



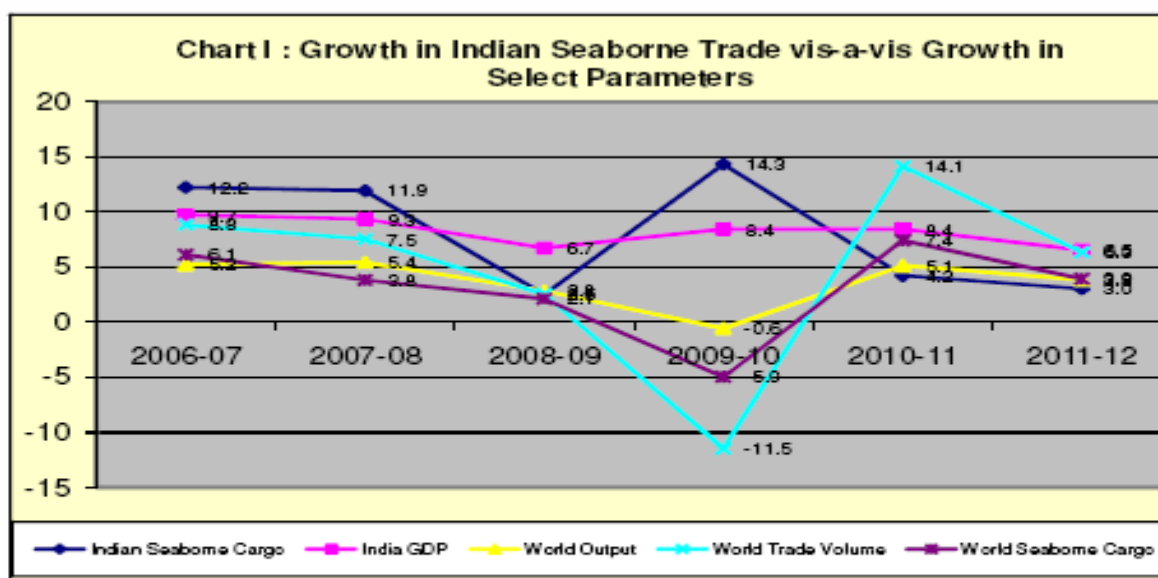
E-Magazine

(March, 2016)

**INDIAN PORTS ASSOCIATION
New Delhi**

Cargo Traffic at Indian Ports

During the first half (April-September) of 2012-13 major and non major ports in India accomplished a total cargo throughput of 455.8 million tonnes reflecting an increase of only 1.8% over the same period last year (**Table: 1**). This is mainly attributable to a decline of 3.3% in the cargo handled at major ports during the first half of the year. In contrast, non-major port's growth increased to 10.3% in the first half of 2012-13 compared to 8.2% in the corresponding period of 2011-12. The growth in India's GDP, Port traffic and growth in world output, world export volume and world seaborne trade (loadings and unloading) since 2006-07 is given in **Chart-I**



Source: Growth rates for India's GDP and Cargo Traffic are based on statistics released by Central Statistical Organization and data available with Transport Research Wing of M/o Shipping, Road Transport & Highways and pertain to fiscal year. Growth rates in the World Output and World Trade Volume refer to calendar years (2006-07 refers to 2006 and so on) based on (World Economic Outlook, October 2012, IMF)

Table 1: Traffic Handled at Indian Ports (Thousand Tonnes)

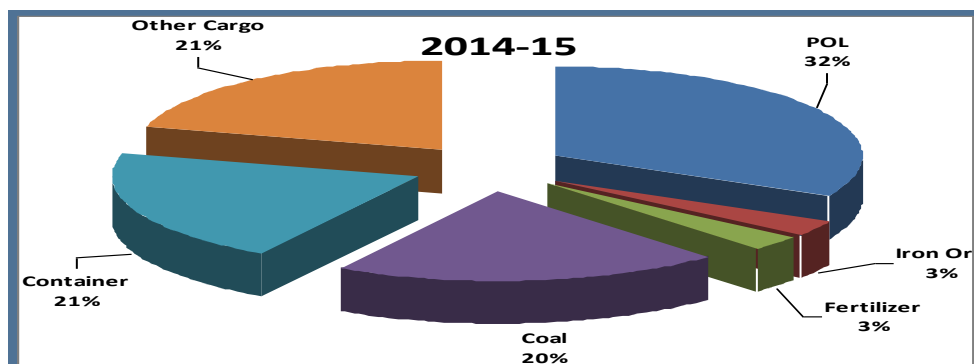
Major/Non-Major Ports	Traffic Handled				Growth over previous year/period			
	2010-11	2011-12	April-September		2010-11	2011-12	April-September	
			2011-12	2012-13			2011-12(P)	2012-13
Major Ports	570032 (64.4)	560137 (61.4)	279880 (62.5)	270561 (59.4)	1.6	-1.7	3.2	-3.3
Non-Major Ports	314848 (35.6)	353015 (38.6)	167969 (37.5)	185206 (40.6)	9.1	11.5	8.2	10.3
All Ports	884880 (100)	913152 (100)	447849 (100)	455767 (100)	4.2	3.0	5.0	1.8

Note : Figures within parenthesis indicate percent share in total cargo traffic for Major and Non-Major ports respectively. (P) : Provisional

Year wise traffic handled at Major and Non-Major Ports

Year	(in Million Tonnes)			% share of Major Ports	% share of Non-Major Ports
	Major Ports	Non Major Ports	Total		
2001-2002	287.58	96.27	383.85	74.92	25.08
2002-2003	313.55	105.17	418.72	74.88	25.12
2003-2004	344.79	120.84	465.63	74.05	25.95
2004-2005	383.75	137.83	521.58	73.57	26.43
2005-2006	423.56	145.53	569.09	74.43	25.57
2006-2007	463.78	186.12	649.90	71.36	28.64
2007-2008	519.31	203.62	722.93	71.83	28.17
2008-2009	530.53	213.20	743.73	71.33	28.67
2009-2010	561.09	288.86	849.95	66.01	33.99
2010-2011	570.03	314.85	884.88	64.42	35.58
2011-2012	560.13	353.02	913.15	61.34	38.66
2012-2013	545.79	387.87	933.66	58.45	41.54
2013-2014	555.50	417.13	972.63	57.11	42.89
2014-2015	581.34	470.67	1052.01	55.26	44.74

The total traffic volumes of non-major ports continued their upward trajectory with 44.74% share in traffic handled at Indian ports in 2014-15, which was 25.08% in 2001-02. The composition of cargo at Major Ports during FY 2014-15 is shown below:

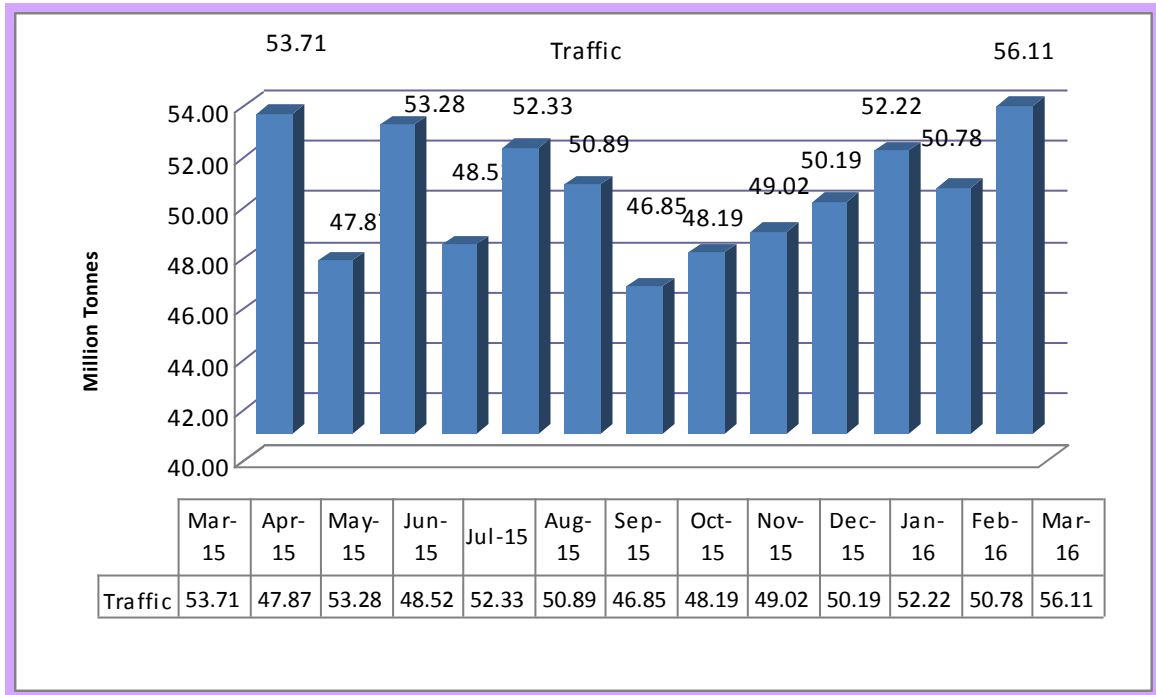


State-Wise Traffic Handled at Non-Major/Intermediate Ports During 2014-15

(*) Provisional

State	Traffic Handled(*)	% of Share to Total Traffic
Gugarat	336.09	71.41
Maharashtra	27.30	5.80
Goa(Panaji)	0.78	0.17
Tamil Nadu	0.83	0.18
Karnataka	0.65	0.14
Kerala	0.03	0.01
Puducherry	4.96	1.05
Andhra Pradesh	83.42	17.72
Orrisa	15.45	3.28
A&N Island	1.16	0.25
Total Traffic	470.67	100.00

Monthly Cargo traffic handled at Major Ports



Port traffic is at its all time high in March 2015 on the back strong fertilizer finished, thermal coal and other cargo traffic and also because of rise in Container traffic. However, it had declined at the level of 46.85 million tonnes in September 2015 and again showing an upward trend thereafter.

Cargo traffic at Major Ports (in million tonnes)

	Mar-15	Feb-15	Mar-16	% of Total Traffic	YoY Gr (%)	MoM Gr (%)	FY 2014-15	FY 2013-14	YoY Gr (%)
Kolkata	5.19	3.94	4.75	8.47	-8.48	20.56	46.29	41.39	11.84
Paradip	6.49	5.64	7.62	13.58	17.41	35.11	71.01	68.00	4.43
Vishakapatnam	5.07	4.56	5.07	9.04	0.00	11.18	58.00	58.50	-0.85
Ennore	2.70	2.40	3.20	5.70	18.52	33.33	30.25	27.34	10.64
Chennai	4.38	3.70	4.69	8.36	7.08	26.76	52.54	51.10	2.82
Tuticorin	3.43	3.24	3.53	6.29	2.92	8.95	32.41	28.64	13.16
Cochin	1.94	1.64	1.68	2.99	-13.40	2.44	21.60	20.89	3.40
New Mangalore	3.77	2.39	3.44	6.13	-8.75	43.93	36.57	39.37	-7.11
Mormugao	1.71	1.27	2.75	4.90	60.82	116.54	14.71	11.74	25.30
Mumbai	5.32	4.77	5.03	8.96	-5.45	5.45	61.66	59.19	4.17
Jawahar Lal Nehru	5.57	4.93	5.41	9.64	-2.87	9.74	63.80	62.33	2.36
Kandla	8.14	6.36	8.94	15.93	9.83	40.57	92.50	87.00	6.32
Total	53.71	44.84	56.11	100.00	4.47	25.13	581.34	555.49	4.65

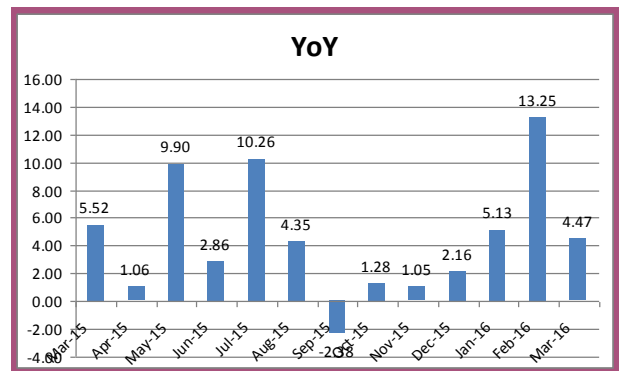
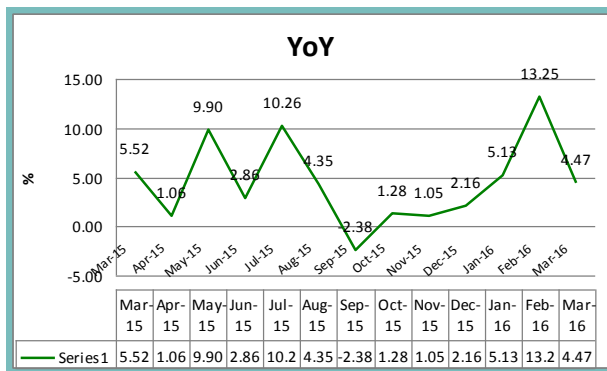
Six out of twelve major ports reported growth in cargo traffic for the month of March 2016. Mormugao port reported highest increase of 60.82% YoY, followed by Ennore (18.52% YoY), Paradip (17.41%YoY), Kandla (9.83%YoY), Chennai (7.08% YoY) and Tuticorin (2.92% YoY).

During the FY 2015-16, ten major ports reported growth in cargo traffic, however, major port volumes showed their up word trajectory with 4.31 YoY increase in volumes.

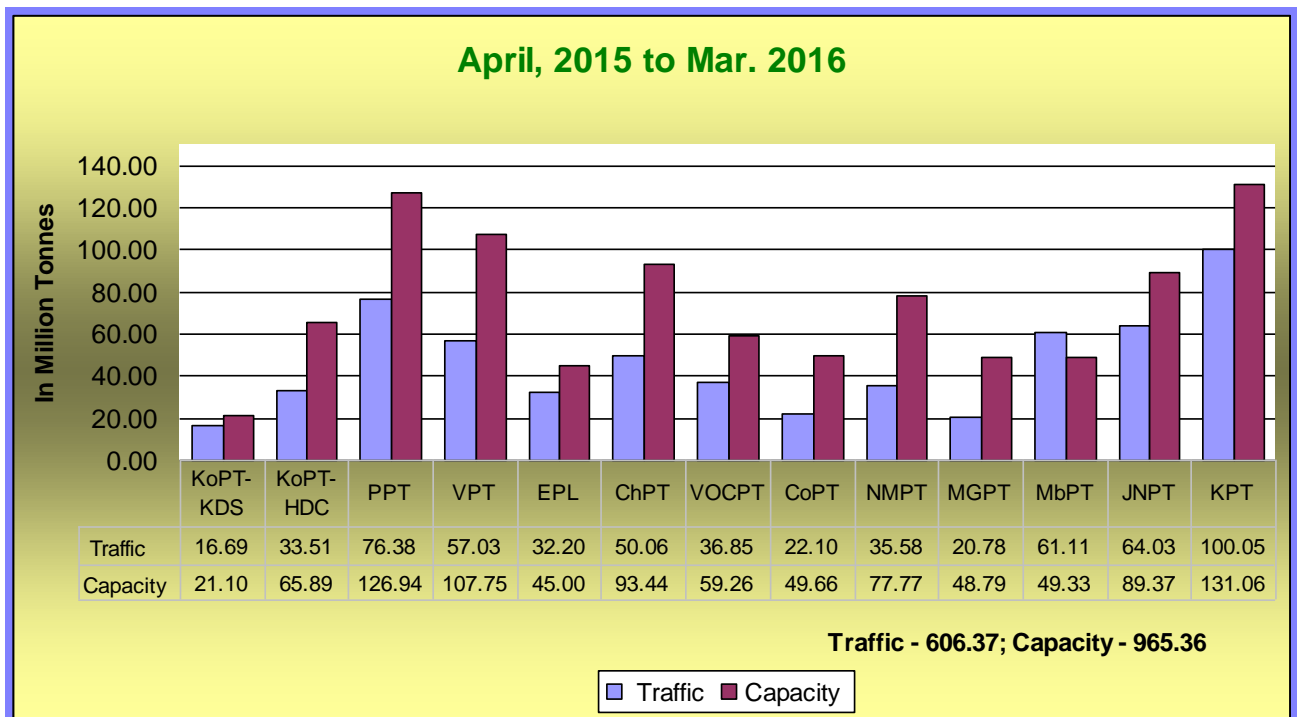
(in million tonnes)

Year	P.O.L.	IRON	FERTILIZER		COAL		CONTAINER		OTHER	TOTAL
		ORE	FIN.	RAW	THERMAL	COKING	TONNAGE	TEUs	CARGO	
2015-16	196.069	12.872	8.493	7.530	99.139	30.902	123.118	8.197	128.251	606.374
2014-15	188.771	17.909	7.851	8.345	85.339	32.525	119.443	7.960	121.161	581.344
	3.87	-28.13	8.18	-9.77	16.17	-4.99	3.08	2.98	5.85	4.31

POL, Fertilizer (Fin), Coal(Thermal), Container, and other cargo grew by 3.87% YoY, 8.18% YoY, 16.17% YoY, 3.08% YoY and 5.85% YoY respectively while Iron ore, Fertilizer(Raw) and Coal(Coking) declined by (-)28.13% YoY, 9.77% YoY and 4.99% YoY respectively.

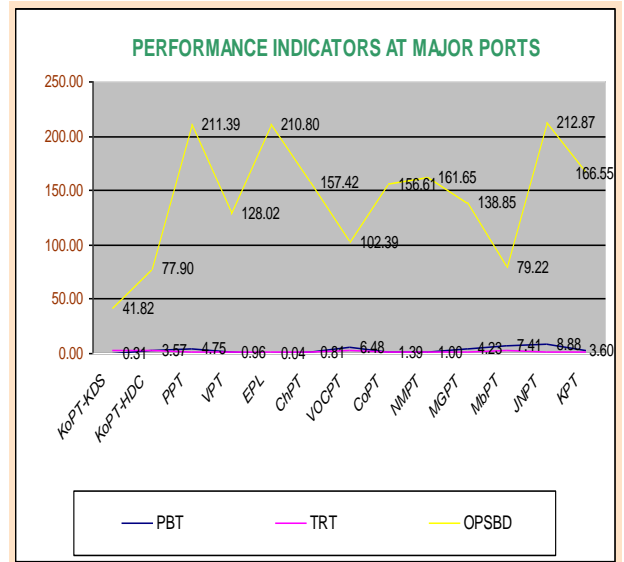
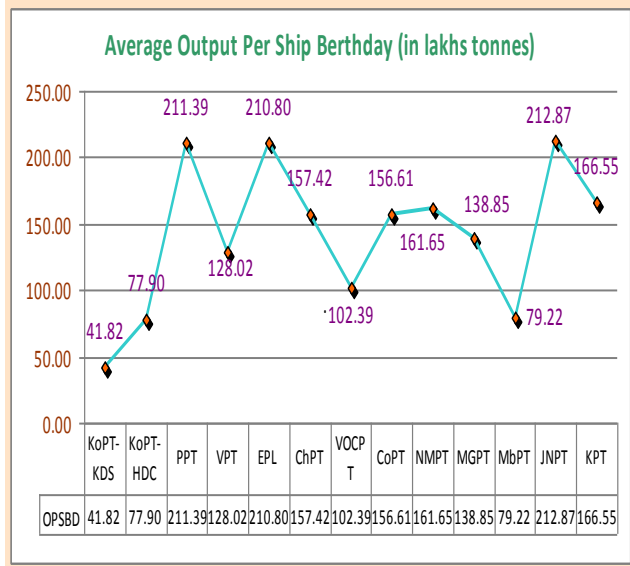
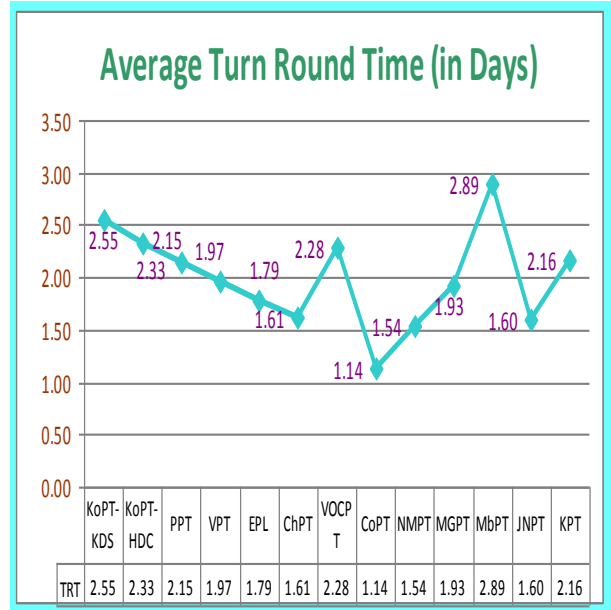
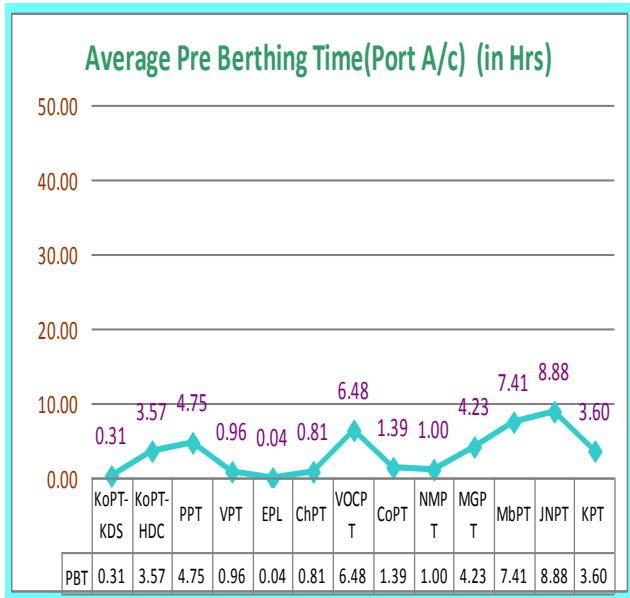


Traffic Handled vis-à-vis Capacity at Major Ports

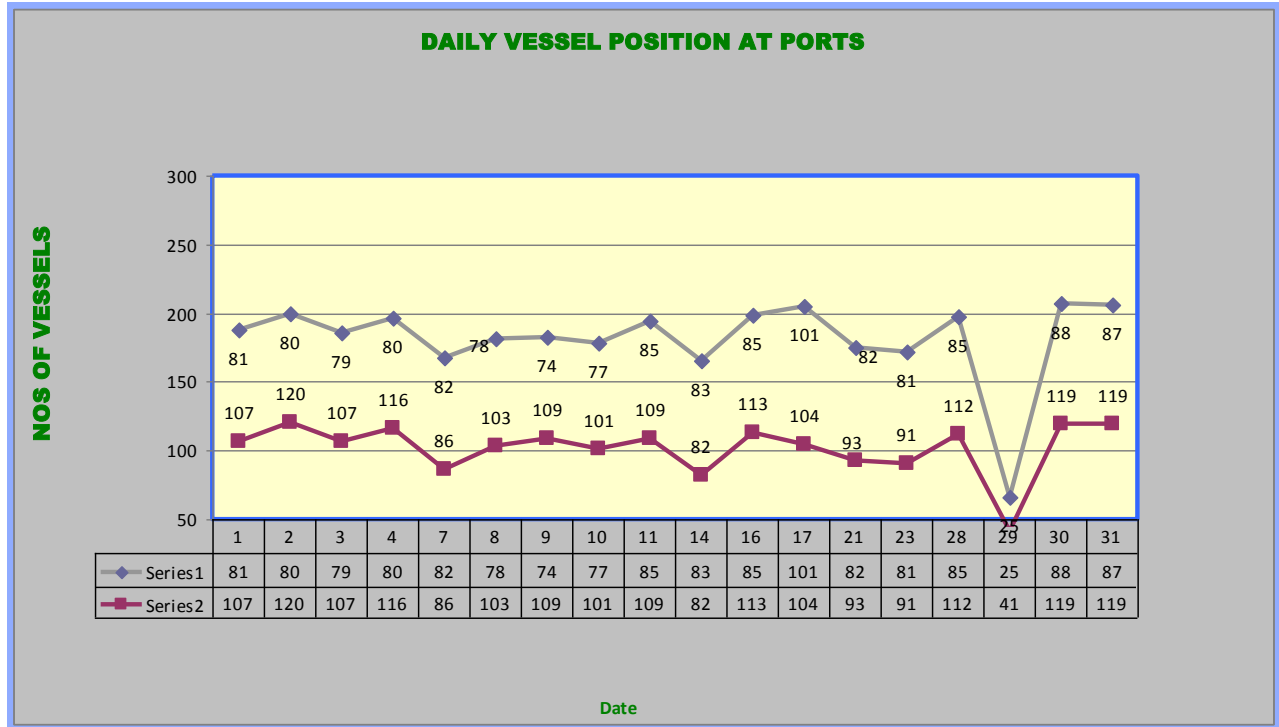


As may be seen that there has been an overall increase of 93.84 million tonnes of capacity in FY 2015-16. The total Capacity of Major ports reaches to 965.36 million tonnes at the end of FY 2015-16.

Performance Indicators during April to March 2016



Date wise Vessel Position during March 2016



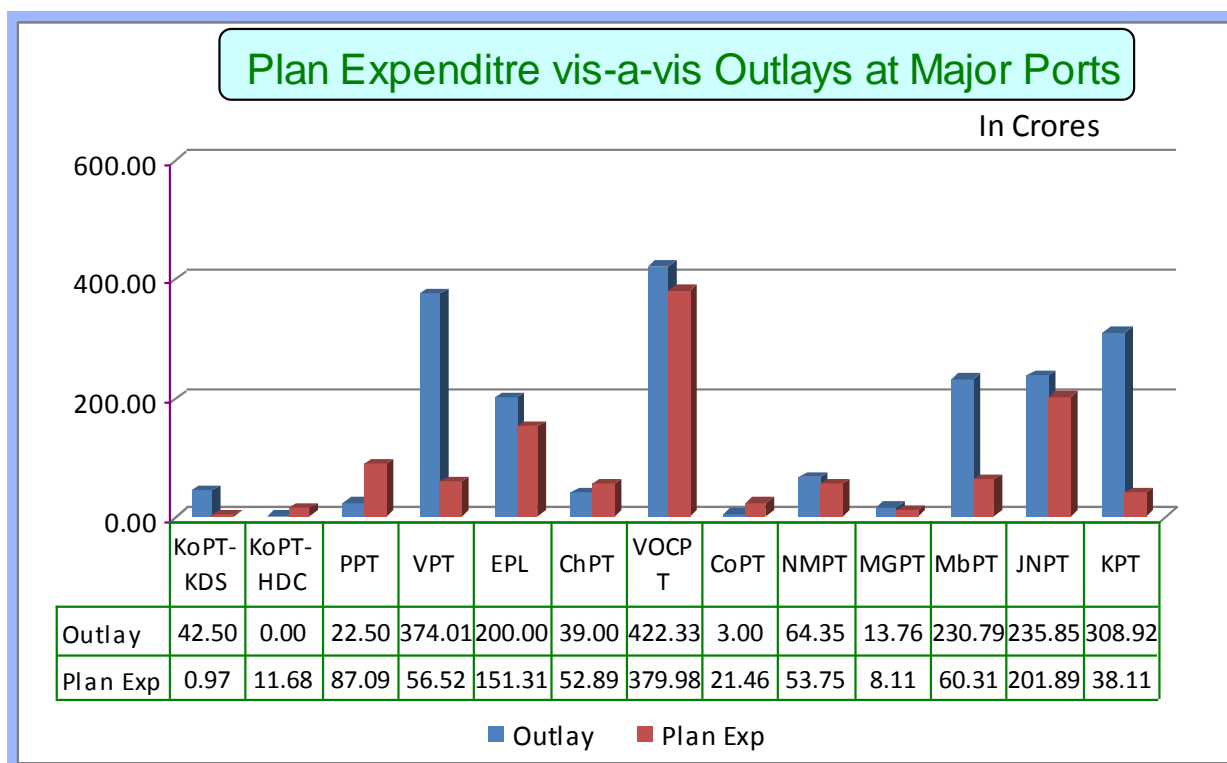
On 30th March, 2016, Major Ports had around 207 vessels in Indian water

Outlay and Expenditure for the Ports and Shipping Sector during the Five Year Plans

(Rs in Crore)

Five Year Plan	Port Sector		Shipping Sector	
	Outlay	Expenditure	Outlay	Expenditure
I (1951 - 56)	37	28	26	19
II (1956 - 61)	45	33	48	53
III (1961 - 66)	86	93	57	40
Annual Plans (1966 - 69)	54	53	23	32
IV (1969 - 74)	195	249	141	155
V (1974 - 79)	571	488	450	469
VI (1980 - 85)	647	765	755	444
VII (1985 - 90)	1230	1513	827	720
VIII (1992 - 97)	3557	2302	3669	3033
IX (1997- 02)	10081	5316	6305	2466
X (2002 - 07)	5418	2893	7754	2992
XI (2007 - 12)	30305	6948	15026	9788
XII (2012 - 17)	15764	NA	10142	NA

Outlay vis-a-vis Plan Expenditure upto January 2016



Some of the important projects completed during FY 2014-15

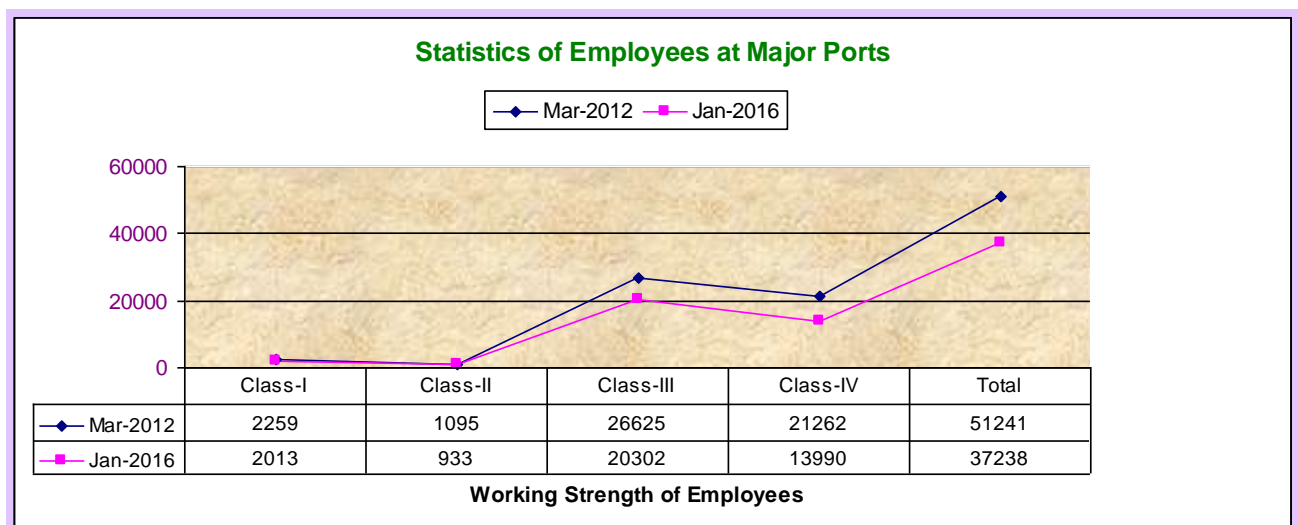
- Development of Coal handling terminal on DBFOT basis (4.61 MTPA) completed during June 2014 at MGPT.
- Enhancement of cargo handling capacity by installing rapid in motion wagon loading facility by SWPL (2.50 MTPA), completed during July 2014 at MGPT
- Commissioning of 2 Nos Harbour Mobile Cranes and 2 Nos Floating Cranes (5.00 MTPA) completed during August 2014 at KPT.
- Installation of 2 Nos Shore based unloaders in Coal berth-2 (Part Capacity) (2.00 MTPA) completed during August 2014 at EPL.
- Construction of Southern Oil Jetty (10.00 MTPA) completed during September 2014 at PPT.
- Design & Supply of 3 RMQC (2.29 MTPA) completed during December 2014 at JNPT.
- Development of Dry Bulk Terminal off Terka near Tuna (14.11 MTPA) completed during December 2014 at KPT.
- Mechanization of berth No.5 of NSD container berth(3.96 MTPA) at KoPT
- Increase in capacity due to productivity of CBI & CBII (1.00 MTPA) at PPT.
- Development of WQ6 berth for 225m length and 22.5m width for handling dry bulk cargo on DBOFT basis (6.00) at VPT.
- Development of EQ-10 berth in inner harbour for handling liquid cargoes and chemicals on DBOFT basis (1.84 MTPA) at VPT.
- Increase in capacity at CICTPL coal berth due to productivity (1.00 MTPA) at KPL.
- Increase in capacity at ETTPL berth due to productivity (1.00 MTPA) at KPL.
- Increase in capacity at General Cargo berth (2.00 MTPA) at KPL.
- Installation of floating cranes for handling the cargo vessels (2.49 MTPA) at VoCPT.

- Construction of Mooring Dolphins at Liquid Cargo Jetty (1.00 MTPA) at JNPT.
- Increase in capacity due to deepening and widening of channel (10.20 MTPA) at JNPT.

Projects completed during April 2015 to January 2016

- Integrated Container handling at Berth No. 10 & 11 (0.20 MTPA) at HDC
- Construction of Green Channel Coastal Berth at VPT (1.50 MTPA) at VPT
- Supply, Operation and Maintenance of 2 Nos Mobile Harbour Cranes of 100 Tones capacity (5.00 MTPA) at ChPT
- Introduction of floating pipeline handling facilities for unloading edible oils from vessels berthed at Berth Nos. 5/6/Off (0.44 MTPA) at HDC.
- Conversion of berth No 8 as Container Terminal (2.23 MTPA Port Capacity) at VOCPT
- Strengthening of Oil Jetty No. 1 (0.78 MTPA) at KPT.
- Upgradation of Barge handling facilities at Bunder Basin (1.00 MTPA Part Capacity) at KPT.
- Installation of 2 Nos shore based unloaders in Coal berth-2 (2.00 MTPA) at KPL.
- Setting up of Riverine Barge Jetty for handling Fly Ash (0.50 MTPA) at HDC.
- Procurement of 1(one) Stacker-cum-Reclaimer for Coal handling at Berth No. 4 (1.50 MTPA additional) at HDC.
- Construction of Second liquid chemical berth for handling chemicals (2.50 MTPA) at MbPT.
- Grant of License for supply, installation of 4 nos. of 100 T HMC for a period of 5 years (3.75 MTPA Part Capacity) at PPT.

Statistics of Employees at Major Ports.



As it may be seen from the above table that though the working strength in terms of manpower of the major ports has shown a downward trend in the past four year, whereas the productivity has shown an upward trend.

Port Sector in News

Sagarmala might attract investment worth Rs. 4 lakh crore

Business Standard – 02.03.2016 – The National Perspective Plan (NPP) has identified over 150 projects for development under the government's ambitious Sagarmala programme. It is expected the projects will mobilize more than Rs. 4 lakh crore of investment in the next 10 years. These projects have been identified across the areas of port modernization, new port development, port connectivity enhancement, port-led industrial development and coastal community development.

Major ports see Rs. 3,456 cr operating profit this fiscal

Financial Express – 04.03.2016 – Major state-owned ports recorded an operating profit of Rs. 3,456.95 crore in the current fiscal up to January and several steps are being taken to modernize them, the government said. Observing that an modernization and upgradation of ports was an ongoing process, Shipping Minister Nitin Gadkari told the Lok Sabha that a total cargo handling target to 644.35 MTPA has been set for 13 ports, including Kandla and Paradip, for the next financial year.

'Kandla Port more efficient than Adani's Mundra port'

Financial Express – 04.03.2016 – Taking a dig at the Opposition for linking Adani group with the government, Union minister Nitin Gadkari said state-owned Kandla port was more efficient than Adani's Mundra port, both of which are in Gujarat.

Gadkari's remarks came during Question Hour in response to TMC member Saugata Roy who mentioned the name of the Adani group when the Minister was replying to supplementaries relating to ports.

Simatech launches coastal container shipping service

Business Line – 04.03.2016 – Simatech Shipping, the Dubai-based container feeder servicing company, has launched its coastal container shipping services in India, connecting the ports of Mundra, Goa, Mangaluru and Kochi. The company has already has a growing presence in the country for its international operations.

3 Mega Port Projects Set to get Cabinet Nod this week

Economic Times – 08.03.2016 – Two mega port projects entailing an initial investment of about Rs. 15,000 cr are likely to get Cabinet's approval this week. The ports are proposed to be built in Colachel in Tamil Nadu and Dahanu in Maharashtra under the public-private partnership or PPP model.

Government eyes Rs. 120 trillion investment from maritime summit

Mint – 10.03.2016 – The government may permit weddings and conferences to take place in Indian territorial waters on board ocean-going vessels, opening up a business opportunity to shipping lines and event organizers.

The plan will be spelt out at the two-day Maritime India Summit (MIS) that will be held next month in Mumbai. The shipping ministry is targeting around Rs. 1.2 trillion in investment from the event.

Gadkari says focus is on creating more jobs in maritime sector

Business Line – 10.03.2016 – Shipping, Road Transport and Highways Minister Nitin Gadkari has said that projects worth Rs. 1,20,000 crore investments in the ports and shipping sector will be showcased before potential investors next month. The Minister said that the focus of the government is on creating more jobs in the maritime sector. He added that one core jobs – 40 lakh direct and 60 lakh indirect – have been identified to be created in 27 port-based industrial clusters, coastal shipping and inland waterways under the Sagarmala project.

12 major ports, three firms to see Rs. 6,000-cr profit: Gadkari

Financial Express – 10.03.2016 – Concerted efforts of the government would result in at least Rs. 6,000-cr cumulative profit for 12 major ports and three flagship bodies of Cochin Shipyard, Shipping Corporation and Dredging Corporation, Union Minister Nitin Gadkari said.

“For the first time, all our 12 major ports and three flagship organizations:- Cochin Shipyard, Shipping Corporation of India and Dredging Corporation of India are poised for over Rs. 6,000 Cr profit this fiscal,” Gadkari, the Minister of Road, Transport, Highways and Shipping, said at the media launch of upcoming Maritime India Summit.

India, Iran to sign Chabahar port contract in Mumbai next month

Business Line – 16.03.2016 – After a prolonged wait, India and Iran are set to ink the final agreement on the development of Iran’s Chabahar port. The agreement, which relates to the phase-I development of the port, will be signed during the Maritime India Summit 2016 slated for April 14-16 in Mumbai.

Maritime summit to focus on coastal, inland shipping

Business Line – 19.03.2016 – The Union Ministry will showcase projects worth \$18 billion in the Maritime India Summit 2016, which would be held from April 14 to 16 in Mumbai. Delegates from 57 countries are expected to attend the event, which is being jointly organized by CII and Ministry.

Vadinar Port also part of stake sale

Economic Times – 21.03.2016 – The Vadinar port and oil terminal – part of the group’s port business but is largely captive of Essar Oil – will also get divested as part of sale, said the people ET spoke to.

By reducing the stake to below 50%, the Rs. 30,000-cr debt of Essar Oil, as well as an additional Rs. 5,000 cr borrowing of the Vadinar port, will be taken on the books of the group and the proceeds raised from the sale of equity will be used to retire debt at the promoter level.

Sagarmala project to help develop furniture clusters near major ports

Business Line – 29.03.2016 – In a major development initiative to pave the way for port-led industrialization, the Shipping Ministry’s ambitious Sagarmala project will focus on developing furniture clusters near major ports.

Port-led industrialisation throughout the world in the past 20 years has helped the furniture manufacturing sector grow and this can be pursued in India to enable the country garner a significant share in the global furniture market.

JNPT to raise Rs. 2,600 crore from DBS, SBI

Mail Today – 31.03.2016 – Jawaharlal Nehru Port Trust (JNPT), which ships more than half of India’s container cargo to raise as much as Rs. 2,600 cr (\$400 million) in dollar-denominated loan from DBS Bank Ltd and State Bank of India (SBI) to help fund a road widening project for faster evacuation of cargo. “We have got very competitive rates from bankers,” said Neeraj Bansal, deputy chairman of JNPT.
