## Western Corridor (JNPT & Gujarat)

- Import Dwell time performance at Western corridor has improved by 10% whereas Export Dwell time performance has decreased by 4%
- ICD Dwell Time performance has decreased by 9%

| Component | Western Corridor – Import Port Performance | Western Corridor – Export Port Performance | ICD Dwell Time Performance |
|---|---|---|---|
| June 2019 | 23.0 hrs | 80.2 hrs | 131.2 hrs |
| May 2019 | 25.5 hrs  10% | 77.0 hrs  4% | 120.4 hrs  9% |

## Jawaharlal Nehru Port Terminals

- Import Dwell time performance at JNPT Port has improved by 17% and port to CFS transit time performance has improved by 7%

| Component | JNPT – Import Overall Port Performance | JNPT – Port to CFS transit time performance |
|---|---|---|
| June 2019 | 19.0 hrs | 2.8 hrs |
| May 2019 | 22.8 hrs  17 % | 3.0 hrs  7% |

# Container Transportation Performance - Western Corridor

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## Port Dwell Time

### IMPORT

| Mode | May'19 (in hrs) | June'19 (in hrs) |
|------|-----------------|------------------|
| Overall | 25.5 | 23.0 |
| Truck | 23.1 | 20.8 |
| Train | 58.6 | 48.8 |

### EXPORT

| Mode | May'19 (in hrs) | June'19 (in hrs) |
|------|-----------------|------------------|
| Overall | 77.0 | 80.15 |
| Truck | 75.5 | 80.14 |
| Train | 87.0 | 80.18 |

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

Inland Container Depot (ICD)

Container Freight Stations (CFS)

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

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

| Entity | May'19 (in hrs) | June'19 (in hrs) |
|--------|-----------------|------------------|
| CFS | 89.6 | 85.3 |
| ICD | 120.4 | 131.2 |

# Container Transportation- JNPT Port Terminals

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*Logistics Redefined*

**Container Lifecycle (Import Cycle)** →

## IMPORT

### Port Dwell Time

| Mode | May'19 (in hrs) | June'19 (in hrs) |
|------|-----------------|------------------|
| Overall | 22.8 | 19.0 |
| Truck | 20.8 | 17.3 |
| Train | 43.0 | 37.9 |

## EXPORT

| Mode | May'19 (in hrs) | June'19 (in hrs) |
|------|-----------------|------------------|
| Overall | 63.8 | 64.5 |
| Truck | 63.3 | 65.7 |
| Train | 68.7 | 54.7 |

### Transit Time

**Towards ICD** — Station

| Transit Cycle | May'19 (in hrs) | June'19 (in hrs) |
|---------------|-----------------|------------------|
| Port to ICD | 77.3 | 75.2 |
| Port to CFS | 3.0 | 2.8 |

**Towards CFS**

**From ICD** — Station

| Transit Cycle | May'19 (in hrs) | June'19 (in hrs) |
|---------------|-----------------|------------------|
| ICD to Port | 61.8 | 56.2 |
| CFS to Port | 5.2 | 4.6 |

**From CFS**

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

ICD     CFS

| Entity | May'19 (in hrs) | June'19 (in hrs) |
|--------|-----------------|------------------|
| CFS | 89.9 | 83.27 |
| ICD | 120.4 | 129.9 |

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

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

← **Container Lifecycle (Export Cycle)**

# Container Transportation- JNPT Port Terminals

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| IMPORT CYCLE DWELL TIME (June'19 – in hrs) | | | Compared to May'19 | |
|---|---|---|---|---|
| PORT DWELL TIME | Overall Dwell Time of Truck and Train Bound Containers | 19.0 | 17% | ↑ |
| | Port Dwell Time for Truck Bound Containers | 17.3 | 17% | ↑ |
| | Port Dwell time for Train Bound Containers | 37.9 | 12% | ↑ |
| | Port Dwell time Direct Port Delivery (DPD) containers | 42.2 | 23% | ↑ |
| | Port Dwell time Containers bound for CFS | 15.9 | 14% | ↑ |
| | Port Dwell for Empty Containers | 28.3 | 27% | ↑ |
| | Port Dwell for Laden Containers | 18.0 | 23% | ↑ |
| TRANSIT TIME | Port to ICD | 75.2 | 3% | ↑ |
| | Port to CFS | 2.8 | 7% | ↑ |

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

| EXPORT CYCLE DWELL TIME (June'19– in hrs) | | | Compared to May'19 | |
|---|---|---|---|---|
| PORT DWELL TIME | Overall Dwell Time of Truck and Train Bound Containers | 64.5 | 1% | ↓ |
| | Port Dwell Time for Truck Bound Containers | 65.7 | 4% | ↓ |
| | Port Dwell time for Train Bound Containers | 54.7 | 20% | ↑ |
| | Port Dwell time Direct Port Entry (DPE) containers | 61.0 | 2% | ↑ |
| | Port Dwell time Containers bound from CFS | 66.2 | 9% | ↓ |
| | Port Dwell for Empty Containers | 67.2 | 13% | ↓ |
| | Port Dwell for Laden Containers | 63.8 | 1% | ↑ |
| TRANSIT TIME | ICD to Port | 56.2 | 9% | ↑ |
| | CFS to Port | 4.6 | 12% | ↑ |

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

## Performance Benchmarking - Port Terminals

### Port Terminal Performance Index – June'19

Quadrant : II
Star performer

Quadrant : I
Slow Bulk Movers

High · Container Volume

GTI

MICT

AMCT

Dwell Time

low

High

NSIGT

BMCT

NSICT

AHPPL

AICTPL

ACMTPL

JNPCT

Quadrant : III
High Potential

low

Quadrant : IV
Laggard

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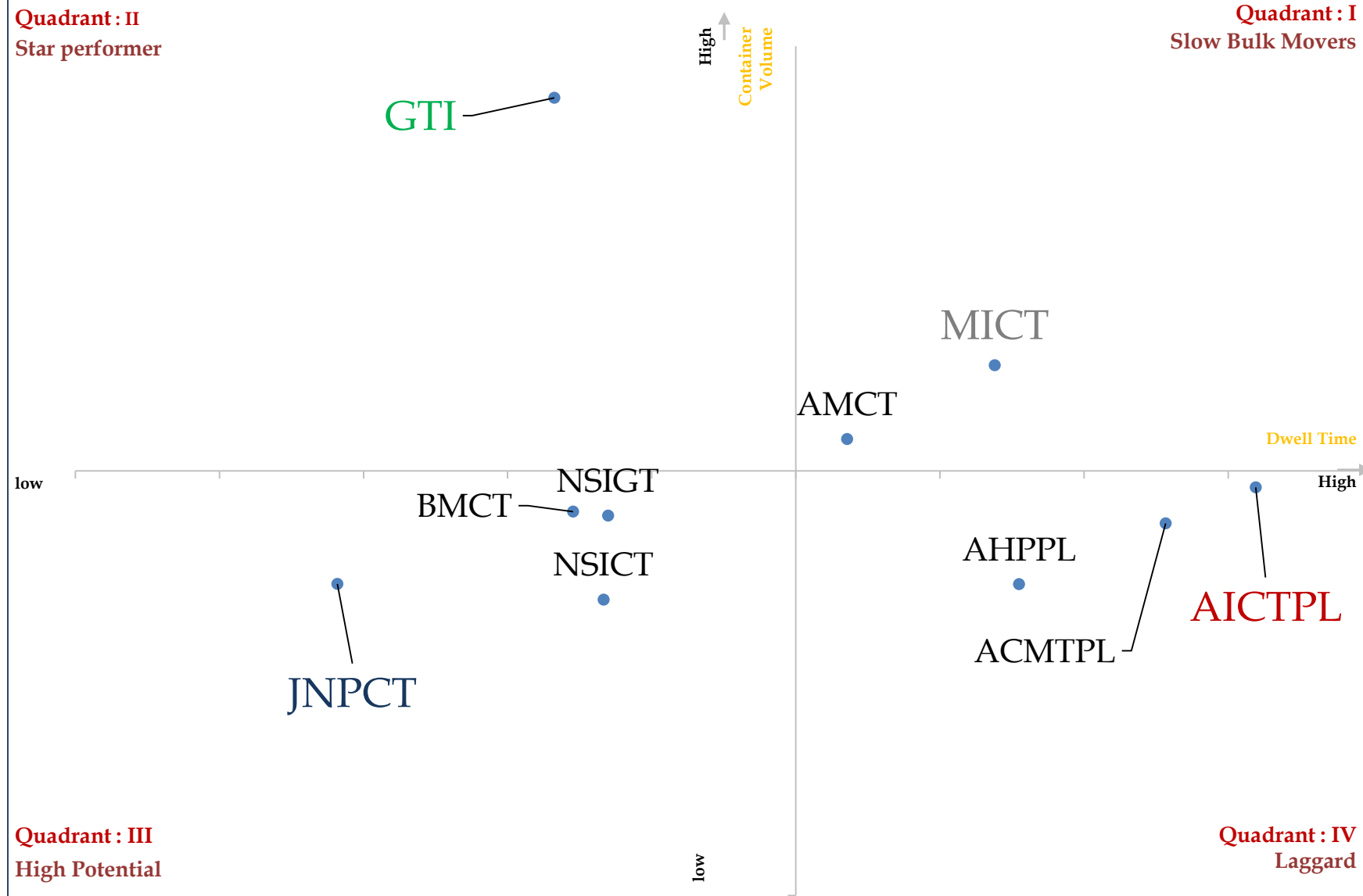
Performance benchmarking for Port Terminals covered under LDB project for June'19

| Top Performing Terminal | |
|---|---|
| **Gateway Terminals India (GTI)** | |
| May'19 | June'19 |
| 38.9 hrs | 35.9 hrs ↑ |

| Low Performing Terminal | |
|---|---|
| **Adani International Container Terminal (AICTPL)** | |
| May'19 | June'19 |
| 73.6 hrs | 82.1 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'19

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

**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

# CFS/ICD Performance Benchmarking & Performance Index - Western Corridor

**DLDS**
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Logistics Redefined

**CFS** | **Performance Benchmarking** | **ICD**

## CFS

| Top Performing CFS | |
|---|---|
| **JWR CFS** | |
| May'19 | June'19 |
| 56.5 hrs | 53.6 hrs ⬆ |

| Low Performing CFS | |
|---|---|
| **Take Care Logistics CFS** | |
| May'19 | June'19 |
| 121.1 | 120.0 hrs ⬆ |

## ICD

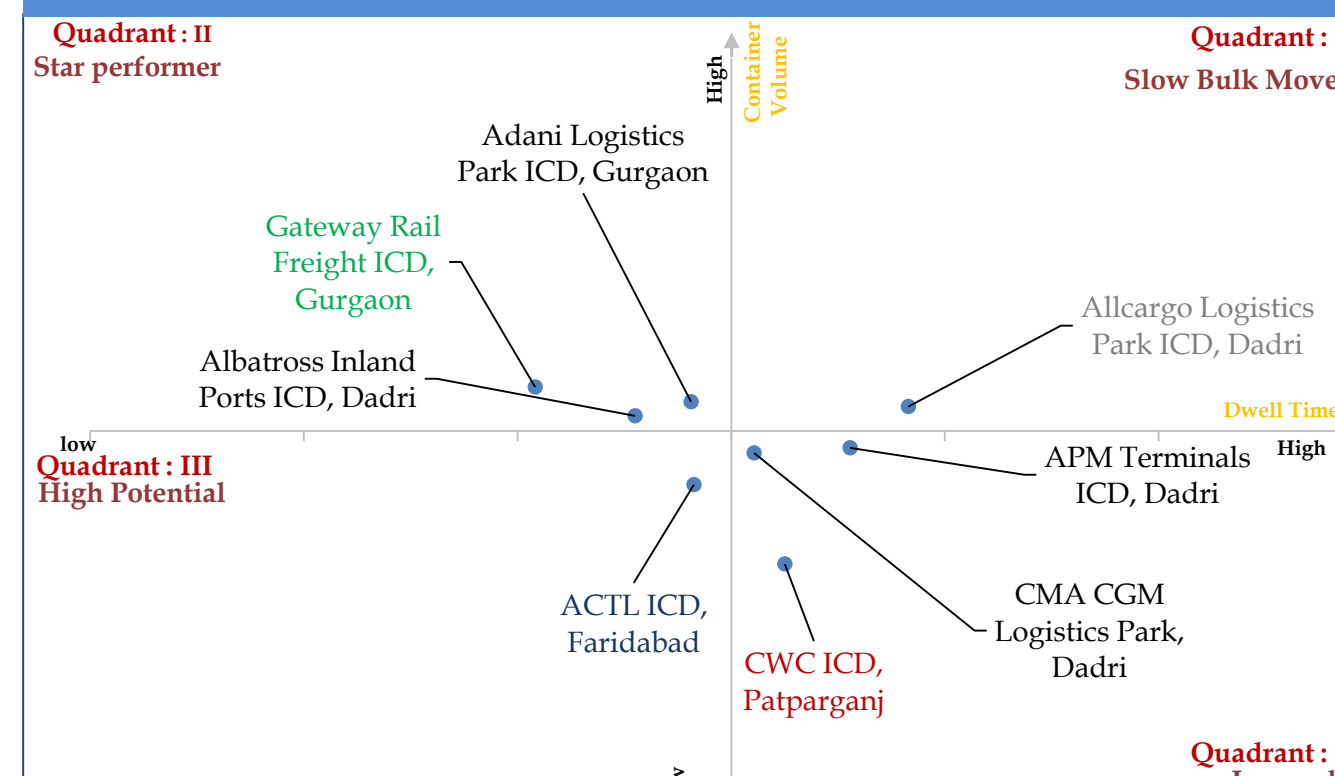| Top Performing ICD | |
|---|---|
| **Gateway Rail Freight ICD, Gurgaon** | |
| May'19 | June'19 |
| 90.3 hrs | 97.2 hrs ⬇ |

| Low Performing ICD | |
|---|---|
| **CWC ICD, Patparganj** | |
| May'19 | June'19 |
| 141.5 hrs | 142.8 hrs ⬇ |

Note: The performance benchmarking is based on performance index
⬆⬇ The arrows depict increase/decrease in overall performance of the stakeholders as compared to May'19

### Performance Index: Western Corridor CFS



Quadrant : II — Star performer
Quadrant : I — Slow Bulk Movers
Quadrant : III — High Potential
Quadrant : IV — Laggard

JWR CFS
CWC Hind Terminal CFS, Navi Mumbai
Take Care Logistics CFS
Maharashtra State Corp CFS
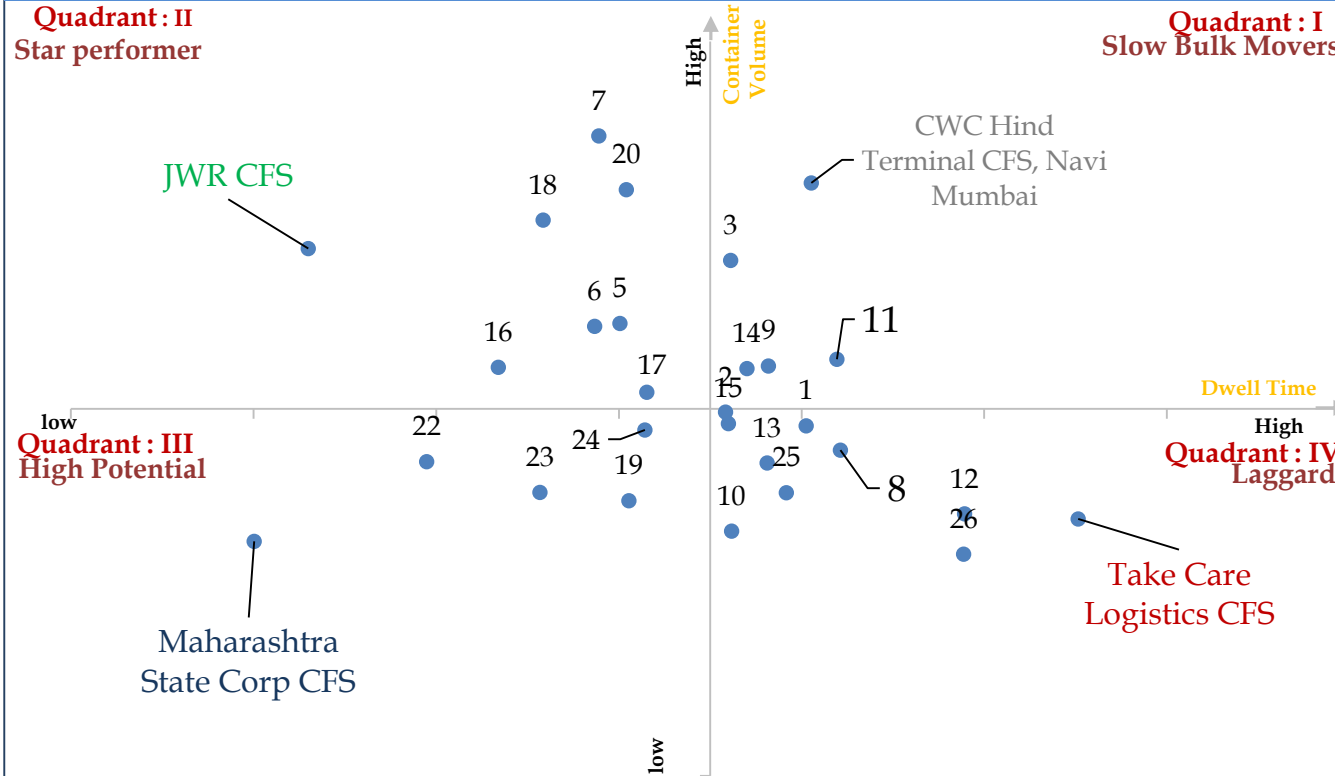
Kindly refer to Annexure section for the names of CFS

### Performance Index: Western Corridor ICD



Quadrant : II — Star performer
Quadrant : I — Slow Bulk Movers
Quadrant : III — High Potential
Quadrant : IV — Laggard

Adani Logistics Park ICD, Gurgaon
Gateway Rail Freight ICD, Gurgaon
Albatross Inland Ports ICD, Dadri
Allcargo Logistics Park ICD, Dadri
APM Terminals ICD, Dadri
ACTL ICD, Faridabad
CWC ICD, Patparganj
CMA CGM Logistics Park, Dadri

# Import Cycle Analysis

# JNPT Port Terminal: Dwell Time Performance (Import Cycle)

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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 ( % 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 | May'19 (in hrs) | June'19 (in hrs) |
|---|---|---|
| JNPCT | 29.6 | 30.0 |
| NSICT | 61.5 | 69.3 |
| GTI | 26.5 | 23.0 |
| NSIGT | 94.8 | 69.3 |
| BMCT | 22.8 | 36.6 |

### Container Handled: Day wise (June'19 )

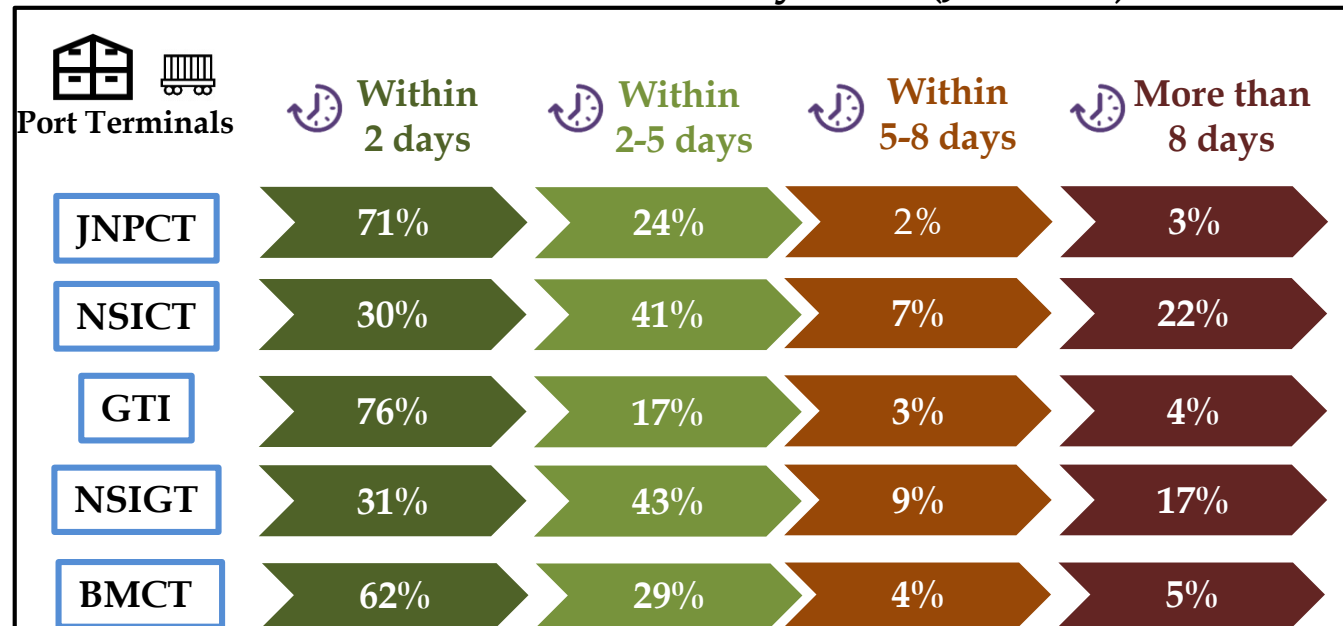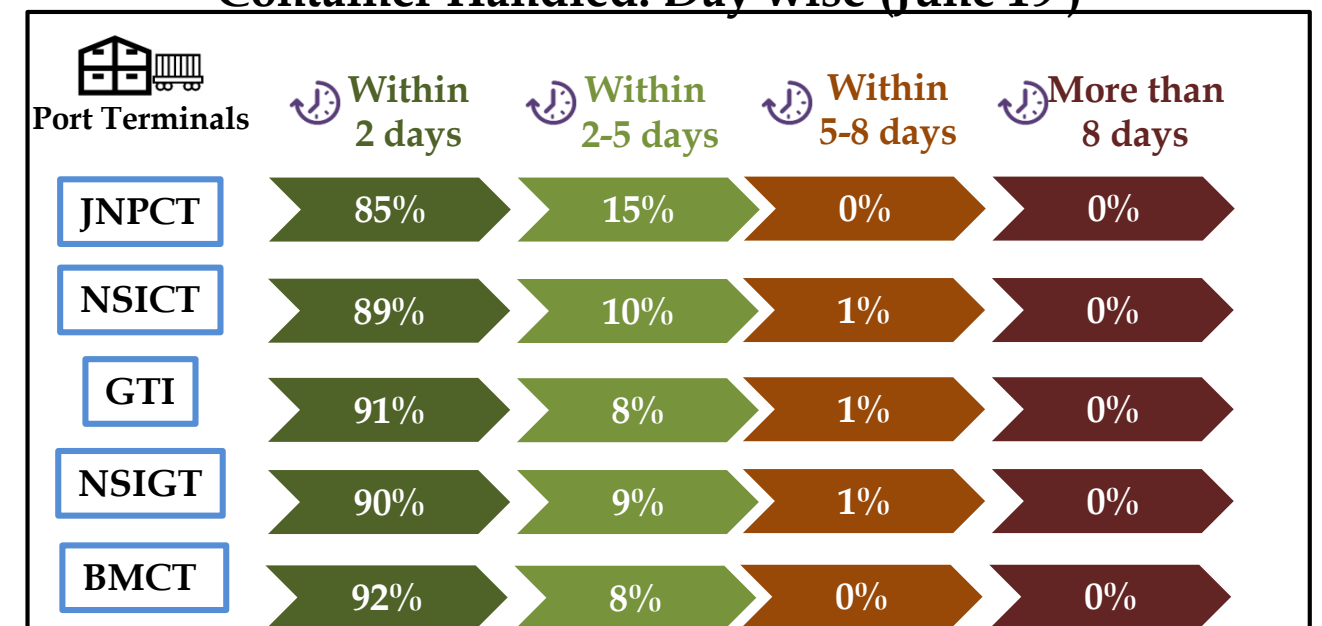| Port Terminals | Within 2 days | Within 2-5 days | Within 5-8 days | More than 8 days |
|---|---|---|---|---|
| JNPCT | 71% | 24% | 2% | 3% |
| NSICT | 30% | 41% | 7% | 22% |
| GTI | 76% | 17% | 3% | 4% |
| NSIGT | 31% | 43% | 9% | 17% |
| BMCT | 62% | 29% | 4% | 5% |

## PORT IMPORT via TRUCK ( % 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 | May'19 (in hrs) | June'19 (in hrs) |
|---|---|---|
| JNPCT | 23.4 | 20.8 |
| NSICT | 22.8 | 18.0 |
| GTI | 19.8 | 15.0 |
| NSIGT | 20.1 | 17.4 |
| BMCT | 21.6 | 18.6 |

### Container Handled: Day wise (June'19 )

| Port Terminals | Within 2 days | Within 2-5 days | Within 5-8 days | More than 8 days |
|---|---|---|---|---|
| JNPCT | 85% | 15% | 0% | 0% |
| NSICT | 89% | 10% | 1% | 0% |
| GTI | 91% | 8% | 1% | 0% |
| NSIGT | 90% | 9% | 1% | 0% |
| BMCT | 92% | 8% | 0% | 0% |

# JNPT Port Terminal: Dwell Time Performance (Import Cycle)

The below tables depict the detailed JNPT region port performance in the month of June'19

## JNPCT

### Port Dwell time based on transit type

| June'19 | Direct Port Delivery containers | Containers bound for CFS |
|---|---|---|
| Dwell time (in hrs) | 38.7 hrs | 19.7 hrs |

### Port Dwell time based on container type

| June'19 | Laden Containers | Empty Containers |
|---|---|---|
| Dwell time (in hrs) | 21.0 hrs | 24.4 hrs |

## GTI

### Port Dwell time based on transit type

| June'19 | Direct Port Delivery containers | Containers bound for CFS |
|---|---|---|
| Dwell time (in hrs) | 42.5 hrs | 13.6 hrs |

### Port Dwell time based on container type

| June'19 | Laden Containers | Empty Containers |
|---|---|---|
| Dwell time (in hrs) | 15.2 hrs | 26.5 hrs |

# JNPT Port Terminal: Dwell Time Performance (Import Cycle)

The below tables depict the detailed JNPT region port performance in the month of June'19

## NSICT

### Port Dwell time based on transit type

| June'19 | Direct Port Delivery containers | Containers bound for CFS |
|---|---|---|
| Dwell time (in hrs) | - | 15.2 hrs |

### Port Dwell time based on container type

| June'19 | Laden Containers | Empty Containers |
|---|---|---|
| Dwell time (in hrs) | 22.2 hrs | 29.5 hrs |

## NSIGT

### Port Dwell time based on transit type

| June'19 | Direct Port Delivery containers | Containers bound for CFS |
|---|---|---|
| Dwell time (in hrs) | - | 15.8 hrs |

### Port Dwell time based on container type

| June'19 | Laden Containers | Empty Containers |
|---|---|---|
| Dwell time (in hrs) | 19.7 hrs | 35.4 hrs |

## BMCT

### Port Dwell time based on transit type

| June'19 | Direct Port Delivery containers | Containers bound for CFS |
|---|---|---|
| Dwell time (in hrs) | 46.5 hrs | 17.9 hrs |

### Port Dwell time based on container type

| June'19 | Laden Containers | Empty Containers |
|---|---|---|
| Dwell time (in hrs) | 19.4 hrs | 32.3 hrs |

# JNPT Region: Congestion Analysis (Import Cycle)

The Below map indicate congestion around JNPT region in Import Cycle in month of June'19



## 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, Coachi kanyakumari Highway |
| CLUSTER 6 | Salva apta rd area, Bangalore highway |
| CLUSTER 7 | Patilpada area, Khopate JNPT road |
| CLUSTER 8 | Taloja, Navi Mumbai |

## Clusters with bottleneck

| Cluster 1 | JNPT Area |
|---|---|

### Legends
- **High Congestion** (red)
- **Medium Congestion** (olive)
- **Low Congestion** (pink)
- **Cluster with bottleneck** (orange)
- **Cluster without bottleneck** (blue)

**GTI Terminal**
Congestion Level
Import Cycle :-

**JNPCT Terminal**
Congestion Level
Import Cycle :-

**NSICT Terminal**
Congestion Level
Import Cycle :-

**NSIGT Terminal**
Congestion Level
Import Cycle :-

**BMCT Terminal**
Congestion Level
Export Cycle :-

Note : 1) Congestion is measured w.r.t actual time taken to cover the respective distance between clusters and terminals
2) Analysis consist of CFS covered under LDB project

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

## Truck
### HEAT MAP : OVERALL MUMBAI REGION

| Region | June'19 |
|---|---|
| Mumbai region | 19% |
| NH3 | 4% |
| Pune | 30% |
| NH8 | 37% |
| others | 10% |

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

**Heat Map : June'19**
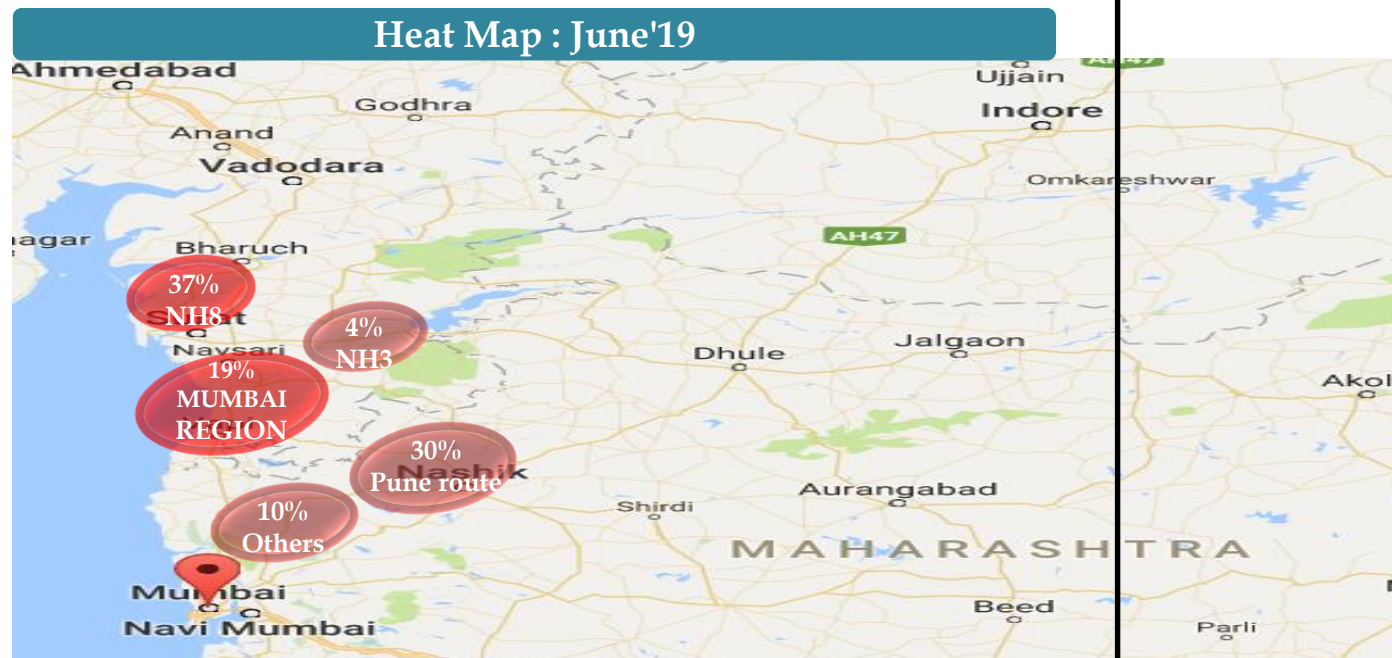


## Train
### VOLUME WISE CONTAINER MOVEMENT

| Region | June'19 |
|---|---|
| Vadodra Route | 32% |
| Ratlam Route | 27% |
| Wardha Route | 11% |
| Kota Route | 22% |
| Bhopal Route | 8% |

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

**Container movement via Rail – June'19**

# Western Corridor Toll Plaza Analysis
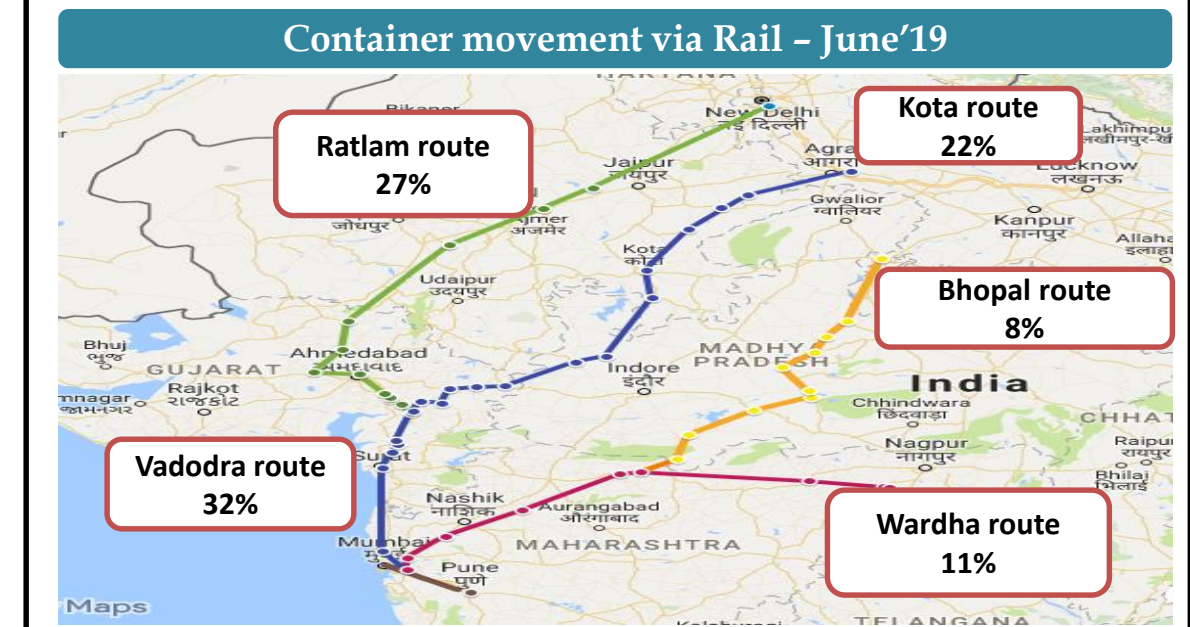
## Avg. Speed between Toll Plazas

| Source | Destination Toll Plaza | Inter Distance (Km) | May'19 (in km/hrs) | June'19 (in km/hrs) |
|--------|------------------------|---------------------|--------------------|---------------------|
| JNPT | Khaniwade | 94 | 15.4 | 15.6 |
| JNPT | Khalapur | 60 | 12.8 | 13.0 |
| Khaniwade | Charoti | 50 | 36.3 | 35.7 |
| Charoti | Boriach | 126 | 27.9 | 27.5 |
| Boriach | Bharthan | 142 | 31.7 | 32.3 |
| Bharthan | Vasad | 60 | 39.8 | 39.7 |
| Khalapur | Khedshivpur | 105 | 27.2 | 27.1 |
| Daulatpura | Kherki | 199 | 22.3 | 22.5 |
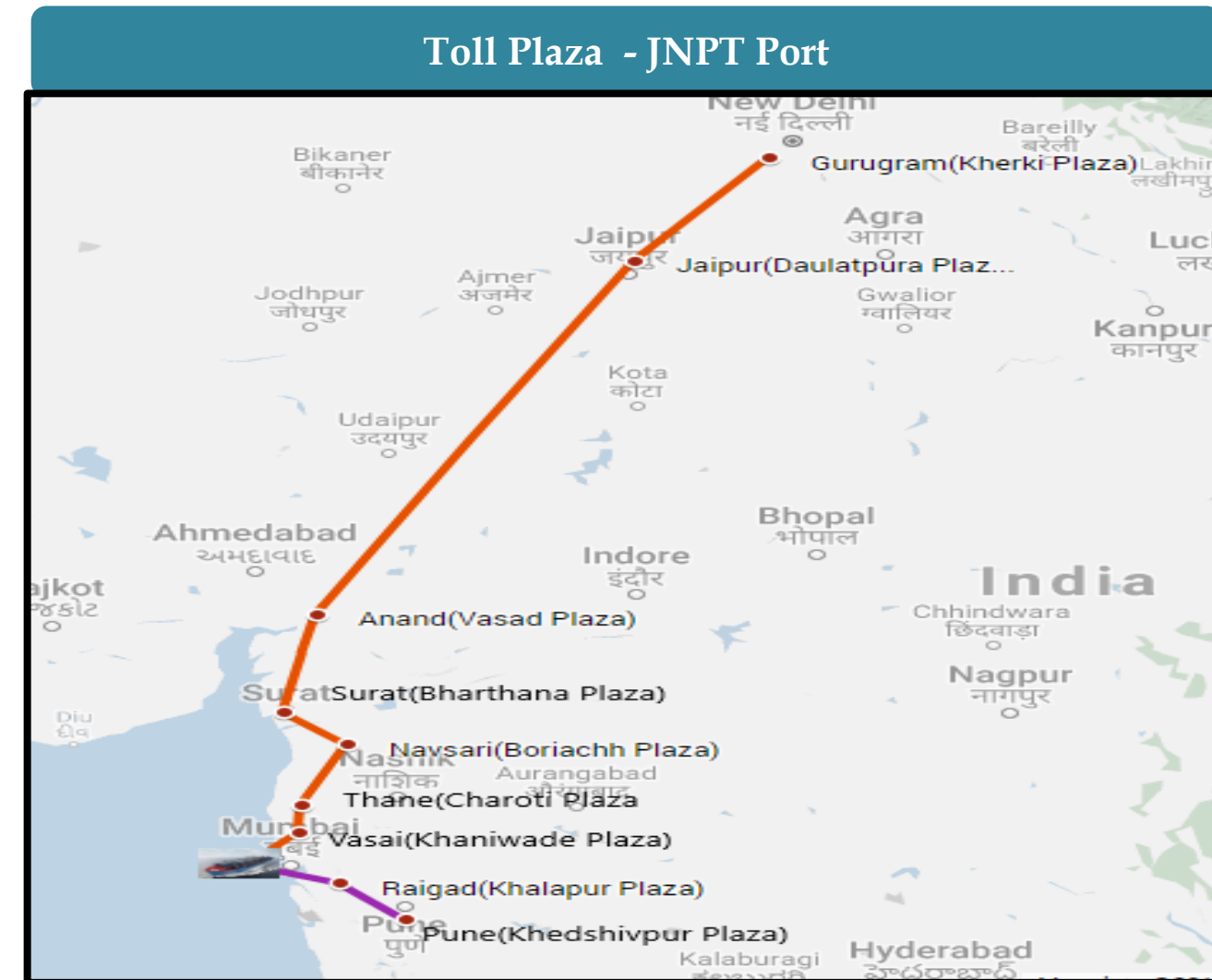
*(Source column: JNPT spans all rows)*

### Toll Plaza - JNPT Port

# Export Cycle Analysis

The below tables depict the port dwell time performance at JNPT port for truck and train bound containers in export cycle
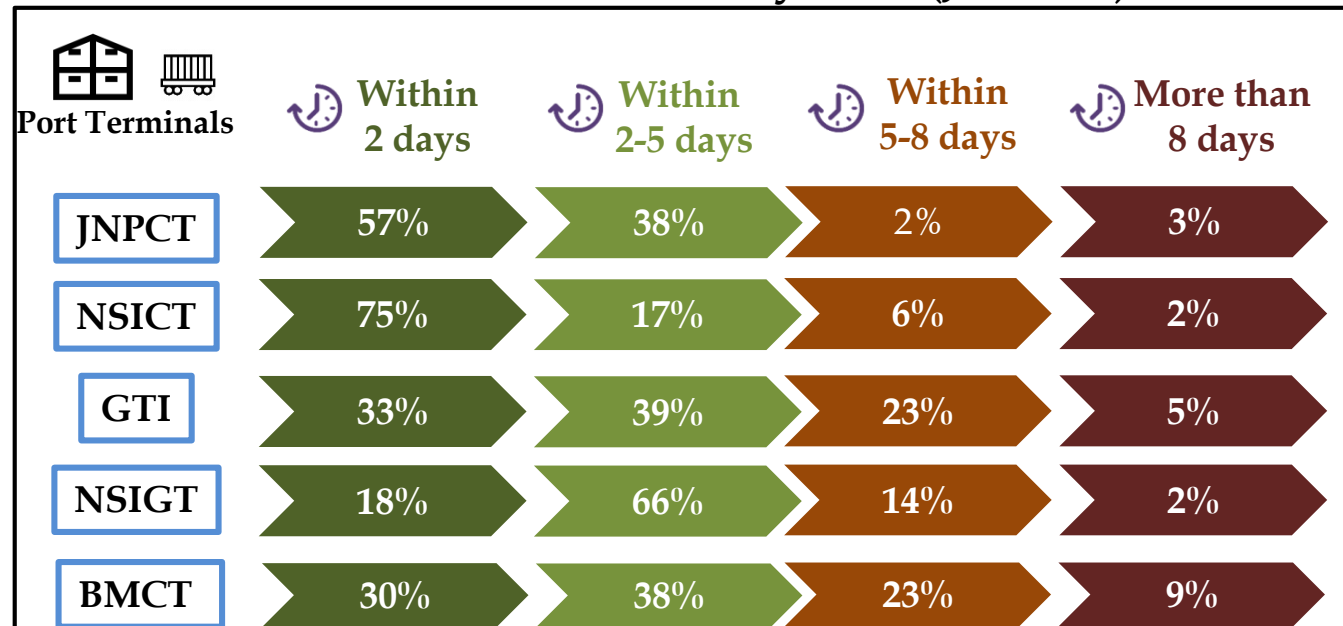
## PORT EXPORT via TRAIN
### (% of total import volume at JNPT Port)

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 | May'19 (in hrs) | June'19 (in hrs) |
|---|---|---|
| JNPCT | 42.7 | 40.6 |
| NSICT | 24.7 | 18.3 |
| GTI | 86.0 | 73.9 |
| NSIGT | 92.6 | 104.1 |
| BMCT | 93.0 | 81.3 |

### Container Handled: Day wise (June'19 )

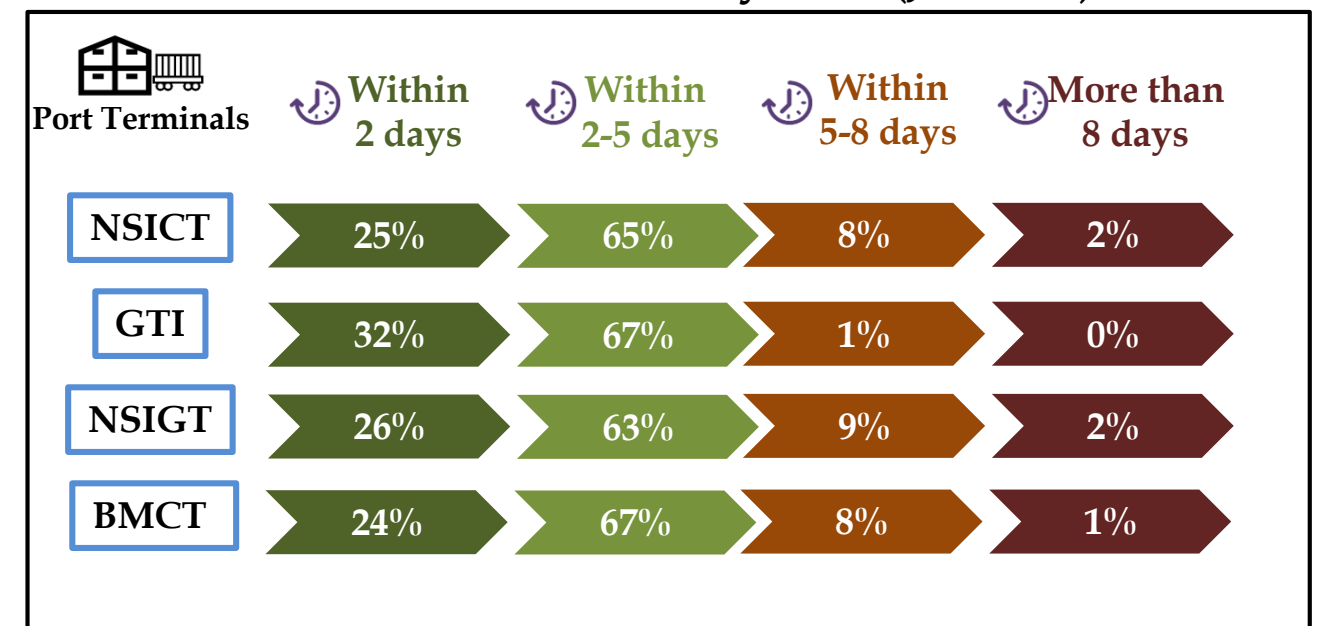| Port Terminals | Within 2 days | Within 2-5 days | Within 5-8 days | More than 8 days |
|---|---|---|---|---|
| JNPCT | 57% | 38% | 2% | 3% |
| NSICT | 75% | 17% | 6% | 2% |
| GTI | 33% | 39% | 23% | 5% |
| NSIGT | 18% | 66% | 14% | 2% |
| BMCT | 30% | 38% | 23% | 9% |

## PORT EXPORT via TRUCK
### (% 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 | May'19 (in hrs) | June'19 (in hrs) |
|---|---|---|
| JNPCT | 54.3 | - |
| NSICT | 73.4 | 74.8 |
| GTI | 61.5 | 62.1 |
| NSIGT | 66.7 | 70.1 |
| BMCT | 60.9 | 69.5 |

### Container Handled: Day wise (June'19 )

| Port Terminals | Within 2 days | Within 2-5 days | Within 5-8 days | More than 8 days |
|---|---|---|---|---|
| NSICT | 25% | 65% | 8% | 2% |
| GTI | 32% | 67% | 1% | 0% |
| NSIGT | 26% | 63% | 9% | 2% |
| BMCT | 24% | 67% | 8% | 1% |

# JNPT Region: Dwell Time Performance (Export Cycle)

The below tables depict the Dwell Time of containers based on their transit and occupancy at JNPT port for June'19

## JNPCT

| Port Dwell time based on transit type | | |
|---|---|---|
| June'19 | Direct Port Export containers | Containers bound from CFS |
| Dwell time (in hrs) | - | - |

| Port Dwell time based on container type | | |
|---|---|---|
| June'19 | Laden Containers | Empty Containers |
| Dwell time (in hrs) | - | - |

## GTI

| Port Dwell time based on transit type | | |
|---|---|---|
| June'19 | Direct Port Export containers | Containers bound from CFS |
| Dwell time (in hrs) | 61.0 hrs | 61.9 hrs |

| Port Dwell time based on container type | | |
|---|---|---|
| June'19 | Laden Containers | Empty Containers |
| Dwell time (in hrs) | 58.9 hrs | 67.7 hrs |

# JNPT Region: Dwell Time Performance (Export Cycle)

The below tables depict the Dwell Time of containers based on their transit and occupancy at JNPT port for June'19

## NSICT

### Port Dwell time based on transit type

| June'19 | Direct Port Export containers | Containers bound from CFS |
|---|---|---|
| Dwell time (in hrs) | - | 72.9 hrs |

### Port Dwell time based on container type

| June'19 | Laden Containers | Empty Containers |
|---|---|---|
| Dwell time (in hrs) | 69.8 hrs | 43.7 hrs |

## NSIGT

### Port Dwell time based on transit type

| June'19 | Direct Port Export containers | Containers bound from CFS |
|---|---|---|
| Dwell time (in hrs) | - | 69.6 hrs |

### Port Dwell time based on container type

| June'19 | Laden Containers | Empty Containers |
|---|---|---|
| Dwell time (in hrs) | 70.2 hrs | 61.4 hrs |

## BMCT

### Port Dwell time based on transit type

| June'19 | Direct Port Export containers | Containers bound from CFS |
|---|---|---|
| Dwell time (in hrs) | - | 71.0 hrs |

### Port Dwell time based on container type

| June'19 | Laden Containers | Empty Containers |
|---|---|---|
| Dwell time (in hrs) | 74.0 hrs | 68.3 hrs |

# JNPT Region: Congestion Analysis (Export Cycle)

The Below map indicate congestion around JNPT region in Export Cycle in month of June'19
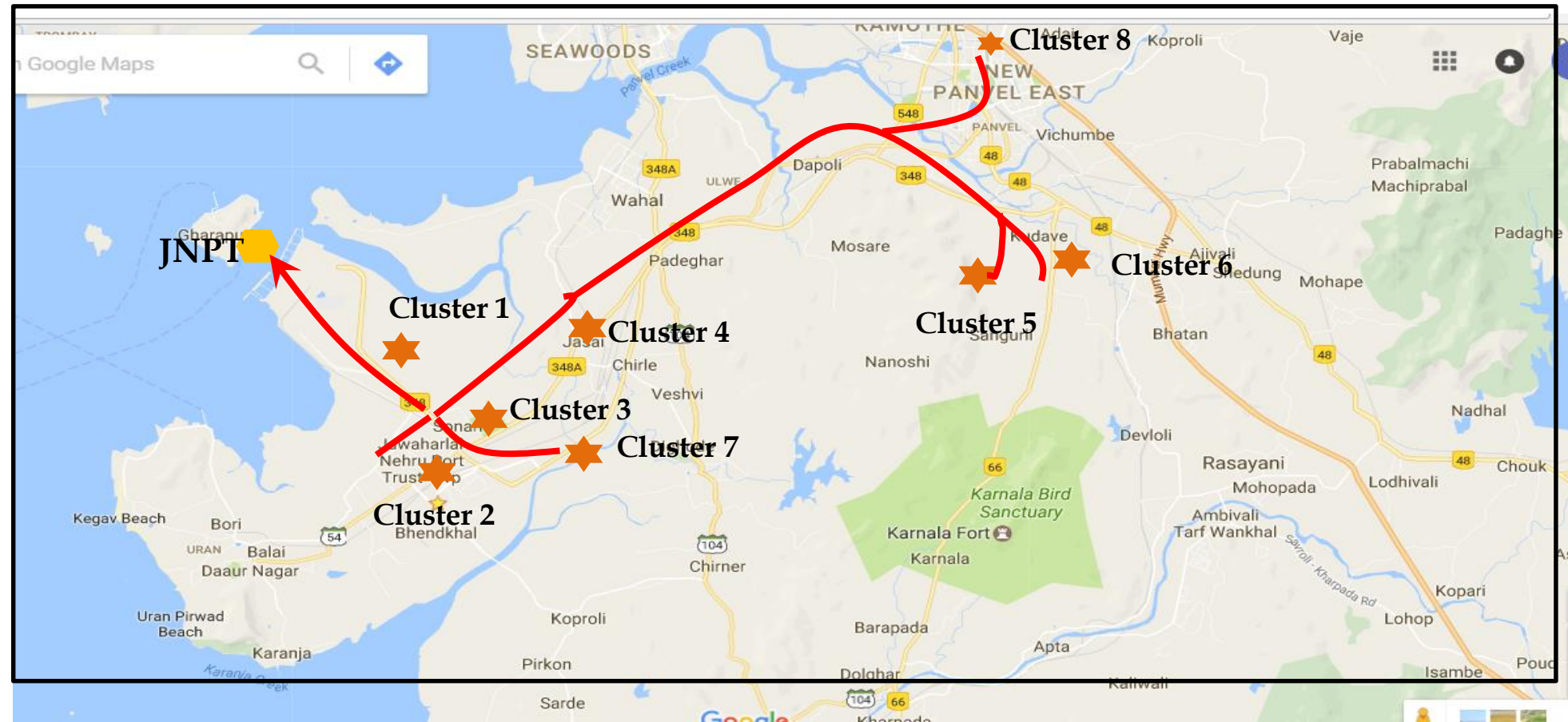


| Clusters with bottleneck | |
|---|---|
| CLUSTER 1 | JNPT Area |
| CLUSTER 2 | Bhendkhal area, Khopate road |
| CLUSTER 3 | Sonari area, JNPT road |
| CLUSTER 4 | Chirle area , JNPT road |
| CLUSTER 5 | Plaspa area, Coach kanyakumari Highway |
| CLUSTER 6 | Salva apta rd area, Bangalore highway |
| 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**

**GTI Terminal**
Congestion Level
Import Cycle :- 🟥

**JNPCT Terminal**
Congestion Level
Import Cycle :- 🟪

**NSICT Terminal**
Congestion Level
Import Cycle :- 🟫

**NSIGT Terminal**
Congestion Level
Import Cycle :- 🟥

**BMCT Terminal**
Congestion Level
Export Cycle :- 🟥

Note : 1) Congestion is measured w.r.t actual time taken to cover the respective distance between clusters and terminals
   2) Analysis consist of CFS covered under LDB project

# JNPT Region: Container Movement via Train

| JNPT Port | |
|---|---|
| **Route** | **Percentage of Container Movement** |
| **Vadodra Route** | 30% |
| **Ratlam Route** | 27% |
| **Wardha Route** | 21% |
| **Kota Route** | 16% |
| **Bhopal Route** | 6% |

The map shows the volume wise container movement through different railway routes in export cycle for June'19



Container movement via Rail – June'19

# CFS and ICD Performance
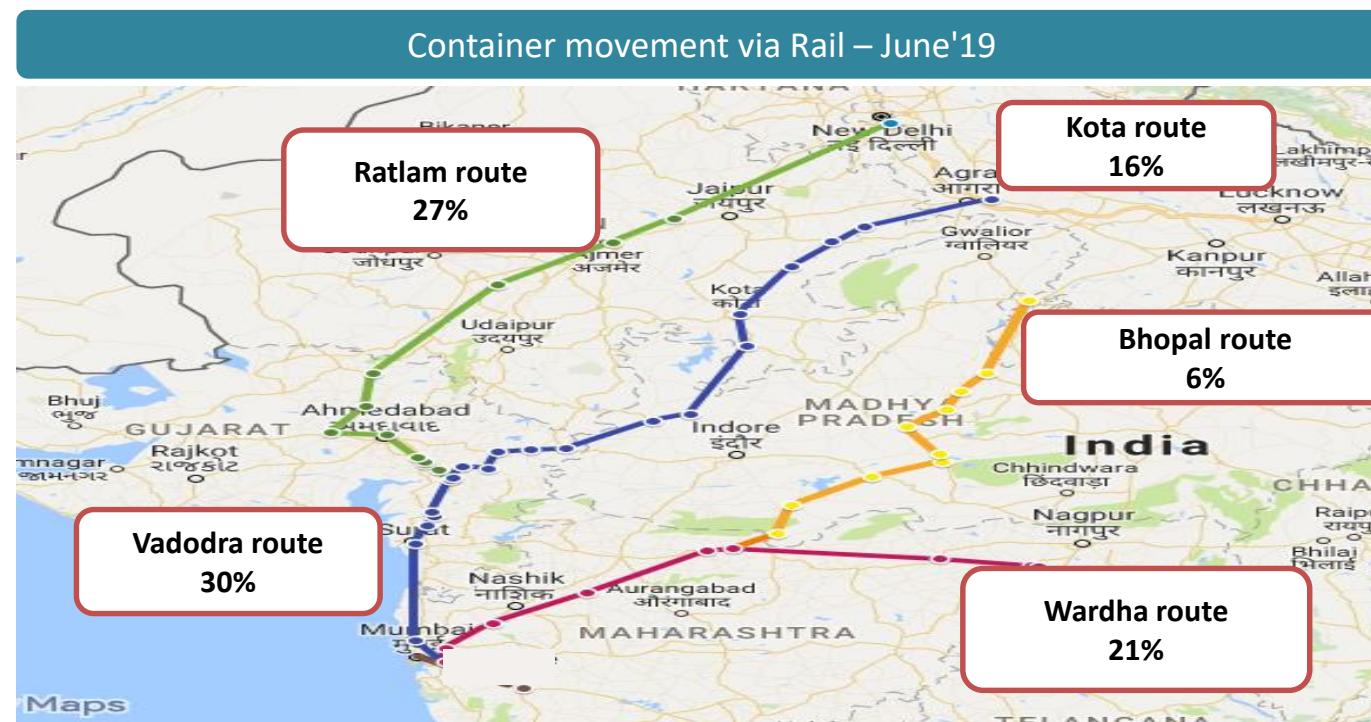
# CFS and ICD Performance

## JNPT region CFS : CFS DWELL TIME ANALYSIS

Below table and graphs show the dwell time of the respective CFSs for the month of June'19

### CFS Dwell Time (in hrs.)

| CFS | May'19 | June'19 | CFS | May'19 | June'19 |
|---|---|---|---|---|---|
| International Cargo Terminal CFS | 90.9 | 90.0 | Take Care Logistics CFS | 120.4 | 120.0 |
| JWC Logistics Park CFS | 91.9 | 82.6 | JWR CFS | 56.0 | 53.6 |
| CWC Hind Terminal CFS, Navi Mumbai | 102.8 | 97.0 | Navkar Corporation Yard 2 CFS, Panvel | 91.7 | 96.5 |
| Navkar Corporation Yard 3 CFS, Panvel | 102.3 | 93.3 | Punjab Conware CFS, Navi Mumbai | 72.0 | 70.0 |
| SBW Logistics CFS, Navi Mumbai | 85.9 | 110.1 | Indev Logistics CFS, Panvel | 115.5 | 93.2 |
| Seabird CFS, Navi Mumbai | - | 99.5 | Ameya Logistics CFS, Navi Mumbai | 94.5 | 78.3 |
| Dronagiri Rail Terminal CFS, Navi Mumbai | 52.5 | 63.8 | TG Terminals CFS | 89.8 | 81.2 |
| Ashte Logistics CFS, Panvel | 97.2 | 99.2 | APM (Maersk India) CFS, Navi Mumbai | 77.0 | 89.6 |
| Balmer & Lawrie CFS, Navi Mumbai | - | 91.4 | International Cargo Terminals (ULA) CFS, Navi Mumbai | 89.0 | 89.8 |
| Speedy Multimode CFS, JNPT | 76.8 | 73.9 | Maersk Annex (APM)CFS, Navi Mumbai | 107.2 | 110.1 |
| Transindia Logistics Park, Navi Mumbai | - | 81.0 | Ocean Gate CFS, Panvel | 85.5 | 94.8 |
| Gateway Distriparks CFS, Navi Mumbai | 70.2 | 78.7 | Navkar Corporation Yard 1 CFS, Panvel | 104.6 | 90.1 |
| Continental Warehousing CFS, Navi Mumbai | 79.3 | 80.5 | Maharashtra State Corp CFS | 46.3 | 49.0 |
| Apollo Logisolutions CFS, Panvel | 95.4 | 82.8 | | | |
| Vaishno Logistics CFS, Navi Mumbai | 82.5 | 73.6 | | | |

### CFS – DWELL OVERVIEW – JUNE'19 ( IN HRS )



Average: 83.3 hrs.
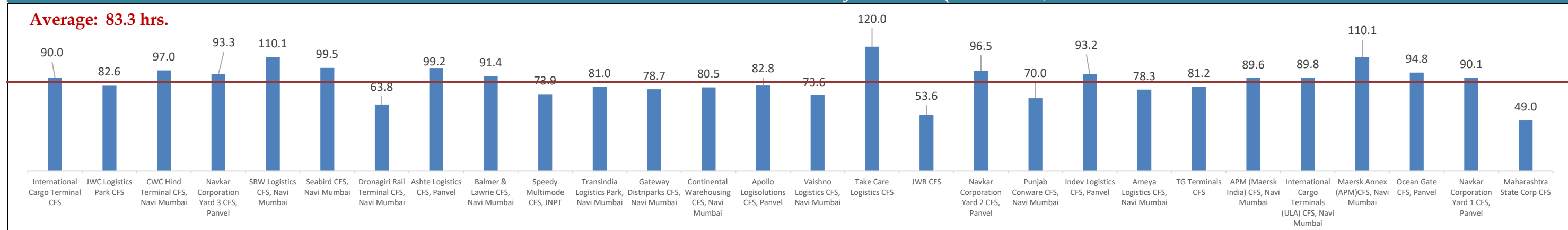
# ICD DWELL TIME ANALYSIS

The table below depicts the dwell of all ICDs

| ICD Dwell Time (in Hrs) | | |
|---|---|---|
| ICD | May'19 | June'19 |
| Allcargo Logistics Park ICD, Dadri | 135.0 | 165.4 |
| ACTL ICD, Faridabad | 100.6 | 129.0 |
| Adani Logistics Park ICD, Gurgaon | 103.7 | 125.8 |
| Albatross Inland Ports ICD, Dadri | 100.4 | 102.9 |
| Gateway Rail Freight ICD, Gurgaon | 90.3 | 95.4 |
| APM Terminals ICD, Dadri | 156.7 | 124.5 |
| CWC ICD, Patparganj | 141.5 | 159.2 |
| CMA CGM Logistics Park, Dadri | 135.7 | 153.2 |

## ICD – DWELL OVERVIEW (June'19 )   ( In Hrs )

Avg. 120.4 hrs.



| Allcargo Logistics Park ICD, Dadri | ACTL ICD, Faridabad | Adani Logistics Park ICD, Gurgaon | Albatross Inland Ports ICD, Dadri | Gateway Rail Freight ICD, Gurgaon | APM Terminals ICD, Dadri | CWC ICD, Patparganj | CMA CGM Logistics Park, Dadri |
|---|---|---|---|---|---|---|---|
| 165.4 | 129 | 125.8 | 102.9 | 95.4 | 124.5 | 159.2 | 153.2 |

# Trend Analysis

# Western Corridor Port – Yearly Analysis

**DLDS**
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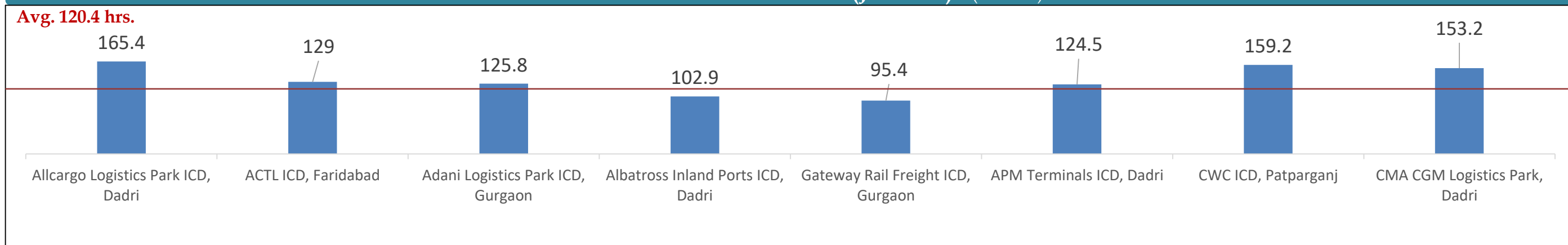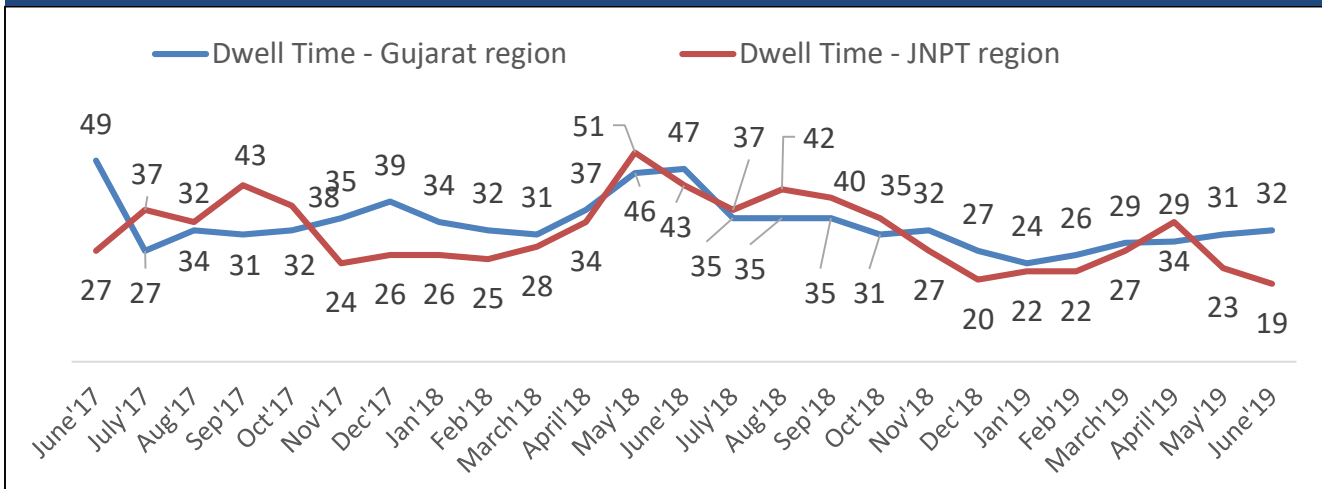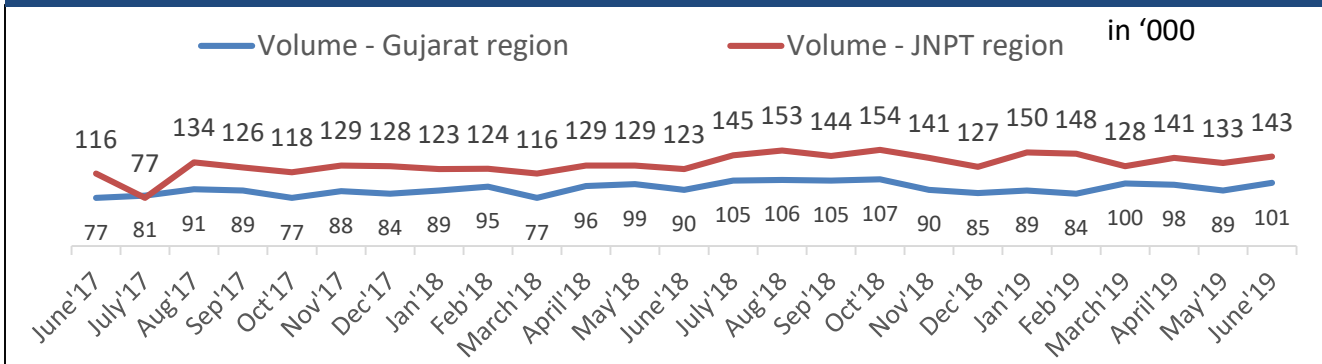
Container Volume and Dwell time of all the terminals in JNPT and Gujarat Port has been analysed until May'19

## Import Cycle

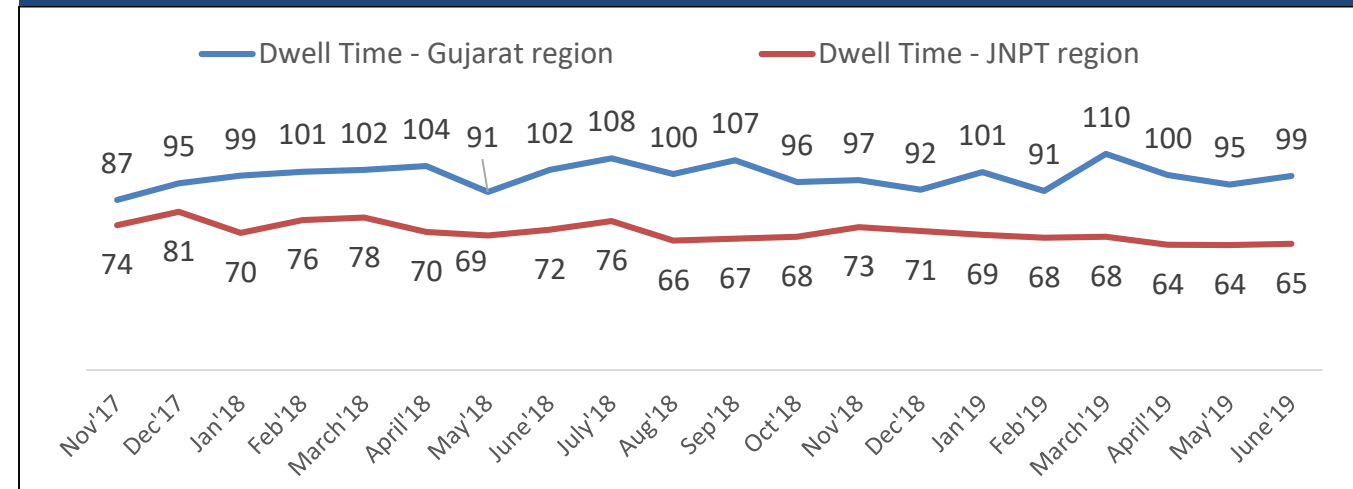### Dwell Time – Gujarat Region Vs JNPT Region



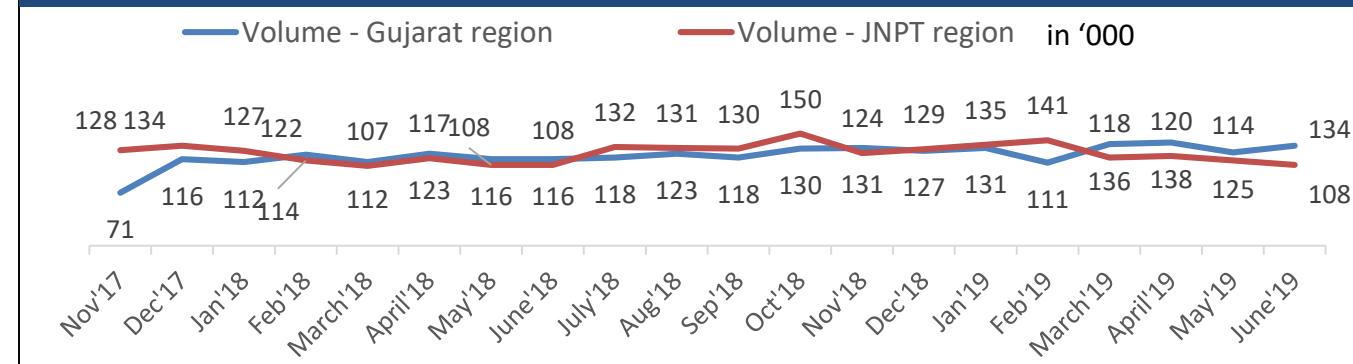### Volume – Gujarat Region Vs JNPT Region



## Export Cycle

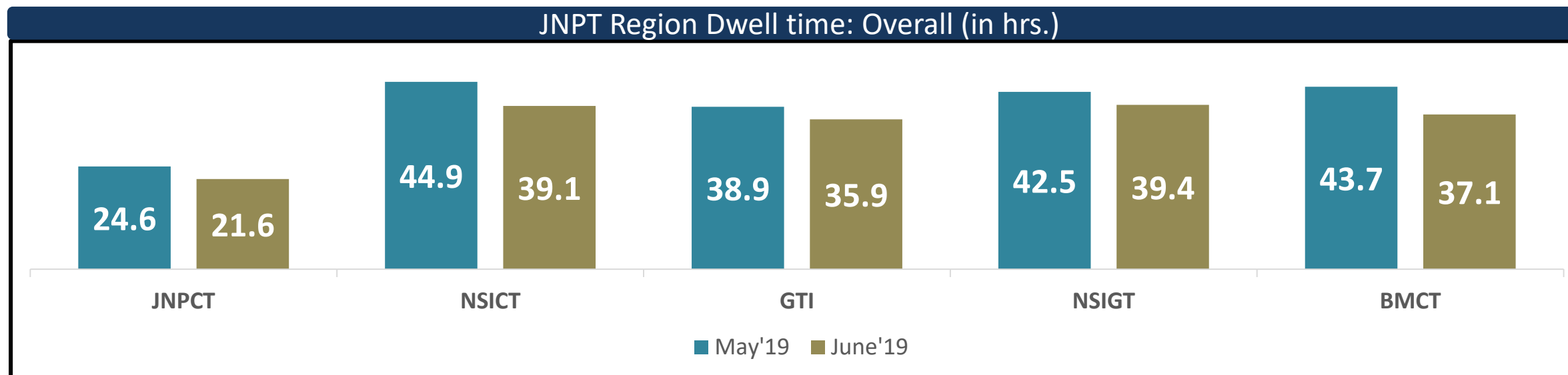### Dwell Time – Gujarat Region Vs JNPT Region



### Volume – Gujarat Region Vs JNPT Region



**In Import cycle**, for the month of June'19 JNPT port has catered 42% **more volume** than APSEZ Port, and has maintained 41% **lower dwell time** than APSEZ Port

**In Export cycle**, for the month June'19 JNPT port catered 19% **more volume** then JNPT Port, and has maintained 35% **lower dwell time** than APSEZ 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 combined) 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
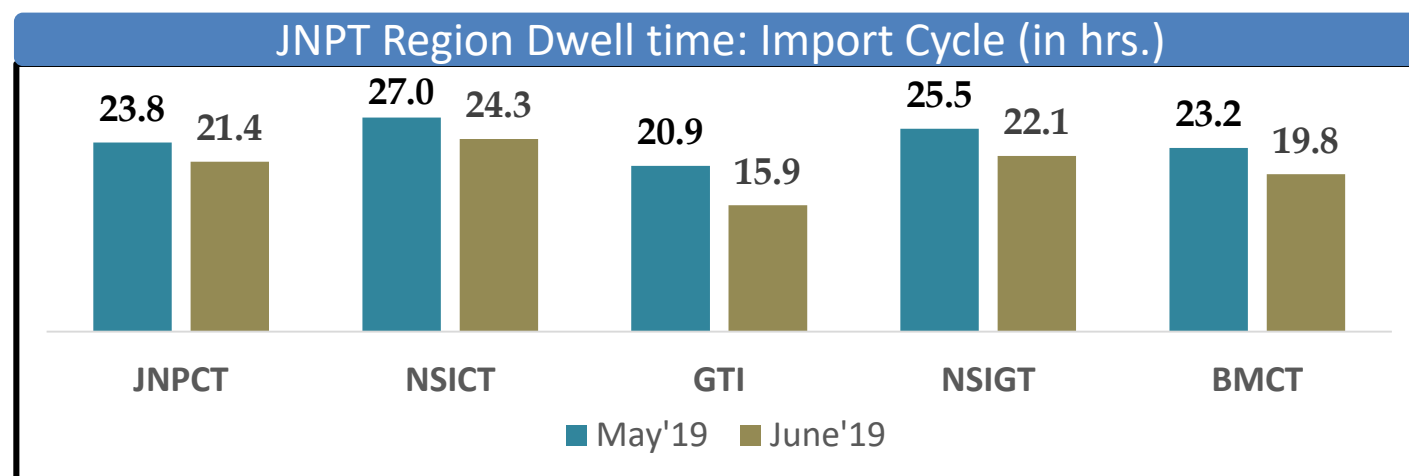
## JNPT Region Dwell time: Overall (in hrs.)

| Terminal | May'19 | June'19 |
|----------|--------|---------|
| JNPCT | 24.6 | 21.6 |
| NSICT | 44.9 | 39.1 |
| GTI | 38.9 | 35.9 |
| NSIGT | 42.5 | 39.4 |
| BMCT | 43.7 | 37.1 |

■ May'19   ■ June'19

> The overall JNPT region average dwell time for June'19 is **34.3 hrs** as compared to **40.0 hrs** in May'19

The below tables showcase the Import and Export cycle dwell time for both rail and truck bound containers for month of  March'19
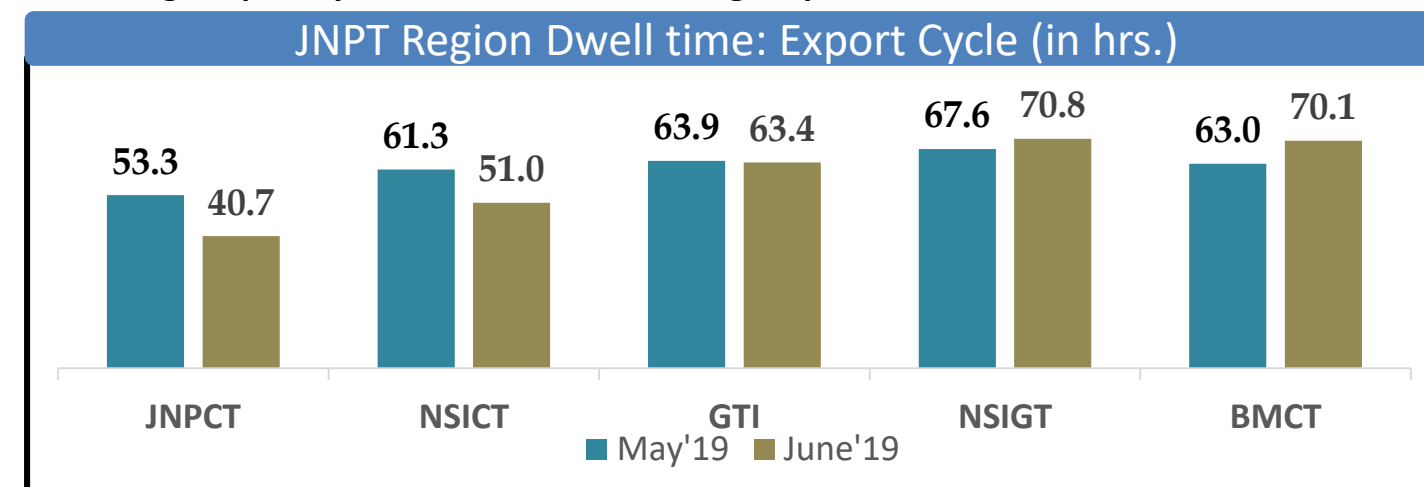
### 🔍 JNPT Import cycle Trend

**The average import cycle dwell time of JNPT region port terminals for June'19 is 19.0 hrs.**

#### JNPT Region Dwell time: Import Cycle (in hrs.)

| Terminal | May'19 | June'19 |
|----------|--------|---------|
| JNPCT | 23.8 | 21.4 |
| NSICT | 27.0 | 24.3 |
| GTI | 20.9 | 15.9 |
| NSIGT | 25.5 | 22.1 |
| BMCT | 23.2 | 19.8 |

■ May'19   ■ June'19

### 🔍 JNPT Export cycle Trend

**The average export cycle dwell time of JNPT region port terminals for June'19 is 64.5 hrs.**

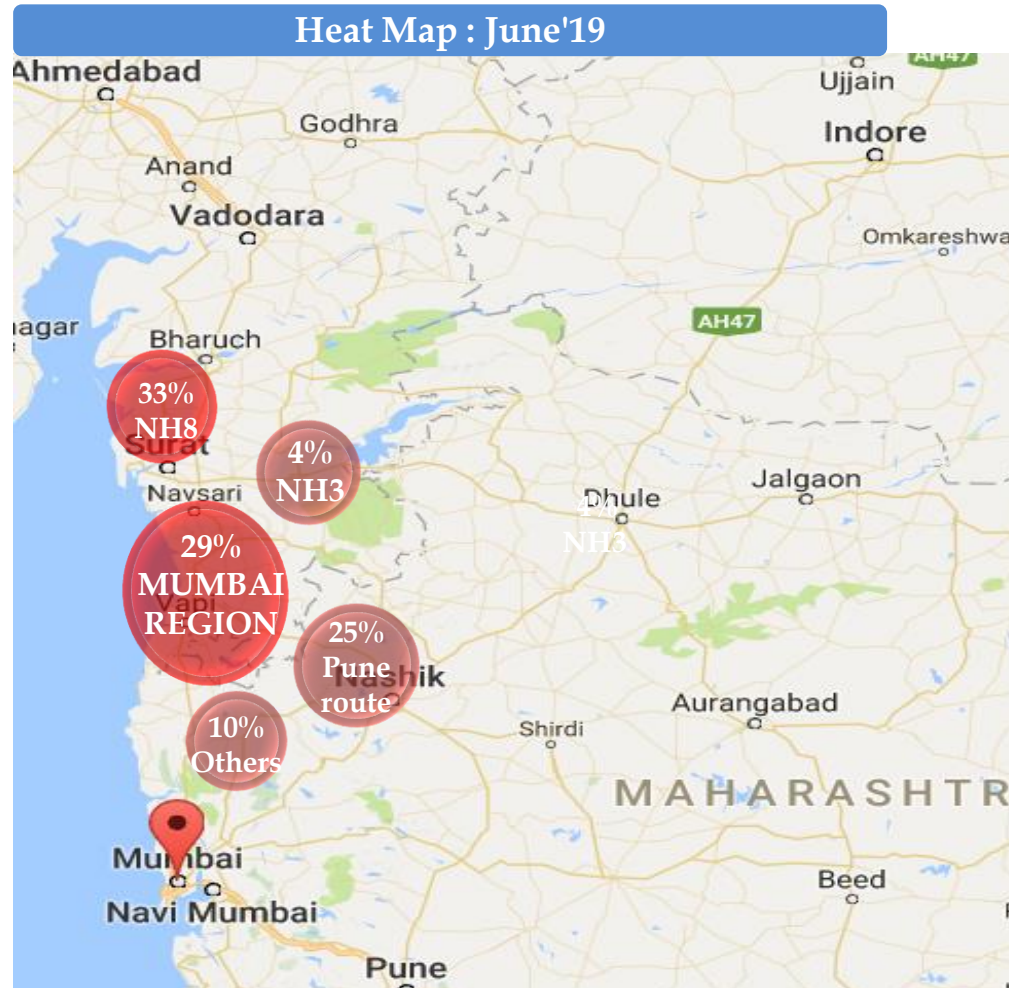#### JNPT Region Dwell time: Export Cycle (in hrs.)

| Terminal | May'19 | June'19 |
|----------|--------|---------|
| JNPCT | 53.3 | 40.7 |
| NSICT | 61.3 | 51.0 |
| GTI | 63.9 | 63.4 |
| NSIGT | 67.6 | 70.8 |
| BMCT | 63.0 | 70.1 |

■ May'19   ■ June'19

# ANNEXURE

# Container movement around JNPT Port terminal region via Truck



## HEAT MAP : GTI Port Terminal

**Heat Map : June'19**

| Region | May'19 | June'19 |
|---|---|---|
| Mumbai region | 34% | 29% |
| NH3 | 3% | 4% |
| Pune | 23% | 25% |
| NH8 | 30% | 33% |
| others | 10% | 10% |

The heat map above depicts the movement of containers in and around the Mumbai region.
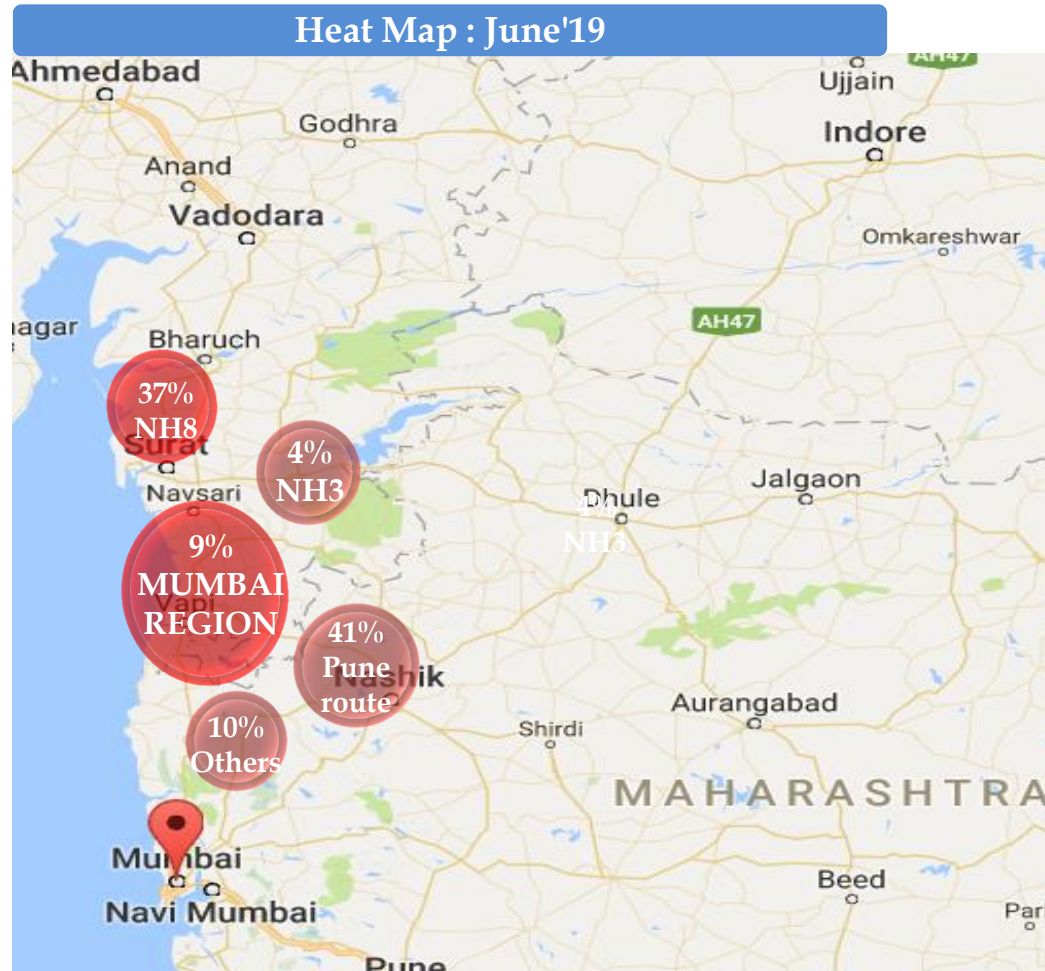
## HEAT MAP : JNPCT Port Terminal
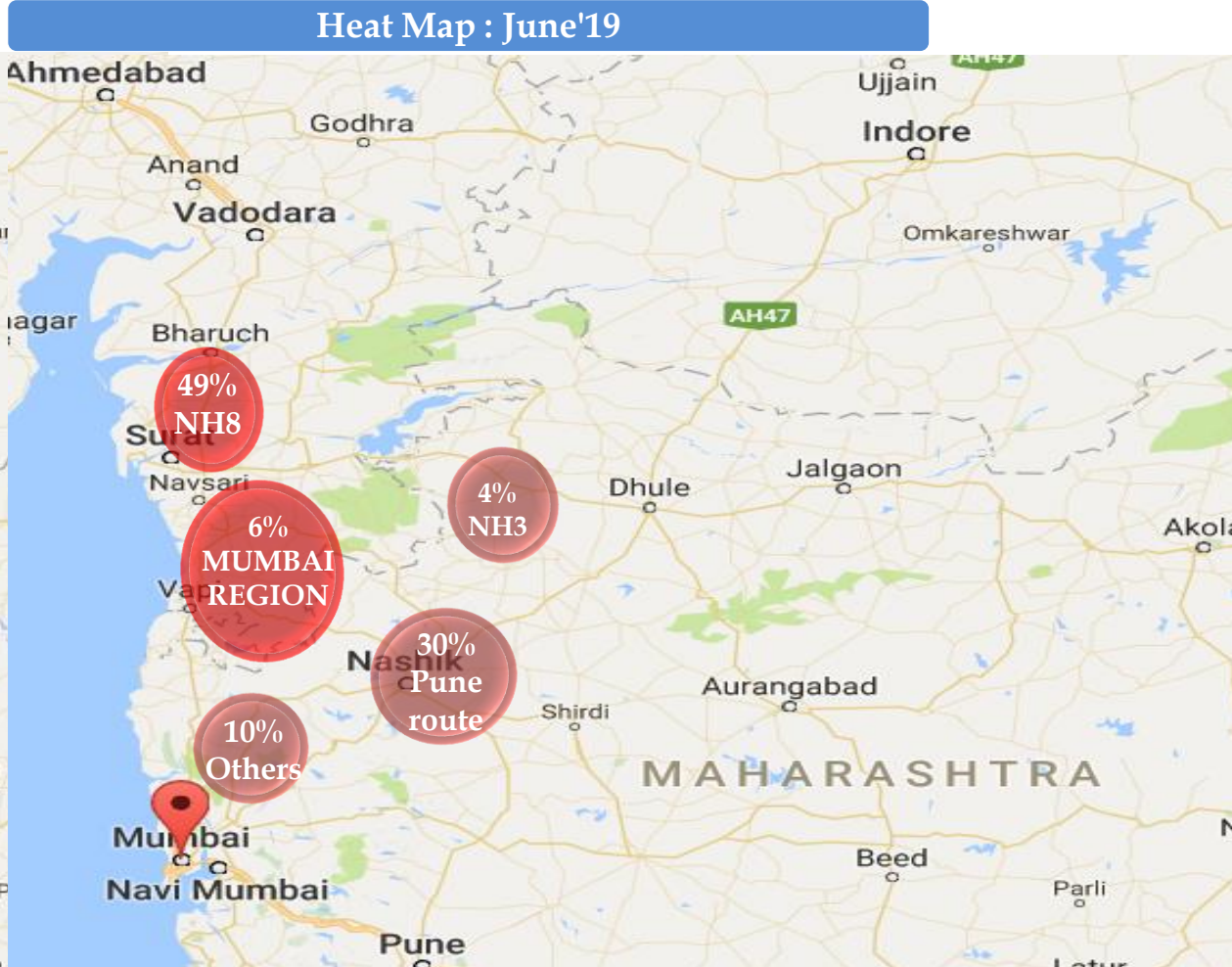
**Heat Map : June'19**

| Region | June'19 |
|---|---|
| Mumbai region | 6% |
| NH3 | 4% |
| Pune | 30% |
| NH8 | 49% |
| others | 10% |

The heat map above depicts the movement of containers in and around the Mumbai region.
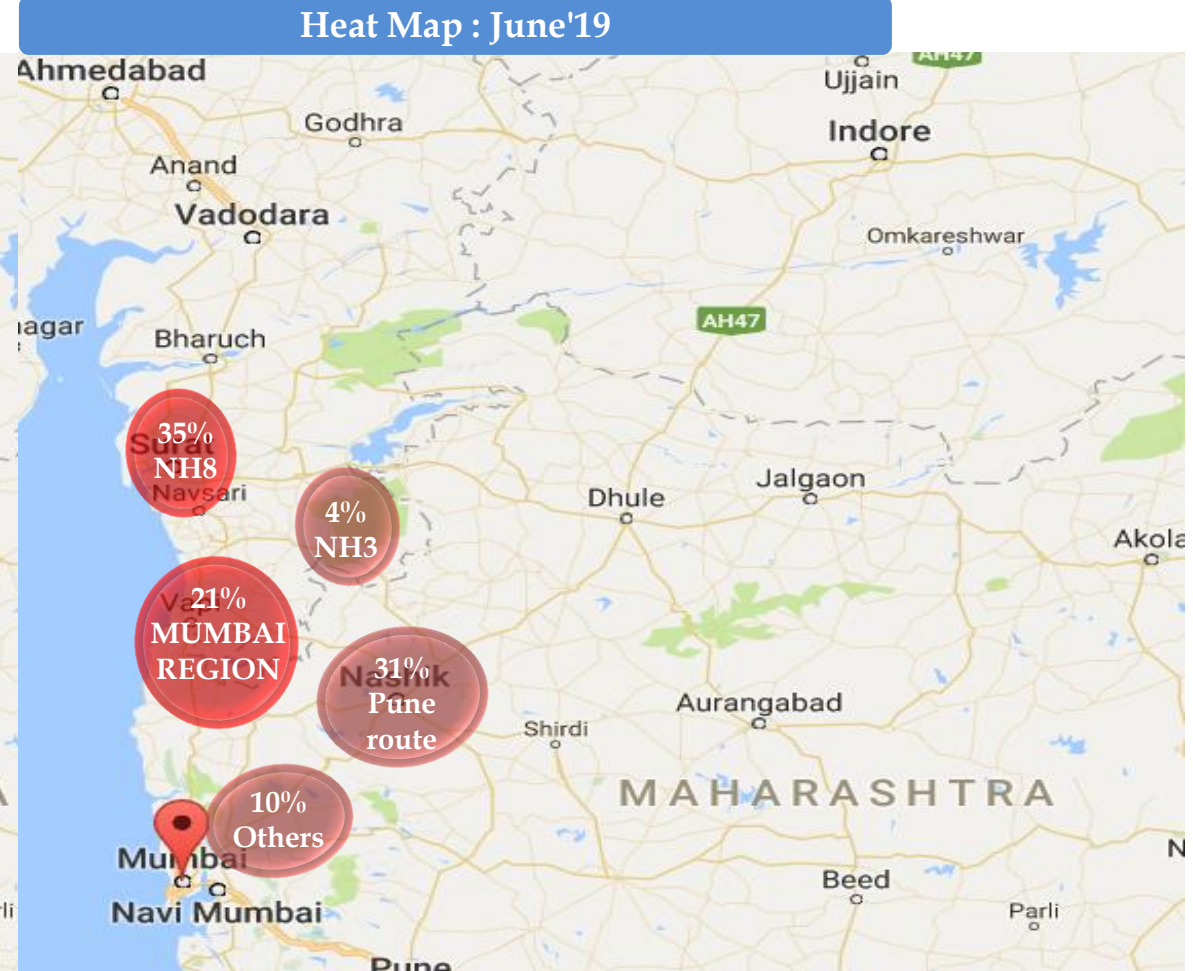
# Container movement around JNPT Port terminal region via Truck

## HEAT MAP : NSIGT Port Terminal

| Region | May'19 | June'19 |
|---|---|---|
| Mumbai region | 20% | 9% |
| NH3 | 5% | 4% |
| Pune | 32% | 41% |
| NH8 | 33% | 37% |
| others | 10% | 10% |

## HEAT MAP : BMCT Port Terminal

| Region | May'19 | June'19 |
|---|---|---|
| Mumbai region | 36% | 21% |
| NH3 | 3% | 4% |
| Pune | 22% | 31% |
| NH8 | 29% | 35% |
| 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

**DLDS**
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*Logistics Redefined*

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

| For June'19 | | | | | |
|---|---|---|---|---|---|
| **CFS Out Port in (Export Cycle in Hrs)** | | | | | |
| **CFS** | **JNPCT** | **GTI** | **NSICT** | **NSIGT** | **BMCT** |
| Speedy Multimode CFS, JNPT | 3.7 | 3.9 | 2.3 | 2.4 | 1.8 |
| Dronagiri Rail Terminal CFS, Navi Mumbai | 4.8 | 4.2 | 2.6 | 2.6 | 1.7 |
| Maharashtra State Corp CFS | 5.4 | 4.2 | 4.7 | 3.9 | 2.0 |
| JWR CFS | - | - | - | - | - |
| Navkar Corporation Yard 3 CFS, Panvel | 9.4 | 9.4 | 10.7 | 7.3 | 7.8 |
| International Cargo Terminal CFS | 7.3 | 4.2 | 2.4 | 4.0 | 2.5 |
| CWC Hind Terminal CFS, Navi Mumbai | 13.3 | 6.0 | 2.2 | 3.1 | 2.1 |
| Navkar Corporation Yard 2 CFS, Panvel | 10.8 | 9.3 | 8.1 | 10.0 | 7.2 |
| Punjab Conware CFS, Navi Mumbai | 4.2 | 4.7 | 2.2 | 2.7 | 2.1 |
| JWC Logistics Park CFS | 6.0 | 6.6 | 2.9 | 3.4 | 2.9 |
| TG Terminals CFS | - | - | - | - | - |
| Apollo Logisolutions CFS, Panvel | 8.5 | 8.4 | 3.8 | 4.0 | 5.8 |
| Vaishno Logistics CFS, Navi Mumbai | 7.3 | 4.7 | 2.2 | 4.1 | 2.5 |
| Gateway Distriparks CFS, Navi Mumbai | 4.7 | 4.9 | 2.3 | 3.7 | 1.9 |
| Transindia Logistics Park, Navi Mumbai | 7.0 | 4.1 | 2.2 | 3.1 | 2.4 |
| Ashte Logistics CFS, Panvel | 6.3 | 6.6 | 4.7 | 3.0 | 3.8 |
| International Cargo Terminals (ULA) CFS, Navi Mumbai | 9.0 | 4.4 | 2.2 | 2.6 | 4.5 |
| All Cargo Logistics CFS, Navi Mumbai | - | 15.8 | - | - | 11.4 |
| Ocean Gate CFS, Panvel | 6.0 | 6.5 | 2.7 | 3.9 | 3.0 |
| Ameya Logistics CFS, Navi Mumbai | 11.9 | 6.0 | 3.3 | 4.1 | 2.7 |
| APM (Maersk India) CFS, Navi Mumbai | 8.2 | 3.9 | 2.1 | 2.2 | 1.6 |
| Seabird CFS, Navi Mumbai | 11.2 | 3.7 | 4.5 | 3.4 | 2.1 |
| Continental Warehousing CFS, Navi Mumbai | 6.1 | 4.8 | 2.0 | 2.7 | 1.8 |
| Indev Logistics CFS, Panvel | 8.9 | 5.0 | 6.3 | 3.2 | 2.9 |
| SBW Logistics CFS, Navi Mumbai | 10.1 | 7.7 | - | 6.4 | 6.5 |
| Balmer & Lawrie CFS, Navi Mumbai | 11.1 | 5.9 | 2.9 | 6.3 | 2.3 |
| CWC Dronagiri CFS, Navi Mumbai | 4.5 | 4.1 | 3.0 | 3.0 | 2.8 |
| Navkar Corporation Yard 1 CFS, Panvel | 4.4 | - | - | - | - |

# 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 | June'19 (in hrs) |
| Speedy Multimode CFS, JNPT | 2.0 |
| Dronagiri Rail Terminal CFS, Navi Mumbai | 2.3 |
| Maharashtra State Corp CFS | 5.2 |
| JWR CFS | - |
| Navkar Corporation Yard 3 CFS, Panvel | 3.9 |
| International Cargo Terminal CFS | 2.8 |
| CWC Hind Terminal CFS, Navi Mumbai | 2.1 |
| Navkar Corporation Yard 2 CFS, Panvel | 3.8 |
| Punjab Conware CFS, Navi Mumbai | 2.3 |
| JWC Logistics Park CFS | 3.9 |
| TG Terminals CFS | - |
| Apollo Logisolutions CFS, Panvel | 4.2 |
| Vaishno Logistics CFS, Navi Mumbai | 2.7 |
| Gateway Distriparks CFS, Navi Mumbai | 3.0 |
| Transindia Logistics Park, Navi Mumbai | 2.8 |
| Ashte Logistics CFS, Panvel | 4.2 |
| International Cargo Terminals (ULA) CFS, Navi Mumbai | 2.6 |
| All Cargo Logistics CFS, Navi Mumbai | 3.0 |
| Ocean Gate CFS, Panvel | 3.9 |
| Ameya Logistics CFS, Navi Mumbai | 2.6 |
| APM (Maersk India) CFS, Navi Mumbai | 2.1 |
| Seabird CFS, Navi Mumbai | 2.5 |
| Continental Warehousing CFS, Navi Mumbai | 2.0 |
| Indev Logistics CFS, Panvel | 4.8 |
| SBW Logistics CFS, Navi Mumbai | 4.8 |
| Balmer & Lawrie CFS, Navi Mumbai | 2.8 |
| CWC Dronagiri CFS, Navi Mumbai | 8.0 |
| Navkar Corporation Yard 1 CFS, Panvel | 4.1 |

## 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 | June'19 (in hrs) |
| Speedy Multimode CFS, JNPT | 1.6 |
| Dronagiri Rail Terminal CFS, Navi Mumbai | 1.7 |
| Maharashtra State Corp CFS | 18.9 |
| JWR CFS | - |
| Navkar Corporation Yard 3 CFS, Panvel | 3.1 |
| International Cargo Terminal CFS | 2.4 |
| CWC Hind Terminal CFS, Navi Mumbai | 1.8 |
| Navkar Corporation Yard 2 CFS, Panvel | 3.5 |
| Punjab Conware CFS, Navi Mumbai | 2.0 |
| JWC Logistics Park CFS | 3.0 |
| TG Terminals CFS | - |
| Apollo Logisolutions CFS, Panvel | 4.2 |
| Vaishno Logistics CFS, Navi Mumbai | 3.2 |
| Gateway Distriparks CFS, Navi Mumbai | 2.8 |
| Transindia Logistics Park, Navi Mumbai | 2.5 |
| Ashte Logistics CFS, Panvel | 3.8 |
| International Cargo Terminals (ULA) CFS, Navi Mumbai | 1.9 |
| All Cargo Logistics CFS, Navi Mumbai | 4.6 |
| Ocean Gate CFS, Panvel | 3.2 |
| Ameya Logistics CFS, Navi Mumbai | 2.2 |
| APM (Maersk India) CFS, Navi Mumbai | 2.1 |
| Seabird CFS, Navi Mumbai | 2.6 |
| Continental Warehousing CFS, Navi Mumbai | 1.6 |
| Indev Logistics CFS, Panvel | 4.4 |
| SBW Logistics CFS, Navi Mumbai | 3.5 |
| Balmer & Lawrie CFS, Navi Mumbai | 2.3 |
| CWC Dronagiri CFS, Navi Mumbai | - |
| Navkar Corporation Yard 1 CFS, Panvel | 4.2 |

# 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 | June'19 (in hrs) |
| Speedy Multimode CFS, JNPT | 4.6 |
| Dronagiri Rail Terminal CFS, Navi Mumbai | 2.4 |
| Maharashtra State Corp CFS | 7.6 |
| JWR CFS | - |
| Navkar Corporation Yard 3 CFS, Panvel | 5.9 |
| International Cargo Terminal CFS | 2.7 |
| CWC Hind Terminal CFS, Navi Mumbai | 2.0 |
| Navkar Corporation Yard 2 CFS, Panvel | 4.0 |
| Punjab Conware CFS, Navi Mumbai | 1.9 |
| JWC Logistics Park CFS | 3.4 |
| TG Terminals CFS | - |
| Apollo Logisolutions CFS, Panvel | 5.2 |
| Vaishno Logistics CFS, Navi Mumbai | 6.8 |
| Gateway Distriparks CFS, Navi Mumbai | 3.3 |
| Transindia Logistics Park, Navi Mumbai | 2.4 |
| Ashte Logistics CFS, Panvel | 3.0 |
| International Cargo Terminals (ULA) CFS, Navi Mumbai | 2.7 |
| All Cargo Logistics CFS, Navi Mumbai | 4.2 |
| Ocean Gate CFS, Panvel | 4.5 |
| Ameya Logistics CFS, Navi Mumbai | 2.6 |
| APM (Maersk India) CFS, Navi Mumbai | 2.2 |
| Seabird CFS, Navi Mumbai | 2.1 |
| Continental Warehousing CFS, Navi Mumbai | 1.4 |
| Indev Logistics CFS, Panvel | 5.1 |
| SBW Logistics CFS, Navi Mumbai | 6.7 |
| Balmer & Lawrie CFS, Navi Mumbai | 2.7 |
| CWC Dronagiri CFS, Navi Mumbai | - |
| Navkar Corporation Yard 1 CFS, Panvel | 4.4 |

## 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 | June'19 (in hrs) |
| Speedy Multimode CFS, JNPT | 1.7 |
| Dronagiri Rail Terminal CFS, Navi Mumbai | 2.4 |
| Maharashtra State Corp CFS | 22.5 |
| JWR CFS | - |
| Navkar Corporation Yard 3 CFS, Panvel | 4.7 |
| International Cargo Terminal CFS | 2.8 |
| CWC Hind Terminal CFS, Navi Mumbai | 1.8 |
| Navkar Corporation Yard 2 CFS, Panvel | 4.7 |
| Punjab Conware CFS, Navi Mumbai | 2.1 |
| JWC Logistics Park CFS | 3.2 |
| TG Terminals CFS | - |
| Apollo Logisolutions CFS, Panvel | 4.5 |
| Vaishno Logistics CFS, Navi Mumbai | 3.3 |
| Gateway Distriparks CFS, Navi Mumbai | 3.2 |
| Transindia Logistics Park, Navi Mumbai | 2.8 |
| Ashte Logistics CFS, Panvel | 3.8 |
| International Cargo Terminals (ULA) CFS, Navi Mumbai | 2.7 |
| All Cargo Logistics CFS, Navi Mumbai | 5.3 |
| Ocean Gate CFS, Panvel | 3.4 |
| Ameya Logistics CFS, Navi Mumbai | 2.3 |
| APM (Maersk India) CFS, Navi Mumbai | 1.8 |
| Seabird CFS, Navi Mumbai | 2.0 |
| Continental Warehousing CFS, Navi Mumbai | 1.5 |
| Indev Logistics CFS, Panvel | 4.8 |
| SBW Logistics CFS, Navi Mumbai | 4.5 |
| Balmer & Lawrie CFS, Navi Mumbai | 2.2 |
| CWC Dronagiri CFS, Navi Mumbai | - |
| Navkar Corporation Yard 1 CFS, Panvel | 4.1 |

## 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 )- BMCT TO ALL CFS IN MUMBAI | |
|---|---|
| CFS | June'19 (in hrs) |
| Speedy Multimode CFS, JNPT | 1.6 |
| Dronagiri Rail Terminal CFS, Navi Mumbai | 1.8 |
| Maharashtra State Corp CFS | 1.8 |
| JWR CFS | - |
| Navkar Corporation Yard 3 CFS, Panvel | 4.0 |
| International Cargo Terminal CFS | 3.1 |
| CWC Hind Terminal CFS, Navi Mumbai | 2.1 |
| Navkar Corporation Yard 2 CFS, Panvel | 3.9 |
| Punjab Conware CFS, Navi Mumbai | 2.4 |
| JWC Logistics Park CFS | 3.8 |
| TG Terminals CFS | - |
| Apollo Logisolutions CFS, Panvel | 3.9 |
| Vaishno Logistics CFS, Navi Mumbai | 2.2 |
| Gateway Distriparks CFS, Navi Mumbai | 3.0 |
| Transindia Logistics Park, Navi Mumbai | 3.3 |
| Ashte Logistics CFS, Panvel | 4.5 |
| International Cargo Terminals (ULA) CFS, Navi Mumbai | 2.5 |
| All Cargo Logistics CFS, Navi Mumbai | 3.3 |
| Ocean Gate CFS, Panvel | 3.7 |
| Ameya Logistics CFS, Navi Mumbai | 2.5 |
| APM (Maersk India) CFS, Navi Mumbai | 2.5 |
| Seabird CFS, Navi Mumbai | 2.1 |
| Continental Warehousing CFS, Navi Mumbai | 1.6 |
| Indev Logistics CFS, Panvel | 3.9 |
| SBW Logistics CFS, Navi Mumbai | 3.7 |
| Balmer & Lawrie CFS, Navi Mumbai | 2.3 |
| CWC Dronagiri CFS, Navi Mumbai | 40.1 |
| Navkar Corporation Yard 1 CFS, Panvel | 4.7 |

# JNPT Region : Cluster Analysis

Base on container movement from port to CFS in Mumbai region, All the CFS's have been grouped into 8 Clusters on the basis of their vicinity. Below table shows all the clusters and the relevant data for GTI and JNPCT terminal

### CFS Cluster : GTI Terminal

| GTI terminal for month of June'19 | | | | |
|---|---|---|---|---|
| Clusters | No. of CFS's in Cluster | Distance from Port (Km) | Import cycle time (in Hrs) | Export cycle time (in Hrs) |
| Cluster 1 | 1 | 8 | 2.0 | 3.9 |
| Cluster 2 | 6 | 13 | 2.7 | 4.7 |
| Cluster 3 | 6 | 11 | 2.5 | 4.2 |
| Cluster 4 | 1 | 13 | 1.3 | 2.3 |
| Cluster 5 | 2 | 25 | 3.9 | 6.5 |
| Cluster 6 | 6 | 25 | 4.1 | 7.5 |
| Cluster 7 | 4 | 12 | 2.7 | 5.4 |
| Cluster 8 | 1 | 34 | 4.8 | 7.7 |

### CFS Cluster : JNPCT Terminal

| JNPCT terminal for month of June'19 | | | | |
|---|---|---|---|---|
| Clusters | No. of CFS's in Cluster | Distance from Port (Km) | Import cycle time (in Hrs) | Export cycle time (in Hrs) |
| Cluster 1 | 1 | 8 | 1.6 | 3.7 |
| Cluster 2 | 6 | 13 | 2.2 | 8.6 |
| Cluster 3 | 6 | 11 | 2.0 | 4.8 |
| Cluster 4 | 1 | 13 | 1.6 | 3.7 |
| Cluster 5 | 2 | 25 | 3.1 | 6.0 |
| Cluster 6 | 6 | 25 | 4.0 | 8.7 |
| Cluster 7 | 4 | 12 | 2.4 | 6.6 |
| Cluster 8 | 1 | 34 | 3.5 | 10.1 |

Export container usually aren't allowed in the port before the arrival of their respective vessel so this unplanned transportation of the export containers from the CFS's to Port can cause **bottlenecks**

# JNPT Region : Cluster Analysis

Base on container movement from port to CFS in Mumbai region, All the CFS's have been grouped into 8 Clusters on the basis of their vicinity.
Below table shows all the clusters and the relevant data for GTI and JNPCT terminal

### CFS Cluster : NSICT Terminal

| GTI terminal for month of June'19 | | | | |
|---|---|---|---|---|
| Clusters | No. of CFS's in Cluster | Distance from Port (Km) | Import cycle time (in Hrs) | Export cycle time (in Hrs) |
| Cluster 1 | 1 | 8 | 4.6 | 2.3 |
| Cluster 2 | 6 | 13 | 2.7 | 2.3 |
| Cluster 3 | 6 | 11 | 2.1 | 3.0 |
| Cluster 4 | 1 | 13 | 3.4 | 1.1 |
| Cluster 5 | 2 | 25 | 4.0 | 2.8 |
| Cluster 6 | 6 | 25 | 4.8 | 5.5 |
| Cluster 7 | 4 | 12 | 2.5 | 2.1 |
| Cluster 8 | 1 | 34 | 6.7 | 0.0 |

### CFS Cluster : NSIGT Terminal

| JNPCT terminal for month of June'19 | | | | |
|---|---|---|---|---|
| Clusters | No. of CFS's in Cluster | Distance from Port (Km) | Import cycle time (in Hrs) | Export cycle time (in Hrs) |
| Cluster 1 | 1 | 8 | 1.7 | 2.4 |
| Cluster 2 | 6 | 13 | 2.4 | 3.4 |
| Cluster 3 | 6 | 11 | 2.1 | 3.0 |
| Cluster 4 | 1 | 13 | 1.7 | 2.0 |
| Cluster 5 | 2 | 25 | 3.3 | 3.7 |
| Cluster 6 | 6 | 25 | 4.6 | 3.6 |
| Cluster 7 | 4 | 12 | 2.5 | 2.9 |
| Cluster 8 | 1 | 34 | 4.5 | 6.4 |

### CFS Cluster : BMCT Terminal

| JNPCT terminal for month of June'19 | | | | |
|---|---|---|---|---|
| Clusters | No. of CFS's in Cluster | Distance from Port (Km) | Import cycle time (in Hrs) | Export cycle time (in Hrs) |
| Cluster 1 | 1 | 8 | 1.6 | 1.8 |
| Cluster 2 | 6 | 13 | 2.5 | 2.2 |
| Cluster 3 | 6 | 11 | 2.1 | 2.1 |
| Cluster 4 | 1 | 13 | 1.1 | 1.3 |
| Cluster 5 | 2 | 25 | 3.7 | 2.9 |
| Cluster 6 | 6 | 25 | 3.9 | 4.8 |
| Cluster 7 | 4 | 12 | 2.9 | 2.5 |
| Cluster 8 | 1 | 34 | 3.7 | 6.5 |

Export container usually aren't allowed in the port before the arrival of their respective vessel so this unplanned transportation of the export containers from the CFS's to Port can cause **bottlenecks**

# LDB Operations Snapshot



**Legend:**
- ICD- 14
- CFS-117
- TOLL PLAZA-45
- OPERATIONAL PORTS
- PLANNED PORTS

**Map labels:** 14, 131, 45

**Ports:** MUNDRA, KANDALA, HAZIRA, JNPT, MURMUGAO, NEW MANGALORE, KOCHI, TUTICORN, CHENNAI, ENNORE, KATTUPALLI, KRISHNAPATNAM, VIZAG, PARADIP, HALDIA, KOLKATA
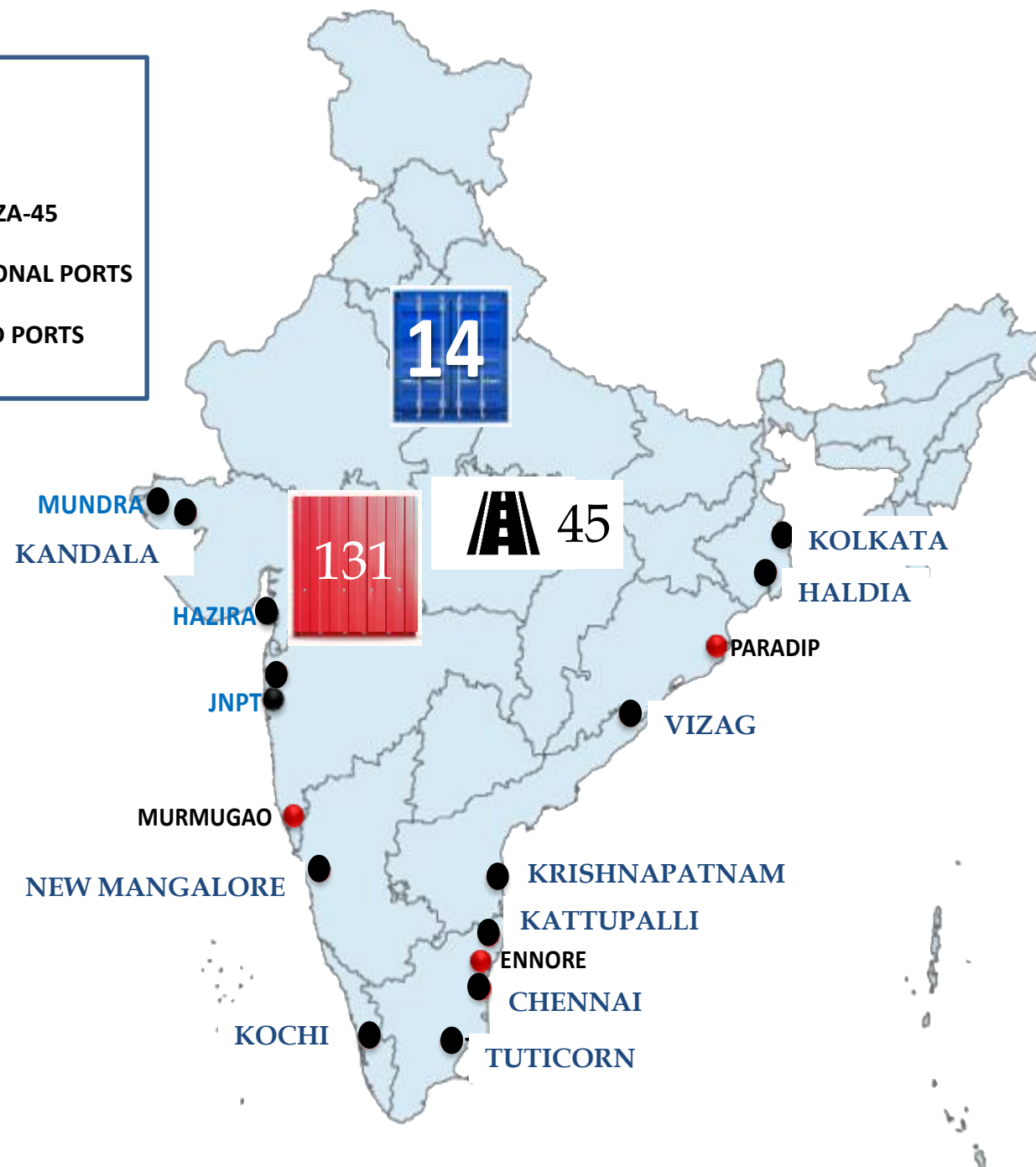
## Below mentioned are all the CFS in the respective Clusters :

### Cluster 1
(JNPT Area)
- Speedy Multimode CFS,JNPT

### Cluster 2
(Bhendkhal area, Khopate road)
- 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

### Cluster 3
Sonari area,JNPT road
- 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

### Cluster 4
(Chirle area , JNPT road)
- Vaishno Logistics CFS, Navi Mumbai

### Cluster 5
(Plaspa area, Coachi kanyakumari Highway)
- JWC Logistics Park CFS
- Ocean Gate CFS, Panvel

### Cluster 6
(Salva apta rd area, Bangalore highway)
- 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

### Cluster 7
(Patilpada area, Khopate JNPT road)
- All Cargo Logistics CFS, Navi Mumbai
- Transindia Logistics Park, Navi Mumbai
- Ameya Logistics CFS, Navi Mumbai
- Continental Warehousing CFS, Navi Mumbai

### Cluster 8
SBW

## List of CFS name used in CFS Performance Index

| | | | | |
|---|---|---|---|---|
| 1 | Navkar Corporation Yard 2 CFS, Panvel | | 21 | International Cargo Terminals (ULA) CFS, Navi Mumbai |
| 2 | APM (Maersk India) CFS, Navi Mumbai | | 22 | Punjab Conware CFS, Navi Mumbai |
| 3 | International Cargo Terminal CFS | | 23 | Apollo Logisolutions CFS, Panvel |
| 4 | JWR CFS | | 24 | Speedy Multimode CFS, JNPT |
| 5 | Continental Warehousing CFS, Navi Mumbai | | 25 | TG Terminals CFS |
| 6 | Ameya Logistics CFS, Navi Mumbai | | 26 | Transindia Logistics Park, Navi Mumbai |
| 7 | CWC Hind Terminal CFS, Navi Mumbai | | 27 | Take Care Logistics CFS |
| 8 | Gateway Distriparks CFS, Navi Mumbai | | 28 | Dronagiri Rail Terminal CFS, Navi Mumbai |
| 9 | Seabird CFS, Navi Mumbai | | 29 | Vaishno Logistics CFS, Navi Mumbai |
| 10 | Navkar Corporation Yard 3 CFS, Panvel | | 30 | JWC Logistics Park CFS |
| 11 | Navkar Corporation Yard 1 CFS, Panvel | | 31 | Ocean Gate CFS, Panvel |
| 12 | Ashte Logistics CFS, Panvel | | 32 | SBW Logistics CFS, Navi Mumbai |
| 13 | Maersk Annex (APM)CFS, Navi Mumbai | | 33 | Maharashtra State Corp CFS |
| 14 | Indev Logistics CFS, Panvel | | | |
| 15 | Balmer & Lawrie CFS, Navi Mumbai | | | |

# THANK YOU