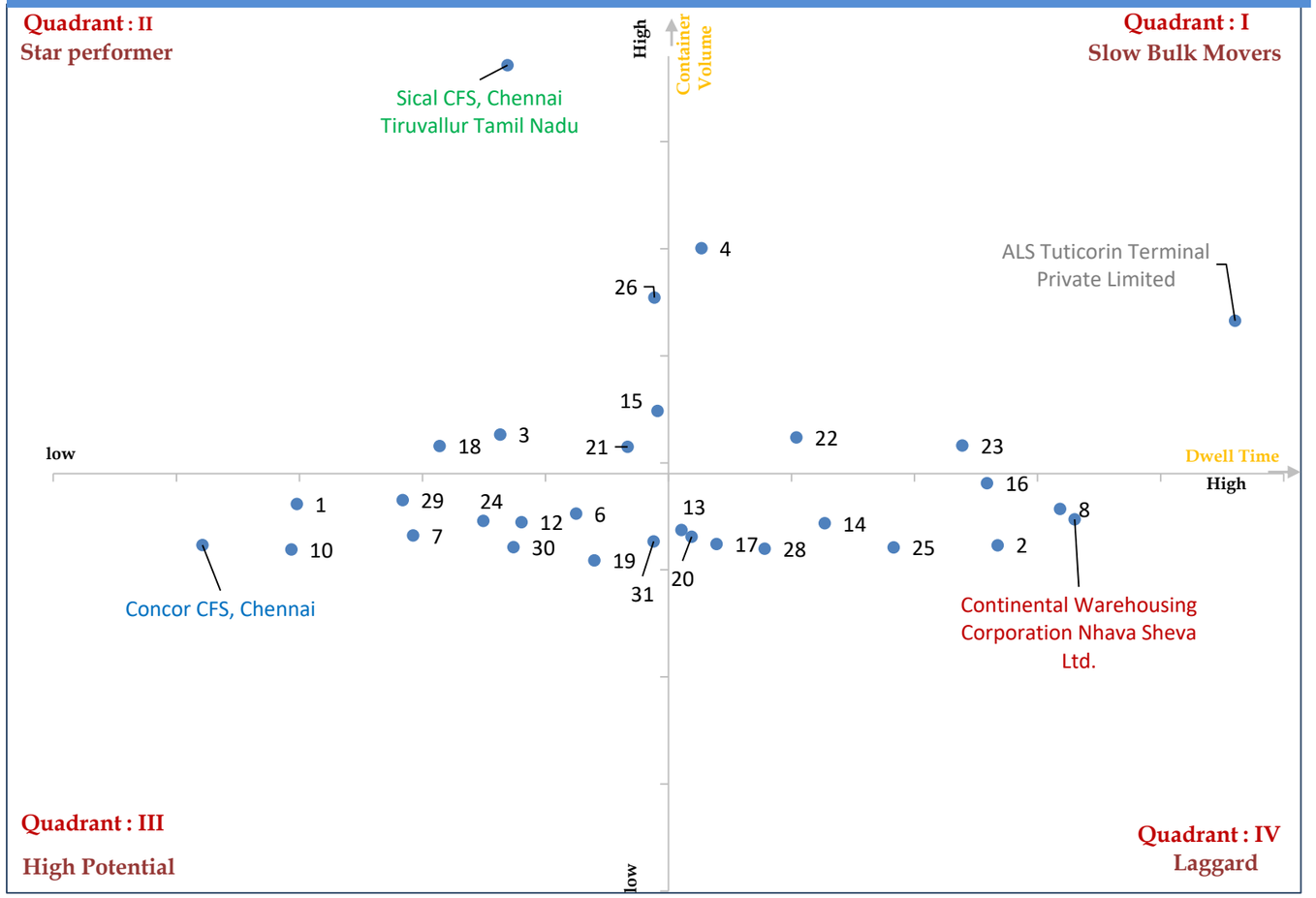
CFS Performance Benchmarking & Performance Index - Southern Corridor

Performance Benchmarking - CFS

Performance Index: Southern Corridor CFS



Performance benchmarking for CFS covered under LDB project in Southern Corridor for June'20

Top Performing Terminal	
Sical CFS, Chennai Tiruvallur Tamil Nadu	
May'20	June'20
88.8 hrs	93.6 hrs ↓

Low Performing Terminal	
Continental Warehousing Corporation Nhava Sheva Ltd.	
May'20	June'20
227.4 hrs	185.7 hrs ↑

Note: The performance benchmarking is based on performance index

The arrows depict increase/decrease in overall performance of the stakeholders in comparison to May'20

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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High Potential : consist of entities which have catered relatively lower container volume in lower dwell time

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

Kindly refer to Annexure section for the names of CFS

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Container Transportation Performance - Eastern Corridor

Port Dwell Time

IMPORT

Mode	May'20 (in hrs)	June'20 (in hrs)
Overall	129.5	76.6
Truck	122.7	69.7
Train	203.3	284.8

EXPORT

Mode	May'20 (in hrs)	June'20 (in hrs)
Overall	107.8	113.0
Truck	96.0	104.3
Train	179.7	210.8

Container Freight Stations(CFS)– Dwell Time

Container Freight Stations

Entity	May'20 (in hrs)	June'20 (in hrs)
CFS	141.0	139.1

The marked entries showcase increase in performance in comparison to May'20

The marked entries showcase decrease in performance in comparison to May'20

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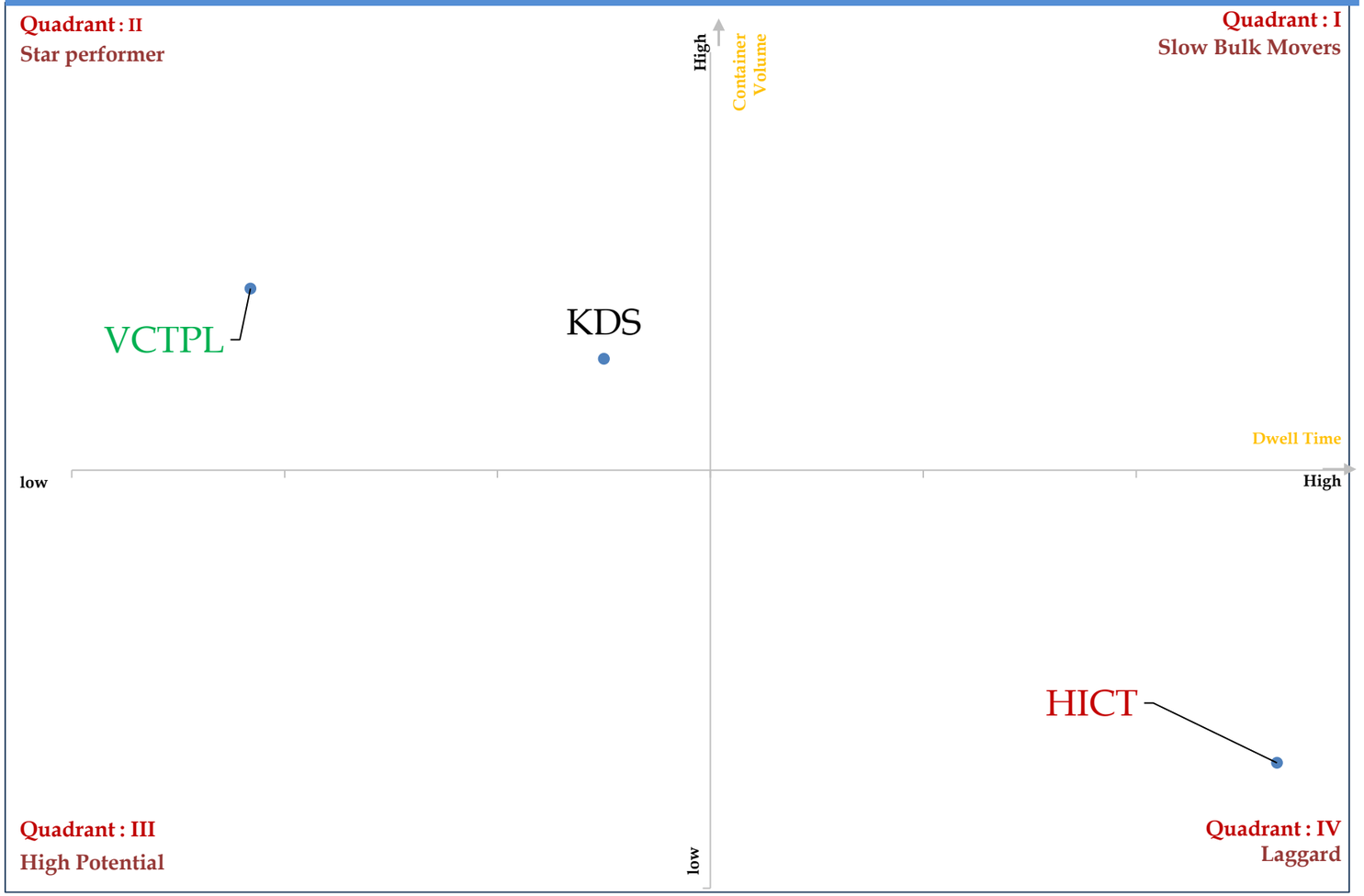
Port Performance Benchmarking & Performance Index - Eastern Corridor

Performance Benchmarking - Port Terminals

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

Port Terminal Performance Index – June'20



Performance benchmarking for CFS covered under LDB project in Southern Corridor for June'20

Top Performing Terminal	
Visakha Container Terminal	
May'20	June'20
84.4 hrs	79.9 hrs

Low Performing Terminal	
Haldia International Container Terminal (HICT)	
May'20	June'20
152.9 hrs	156.3 hrs

Note: The performance benchmarking is based on performance index

The arrows depict increase/decrease in overall performance of the stakeholders in comparison to May'20

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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High Potential : consist of entities which have catered relatively lower container volume in lower dwell time

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

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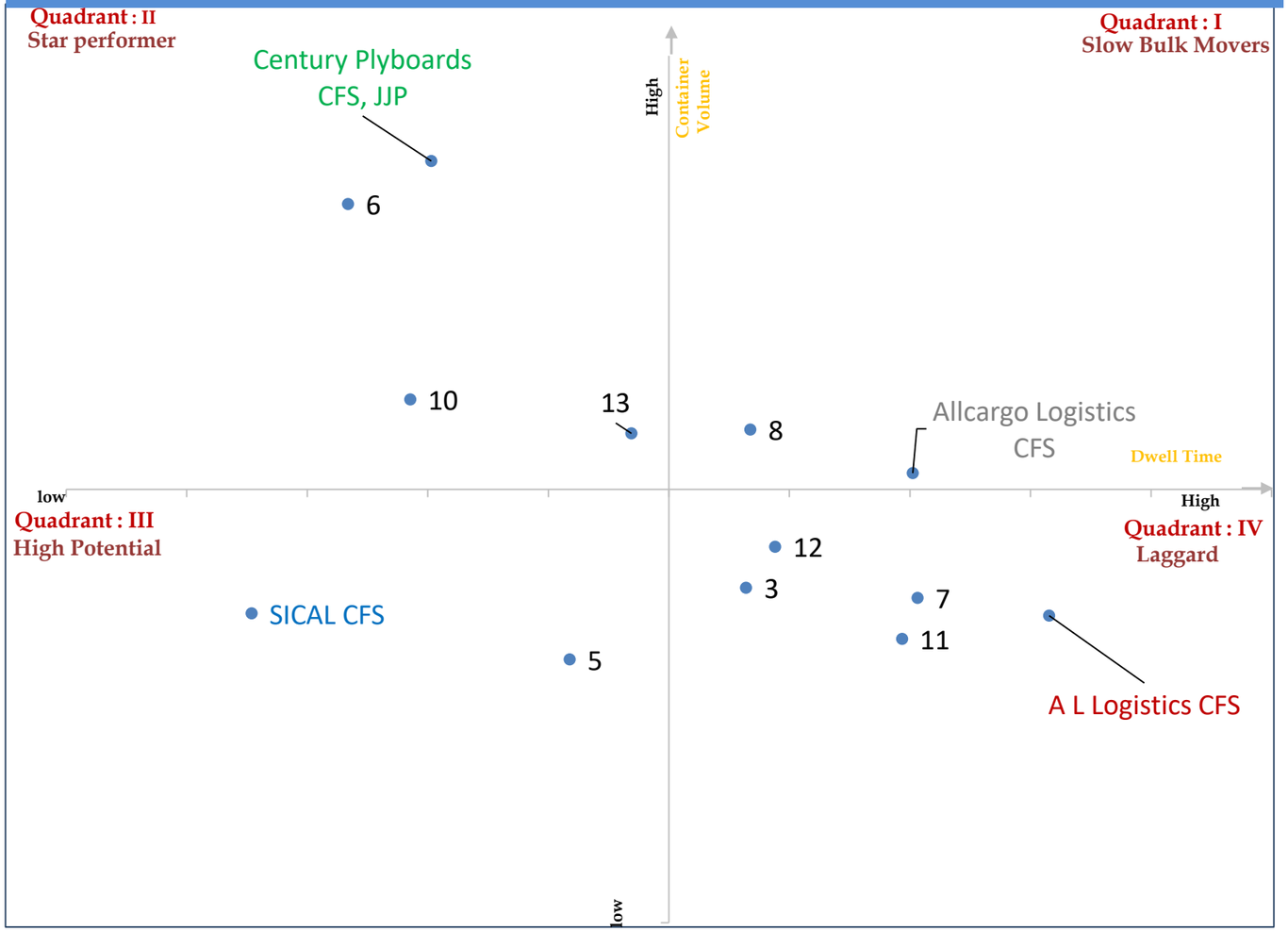
CFS Performance Benchmarking & Performance Index - Eastern Corridor

Performance Benchmarking - CFS

Performance Index: Eastern Corridor CFS



Performance benchmarking for CFS covered under LDB project in Eastern Corridor for June'20

Top Performing Terminal	
Century Plyboards CFS, JJP	
May'20	June'20
138.3 hrs	127.6 hrs ↑

Low Performing Terminal	
A L Logistics CFS	
May'20	June'20
196.1 hrs	176.0 hrs ↑

Note: The performance benchmarking is based on performance index

The arrows depict increase/decrease in overall performance of the stakeholders in comparison to May'20

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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Annexure

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Individual Terminal Performance In Southern Corridor

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Chennai Port Terminals: Container Transportation

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Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

Mode	May'20 (in hrs)	June'20 (in hrs)
Overall	76.7	46.2
Truck	79.0	47.6
Train	28.2	28.7

EXPORT

Mode	May'20 (in hrs)	June'20 (in hrs)
Overall	71.6	96.3
Truck	71.2	96.0
Train	82.9	104.5

Transit Time

Transit Cycle	May'20 (in hrs)	June'20 (in hrs)
Port to CFS	2.0	2.5

Towards CFS

Transit Cycle	May'20 (in hrs)	June'20 (in hrs)
CFS to Port	3.5	5.8

From CFS

Container Freight Station (CFS) – Dwell Time

CFS

Entity	May'20 (in hrs)	June'20 (in hrs)
CFS	86.5	100.2

The marked entries showcase the increase in performance as compared to May'20

The marked entries showcase the decrease in performance as compared to May'20

Container Lifecycle (Export Cycle)

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Kochi Port Terminal: Container Transportation

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Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

Mode	May'20 (in hrs)	June'20 (in hrs)
Overall	133.9	36.1

EXPORT

Mode	May'20 (in hrs)	June'20 (in hrs)
Overall	83.1	91.4

Transit Time

Transit Cycle	May'20 (in hrs)	June'20 (in hrs)
Port to CFS	0.4	0.3

Towards CFS

Transit Cycle	May'20 (in hrs)	June'20 (in hrs)
CFS to Port	1.1	0.2

From CFS

Container Freight Station (CFS) – Dwell Time

CFS

Entity	May'20 (in hrs)	June'20 (in hrs)
CFS	147.7	125.7

The marked entries showcase the increase in performance as compared to May'20

The marked entries showcase the decrease in performance as compared to May'20

Container Lifecycle (Export Cycle)

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Tuticorin Port Terminal: Port Dwell Time Performance

Container Lifecycle

Port Dwell Time

IMPORT

Terminals	May'20 (in hrs)	June'20 (in hrs)
Overall	29.7	19.6
DBGT Port terminal	21.3	13.4
PSA SICAL	109.1	70.0

EXPORT

Terminals	May'20 (in hrs)	June'20 (in hrs)
Overall	63.5	65.2
DBGT Port terminals	64.1	57.5
PSA SICAL	62.1	91.9

Container Freight Station (CFS) – Dwell Time

CFS

Entity	May'20 (in hrs)	June'20 (in hrs)
CFS	150.1	140.7

The marked entries showcase the increase in performance as compared to May'20

The marked entries showcase the decrease in performance as compared to May'20

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Krishnapatnam Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)

Port Dwell Time*

IMPORT

Mode	May'20 (in hrs)	June'20 (in hrs)
Overall	259.7	89.2

EXPORT

Mode	May'20 (in hrs)	June'20 (in hrs)
Overall	66.0	62.6

Container Freight Station (CFS) – Dwell Time

CFS

Entity	May'20 (in hrs)	June'20 (in hrs)
CFS	117.5	113.5

The marked entries showcase the increase in performance as compared to May'20

The marked entries showcase the decrease in performance as compared to May'20

Cargo Dwell Time

Port

Port Cargo Dwell time	May'20 (in hrs)	June'20 (in hrs)
Import	106.5	86.2
Export	59.6	56.3

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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Kattupalli Port Terminal: Container Transportation

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Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

Mode	May'20 (in hrs)	June'20 (in hrs)
Overall	193.4	70.0

EXPORT

Mode	May'20 (in hrs)	June'20 (in hrs)
Overall	84.1	108.0

Transit Time

Transit Cycle	May'20 (in hrs)	June'20 (in hrs)
Port to CFS	1.8	2.1

Towards CFS

Transit Cycle	May'20 (in hrs)	June'20 (in hrs)
CFS to Port	2.3	2.4

From CFS

Container Freight Station (CFS) – Dwell Time

CFS

Entity	May'20 (in hrs)	June'20 (in hrs)
CFS	86.5	100.2

The marked entries showcase the increase in performance as compared to May'20

The marked entries showcase the decrease in performance as compared to May'20

Container Lifecycle (Export Cycle)

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Ennore Port Terminal: Container Transportation

Port Dwell Time

Port

IMPORT

Mode	May'20 (in hrs)	June'20 (in hrs)
Overall	184.1	99.6

EXPORT

Mode	May'20 (in hrs)	June'20 (in hrs)
Overall	78.1	78.5

The marked entries showcase the increase in performance as compared to May'20

The marked entries showcase the decrease in performance as compared to May'20

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New Mangalore Port Terminal: Container Transportation

Port Dwell Time

Port

IMPORT

Mode	May'20 (in hrs)	June'20 (in hrs)
Overall	165.5	104.6

EXPORT

Mode	June'20 (in hrs)
Overall	120.1

The marked entries showcase the increase in performance as compared to May'20

The marked entries showcase the decrease in performance as compared to May'20

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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	May'20 (in hrs)	June'20 (in hrs)
Overall	68.2	61.2

EXPORT

Mode	May'20 (in hrs)	June'20 (in hrs)
Overall	104.2	104.9

Transit Time

Transit Cycle	May'20 (in hrs)	June'20 (in hrs)
Port to CFS	2.1	2.07

Towards CFS

Transit Cycle	May'20 (in hrs)	June'20 (in hrs)
CFS to Port	2.3	3.2

From CFS

Container Freight Station (CFS)– Dwell Time

CFS

Entity	May'20 (in hrs)	June'20 (in hrs)
CFS	122.7	130.1

The marked entries showcase the increase in performance as compared to May'20

The marked entries showcase the decrease in performance as compared to May'20

Container Lifecycle (Export Cycle)

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Kolkata Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

Mode	May'20 (in hrs)	June'20 (in hrs)
Overall	143.8	74.9

EXPORT

Mode	May'20 (in hrs)	June'20 (in hrs)
Overall	109.7	126.4

Container Freight Station (CFS)– Dwell Time

CFS

Entity	May'20 (in hrs)	June'20 (in hrs)
CFS	151.2	143.5

The marked entries showcase the increase in performance as compared to May'20

The marked entries showcase the decrease in performance as compared to May'20

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

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

Mode	May'20 (in hrs)	June'20 (in hrs)
Overall	176.9	202.6

EXPORT

Mode	May'20 (in hrs)	June'20 (in hrs)
Overall	105.0	97.3

Container Freight Station (CFS)– Dwell Time

CFS

Entity	May'20 (in hrs)	June'20 (in hrs)
CFS	169.5	147.0

The marked entries showcase the increase in performance as compared to May'20

The marked entries showcase the decrease in performance as compared to May'20

Container Lifecycle (Export Cycle)

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Individual Terminal Performance In Western Corridor

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Kandla Port Terminal: Container Transportation

Port Dwell Time

Port

IMPORT

Mode	May'20 (in hrs)	June'20 (in hrs)
Overall	75.2	65.2

EXPORT

Mode	June'20 (in hrs)
Overall	92.3

The marked entries showcase the increase in performance as compared to May'20

The marked entries showcase the decrease in performance as compared to May'20

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Container Transportation- JNPT Port Terminals

Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

Mode	May'20 (in hrs)	June'20 (in hrs)
Overall	64.7	37.6
Truck	60.3	32.5
Train	66.2	50.9

EXPORT

Mode	May'20 (in hrs)	June'20 (in hrs)
Overall	60.0	68.8
Truck	61.3	67.7
Train	52.9	73.5

Transit Time

Towards ICD

Station

Transit Cycle	May'20 (in hrs)	June'20 (in hrs)
Port to ICD	92.2	67.7
Port to CFS	2.6	2.5

Towards CFS

From ICD

Station

Transit Cycle	May'20 (in hrs)	June'20 (in hrs)
ICD to Port	58.8	63.2
CFS to Port	2.7	2.9

From CFS

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

ICD

CFS

Entity	May'20 (in hrs)	June'20 (in hrs)
CFS	91.2	95.6
ICD	143.3	140.1

Volume distribution at port terminal – Truck/Rail

	Truck	Rail
Import	77%	23%
Export	73%	27%

The marked entries showcase the increase in performance as compared to May'20

The marked entries showcase the decrease in performance as compared to May'20

Container Lifecycle (Export Cycle)

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Container Transportation- JNPT Port Terminals

%IMPORT CYCLE DWELL TIME (June'20 – in hrs)			Compared to May'20
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	**37.6**	**42%** ↑
	Port Dwell Time for Truck Bound Containers	**32.5**	**46%** ↑
	Port Dwell time for Train Bound Containers	**50.9**	**23%** ↑
	Port Dwell time Direct Port Delivery (DPD) containers	**54.0**	**30%** ↑
	Port Dwell time Containers bound for CFS	**32.3**	**50%** ↑
	Port Dwell for Empty Containers	**86.1**	**16%** ↓
	Port Dwell for Laden Containers	**30.9**	**47%** ↑
TRANSIT TIME	Port to ICD	**67.7**	**27%** ↑
	Port to CFS	**2.5**	**3%** ↑

EXPORT CYCLE DWELL TIME (June'20– in hrs)			Compared to May'20
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	**68.8**	**15%** ↓
	Port Dwell Time for Truck Bound Containers	**67.7**	**10%** ↓
	Port Dwell time for Train Bound Containers	**73.5**	**39%** ↓
	Port Dwell time Direct Port Entry (DPE) containers	**71.7**	**6%** ↓
	Port Dwell time Containers bound from CFS	**58.9**	**4%** ↓
	Port Dwell for Empty Containers	**71.3**	**30%** ↓
	Port Dwell for Laden Containers	**69.0**	**15%** ↓
TRANSIT TIME	ICD to Port	**63.2**	**8%** ↓
	CFS to Port	**2.9**	**5%** ↓

↑↓ The arrows depict increase/decrease in performance of the stakeholders in comparison to May'20

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JNPT Region: Parking Plaza Dwell Time Analysis

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

Parking Plaza Gate In – Gate Out

Mode	May'20 (in hrs)	June'20 (in hrs)
Overall Parking Plaza	4.57	5.6

Parking Plaza	May'20 (in hrs)	June'20 (in hrs)
APM-GTI Parking Plaza	4.4	5.4
JNPCT Parking Plaza	4.4	5.7
NSIGT Parking Plaza	4.9	5.9

Container Handled: Day wise (June'20)

Parking Plaza	Within 6 hrs	Within 6 – 24 hrs	More than 24 hrs
APM-GTI Parking Plaza	56%	41%	3%
JNPCT Parking Plaza	52%	47%	1%
NSIGT Parking Plaza	51%	45%	4%

Parking Plaza Gate Out – Terminal In

Mode	May'20 (in hrs)	June'20 (in hrs)
Overall Parking Plaza to JNPT Port	1.3	1.7

Port	May'20 (in hrs)	June'20 (in hrs)
JNPCT	1.3	2.1
NSICT	1.1	1.2
GTI	1.2	1.6
NSIGT	1.0	1.1
BMCT	2.0	2.6

Container Handled: Day wise (June'20)

Port Terminals	Within 6 hrs	Within 6 – 24 hrs	More than 24 hrs
JNPCT	85%	14%	1%
NSICT	90%	9%	1%
GTI	92%	7%	1%
NSIGT	87%	12%	1%
BMCT	84%	15%	1%

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Gujarat Port Terminals : Container Transportation

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Container Lifecycle (Import Cycle)

Port Dwell Time

IMPORT

Mode	May'20 (in hrs)	June'20 (in hrs)
Overall	36.5	30.8
Truck	35.2	30.3
Train	62.6	39.6

EXPORT

Mode	May'20 (in hrs)	June'20 (in hrs)
Overall	104.5	115.8
Truck	101.5	115.9
Train	120.2	115.4

Transit Time

Towards ICD

Station

Transit Cycle	May'20 (in hrs)	June'20 (in hrs)
Port to ICD	111.4	55.3
Port to CFS	1.0	0.9

Towards CFS

From ICD

Station

Transit Cycle	May'20 (in hrs)	June'20 (in hrs)
ICD to Port	56.4	69.9
CFS to Port	0.75	0.73

From CFS

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

ICD

CFS

Entity	May'20 (in hrs)	June'20 (in hrs)
CFS	97.3	95.8
ICD	143.3	140.1

Volume distribution at port terminal – Truck/Rail

	Truck	Rail
Import	93%	7%
Export	72%	28%

The marked entries showcase the increase in performance as compared to May'20

The marked entries showcase the decrease in performance as compared to May'20

Container Lifecycle (Export Cycle)

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Container Transportation- Gujarat Port Terminals

IMPORT CYCLE DWELL TIME (June'20– in hrs)			Compared to May'20
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	**30.8**	**15%** ↑
	Port Dwell Time for Truck Bound Containers	**30.3**	**14%** ↑
	Port Dwell time for Train Bound Containers	**39.6**	**37%** ↑
TRANSIT TIME	Port to ICD	**55.3**	**50%** ↑
	Port to CFS	**0.9**	**7%** ↑

EXPORT CYCLE DWELL TIME (June'20– in hrs)			Compared to May'20
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	**115.8**	**11%** ↓
	Port Dwell Time for Truck Bound Containers	**115.9**	**14%** ↓
	Port Dwell time for Train Bound Containers	**115.4**	**4%** ↑
TRANSIT TIME	ICD to Port	**69.9**	**24%** ↓
	CFS to Port	**0.73**	**2%** ↑

↑↓ The arrows depict increase/decrease in performance of the stakeholders in comparison to June'20

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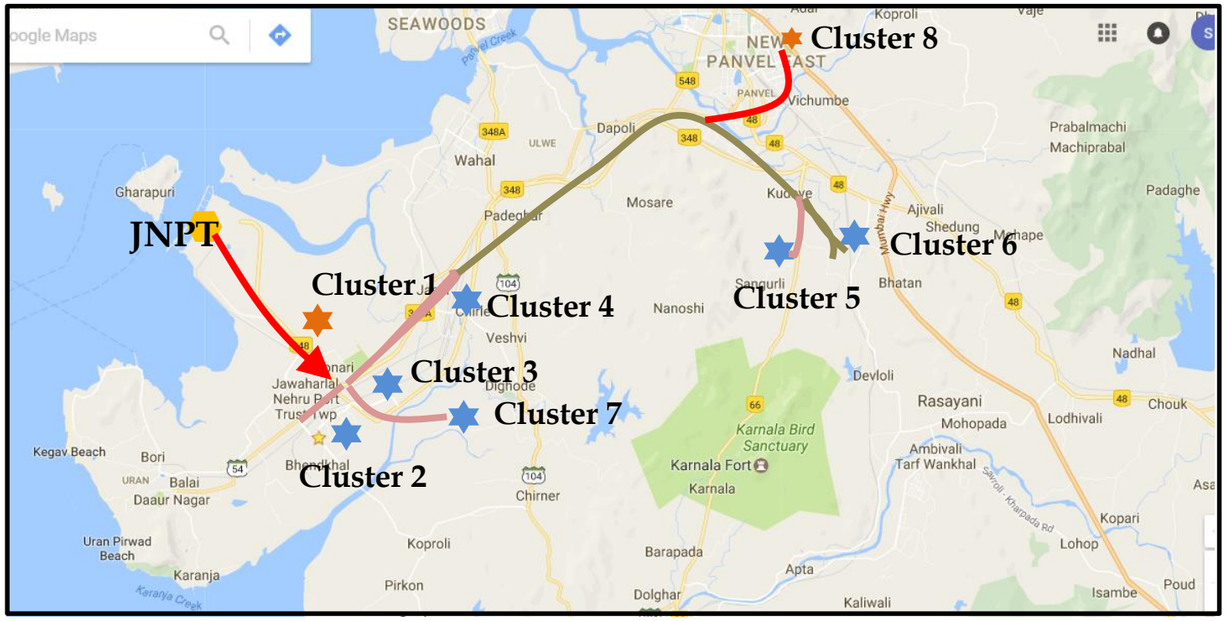
JNPT Region: Congestion Analysis

JNPT – Import – June'20

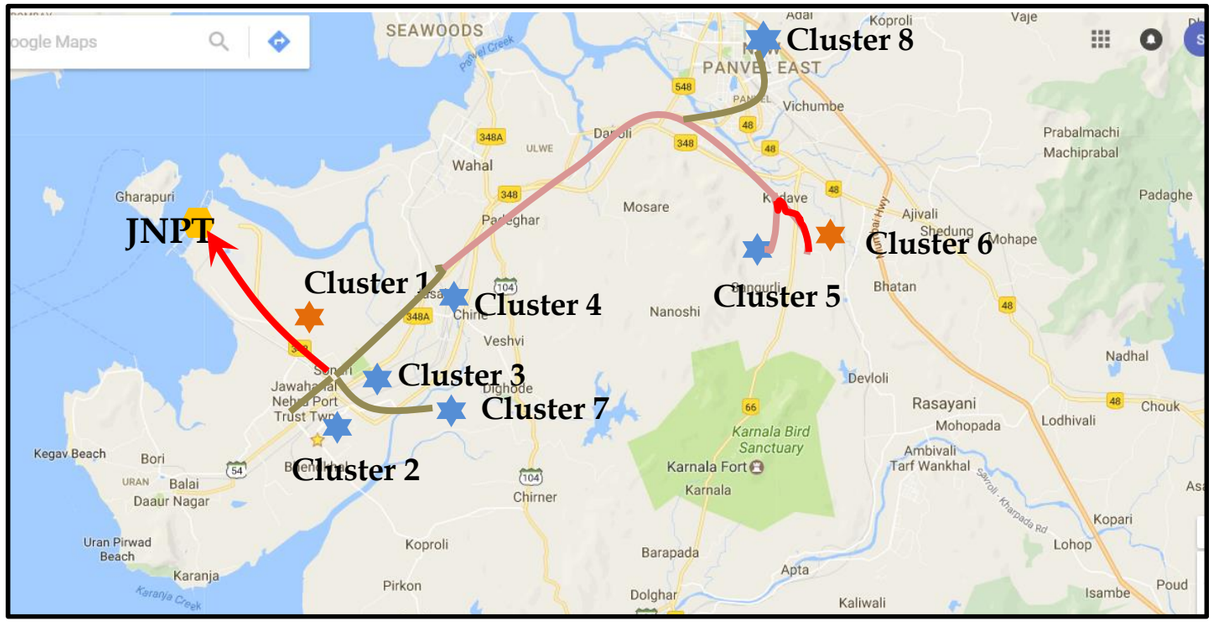


Legends
- High Congestion
- Medium Congestion
- Low Congestion
- Cluster with bottleneck
- Cluster without bottleneck

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 – June'20



Clusters with bottleneck	
CLUSTER 1	JNPT Area
CLUSTER 6	Salva apta rd area, Bangalore highway

Clusters without bottleneckz	
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 7	Patilpada area, Khopate JNPT road
CLUSTER 8	Taloja, Navi Mumbai

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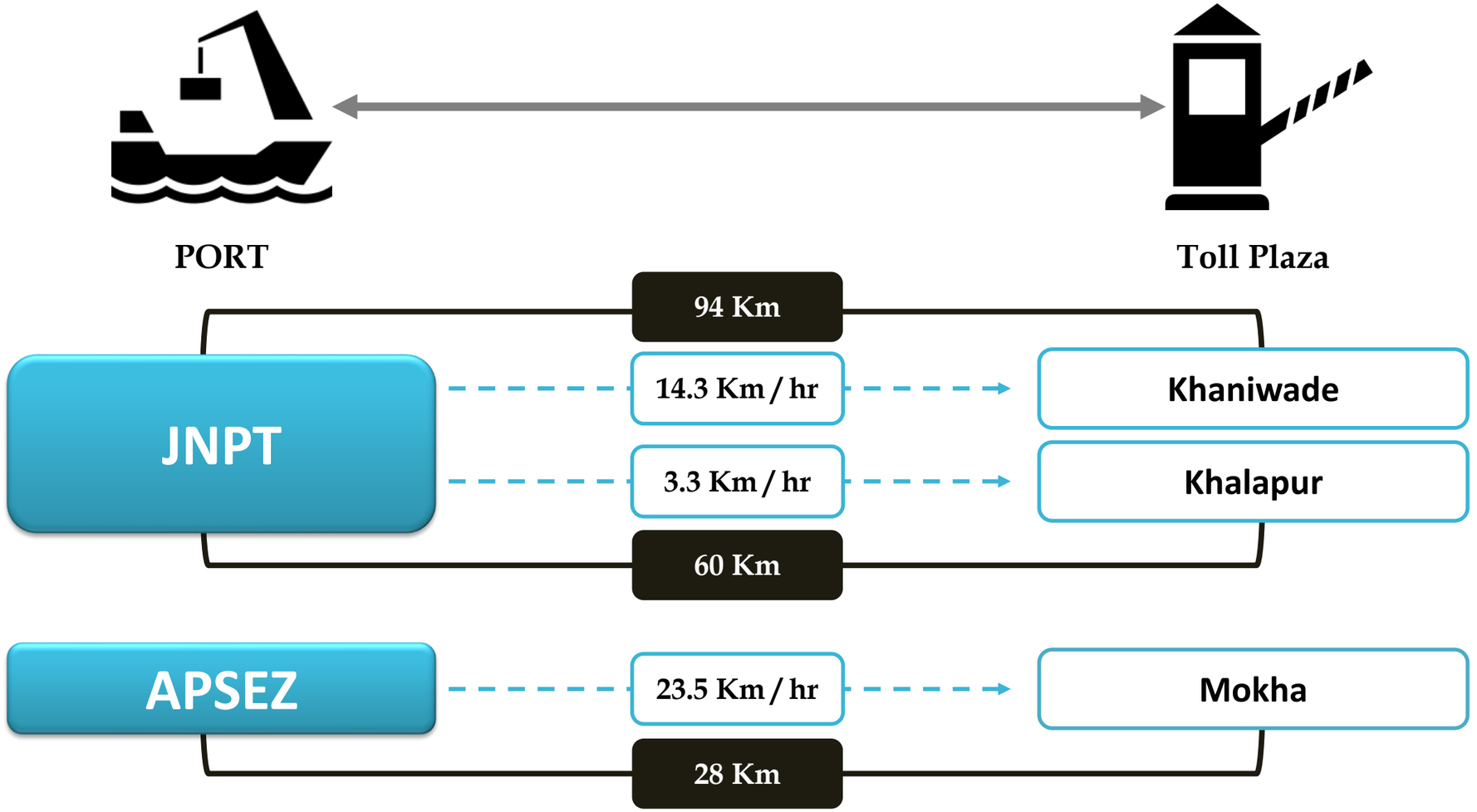
Evacuation Efficiency Analysis

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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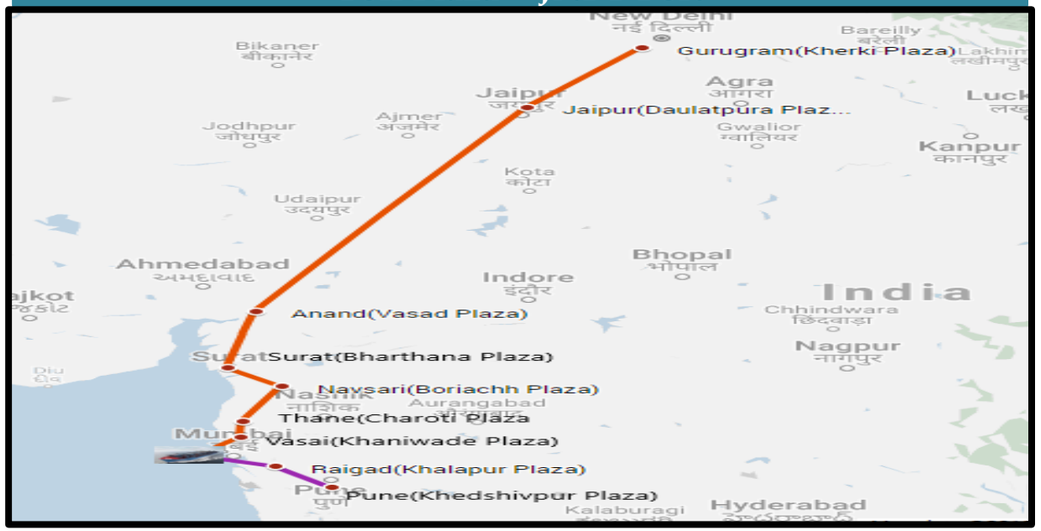
Western Corridor Toll Plaza Analysis

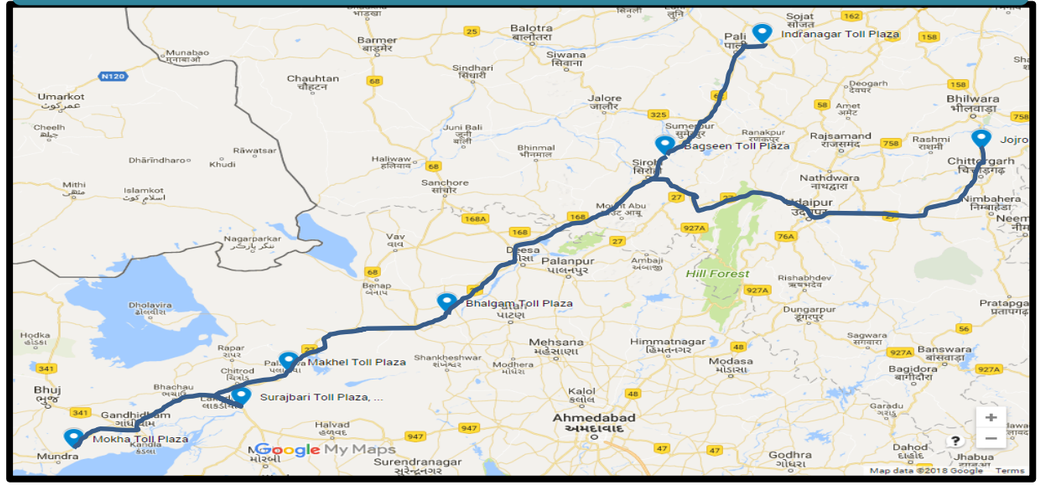
Avg. Speed between Toll to Toll Plazas

	Source	Destination Toll Plaza	Inter Distance (Km)	May'20 (in km/hrs)	June'20 (in km/hrs)
JNPT	JNPT	Khaniwade	94	17.0	14.3
	JNPT	Khalapur	60	4.0	3.3
	Khaniwade	Charoti	50	33.6	30.8
	Charoti	Boriach	126	29.5	29.2
	Boriach	Bharthan	142	33.2	35.1
APSEZ	APSEZ	Mokha	28	22.6	23.5
	Mokha	Makhel	150	25.1	23.0
	Mokha	Surajbari	115	25.8	26.3
	Makhel	Bhalgam	108	35.3	35.6

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
AECT	Adani Ennore Container Terminal (AECT)

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Annexure – CFS – Pan India

List of CFS name used in CFS Performance Index

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

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Annexure – Western Region

List of CFS name used in CFS Performance Index

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

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

List of CFS name used in Eastern CFS Performance Index

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

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