

Gujarat Port

Import	Export
25.5 hrs	91.3 hrs
Dwell Time	Dwell Time

JNPT Port

Import	Export
22.0 hrs	67.6 hrs
Dwell Time	Dwell Time

Kochi Port

Import	Export
84.0 hrs	65.7 hrs
Dwell Time	Dwell Time

Tuticorin Port

Import	Export
23.7 hrs	45.8 hrs
Dwell Time	Dwell Time

Kolkata Port

Import	Export
34.4 hrs	128.7 hrs
Dwell Time	Dwell Time

Vishakhapatnam Port

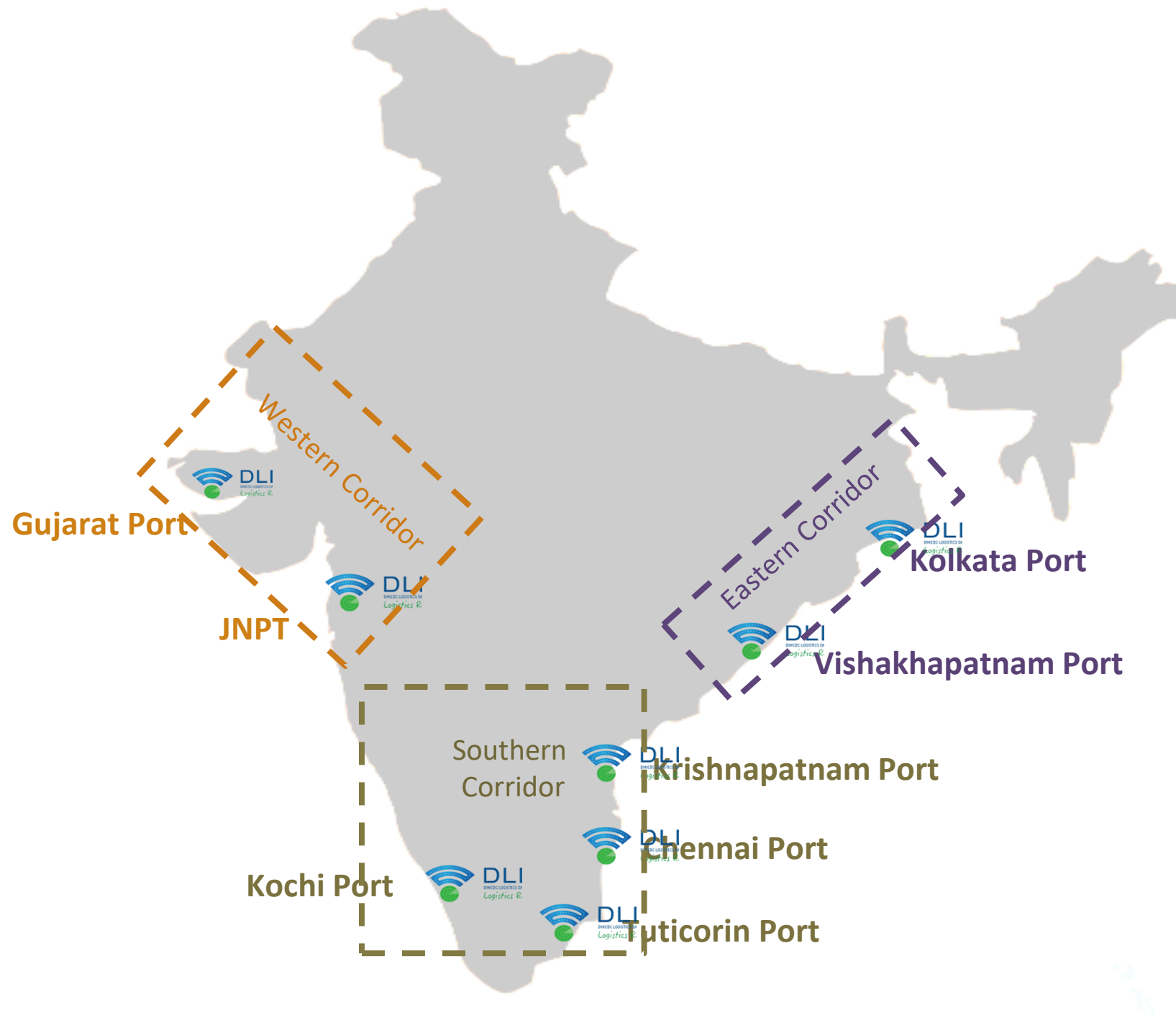
Import	Export
30.0 hrs	69.6 hrs
Dwell Time	Dwell Time

Krishnapatnam Port

Import	Export
112.3hrs	140.3 hrs
Dwell Time	Dwell Time

Chennai Port

Import	Export
36.6 hrs	66.2 hrs
Dwell Time	Dwell Time





Performance Benchmarking - Port Terminals



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

Top Performing Terminal

Gateway Terminals India (GTI)

Jan'19	Feb'19
37.6 hrs	40.0 hrs ↓

Low Performing Terminal

International Container Transshipment Terminal, Kochi

Jan'19	Feb'19
74.5 hrs	84.0 hrs ↓

Note: The performance benchmarking is based on performance index

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

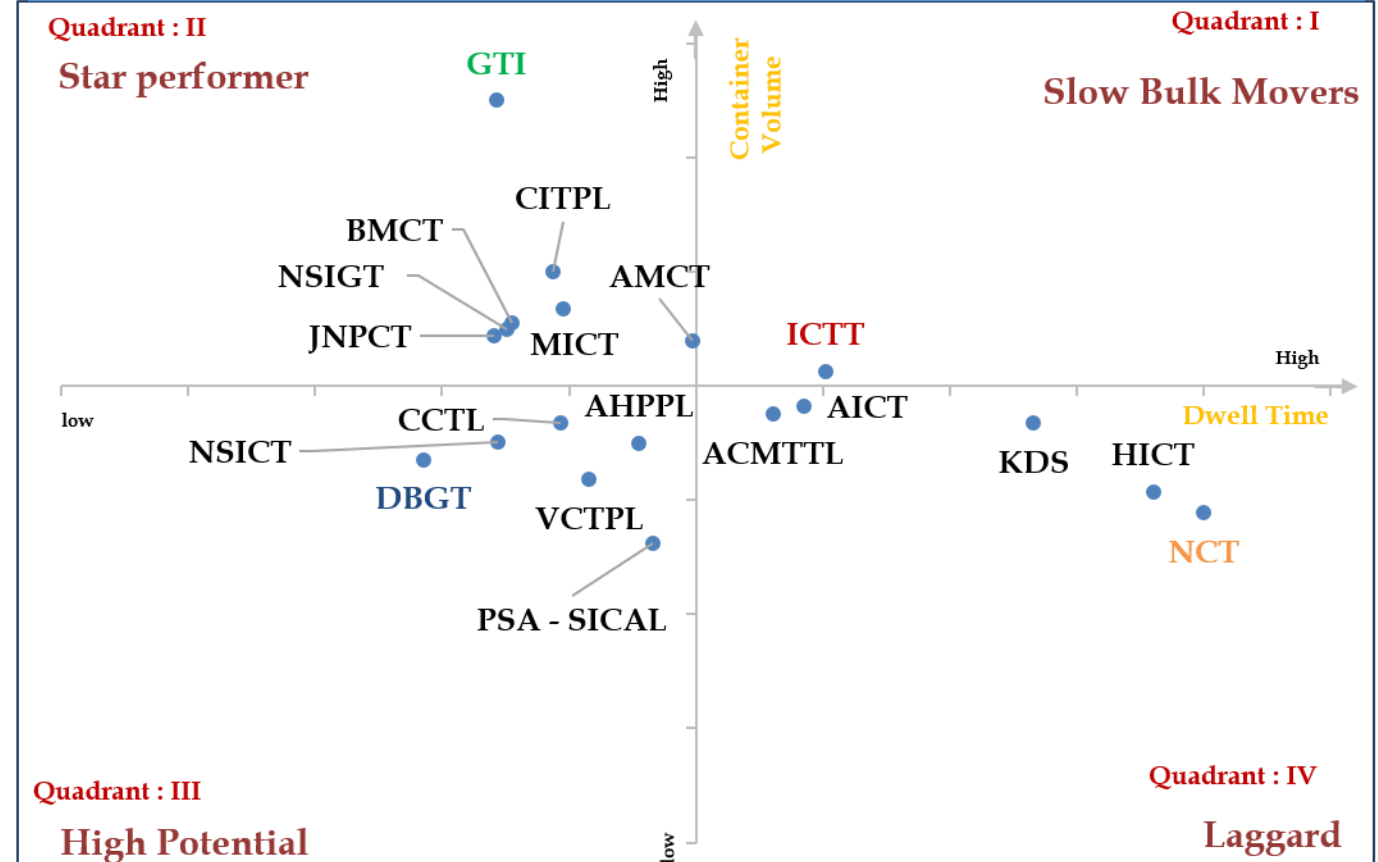
Star Performer: consist of entities which have catered relatively high container volume in lower dwell time

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

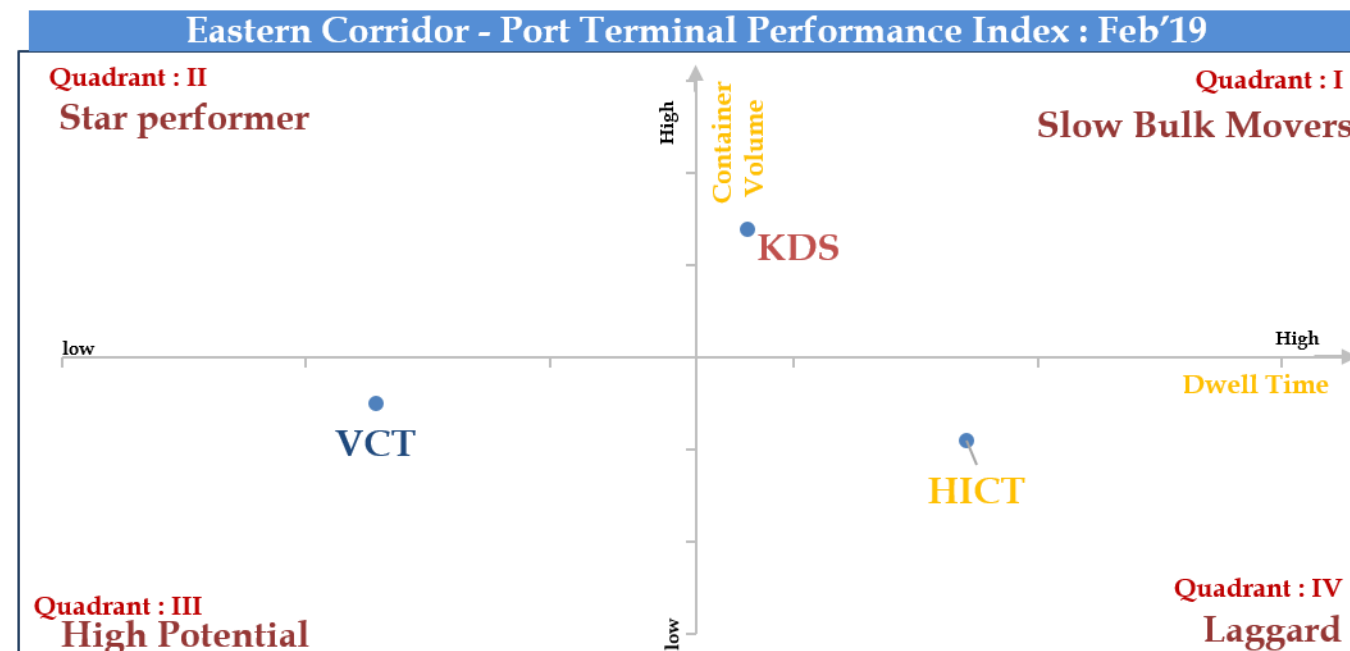
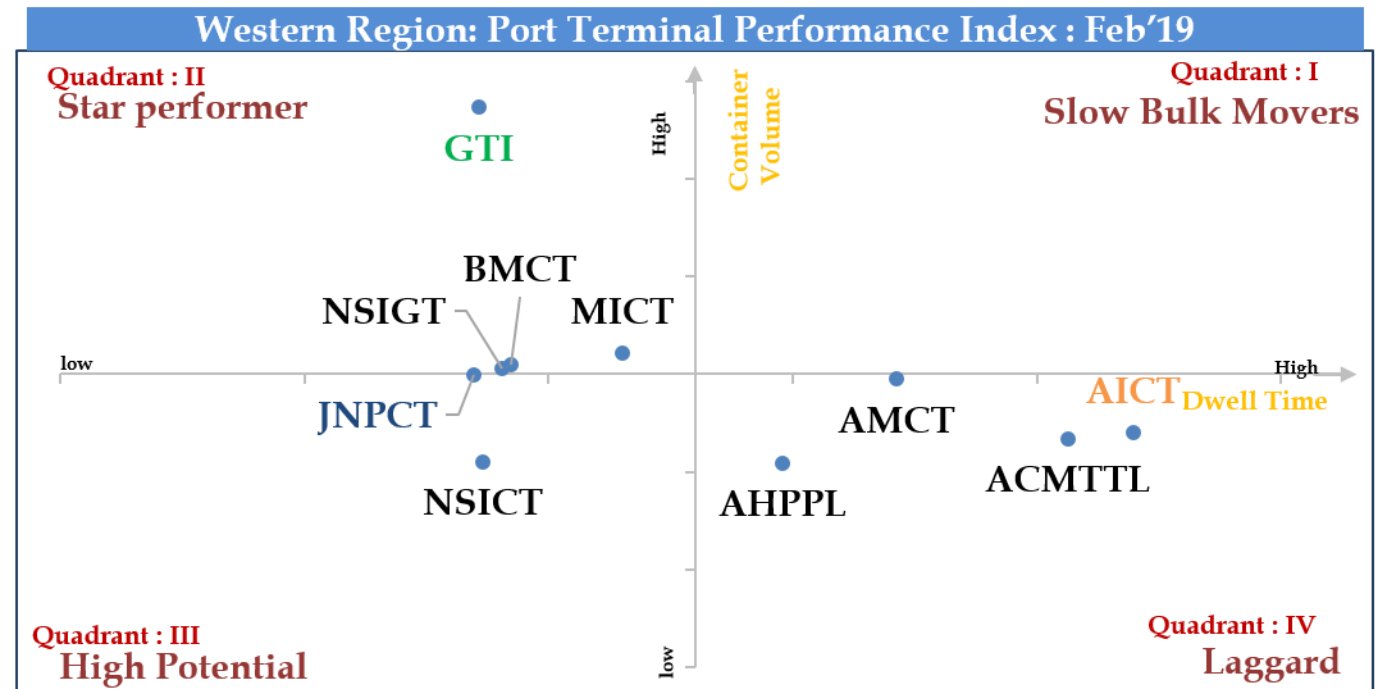
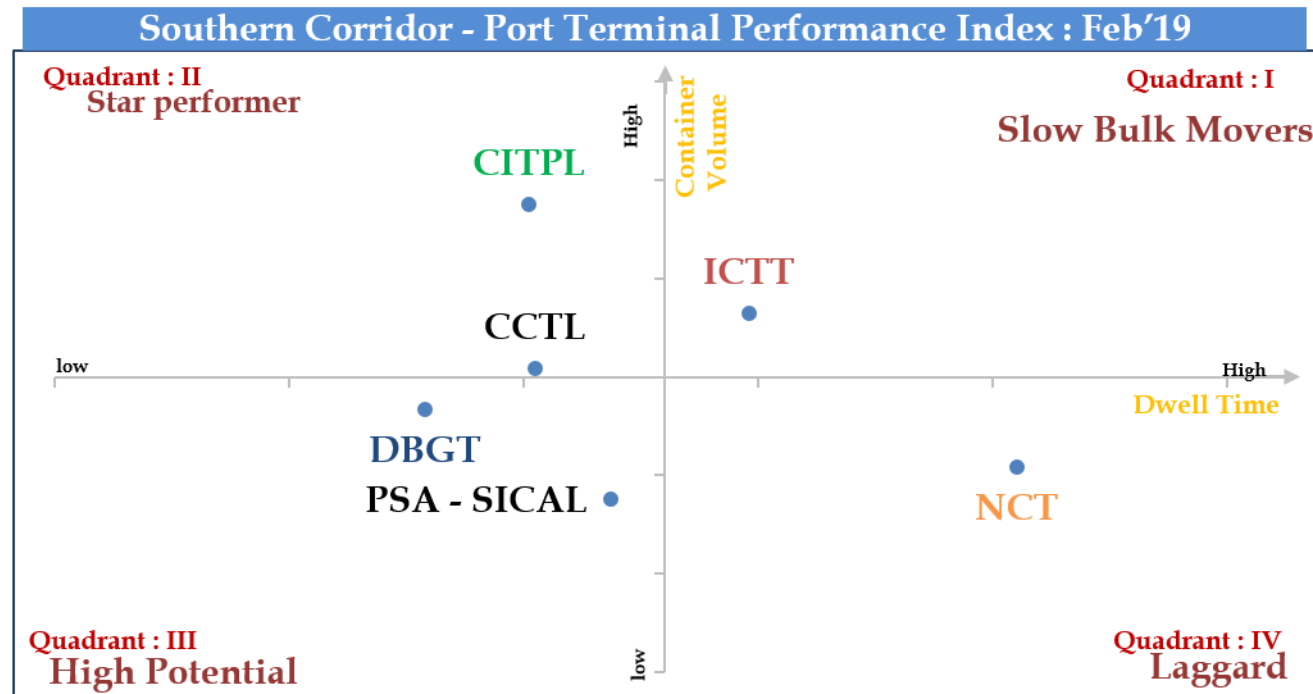
Laggard : consist of entities which have catered relatively lower container volume at higher dwell time

Pan India: Port Terminal Performance Index : Feb'19









Regional - Port Performance Benchmarking & Performance Index

Performance Benchmarking - Port Terminals




Southern Corridor

- Export Cycle Port Dwell Time Performance at Chennai & Kochi Terminals decreased by 16% & 5% respectively
- Export Cycle Port Dwell Time Performance at Tuticorin (DBGT) Terminals improved by 11%

Export	Tuticorin (DBGT)	Kochi	Chennai
Feb 2019	43.7 hrs  11%	65.7 hrs  5%	66.2 hrs  16%
Jan 2019	49.3 hrs 	62.7 hrs 	56.9 hrs 

- Import Cycle Port Dwell Time performance at Kochi & Tuticorin (PSA-SICAL) Terminals has decreased by 13% & 6% respectively

Import	Kochi	Tuticorin (PSA - SICAL)
Feb 2019	84.0 hrs  13%	47.0 hrs  6%
Jan 2019	74.5 hrs 	44.3 hrs 



Eastern Corridor

- Export Cycle Port Dwell Time performance at Kolkata & Vishakhapatnam Terminals has decreased by 11% and 19% respectively

Export	Kolkata	Vishakhapatnam
Feb 2019	128.7 hrs 	69.6 hrs 
Jan 2019	115.5 hrs 	58.3 hrs 

Western Corridor (JNPT & Gujarat)

- Export Cycle Port Dwell Time Performance at Western Corridor Terminals improved by 8%
- ICD and CFS Dwell time Performance has improved by 4% and 8% respectively

Dwell Time	Export	ICD	CFS
Feb 2019	75.3 hrs 	135.7 hrs 	78.8 hrs
Jan 2019	81.4 hrs	141.6 hrs	85.6 hrs

Gujarat Port Terminals (Adani Ports Special Economic Zone)

- Export Dwell time Performance at Gujarat Port Terminals has improved by 10%
- Import Dwell time Performance at Gujarat Port Terminals is decreased by 3%

Gujarat	Export	Import
Feb 2019	91.3 hrs 	25.5 hrs
Jan 2019	101.7 hrs	24.7 hrs 

Jawaharlal Nehru Port Terminals

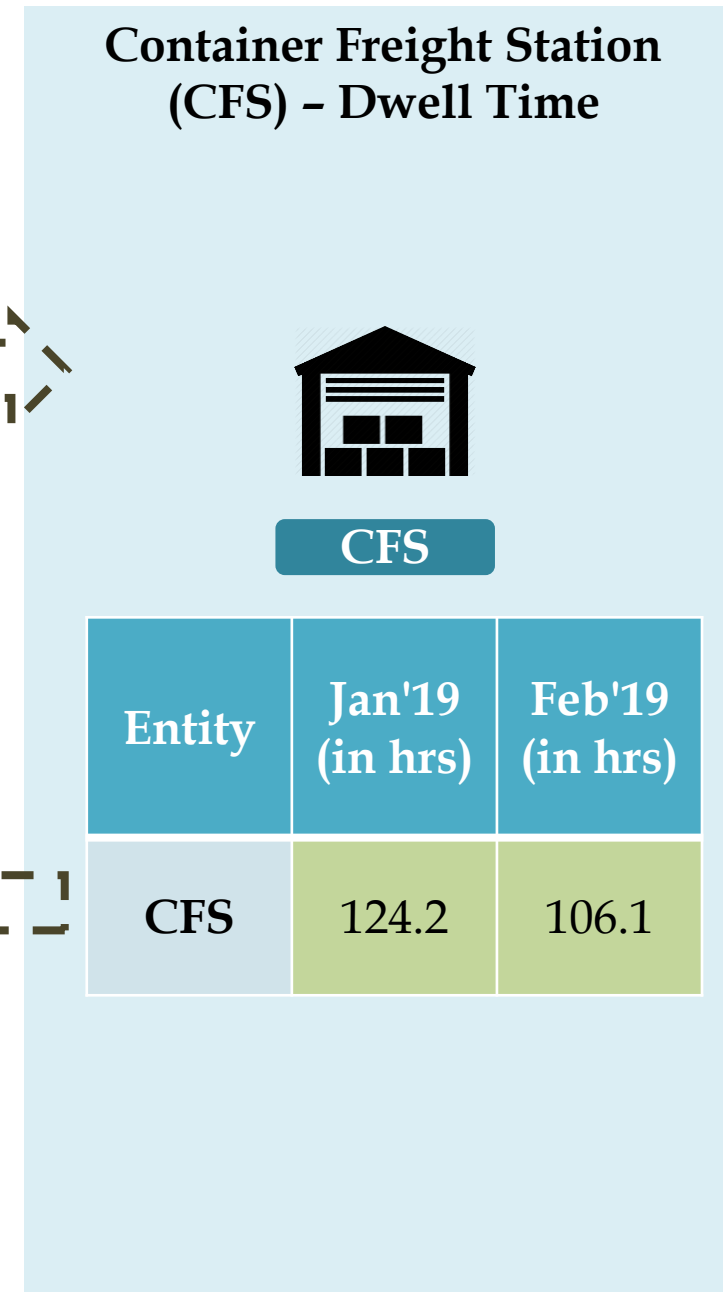
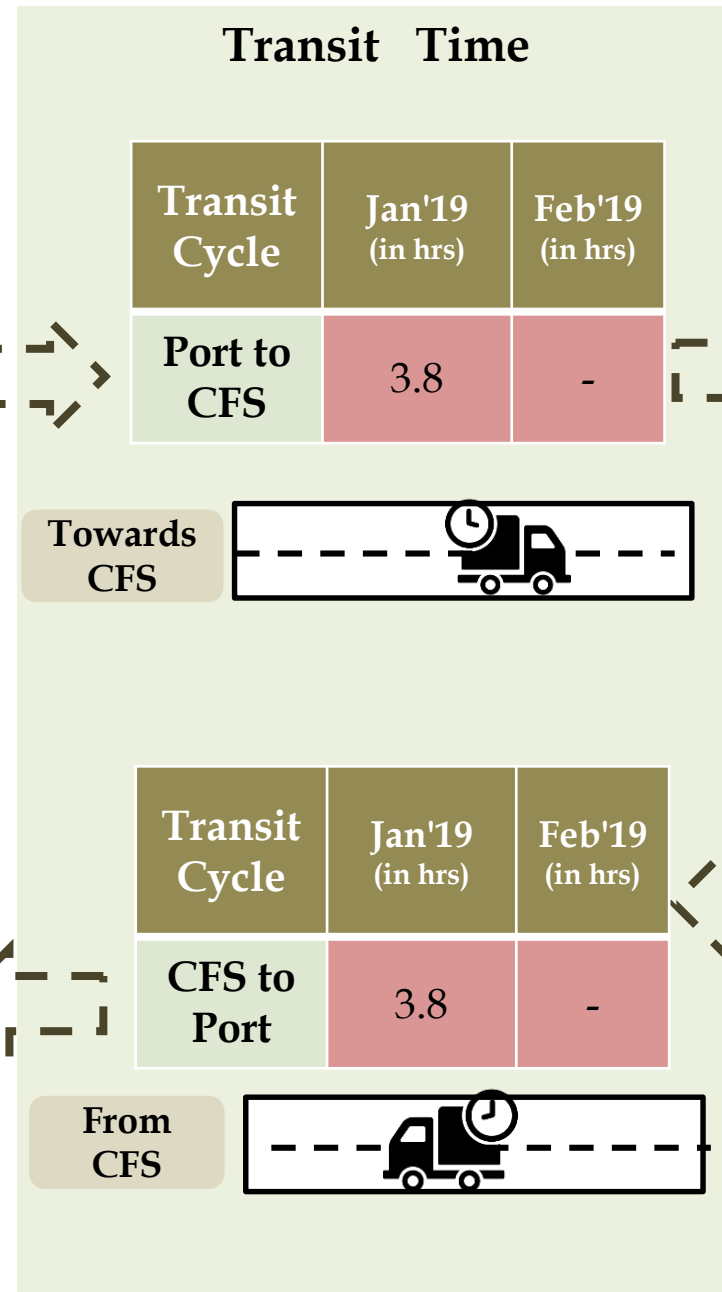
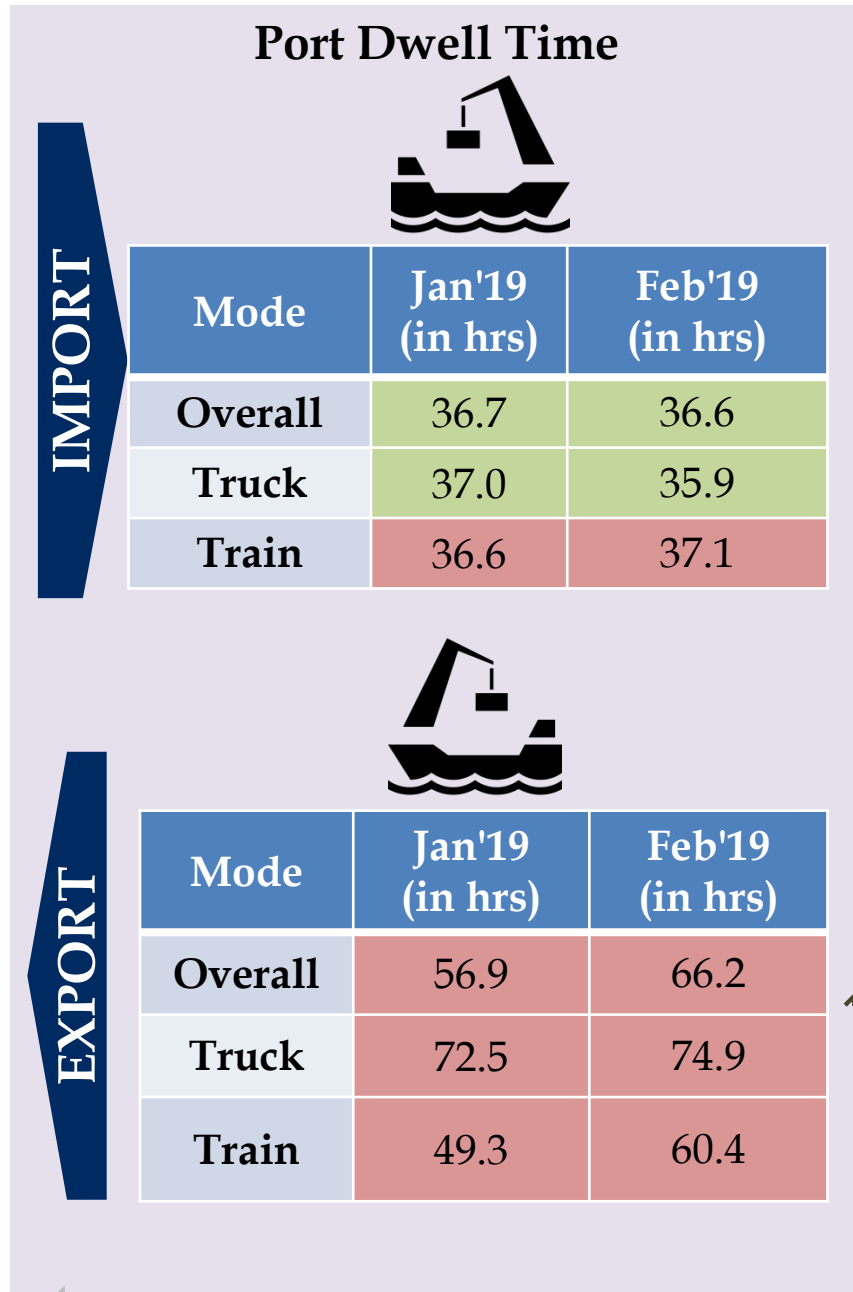
- Rail Bound Container handling performance in Import cycle at JNPT Port has improved by 20%, as majority of containers(61%) were handled within 2 days
- However Port to ICD (import cycle) transit performance has decreased by 3%

JNPT	Rail Container Handled within 2days	Port to ICD
Feb 2019	61%	69.5 hrs
Jan 2019	50%	67.7 hrs

Southern Corridor

Chennai Port Terminals: Container Transportation

Container Lifecycle (Import Cycle)



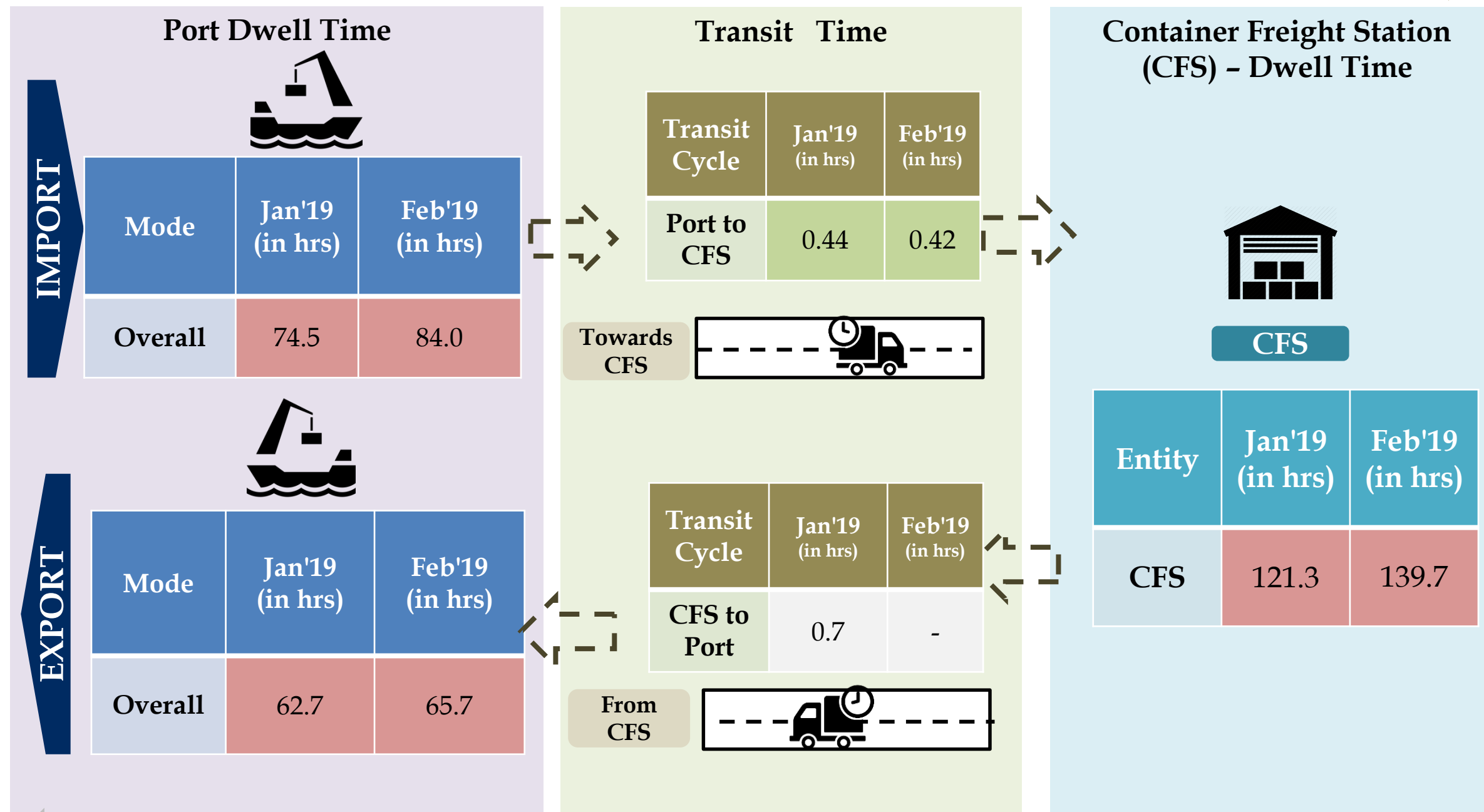
The marked entries showcase the increase in performance as compared to previous month

The marked entries showcase the decrease in performance as compared to previous month

Container Lifecycle (Export Cycle)

Kochi Port Terminal: Container Transportation

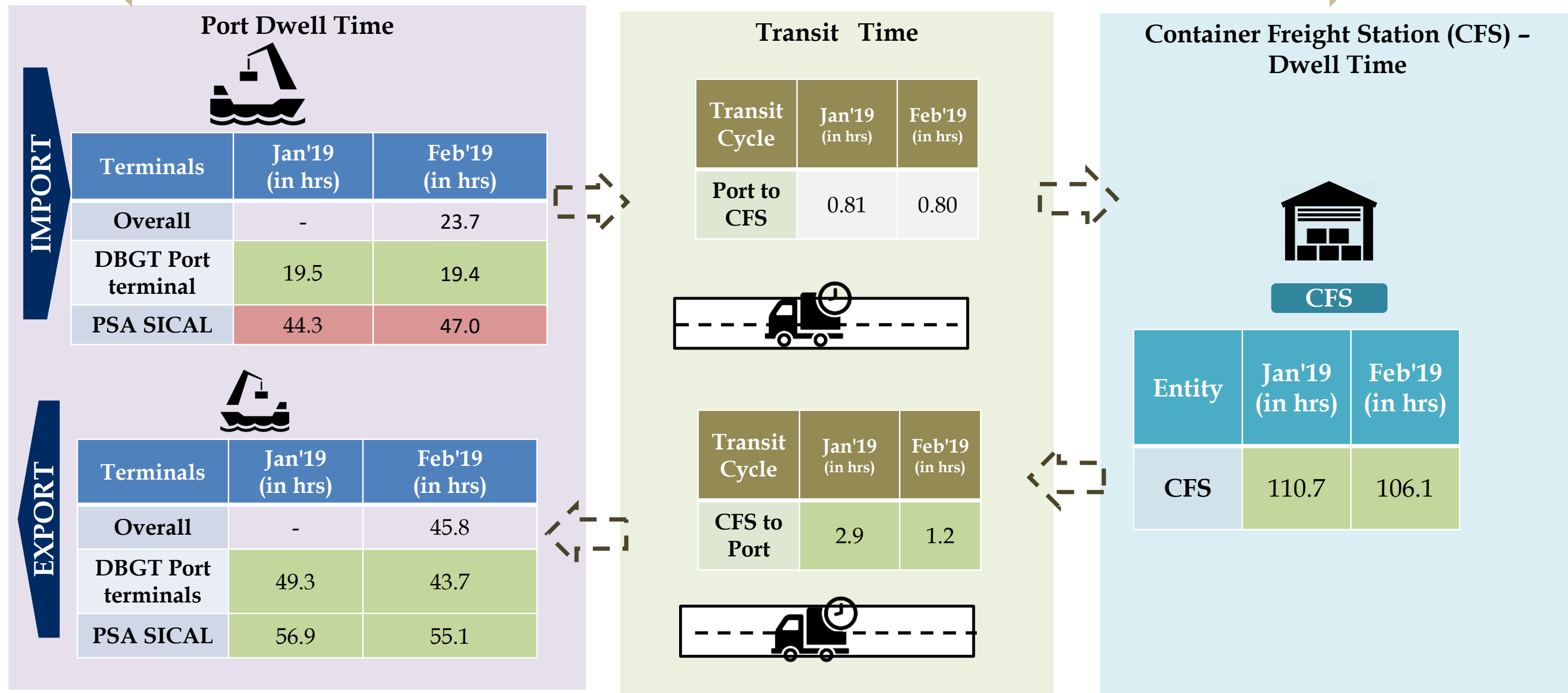
Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)

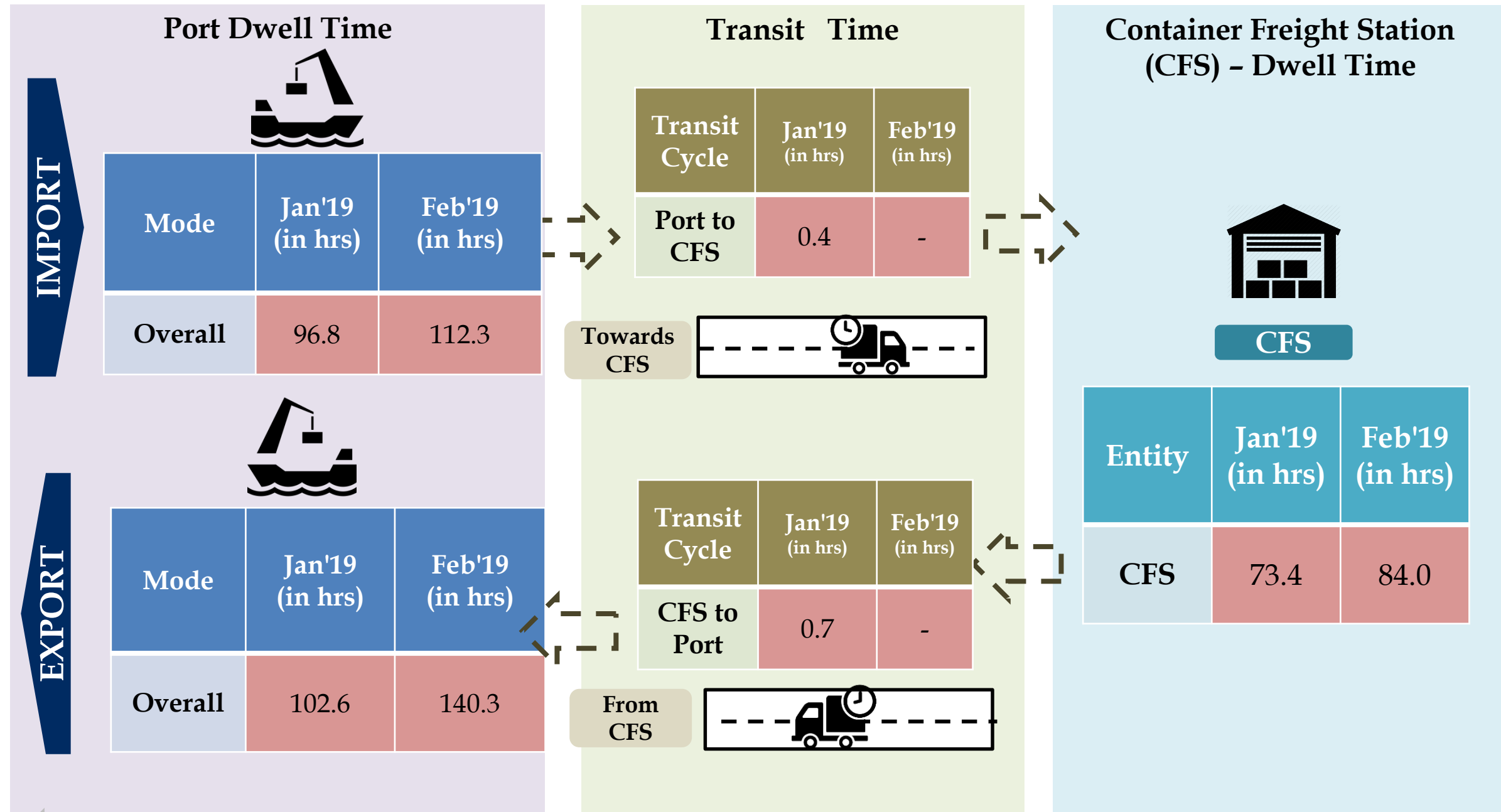
Tuticorin Port Terminal: Port Dwell Time Performance

Container Lifecycle



Krishnapatnam Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)

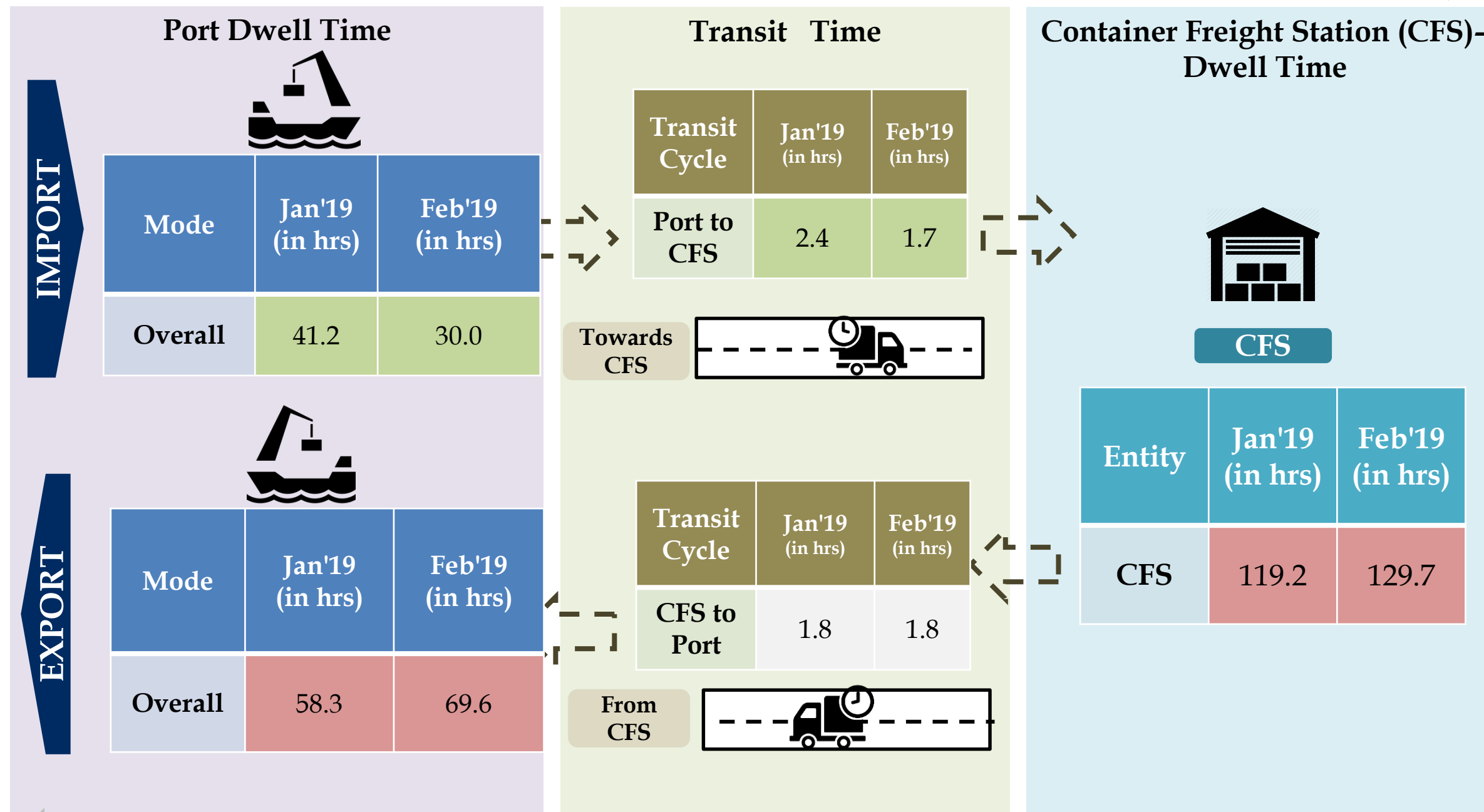


Container Lifecycle (Export Cycle)

Eastern Corridor

Vishakhapatnam Port Terminal: Container Transportation

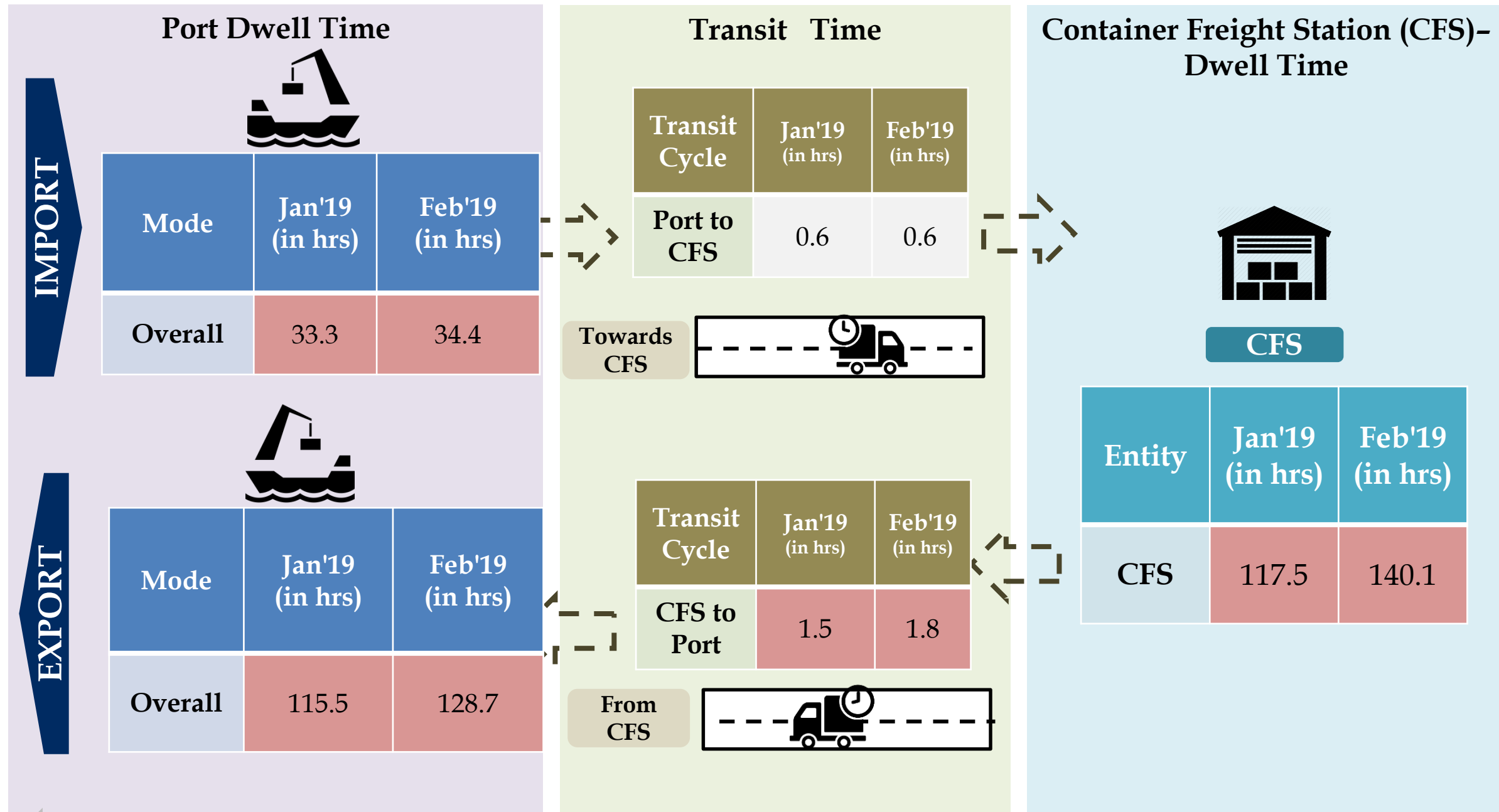
Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)

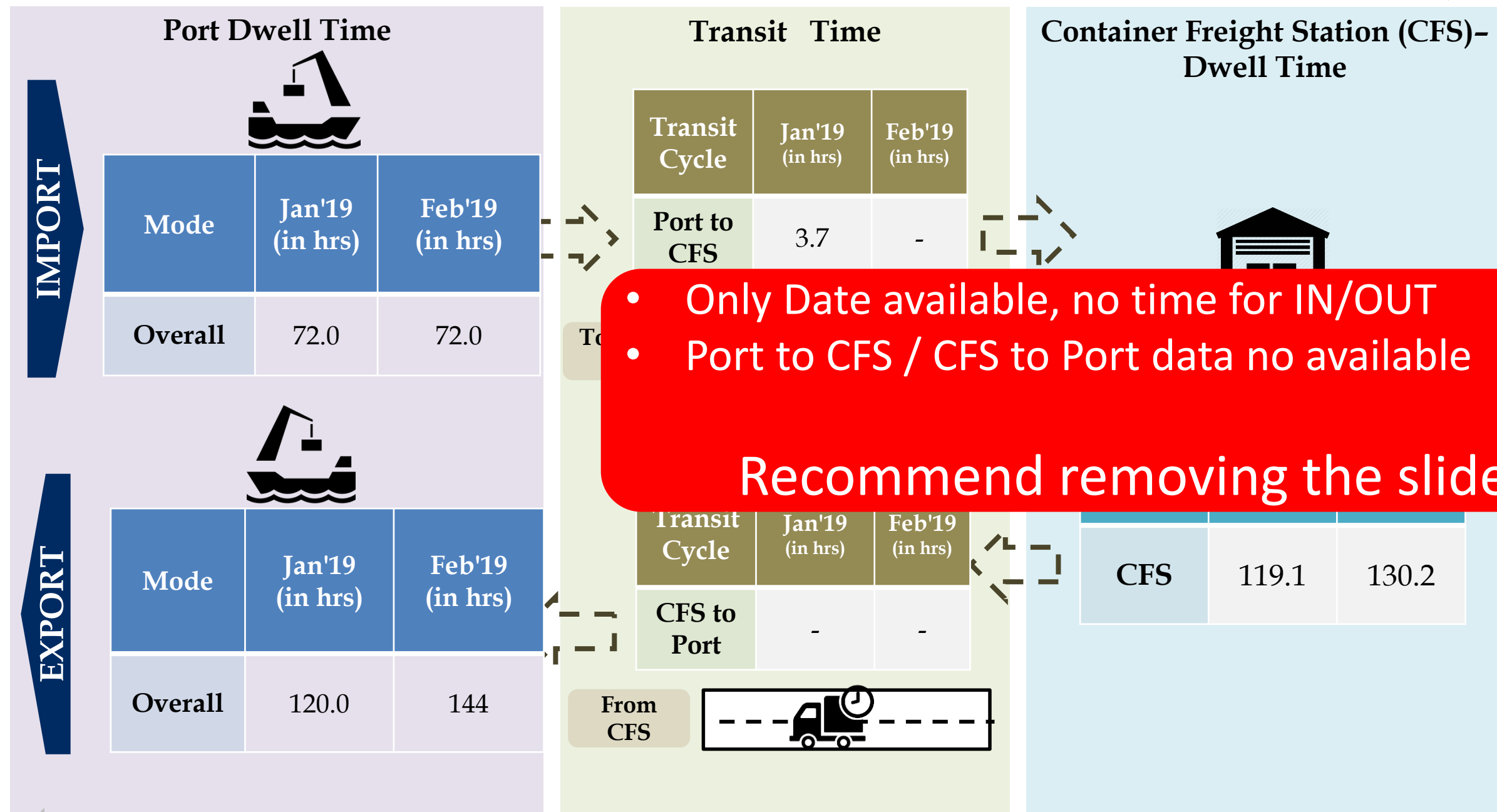
Kolkata Port Terminal: Container Transportation

Container Lifecycle (Import Cycle)



Container Lifecycle (Export Cycle)

Container Lifecycle (Import Cycle)



- Only Date available, no time for IN/OUT
- Port to CFS / CFS to Port data no available

Recommend removing the slide

Container Lifecycle (Export Cycle)

Western Corridor

Western Corridor Performance (JNPT + Gujarat): Container Transportation

IMPORT

Port Dwell Time

Mode	Jan'19 (in hrs)	Feb'19 (in hrs)
Overall	23.3	23.0
Truck	21.1	20.8
Train	57.1	65.0

EXPORT

Mode	Jan'19 (in hrs)	Feb'19 (in hrs)
Overall	81.4	75.3
Truck	79.3	74.5
Train	95.3	82.9

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





Inland
Container
Depot (ICD)



Container
Freight
Stations

Entity	Jan'19 (in hrs)	Feb'19 (in hrs)
CFS	85.6	78.8
ICD	141.6	135.7

 The marked entries showcase increase in the performance in comparison to Jan'19

 The marked entries showcase decrease in the performance in comparison to Jan'19

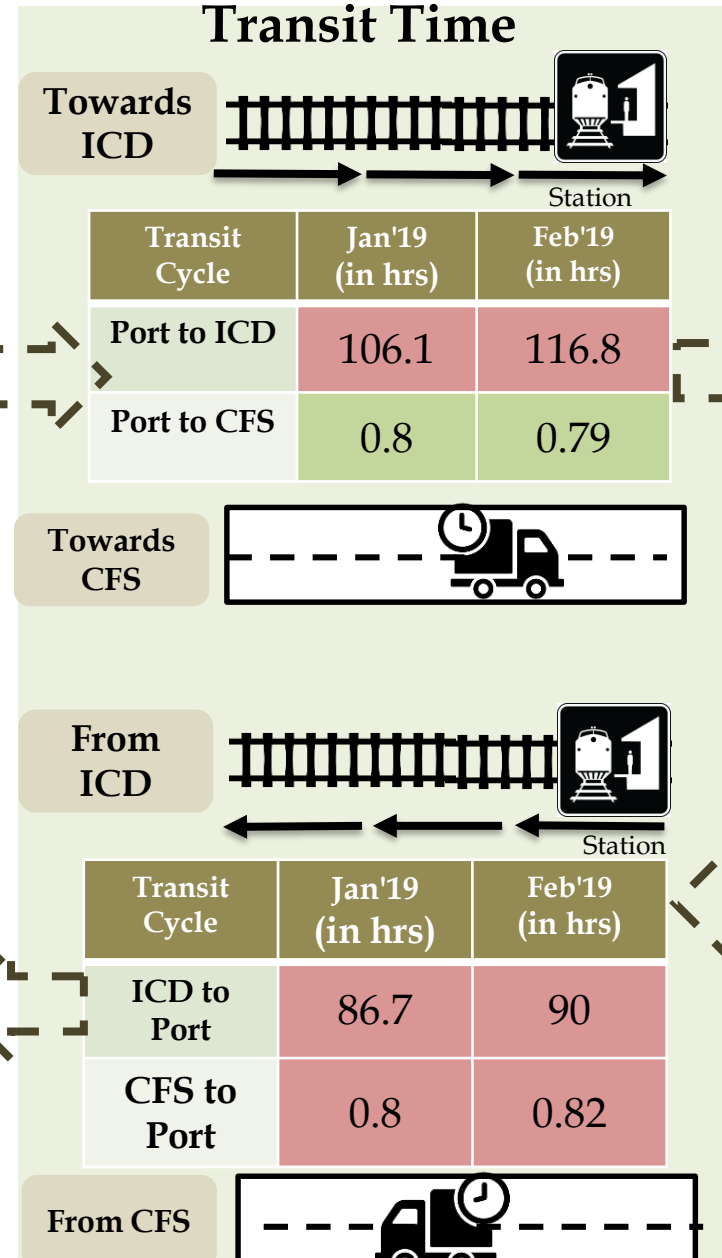
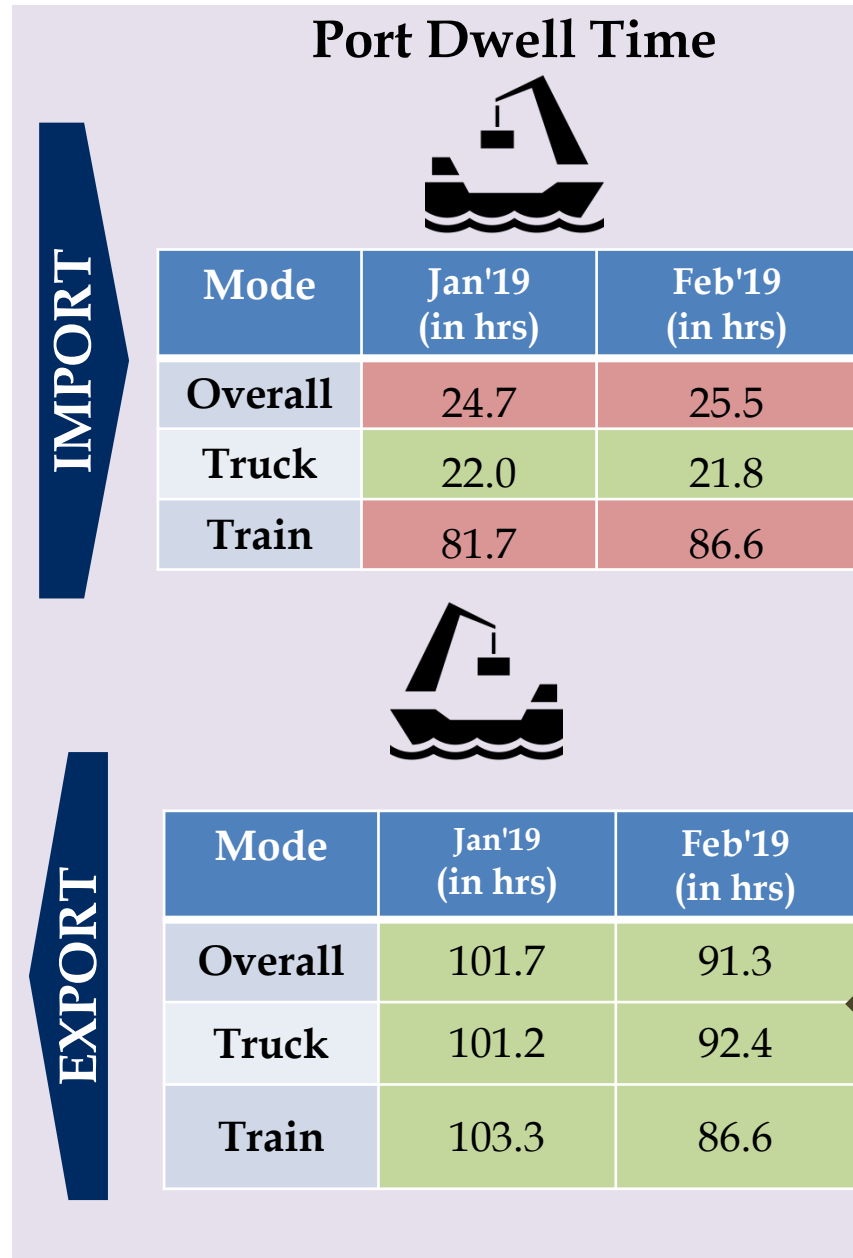
IMPORT CYCLE DWELL TIME (Jan'19- in hrs)			Compared to Jan'19
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	22.0	3% ↑
	Port Dwell Time for Truck Bound Containers	20.4	1% ↑
	Port Dwell time for Train Bound Containers	38.2	20% ↑
	Port Dwell time Direct Port Delivery (DPD) containers	38.3	9% ↓
	Port Dwell time Containers bound for CFS	18.3	3% ↑
	Port Dwell for Empty Containers	30.1	1% ↑
TRANSIT TIME	Port Dwell for Laden Containers	20.8	3% ↑
	Port to ICD	69.5	3% ↓
	Port to CFS	2.9	4% ↓



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

EXPORT CYCLE DWELL TIME (Jan'19- in hrs)			Compared to Jan'19
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	67.6	3% ↑
	Port Dwell Time for Truck Bound Containers	67.0	3% ↑
	Port Dwell time for Train Bound Containers	75.8	8% ↑
	Port Dwell time Direct Port Entry (DPE) containers	63.0	4% ↓
	Port Dwell time Containers bound from CFS	62.3	8% ↑
	Port Dwell for Empty Containers	72.4	9% ↑
	Port Dwell for Laden Containers	65.0	No change
TRANSIT TIME	ICD to Port	68.1	13% ↓
	CFS to Port	5.9	2% ↓

Container Lifecycle (Import Cycle)



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



Entity	Jan'19 (in hrs)	Feb'19 (in hrs)
CFS	93.5	83.0
ICD	141.6	135.7

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

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

Container Lifecycle (Export Cycle)

IMPORT CYCLE DWELL TIME (Feb'19- in hrs)			Compared to Jan'19
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	25.5	3% ↓
	Port Dwell Time for Truck Bound Containers	86.6	1% ↑
	Port Dwell time for Train Bound Containers	21.8	6% ↓
TRANSIT TIME	Port to ICD	116.8	10% ↓
	Port to CFS	0.79	1% ↑

EXPORT CYCLE DWELL TIME (Feb'19- in hrs)			Compared to Jan'19
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	91.3	10% ↑
	Port Dwell Time for Truck Bound Containers	92.4	9% ↑
	Port Dwell time for Train Bound Containers	86.6	16% ↑
TRANSIT TIME	ICD to Port	90	4% ↓
	CFS to Port	0.82	2% ↓

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




Performance Benchmarking - Port Terminals



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


Top Performing Terminal

Gateway Terminals India (GTI)

Jan'19	Feb'19
37.6	40.0 

Low Performing Terminal

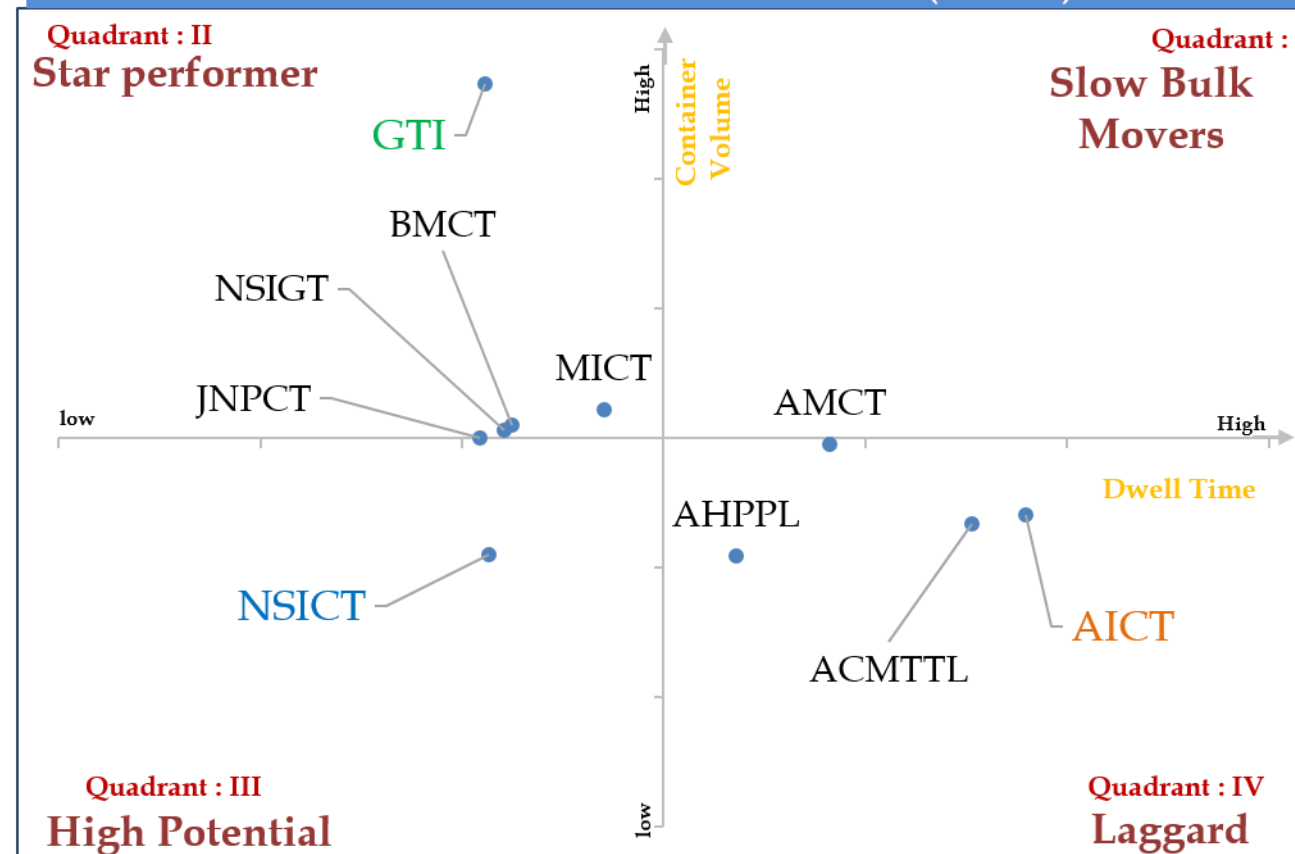
Adani International Container Terminal (AICT)

Jan'19	Feb'19
81.0	70.7 

Note: The performance benchmarking is based on performance index

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

Performance Index: Port Terminal (Feb'19)



Performance Benchmarking – Inland Container Depot (ICD)



Performance benchmarking for ICD(s) covered under LDB project for Feb'19

Top Performing ICD

Albatross Inland Ports ICD, Dadri

Jan'19	Feb'19
124.3	109.2



Low Performing ICD

APM Terminals ICD, Dadri

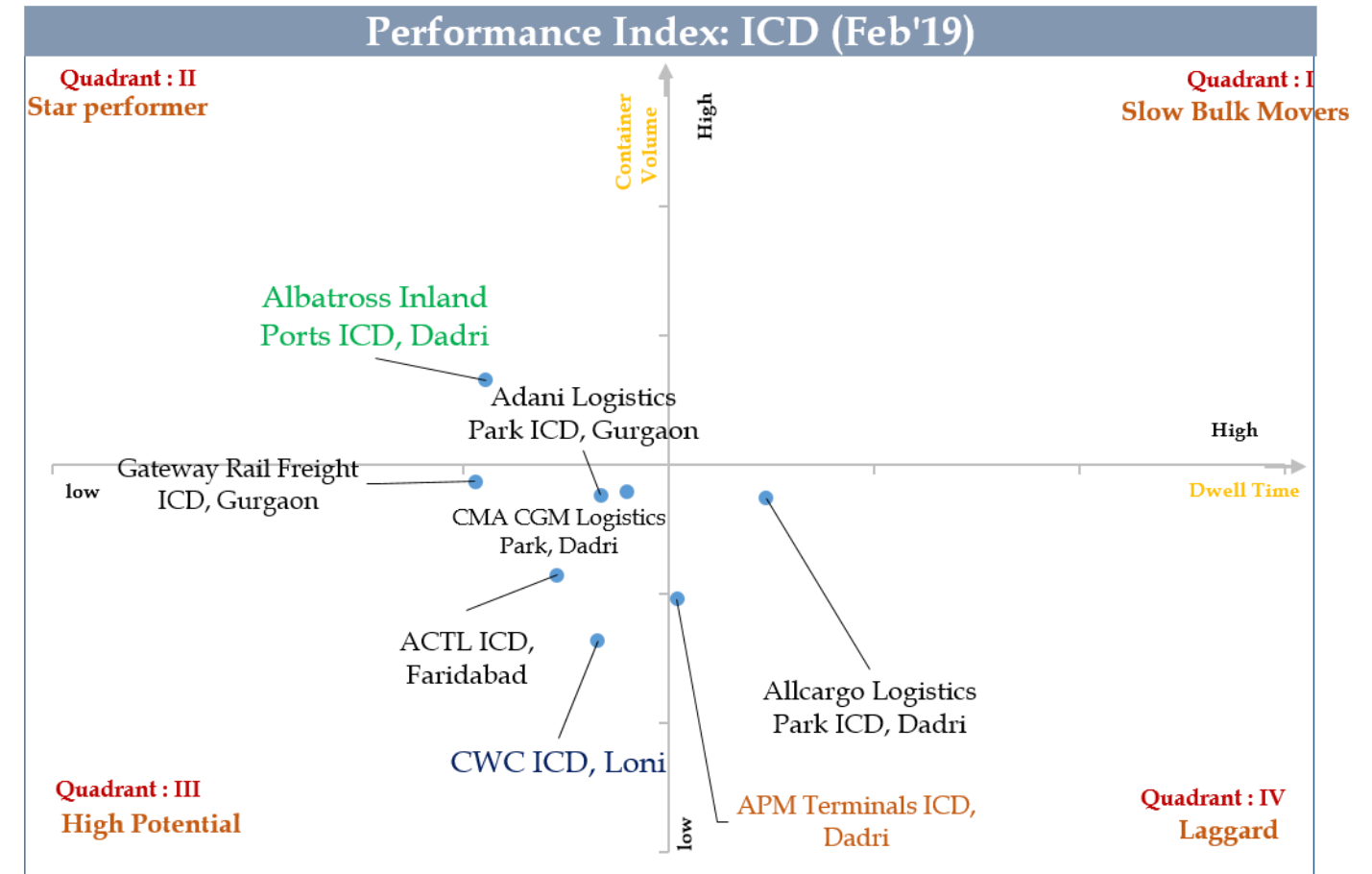
Jan'19	Feb'19
145.4	134.1



Note: The performance benchmarking is based on performance index

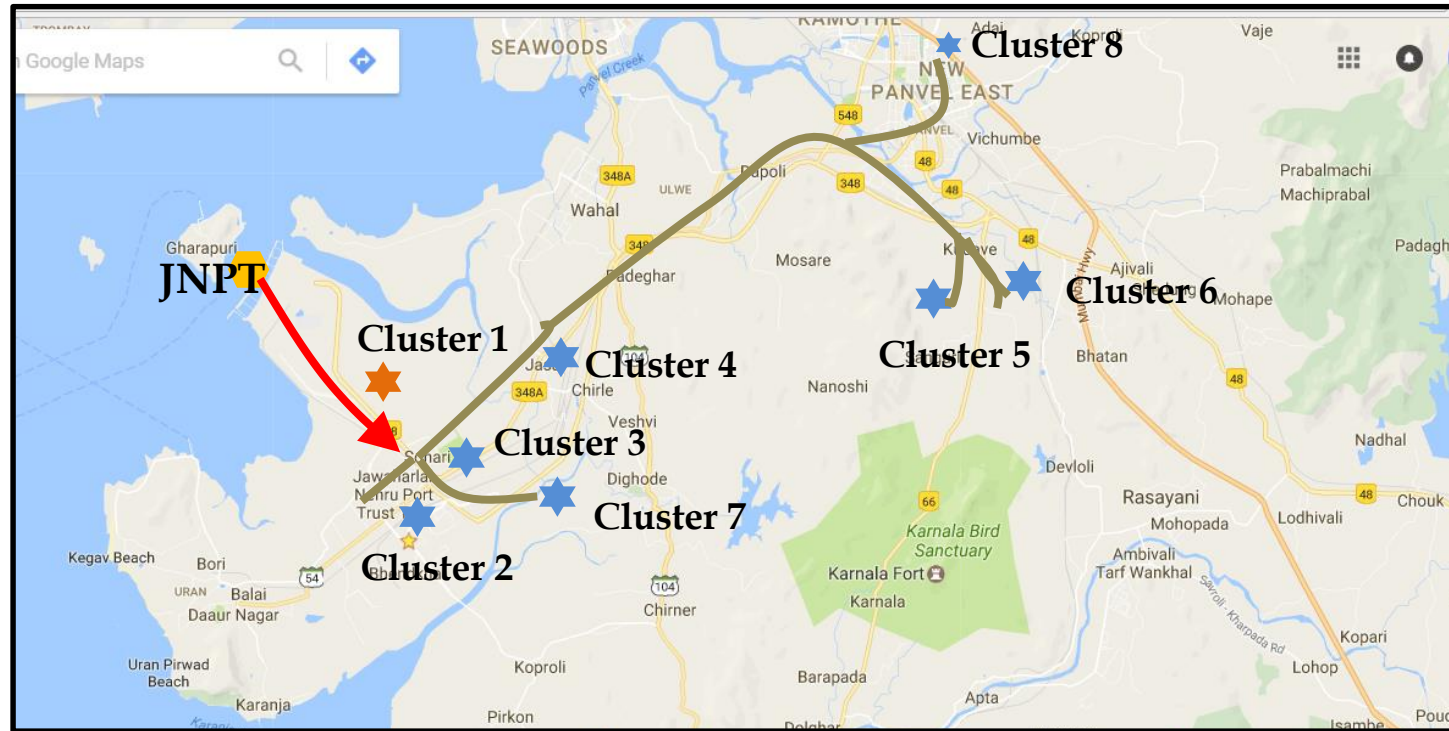


The arrows depict increase/decrease in overall performance of the stakeholders as compared to Jan'19



Congestion Analysis

JNPT - Import - Feb'19



Legends	
—	High Congestion
—	Medium Congestion
—	Low Congestion
★	Cluster with bottleneck
★	Cluster without bottleneck

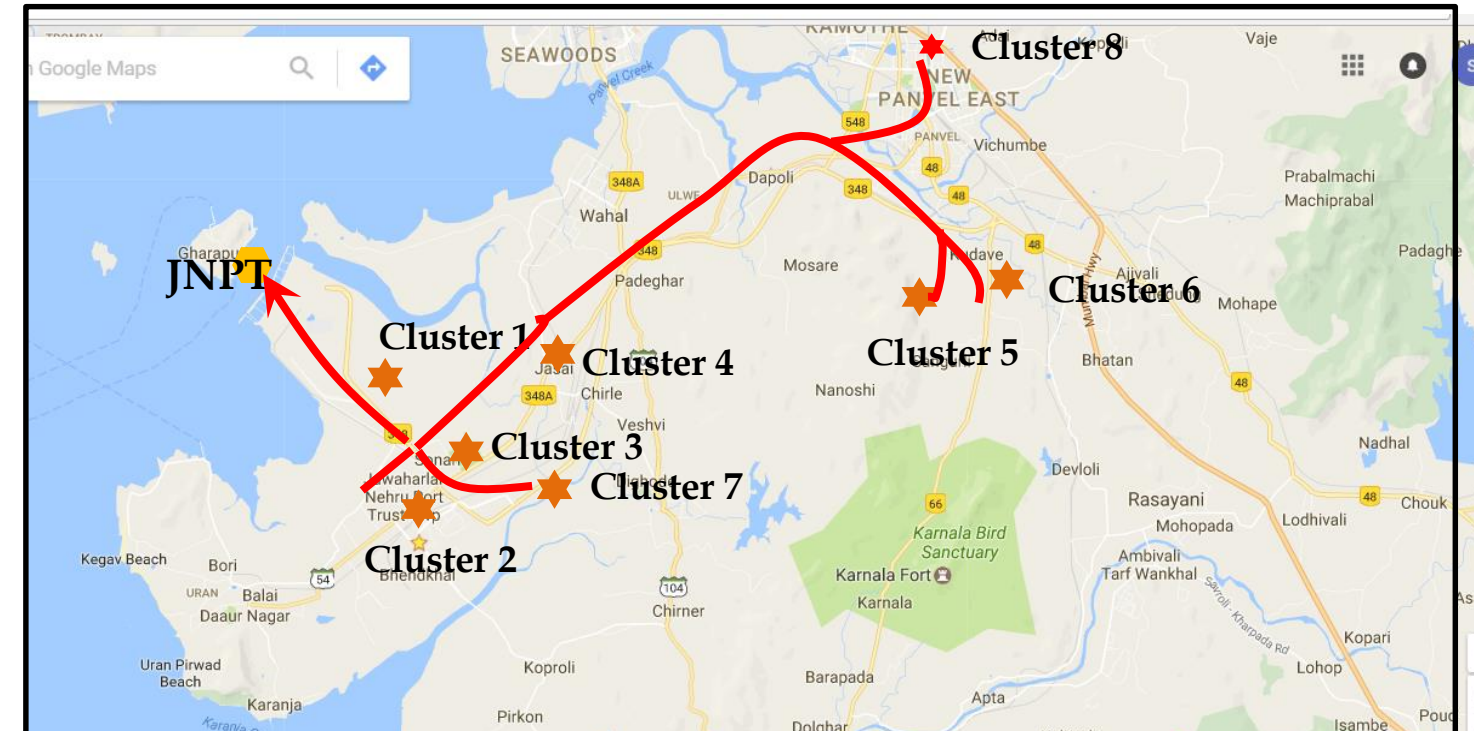
Clusters with bottleneck

Cluster 1	JNPT Area
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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

JNPT - Export - Feb'19



Clusters with bottleneck

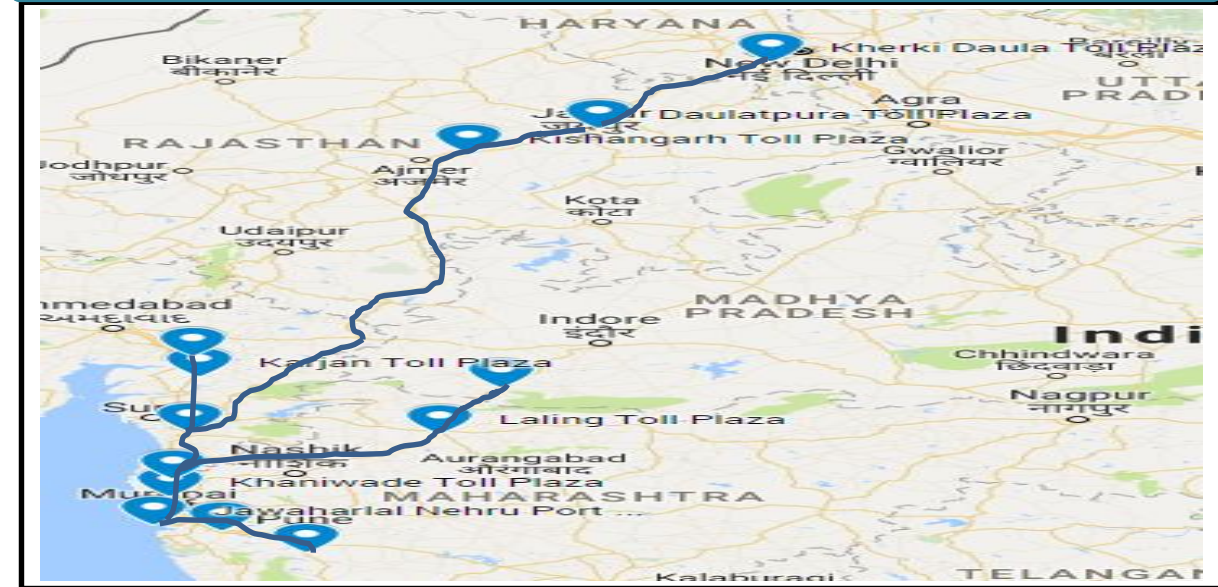
CLUSTER 1	JNPT Area
CLUSTER 2	Bhendkhal area, Khopate road
CLUSTER 3	Sonari area, JNPT road
CLUSTER 4	Chirle area , JNPT road
CLUSTER 5	Plaspa area, Coachi kanyakumari Highway
CLUSTER 6	Salva apta rd area, Bangalore highway
CLUSTER 7	Patilpada area, Khopate JNPT road
CLUSTER 8	Taloja, Navi Mumbai

Western Corridor: Toll Plaza Analysis

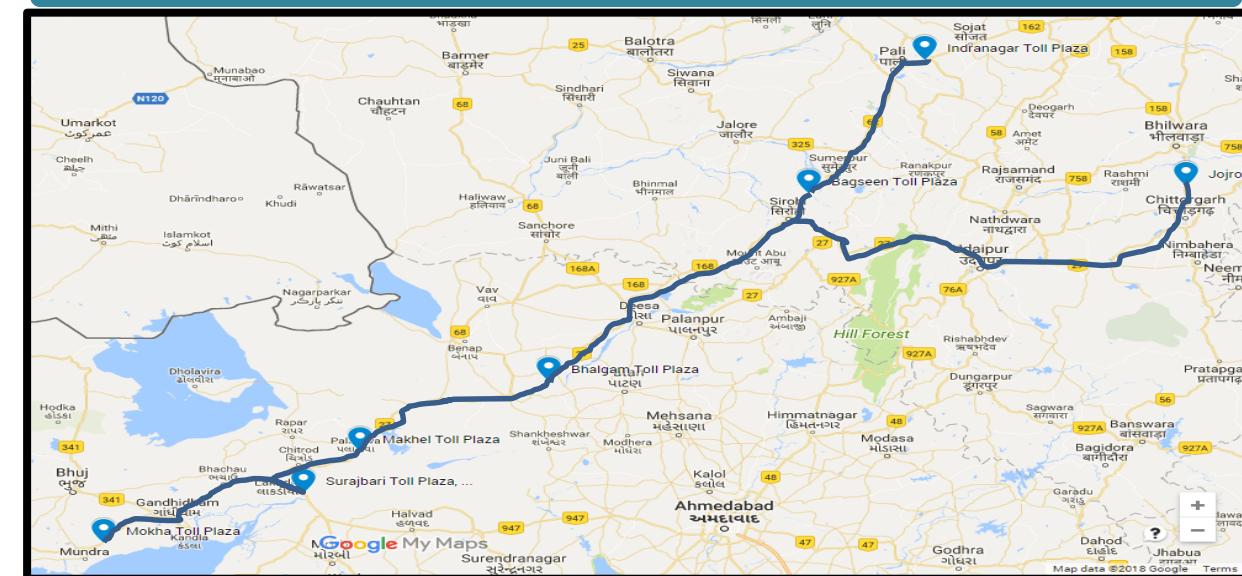
Avg. Travel Time & Speed between Toll Plazas (Feb'19)

	Source	Destination Toll Plaza	Inter Distance (Km)	Jan'19 Avg. Speed (Km/Hr.)	Feb'19 Avg. Speed (Km/Hr.)
JNPT	JNPT	Khaniwade	94	13.1	12.9
	JNPT	Khalapur	60	17.6	15.8
	Khaniwade	Charoti	50	39.3	38.7
	Charoti	Boriach	126	28.4	30.2
	Boriach	Bharthan	142	32.7	33.2
	Bharthan	Vasad	60	39.4	37.6
	Khalapur	Khedshivpur	105	29.4	29.1
	Daulatpura	Kherki	199	25.5	23.3
APSEZ	MICT	Mokha	28	22.3	22.5
	Mokha	Makhel	150	25.2	26.4
	Mokha	Surajbari	115	27.5	27.7
	Makhel	Bhalgam	108	39.1	39.9
	Bhalgam	Uthamam	209	30.6	31.5
	Uthamam	Indranagar	109	36.7	37.3

Toll Plaza - JNPT Port



Toll Plaza - APSEZ Port



List of CFS name used in CFS Performance Index

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

List of CFS name used in CFS Performance Index

1	Allcargo Global Logistics CFS, Chennai	22	Cochin Port Trust CFS
2	Apm Terminals India CFS, Tiruvallur	23	GDKL CFS
3	Apollo World Connect CFS, Chennai	24	KSIE CFS
4	A S Shipping Agencies CFS, Tiruvallur	25	MIV CFS
5	Balmer Lawrie CFS, Chennai	26	Gateway Distripark CFS, Krishnapatnam
6	Calyx Container Terminal CFS, Chennai	27	Seabird CFS, Krishnapatnam
7	Chandra CFS, Tiruvallur	28	ALS Tuticorin Terminal Private Limited
8	CWC Madhavaram CFS, Chennai	29	A.S.Shipping Agencies Pvt Ltd
9	Ennore Cargo Container Terminal CFS, Chennai	30	Chola Logistics Pvt Ltd
10	Gateway Distriparks CFS, Chennai	31	Continental Warehousing Corporation Nhava Sheva Ltd.
11	Hind Terminals CFS, Chennai	32	Diamond CFS Park
12	Kailash Shipping Services CFS, Chennai	33	Hari CFS
13	Kerry Indev Logistics ICD, Kanchipuram	34	Kerry Indev Logistics Private Limited / Continental Container Freight Station
14	Sanco Trans CFS, Chennai	35	KSPS Natarajan CFS Park
15	Sattva Cfs And Logistics CFS, Chennai	36	Prompt Terminals (P) Ltd
16	Sattva Hi-Tech And Conware CFS, Chennai	37	Raja Agencies CFS
17	STP Services CFS, Chennai	38	Sical Multimodal and Rail Transport Ltd. - CFS Division
18	Sudharsan Logistics CFS, Chennai	39	St. John Freight Systems Ltd. - ICD Division
19	Sun Global Logistics CFS, Kanchipuram	40	Transworld Terminals Private Limited
20	Thiru Rani Logistics CFS, Tiruvallur	41	Vilsons CFS
21	Viking Warehousing CFS, Chennai		

List of CFS name used in CFS Performance Index

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



THANK YOU