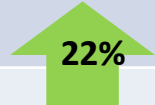


Logistics Databank Analytics Report- Dec'18



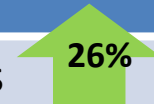



Western Corridor (JNPT & Gujarat)

- Port Dwell Time Performance for **Import cycle** has improved by 22% in Dec'18 as compared to Nov'.

Month	Port Dwell Time (Import)	Improvement in Dwell time of Truck bound containers	Improvement in Dwell time of Train bound containers
Dec 2018	22.7 hrs 	24 %	2 %
Nov 2018	29.3 hrs		

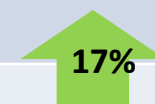
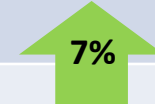
Jawaharlal Nehru Port Trust Region

- Improvement in **Import Dwell Time** by 26% in Dec '18 on Monthly basis & 22% on Yearly basis (26 hrs in Dec'17)
- Improvement in **Export Dwell Time** Performance by 2% in Dec'18 on Monthly basis & 11% on Yearly basis (80.8 hrs in Dec'17)

Month	JNPT Port Dwell Time (Import)	JNPT Port Dwell Time (Export)	Transit Time (Import) Port to CFS	Transit Time(Export) CFS to Port
Dec 2018	20.4 hrs 	71.6 hrs 	2.9 hrs 	5.3 hrs 
Nov 2018	26.7 hrs	73.2 hrs	3.3 hrs	4.9 hrs

Gujarat Port Terminals (Adani Ports Special Economic Zone)

- Improvement in **Import Dwell time** 17% on Monthly basis

Month	Gujarat Port Terminal Dwell Time (Import)	Gujarat region (CFS Dwell Time)
Dec 2018	27.1 hrs 	92.2 hrs 
Nov 2018	32.5 hrs	98.7 hrs

IMPORT

Port Dwell Time

Mode	Nov'18 (in hrs)	Dec'18 (in hrs)
Overall	29.3	22.7
Truck	27.0	20.4
Train	52.0	51.2

EXPORT

Mode	Nov'18 (in hrs)	Dec'18 (in hrs)
Overall	82.5	80.0
Truck	80.5	78.6
Train	95.3	88.2

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





Inland
Container
Depot (ICD)






Container
Freight
Stations


Entity	Nov'18 (in hrs)	Dec'18 (in hrs)
CFS	87.9	84.5
ICD	143.3	141.5

-  The marked entries showcase increase in the performance in comparison to Nov'18
-  The marked entries showcase decrease in the performance in comparison to Nov'18

Container Lifecycle (Import Cycle)

IMPORT	Port Dwell Time		
			
	Mode	Nov'18 (in hrs)	Dec'18 (in hrs)
	Overall	27.6	20.4
	Truck	25.4	18.3
	Train	44.0	42.2
			
EXPORT	Mode	Nov'18 (in hrs)	Dec'18 (in hrs)
	Overall	73.2	71.6
	Truck	70.8	69.5
	Train	104.2	91.5

Transit Time			
			
Towards ICD	Station	Transit Cycle	Nov'18 (in hrs)
			Dec'18 (in hrs)
		Port to ICD	70.2
		Port to CFS	3.3
Towards CFS			
From ICD	Station	Transit Cycle	Nov'18 (in hrs)
			Dec'18 (in hrs)
		ICD to Port	64.0
		CFS to Port	4.9
From CFS			

Container Freight Station (CFS) / Inland Container Depot (ICD) - Dwell Time			
			
	ICD		
	CFS		
Entity	Nov'18 (in hrs)	Dec'18 (in hrs)	
CFS	83.1	81.2	
ICD	149.6	141.5	

The marked entries showcase the increase in performance as compared to Nov'18

The marked entries showcase the decrease in performance as compared to Nov'18

Container Lifecycle (Export Cycle)

IMPORT CYCLE DWELL TIME (Dec'18- in hrs)				Compared to Nov'18
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	20.4	26%	↑
	Port Dwell Time for Truck Bound Containers	18.3	28%	↑
	Port Dwell time for Train Bound Containers	42.2	4%	↑
	Port Dwell time Direct Port Delivery (DPD) containers	34.1	26%	↑
	Port Dwell time Containers bound for CFS	16.6	31%	↑
	Port Dwell time Containers bound for ICD	23.7	17%	↑
	Port Dwell for Empty Containers	26.4	26%	↑
	Port Dwell for Laden Containers	20	28%	↑
TRANSIT TIME	Port to ICD	62.2	11%	↑
	Port to CFS	2.9	10%	↑

EXPORT CYCLE DWELL TIME (Dec'18- in hrs)				Compared to Nov'18
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	71.6	2%	↑
	Port Dwell Time for Truck Bound Containers	69.5	2%	↑
	Port Dwell time for Train Bound Containers	91.6	12%	↑
	Port Dwell time Direct Port Entry (DPE) containers	62.9	9%	↑
	Port Dwell time Containers bound from CFS	68.7	0.3%	↓
	Port Dwell time Containers bound from ICD	91.4	9%	↑
	Port Dwell for Empty Containers	79.2	1%	↓
	Port Dwell for Laden Containers	66.7	3%	↑
TRANSIT TIME	ICD to Port	67.8	6%	↓
	CFS to Port	5.3	9%	↓




The arrows depict increase/decrease in performance of the stakeholders in comparison to Nov'18

Container Lifecycle (Import Cycle)

IMPORT

Mode	Nov'18 (in hrs)	Dec'18 (in hrs)
Overall	32.5	27.1
Truck	29.5	24.2
Train	67.3	75.5




Mode	Nov'18 (in hrs)	Dec'18 (in hrs)
Overall	97.3	92.4
Truck	99.0	94.0
Train	90.6	86.3

EXPORT


Transit Time

Towards ICD

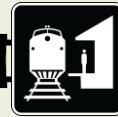


Transit Cycle	Nov'18 (in hrs)	Dec'18 (in hrs)
Port to ICD	108.5	98.2
Port to CFS	1.5	0.9

Towards CFS




From ICD



Transit Cycle	Nov'18 (in hrs)	Dec'18 (in hrs)
ICD to Port	117.6	90.4
CFS to Port	1.21	0.9

From CFS



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



Entity	Nov'18 (in hrs)	Dec'18 (in hrs)
CFS	98.7	92.2
ICD	149.6	141.5

The marked entries showcase the increase in performance as compared to Nov'18

The marked entries showcase the decrease in performance as compared to Nov'18

Container Lifecycle (Export Cycle)

IMPORT CYCLE DWELL TIME (Dec'18- in hrs)			Compared to Nov'18
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	27.1	17% ↑
	Port Dwell Time for Train Bound Containers	75.5	12% ↓
	Port Dwell time for Truck Bound Containers	24.2	18% ↑
TRANSIT TIME	Port to ICD	98.2	9% ↑
	Port to CFS	0.9	40% ↑

EXPORT CYCLE DWELL TIME (Dec'18- in hrs)			Compared to Nov'18
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	92.4	5% ↑
	Port Dwell Time for Train Bound Containers	86.3	5% ↑
	Port Dwell time for Truck Bound Containers	94.0	5% ↑
TRANSIT TIME	ICD to Port	90.4	23% ↑
	CFS to Port	0.9	26% ↑

↑↓ The arrows depict increase/decrease in performance of the stakeholders in comparison to Nov'18



Performance Benchmarking - Port Terminals



Performance benchmarking for Port Terminals covered under LDB project for Dec'18

Top Performing Terminal

Gateway Terminals India (GTI)

Nov'18

45.0 hrs

Dec'18

42.1 hrs



Low Performing Terminal

Adani CMA Mundra Terminal (ACMTTL)

Nov'18

71.8 hrs

Dec'18

66.7 hrs



Note: The performance benchmarking is based on performance index

↑↓ The arrows depict increase/decrease in overall performance of the stakeholders in comparison to Nov'18

Performance Index-Port Terminals

In order to assess the relative performance of Port terminals, 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

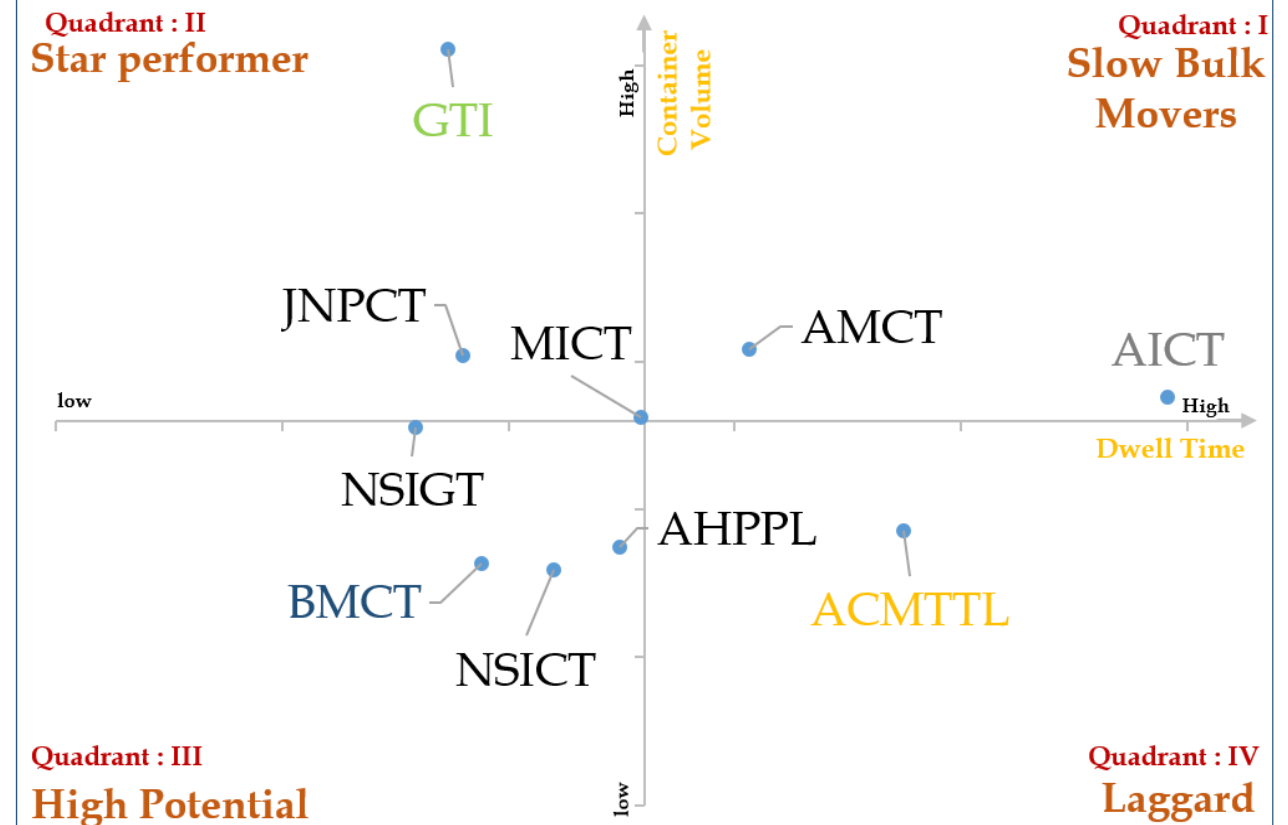
Star Performer: consist of Ports which have catered relatively high container volume in lower dwell time

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

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

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

Port Terminal Performance Index : Dec'18



Performance Benchmarking – Container Freight Station (CFS)



Performance benchmarking for CFS(s) covered under LDB project for Dec'18

Top Performing CFS

Gateway Distriparks CFS, Navi Mumbai

Nov'18	Dec'18
88.3 hrs	74.5 hrs



Low Performing CFS

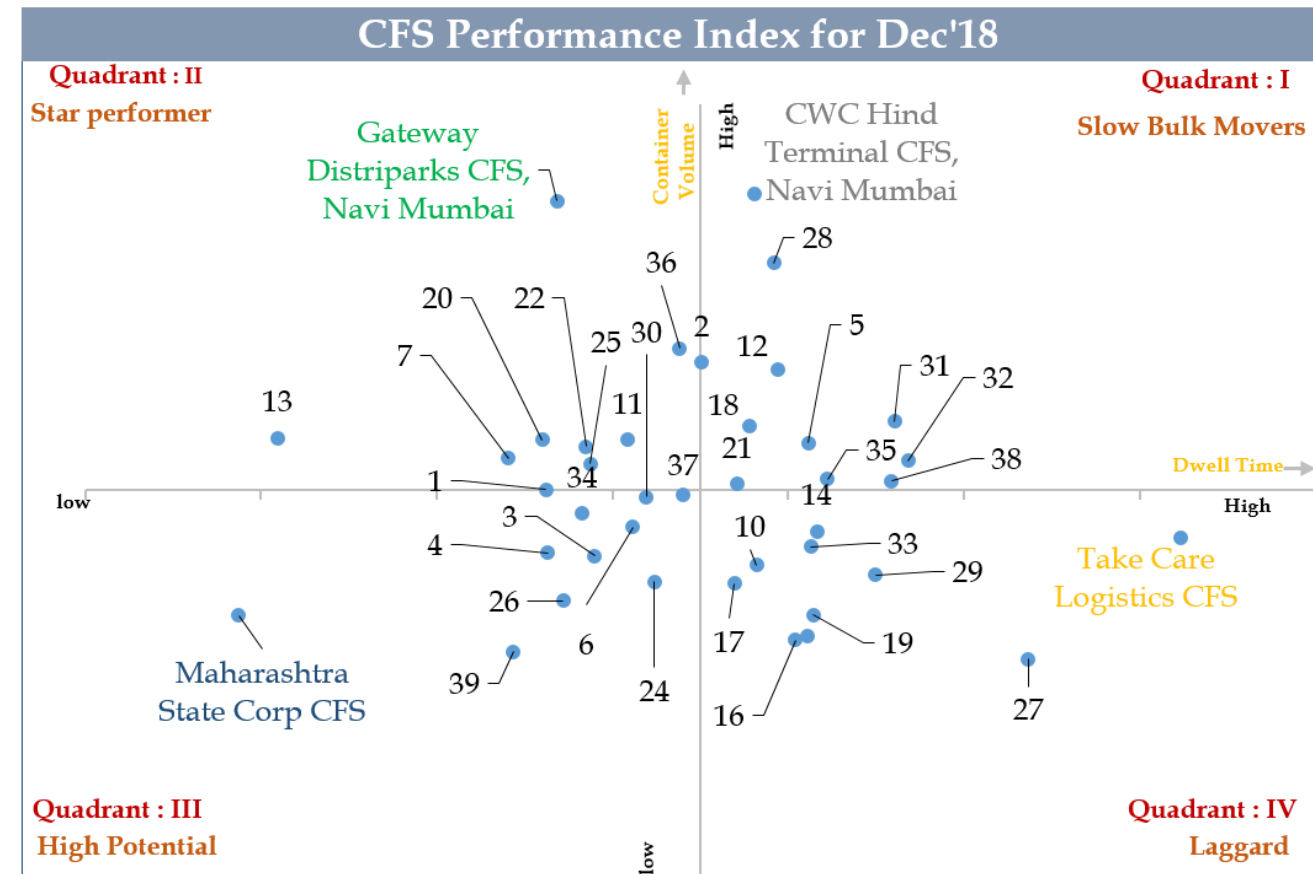
Take Care Logistics CFS

Nov'18	Dec'18
126.8 hrs	124.1 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'18



Performance Benchmarking – Inland Container Depot (ICD)



Performance benchmarking for ICD(s) covered under LDB project for Dec'18

Top Performing ICD

CONCOR ICD, Dadri

Nov'18	Dec'18
142.7 hrs	129.9 hrs



Low Performing ICD

CONCOR ICD, Aurangabad

Nov'18	Dec'18
251.7 hrs	257.8 hrs

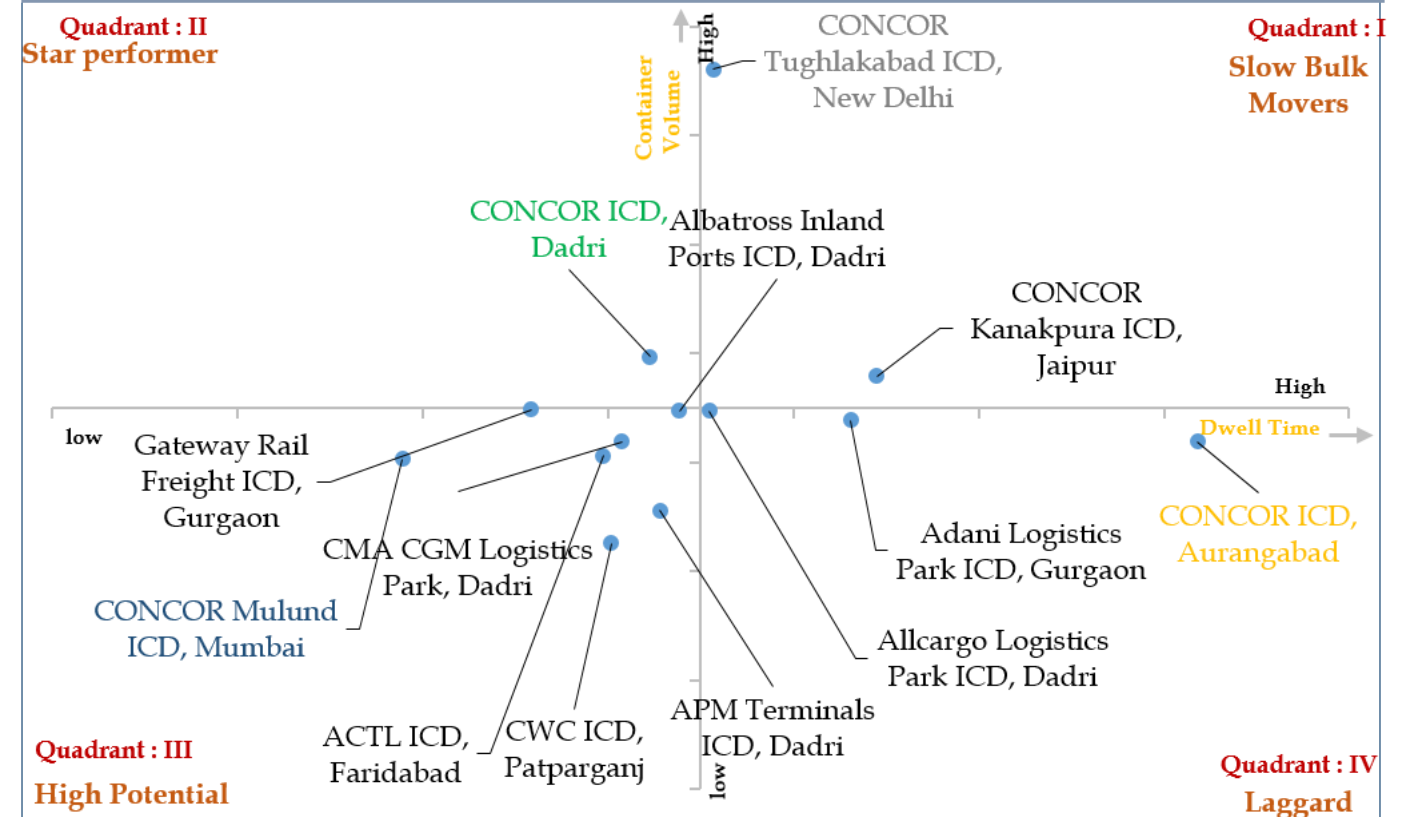


Note: The performance benchmarking is based on performance index



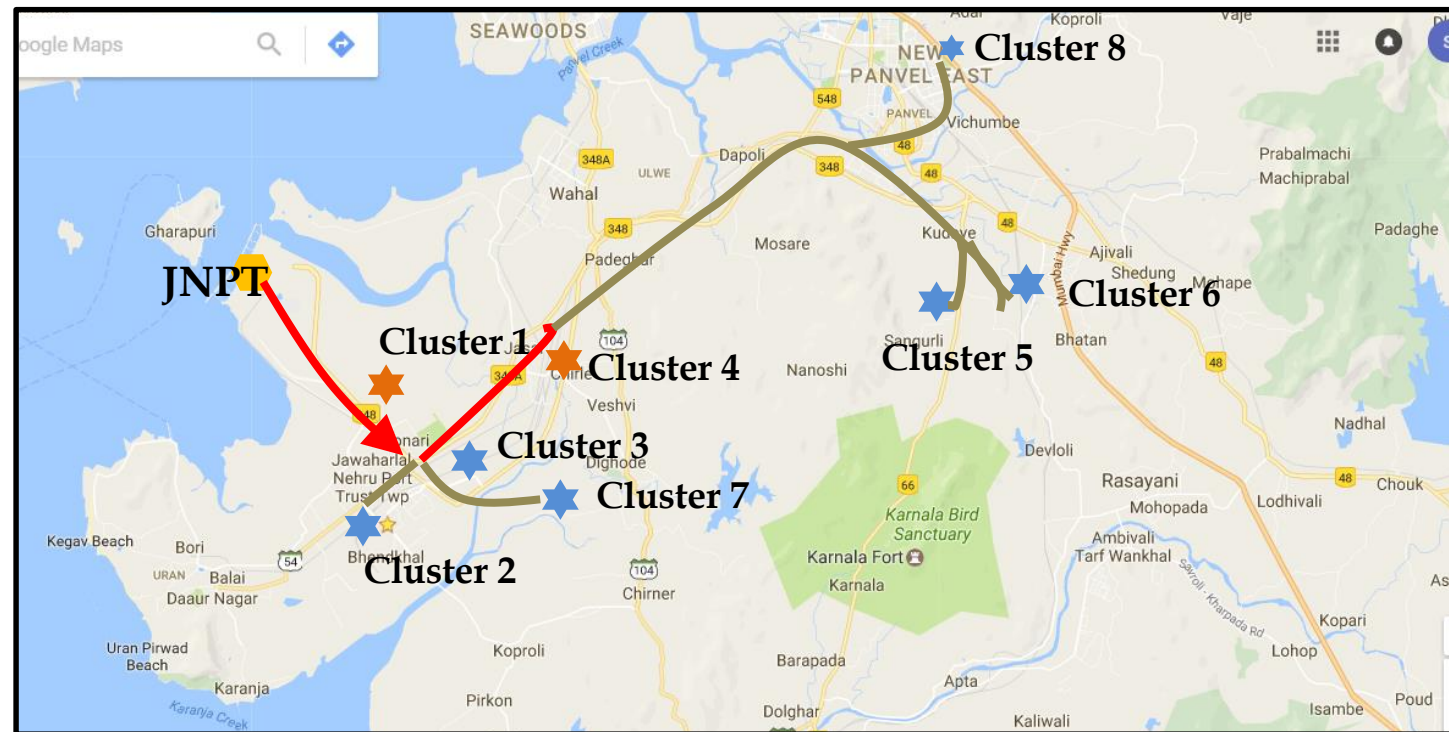
The arrows depict increase/decrease in overall performance of the stakeholders as compared to Nov'18

ICD Performance Index for Dec'18

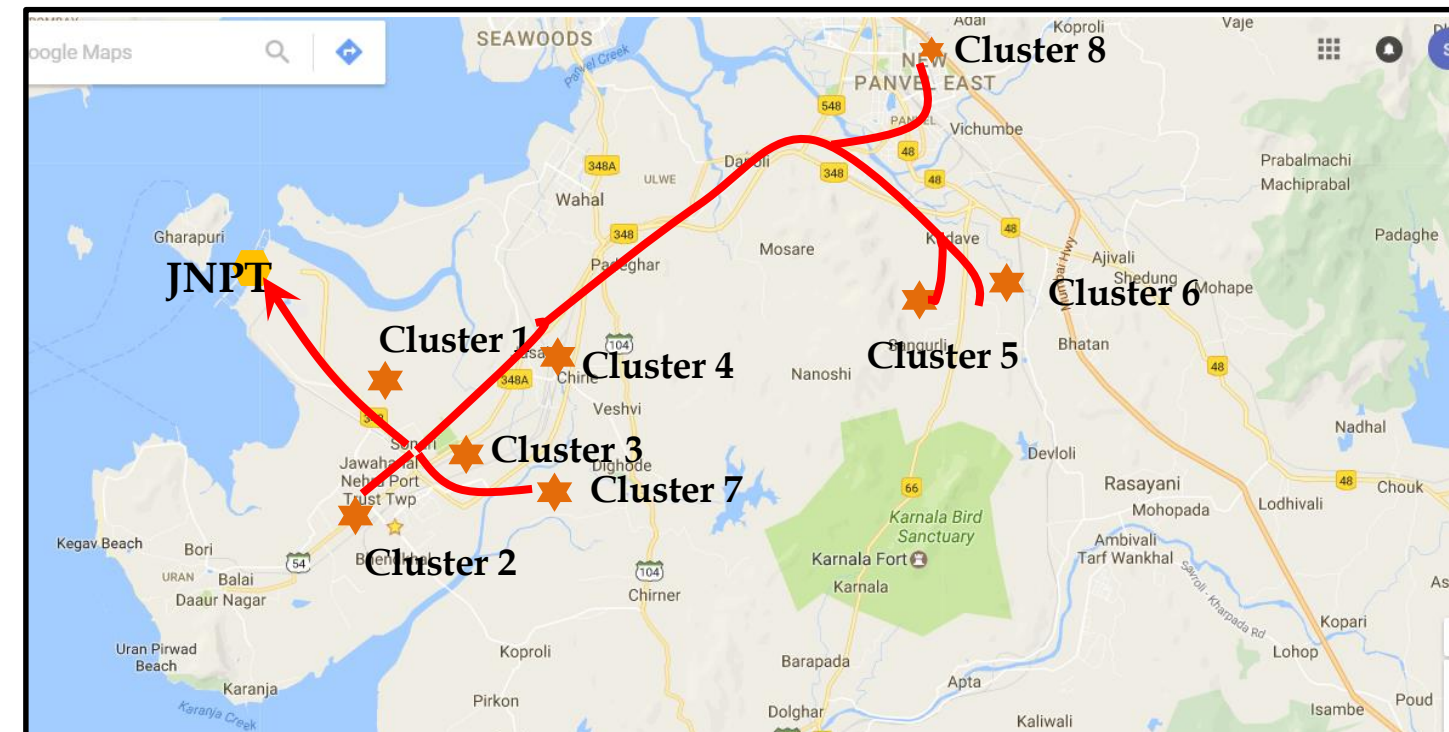


Congestion Analysis

JNPT - Import - Dec'18



JNPT - Export - Dec'18



Legends

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

Clusters with bottleneck

CLUSTER 1	JNPT Area
CLUSTER 4	Chirle area , JNPT road

Clusters without bottleneck

CLUSTER 2	Bhendkhal area, Khopate road
CLUSTER 3	Sonari area, JNPT road
CLUSTER 5	Plaspa area, Coachi kanyakumari Highway
CLUSTER 6	Salva apta rd area, Bangalore highway
CLUSTER 7	Patilpada area, Khopate JNPT road
CLUSTER 8	Taloja, Navi Mumbai

Cluster with bottleneck

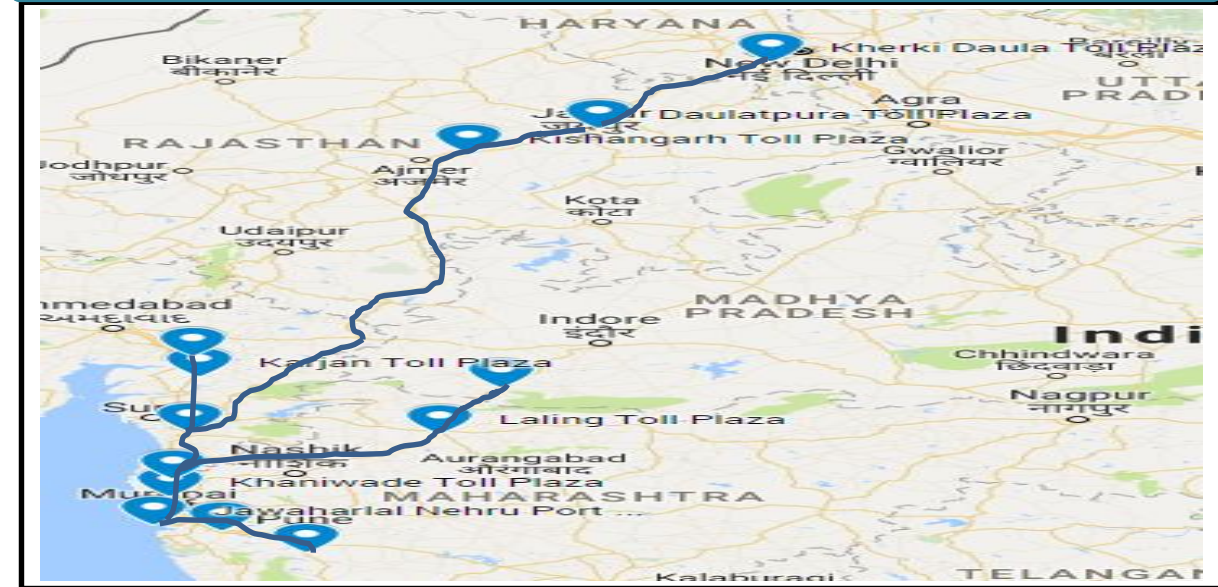
CLUSTER 1	JNPT Area
CLUSTER 2	Bhendkhal area, Khopate road
CLUSTER 3	Sonari area, JNPT road
CLUSTER 4	Chirle area , JNPT road
CLUSTER 5	Plaspa area, Coachi kanyakumari Highway
CLUSTER 6	Salva apta rd area, Bangalore highway
CLUSTER 7	Patilpada area, Khopate JNPT road
CLUSTER 8	Taloja, Navi Mumbai

Western Corridor: Toll Plaza Analysis

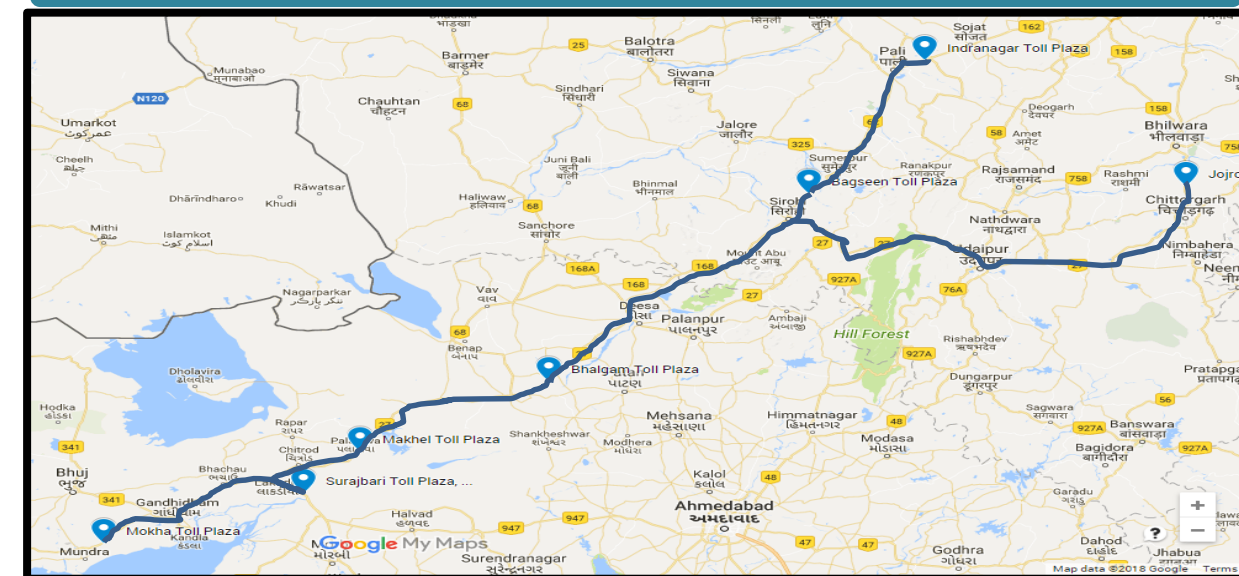
Avg. Travel Time & Speed between Toll Plazas (Dec'18)

	Source	Destination Toll Plaza	Inter Distance (Km)	Nov'18 Avg. Speed (Km/Hr.)	Dec'18 Avg. Speed (Km/Hr.)
JNPT	JNPT	Khaniwade	94	13.9	12.6
	Khaniwade	Charoti	50	38.2	38.4
	Charoti	Boriach	126	27.0	27.2
	Boriach	Bharthan	142	31.8	31.9
	Bharthan	Vasad	60	44.6	45.7
	Khalapur	Khedshivpur	105	28.6	29.5
	Daulatpura	Kherki	199	23.8	24.1
APSEZ	MICT	Mokha	28	22.7	22.3
	Mokha	Makhel	150	24.3	25.2
	Mokha	Surajbari	115	27.1	27.2
	Makhel	Bhalgam	108	39.1	39.3
	Bhalgam	Uthamam	209	30.0	30.2
	Uthamam	Indranagar	109	36.4	35.3

Toll Plaza - JNPT Port



Toll Plaza - APSEZ Port



List of CFS name used in CFS Performance Index

1	All Cargo Logistics CFS, Navi Mumbai
2	Ameya Logistics CFS, Navi Mumbai
3	APM (Maersk India) CFS, Navi Mumbai
4	Apollo Logisolutions CFS, Panvel
5	Ashte Logistics CFS, Panvel
6	Balmer & Lawrie CFS, Navi Mumbai
7	Continental Warehousing CFS, Navi Mumbai
8	CWC Hind Terminal CFS, Navi Mumbai
9	Gateway Distriparks CFS, Navi Mumbai
10	Indev Logistics CFS, Panvel
11	International Cargo Terminal CFS
12	International Cargo Terminals (ULA) CFS, Navi Mumbai
13	JWR CFS
14	Maersk Annex (APM)CFS, Navi Mumbai
15	Maharashtra State Corp CFS
16	Navkar Corporation Yard 1 CFS, Panvel
17	Navkar Corporation Yard 2 CFS, Panvel
18	Navkar Corporation Yard 3 CFS, Panvel
19	Ocean Gate CFS, Panvel
20	Punjab Conware CFS, Navi Mumbai

21	Seabird CFS, Navi Mumbai
22	Speedy Multimode CFS, JNPT
23	Take Care Logistics CFS
24	TG Terminals CFS
25	Transindia Logistics Park, Navi Mumbai
26	Vaishno Logistics CFS, Navi Mumbai
27	Adani CFS Eximyard, Mundra
28	Adani CFS, Hazira
29	AllCargo CFS, Mundra
30	Ashutosh CFS, Mundra
31	Hind Mundra Terminals CFS, Mundra
32	Hind Terminal CFS, Hazira
33	Honey Comb CFS, Mundra
34	MICT CFS, Mundra
35	Mundhra CFS, Mundra
36	Saurashtra CFS, Mundra
37	Seabird CFS, Hazira
38	Seabird CFS, Mundra
39	TG Terminals CFS, Mundra
40	Transworld CFS, Mundra

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	CWC ICD, Patparganj
13	Gateway Rail Freight ICD, Gurgaon



THANK YOU