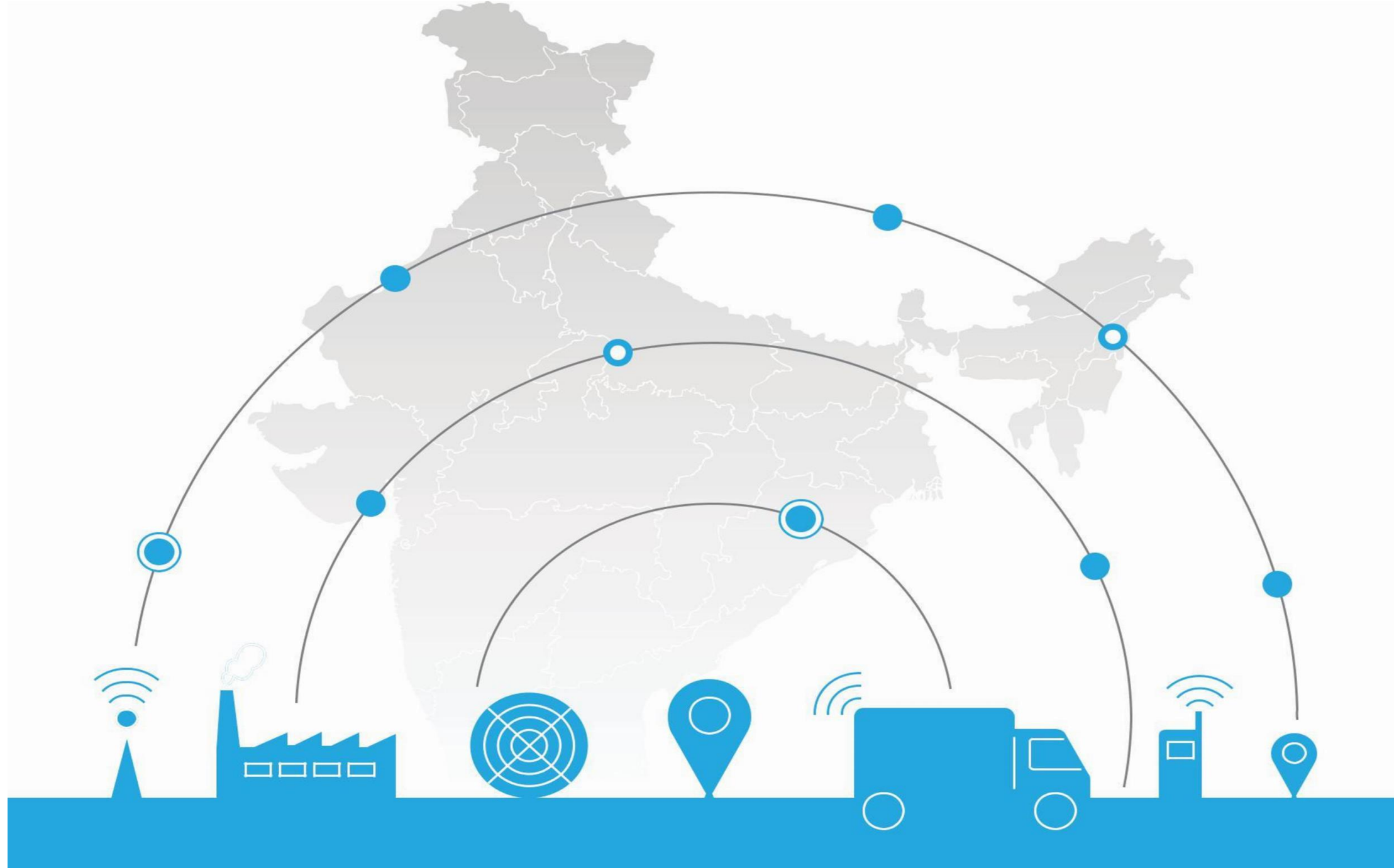


Logistics Databank Analytics Report- JNPT Dec'18



Western Corridor (JNPT & Gujarat)

- Port Dwell Time Performance at Western Corridor in Import cycle has improved by 22% as compared to previous month (29.3 hrs in Nov'18 to 22.7 hrs in Dec'18), which is due to 24% and 2% improvement in port dwell time performance of Truck and Rail bound containers respectively

Jawaharlal Nehru Port Trust Region

- Port Dwell Time Performance at JNPT in Import cycle has improved by 26% as compared to previous month (27.6 hrs in Nov'18 to 20.4 hrs in Dec'18) and 22% as compared to last year (26 hrs in Dec'17)
- Port Dwell Time Performance at JNPT in Export cycle has improved by 2% as compared to previous month (73.2 hrs in Nov'18 to 71.6 hrs in Dec'18) and 11% as compared to last year (80.8 hrs in Dec'17)
- Transit Time between JNPT Region Terminal(s) and CFS(s) has improved by 10% in import cycle (3.3 hrs in Nov'18 to 2.9 hrs in Dec'18), however Export Cycle transit performance has reduced by 9% as compared to pervious month (4.9 hrs in Nov'18 to 5.3 hrs in Dec'18)

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



Container Freight Stations

Entity	Nov'18 (in hrs)	Dec'18 (in hrs)
CFS	87.9	84.5
ICD	149.6	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)

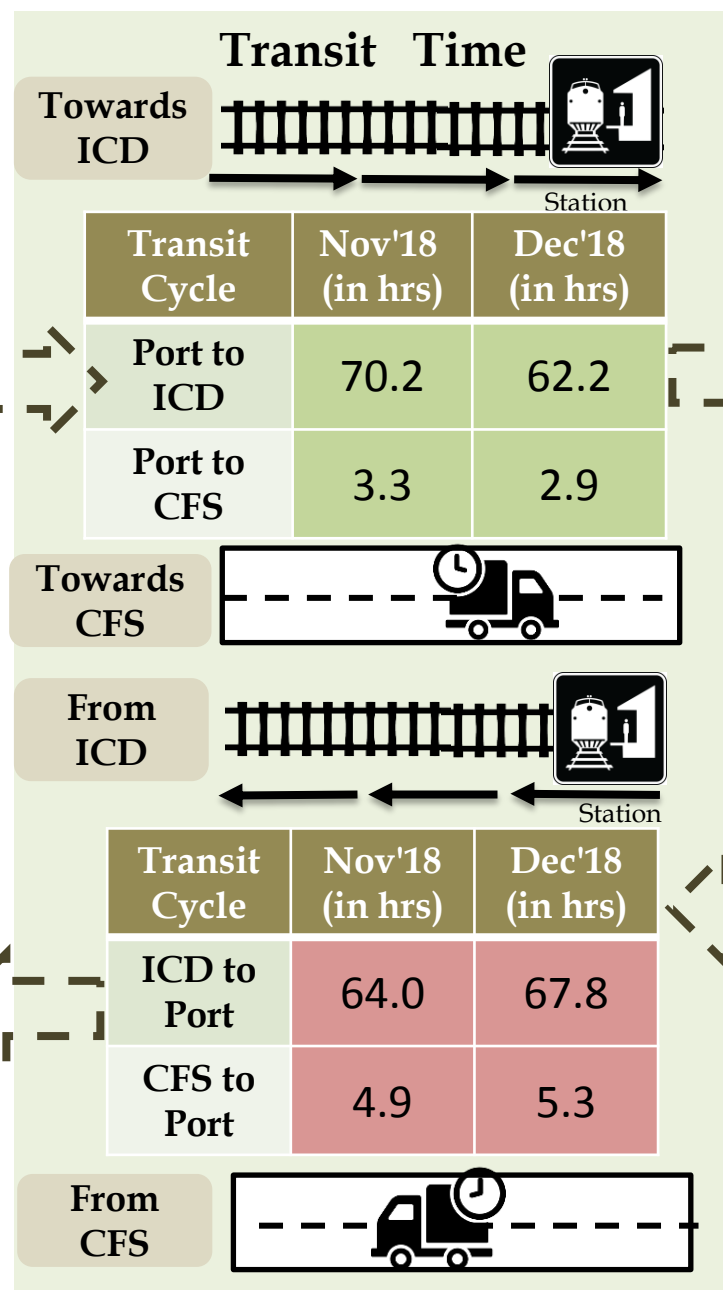
IMPORT

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



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

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%	↑
TRANSIT TIME	Port Dwell for Laden Containers	20	28%	↑
	Port to ICD	62.2	11%	↑
	Port to CFS	2.9	10%	↑



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

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	91.5	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%	↓
TRANSIT TIME	Port Dwell for Laden Containers	66.7	3%	↑
	ICD to Port	67.8	6%	↓
	CFS to Port	5.3	9%	↓



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	Dec'18
45.0 hrs	42.1 hrs

Low Performing Terminal

APSEZ - 4

Nov'18	Dec'18
71.8 hrs	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- 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

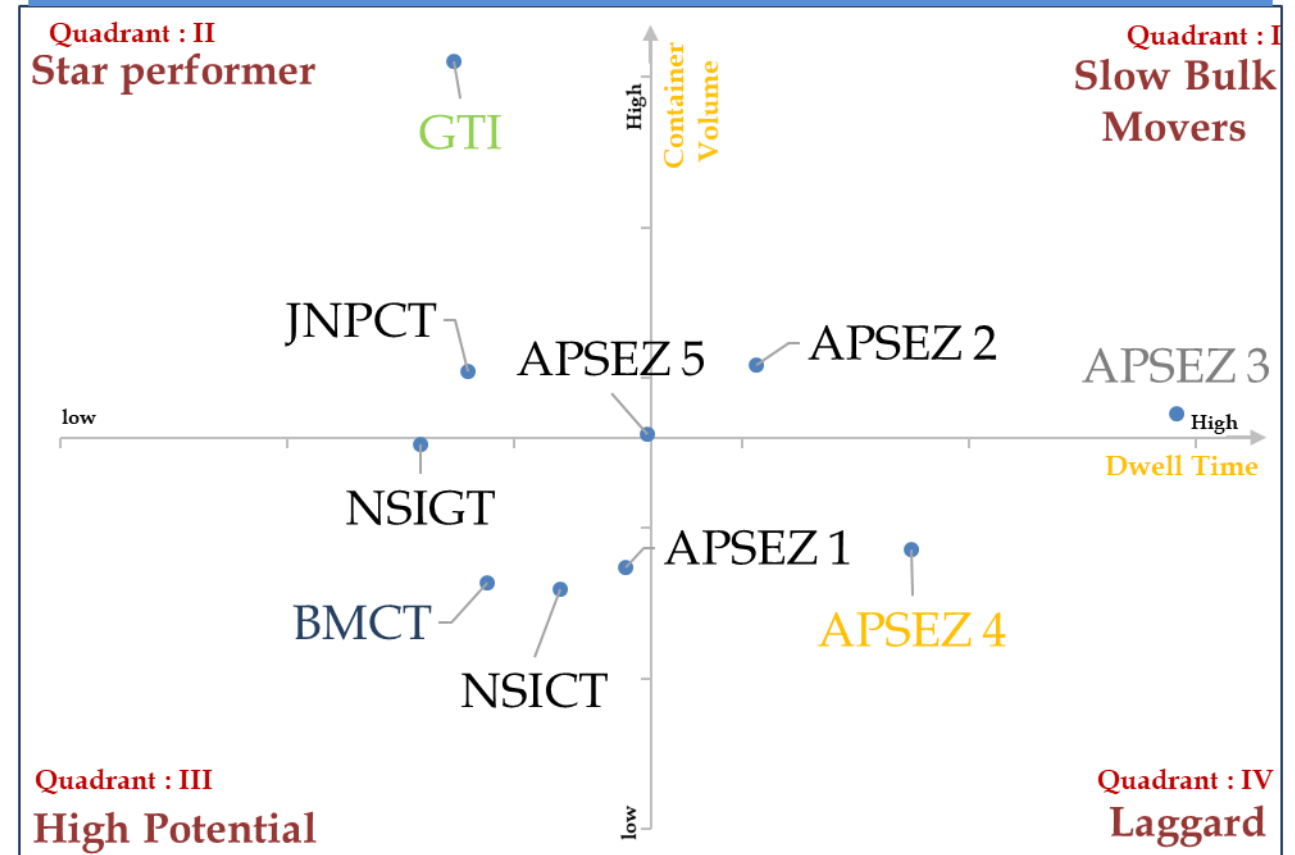
Star Performer: consist of entities which have catered relatively high container volume in lower dwell time

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

Port Terminal Performance Index : Dec'18



Performance Benchmarking – Container Freight Station (CFS)

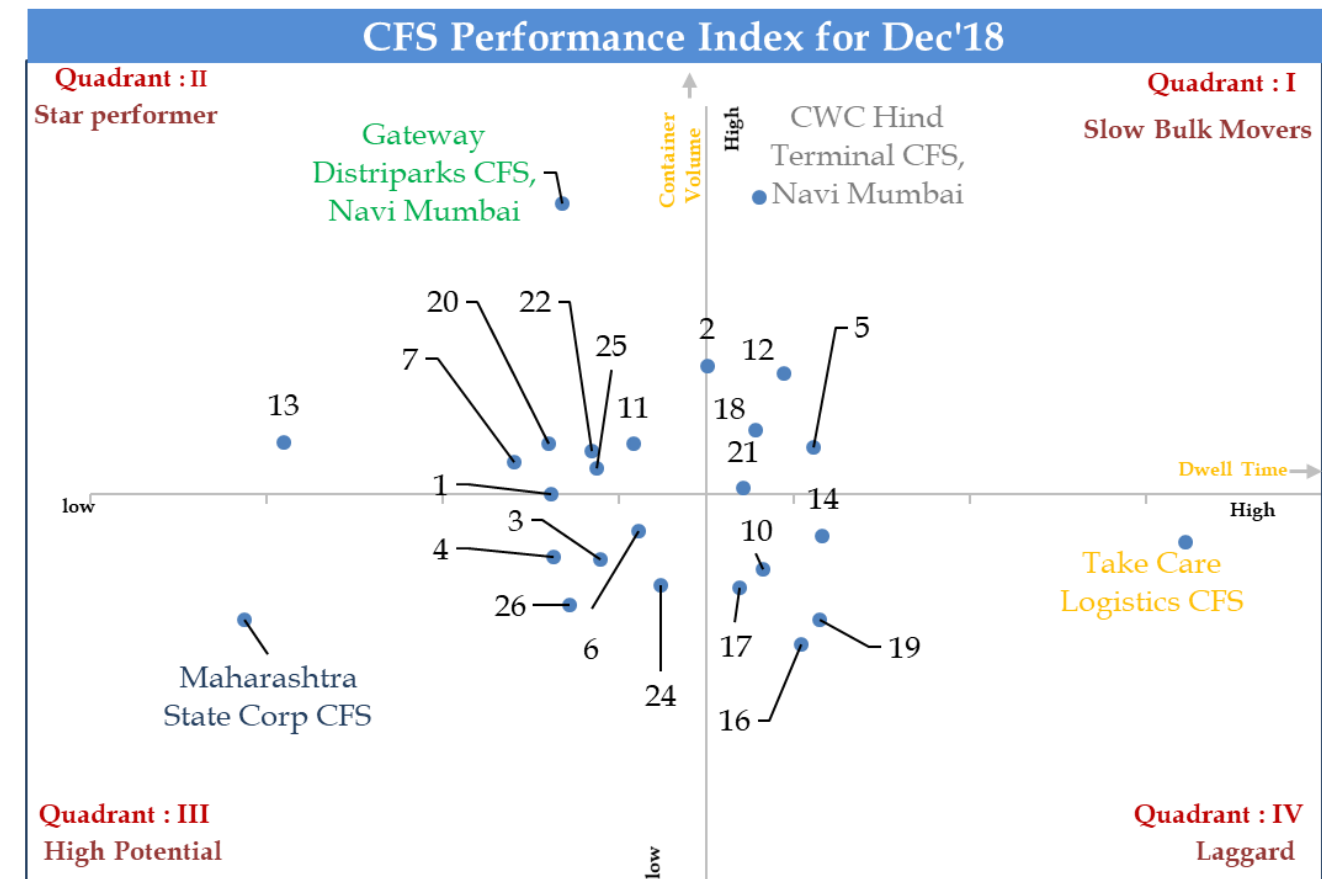
Performance benchmarking for CFS(s) covered under LDB project for Dec'18

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)

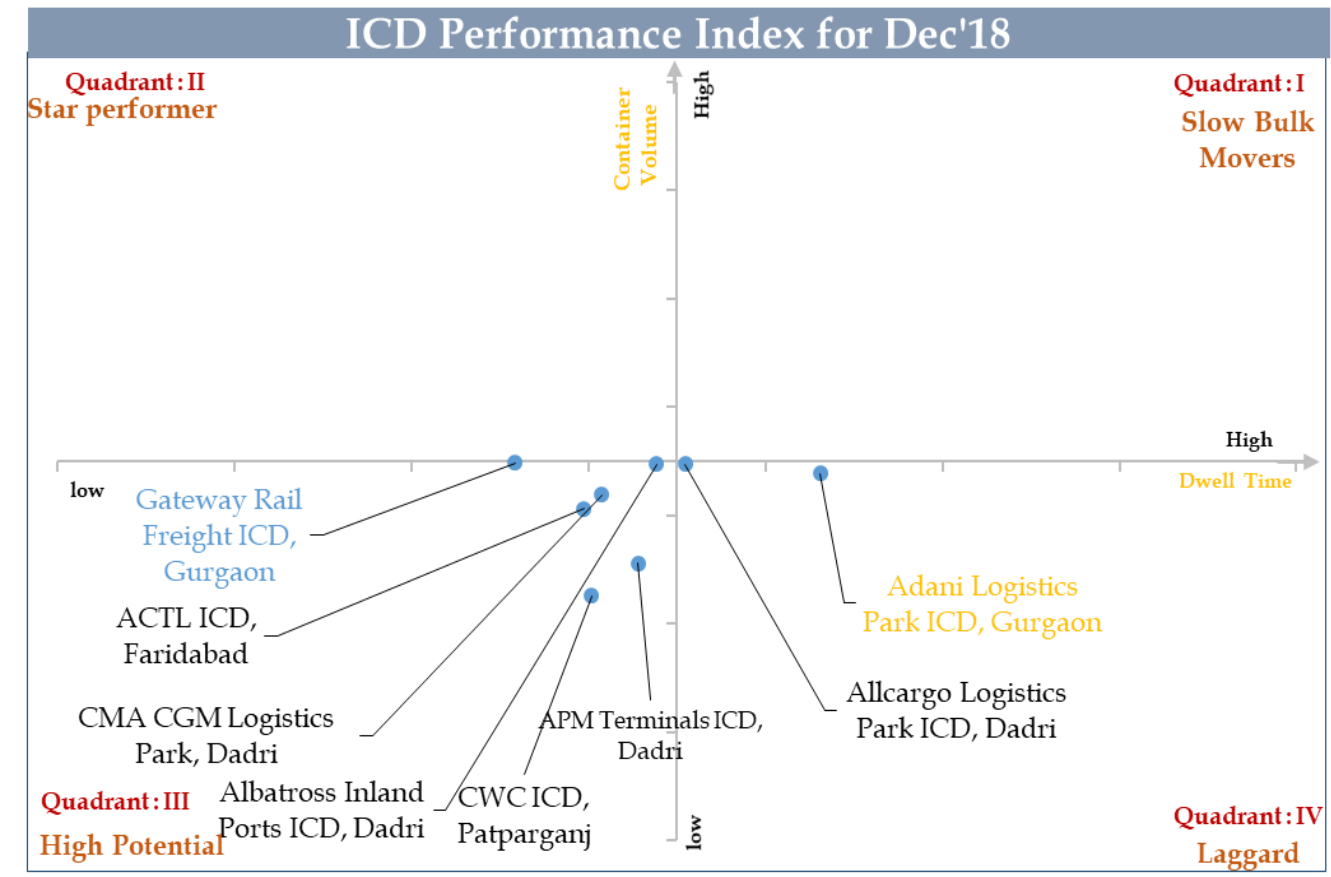
 Performance benchmarking for ICD(s) covered under LDB project for Dec'18

Top Performing ICD		
Gateway Rail Freight ICD, Gurgaon		
Nov'18	Dec'18	↑
120.7 hrs	102.2 hrs	

Low Performing ICD		
Adani Logistics Park ICD, Gurgaon		
Nov'18	Dec'18	↓
160.3 hrs	176.8 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



Import Cycle Analysis

JNPT Port Terminal: Dwell Time Performance (Import Cycle)

The below tables depict the port dwell time performance at JNPT port for truck and train bound containers in import cycle

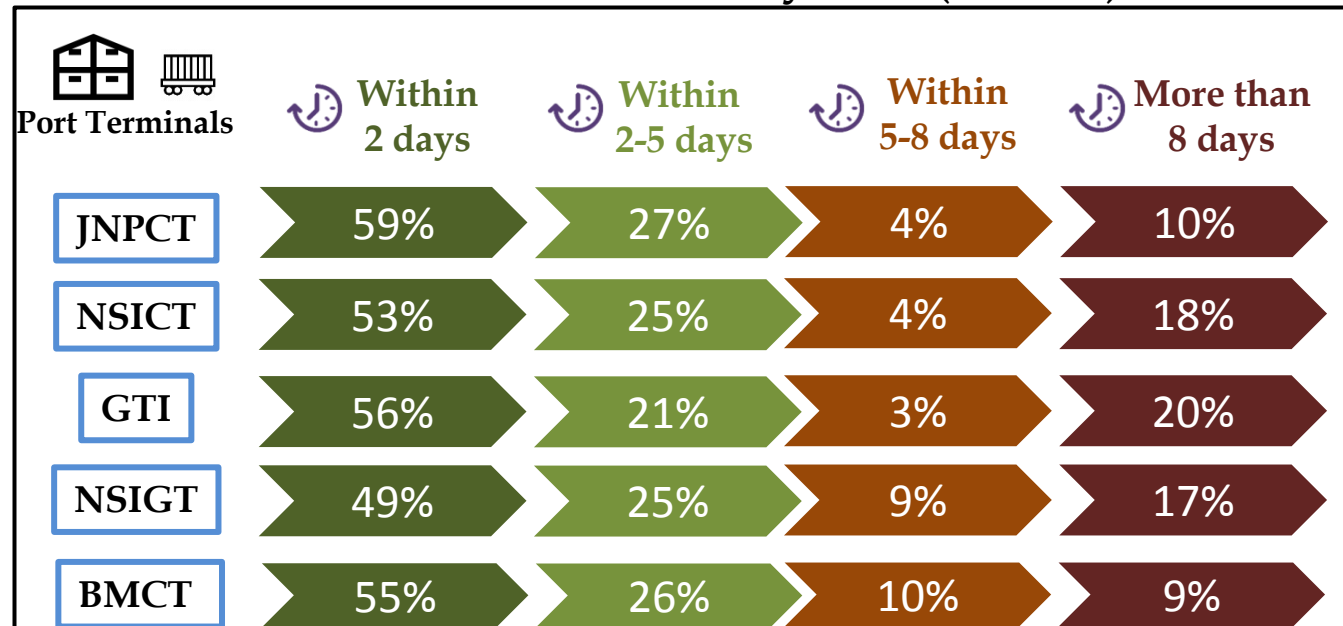
PORT IMPORT via TRAIN

(17% of total import volume at JNPT Port)

The Port Dwell time data for train bound container movement in import cycle is depicted below. Port dwell time is the time duration between the entry of the container in Port terminal to the time it moves out of the Port terminal

Port	Nov'18 (in hrs)	Dec'18 (in hrs)
JNPCT	39.5	39.7
NSICT	48.9	41.9
GTI	41.6	39.3
NSIGT	50.9	50.0
BMCT	50.4	45.0

Container Handled: Day wise (Dec'18)



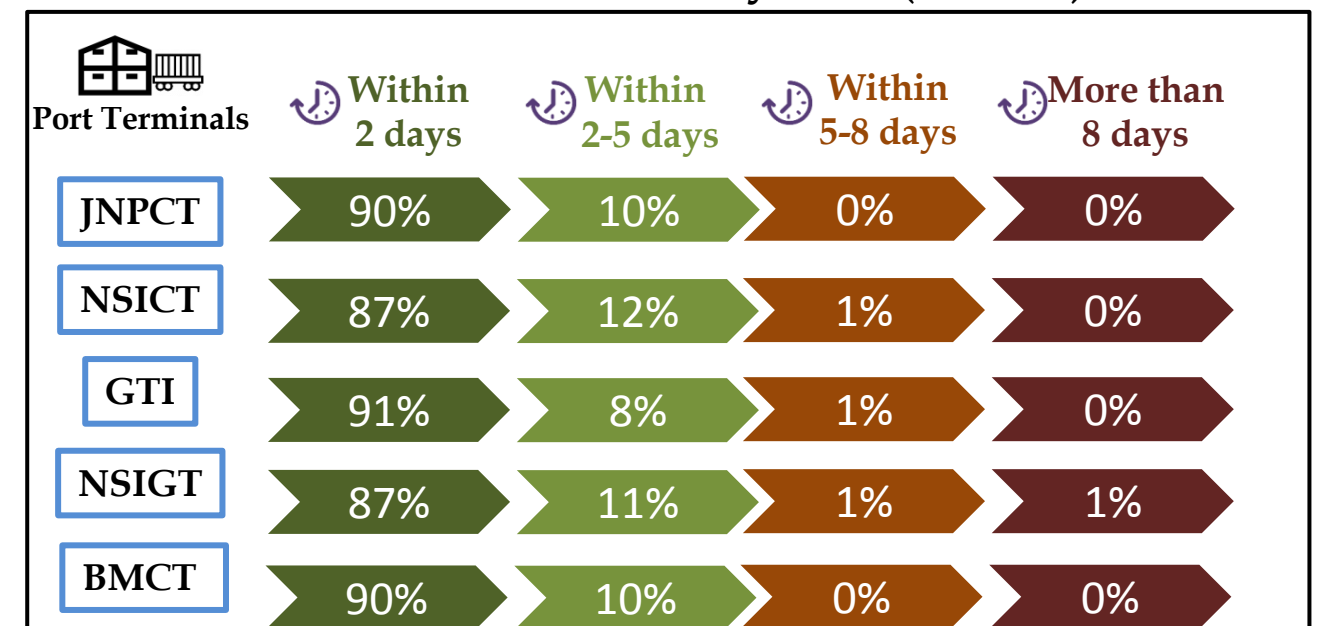
PORT IMPORT via TRUCK

(83% of total import volume at JNPT Port)

The Port Dwell time data for Truck bound container movement in import cycle is depicted below. Port dwell time is the time duration between the entry of the container in Port terminal to the time it moves out of the Port terminal

Port	Nov'18 (in hrs)	Dec'18 (in hrs)
JNPCT	28.5	18.8
NSICT	31.0	23.2
GTI	21.7	16.1
NSIGT	25.8	18.8
BMCT	24.2	20.3

Container Handled: Day wise (Dec'18)



The below tables depict the detailed JNPT region port performance in the month of Dec'18

JNPCT			
Port Dwell time based on transit type			
Dec'18	Direct Port Delivery containers	Containers bound for CFS	Containers bound for ICD
Dwell time (in hrs)	31.4 hrs	16.8 hrs	31.5 hrs
Port Dwell time based on container occupancy			
Dec'18	Laden Containers	Empty Containers	
Dwell time (in hrs)	20.4 hrs	29.0 hrs	

GTI			
Port Dwell time based on transit type			
Dec'18	Direct Port Delivery containers	Containers bound for CFS	Containers bound for ICD
Dwell time (in hrs)	35.9 hrs	14.8 hrs	20.8 hrs
Port Dwell time based on container occupancy			
Dec'18	Laden Containers	Empty Containers	
Dwell time (in hrs)	18.3 hrs	23.4 hrs	

JNPT Port Terminal: Dwell Time Performance (Import Cycle)

The below tables depict the detailed JNPT region port performance in the month of Dec'18

NSICT			
Port Dwell time based on transit type			
Dec'18	Direct Port Delivery containers	Containers bound for CFS	Containers bound for ICD
Dwell time (in hrs)	-	20.5 hrs	28.3 hrs

Port Dwell time based on container occupancy		
Dec'18	Laden Containers	Empty Containers
Dwell time (in hrs)	24.3 hrs	26.8 hrs

NSIGT			
Port Dwell time based on transit type			
Dec'18	Direct Port Delivery containers	Containers bound for CFS	Containers bound for ICD
Dwell time (in hrs)	-	17.6 hrs	20.6 hrs

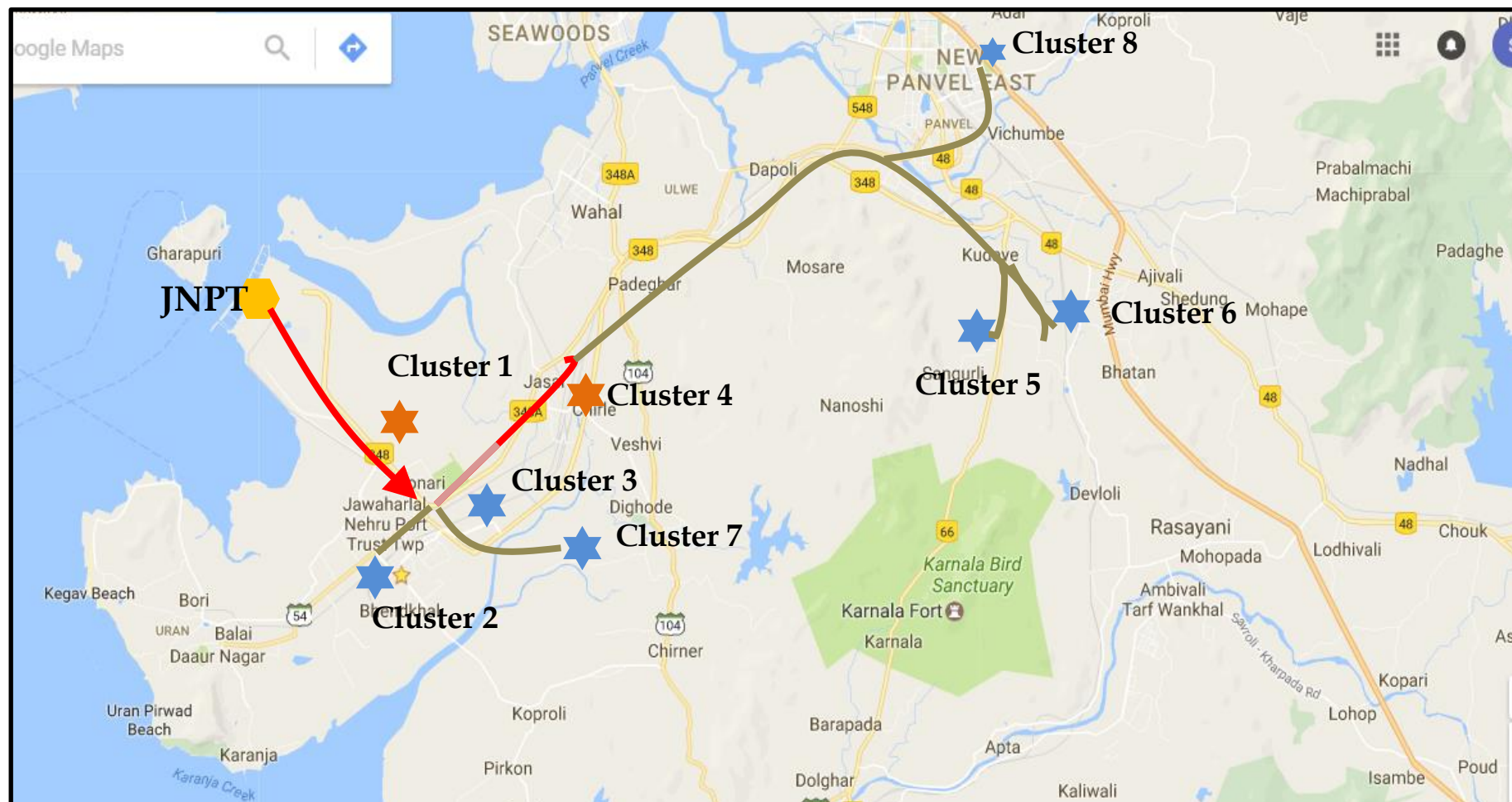
Port Dwell time based on container occupancy		
Dec'18	Laden Containers	Empty Containers
Dwell time (in hrs)	20.8 hrs	25.9 hrs

BMCT			
Port Dwell time based on transit type			
Dec'18	Direct Port Delivery containers	Containers bound for CFS	Containers bound for ICD
Dwell time (in hrs)	32.3 hrs	18.0 hrs	-

Port Dwell time based on container occupancy		
Dec'18	Laden Containers	Empty Containers
Dwell time (in hrs)	21.0 hrs	37.5 hrs

JNPT Region: Congestion Analysis (Import Cycle)

The Below map indicate congestion around JNPT region in Import Cycle in month of 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

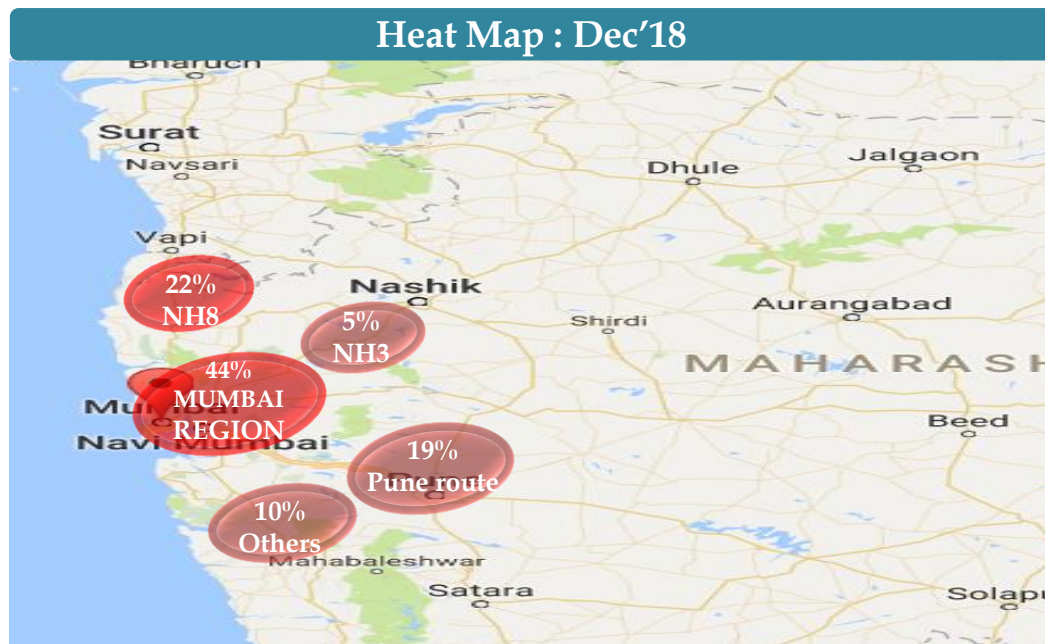
The below table and graphs depict the container movement across JNPT port region in Import cycle

Truck

HEAT MAP : OVERALL MUMBAI REGION

Region	Dec'18
Mumbai region	44%
NH3	5%
Pune	19%
NH8	22%
others	10%

The figure depicts the movement of containers via truck in and around Mumbai region.

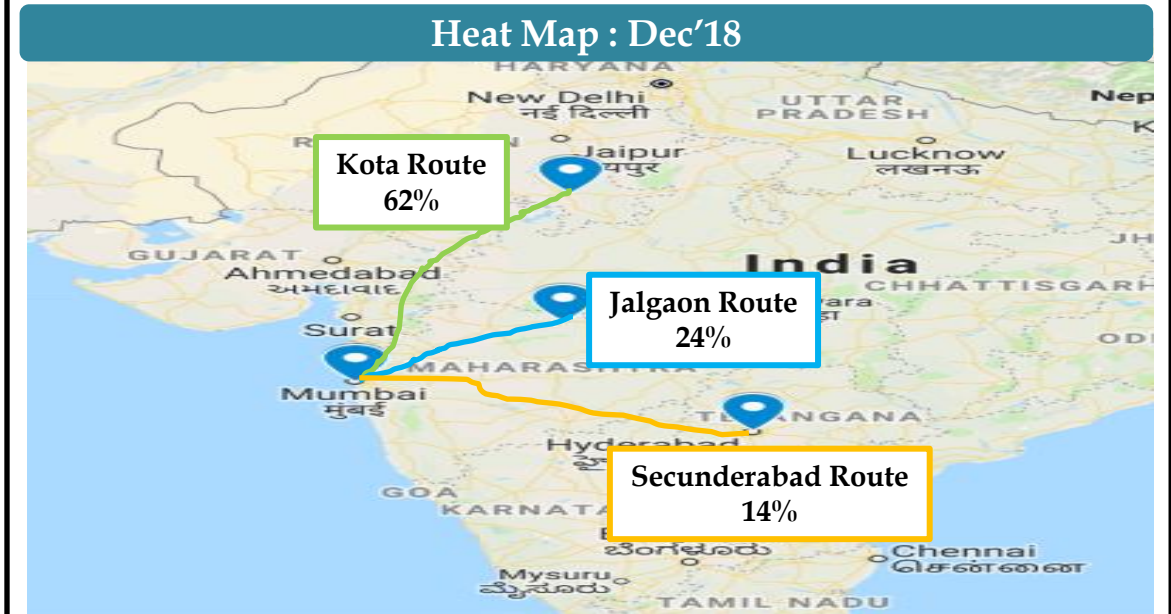


Train

VOLUME WISE CONTAINER MOVEMENT

Region	Dec'18
Secunderabad Route	14%
Kota Route	62%
Jalgaon Route	24%

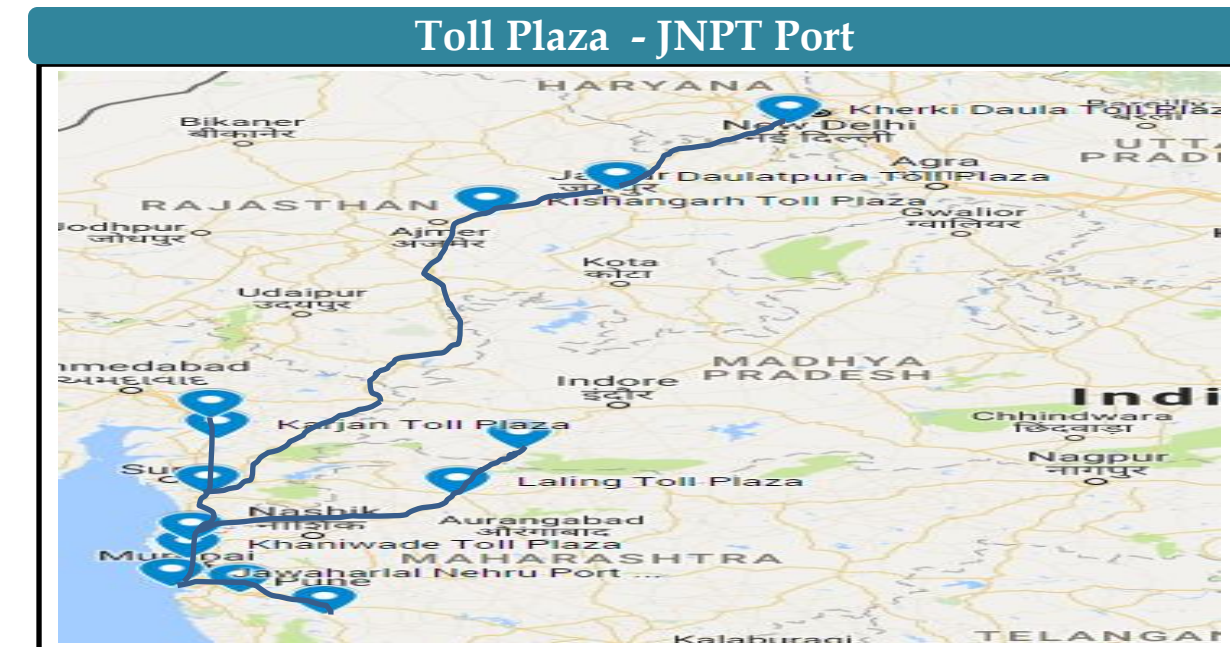
The map shows the volume wise container movement through different railway routes in import cycle



The below table depicts transit performance between toll plaza(s) based on average transit speed between two entities

Avg. Speed between Toll Plazas

Source	Destination Toll Plaza	Inter Distance (Km)	Nov'18 Avg. Speed (Km/Hr.)	Dec'18 Avg. Speed (Km/Hr.)
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



Export Cycle Analysis

JNPT Region: Dwell Time Performance (Export Cycle)

The below tables depict the port dwell time performance at JNPT port for truck and train bound containers in export cycle

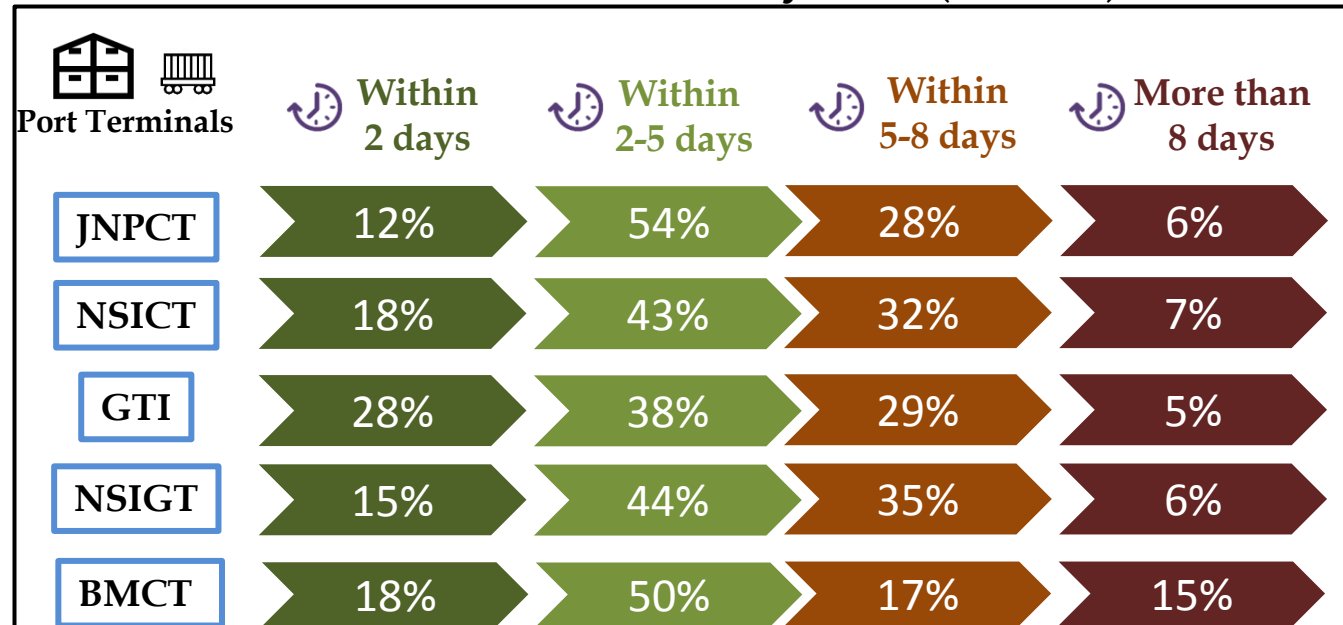
PORT EXPORT via TRAIN

(13% of total import volume at JNPT Port)

The Port Dwell time data for train bound container movement in export cycle is depicted below. Port dwell time is the time duration between the entry of the container in Port terminal to the time it moves out of the Port terminal

Port	Nov'18 (in hrs)	Dec'18 (in hrs)
JNPCT	113.9	100.3
NSICT	105.5	99.9
GTI	99.3	83.6
NSIGT	114.9	108.6
BMCT	-	85.8

Container Handled: Day wise (Dec'18)



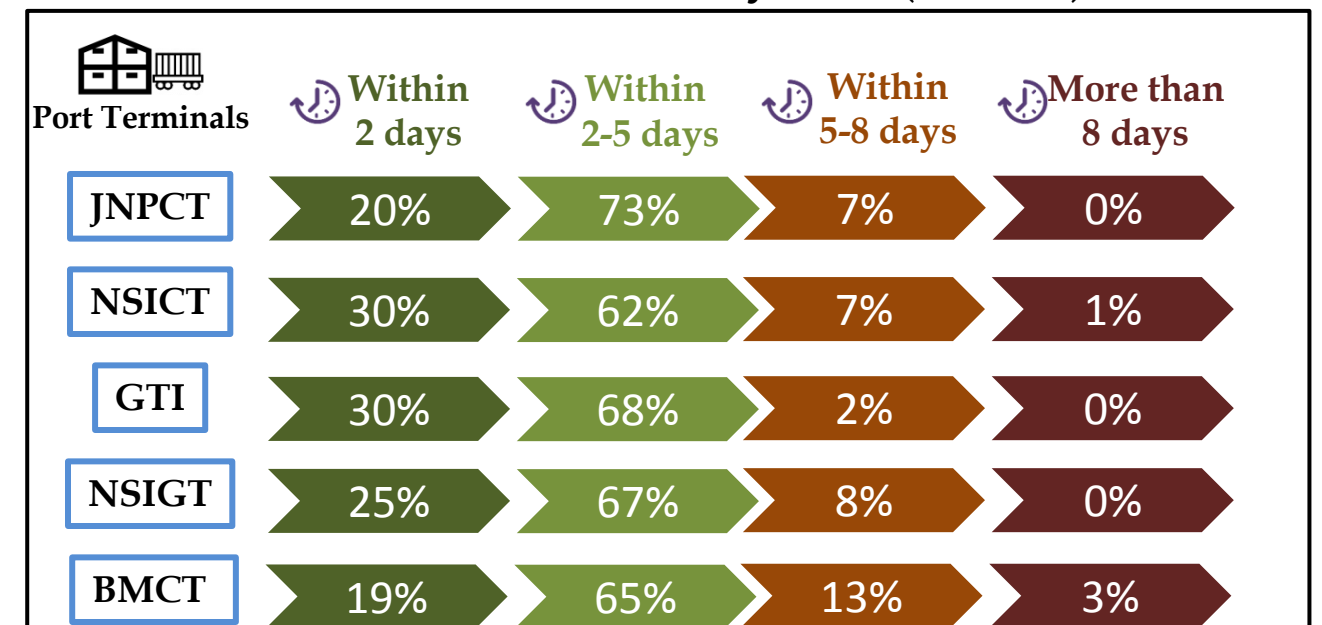
PORT EXPORT via TRUCK

(87% of total import volume at JNPT Port)

The Port Dwell time data for Truck bound container movement in export cycle is depicted below. Port dwell time is the time duration between the entry of the container in Port terminal to the time it moves out of the Port terminal

Port	Nov'18 (in hrs)	Dec'18 (in hrs)
JNPCT	77.9	73.0
NSICT	67.4	70.0
GTI	68.3	64.3
NSIGT	68.7	71.6
BMCT	60.7	82.5

Container Handled: Day wise (Dec'18)



The below tables depict the Dwell Time of containers based on their transit and occupancy at JNPT port for Dec'18

JNPCT

Port Dwell time based on transit type			
Dec'18	Direct Port Export containers	Containers bound from CFS	Containers bound from ICD
Dwell time (in hrs)	65.3 hrs	71.0 hrs	105.4 hrs

Port Dwell time based on container occupancy		
Dec'18	Laden Containers	Empty Containers
Dwell time (in hrs)	65.6 hrs	79.9 hrs

GTI

Port Dwell time based on transit type			
Dec'18	Direct Port Export containers	Containers bound from CFS	Containers bound from ICD
Dwell time (in hrs)	62.0 hrs	61.8 hrs	87.2 hrs

Port Dwell time based on container occupancy		
Dec'18	Laden Containers	Empty Containers
Dwell time (in hrs)	61.7 hrs	76.6 hrs

The below tables depict the Dwell Time of containers based on their transit and occupancy at JNPT port for Dec'18

NSICT			
Port Dwell time based on transit type			
Dec'18	Direct Port Export containers	Containers bound from CFS	Containers bound from ICD
Dwell time (in hrs)	-	66.5 hrs	-

Port Dwell time based on container occupancy		
Dec'18	Laden Containers	Empty Containers
Dwell time (in hrs)	72.8 hrs	53.1 hrs

NSIGT			
Port Dwell time based on transit type			
Dec'18	Direct Port Export containers	Containers bound from CFS	Containers bound from ICD
Dwell time (in hrs)	-	70.8 hrs	103.5 hrs

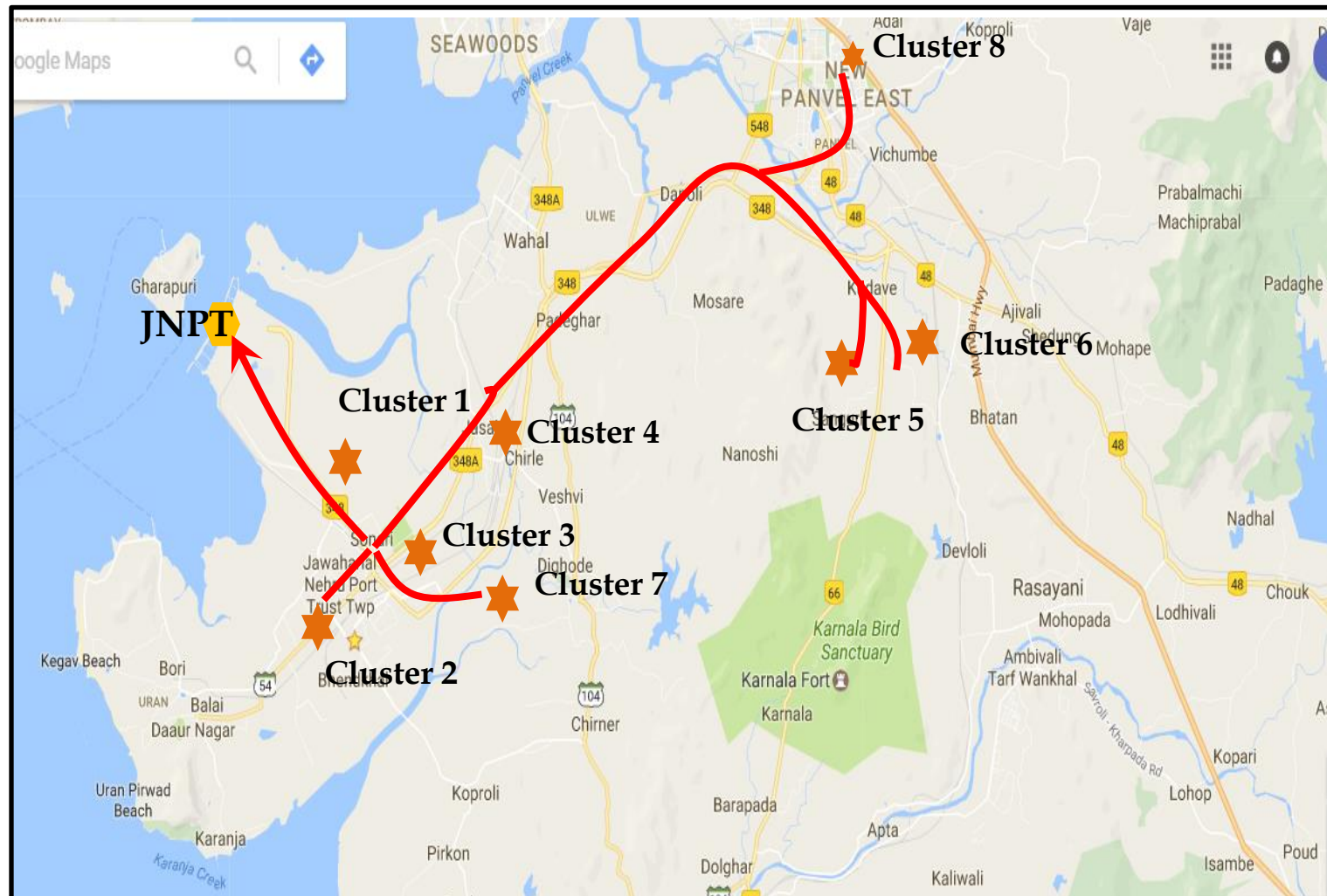
Port Dwell time based on container occupancy		
Dec'18	Laden Containers	Empty Containers
Dwell time (in hrs)	74.3 hrs	72.8 hrs

BMCT			
Port Dwell time based on transit type			
Dec'18	Direct Port Export containers	Containers bound from CFS	Containers bound from ICD
Dwell time (in hrs)	-	-	-

Port Dwell time based on container occupancy		
Dec'18	Laden Containers	Empty Containers
Dwell time (in hrs)	75.3 hrs	93.8 hrs

JNPT Region: Congestion Analysis (Export Cycle)

The Below map indicate congestion around JNPT region in Export Cycle in month of Dec'18



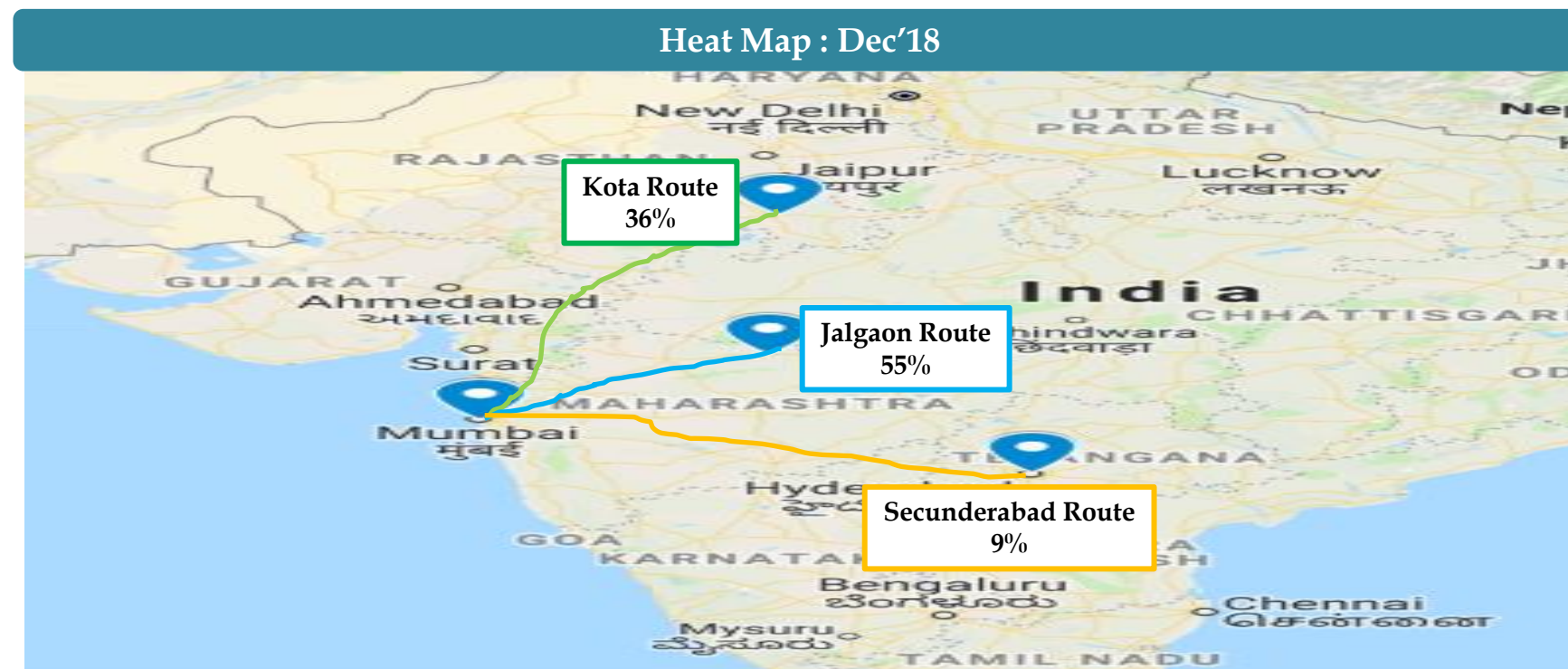
Cluster with bottleneck	
CLUSTER 1	JNPT Area
CLUSTER 2	Bhendkhal area, Khopate road
CLUSTER 3	Sonari area, JNPT road
CLUSTER 4	Chirle area, JNPT road
CLUSTER 5	Plaspa area, Coachi kanyakumari Highway
CLUSTER 6	Salva apta rd area, Bangalore highway
CLUSTER 7	Patilpada area, Khopate JNPT road
CLUSTER 8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

Legends

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

Export Cycle - JNPT	
Route	Percentage of Container Movement
Kota Route	36%
Jalgaon Route	55%
Secunderabad Route	9%

The map shows the volume wise container movement through different railway routes in export cycle for Dec'18

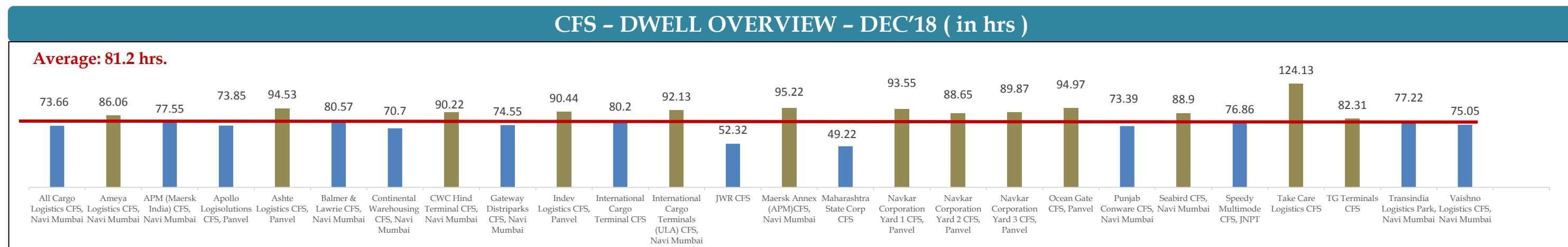


CFS and ICD Performance

JNPT region CFS : CFS DWELL TIME ANALYSIS

Below table and graphs show the dwell time of the respective CFSs for the month of Dec'18

CFS Dwell Time (in hrs)					
CFS	Nov'18 (in hrs)	Dec'18 (in hrs)	CFS	Nov'18 (in hrs)	Dec'18 (in hrs)
All Cargo Logistics CFS, Navi Mumbai	81.92	73.66	Maersk Annex (APM)CFS, Navi Mumbai	109.13	95.22
Ameya Logistics CFS, Navi Mumbai	96.29	86.06	Maharashtra State Corp CFS	51.54	49.22
APM (Maersk India) CFS, Navi Mumbai	97.78	77.55	Navkar Corporation Yard 1 CFS, Panvel	94.83	93.55
Apollo Logisolutions CFS, Panvel	104.44	73.85	Navkar Corporation Yard 2 CFS, Panvel	95.85	88.65
Ashte Logistics CFS, Panvel	102.67	94.53	Navkar Corporation Yard 3 CFS, Panvel	91.59	89.87
Balmer & Lawrie CFS, Navi Mumbai	102.68	80.57	Ocean Gate CFS, Panvel	86.75	94.97
Continental Warehousing CFS, Navi Mumbai	77.25	70.70	Punjab Conware CFS, Navi Mumbai	74.84	73.39
CWC Hind Terminal CFS, Navi Mumbai	93.78	90.22	Seabird CFS, Navi Mumbai	90.35	88.90
Gateway Distriparks CFS, Navi Mumbai	88.30	74.55	Speedy Multimode CFS, JNPT	84.48	76.86
Indev Logistics CFS, Panvel	96.02	90.44	Take Care Logistics CFS	126.83	124.13
International Cargo Terminal CFS	81.12	80.20	TG Terminals CFS	92.41	82.31
International Cargo Terminals (ULA) CFS, Navi Mumbai	95.97	92.13	Transindia Logistics Park, Navi Mumbai	82.51	77.22
JWR CFS	56.65	52.32	Vaishno Logistics CFS, Navi Mumbai	81.45	75.05



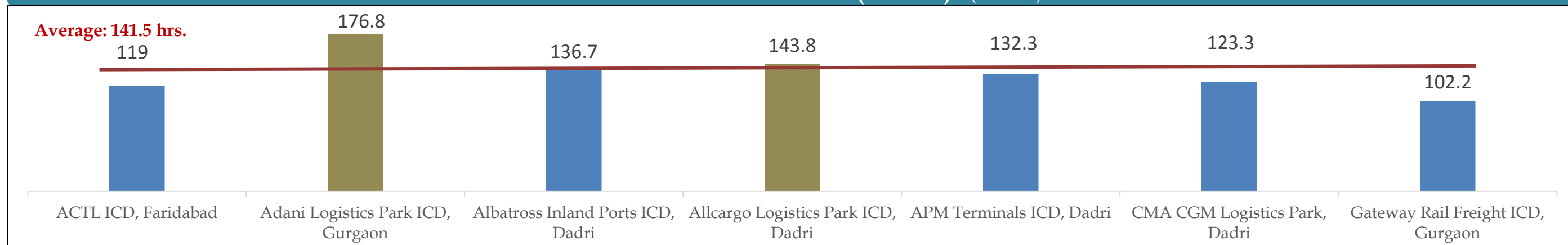
■ CFS with Dwell time less then Average dwell time
■ CFS with Dwell time more then Average dwell time

ICD DWELL TIME ANALYSIS

The table below depicts the dwell of all ICDs

ICD Dwell Time (in Hrs)		
ICD	Nov'18	Dec'18
ACTL ICD, Faridabad	119.5	119.0
Adani Logistics Park ICD, Gurgaon	160.3	176.8
Albatross Inland Ports ICD, Dadri	125.0	136.7
Allcargo Logistics Park ICD, Dadri	155.0	143.8
APM Terminals ICD, Dadri	147.1	132.3
CMA CGM Logistics Park, Dadri	125.7	123.3
Gateway Rail Freight ICD, Gurgaon	120.7	102.2

ICD - DWELL OVERVIEW (Dec'18) (In Hrs)



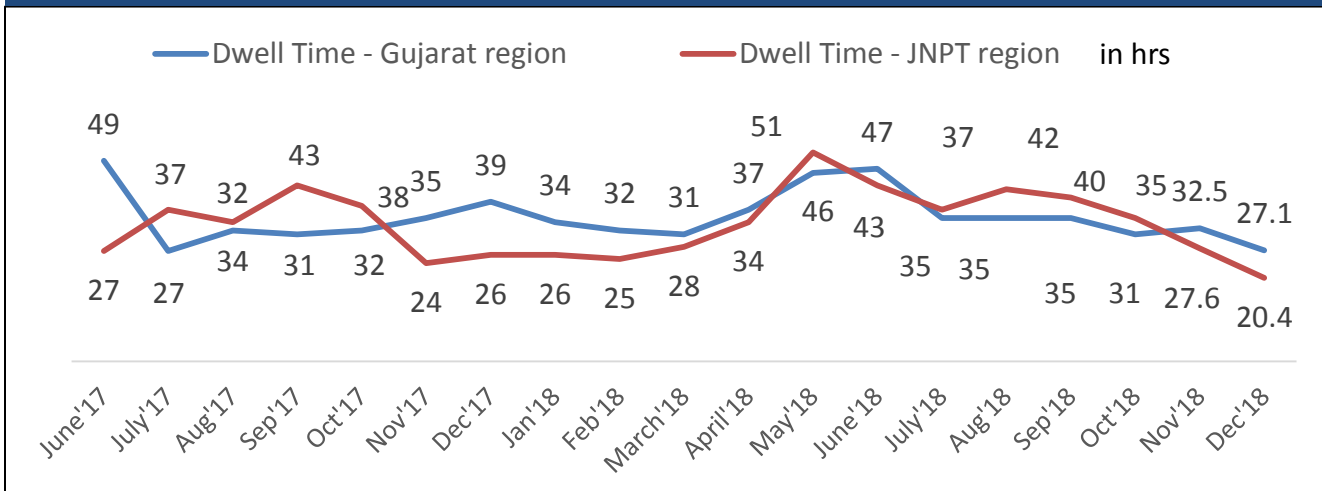
- ICD with Dwell time less then Average dwell time
- ICD with Dwell time more then Average dwell time

Trend Analysis

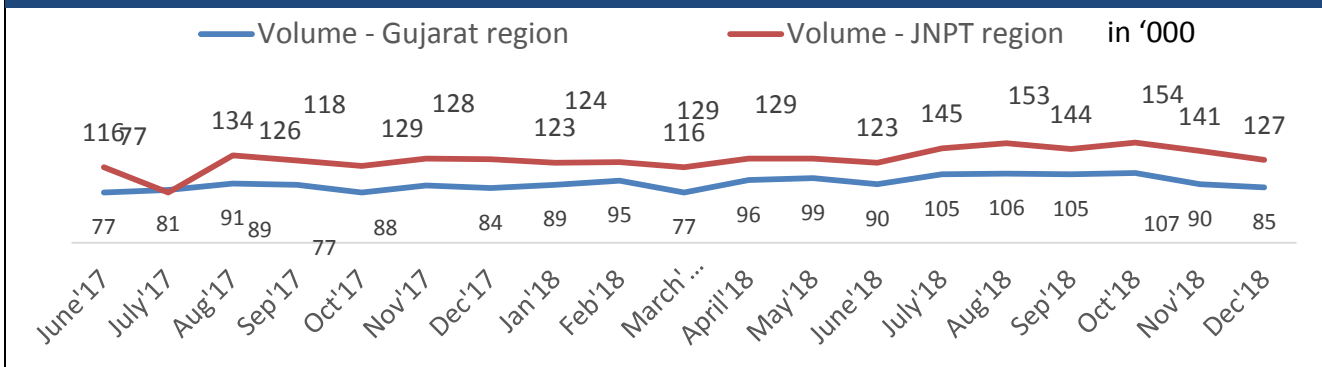
Container Volume and Dwell time of all the terminals in JNPT and Gujarat Port has been analysed until Dec'18

Import Cycle

Dwell Time – Gujarat Region Vs JNPT Region



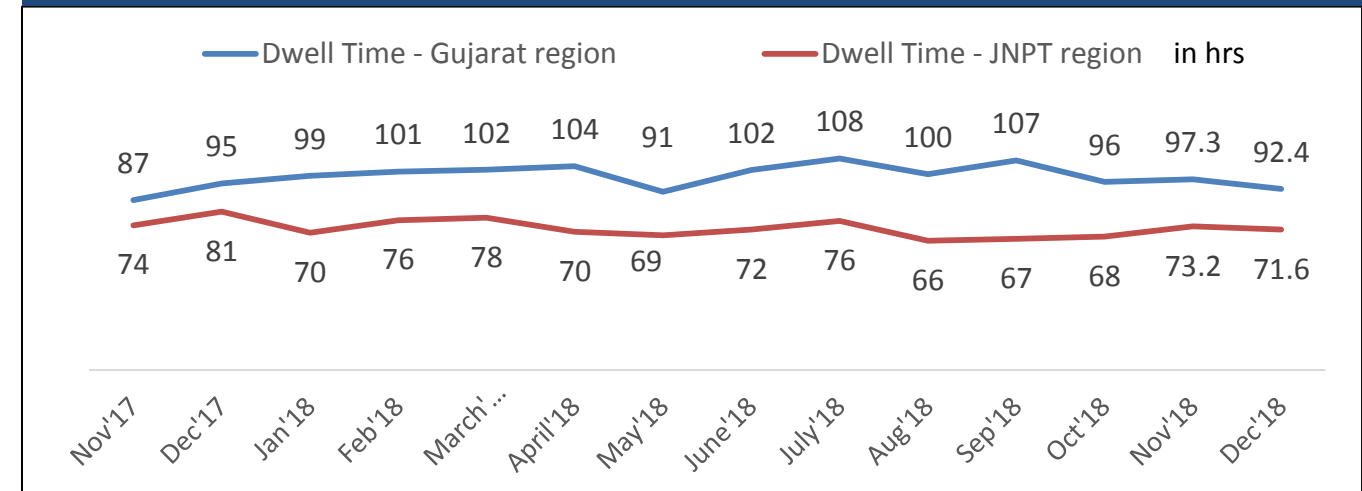
Volume – Gujarat Region Vs JNPT Region



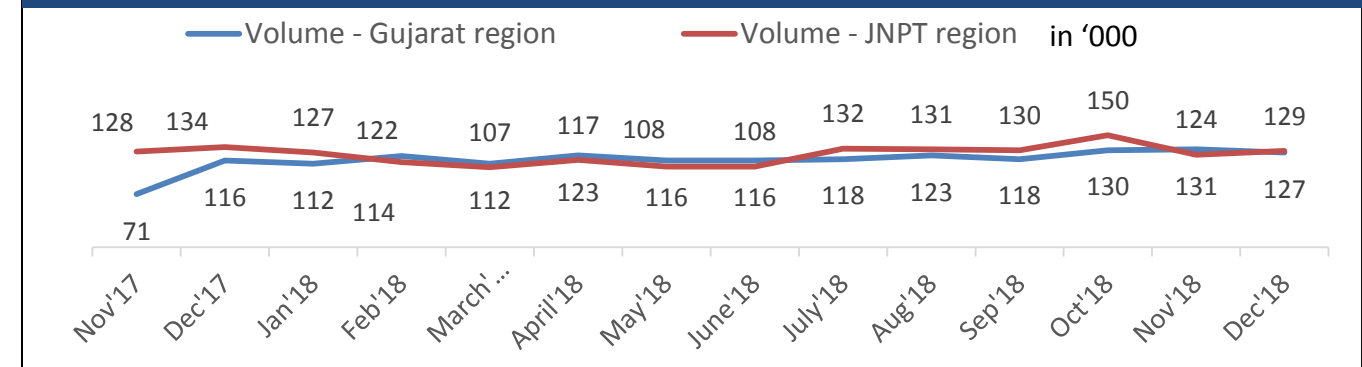
In Import cycle, for the month of Dec'18 JNPT port has catered 49% more volume than Gujarat Region, and has 24% lower dwell time than Gujarat Region

Export Cycle

Dwell Time – Gujarat Region Vs JNPT Region



Volume – Gujarat Region Vs JNPT Region



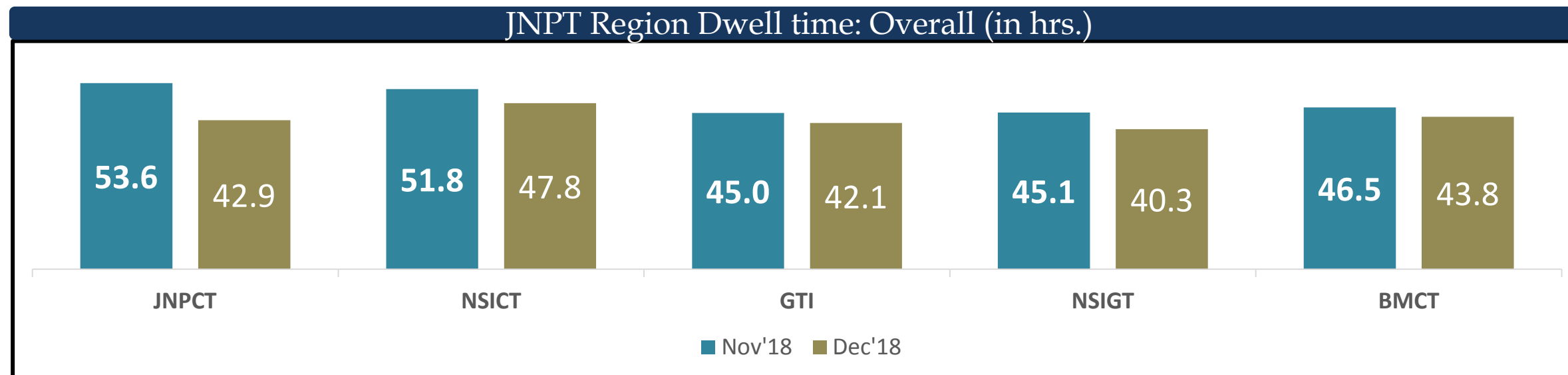
In Export cycle, for the month Dec'18 Gujarat Region catered just 1% less volume than JNPT Port, but their dwell time is 22% higher than JNPT Port

Note: Gujarat Region includes APSEZ Hazira and APSEZ Mundra Port

JNPT Port Dwell Time Trend: Month on Month

JNPT port dwell time trend :

The below table shows the overall port dwell time (i.e. import and export cycle combine) trend(Month of Month) of all the JNPT Port terminals. Port dwell time is the time duration between the entry of the container in Port terminal to the time it moves out of the Port terminal

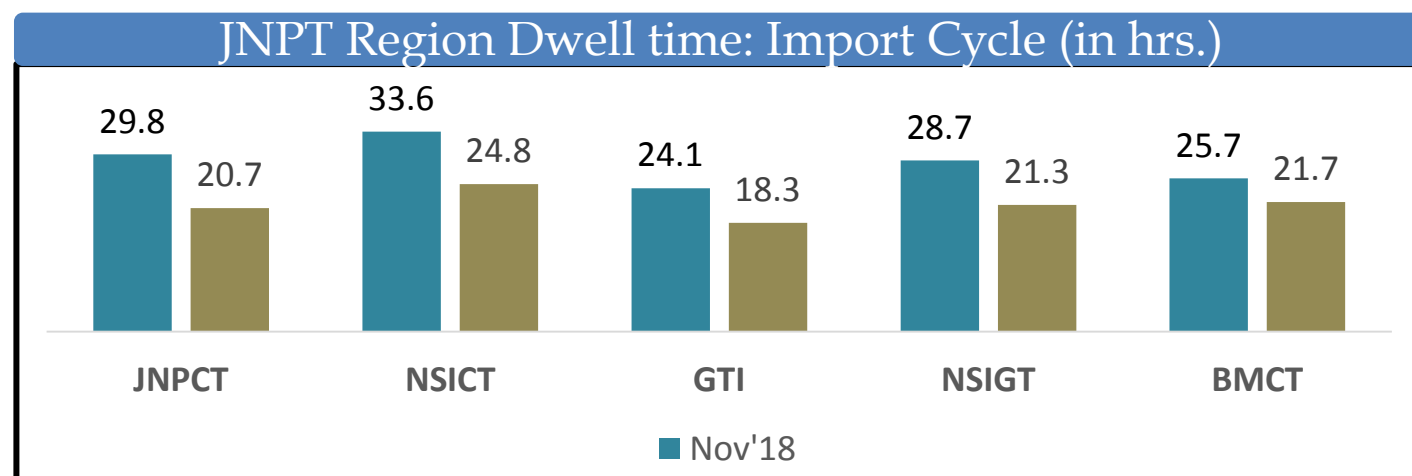


The overall JNPT region average dwell time for Dec'18 is **42.7 hrs** as compared to **48.3 hrs** in Nov'18

The below tables showcase the Import and Export cycle dwell time for both rail and truck bound containers for month of Dec'18

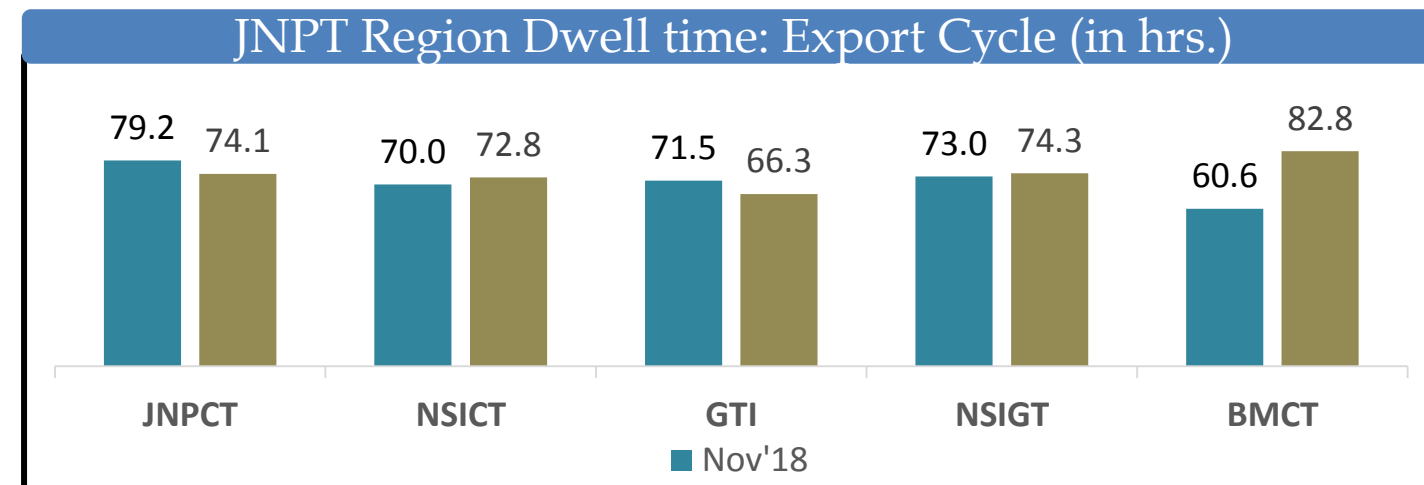
JNPT Import cycle Trend

The average import cycle dwell time of JNPT region port terminals for Dec'18 is **20.4 hrs.**



JNPT Export cycle Trend

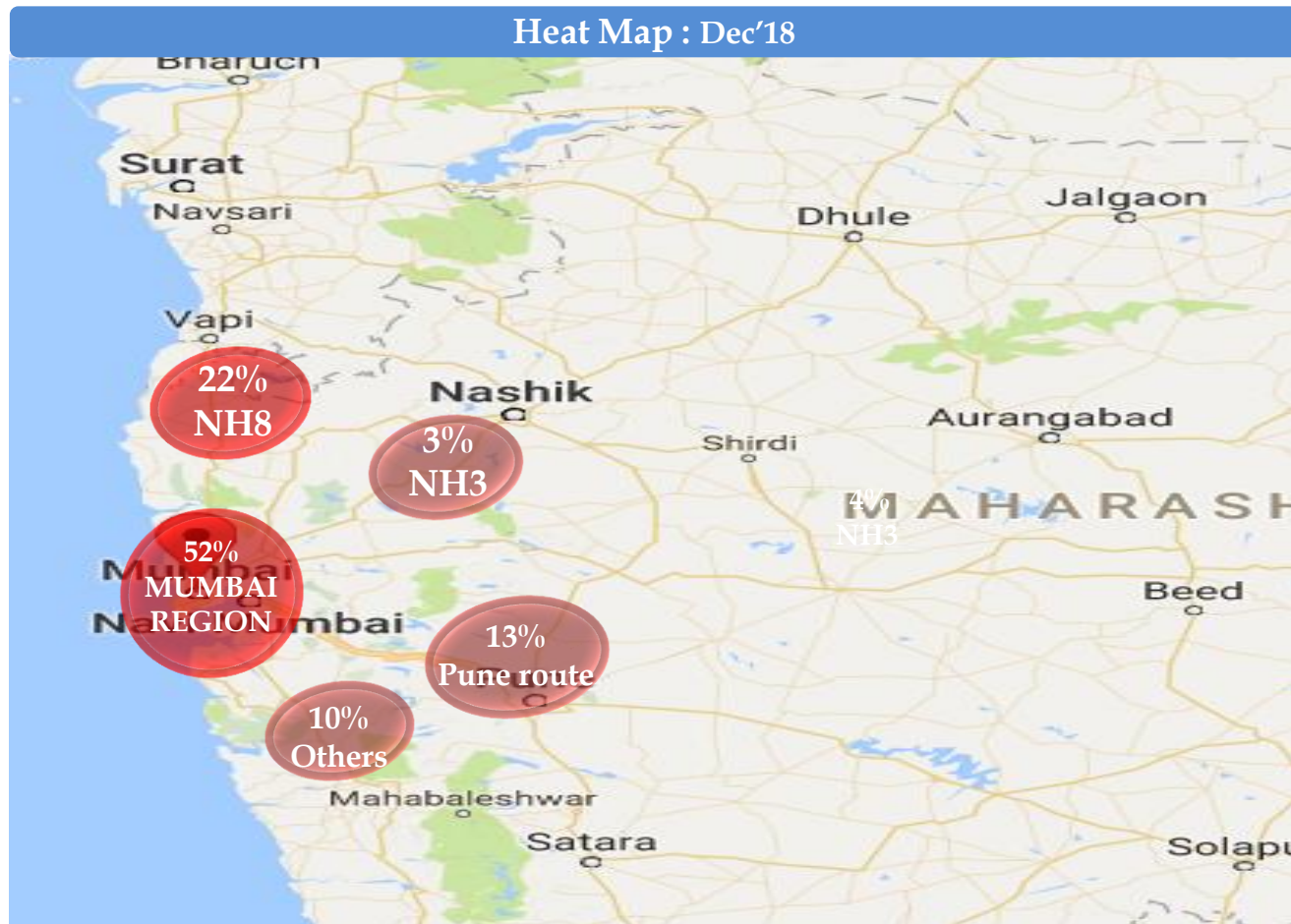
The average export cycle dwell time of JNPT region port terminals for Dec'18 is **71.6 hrs.**



ANNEXURE

Container movement around JNPT Port terminal region via Truck

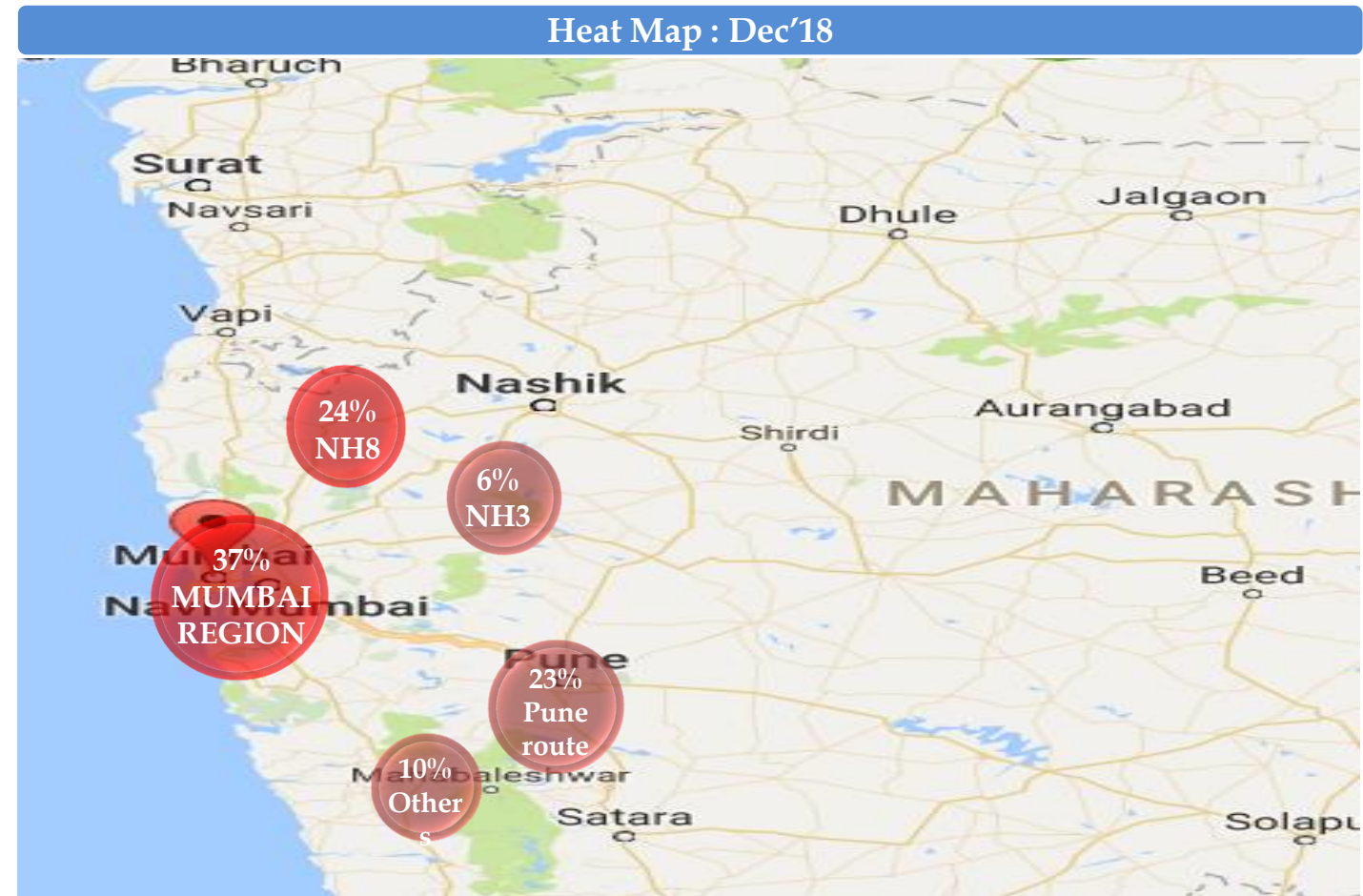
HEAT MAP : JNPCT Port Terminal



Region	Nov'18	Dec'18
Mumbai region	50%	52%
NH3	2%	3%
Pune	14%	13%
NH8	23%	22%
others	10%	10%

The heat map above depicts the movement of containers in and around the Mumbai region.

HEAT MAP : GTI Port Terminal



Region	Nov'18	Dec'18
Mumbai region	35%	37%
NH3	5%	6%
Pune	21%	23%
NH8	30%	24%
others	10%	10%

The heat map above depicts the movement of containers in and around the Mumbai region.

Container movement around JNPT Port terminal region via Truck

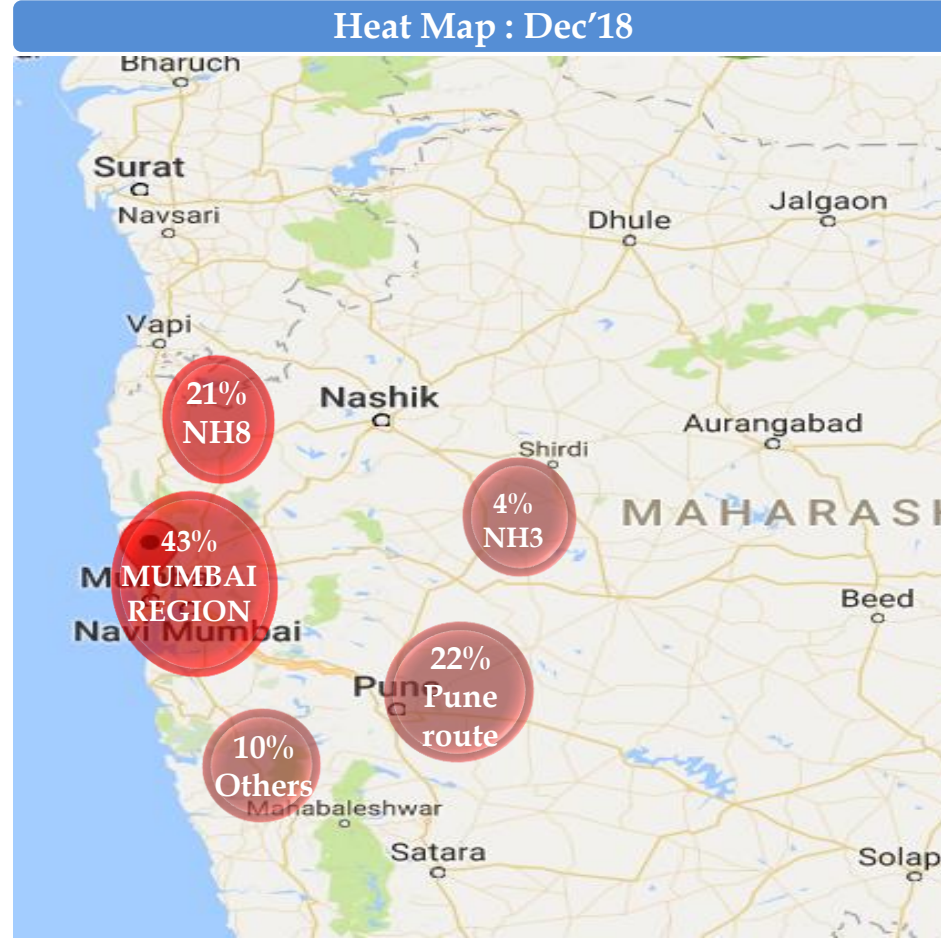
HEAT MAP : NSIGT Port Terminal



Region	Nov'18	Dec'18
Mumbai region	36%	48%
NH3	4%	6%
Pune	24%	12%
NH8	26%	24%
others	10%	10%

The heat map above depicts the movement of containers in and around the Mumbai region.

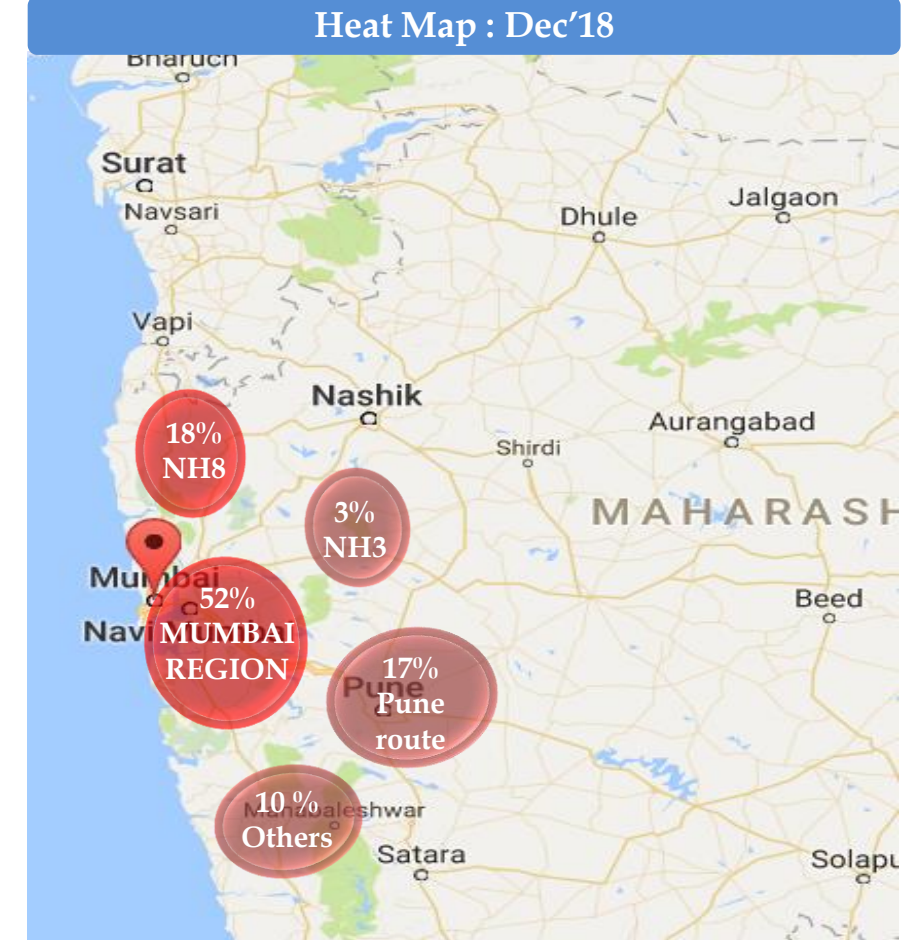
HEAT MAP : NSICT Port Terminal



Region	Nov'18	Dec'18
Mumbai region	42%	43%
NH3	4%	4%
Pune	15%	22%
NH8	29%	21%
others	10%	10%

The heat map above depicts the movement of containers in and around the Mumbai region.

HEAT MAP : BMCT Port Terminal



Region	Nov'18	Dec'18
Mumbai region	16%	52%
NH3	3%	3%
Pune	33%	17%
NH8	36%	18%
others	10%	10%

The heat map above depicts the movement of containers in and around the Mumbai region.

CFS - AVERAGE DELIVERY TIME - all CFS in Mumbai TO JNPT Port

Below table shows the delivery time in export cycle from the CFS's to PORT terminals

For Dec'18					
CFS Out Port in (Export Cycle in Hrs)					
CFS	JNPCT	GTI	NSICT	NSIGT	BMCT
Transindia Logistics Park Pvt, Ltd CFS	5.4	7.8	5.9	8.8	1.9
DRONAGIRI RAIL TERMINAL	4.1	7.1	6.8	4.6	2.1
Ocean Gate Container Terminals Pvt. Ltd.CFS	4.5	6.5	6.0	5.7	3.7
Transindia Logistics Park Pvt, Ltd CFS	5.4	7.8	5.9	8.8	1.9
NAVKAR CORPORATION LTD.YARD-III CFS	7.3	7.5	5.4	9.2	4.4
PUNJAB CONWARE (PW)	3.1	4.7	6.9	6.1	1.8
Ameya Logistics Pvt. Ltd.	5.5	9.3	8.6	9.5	4.2
Apollo Logisolutions Ltd.	10.7	8.2	8.6	6.4	2.7
Continental Warehousing (Nhava Sheva) Ltd.	2.8	5.0	4.0	3.4	1.9
Seabird Marine Services Pvt Ltd.	3.3	2.8	7.1	8.9	5.6
Balmer & Lawrie & Co. Ltd.,CFS	3.6	7.7	6.1	10.1	2.0
APM (Maersk India Pvt. Ltd)CFS	2.5	5.5	6.9	2.8	2.0
Gateway Distriparks Ltd	4.6	7.7	5.4	5.8	2.3
Ashte Logistics Pvt. Ltd.	6.8	6.0	6.4	3.5	3.4
International Cargo Terminals & Infrastructure Private Limited-CFS	4.0	7.4	3.7	3.6	3.7
All Cargo Logistics Ltd., CFS	9.8	15.0	7.9	7.3	25.8
NAVKAR CORPORATION LTD.,YARD-II CFS	8.2	9.6	11.7	10.2	5.2
MAHARASHTRA STATE WARE. CORP. CFS	3.3	5.5	9.1	5.8	2.4
Indev Logistics Pvt. Ltd.CFS	5.0	9.4	-	11.0	5.2
CWC LOGISTIC PARK - Opr.Hind Trmnl.	4.7	5.0	3.4	4.4	2.3
Vaishno Logistics Yard CFS	6.6	8.7	5.8	5.0	1.9
International Cargo Terminal CFS	3.3	8.3	4.1	3.4	2.9
SBW Logistics CFS , Navi Mumbai	-	13.4	8.8	13.4	-
CWC Dronagiri CFS	2.0	5.8	7.3	4.1	2.1
Jawaharlal Nehru Port CFS (Speedy Multimode Ltd CFS)	2.5	4.9	3.0	4.0	1.6
JWC Logistics Park Ltd CFS	38.0	13.1	-	-	2.3
NAVAKAR CORPORATION LTD.,YARD-1 CFS	7.4	9.1	-	17.1	-

CFS DELIVERY TIME ANALYSIS

CFS - AVERAGE DELIVERY TIME - GTI TO ALL CFS's IN MUMBAI

Below table shows the average delivery time in import cycle from GTI to all the CFS's

AVERAGE DELIVERY TIME (In Hrs)- GTI TO ALL CFS IN MUMBAI	
CFS	Dec'18 (in hrs)
Ameya Logistics Pvt. Ltd.	3.2
Ashte Logistics Pvt. Ltd.	5.0
Jawaharlal Nehru Port CFS (Speedy Multimode Ltd CFS)	2.1
Balmer & Lawrie & Co. Ltd.,CFS	3.3
JWC Logistics Park Ltd CFS	4.6
Transindia Logistics Park Pvt, Ltd CFS	3.1
All Cargo Logistics Ltd., CFS	2.2
International Cargo Terminal CFS	2.4
Seabird Marine Services Pvt Ltd.	3.1
SBW Logistics CFS , Navi Mumbai	8.4
International Cargo Terminals & Infrastructure Private Limited-CFS	3.5
PUNJAB CONWARE (PW)	2.7
Indev Logistics Pvt. Ltd.CFS	5.0
CWC LOGISTIC PARK - Opr.Hind Trmnl.	2.4
Continental Warehousing (Nhava Sheva) Ltd.	2.2
Gateway Distriparks Ltd	3.0
Apollo Logisolutions Ltd.	4.9
Vaishno Logistics Yard CFS	5.0
NAVKAR CORPORATION LTD.,YARD-II CFS	3.4
NAVKAR CORPORATION LTD.,YARD-1 CFS	5.7
DRONAGIRI RAIL TERMINAL	3.1
MAHARASHTRA STATE WARE. CORP. CFS	2.6
Ocean Gate Container Terminals Pvt. Ltd.CFS	3.3
Maersk Annex (APM)CFS	3.6
NAVKAR CORPORATION LTD.YARD-III CFS	4.8
APM (Maersk India Pvt. Ltd)CFS	2.3

CFS - AVERAGE DELIVERY TIME - JNPCT TO ALL CFS's IN MUMBAI

Below table shows the average delivery time in import cycle from JNPCT to all the CFS's

AVERAGE DELIVERY TIME (In Hrs)- JNPCT TO ALL CFS IN MUMBAI	
CFS	Dec'18 (in hrs)
Ameya Logistics Pvt. Ltd.	2.7
Ashte Logistics Pvt. Ltd.	3.0
Jawaharlal Nehru Port CFS (Speedy Multimode Ltd CFS)	1.4
Balmer & Lawrie & Co. Ltd.,CFS	2.4
JWC Logistics Park Ltd CFS	5.2
Transindia Logistics Park Pvt, Ltd CFS	2.8
All Cargo Logistics Ltd., CFS	1.7
International Cargo Terminal CFS	2.1
Seabird Marine Services Pvt Ltd.	2.1
SBW Logistics CFS , Navi Mumbai	3.7
International Cargo Terminals & Infrastructure Private Limited-CFS	2.9
PUNJAB CONWARE (PW)	1.9
Indev Logistics Pvt. Ltd.CFS	4.5
CWC LOGISTIC PARK - Opr.Hind Trmnl.	2.0
Continental Warehousing (Nhava Sheva) Ltd.	1.7
Gateway Distriparks Ltd	2.5
Apollo Logisolutions Ltd.	4.4
Vaishno Logistics Yard CFS	2.2
NAVKAR CORPORATION LTD.,YARD-II CFS	4.7
NAVKAR CORPORATION LTD.,YARD-1 CFS	4.3
DRONAGIRI RAIL TERMINAL	2.3
MAHARASHTRA STATE WARE. CORP. CFS	2.7
Ocean Gate Container Terminals Pvt. Ltd.CFS	3.8
Maersk Annex (APM)CFS	3.2
NAVKAR CORPORATION LTD.YARD-III CFS	3.3
APM (Maersk India Pvt. Ltd)CFS	2.0

CFS DELIVERY TIME ANALYSIS

CFS - AVERAGE DELIVERY TIME - NSICT TO ALL CFS's IN MUMBAI

Below table shows the average delivery time in import cycle from NSICT to all the CFS's

AVERAGE DELIVERY TIME (In Hrs)- NSICT TO ALL CFS IN MUMBAI	
CFS	Dec'18 (in hrs)
Ameya Logistics Pvt. Ltd.	3.4
Ashte Logistics Pvt. Ltd.	5.5
Jawaharlal Nehru Port CFS (Speedy Multimode Ltd CFS)	4.2
Balmer & Lawrie & Co. Ltd.,CFS	2.1
JWC Logistics Park Ltd CFS	5.3
Transindia Logistics Park Pvt, Ltd CFS	3.5
All Cargo Logistics Ltd., CFS	2.3
International Cargo Terminal CFS	1.9
Seabird Marine Services Pvt Ltd.	2.5
International Cargo Terminals & Infrastructure Private Limited-CFS	3.8
PUNJAB CONWARE (PW)	1.9
Indev Logistics Pvt. Ltd.CFS	5.7
CWC LOGISTIC PARK - Opr.Hind Trmnl.	1.9
Continental Warehousing (Nhava Sheva) Ltd.	1.9
Gateway Distriparks Ltd	3.0
Apollo Logisolutions Ltd.	8.5
Vaishno Logistics Yard CFS	4.8
NAVAKAR CORPORATION LTD.,YARD-II CFS	5.6
NAVAKAR CORPORATION LTD.,YARD-1 CFS	6.0
DRONAGIRI RAIL TERMINAL	33.9
MAHARASHTRA STATE WARE. CORP. CFS	3.8
Ocean Gate Container Terminals Pvt. Ltd.CFS	4.9
Maersk Annex (APM)CFS	3.3
NAVAKAR CORPORATION LTD.YARD-III CFS	3.2
APM (Maersk India Pvt. Ltd)CFS	2.2

CFS - AVERAGE DELIVERY TIME - NSIGT TO ALL CFS's IN MUMBAI






Below table shows the average delivery time in import cycle from NSIGT to all the CFS's

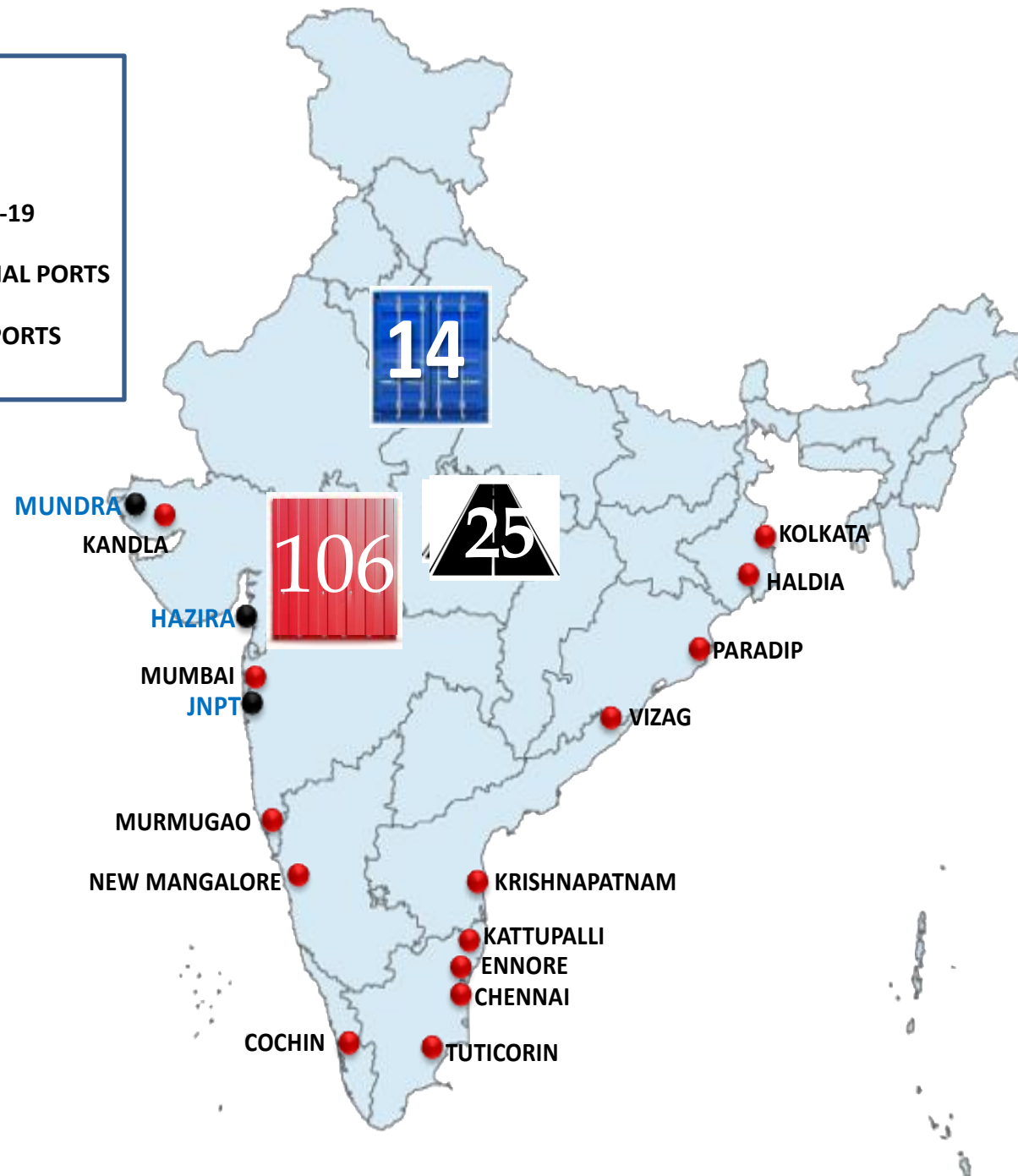
AVERAGE DELIVERY TIME (In Hrs)- NSIGT TO ALL CFS IN MUMBAI	
CFS	Dec'18 (in hrs)
Ameya Logistics Pvt. Ltd.	2.8
Ashte Logistics Pvt. Ltd.	4.6
Jawaharlal Nehru Port CFS (Speedy Multimode Ltd CFS)	1.5
Balmer & Lawrie & Co. Ltd.,CFS	2.1
JWC Logistics Park Ltd CFS	4.4
Transindia Logistics Park Pvt, Ltd CFS	3.0
All Cargo Logistics Ltd., CFS	2.0
International Cargo Terminal CFS	2.0
Seabird Marine Services Pvt Ltd.	2.2
SBW Logistics CFS , Navi Mumbai	3.2
International Cargo Terminals & Infrastructure Private Limited-CFS	2.8
PUNJAB CONWARE (PW)	2.3
Indev Logistics Pvt. Ltd.CFS	4.9
CWC LOGISTIC PARK - Opr.Hind Trmnl.	1.9
Continental Warehousing (Nhava Sheva) Ltd.	1.7
Gateway Distriparks Ltd	2.8
Apollo Logisolutions Ltd.	9.5
Vaishno Logistics Yard CFS	2.9
NAVAKAR CORPORATION LTD.,YARD-II CFS	5.9
NAVAKAR CORPORATION LTD.,YARD-1 CFS	6.4
DRONAGIRI RAIL TERMINAL	5.4
MAHARASHTRA STATE WARE. CORP. CFS	12.0
Ocean Gate Container Terminals Pvt. Ltd.CFS	4.4
Maersk Annex (APM)CFS	4.0
NAVAKAR CORPORATION LTD.YARD-III CFS	4.4
APM (Maersk India Pvt. Ltd)CFS	1.8
CWC Dronagiri CFS	19.8

CFS - AVERAGE DELIVERY TIME - BMCT TO ALL CFS's IN MUMBAI

Below table shows the average delivery time in import cycle from BMCT to all the CFS's

AVERAGE DELIVERY TIME (In Hrs)- NSIGT TO ALL CFS IN MUMBAI	
CFS	Dec'18 (in hrs)
Ameya Logistics Pvt. Ltd.	2.5
Ashte Logistics Pvt. Ltd.	4.1
Jawaharlal Nehru Port CFS (Speedy Multimode Ltd CFS)	1.5
Balmer & Lawrie & Co. Ltd.,CFS	2.6
JWC Logistics Park Ltd CFS	3.7
Transindia Logistics Park Pvt, Ltd CFS	3.9
All Cargo Logistics Ltd., CFS	2.3
International Cargo Terminal CFS	2.1
Seabird Marine Services Pvt Ltd.	2.3
SBW Logistics CFS , Navi Mumbai	7.1
International Cargo Terminals & Infrastructure Private Limited-CFS	2.7
PUNJAB CONWARE (PW)	2.9
Indev Logistics Pvt. Ltd.CFS	3.1
CWC LOGISTIC PARK - Opr.Hind Trmnl.	1.9
Continental Warehousing (Nhava Sheva) Ltd.	1.7
Gateway Distriparks Ltd	2.9
Apollo Logisolutions Ltd.	6.7
Vaishno Logistics Yard CFS	2.1
NAVAKAR CORPORATION LTD.,YARD-II CFS	3.1
NAVAKAR CORPORATION LTD.,YARD-1 CFS	3.1
DRONAGIRI RAIL TERMINAL	37.6
MAHARASHTRA STATE WARE. CORP. CFS	1.2
Ocean Gate Container Terminals Pvt. Ltd.CFS	3.2
Maersk Annex (APM)CFS	4.8
NAVAKAR CORPORATION LTD.YARD-III CFS	4.6
APM (Maersk India Pvt. Ltd)CFS	2.2
CWC Dronagiri CFS	30.8

-  ICD- 14
-  CFS-52
-  TOLL PLAZA-19
-  OPERATIONAL PORTS
-  PLANNED PORTS



Below mentioned are all the CFS in the respective Clusters :

<p>Cluster 1 (JNPT Area)</p> <ul style="list-style-type: none"> Speedy Multimode CFS, JNPT 	<p>Cluster 3 Sonari area, JNPT road</p> <ul style="list-style-type: none"> Punjab Conware CFS, Navi Mumbai Dronogiri Rail Terminal CFS, Navi Mumbai CWC Impex Park CFS, Navi Mumbai CWC Dronagiri CFS, Navi Mumbai Maharashtra State Corp CFS Seabird CFS, Navi Mumbai 	<p>Cluster 6 (Salva apta rd area, Bangalore highway)</p> <ul style="list-style-type: none"> Ashte Logistics CFS, Panvel Apollo Logisolutions CFS, Panvel Indev Logistics CFS, Panvel Navkar Corporation Yrd 1 CFS, Panvel Navkar Corporation Yard 2 CFS, Panvel Navkar Corporation Yard 3 CFS, Panvel
<p>Cluster 2 (Bhendkhal area, Khopate road)</p> <ul style="list-style-type: none"> APM (Maersk India) CFS, Navi Mumbai Maersk Annex (APM) CFS, Navi Mumbai Balmer & Lawrie CFS, Navi Mumbai CWC Hind Terminal CFS, Navi Mumbai International Cargo Terminals (ULA) CFS, Navi Mumbai & Infrastructure Private Limited Gateway Distriparks CFS, Navi Mumbai International Cargo Terminal CFS 	<p>Cluster 4 (Chirle area, JNPT road)</p> <ul style="list-style-type: none"> Vaishno Logistics CFS, Navi Mumbai 	<p>Cluster 7 (Patilpada area, Khopate JNPT road)</p> <ul style="list-style-type: none"> All Cargo Logistics CFS, Navi Mumbai Transindia Logistics Park, Navi Mumbai Ameya Logistics CFS, Navi Mumbai Continental Warehousing CFS, Navi Mumbai
	<p>Cluster 5 (Plaspa area, Coachi kanyakumari Highway)</p> <ul style="list-style-type: none"> JWC Logistics Park CFS Ocean Gate CFS, Panvel 	
	<p>Cluster 8 SBW</p>	

S.No	CFS Name
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

S.No	ICD Name
1	ACTL ICD, Faridabad
2	Adani Logistics Park ICD, Gurgaon
3	Albatross Inland Ports ICD, Dadri
4	Allcargo Logistics Park ICD, Dadri
5	APM Terminals ICD, Dadri
6	CMA CGM Logistics Park, Dadri
7	CWC ICD, Patparganj
8	Gateway Rail Freight ICD, Gurgaon



THANK YOU