Logistics Databank Analytics Report- March 2019





PAN INDIA Performance Snapshot (Dwell Time)



Gujarat Region

Import Export 29.1 hrs 110.3 hrs

Mumbai Region

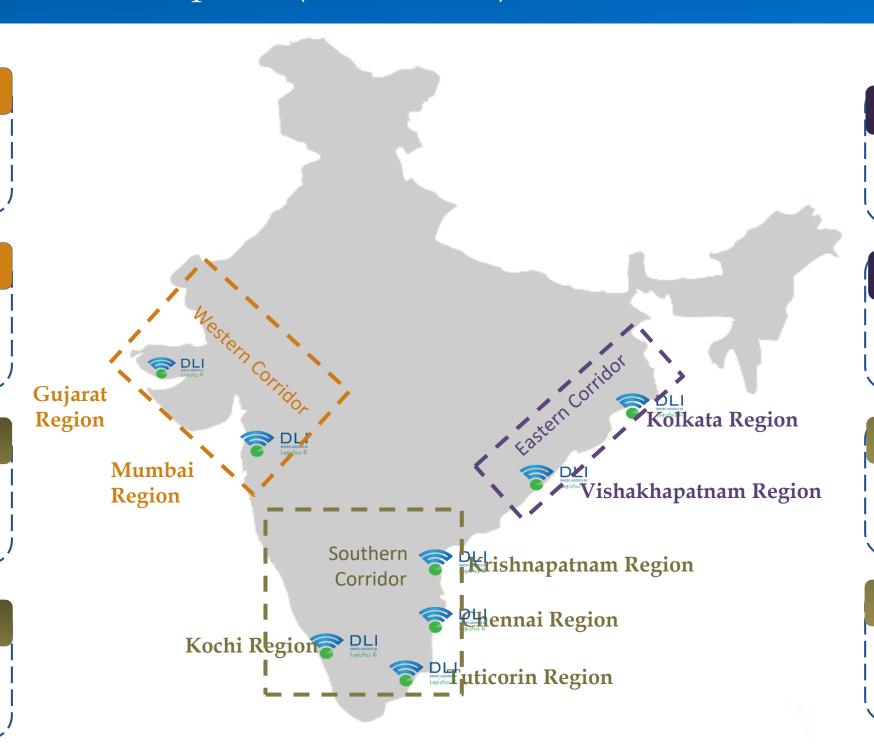
Import Export 27.3 hrs 68.1 hrs

Kochi Region

Import Export 61.8 hrs 57.0 hrs

Tuticorin Region

Import Export 20.5 hrs 53.5 hrs



Kolkata Region

Import Export 40.0 hrs 147.5 hrs

Vishakhapatnam Region

Import Export 31.7 hrs 70.4 hrs

Krishnapatnam Region

Import Export 118.2 hrs 169.7 hrs

Chennai Region

Import Export 31.7 hrs 65.0 hrs

Executive Summary (1/2)



Southern Corridor

• Port Dwell Time performance for both Import and Export Cycle at Kochi Terminal has improved by 26% 13% respectively

Month	Import	Export
Mar'19	61.8 hrs	57.0 hrs
Feb'19	84.0 hrs	65.7 hrs

- Port Dwell Time performance in Export Cycle at Krishnapatnam Terminal has decreased by 21%
- Port Dwell Time Performance in Export Cycle at Tuticorin Terminal has decreased by 17%

Export	Krishnapatnam	Tuticorin
Mar'19	169.7 hrs	53.5 hrs
Feb'19	140.3 hrs	45.8 hrs

Eastern Corridor

• Port Dwell Time performance in both import and export cycle at Kolkata Terminal has decreased by 16% and 15%

Kolkata	Import	Export
Mar'19	40.0 hrs	147.5 hrs
Feb'19	34.4 hrs	128.7 hrs

Executive Summary (2/2)



Western Corridor (JNPT & Gujarat)

- Port Dwell Time Performance at Western Corridor Terminals in import and export cycle has decreased by 22% and 12% respectively
- CFS Dwell time Performance has decreased by 3%

Month	Import	Export	CFS
Mar'19	28.0 hrs	84.7 hrs	81.2 hrs
Feb'19	23.0 hrs 22%	75.3 hrs 12%	78.8 hrs 3%

Gujarat Port Terminals (Adani Ports Special Economic Zone)

- Import and Export Dwell time Performance at Gujarat Port Terminals has decreased by 14% and 21% respectively
- Export cycle Rail and Truck bound container handling performance has decreased by 29% and 19% respectively

Month	Export	Rail	Truck
Mar'19	110.3 hrs	112.1 hrs	109.9 hrs
Feb'19	91.3 hrs 21%	86.6 hrs 29%	92.4 hrs 19%

Jawaharlal Nehru Port Terminals

- Port Dwell time performance in Import cycle has decreased by 24%.
- Truck bound container handling performance in import has decreased by 26%

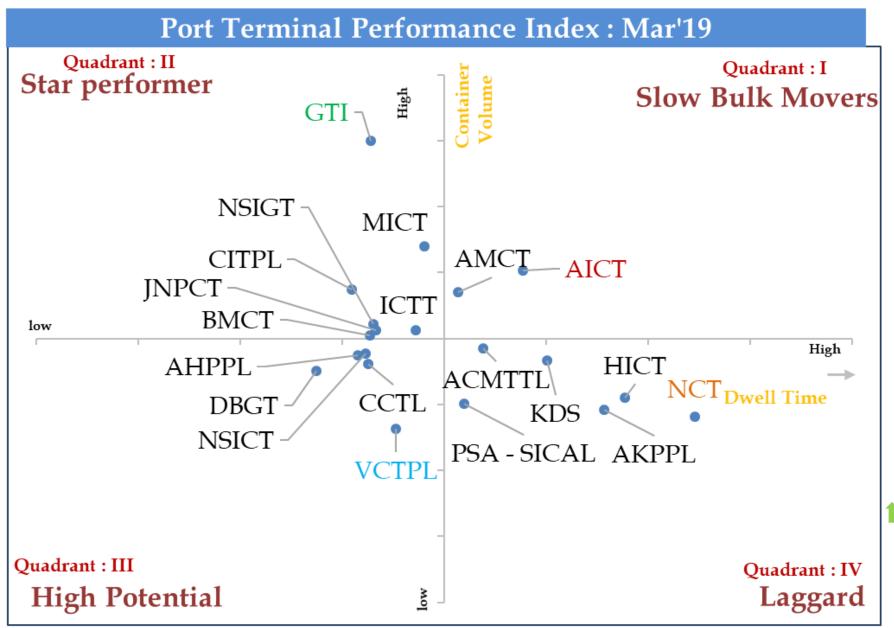
Month	Import	Truck
Mar'19	27.3 hrs	25.8 hrs
Feb'19	22.0 hrs	20.4 hrs

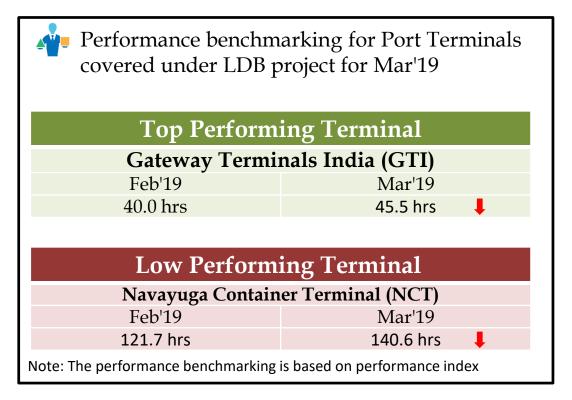
Pan India - Port Performance Benchmarking & Performance Index





Performance Benchmarking - Port Terminals





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

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Container Transportation Performance - Western Corridor



Port Dwell Time

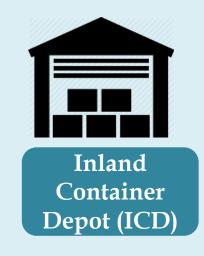
MPORT

Mode Feb'19 (in hrs) Mar'19 (in hrs) Overall 23.0 28.0 Truck 20.8 25.8 Train 65.0 40.4

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Mode	Feb'19 (in hrs)	Mar'19 (in hrs)
Overall	75.3	84.7
Truck	74.5	82.7
Train	82.9	97.8

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





Entity	Feb'19 (in hrs)	Mar'19 (in hrs)
CFS	78.8	81.2
ICD	135.7	134.3

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

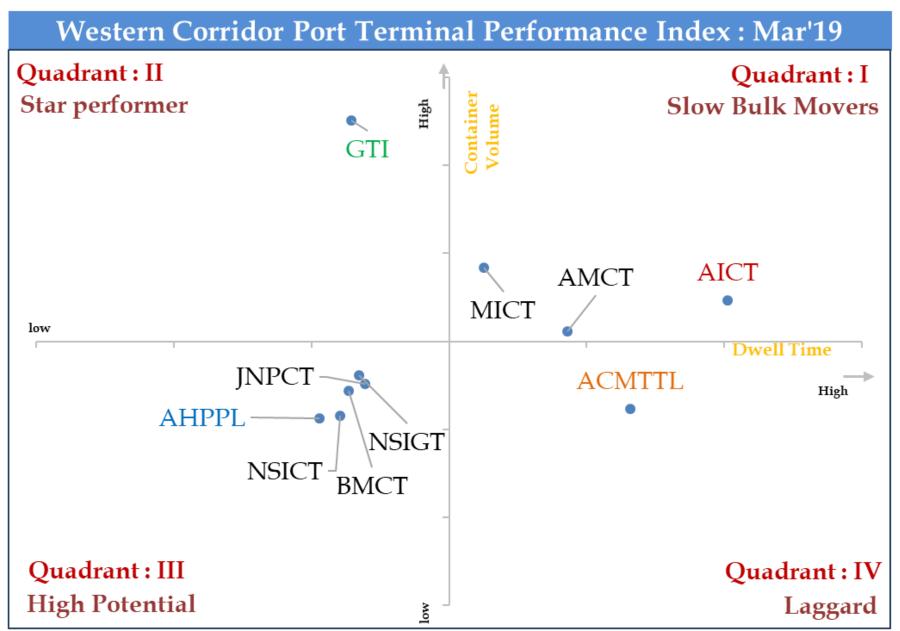
The marked entries showcase decrease in performance in comparison to Feb'19

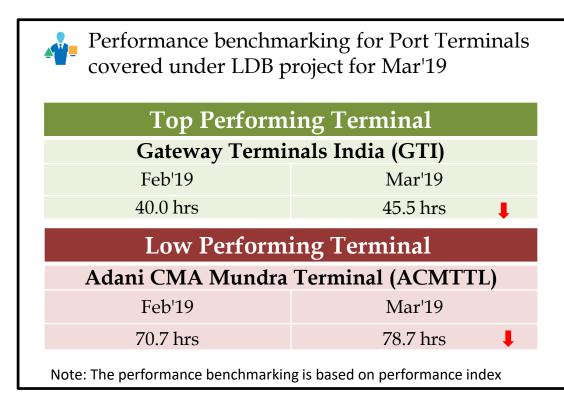
Port Performance Benchmarking & Performance Index - Western Corridor





Performance Benchmarking - Port Terminals







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CFS/ICD Performance Benchmarking & Performance Index - Western Corridor

90.8 hrs







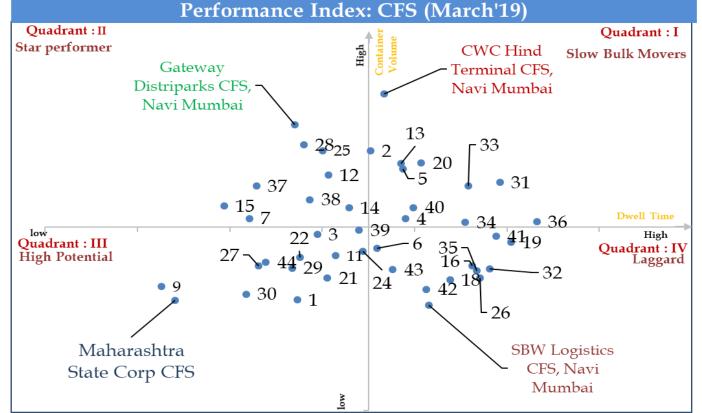
Performance Benchmarking



Top Performing CFS		
Gateway Distriparks CFS, Navi Mumbai		
Feb'19 Mar'19		
74.7 hrs 70.2 hrs 👚		
Low Performing CFS		
SBW Logistics CFS, Navi Mumbai		
Feb'19 Mar'19		

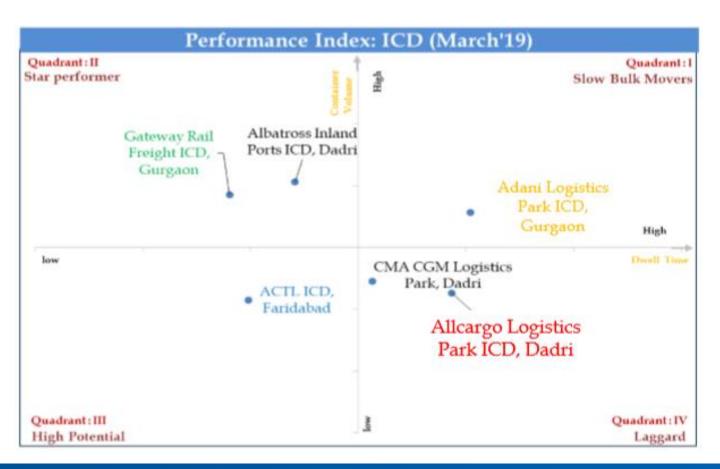
Note: The performance benchmarking is based on performance index

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



For the name of CFS, Refer to slide no. 31

Top Performing ICD		
Gateway Rail Freight ICD, Gurgaon		
Feb'19	Mar'19	
108 hrs	114 hrs 🖊	
Low Performing ICD		
Low Perfo	rming ICD	
	rming ICD s Park ICD, Dadri	
	S	



Container Transportation Performance - Southern Corridor



Port Dwell Time

MPORT

Mode	Feb'19 (in hrs)	Mar'19 (in hrs)
Overall	41.9	50.5
Truck	44.9	35.7
Train	37.0	26.1

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Mode	Feb'19 (in hrs)	Mar'19 (in hrs)
Overall	59.2	68.8
Truck	59.0	69.2
Train	59.7	57.3

Container Freight Stations(CFS)- Dwell Time



Entity	Feb'19 (in hrs)	Mar'19 (in hrs)
CFS	102.7	91.9

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

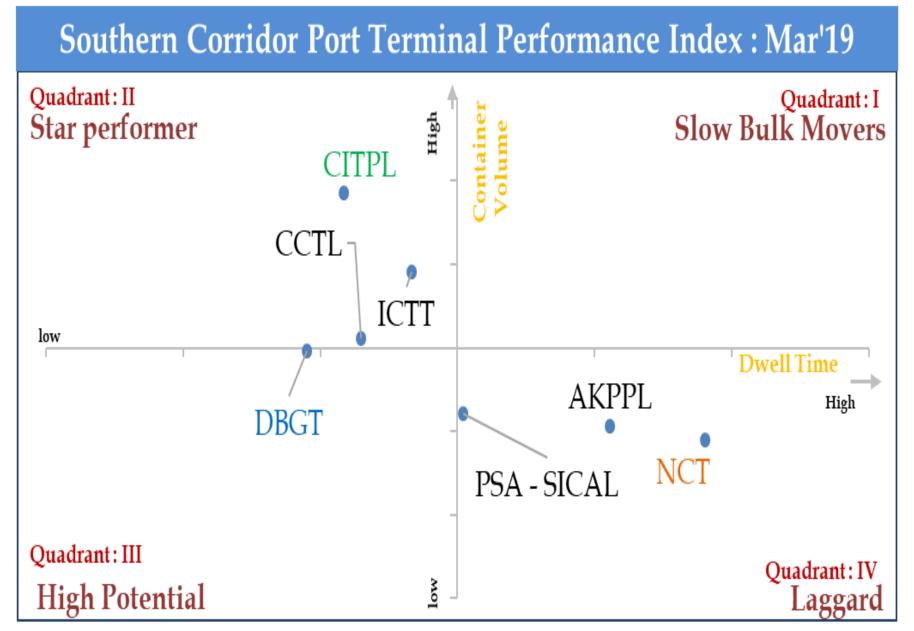
The marked entries showcase decrease in performance in comparison to Feb'19

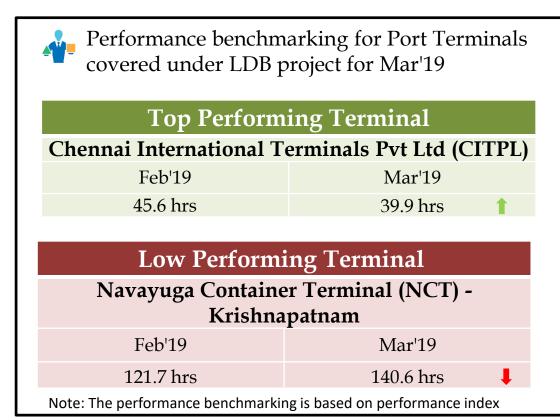
Port Performance Benchmarking & Performance Index - Southern Corridor





Performance Benchmarking - Port Terminals







Performance Index- Summary

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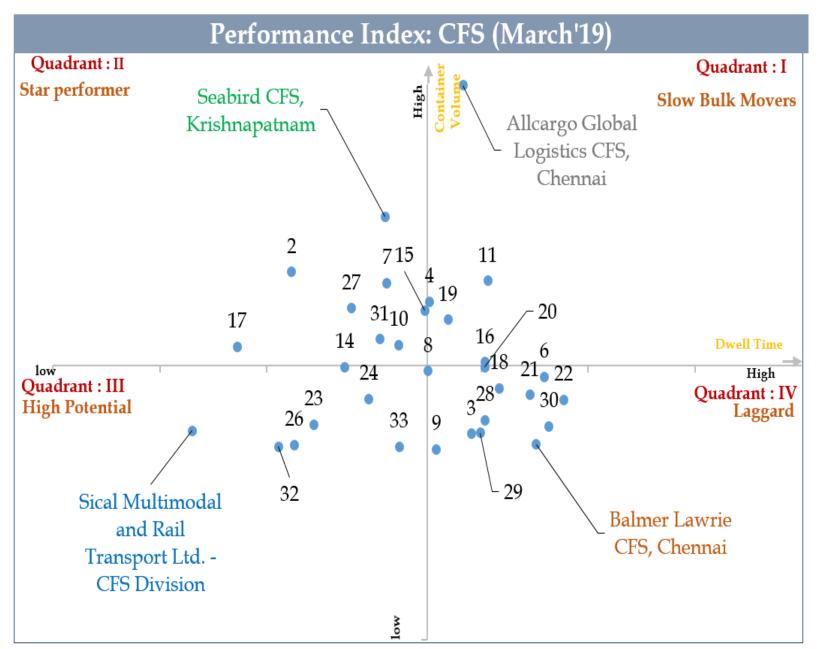
Laggard: consist of entities which have catered relatively lower container volume at higher dwell time

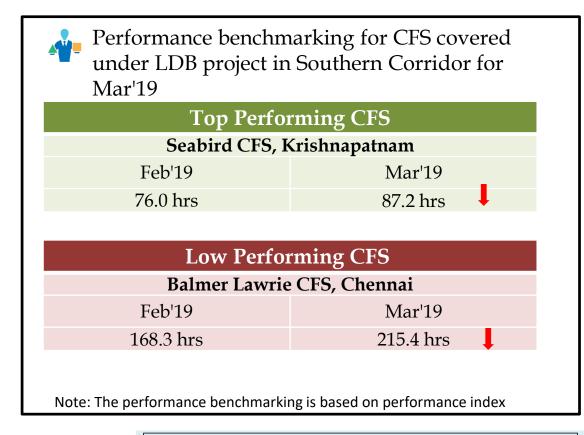
CFS Performance Benchmarking & Performance Index - Southern Corridor





Performance Benchmarking - CFS





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Container Transportation Performance - Eastern Corridor



Port Dwell Time

MPORT

Mode	Feb'19 (in hrs)	Mar'19 (in hrs)
Overall	38.2	96.0
Truck	37.3	45.8
Train	255.1	198.8

TYPORT

Mode	Feb'19 (in hrs)	Mar'19 (in hrs)
Overall	107.8	136.4
Truck	106.2	134.6
Train	124.1	149.3

Container Freight Stations(CFS)- Dwell Time



Entity	Feb'19 (in hrs)	Mar'19 (in hrs)
CFS	136.3	119.1

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

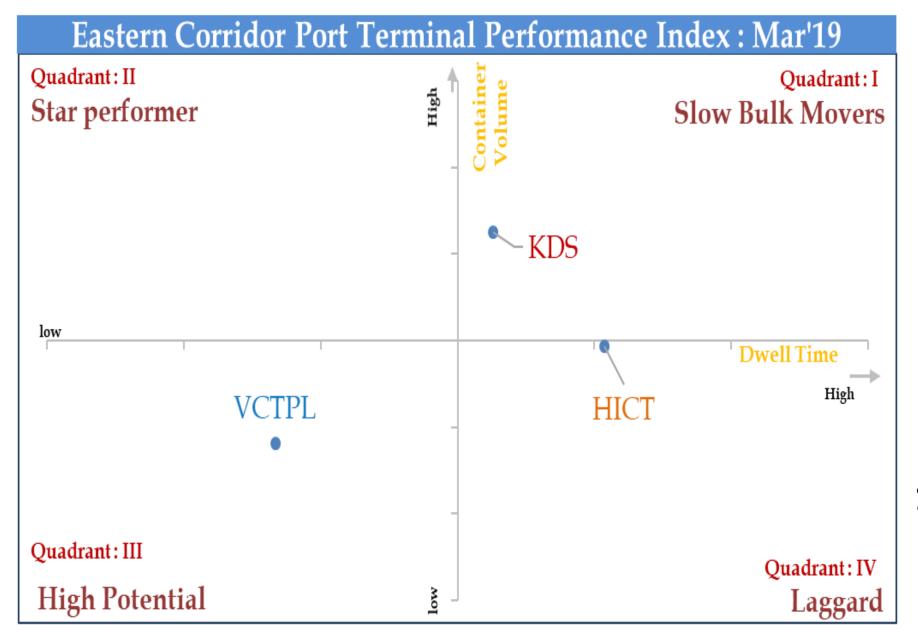
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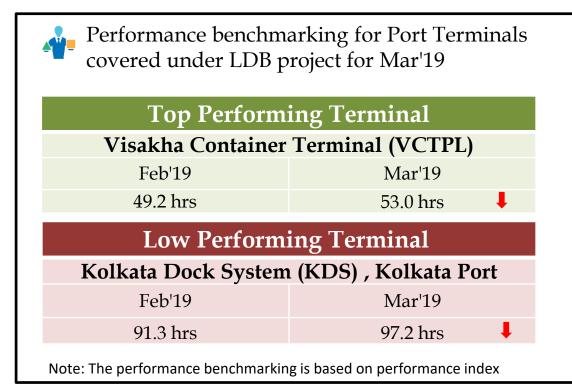
Port Performance Benchmarking & Performance Index - Eastern Corridor





Performance Benchmarking - Port Terminals







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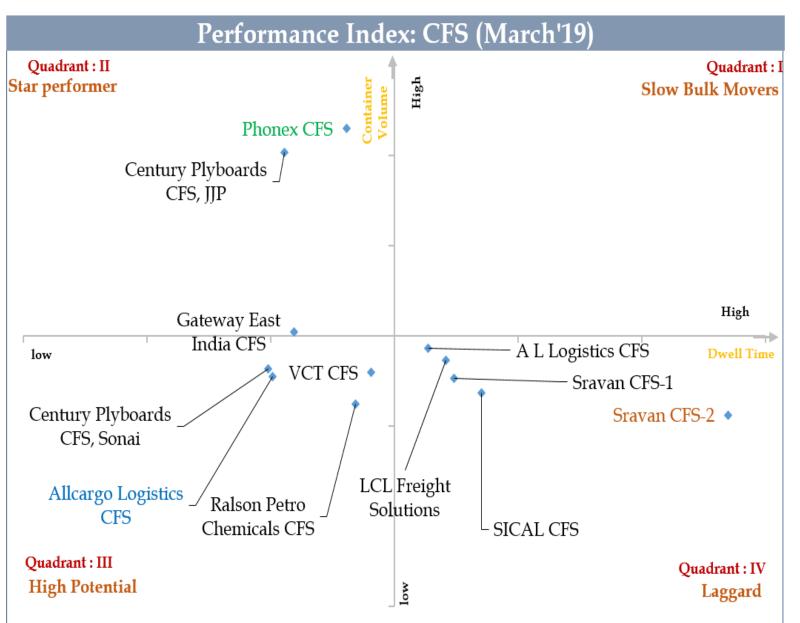
Laggard: consist of entities which have catered relatively lower container volume at higher dwell time

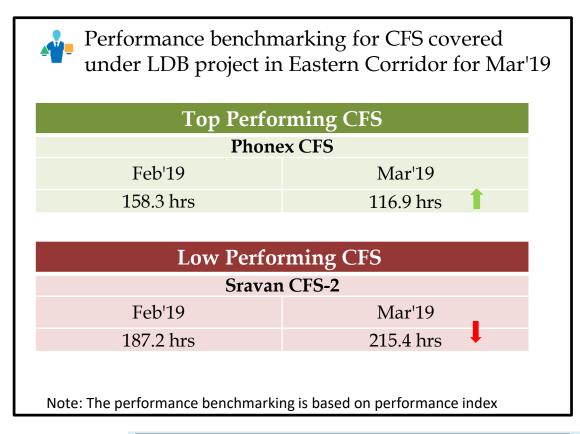
CFS Performance Benchmarking & Performance Index - Eastern Corridor





Performance Benchmarking - CFS





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Annexure

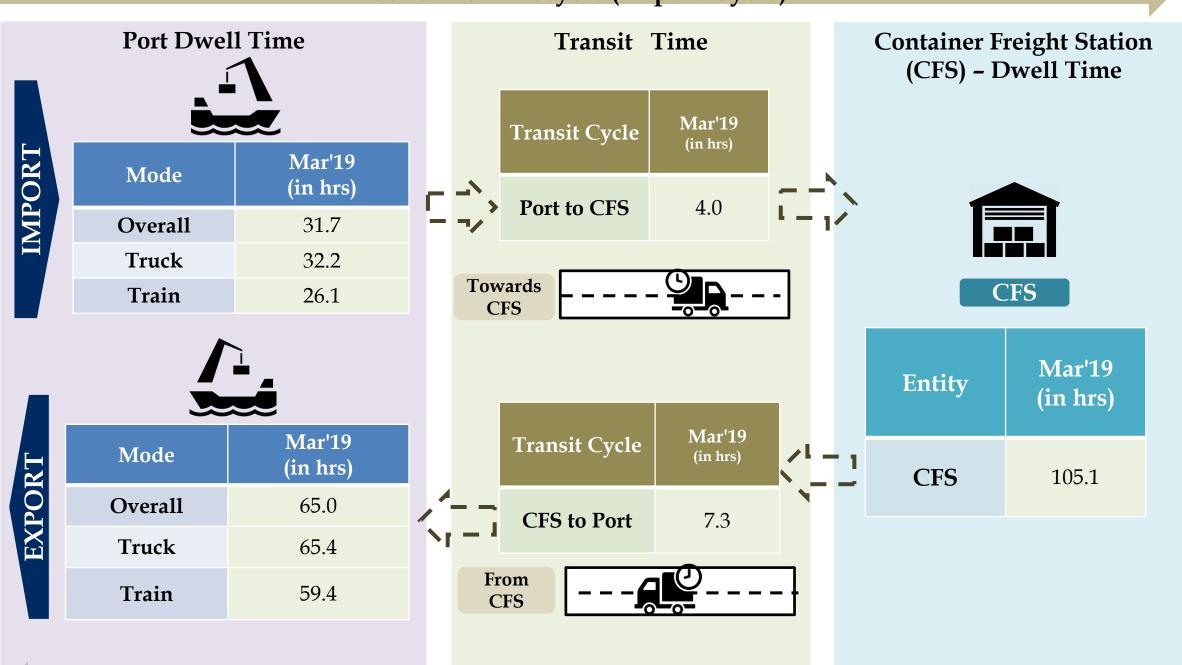


Individual Terminal Performance In Southern Corridor

Chennai Port Terminals: Container Transportation



Container Lifecycle (Import Cycle)



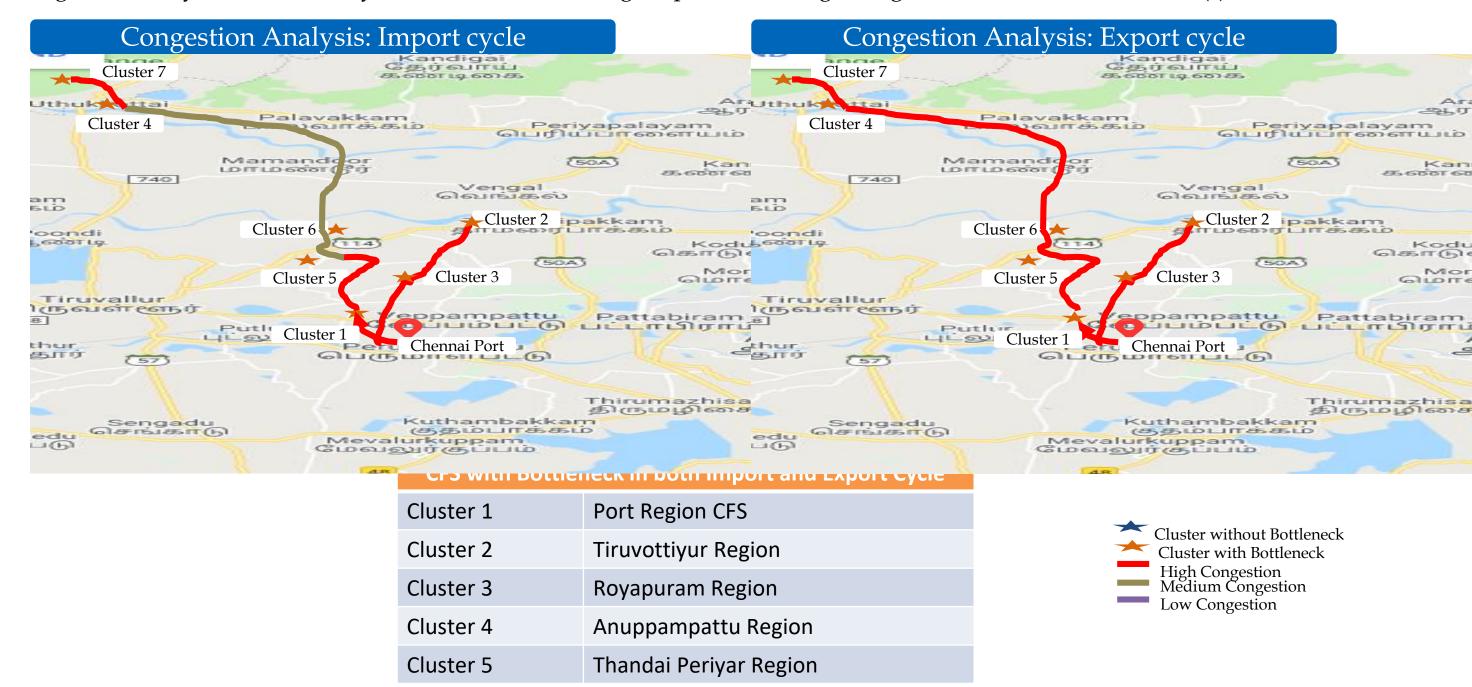
- The marked entries showcase the increase in performance as compared to Feb'19
- The marked entries showcase the decrease in performance as compared to Feb'19

Container Lifecycle (Export Cycle)

Chennai Port Terminals: Congestion Analysis

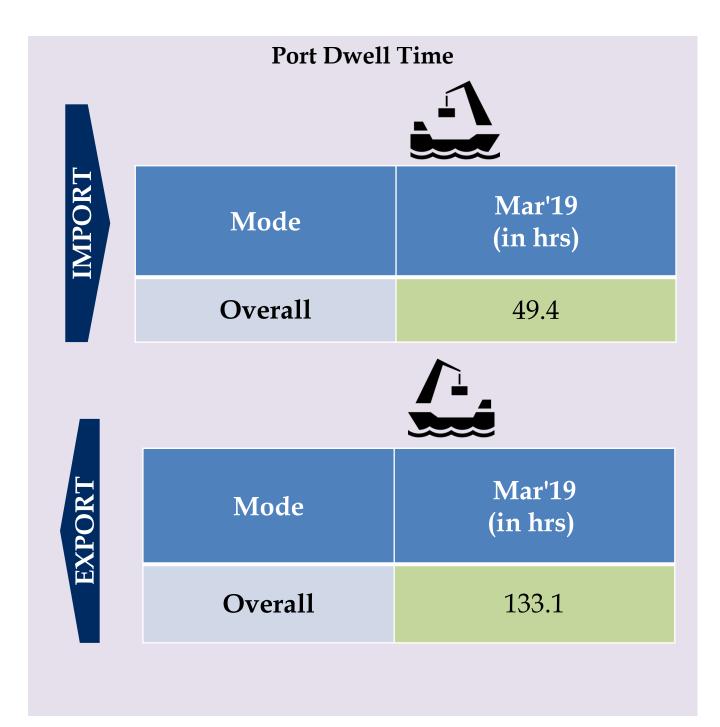


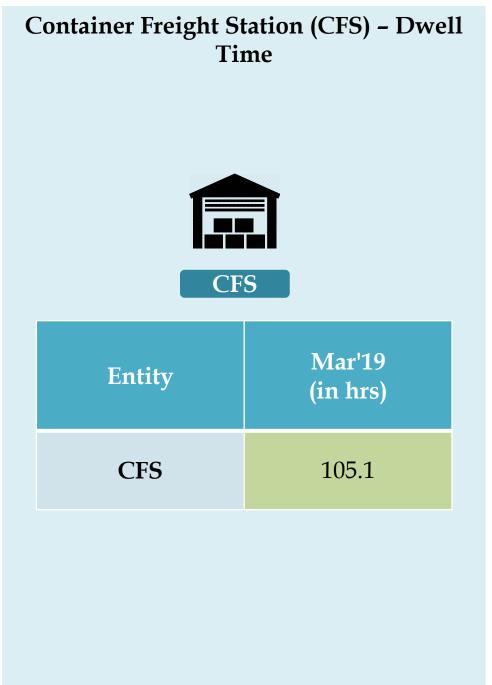
Congestion analysis in both the cycles around Chennai region port shows high congestion in route between CFS(s):



Kattupali Port Terminal: Container Transportation



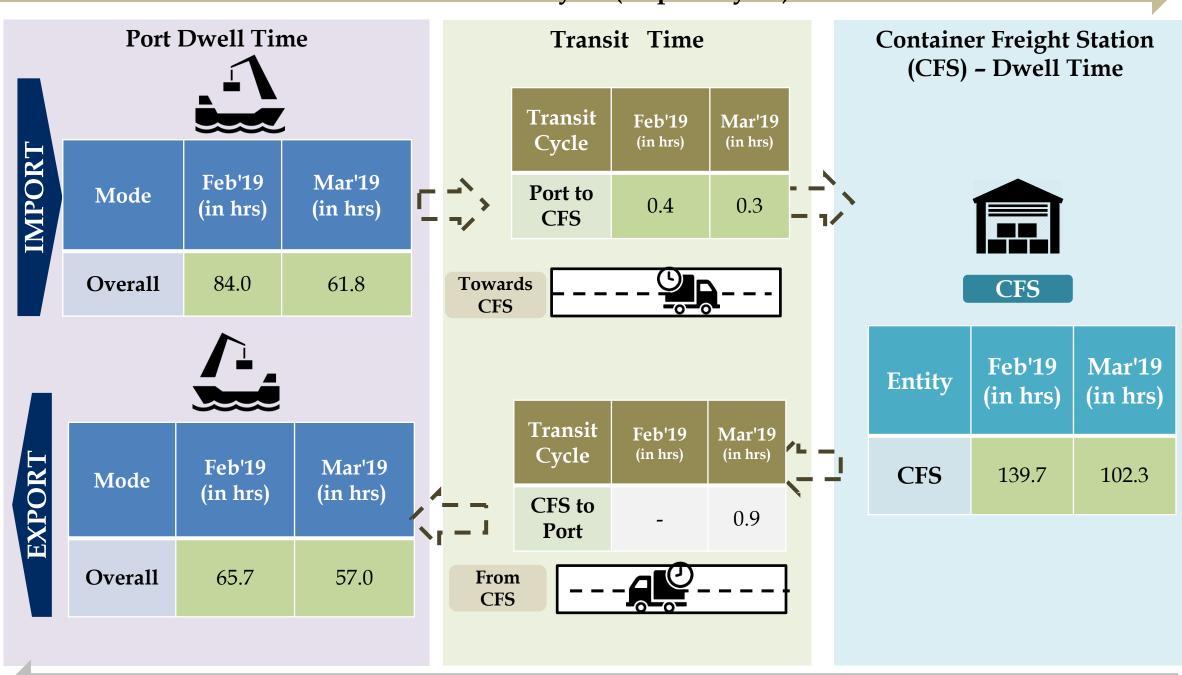




Kochi Port Terminal: Container Transportation



Container Lifecycle (Import Cycle)



- The marked entries showcase the increase in performance as compared to Feb'19
- The marked entries showcase the decrease in performance as compared to Feb'19

Container Lifecycle (Export Cycle)

Tuticorin Port Terminal: Port Dwell Time Performance



Container Lifecycle

Port Dwell Time



Terminals	Feb'19 (in hrs)	Mar'19 (in hrs)
Overall	23.7	20.5
DBGT Port terminal	19.4	17.4
PSA SICAL	47.0	37.7



Terminals	Feb'19 (in hrs)	Mar'19 (in hrs)	
Overall	45.8	53.5	1
DBGT Port terminals	43.7	49.2	
PSA SICAL	55.1	85.0	

Transit Time

Transit	Feb'19	Mar'19
Cycle	(in hrs)	(in hrs)
Port to CFS	0.8	0.7



Transit	Feb'19	Mar'19
Cycle	(in hrs)	(in hrs)
CFS to Port	-	1.7



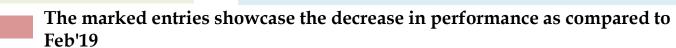
Container Freight Station (CFS) - Dwell Time



CFS

Entity	Feb'19 (in hrs)	Mar'19 (in hrs)
CFS	106.1	109.8

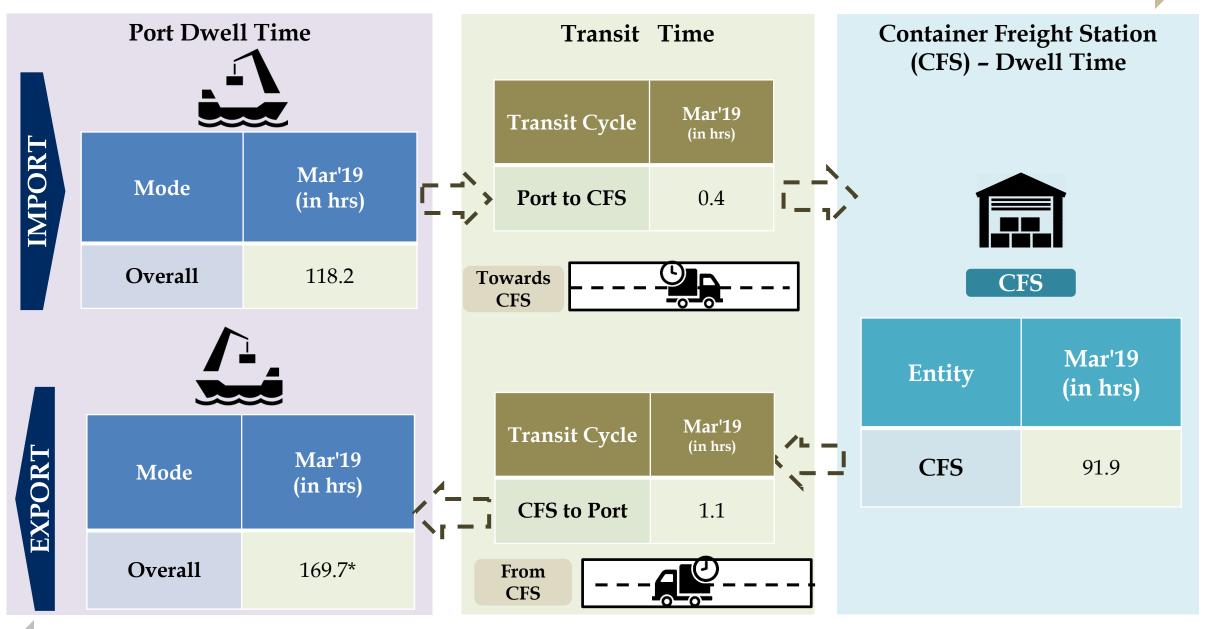
The marked entries showcase the increase in performance as compared to Feb'19



Krishnapatnam Port Terminal: Container Transportation



Container Lifecycle (Import Cycle)



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

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

Container Lifecycle (Export Cycle)

^{*} According to port the export dwell time is 73.6 hrs, the difference here is because of high number of containers destuffing at the port terminal yard. The Dwell time published here is of the actual container movement at the port terminals not of the cargo movement.

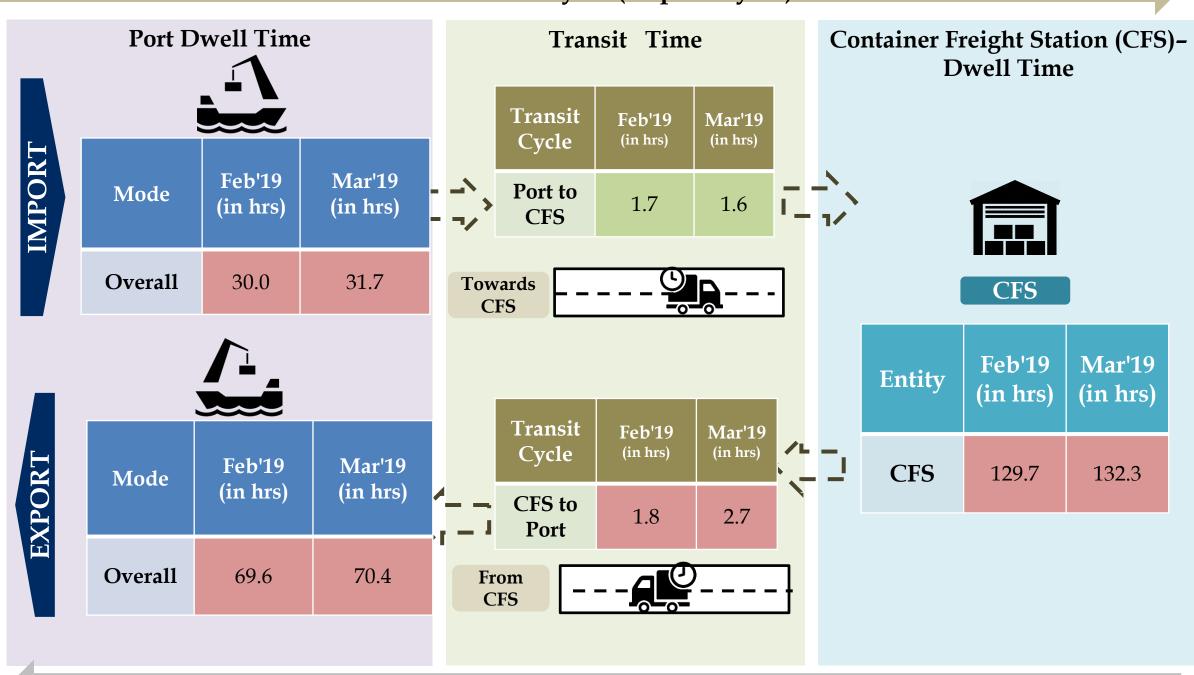


Individual Terminal Performance In Eastern Corridor

Vishakhapatnam Port Terminal: Container Transportation



Container Lifecycle (Import Cycle)



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

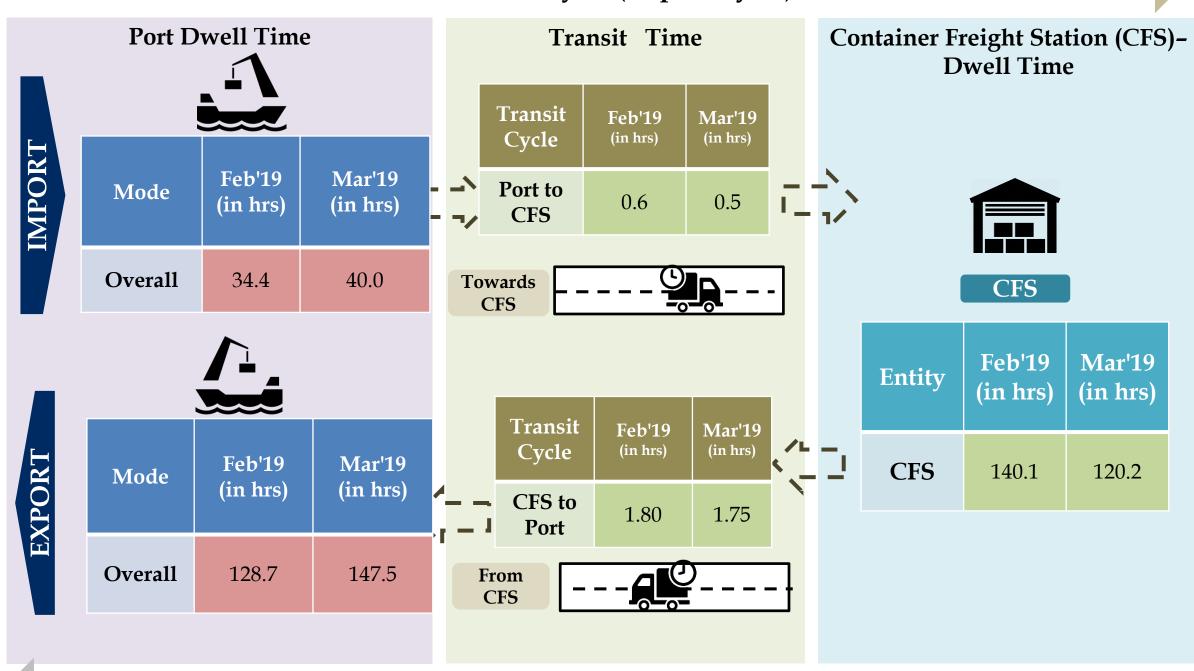
The marked entries showcase the decrease in performance as compared to Feb'19

Container Lifecycle (Export Cycle)

Kolkata Port Terminal: Container Transportation



Container Lifecycle (Import Cycle)



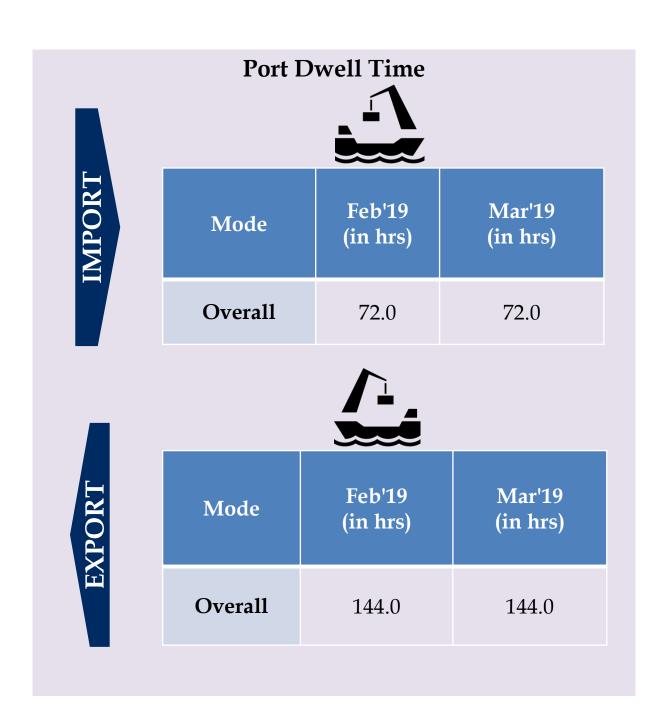
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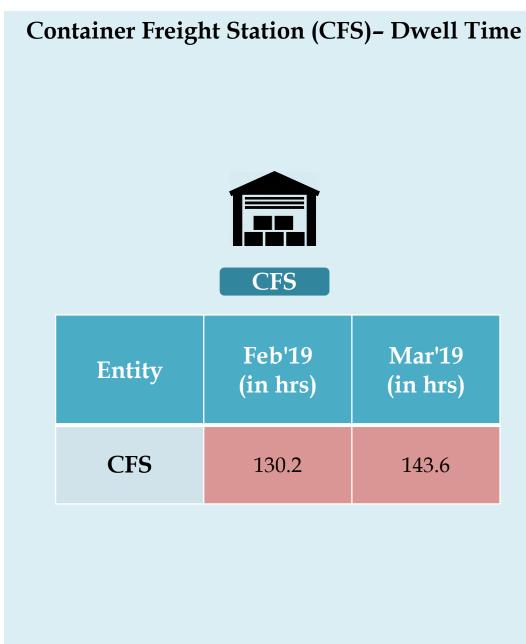
The marked entries showcase the decrease in performance as compared to Feb'19

Container Lifecycle (Export Cycle)

Haldia Port Terminal: Container Transportation







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

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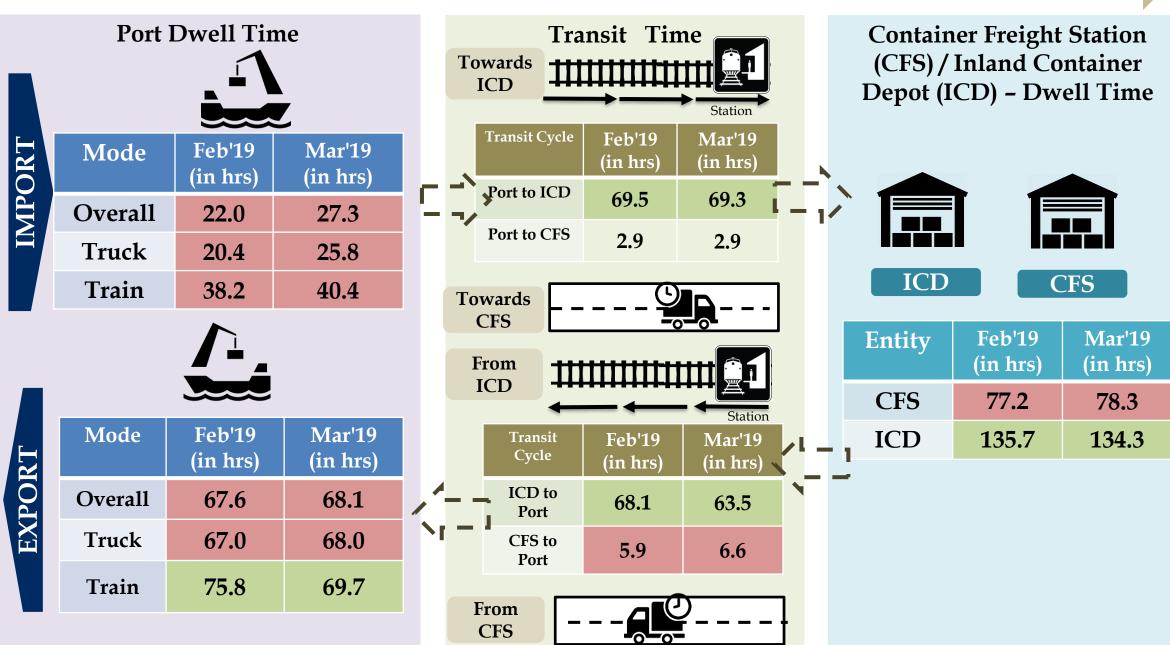


Individual Terminal Performance In Western Corridor

Container Transportation- JNPT Port Terminals



Container Lifecycle (Import Cycle)



- The marked entries showcase the increase in performance as compared to Feb'19
- The marked entries showcase the decrease in performance as compared to Feb'19

Container Lifecycle (Export Cycle)

Container Transportation- JNPT Port Terminals



	IMPORT CYCLE DWELL TIME (Mar'19 - in hrs)		Compared to Feb'19
	Overall Dwell Time of Truck and Train Bound Containers	27.3	24%
	Port Dwell Time for Truck Bound Containers	25.8	26%
	Port Dwell time for Train Bound Containers	40.4	6%
PORT DWELL TIME	Port Dwell time Direct Port Delivery (DPD) containers	48.0	25%
	Port Dwell time Containers bound for CFS	22.3	22%
	Port Dwell for Empty Containers	47.4	57%
	Port Dwell for Laden Containers	24.2	17%
TRANSIT TIME	Port to ICD	69.3	0.3%
	Port to CFS	2.9	1%

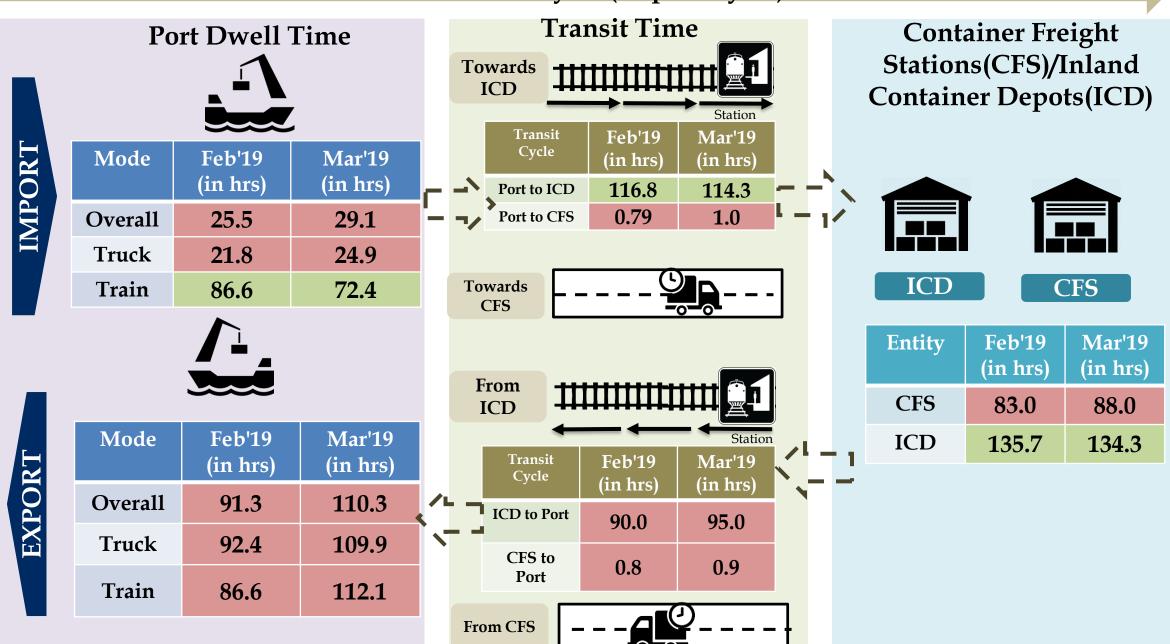
The arrows depict increase/decrease in performance of the stakeholders in comparison to Dec'18

	EXPORT CYCLE DWELL TIME (Mar'19- in hrs)		Compared to Feb'19
	Overall Dwell Time of Truck and Train Bound Containers	68.1	1%
	Port Dwell Time for Truck Bound Containers	68.0	2%
	Port Dwell time for Train Bound Containers	69.7	8%
PORT DWELL TIME	Port Dwell time Direct Port Entry (DPE) containers	64.8	3%
	Port Dwell time Containers bound from CFS	63.5	2%
	Port Dwell for Empty Containers	75.1	4%
	Port Dwell for Laden Containers	65.8	1%
TRANSIT TIME	ICD to Port	63.5	7%
	CFS to Port	6.6	12%

Gujarat Port Terminals: Container Transportation



Container Lifecycle (Import Cycle)



- The marked entries showcase the increase in performance as compared to Feb'19
- The marked entries showcase the decrease in performance as compared to Feb'19

Container Lifecycle (Export Cycle)

Container Transportation- APSEZ Port Terminals



	IMPORT CYCLE DWELL TIME (Mar'19- in hrs)		Compared to Feb'19
	Overall Dwell Time of Truck and Train Bound Containers	29.1	14%
PORT DWELL TIME	Port Dwell Time for Train Bound Containers	72.4	16% 1
	Port Dwell time for Truck Bound Containers	24.9	14% 👃
TRANSIT TIME	Port to ICD	114.3	2%
	Port to CFS	1.0	0%

	EXPORT CYCLE DWELL TIME (Mar'19- in hrs)		Compared to Feb'19
PORT DWELL TIME	Overall Dwell Time of Truck and Train Bound Containers	110.3	21% 👃
	Port Dwell Time for Train Bound Containers	112.1	29% 👢
	Port Dwell time for Truck Bound Containers	109.9	19% 👃
TRANSIT TIME	ICD to Port	95.0	6% ↓
	CFS to Port	0.9	13% 👢

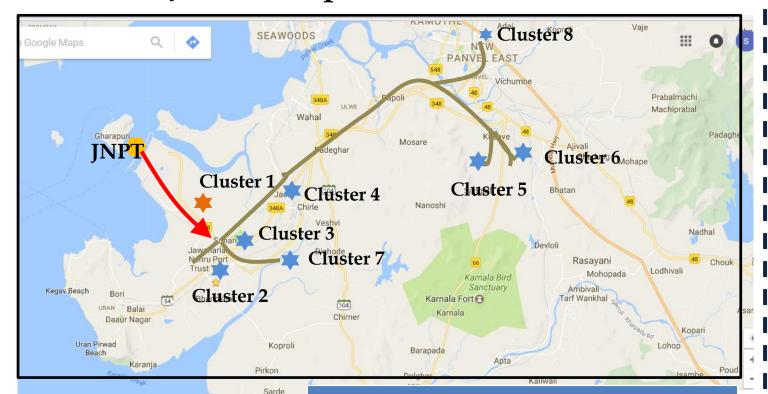


The arrows depict increase/decrease in performance of the stakeholders in comparison to Feb'19

JNPT Region: Congestion Analysis



JNPT - Import - Mar'19



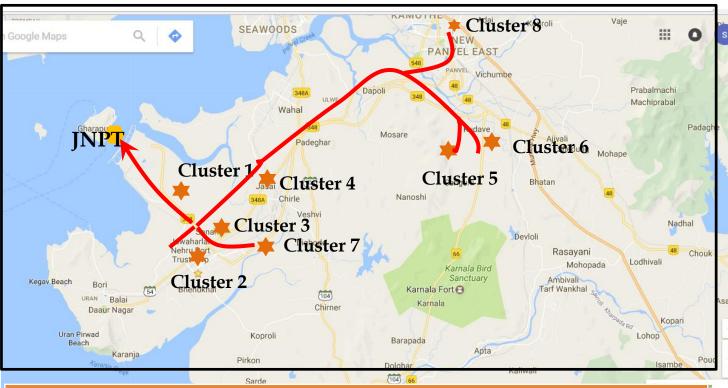
	Legends High Congestion Medium Congestion Low Congestion
*	Cluster with bottleneck Cluster without bottleneck

Clusters with bottleneck

Cluster 1 JNPT Area

Clus	ters 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 - Mar'19



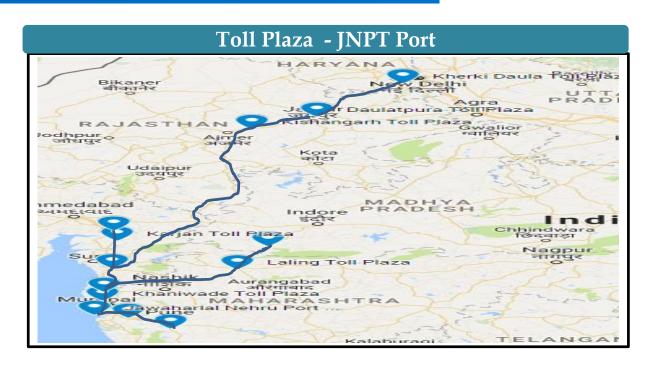
Clusters with bottleneck		
CLUSTER 1	JNPT Area	
CLUSTER 2	Bhendkhal area, Khopate road	
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CLUSTER 5	Plaspa area, Coachi kanyakumari Highway	
CLUSTER 6	Salva apta rd area, Bangalore highway	
CLUSTER 7	Patilpada area, Khopate JNPT road	
CLUSTER 8	Taloja,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

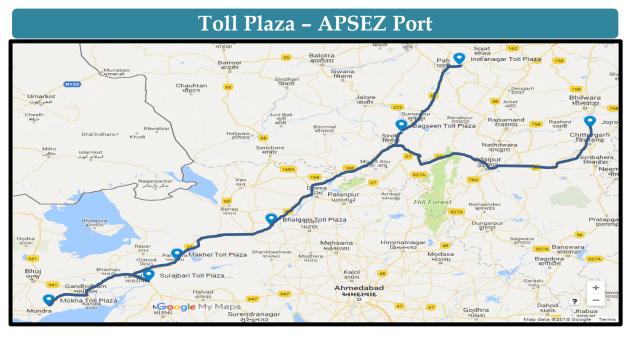
Western Corridor Toll Plaza Analysis



Avg. Sp	eed bet	ween T	'oll P	lazas
OF				

	Source	Destination Toll Plaza	Inter Distance (Km)	Feb'19 (in km/hrs)	Mar'19 (in km/hrs)
	JNPT	Khaniwade	94	12.9	12.5
	JNPT	Khalapur	60	15.8	15.3
	Khaniwade	Charoti	50	38.7	38.8
L	Charoti	Boriach	126	30.2	29.4
JNPT	Boriach	Bharthan	142	33.2	35.1
	Bharthan	Vasad	60	37.6	39.9
	Khalapur	Khedshivpur	105	29.1	29.4
	Daulatpura	Kherki	199	23.3	24.4
	APSEZ	Mokha	28	22.5	21.4
	Mokha	Makhel	150	26.4	26.5
APSEZ	Mokha	Surajbari	115	27.7	27.7
	Makhel	Bhalgam	108	39.9	39.0
	Bhalgam	Uthamam	209	31.5	30.2
	Uthamam	Indranagar	109	37.3	36.8





Annexure - Western Region

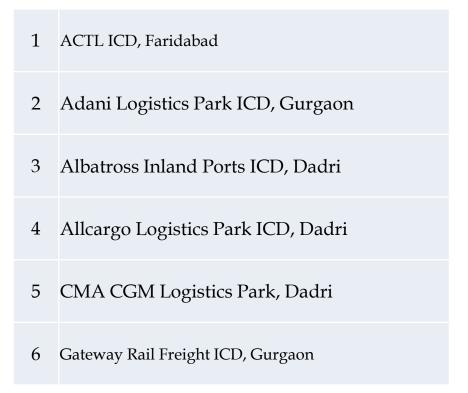


List of CFS name used in CFS Performance Index

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

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

List of ICD name used in ICD Performance Index



Annexure – Southern Region



List of CFS name used in CFS Performance Index

1	Seabird CFS, Krishnapatnam
2	Raja Agencies CFS
3	Kerry Indev Logistics Private Limited / Continental Container Freight Station
4	Gateway East India CFS
5	Sical Multimodal and Rail Transport Ltd CFS Division
6	Sravan CFS-1
7	St. John Freight Systems Ltd ICD Division
8	Calyx Container Terminal CFS, Chennai
9	Thiru Rani Logistics CFS, Tiruvallur
10	GDKL CFS
11	Sanco Trans CFS, Chennai
12	Balmer Lawrie CFS, Chennai
13	Allcargo Global Logistics CFS, Chennai
14	Gateway Distripark CFS, Krishnapatnam
15	MIV CFS
16	Sattva Hi-Tech And Conware CFS, Chennai
17	A S Shipping Agencies CFS, Tiruvallur
18	Apm Terminals India CFS, Tiruvallur
19	Kerry Indev Logistics ICD, Kanchipuram
20	VCT CFS

21	Hari CFS
22	SICAL CFS
23	STP Services CFS, Chennai
24	Vilsons CFS
25	Diamond CFS Park
26	ALS Tuticorin Terminal Private Limited
27	Gateway Distriparks CFS, Chennai
28	Kailash Shipping Services CFS, Chennai
29	Prompt Terminals (P) Ltd
30	Chola Logistiks Pvt Ltd
31	Sudharsan Logistics CFS, Chennai
32	Viking Warehousing CFS, Chennai





THANK YOU