

भारत के मूल पत्तन आंकड़े

BASIC PORT STATISTICS OF INDIA

2015-16



परिवहन अनुसंधान प्रभाग
TRANSPORT RESEARCH WING
पोत परिवहन मंत्रालय
MINISTRY OF SHIPPING
भारत सरकार
GOVERNMENT OF INDIA
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PREFACE

The Transport Research Wing (TRW) of Ministry of Shipping brings out the '**Basic Port Statistics of India**' (BPS) as an annual publication. This is a premier source of information on the port performance in the country covering both Major & Non-Major Ports and provides consistent and comparable time series data in an analytical perspective.

The present issue, Basic Port Statistics of India 2015-16 is divided into three Sections. **Section-I** gives performance of the Indian Port Sector in terms of cargo traffic & performance indicators in the backdrop of India's broad macro performance and global developments. **Section-II** contains key tables presented in Five Parts and; **Section-III** contains the Appendices, which include a brief on the organization of Major Ports and the definitions of terms used in the port sector.

We gratefully acknowledge the co-operation of Major Ports, various State Maritime Boards/State Governments and the Indian Ports Association for providing us with necessary information for inclusion in the publication. The final form of publication owes to the combined and committed efforts put in by the officers and staff of Transport Research Wing.

(Ravikant)

New Delhi
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Abbreviation Used

...	Not Available
-	Nil
ALHW	Andaman & Lakshadweep Harbour Works
ChPT	Chennai Port Trust
Conv.	Conventional
CoPT	Cochin Port Trust
DCI	Dredging Corporation of India
DLB	Dock Labour Board
DWT	Dead Weight Tonnage
EDC	Ethylene Dichloride
FLT	Fork Lift Truck
FO	Furnace Oil
FRM	Fertiliser Raw Material
GAPL	Gujarat Adani Ports Ltd.
GPPL	Gujarat Pipavav Port Ltd.
GRT	Gross Registered Tonnage
HDC	Haldia Dock Complex
HR Coil	Hot Rolled Coil
HSD	High Speed Diesel
ICD	Inland Container Depot
JNPT	Jawahar Lal Nehru Port Trust
KDS	Kolkata Dock System
KoPT	Kolkata Port Trust
KPT	Kandla Port Trust
L	Loaded
LDO	Light Diesel Oil
LH&LS	Light House & Light Ships
LOA	Length Overall
MbPT	Mumbai Port Trust
MoPT	Mormugao Port Trust
MOU	Memorandum of Understanding
MPSO	Minor Ports Survey Organisation
Mech.	Mechanical
Neg./N	Negligible
NMPT	New Mangalore Port Trust
NSICT	Nhava Sheva International Container Terminal
P	Provisional
POL	Petroleum, Oil & Lubricant
PPT	Paradip Port Trust
R&D	Research & Development
RCC	Reinforced Cement Concrete
RMQC	Rail Mounted Quay Crane
Ro-Ro	Roll On-Roll Off
RTG/RTGC	Rubber Tyred Gantry Crane
SKO	Superior Kerosene Oil
SPM	Single Point Mooring
T	Tonnes
TEU	Twenty Tonnes Equivalent Unit
TLT	Top Lift Truck
TPT	Tuticorin Port Trust
UL	Unloaded
VPT	Visakhapatnam Port Trust

SECTION – I

MACRO ECONOMIC DEVELOPMENT AND PERFORMANCE OF INDIAN PORTS - HIGHLIGHTS

Port Sector at a Glance: Macro Indicators

Item	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
1	2	3	4	5	6	7	8
1. No. of Ports (Number)							
Major Port	12	12	12	12	12	12	12
Non-Major Port	187	199	200	200	200	205	205
Total	199	211	212	212	212	217	217
2. Cargo Handled (Million Tonnes)							
Major Port	561.09	570.09	560.19	545.83	555.49	581.34	605.89
Non-Major Port	288.94	315.36	353.74	387.92	416.97	470.89	465.87
Total	850.03	885.45	913.93	933.75	972.46	1052.23	1071.76
3. Containers							
Major ('000 TEUs)	6969	7561	7651	7714	7453	7960	8146
('000 Tonnes)	101287	114158	120276	119866	114672	119441	123168
4. Passenger Traffic ('000 Nos.)							
Major Port	460	344	465	408	368	220	408
Non-Major Port	13523	13535	20974	21645	21485	19434	22006
Total	13983	13879	21439	22053	21852.9	19654	22414
5. Employment ('000 Nos.)							
Major Port	55	53	53	52	45	42	38
Non-Major Port	3	3	3	5	6	4	4
6. Financial Performance - Major Ports (Rs. Million)							
a) Total Revenue	79767	80084	92672	99560	100854	110696	116864
b) Total Expenditure	65173	70431	83299	94446	98566	94588	106117
7. Performance Indicators- Major Ports							
a) Total Cargo Vessels Sailed(Nos.)	22047	22022	21163	19851	19759	19877	21488
b) Av. Turn Round Time (Days)	4.63	5.29	4.56	4.29	3.84	3.89	3.51
c) Av. Pre-berthing Detention (Days)	2.16	2.32	2.05	1.79	1.48	1.61	1.31
On Port Account	0.49	0.5	0.45	0.50	0.27	0.21	0.16
On Non Port Account	1.67	1.82	1.60	1.29	1.21	1.39	1.16
d) Output per ship berth day (Tonnes)	9215	9140	10575	11812	12179	12993	16471
Container	16272	17583	16968	19754	21546	20331	22244
Break-Bulk	1724	1922	1989	2384	2544	2600	3618
Dry Bulk- Mechanical	17044	13114	17740	19125	20713	21188	29139
Conventional	5985	6773	7712	7884	7856	9280	12404
Liquid Bulk	16445	16073	16533	18685	17235	18079	20451

A . GLOBAL ENVIRONMENT & SEA-BORNE TRADE

1. Overview of World Economic Trends Related to Seaborne Trade

1.1 As per the Report of the World Economic Outlook, global growth in 2015 was a modest 3.2 percent, reflecting a pickup in growth in Advanced Economies and Emerging Market and Developing Economies relative to the previous year. Growth picked up in the United States as firms grew more confident about future demand, and inventories started contributing positively to growth (after five quarters of drag). Growth also remained solid in the United Kingdom, where spending proved resilient in the aftermath of the March 2016 referendum in favor of leaving the European Union (Brexit). Activity surprised on the upside in Japan thanks to strong net exports, as well as in euro area countries, such as Germany and Spain, as a result of strong domestic demand.

Economic performance across emerging market and developing economies has remained mixed. Whereas China's growth remained strong, reflecting continued policy support, activity has slowed in India because of the impact of the currency exchange initiative, as well as in Brazil, which has been mired in a deep recession. Activity remained weak in fuel and nonfuel commodity exporters more generally, while geopolitical factors held back growth in parts of the Middle East and Turkey.

1.2 In the World Economic Outlook (WEO) baseline scenario, global growth is projected to decline to 3.1 percent in 2016 from 3.2 percent in 2015. Stronger activity and expectations of more robust global demand, coupled with agreed restrictions on oil supply, have helped commodity prices recover from their troughs in early 2016. Higher commodity prices have provided some relief to commodity exporters and helped lift global headline inflation and reduce deflationary pressures. Financial markets are buoyant and expect continued policy support in China and fiscal expansion and deregulation in the United States. If confidence and market sentiment remain strong, short-term growth could indeed surprise on the upside.

1.3 Although the responsiveness of trade to GDP growth may have moderated over recent years, demand for maritime transport services and seaborne trade volumes continue to be shaped by global economic growth and the need to carry merchandise trade.

1.4 Maritime transport is the backbone of globalization and lies at the heart of cross-border transport networks that support supply chains and enable international trade. An economic sector in its own right that generates employment, income and revenue, transport – including maritime transport – is cross-cutting and permeates other sectors and activities. Maritime transport enables industrial development by supporting manufacturing growth; bringing together consumers and intermediate and capital goods industries; and promoting regional economic and trade integration.

1.5 In 2015, the World Seaborne Trade volumes are estimated to have accounted for over 80 per cent of total world merchandise trade. In 2015 – for the first time in UNCTAD records, the World Seaborne Trade volumes were estimated to have exceeded 10 billion tonnes. However, shipments expanded by 2.1 per cent, a pace notably slower than the historical average and below rates recorded over the last decade, when volumes were lifted by strong import demand from China. Individual performances varied by country and across market segments, with tanker trade performing relatively better than any other sector.

1.6 A key influence on seaborne trade in 2015 was China. Over the last decade, China has contributed the largest shares of import volume growth, particularly in imports of dry bulk commodities, which fell in 2015, for the first time since the Great Recession. Given the rising contribution of the services sector to the GDP of China, along with the contribution of industry and construction, the implications for seaborne trade patterns and volumes are significant.

Table 1 : Developments in International Seaborne Trade				
(Million Tonnes Loaded)				
Year	Oil	Main Bulk#	Other Dry Cargo	Total
2000	2163	1295	2526	5984
2006	2698	1814	3188	7700
2007	2747	1953	3334	8034
2008	2742	2065	3422	8229
2009	2642	2085	3131	7858
2010	2772	2335	3302	8409
2011	2794	2486	3505	8784
2012	2841	2742	3614	9197
2013	2829	2923	3762	9514
2014	2825	2985	4033	9843
2015	2947	2951	4150	10047
# iron ore, grain, coal, bauxite/alumina and phosphate rock				
Source: Review of Maritime Transport,2016,UNCTAD				

1.7 In 2015, dry cargo shipments accounted for 70.7 per cent of total seaborne trade volumes, while the remaining share was made up of tanker trade, including crude oil, petroleum products and gas (**Table 1**). Also in 2015, volumes increased by 1.6 per cent, down from 4.1 per cent in 2014. Growth in world seaborne trade by tonne–miles – providing a more accurate measure of demand for ship-carrying capacity, as it takes into account distances travelled – also decelerated; world seaborne trade totaled an estimated 53.6 billion ton–miles, up from an estimated 52.7 billion tonne–miles in 2014. While there are reports of some increases in ship-operating speeds in the tanker sector, overall, the shipping industry seems committed to slow steaming as a way of managing excess capacity and, in view of the design of eco-ships, optimizing for lower speeds.

1.8 Developing countries continued to contribute larger shares to the total volumes of international seaborne trade. Their contribution with regard to global goods loaded is estimated at 60 per cent, and their import demand as measured by the volume of goods unloaded increased, reaching 62 per cent. Developing countries remained key world importers and exporters in 2015 and have consolidated their position as suppliers of raw materials, while also strengthening their position as large sources of consumer demand and main players in globalized manufacturing processes.

1.9 Over the past four decades, a compositional shift has occurred in seaborne trade reflecting, among others, the effects of globalized manufacturing processes, longer supply chains and the expanding energy and industrial commodity needs of developing countries, as well as their growing requirements for consumer goods and processed products. With regard to regional influence, in 2015, Asia continued to dominate as the main loading and unloading area. The Americas surpassed Europe, Africa and Oceania with regard to goods loaded, while Europe received larger volumes of goods unloaded, followed by the Americas, Africa and Oceania.

2. Seaborne Trade by Cargo Type

(a) Tanker Trade

(i) Crude Oil

2.1 In 2015, oil remained the leading fuel, accounting for one third of global energy consumption. Global oil consumption was supported by demand among members of the Organization for Economic Cooperation and Development, in particular the United States and the European Union, and also partly sustained by China and India, where oil consumption expanded by 6.3 per cent and 8.1 per cent, respectively (British Petroleum, 2016). Global oil production expanded at a faster pace, resulting in continued downward pressure on oil prices. Underpinned by these developments, global crude oil trade reversed the 2014 trend and expanded by 3.8 per cent in 2015, with total volumes reaching an estimated 1.77 billion tonnes.

Global seaborne oil trade expanded faster than underlying oil demand, suggesting that end-user oil demand was not the only factor at play. Ample oil supply, low oil price levels, additions to refinery capacity, improved refinery margins and stock-building activity all contributed to the rise in crude oil volumes, which in turn led to infrastructure bottlenecks, delays and greater demand for oil storage. Lower oil prices and improved refinery margins supported imports into Europe, as well as shipments within the region and from both Western Africa and Western Asia. Crude oil imports into China accounted for about half the growth, as volumes increased by an estimated 9.3 percent (Clarksons Research, 2016). Together, growing refinery throughput in China, the need to fill the country's strategic petroleum reserve and liberalization of the market, allowing a number of independent refineries to either import crude oil or refine imported volumes, boosted China's oil demand and crude oil imports. India – the third largest importer of crude oil after the United States and China – increased its imports, while

increasingly diversifying sources of supply, including Latin America and Western Africa (Tusiani, 2016).

(ii) Refined Petroleum Products

2.2 Trade in petroleum products and gas increased by 5.1 per cent in 2015, reaching a total volume of 1.17 billion tonnes. However, estimates, for example by Clarksons Research, indicate that trade increased in petroleum products by 6.2 per cent, to above 1 billion tonnes, and in gas by 3.5 per cent, to 328 million tonnes. Import demand in Asia, as well as strong demand in Australia resulting from the closure of some refineries in 2014 and 2015, helped support trade. Import growth was also fuelled by strong import demand in India, driven largely by the removal of diesel subsidies in late 2014. Imports in Europe also increased on the back of lower oil price levels, which supported growth in refinery throughputs and intra- European trade. In parallel, and in addition to end-user demand, lower oil price levels triggered greater trading activity and generated arbitrage opportunities, further supporting trade in petroleum products. With regard to cargo types, strong demand for gas and transportation fuels, as well as storage activity with regard to diesel, supported demand for petroleum products. With regard to supply, increased refinery throughput resulting from the availability of domestic crude oil boosted export volumes from the United States, while growing refinery capacity in Western Asia, in particular in Saudi Arabia, supported export volumes from the region.

(iii) Natural Gas and liquefied gases

2.3 Global natural gas trade carried by sea in liquefied form, which accounted for nearly one third of world natural gas trade in 2015, expanded by 1.6 per cent, down from 2.5 per cent in 2014. Total volumes reached 338.3 billion cubic metres (British Petroleum, 2016). Export growth was driven by growing shipments from Australia, Indonesia, Malaysia, Papua New Guinea and Qatar, among others. Rising import demand in Europe and Western Asia helped partly offset volume declines in some key liquid natural gas importing countries such as Japan. The largest importer, Japan reduced its imports, possibly owing to a mild winter, reduced coal prices and the restart of two nuclear reactors in 2015 (World Nuclear Association, 2016).

The Republic of Korea, the second largest importer, also reduced its imports by 15 per cent (British Petroleum, 2016). Imports into China fell by 3.3 per cent due to the economic

slowdown, a mild winter and expansion of the country's domestic gas production. In addition, although starting from a low base, liquefied natural gas imports to the United States increased by over 50 per cent, while exports increased eightfold (British Petroleum, 2016). In 2015, the high cost of onshore import facilities resulted in the use of alternative and new solutions, including the use of re-gasification equipment on board ships, liquid natural gas re-gasification carriers as mobile import terminals and floating storage and re-gasification units (Clarksons Research, 2016). In July 2015, 19 countries were reported to be exporting liquid natural gas, and 16 countries are reported to have started importing liquid natural gas over the past 10 years (Clarksons Research, 2015). Trade in liquefied petroleum gas, which competes with naphtha for use as a feedstock in the petrochemical sector, is estimated to have expanded by 8.3 per cent in 2015, owing to continued export growth in the United States and rising demand in the petrochemical and household sectors in Asia, notably in China and India.

(b) Dry Cargo Trade: Major and minor dry bulk commodities and other dry cargo

2.4 In 2015, global dry bulk shipments contracted by 0.2 per cent, and their volume was estimated at 4.8 billion tons. In contrast to the average annual growth of 7 per cent in recent years, dry bulk trade contracted due to the 1.3 per cent decline in trade in the five major dry bulk commodities (iron ore, coal, grain, bauxite and alumina and phosphate rock). In 2015, shipments of the five major bulk commodities totalled 2.95 billion tons. In less than 15 years, China's import volumes increased nearly sevenfold, from 319 million tons in 2000 to 2.1 billion tons in 2015.

The concentrated growth, both in China and in two key commodities – iron ore and coal – heightened the vulnerability of shipping and seaborne trade to fluctuations affecting demand and to developments in China's economy. This became evident in 2015, when China's steel output, which accounted for nearly half of global output, declined (by 2.3 per cent) for the first time since 1981 (World Steel Association, 2016). Reduced steel production in China compressed the Country's demand for imports of iron ore, as well as other related commodities and metals.

(i) Coal shipments

2.5 In 2015, for the first time in about three decades, world seaborne coal (steam and coking) shipments fell, by 6.9 per cent, and total volumes fell to 1.13 billion tons, with a division of 78

and 22 per cent, respectively, between steam and coking coal. Steam coal exports are estimated to have dropped by 7.5 per cent to 881 million tons, while coking coal shipments are estimated to have dropped by 5.3 per cent to 248 million tons, owing mainly to contraction in China's coal imports (-31.4 per cent), in particular steam coal. This contraction was caused by the slowdown in China's economic growth, restrictions on low-quality coal imports and air pollution control measures introduced in China.

After overtaking China as the World's leading steam coal importer in mid-2015, India saw its steam coal imports decline by 3.2 per cent due to reduced power demand and growing domestic output. Meanwhile, India's coking coal imports increased by 8.9 per cent, stimulated by infrastructure development and manufacturing activity. In Europe, the Large Combustion Plant Directive of the European Union, which aims to reduce carbon emissions, constrained the region's coal imports, resulting in steam and coking coal imports falling by 9.6 per cent and 6.2 per cent, respectively. In Japan, falling steel output was a drag on coking coal imports, with volumes falling by 4.5 per cent in 2015.

With regard to exports, in 2015, Australian shipments to China fell by 35 per cent, as China began to make greater use of domestic coal, renewable and uranium (Catlin, 2015). Other exporters, including Indonesia and South Africa, and in North America, remain vulnerable to developments in China's economy, as well as the potential for India to increase domestic production, which may offset its coal import requirements.

(ii) Iron ore shipments

2.6 Following strong expansion (12.6 per cent) in 2014, world seaborne iron ore trade is estimated to have grown by 1.9 per cent in 2015, the slowest pace since 1999. Seaborne iron ore shipments totalled 1.36 billion tons, with import volumes into China – accounting for over two thirds of world iron ore imports – increasing by 2.8 per cent, a slower pace than the 15 per cent expansion in 2014. The slowdown was partly due to reduced steel production and to reliance on existing stocks. With regard to supply, in 2015, major iron ore exporters, namely, Australia and Brazil – accounting for over 80 per cent of the global iron ore market – continued production and increased their global shipments.

(iii) Dry cargo: Minor bulks

2.7 In 2015, trade in minor bulk commodities increased at an estimated 0.4 per cent, with total volumes reaching 1.74 billion tons. Manufactures (steel products and forest products) accounted for 43.0 per cent of the total, followed by metals and minerals (37.1 per cent) and agribulks 19.9 per cent). While shipments of manufactures and agribulks increased, by 1.9 per cent and 2.9 per cent, respectively, shipments of metals and minerals declined, by 2.4 per cent. Growth in manufactures reflected the increase in steel production in China and exports to China, and the weakened domestic demand for steel. Protectionist measures in some importing countries such as India and in the European Union may have affected exports of steel products from China. Exports of metals and minerals fell as nickel ore volumes dropped (-21.4 per cent), and the effect of the export ban imposed on nickel ore from Indonesia in January 2014 continued to be felt. With regard to imports, demand from China weakened with the reduction in stainless steel consumption and the introduction of pollution control measures.

(iv) Other dry cargo: Containerized trade

2.8 In 2015, total containerized trade across the mainline East–West, secondary East–West, intraregional, South–South and North–South routes recorded a significant slowdown, with volumes increasing by 2.4 per cent to reach 175 million TEUs. Three main factors combined to limit containerized trade growth, namely, the decline in volumes on the headhaul of the Eastern Asia–Europe trade route; the limited growth of North–South trade, owing to the impact of low commodity prices on the terms of trade and purchasing power of commodity exporting countries; and the pressure on intra-Asian trade resulting from the slowdown in China.

Intraregional container trade expanded at an estimated 3.1 per cent in 2015. Intra-Asian trade –accounting for over two thirds of the total – expanded by 2.9 per cent, down from 6 per cent in 2014. The deceleration reflected the situation in China and the decline in imports in other economies in Asia, such as Indonesia and Japan. Intra-Asian trade continued to be supported, however, by the relocation of manufacturing centers from China to other areas in Asia and by increased imports to the Philippines, the Republic of Korea and Viet Nam, as well as by robust growth on the Asia–South Asia route (Clarksons Research, 2016g). Overall, in 2015, Containerized Trade continued to face the upsizing of container ships. The average ship size in

the global fleet increased at a cumulative annual growth rate of 1.9 per cent in 2001–2009 and 18.2 per cent in 2010–2015 (Davidson, 2016).

3. Indian Economy and India’s Maritime Trade

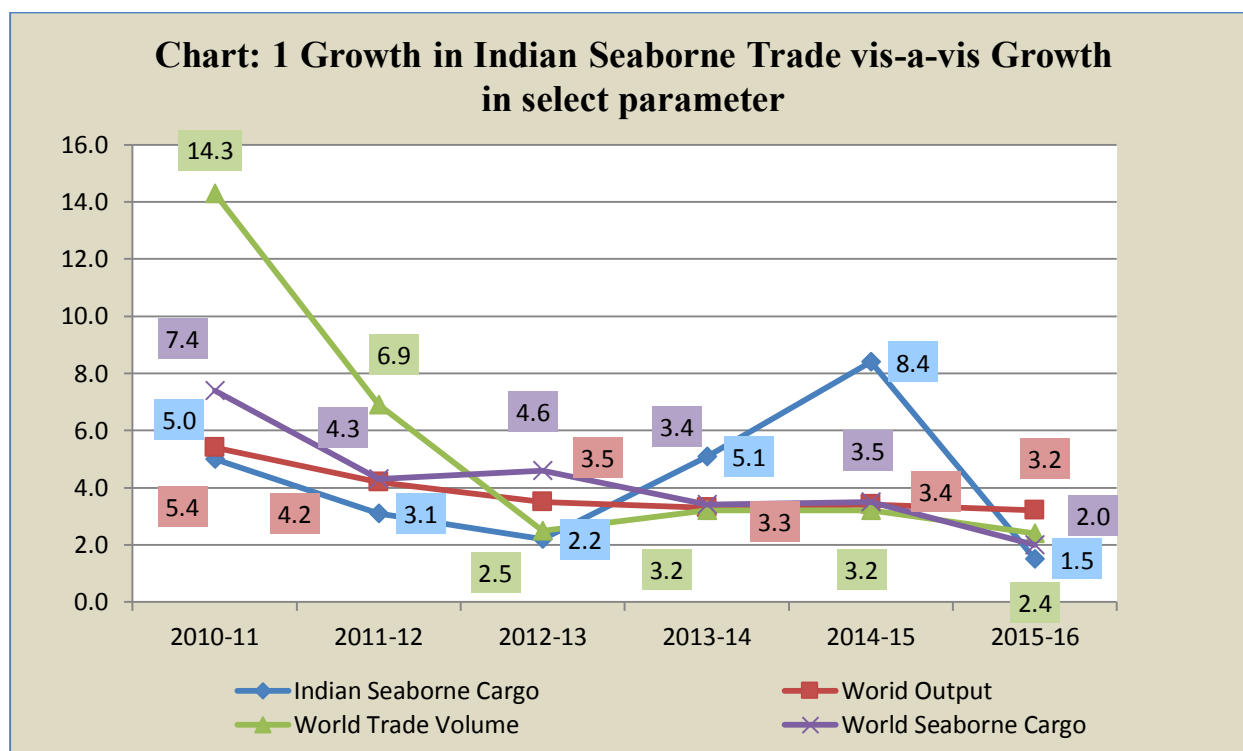
3.1 India’s Gross Domestic Product (GDP) grew by 7.6 per cent in 2015-16 compared to 7.2% in 2014-15, powered by a rebound in farm output, and an improvement in electricity generation and mining production in the fourth quarter of the fiscal. The growth numbers for the last fiscal which reinforces India’s position as the world’s fastest –growing large economy, came on the back of a strong 7.9 per cent growth in the last quarter of the fiscal at a time when China has reported a 6.7 per cent GDP growth in the March quarter – its slowest growth in about seven years. The Economic Survey, 2016 has projected a wide band of 7 - 7.75 per cent growth in 2016-17, boosted by normal monsoon projection. It had, however, cautioned that with the global slowdown likely to persist, chances of India’s growth rate in 2016-17 increasing significantly beyond 2015-16 levels were not very high.

India’s economy has witnessed a significant economic growth in the recent past, the Gross Value Added (GVA) at Basic Price growing by 7.2% per cent in FY 2015-16 as against 6.1% percent in FY 2014-15.

India’s maritime trade comprises of export-import trade in various bulk and non-bulk commodities. Over the last decade, there has been a steady increase in handling of cargo traffic at Indian ports. India’s export growth has shown vigour and vitality over the last few years. To sustain the momentum of exports and improve competitiveness the country would need adequate and efficient infrastructure in terms of ports and maritime services. **Table 2** gives the growth of cargo at Indian ports and related parameters of Indian and world trade.

Table 2: Growth in Cargo handled at Indian Ports and related parameters (in %)						
Parameters	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
Trends in India's Select : Macro Parameters						
IA. Total Cargo	4.2	3.2	2.2	4.1	8.2	1.9
(a) Major Ports	1.6	-1.7	-2.6	1.8	4.7	4.2
(b) Non Major Ports	9.1	12.2	9.7	7.5	12.9	-1.1
IB. Indian Seaborne (Overseas) Trade	5.0	3.1	2.2	5.1	8.4	1.5
(a) Goods Loaded	3.7	-8.6	-12.9	2.5	-6.4	-1.6
(b) Goods Unloaded	5.7	9.5	9.2	6.0	13.7	2.4
II. GVA overall	n.a	n.a	5.4	6.3	6.1	7.2
(a) Agriculture	n.a	n.a	1.5	4.2	0.3	1.2
(b) Industry	n.a	n.a	3.6	5.0	4.5	7.4
(c) Services	n.a	n.a	8.1	7.8	9.0	8.9
III. Foreign Trade						
(a) Export in \$ value	40.5	21.8	-1.8	4.9	-1.5	-15.8
(b) Import in \$ value	28.2	32.3	0.3	-8.3	-0.3	-15.3
Trends in Select Global Indicators						
IV. World Output	5.4	4.2	3.5	3.3	3.4	3.2
(a) Advanced Economies	3.1	1.7	1.2	1.2	1.9	2.1
(b) Developing Economies	7.5	6.3	5.3	5.0	4.6	4.0
V. World Economic Growth	4.1	2.8	2.2	2.2	2.5	2.5
(a) Advanced Economies	2.6	1.4	1.1	1.1	1.7	2.0
(b) Developing Economies	7.9	6.0	4.7	4.6	4.4	3.9
(c) Transition Economies	4.5	4.7	3.3	2.0	0.9	-2.8
VI. World Trade Volume (Goods)	14.3	6.9	2.5	3.2	3.2	2.4
VII. Export Volume growth (Goods)						
(a) Advanced Economies	14.7	6.0	1.9	2.6	3.4	3.4
(b) Developing Economies	15.0	8.1	4.2	4.3	2.8	1.1
VIII. Import Volume (Goods)						
(a) Advanced Economies	13.0	5.3	0.4	1.9	3.5	3.9
(b) Developing Economies	15.1	10.3	5.3	5.0	2.8	-0.2
IX. World Seaborne Trade*	7.4	4.3	4.6	3.4	3.5	2.0
(a) Goods Loaded	7.0	4.5	4.7	3.4	3.5	2.1
(b) Goods Unloaded	7.8	4.2	4.4	3.4	3.5	2.0
I. Based on data from Major Ports and Non Major Ports						
II. Figures - 2014-15 onwards based on Press Release of Gross Value Added (GVA) at Factor Cost (2011-12 Prices), Central Statistical Office, dated 30.11.2016. Comparable figures for the back series are not available.						
III. Based on Department of Commerce, DGCI&S and RBI Bulletin						
IV,VI, VII & VIII Based on World Economic Outlook, October ,2016, IMF;						
V & IX. Based on Review of Maritime Transport, 2016 (November), UNCTAD						
Note : MT: Million Tonnes; For item Nos IV, V,VI, VII & VIII year 2009-10 refers to calendar year 2009 and so on; F refers to forecast for 2015 and f refers to forecast for the year 2016;						
* growth in total goods loaded plus unloaded; NA ; Not Available (P) Provisional						

Port traffic and growth in World output, export volume and seaborne trade (loaded + unloaded) since 2010-11 is given in Chart I.



Source: Indian Seaborne Cargo-Major and Non-major ports
 World Output and World Trade Volume- World Economic Outlook, October 2016, IMF
 World Seaborne Cargo- Review of Maritime Transport, November, 2016, UNCTAD

4. Trends in India's Overseas Trade

4.1 During 2015-16, the total overseas cargo handled at Indian ports was placed at 892.56 million tonnes. Indian Overseas trade registered a growth of 1.5% in 2015-16 over 2014-15. However, goods loaded trade registered negative growth of 1.6% in 2015-16 over 2014-15 while goods unloaded registered positive growth of 2.4%. Trend in Indian Overseas trade since 2010-11 is presented in Table 2A below.

	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
Goods Loaded	3.7	-8.6	-12.9	2.5	-6.4	-1.6
Goods Unloaded	5.7	9.5	9.2	6.0	13.7	2.4
Total Loaded +Unloaded	5.0	3.1	2.2	5.1	8.4	1.5

4.2 The share of Indian Flag vessels in carrying total overseas cargo during 2014-15 and 2015-16 is summarized in **Table 2B**.

Table 2B : India's Overseas Cargo and share of Cargo carried by Indian Flag Vessels during 2014-15 & 2015-16				
(In Million Tonnes)				
Type of Cargo	2014-15		2015-16	
	Total Overseas Cargo	Share of Indian Lines	Total Overseas Cargo	Share of Indian Lines
Break Bulk	58.92	6.06 (10.3)	60.53	4.66 (7.7)
Container	160.76	1.78 (1.1)	167.04	1.33 (0.8)
Dry Bulk Cargo	352.97	28.20 (7.9)	329.82	30.26 (9.2)
Liquid Bulk Cargo	306.92	29.51 (9.6)	335.17	33.91 (10.1)
Total	879.56	65.54 (7.5)	892.56	70.15 (7.9)
Figures in parenthesis indicate the percentage share of Indian vessels in respective cargo categories. Source: Major & Non-Major Ports				

4.3 It is observed that the share of overseas cargo carried by Indian flag vessels varies across different categories of cargo. At an aggregate level, Indian Flag Vessels carried 7.9% of the country's overseas cargo during 2015-16 as against 7.5% in 2014-15.

B. AN OVERVIEW OF PERFORMANCE OF INDIAN PORTS

5. Composition of India's Seaborne Trade

5.1 The total cargo handled at Indian Ports (major and non-major) increased to 1071.76 million tonnes in 2015-16 from 1052.23 million tonnes in 2014-15 reflecting an increase of 1.86% during 2015-16. India's major ports handled more than 56% of the cargo handled at Indian ports. The growth profile of cargo throughput at India's major and minor ports in terms of their coastal and overseas trade during 2013-14 to 2015-16 is given in the Table: 3.

Port	2013-14			2014-15			2015-16		
	OT	CT	TT	OT	CT	TT	OT	CT	TT
Major	0.46	7.15	1.77	4.77	4.20	4.66	4.08	4.76	4.22
Non Major	11.22	-15.08	7.49	12.81	13.90	12.93	-1.40	1.60	-1.06
All Ports	5.10	-0.40	4.14	8.44	7.01	8.20	1.48	3.78	1.86

Note: OT - overseas cargo traffic; CT - Coastal cargo traffic; TT - Total cargo traffic

5.2 The period 2000-01 to 2015-16 saw compound annual growth rate (CAGR) of 7.38% in total cargo throughput at Indian ports. During this period, the compound annual growth of 11.80% in Cargo handled at non-major ports was about 2 times the growth in cargo traffic at major ports of 5.25%. However, the growth in cargo handled by major port during 2015-16 was increased by 4.22% but non-major port cargo handled was decreased by 1.06% respectively. The growth in cargo handled during 2015-16 by all Ports was increased by 1.86% while the growth in cargo handled during 2014-15 was 8.20%.

5.3 Commodity-wise traffic handled, in respect of principal commodities, by all the ports (major & non-major) in India during the last few years are presented in **Table 4**.

Table 4 : Commodity-wise Traffic Handled by All Ports							
(Million Tonnes)							
Year	Commodity-wise Traffic						
	POL (Crude & Products)	Iron Ore	Building materials	Coal	Fertilizer Raw Material	Other Cargo	Total
2003-04	182.26	76.19	13.33	64.75	15.08	112.05	463.66
2004-05	194.21 (6.55)	97.60 (28.09)	16.13 (21.01)	74.17 (14.55)	18.43 (22.17)	122.19 (9.05)	522.72 (12.74)
2005-06	211.82 (9.07)	108.06 (10.72)	13.39 (-16.97)	82.39 (11.09)	22.91 (24.36)	135.11 (10.58)	573.69 (9.75)
2006-07	227.08 (7.20)	114.56 (6.02)	14.39 (7.44)	78.65 (-4.54)	25.89 (12.97)	188.14 (39.25)	648.70 (13.08)
2007-08	258.47 (13.82)	126.52 (10.44)	16.26 (13.02)	84.11 (6.94)	25.39 (-1.91)	214.94 (14.24)	725.69 (11.87)
2008-09	272.02 (5.24)	128.53 (1.59)	13.26 (-18.48)	98.38 (16.97)	27.13 (6.86)	204.70 (-4.76)	744.03 (2.53)
2009-10	312.58 (14.91)	149.71 (16.47)	13.14 (-0.88)	113.06 (14.92)	27.23 (0.37)	218.58 (6.78)	834.30 (12.13)
2010-11	325.26 (4.06)	125.95 (-15.87)	12.33 (-6.20)	133.61 (18.17)	33.52 (23.10)	254.77 (16.56)	885.44 (6.13)
2011-12	330.17 (1.51)	91.34 (-27.48)	12.87 (4.37)	157.82 (18.12)	36.15 (7.82)	285.60 (12.10)	913.93 (3.22)
2012-13	349.29 (5.79)	49.14 (-46.19)	11.95 (-7.10)	196.07 (24.24)	27.35 (-24.35)	299.95 (5.03)	933.75 (2.17)
2013-14	350.28 (0.28)	41.38 (-15.81)	14.18 (18.61)	219.43 (11.92)	25.79 (-5.68)	321.40 (7.15)	972.46 (4.15)
2014-15	333.94 (-4.67)	43.02 (3.98)	14.22 (0.32)	275.10 (25.37)	30.35 (17.67)	355.60 (10.64)	1052.22 (8.20)
2015-16	367.00 (9.90)	32.70 (-24.00)	14.17 (-0.36)	275.93 (0.30)	32.97 (8.63)	348.99 (-1.86)	1071.76 (1.86)

Note: Figures in brackets indicate the year-on-year growth rate; FRM: Fertilizer raw materials.

5.4 The commodity composition of the total traffic at Indian Ports has shown marginal changes over the years. POL & its products continue to be the single largest commodity handled by the ports, constituting 34.2% of the total seaborne traffic followed by Coal (25.7%), FRM (3.08) and Iron ore (3.05%) in 2015-16. The growth of total commodity traffic handled during

2014-15 was 8.20 and it decreases to 1.86 in 2015-16. General cargo comprising of container cargo and break bulk constituted 23.2% of the cargo.

6. India's Port Infrastructure

6.1 Ports are economic and service provision units of a remarkable importance since they act as a place for the interchange of two transport modes, maritime and land, whether by rail or road. Therefore, the essential aspect of ports lies in their intermodal nature. India has a coast-line of around 7517 Kms with 12 major ports and 205 notified non-major ports along the coast-line and sea-islands.

6.2 The share of major maritime States of India in cargo handled is given in **Table 5**.

Name of the State	Major Ports	Non-Major Ports	Total
1. Gujarat	99.46	339.78	439.24
2. Maharashtra	125.15	28.85	154.00
3. Goa	20.78	0.43	21.21
4. Karnataka	35.58	0.84	36.42
5. Kerala	22.09	0.14	22.24
6. Tamil Nadu	119.11	0.86	119.97
7. Andhra Pradesh	57.03	72.73	129.77
8. Orissa	76.40	14.95	91.35
9. West Bengal	50.29	0.00	50.29
10. Others(a)	0.00	7.30	7.30
TOTAL	605.89	465.87	1071.76

6.3 Amongst the States, Gujarat has emerged as the premier maritime State in terms of port traffic and accounted for 40.9% of the total cargo handled at Indian ports. It is also noteworthy that about 77% of the cargo handled by non-major ports pertains to the State of Gujarat. In terms of total port traffic, Gujarat is followed by Maharashtra, Andhra Pradesh and Tamil Nadu with their respective shares of 14.4%, 12.1% and 11.2% respectively in India's total seaborne traffic.

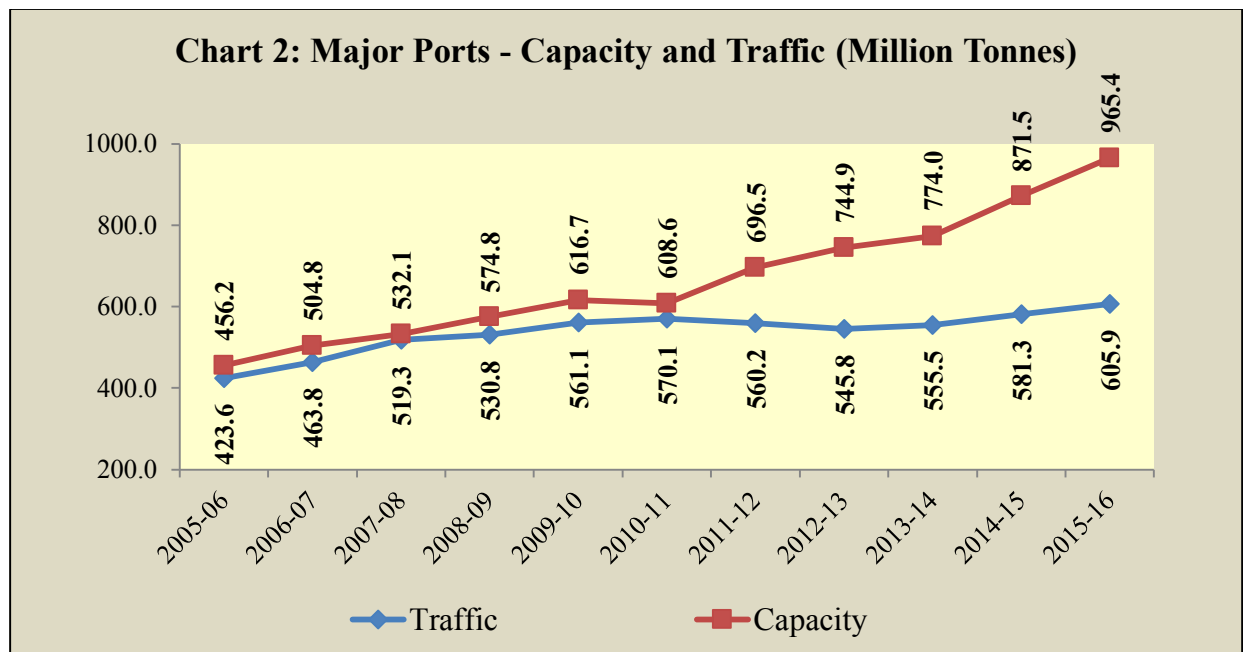
C . PERFORMANCE OF MAJOR PORTS

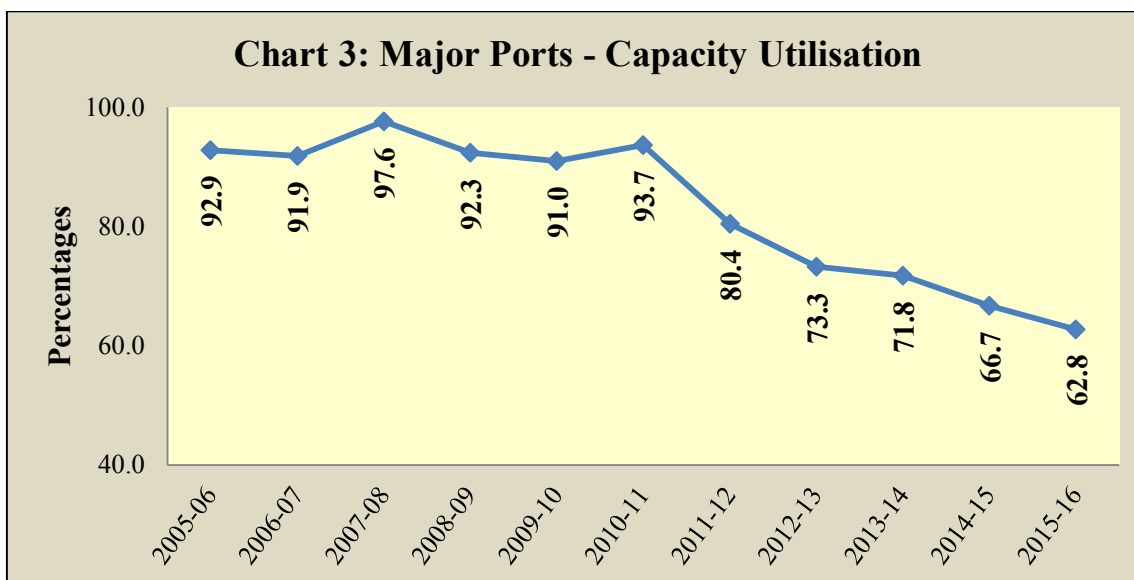
7. CARGO TRAFFIC HANDLED

7.1 The twelve major ports in India handled about 57% of the maritime cargo traffic of the country in 2015-16. Traffic handled at the major ports has been increasing over the years except in 2012-13 tandem with the economic activity and volume of trade turnover. The total traffic handled by the major ports has recorded more than threefold increase from 215.21 million tonnes in 1995-96 to 605.89 million tonnes in 2015-16 (**Chart 2**).

7.2 Cargo handling capacity at major ports has also risen with traffic. The capacity which was placed at 174.0 million tonnes at the end of 1994-95 has increased to a level of 965.36 million tonnes at the end of 2015-16.

7.3 The capacity addition and the productivity improvements achieved by the major ports coupled with growing participation of Private Sector in cargo handling have had a favourable impact on efficiency of cargo handling operations at India's major ports. The capacity utilization which was 112.6 % in 1994-95, remained above 100% thereafter till 1999-2000. The capacity utilization at Major ports from 2005-06 to 2015-16 is presented in **Chart-3**.





8. MAJOR PORTS: CARGO TRAFFIC IN TERMS OF OVERSEAS AND COASTAL TRAFFIC

8.1 The overseas and coastal cargo handled during 2015-16 by major ports was of the order of 480.72 million tonnes and 125.17 million tonnes respectively. The Overseas Cargo traffic handled at Major Port increased by 4.1% in 2015-16 compared to 2014-15 and the Coastal cargo traffic growth was 4.8% in 2015-16.

8.2 The Cargo traffic in terms of coastal and overseas categories at Major Ports in 2015-16 is given in Table 6. Amongst the major ports, Kandla Port accounted for the highest share of 16.4% in the total cargo traffic at all major ports during 2015-16 followed by Paradip, J. L. Nehru, Mumbai, Vishakhapatnam, Chennai, Chidambaranar, NMPT and Kamarajar. The cargo traffic at Cochin, Kolkata Dock System (KDS) and Mormugao had a share of less than 5% each during the same period. The Cargo traffic at all the Ports was overwhelmingly outward oriented with overseas cargo accounting for the larger share in the total cargo handled at the port.

8.3 Port-wise analysis of the traffic growth indicates that Mormugao port recorded highest year on year growth of 41.2% during 2015-16 followed by Chidambaranar (13.7%), KDS (9.8%), HDC (8.1%), Paradip (7.6%), Kandla (7.5%) and Kamarajar (6.5%). Other major ports like

Chennai (-4.7%), NMPT (-2.7), Vishakhapatnam (-1.7%) and Mumbai (-0.9%) recorded a negative growth and other major port has recorded of less than 5% growth during 2015-16.

Table 6 : Major Port wise-share of cargo handled						
Port	(Million Tonnes)					
	2014-15			2015-16		
	Overseas	Coastal	Total	Overseas	Coastal	Total
Kolkata Dock System	13.91 (3.01)	1.37 (1.15)	15.28 (2.63)	15.51 (3.23)	1.27 (1.02)	16.78 (2.77)
Haldia Dock Complex	24.90 (5.39)	6.11 (5.12)	31.01 (5.33)	27.47 (5.72)	6.03 (4.82)	33.51 (5.53)
Paradip	46.08 (9.98)	24.93 (20.87)	71.01 (12.22)	47.46 (9.87)	28.94 (23.12)	76.40 (12.61)
Visakhapatnam	43.41 (9.40)	14.60 (12.22)	58.00 (9.98)	42.32 (8.80)	14.71 (11.75)	57.03 (9.41)
Chennai	49.25 (10.66)	3.30 (2.76)	52.54 (9.04)	45.56 (9.48)	4.50 (3.59)	50.06 (8.26)
Ennore	16.51 (3.57)	13.74 (11.50)	30.25 (5.20)	14.96 (3.11)	17.24 (13.78)	32.21 (5.32)
Tuticorin	26.46 (5.73)	5.95 (4.98)	32.41 (5.58)	29.47 (6.13)	7.38 (5.89)	36.85 (6.08)
Cochin	14.73 (3.19)	6.86 (5.74)	21.60 (3.71)	14.77 (3.07)	7.33 (5.85)	22.09 (3.65)
New Mangalore	31.67 (6.86)	4.90 (4.10)	36.57 (6.29)	30.44 (6.33)	5.15 (4.11)	35.58 (5.87)
Mormugao	13.49 (2.92)	1.22 (1.02)	14.71 (2.53)	19.68 (4.09)	1.10 (0.88)	20.78 (3.43)
J. L. Nehru	60.47 (13.09)	3.33 (2.79)	63.80 (10.97)	60.35 (12.55)	3.68 (2.94)	64.03 (10.57)
Mumbai	37.7 (8.16)	23.96 (20.06)	61.66 (10.61)	41.936 (8.72)	19.183 (15.33)	61.119 (10.09)
Kandla	83.30 (18.03)	9.20 (7.70)	92.50 (15.91)	90.81 (18.89)	8.65 (6.91)	99.46 (16.42)
Total	461.87 (100.00)	119.47 (100.00)	581.34 (100.00)	480.72 (100.00)	125.17 (100.00)	605.89 (100.00)

The figures in parenthesis indicate percent share of the port in total traffic in respective traffic categories at major ports

9. COMMODITY-WISE TRAFFIC

9.1 Commodity-wise break-up of traffic handled at the major ports in India during 2003-04 through 2015-16 is given in **Table 7**.

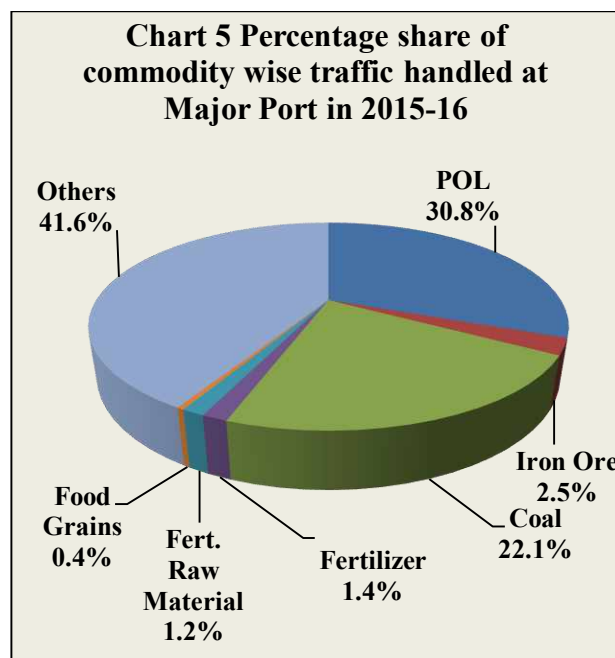
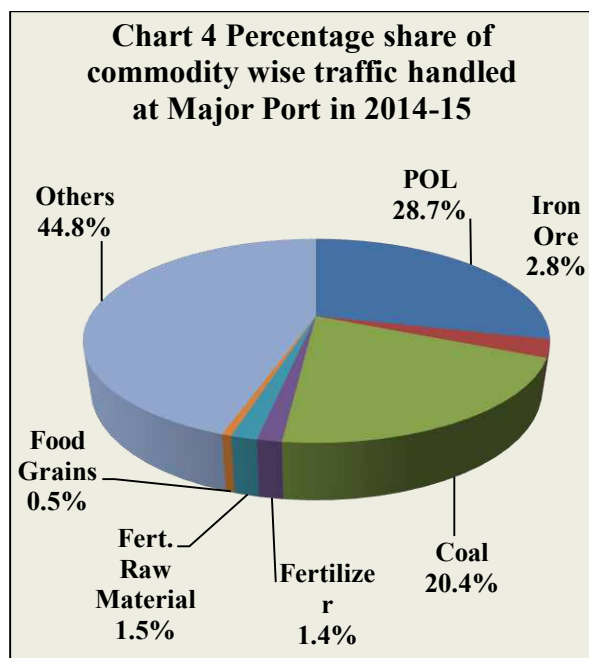
Table 7: Commodity-wise Cargo Traffic Handled at Major Ports								(Million Tonnes)
Year	POL (Crude & Products)	Fertilizer	Fertilizer Raw Material Dry	Iron Ore	Coal*	Food- grains	Other Cargo	Total
2004-05	126.44 (3.50)	3.85 (34.62)	10.67 (19.35)	76.2 (29.48)	60.65 (10.47)	3.84 (43.86)	102.11 (13.14)	383.76 (11.30)
2005-06	142.09 (12.38)	6.62 (71.95)	10.68 (0.09)	79.22 (3.96)	68.83 (13.49)	2.13 (-44.53)	114 (11.64)	423.57 (10.37)
2006-07	145.88 (2.67)	7.93 (19.79)	11.14 (4.31)	80.58 (1.72)	64.63 (-6.10)	4.93 (131.46)	148.69 (30.43)	463.78 (9.49)
2007-08	167.44 (14.78)	11.87 (49.68)	6.41 (-42.46)	92.3 (14.54)	68.67 (6.25)	2.99 (-39.35)	169.65 (14.10)	519.33 (11.98)
2008-09	174.2 (4.04)	12.17 (2.53)	6.11 (-4.68)	92.67 (0.40)	76.93 (12.03)	2.4 (-19.73)	166.33 (-1.96)	530.81 (2.21)
2009-10	174.86 (0.38)	10.94 (-10.11)	6.79 (11.13)	100.89 (8.87)	71.79 (-6.68)	1.2 (-50.00)	178.9 (7.56)	545.37 (2.74)
2010-11	179.88 (2.87)	12.37 (13.07)	8.43 (24.15)	87.69 (-13.08)	75.15 (4.68)	1.92 (60.00)	204.65 (14.39)	570.09 (4.53)
2011-12	173.85 (-3.35)	12.22 (-1.21)	8.18 (-2.97)	60.72 (-30.76)	78.78 (4.83)	3.28 (70.83)	223.16 (9.04)	560.19 (-1.74)
2012-13	180.73 (3.96)	7.47 (-38.87)	7.33 (-10.39)	27.29 (-55.06)	86.8 (10.18)	6.6 (101.22)	229.61 (2.89)	545.83 (-2.56)
2013-14	181.06 (0.18)	6.15 (-17.67)	7.64 (4.23)	24.62 (-9.78)	104.27 (20.13)	4.79 (-27.42)	226.96 (-1.15)	555.49 (1.77)
2014-15	181.02 (-0.02)	7.93 (28.88)	8.36 (9.42)	18.00 (-26.88)	119.47 (14.58)	3.09 (-35.51)	243.46 (7.27)	581.331 (4.65)
2015-16	186.36 (2.95)	8.49 (7.15)	7.53 (-9.93)	15.32 (-14.93)	134.06 (12.21)	2.37 (-23.18)	251.76 (3.41)	605.89 (4.22)

Note: Figures in parenthesis indicate growth over the previous year.
*Thermal Coal & Coking Coal

9.2 Highest year-on-year growth in traffic during 2015-16, among the principal commodities, is seen in the case of Coal (12.2%) followed by Traffic growth for Fertilizer (7.15%), other cargo

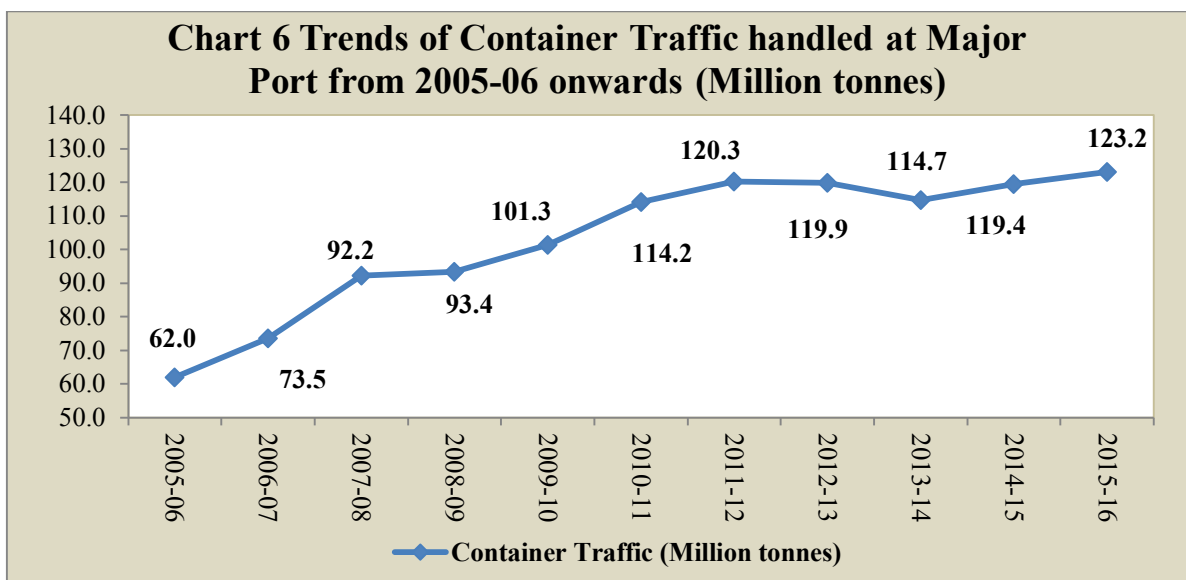
(3.4%) and POL (2.9). Traffic growth for Food grains, Iron Ore and Fertilizer Raw Material Dry was negative in 2015-16 at 23.2%, 14.9% and 9.9% respectively.

9.3 In respect of the traffic handled at Major ports, it is also observed that more than 94% of the traffic handled during 2015-16 was accounted by three commodities viz. other cargo including Containers (41.6%), POL & Products (30.8%) and Coal (22.1%).



10. CONTAINER TRAFFIC

10.1 Containerization started in India in 1973 in a limited way with the creation of interim container handling facilities at Mumbai and Cochin Ports. Since then, container traffic has steadily increased over the years, in tune with the increasing use of containers in international trade. Container traffic has experienced about seven fold increase from 1.05 million Twenty Feet Equivalent Units (TEUs) (13.08 million tonnes) in 1993-94 to 7.9 million TEUs (123.2 million tonnes) in 2015-16 (**Chart-6**). Over the same period non-containerized cargo grew from 166 million tonnes to 462.8 million tonnes i.e. about three fold increases.

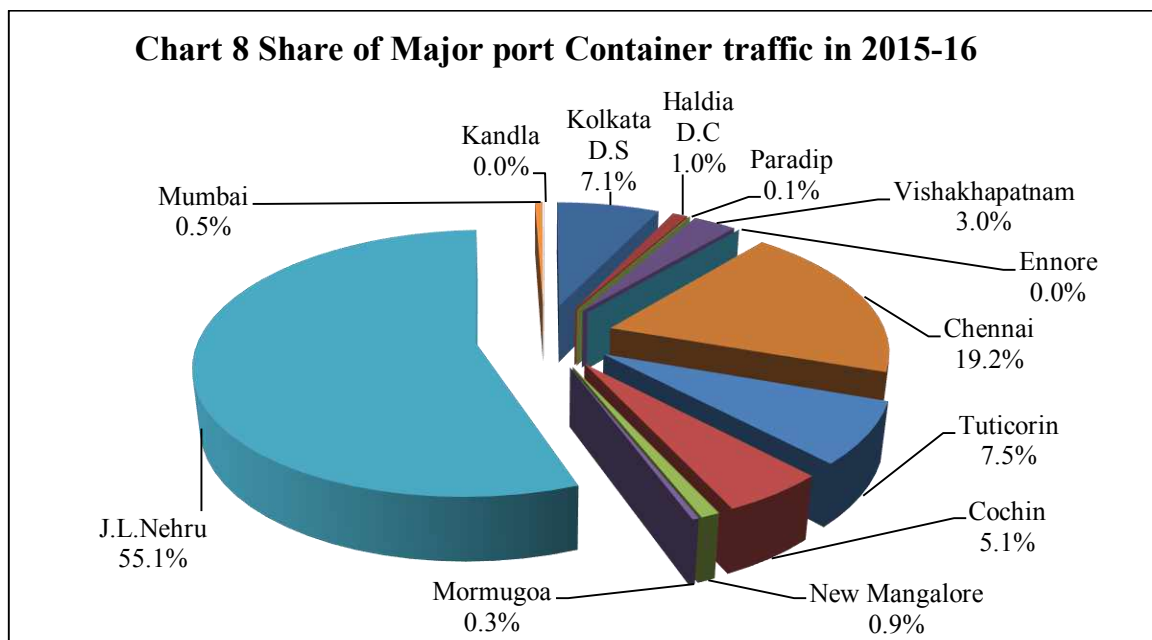
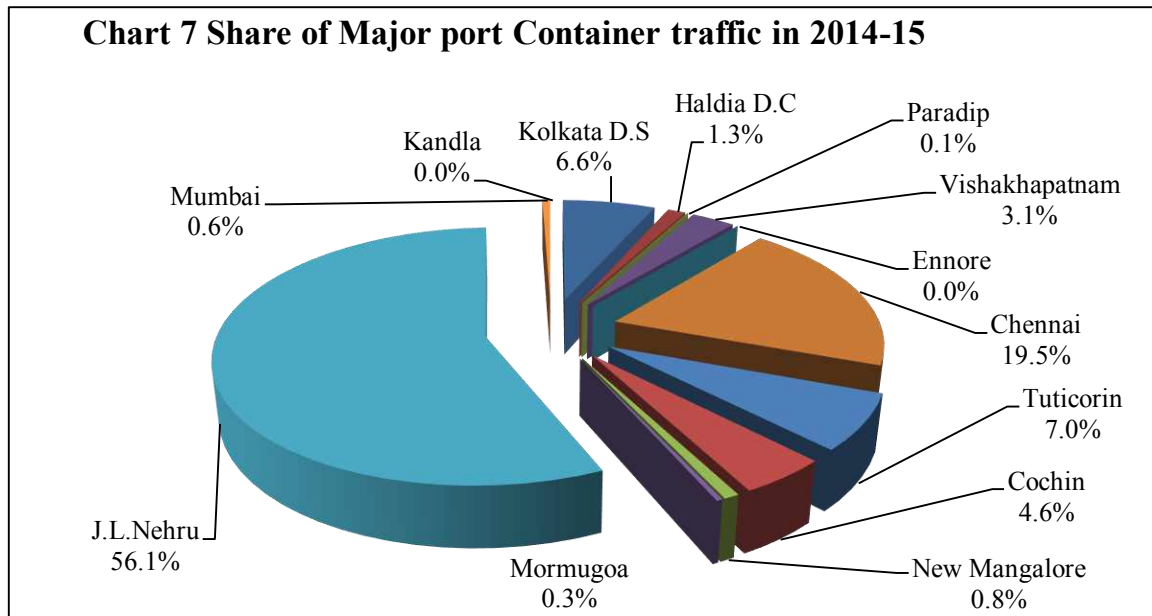


10.2 The growth in container traffic at the container handling ports of the country is given in **Table 8**.

Name of Port	2014-15		2015-16	
	000' Tonnes	000' TEUs	000' Tonnes	000' TEUs
Kolkata D.S	8110	528	9263	578
Haldia D.C	1958	102	1376	85
Paradip	67	4	132	5
Vishakhapatnam	4372	248	5145	243
Ennore	-	-	1	0
Chennai	29945	1552	30207	1565
Tuticorin	11034	560	12388	612
Cochin	5246	366	5785	419
New Mangalore	920	63	1105	76
Mormugoa	312	25	345	26
J. L. Nehru	56933	4467	56791	4491
Mumbai	544	45	574	43
Kandla	0	0	56	3
All Ports	119441	7960	123168	8146

10.3 The share of JNPT during 2015-16 in total container traffic at 55.1% in (TEUs) and 46.1% (in tonnage) makes it the premier container port in India. Other important container handling ports, in the order of their share in India's total container traffic in terms of TEUs were Chennai (19.2%), Tuticorin (7.5%), Kolkata D. S. (7.1%), Cochin (5.1%) and Vishakhapatnam (3.0%). The share of

Mumbai Port in container traffic has seen a decline from 38.7% in 1994-95 to less than one per cent from 2010-11 onwards due to diversion of container traffic to JNPT. During 2015-16 also, the share of Mumbai Port in container traffic was less than 0.5 per cent. Concomitantly, the share of JNPT has surged ahead from 19.4% to 56.1% during the same period. Chart 7 and 8 gives the share of Major port container cargo handled during 2014-15 and 2015-16 respectively.



PERFORMANCE INDICATORS

11. Capacity Utilization

11.1 Over the years, cargo handling capacity of major ports has steadily increased to cater to the growing volume of internal and external trade. The capacity of the ports which was 172.59 million tonnes at the end of 1993-94 increased to a level of 965.36 million tonnes at the end of 2015-16. The port-wise capacity and traffic for 2015-16 is brought out in **Table 9**.

Table 9 : Major Port-wise Capacity Utilization During 2015-16			
(Million Tonnes)			
Name of the Port	Capacity	Traffic	Capacity Utilization (%)
Kolkata Dock System	21.10	16.78	79.54
Haldia Dock Complex	65.89	33.51	50.85
Paradip	126.94	76.40	60.17
Visakhapatnam	107.75	57.03	52.93
Kamarajar	45.00	32.21	71.57
Chennai	93.44	50.06	53.57
Chidambaranar	59.26	36.85	62.18
Cochin	49.66	22.09	44.49
New Mangalore	77.77	35.58	45.75
Mormugao	48.79	20.78	42.58
J. L. Nehru	89.37	64.03	71.64
Mumbai	49.33	61.12	123.89
Kandla	131.06	99.46	75.89
ALL PORTS	965.36	605.89	62.76

Mumbai port is a single port where capacity utilization is more than 100%, which shows that this port is good sign for more cargo handled apart from their capacity. Some of the other ports having capacity utilization of more than 70% for their cargo handled are Kolkata Dock System (79.5%), Kandla (75.9%), J. L. Nehru (71.6%) and Kamarajar (71.6%).

EFFICIENCY INDICATORS OF MAJOR PORT OPERATIONS

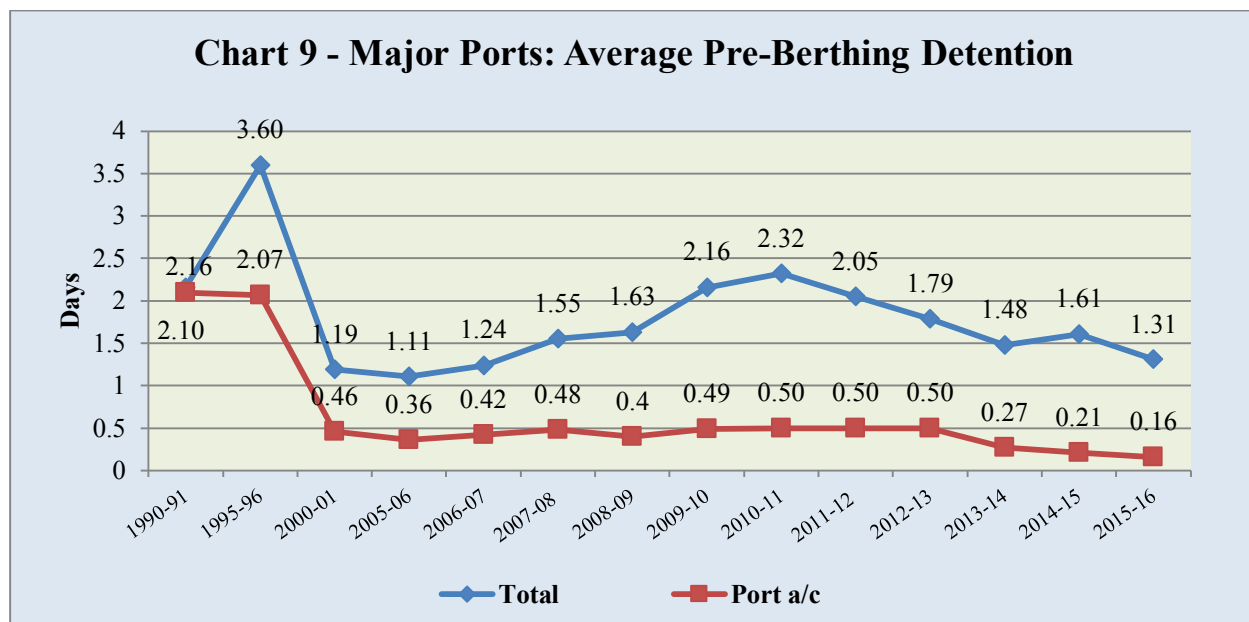
12 Average Pre-berthing Detention

12.1 The average overall pre berthing detention time for all major ports declined from 2.2 days in 1990-91 to 2.32 days in 2010-11. However, in 2011-12 and 2012-13, the average PBDT edged up to 2.05 days and 1.79 days respectively. Average PBDT on port account which remained same at 2.05 days in 2011-12 and 2012-13 declined to 0.26 days in 2012-13 and further declined to 0.30 days in 2015-16. Port-wise PBD for select years is indicated in **Table 10**.

Table 10 : Average Pre-Berthing Detention(Days)								
Port	1990-91	2000-01	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
1	2	3	4	5	6	7	8	9
Kolkata D.S	0.90	0.61	1.23	0.77	0.61	0.56	0.71	0.50
Haldia D.C	1.66	0.91	3.73	2.54	2.29	2.21	1.43	0.66
Paradip	1.59	1.41	5.04	3.69	1.65	1.94	4.11	2.05
Vishakhapatnam	1.83	0.75	2.81	2.84	2.50	1.84	2.59	1.47
Kamarajar			0.65	0.76	1.33	2.38	2.51	4.73
Chennai	2.10	2.45	1.61	1.16	0.80	0.41	0.41	0.44
Chidambaranar	0.90	1.40	1.29	1.91	1.31	1.19	1.07	1.33
Cochin	0.83	0.74	1.03	1.05	1.09	0.97	0.81	0.66
New Mangalore	0.79	0.77	0.59	0.79	1.04	0.81	0.60	0.76
Mormugao**	2.51	1.32	4.07	2.94	1.62	1.47	1.61	1.38
J.L.Nehru		0.67	1.51	1.13	1.31	1.08	0.80	1.17
Mumbai	3.40	1.26	1.23	1.37	1.62	1.18	1.69	1.27
Kandla	4.40	1.51	3.32	3.74	3.58	2.72	2.52	1.98
All Ports	2.16	1.19	2.32	2.05	1.79	1.48	1.61	1.31
Source: Major Ports/ Indian Ports Association(IPA)								
** Relate to dry bulk cargo for MOHP(Mech.) and Berth No. 10 &11 (Conv.)								

12.2 During 2015-16, Major Ports except Kamarajar Chennai, Chidambaranar, New Manglore and JNPT experienced drop in pre-berthing detention of vessels. Data on PBD for different types of vessels indicate that in 2015-16, the PBD was the least in the case of container vessels 0.36 days followed by break bulk (1.08 days), dry bulk (Conventional) (1.30 days), liquid bulk vessels (1.75 days) and dry bulk (Mechanical) (2.65 days).

12.3 The trajectory of weighted average of pre berthing detention time at Major ports- total and on port account during 1990-91, 1995-96, 2000-01, 2005-06 onwards is shown in **Chart 9** below.



13 Average Turn-Round Time (TRT)

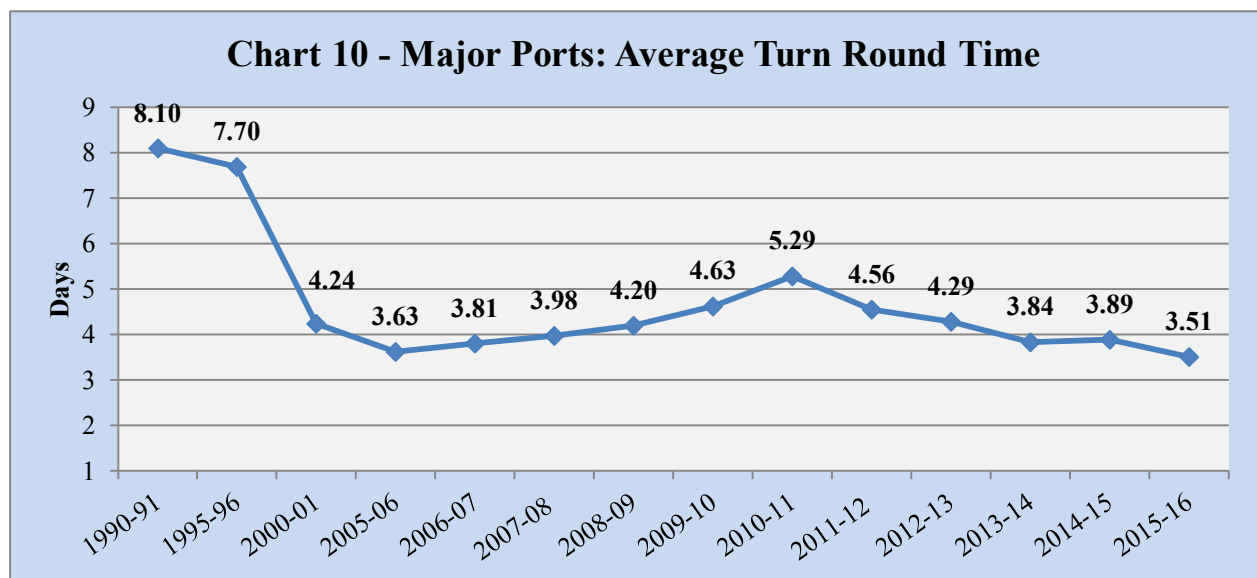
13.1 This parameter has improved significantly during the past one and half decades for all the major ports. Average TRT for all major ports improved from 8.10 days in 1990-91 to 3.63 days in 2005-06. Thereafter the average TRT has increased steadily to 5.29 days in 2010-11. In 2011-12, the average TRT declined to 4.56 days and further to 3.84 days in 2013-14. In 2014-15, TRT increased marginally to 3.89 days. However, average TRT decreased significantly by 0.38 days to 3.51 days in 2015-16. The average TRT varied in the range between 2.18 days at Cochin Port to 6.87 at Kamarajar during 2015-16. Port-wise average TRT for select years are given in **Table 11**. Amongst the 12 major ports improvement in average TRT during 2015-16 in comparison to 2014-15 is reflected in all ports except Kamarajar, Chidambaranar, Cochin, NMPT and JNPT.

13.2 The data on average TRT for different types of vessels indicate that in 2015-16, the average TRT was least in case of container vessels (1.77 days) followed by liquid bulk (3.58 days), break bulk (4.23 days), dry bulk (Mech.) (4.67 days) and dry bulk (Conv.) (4.81 days).

Table 11: Average Turn Round Time (days)								
Port	1990-91	2000-01	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
1	2	3	4	5	6	7	8	9
Kolkata D.S	11.90	5.50	6.21	5.45	4.72	4.51	4.97	4.78
Haldia D.C	6.47	3.97	4.45	3.62	3.95	3.77	3.36	3.27
Paradip	8.40	4.16	7.73	6.33	4.39	4.62	7.01	4.50
Vishakhapatnam	7.07	3.71	5.84	5.68	5.39	4.73	5.67	3.84
Kamarajar	-	-	2.78	2.17	2.95	4.24	4.32	6.87
Chennai	7.20	5.83	4.36	3.91	3.24	2.46	2.54	2.53
Chidambaranar	4.70	4.10	4.00	4.94	4.31	3.92	3.37	3.53
Cochin	4.00	3.11	2.20	1.82	1.58	1.76	1.69	2.18
New Mangalore	4.96	2.89	2.70	2.95	3.29	3.18	2.46	2.63
Mormugao *	6.40	4.25	10.43	7.68	5.06	4.50	3.97	3.37
J.L.Nehru	-	2.21	2.64	1.94	2.48	2.26	2.24	2.31
Mumbai	10.80	5.20	4.96	5.22	5.58	4.25	4.09	3.29
Kandla	10.00	4.72	5.90	6.42	6.33	5.66	4.90	4.28
All Ports	8.10	4.24	5.29	4.56	4.29	3.84	3.89	3.51

* Refers to dry bulk cargo for MOHP(Mech.) and Berth No. 10 &11 (Conv)
Source: Major Ports/ Indian Ports Association (IPA)

13.3 The turn round time of cargo ships at major ports for select years since 1990-91 to 2015-16 is presented in the **Chart -10** below.



(Turn-Round Time - Total time spent by a ship since its entry till its departure).

13.4 The average TRT is influenced by a number of factors like type of cargo, parcel size, PBD, entrance channel, etc. During 2015-16, average parcel size has decreased from 27988 tonnes in 2014-15 to 26526 tonnes in 2015-16. During 2015-16, average parcel size has decreased to all categories except for Break bulk where as average TRT has also decreased for all types of vessels except liquid bulk. Available data on type of vessels and average parcel size vis-à-vis Average TRT is indicated in Table 12.

Table 12 : Average Parcel Size and Turn Round Time				
Type of Vessel	2014-15		2015-16	
	Average Parcel Size (Tonnes)	Average TRT (Days)	Average Parcel Size (Tonnes)	Average TRT (Days)
	(Cargo/vessels)		(Cargo/vessels)	
Dry Bulk (Mech.)	62709	5.09	52315	4.67
Dry Bulk (Conv.)	35263	6.22	32199	4.81
Liquid Bulk	29112	3.57	27578	3.58
Break Bulk	7318	4.76	8296	4.23
Container	23097	2.27	21715	1.77
All Types	27988	3.89	26526	3.51

14 Average Output per Ship Berth-day

14.1 During the last 25 years this indicator has seen a tremendous improvement. Average Output per Ship-berth day has increased more than five times from 3,372 tonnes in 1990-91 to 16471 tonnes in 2015-16 for major ports. Average Output per Ship-berth day had doubled during 1990-91 to 2000-01 and more than doubled during 2000-01 to 2015-16. The growth of average output per Ship-berth day is 26.76% during 2015-16 over 2014-15.

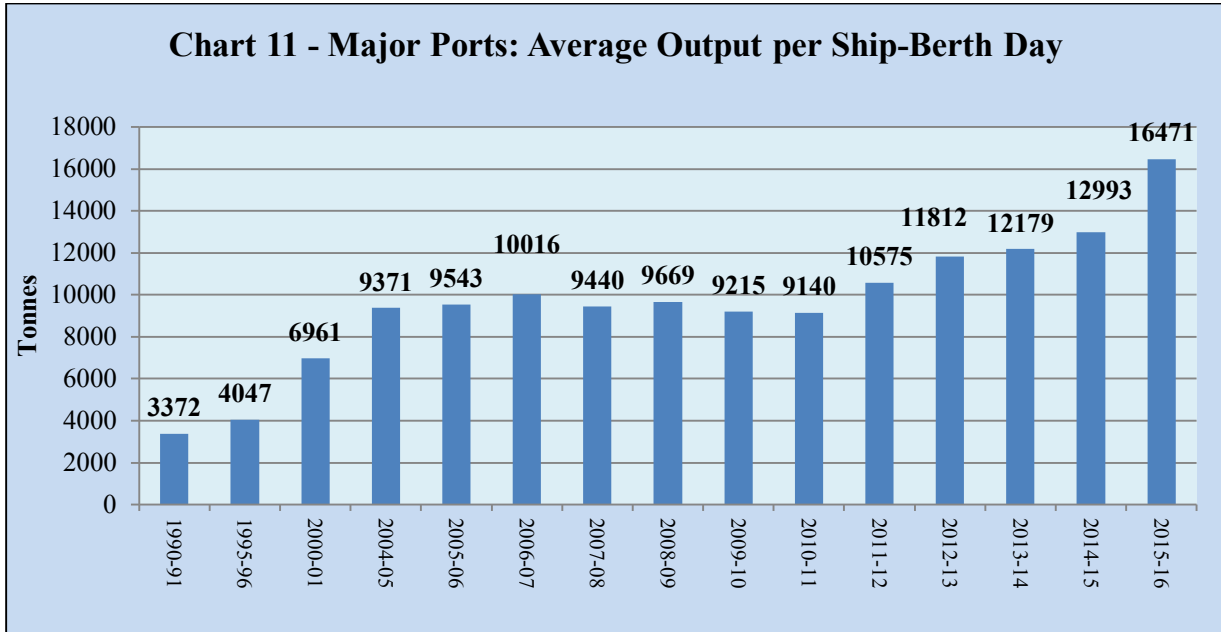
However, average output per ship-berth day is marked by substantial variation across major ports ranging from a high 31106 tonnes in case of Kamarajar port to a low of 3201 tonnes at Kolkata Dock System during 2015-16. This variation reflects the type of cargo being handled, level of mechanization and labour practices. Amongst the 12 major ports, improvement in average Output per Ship Berth-day during 2015-16 over the previous year is visible in all the ports except New Mangalore. Port-wise average output per Ship-berth day for select years and 2010-11 onwards are given in **Table 13**.

Port	1990-91	2000-01	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
1	2	3	4	5	6	7	8	9
Kolkata D.S	560	2305	2253	2503	2762	2963	3084	3201
Haldia D.C	5659	6384	6563	6728	6078	6130	6802	9126
Paradip	4082	8503	14243	15995	16625	18179	17736	26965
Visakhapatnam	5325	9799	10334	10704	10641	10925	10640	17179
Kamarajar	-	-	17699	27505	27741	22357	22613	31106
Chennai	3912	6977	10984	10352	12046	14268	14464	18976
Chidambaranar	2130	3983	7035	6733	7452	9633	10468	13619
Cochin	3714	6138	11752	15784	15878	15881	16906	20962
New Mangalore	4412	12192	14211	13957	15921	16314	19856	16165
Mormugao*	10429	12438	4409	10530	11484	10018	12272	21542
J.L.Nehru	-	6383	20393	19227	23319	23014	21310	23792
Mumbai	2310	4213	6042	6476	8709	7057	11055	18020
Kandla	4417	8230	14137	14272	15728	15729	15159	16538
All Ports	3372	6961	9140	10575	11812	12179	12993	16471
*Relate to dry bulk cargo for MOHP(Mech.) and Berth No. 10 &11 (Conv.)								

14.2 As compared to 2014-15, the increase in average output per Ship Berth-day (all major ports) in 2015-16 was of the order of 26.8%. An important determinant of output per Ship Berth-day is the composition of traffic at the port. The average out-put per Ship Berth-day by types of vessels in 2014-15 and 2015-16 at major ports is presented below in **Table-14**.

Type of Vessel	Average Output per ship Berth-day (Tonnes)		
	2014-15	2015-16	% Change
Dry Bulk (Mech.)	21188	29139	37.5
Dry Bulk (Conv.)	9280	12404	33.7
Liquid Bulk	18079	20451	13.1
Break Bulk	2600	3618	39.2
Container	20331	22244	9.4
All Types	12993	16471	26.8

14.3 The average out-put per Ship Berth-day for selected years since 1990-91 to 2015-16 is presented in the Chart -9 below.



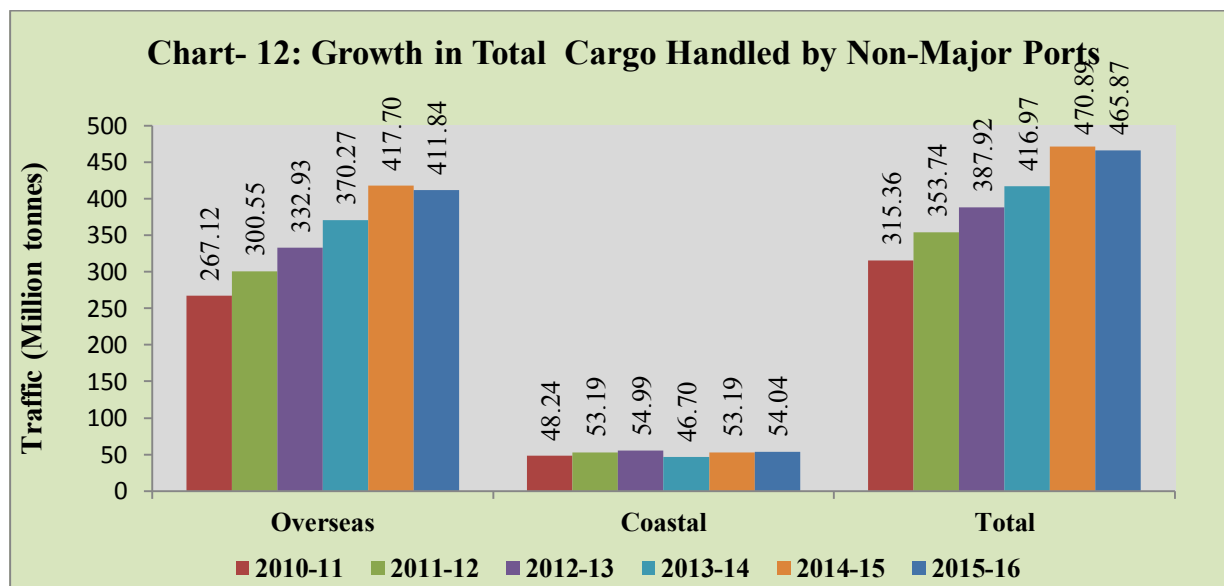
Output per Ship Berth-day – Total tonnage handled distributed over total number of berth days

D. PERFORMANCE OF NON-MAJOR PORTS

15. CARGO TRAFFIC HANDLED

15.1 There are 205 non-major ports situated along the peninsula coast-line and sea-islands. These ports are located in Gujarat (46), Maharashtra (48), Goa (5), Daman & Diu (2), Karnataka (9), Kerala (17), Lakshdweep (10), Tamilnadu (16), Puducherry (3), Andhra Pradesh (12), Orissa (13), West Bengal (1) and Andaman & Nicobar Island (23). Out of these 205 Non-major ports, only some ports are well developed and provide all-weather berthing facilities for cargo handling. In 2015-16, only 70 Non-major Ports were reported to have handled cargo traffic.

15.2 The effectiveness of non-major ports in meeting the growing volume of cargo traffic in the backdrop of saturation of existing capacities at the major ports cannot be overlooked. Recognizing the importance of non-major ports, maritime states have launched initiatives for their development, through the participation of private sector. This has led to significant growth in the cargo traffic handled by the non-major ports in the past few years.



15.3 Non-major ports in India collectively handled 465.87 million tonnes of traffic during the year 2015-16 as compared to 470.89 million tonnes of cargo handled in 2014-15 (Chart-12). The year-on-year growth in traffic in 2015-16 was 1.07 % in negative as compared to 12.9% growth

registered in 2013-14. At a disaggregated level, the overseas cargo traffic decreased by 1.4% in 2015-16 compared to an increase in growth of 12.8% recorded in 2014-15. Coastal cargo traffic increased by 1.6% in 2015-16 compared to an increase of 13.9 % in 2014-15.

Commodity Composition of Non-Major Port Traffic

15.4 Commodity composition of traffic handled by non-major ports during the past few years is given in **Table 15**.

Table 15 : Commodity -wise Traffic Handled at Non-major Ports							
(Million Tonnes)							
Year	POL & its Products	Iron Ore	Building Material	Coal*	Fertilizer & FRM	Other Cargo	Total
2004-05	67.77 (12.76)	21.4 (23.41)	16.13 (5.45)	13.52 (37.26)	3.91 (18.84)	16.24 (9.07)	138.97 (15.23)
2005-06	69.72 (2.88)	28.84 (34.77)	13.39 -(16.99)	13.57 (0.37)	5.61 (43.48)	18.99 (16.93)	150.12 (8.02)
2006-07	81.2 (16.47)	33.97 (17.79)	14.39 (7.47)	14.02 (3.32)	6.82 (21.57)	34.52 (81.78)	184.92 (23.18)
2007-08	91.04 (12.12)	34.22 (0.74)	16.26 (13.00)	15.45 (10.20)	7.11 (4.25)	42.3 (22.54)	206.38 (11.61)
2008-09	97.82 (7.45)	35.86 (4.79)	13.26 -(18.45)	21.46 (38.90)	8.85 (24.47)	35.97 -(14.96)	213.22 (3.31)
2009-10	137.72 (40.79)	48.81 (36.11)	13.14 -(0.90)	41.28 (92.36)	9.5 (7.34)	38.49 (7.01)	288.94 (35.51)
2010-11	145.38 (5.56)	38.27 -(21.59)	12.33 -(6.16)	58.46 (41.62)	12.72 (33.89)	48.2 (25.23)	315.36 (9.14)
2011-12	156.32 (7.53)	30.62 -(19.99)	12.87 (4.38)	79.04 (35.20)	15.74 (23.74)	59.16 (22.74)	353.75 (12.17)
2012-13	168.57 (7.84)	21.86 -(28.61)	11.95 -(7.15)	109.26 (38.23)	12.55 -(20.27)	63.74 (7.74)	387.93 (9.66)
2013-14	169.78 (0.72)	18.34 -(16.11)	14.18 (18.64)	126.32 (15.62)	12.01 -(4.30)	76.35 (19.78)	416.97 (7.49)
2014-15	167.28 -(1.47)	26.79 (46.11)	14.22 (0.32)	156.74 (24.08)	13.95 (16.17)	91.90 (20.38)	470.89 (12.93)
2015-16	180.64 (7.99)	17.38 -(35.12)	14.17 -(0.36)	141.87 -(9.48)	16.95 (21.46)	94.85 (3.21)	465.87 -(1.07)

Note: Figures in parenthesis indicate growth over the previous year.
*Thermal Coal & Coking Coal

15.5 POL & its products (38.8%) was the single largest commodity handled at non major ports in 2015-16. The share of POL has significantly increased from 35.5% to 38.8% in 2015-16 compared to 2014-15. The share of POL & its products had ranged between 44 to 48% (in 2005-06 to 2013-14). It is observed that during the previous three years, the relative shares of commodities in the cargo basket have not shown any pronounced shift. During 2015-16 the share of Coal in the total traffic was 30.5% followed by other cargo (20.4%), Iron ore (3.7%) and Fertilizer & FRM (3.6%).

16 Maritime States – Non-Major Ports

16.1 Maritime State-wise traffic handled at non-major ports in the recent years is given in Table 16:

Year	Traffic Handled (Million Tonnes)							
	Gujarat	Maharashtra	AP	Goa	Tamil Nadu	Karnataka	Others	Total
2004-05	96.14 (-10.09)	12.14 (-17.52)	15.07 (-50.4)	8.2 (-2.84)	0.85 (-23.19)	3.51 (-20.0)	1.05 (-19.32)	136.96 (-15.23)
2005-06	103.53 (7.69)	11.16 (-8.07)	17.67 (17.25)	11.76 (43.41)	0.71 (-16.47)	4.12 (17.38)	1.17 (11.43)	150.12 (9.61)
2006-07	131.27 (26.79)	11.58 (3.76)	18.61 (5.32)	14.31 (21.68)	0.81 (14.08)	6.56 (59.22)	1.78 (52.14)	184.92 (23.18)
2007-08	150.52 (14.66)	11.36 (-1.90)	19.29 (3.65)	12.83 (-10.34)	0.89 (9.88)	8.9 (35.67)	2.59 (45.51)	206.38 (11.61)
2008-09	152.81 (1.52)	10.42 (-8.27)	29.72 (54.07)	11.9 (-7.25)	0.9 (1.12)	4.97 (-44.16)	2.5 (-3.47)	213.22 (3.31)
2009-10	205.58 (34.53)	12.05 (15.64)	43.69 (47.01)	13.9 (16.81)	1.17 (30.00)	8.55 (72.03)	4 (60.00)	288.94 (35.51)
2010-11	230.91 (12.32)	14.88 (23.49)	43.27 (-0.96)	14.58 (4.89)	1.61 (37.61)	3.1 (-63.74)	7.01 (75.25)	315.36 (9.14)
2011-12	259.05 (12.19)	19.95 (34.07)	45.63 (5.45)	14.47 (-0.75)	1.21 (-24.84)	0.59 (-80.97)	12.85 (83.31)	353.75 (12.17)
2012-13	287.82 (11.11)	24.2 (21.30)	51.81 (13.54)	3.39 (-76.57)	0.93 (-23.14)	0.61 (3.39)	19.17 (49.18)	387.93 (9.66)
2013-14	309.95 (7.69)	24.66 (1.92)	58.69 (13.28)	0.28 (-91.62)	0.87 (-6.88)	0.51 (-16.56)	22.01 (14.81)	416.97 (7.49)
2014-15	336.10 (8.44)	27.30 (10.67)	83.42 (42.13)	0.76 (167.61)	0.83 (-4.73)	0.65 (27.90)	21.84 (-0.75)	470.89 (12.93)
2015-16	339.78 (1.10)	28.85 (5.69)	72.73 (-12.81)	0.43 (-43.42)	0.86 (3.76)	0.84 (28.26)	22.39 (2.50)	465.87 (-1.07)

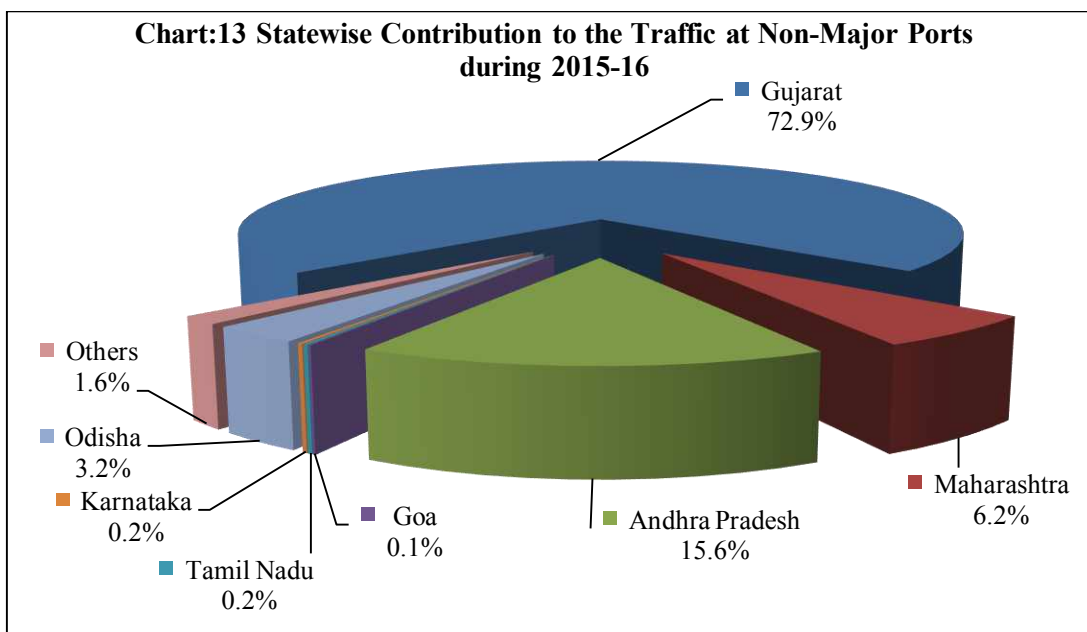
Note: (1) Figures in parentheses indicate the year-on-year percentage growth in each column.
(2) 'Others' consists of non-major ports in all other maritime States/UTs

The overall decrease of 1.07% in cargo handled at non-major ports during 2015-16 was mainly driven by traffic down in Andhra Pradesh and Goa, Though the Cargo handled at the non major ports in Andhra Pradesh and Goa have witnessed negative growth of 12.81%, and 43.42% respectively. The impact on the total traffic handled by Non-Major Ports is not significant due to low share of these States in the total traffic handled during the year. The share of traffic handled by non-major ports in the maritime states is given in **Table 17**.

Year	Traffic Handled (In Percentage)							
	Gujarat	Maharashtra	AP	Goa	Tamil Nadu	Karnataka	Others	Total
2004-05	70.2	8.9	11.0	6.0	0.6	2.5	0.8	100
2005-06	69.0	7.4	11.8	7.8	0.5	2.7	0.8	100
2006-07	71.0	6.3	10.1	7.7	0.4	3.5	1.1	100
2007-08	72.9	5.5	9.3	6.2	0.5	4.3	1.3	100
2008-09	71.7	4.9	13.9	5.6	0.4	2.3	1.2	100
2009-10	71.2	4.2	15.1	4.8	0.4	2.9	1.4	100
2010-11	73.2	4.7	13.7	4.6	0.5	1.1	2.2	100
2011-12	73.2	5.6	13.0	4.1	0.3	0.2	3.6	100
2012-13	74.2	6.2	13.4	0.9	0.2	0.2	4.9	100
2013-14	74.3	5.9	14.1	0.1	0.2	0.1	5.3	100
2014-15	71.4	5.8	17.7	0.2	0.2	0.1	4.6	100
2015-16	72.9	6.2	15.6	0.1	0.2	0.2	4.8	100

Note: (1) 'Others' consists of non-major ports in all other maritime States/UTs

16.2 Gujarat continues to be the leading maritime State, accounting for around 72.9% of the total non-major port cargo traffic in 2015-16. The other major contributing States to the cargo traffic at non-major ports during 2015-16 were: Andhra Pradesh (15.6%), Maharashtra (6.2%) and Odisha (3.2%). The contributions of Tamil Nadu (0.2%), Goa (0.1%) and Karnataka (0.2%) were negligible. The remaining 1.6% of the cargo was handled by all the other Maritime States/UTs. This is brought out in the **Chart 13** below:



17. CARGO TRAFFIC HANDLED at NON-MAJOR PORTS – STATE-WISE ANALYSIS

17.1 GUJARAT

17.1.1 Gujarat is a principal maritime State with a natural coastline of about 1215 kms. (16% of India's total coast line). The State has 46 non-major ports which are under the jurisdiction of Gujarat Maritime Board (GMB) since April, 1982. Out of 46 non-major ports, traffic is handled at 18 non-major ports. The remaining 28 non-major ports are used for fishing activities and have negligible traffic.

17.1.2 Gujarat has the advantage of a vast hinterland covering the Northern and Central Indian States and as a result, there is high demand for the services offered by the non-major ports in Gujarat. The participation of the private sector has been a significant contributing factor in the development of non-major ports in Gujarat.

17.1.3 The total cargo traffic handled at the non-major ports of Gujarat during 2015-16 was of the order of 339.78 million tonnes as against 336.09 million tonnes in 2014-15, reflecting marginal increase of 1.1% compared to 8.4% in 2014-15. Non-major ports of Gujarat account for around 73% of the total cargo handled by non-major ports in India during 2015-16. Overseas

traffic in 2015-16 was 306.61 million tonnes with the remaining 33.17 million tonnes being coastal traffic. The traffic handled at important non-major ports of Gujarat during the past few years is brought out in the **Table -18**.

Table 18 : Gujarat : Traffic Achieved at Select Non-Major Ports										
Year	Traffic Handled (Million Tonnes)									
	Sikka	Magdalla	Jafara- bad	Bedi	Mul- Dwarka	GAPL	Dahej	Pipavav (Inc. GPPL)	Others	Total
2004-05	51.51	11.64	4.6	3.24	3.93	6.04	6.52	2.07	6.59	96.14
2005-06	52.18	13.32	4.36	4.44	3.85	8.16	8.84	2.01	6.37	103.53
2006-07	60.25	14.27	5.5	4.16	4.08	19.72	10.09	3.66	9.54	131.27
2007-08	61.88	14.17	8.69	5.3	3.79	19.85	11.44	1.65	23.75	150.52
2008-09	65.28	14.05	4.81	2.6	3.43	35.62	11	3.71	12.31	152.81
2009-10	107.19	16.29	5.45	2.04	3.17	39.6	12.53	6.85	12.46	205.58
2010-11	115.41	18.52	4.46	2.12	3.85	51.91	14.31	7.82	12.51	230.91
2011-12	118.04	20.38	4.12	2.72	3.82	64.79	17.62	9.27	18.29	259.05
2012-13	124.52	22.67	3.41	6.7	3.45	76.94	22.26	8.06	19.81	287.82
2013-14	125.23	19.54	3.43	7.75	3.11	96.22	21.62	9.07	23.98	309.95
2014-15	124.38	20.47	3.75	8.59	3.26	105.86	27.09	11.08	31.61	336.09
2015-16	127.53	21.66	3.69	8.35	3.16	103.47	24.91	9.12	37.88	339.78

17.1.4 Sikka Port handled the highest cargo tonnage of 127.53 million tonnes in 2015-16 compared to 124.38 million tonnes handled in 2014-15. This port accounted for 37.5% of the total cargo handled by the non-major ports in Gujarat in 2015-16, and has witnessed increase in the cargo traffic ever since the commissioning of Reliance Jamnagar maritime terminal facility. More than 99% of the traffic handled at the port relates to POL & its products.

Gujarat Adani Port Ltd. (GAPL) handled 103.47 million tonnes (30.5%) of the total cargo in 2015-16. Main commodities handled by GAPL port are POL & its products and Coal. Magdalla accounted of 21.66 million tonnes (6.4%) of the cargo traffic in 2015-16. Major commodities handled by the port are Iron Ore, POL & its product, and Building Material.

17.1.5 Dahej Port handled 24.91 million tonnes of cargo in 2015-16 with a share of 7.3% in total traffic. The important ports which showed increase in the cargo handled during 2015-16 were Sikka and Magdalla, while on ports at Bedi, Dahej, Jafraabad, Muldwarka, GAPL and GPPL, there was decrease in cargo traffic in 2015-16.

17.1.6 Commodity-wise analysis of the total cargo handled by the non-major ports in Gujarat indicates that POL and other petroleum products continued to be the major cargo commodity group handled in 2015-16 (Table 19).

Year	Traffic Handled (Million Tonnes)						
	POL & Products	Coal	Building Material	Fertilizer & FRM	Iron Ore	Other Cargo	Total
2004-05	56.48	9.93	11.51	2.34	4.05	11.83	96.14
2005-06	60.15	10.54	11	3.64	5.19	13.01	103.53
2006-07	71.16	11.31	11.23	4.21	5.71	27.65	131.27
2007-08	80.48	13.31	12.43	4.36	6.08	33.86	144.44
2008-09	87.38	16.46	9.59	5.09	5.9	28.39	152.81
2009-10	132.82	21.64	9.32	5.02	6.84	29.94	205.58
2010-11	140.87	29.73	8.8	6.09	7.16	38.26	230.91
2011-12	151.49	38.37	9.02	7.19	6.92	46.06	259.05
2012-13	165.14	54.34	8.41	6.42	7.64	45.89	287.84
2013-14	165.58	65.76	10.00	5.95	5.17	57.49	309.95
2014-15	163.63	79.99	8.93	7.53	5.63	70.39	336.10
2015-16	174.88	65.90	9.08	10.33	7.51	72.08	339.78

POL & products accounted for 51.5% of the total cargo handled in 2015-16. This was followed by Coal (19.4%), Building Material (2.7%), Fertilizer & FRM (3.01%) and Iron Ore (2.2%).

17.2 ANDHRA PRADESH

17.2.1 Andhra Pradesh is another important maritime State with a coast line of around 975 Kms. There are 12 non-major ports in Andhra Pradesh, of these, 5 ports normally handle cargo traffic and these are: Rawa, Kakinada Anchorage, Kakinada Deep Water Port, Gangavaram and Krishnapatnam. The State share in the total traffic handled by all non-major ports in the country during 2015-16 was 15.6%.

17.2.2 Non-major ports in Andhra Pradesh collectively handled 72.73 million tonnes of cargo during 2015-16 compared with 83.42 million tonnes in 2014-15, registering a decrease of 12.81%

in traffic. The overseas traffic during 2015-16 was 62.50 million tonnes (85.9%) of the total cargo traffic in non major ports of Andhra Pradesh and coastal traffic was of the order of 10.23 million tones of having 14.1% of total cargo traffic. **Table 20** gives the port wise details of the cargo handled at non-major ports in Andhra Pradesh during 2015-16 as well for the previous years.

Table 20 : Traffic Achieved at Select Non-Major Ports – Andhra Pradesh						
Year	Traffic Handled (Million Tonnes) – Port Wise					
	Rawa	Kakinada Anchorage	Kakinada Deep Water Port	Ganga-varam	Krishna-patnam	Total
2004-05	2.84	1.76	10.47	-	-	15.07
2005-06	2.66	2.83	12.18	-	-	17.67
2006-07	2.65	3.78	12.18	-	-	18.61
2007-08	2.63	4.02	12.64	-	-	19.29
2008-09	2.18	2.19	14.51	2.63	8.21	29.72
2009-10	1.85	0.82	11.94	12.95	16.13	43.69
2010-11	1.56	1.15	10.81	13.84	15.91	43.27
2011-12	3.2	3.16	9.85	14	15.42	45.63
2012-13	1.37	3.95	12.32	13.05	21.12	51.81
2013-14	1.54	2.74	13.40	15.81	25.2	58.69
2014-15	1.28	2.70	17.96	20.74	40.74	83.42
2015-16	1.30	2.07	14.97	19.35	35.05	72.73

17.2.3 Commodity-wise analysis of the total cargo handled by the non-major ports in Andhra Pradesh indicates Coal (63.5%), Other Cargo (24.1%) and Fertilizer & FRM (8.2%) were the three principal items of cargo handled during 2015-16 by the Non-Major Ports of Andhra Pradesh (**Table 21**).

As seen from **Table 21**, traffic in the Coal has shown an increasing trend over the consecutive years till 2014-15 and decreased during 2015-16. The trend for iron ore in has reversed sharply in 2010-11 due to ban on mining of Iron Ore in Andhra Pradesh. In 2014-15, Iron ore has shown robust growth from 1.47 million tonnes in 2013-14 to 10.53 million tonnes in 2014-15 but again declined to 1.62 million tonnes in 2015-16.

Table 21 : Commodity-wise Traffic Handled at Andhra Pradesh Non-Major Ports Traffic Handled (Million Tonnes)						
Year	POL & Products	Iron ore	Fertilizer & FRM	Coal	Other Cargo	Total
2004-05	9.96	0.96	1.3	-	2.85	15.07
2005-06	8.51	3.88	1.84	0.14	3.3	17.67
2006-07	8.49	3.88	1.95	0.14	4.15	18.61
2007-08	9.21	3.59	1.98	0.05	4.46	19.29
2008-09	9.44	9.47	3.23	3.52	4.06	29.72
2009-10	3.67	15.26	4.17	15.24	5.35	43.69
2010-11	2.79	8.96	5.8	19.62	6.1	43.27
2011-12	3.51	2.97	7.04	23.51	8.6	45.63
2012-13	1.76	0.98	5.13	30.85	13.09	51.81
2013-14	1.71	1.47	5.45	35.96	14.1	58.69
2014-15	1.40	10.53	5.36	48.66	17.47	83.42
2015-16	1.43	1.62	5.95	46.20	17.53	72.73

. 17.3 MAHARASHTRA

17.3.1 Maharashtra has a coast line of around 653 Kms with 48 notified non-major ports. Out of these only 14 ports handled cargo traffic during 2015-16.

17.3.2 The total cargo traffic handled at the non-major ports of Maharashtra during 2015-16 was 28.85 million tonnes compared with 27.29 million tonnes in 2014-15. This represents an increase of 5.7%. Out of 28.85 million tonnes of total cargo handled by Non-Major ports in Maharashtra, 21.07 million tonnes was overseas cargo shown 73% of the total cargo and remaining 27% coastal cargo.

Overseas traffic of 21.07 million tonnes has shown increase of 13.8% in 2015-16 from 18.52 million tonnes in 2014-15 whereas coastal traffic at 7.78 million tonnes decreased by 11.4% from 8.77 million tonnes in 2014-15. The port-wise traffic at non-major ports of Maharashtra is brought out in **Table 22**. Dharamtar is the leading non-major port of Maharashtra with traffic of 9.89 million tonnes accounting for 34.3% of total traffic at non-major ports handled in the State. The cargo traffic has increased considerably at other non-major ports of Maharashtra viz. Dighi, Jaigad, Ratnagiri and Ulwa-Belapur.

Year	Traffic Handled (Million Tonnes)					
	Dharamtar	Revdanda	Ulwa Belapur	Ratnagiri	Others	Total
2004-05	7.73	1.27	1.01	0.62	1.51	12.14
2005-06	6.27	0.96	1.2	0.65	2.08	11.16
2006-07	6.8	1.02	1.28	0.66	1.82	11.58
2007-08	6.32	1.15	1.41	0.72	1.76	11.36
2008-09	5.09	1.03	1.56	0.73	2.01	10.42
2009-10	6.84	1.24	1.52	0.7	1.75	12.05
2010-11	7.08	1.67	1.62	0.96	3.55	14.88
2011-12	7.52	1.31	1.66	0.83	8.63	19.95
2012-13	9.72	1.35	1.43	0.86	10.84	24.2
2013-14	10.18	1.05	0	0.67	12.76	24.66
2014-15	10.17	1.14	1.62	0.80	13.56	27.29
2015-16	9.89	1.34	1.62	0.71	15.29	28.85

17.3.3 Commodity-wise break-up of the cargo handled by the non-major ports of Maharashtra indicates that Coal traffic of 12.17 million tonnes constituted (42.2%) of the total cargo handled in 2015-16 followed by Iron ore (26.4%), POL & Products (11.2%) and Building material (7.8%) shown in the **Table 23**.

Year	Traffic Handled (Million Tonnes)					
	Iron Ore	Building Material	POL & Products	Coal	Other Cargo	Total
2004-05	5.47	1.29	0.32	3.59	1.47	12.14
2005-06	4.95	1.49	0.23	2.55	1.94	11.16
2006-07	4.58	1.77	0.58	2.29	2.36	11.58
2007-08	3.74	2.25	0.4	2	2.97	11.36
2008-09	4.27	2.35	-	1.46	2.34	10.42
2009-10	5.06	2.2	-	2.88	1.91	12.05
2010-11	5.12	2.28	-	5	2.48	14.88
2011-12	6.36	2.49	-	7.59	3.51	19.95
2012-13	7.82	2.04	0.4	10.4	3.54	24.2
2013-14	7.62	2.00	1.12	9.72	4.21	24.67
2014-15	8.82	2.12	1.25	10.92	4.18	27.30
2015-16	7.61	2.24	3.23	12.17	3.60	28.85

As seen from the above table, all commodities have shown growth in traffic in 2015-16 as compared to 2014-15 except Iron Ore and Other Cargo.

17.4 GOA

17.4.1 Goa has a coastline of about 118 Kms. There are 5 non-major ports in Goa. Of this only one port, Panaji normally handles cargo traffic. Panaji port handled cargo traffic of 0.43 million tonnes during 2015-16 compared with 0.76 million tonnes handled in the previous year with negative growth rate of 43.4%. The commodity composition of traffic is brought out in **Table 24**.

Year	Traffic Handled (Million Tonnes)				
	Iron Ore	Coal	Iron & Steel	Other Cargo	Total
2004-05	8.19	Neg.	Neg.	0.01	8.2
2005-06	11.43	0.33	Neg.	-	11.76
2006-07	14.03	0.28	-	-	14.31
2007-08	12.74	0.09	-	-	12.83
2008-09	11.9	-	-	-	11.9
2009-10	13.68	0.22	-	-	13.9
2010-11	14.58	-	-	-	14.58
2011-12	14.31	0.16	-	-	14.47
2012-13	3.28	0.11	-	-	3.39
2013-14	0.00	0.28	-	-	0.28
2014-15	0.35	0.41	-	-	0.76
2015-16	0.26	0.17	-	-	0.43

17.4.2 Iron Ore has been the principal commodity handled at the port, but due to ban on mining of Iron Ore, the cargo traffic at minor port of Goa had declined drastically after 2011-12. In 2015-16, Iron ore and Coal handling decreased in ports of Goa as compared to 2014-15. The Coal handled decreased from 0.41 million tonnes in 2014-15 to 0.17 million tonnes during 2015-16.

17.5 KARNATAKA

17.5.1 Karnataka has a coastline of around 280 Kms. with 9 non-major ports. Out of these 4 ports normally handle cargo traffic. During 2015-16, non-major ports in the State handled 0.84 million tonnes of cargo traffic as compared to 0.65 million tonnes in 2014-15 reflecting increase of 29.2% over the previous year. The port-wise cargo traffic handled in Karnataka is given in **Table 25**.

Table 25 : Traffic Achieved at Select Non-Major Ports – Karnataka						
Year	Traffic Handled (Million Tonnes)					
	Karwar	Old Mangalore	Malpe	Belekri	Others	Total
2004-05	2.61	0.08	0.01	0.81	-	3.51
2005-06	2.47	0.08	0.02	1.55	-	4.12
2006-07	2.38	0.09	0.01	4.08	-	6.56
2007-08	2.72	0.08	0.01	6.09	-	8.9
2008-09	2.96	0.09	0.01	1.91	-	4.97
2009-10	2.2	0.08	-	6.27	-	8.55
2010-11	1.13	0.14	-	1.83	-	3.1
2011-12	0.5	0.09	-	-	-	0.59
2012-13	0.44	0.16	-	-	0.01	0.61
2013-14	0.38	0.13	-	-	0.00	0.51
2014-15	0.53	0.12	-	-	0.00	0.65
2015-16	0.72	0.12	-	-	0.00	0.84

Note: - Negligible

17.5.2 Belekri, the leading port of Karnataka which handled 1.83 million tonnes of cargo during 2010-11 but could not handle any cargo 2011-12 onwards due to ban on mining of Iron Ore in Karnataka. The contribution of the Belekri to the total cargo handled by the non-major ports of Karnataka was 59% in 2010-11. Karwar the second leading port of Karnataka which had handled 1.13 million tonnes of cargo during 2010-11 and its contribution was 36.4%. In 2015-16, cargo handled at Karwar Port was 0.72 million tonnes and at Old Mangalore was 0.12 million tonnes.

17.5.3 Commodity-wise breakup of the cargo traffic handled by the non-major ports of Karnataka is given in **Table 26**.

Table 26 : Commodity-wise Traffic Handled at Non-Major Ports – Karnataka							
	Traffic Handled (Million Tonnes)						
Year	POL & Products	Granite	Fertilizer & FRM	Salt	Iron Ore	Other Cargo	Total
2004-05	0.11	0.27	0.02	0.06	2.72	0.32	3.50
2005-06	0.1	0.25	0.03	0.1	3.4	0.24	4.12
2006-07	0.14	0.34	0.1	0.07	5.77	0.14	6.56
2007-08	0.05	0.31	0.04	0.08	8.04	0.38	8.90
2008-09	0.02	0.44	0.03	0.07	4.28	0.13	4.97
2009-10	0.04	0.34	-	0.08	7.84	0.22	8.52
2010-11	0.03	0.36	0.02	0.03	2.32	0.31	3.07
2011-12	-	0.23	0.03	0.06	-	0.27	0.59
2012-13	0.04	0.05	0.05	0.05	-	0.42	0.61
2013-14	0.04	0.00	0.08	0.00	-	0.40	0.51
2014-15	0.04	0.00	0.05	0.00	-	0.56	0.65
2015-16	0.08	0.00	0.06	0.00	-	0.70	0.84

17.6 TAMIL NADU

17.6.1 Tamil Nadu has a coastline of around 906 Kms. The State has 16 non-major ports, out of which only 5 ports handled cargo traffic. During 2015-16 the non-major ports in Tamil Nadu collectively handled 0.85 million tonnes of cargo traffic as compared to 0.83 million tonnes in the previous year. The port-wise traffic is brought out in the **Table 27**.

17.6.2 Nagapattinam port handled the maximum traffic of 0.30 million tonnes during 2015-16 accounting for 35.3% followed by Cuddalore port (0.26 million tonnes) accounting for 30.6% and Other Ports (0.24 million tonnes) accounted for 28.2% of the total traffic handled by all the non major ports in the State.

Year	Traffic Handled (Million Tonnes)						
	Ennore	PY-3	Naga-pattinam	Tirukka-daiyur	Cudda-lore	Others	Total
2004-05	0.05	0.29	0.42	0.09	-	-	0.85
2005-06	0.06	0.26	0.34	0.05	-	-	0.71
2006-07	0.07	0.26	0.31	0.15	0.02	-	0.81
2007-08	0.05	0.16	0.33	0.27	0.08	-	0.89
2008-09	0.02	0.12	0.39	0.36	0.01	-	0.9
2009-10	0.04	0.07	0.6	0.33	0.12	-	1.16
2010-11	0.06	0.15	0.86	0.33	0.21	-	1.61
2011-12	0.05	0.06	0.63	0.23	0.24	-	1.21
2012-13	0.03	-	0.37	0.27	0.25	0.01	0.93
2013-14	0.04	0.00	0.31	0.24	0.27	0.01	0.87
2014-15	0.04	0.00	0.22	0.20	0.24	0.13	0.83
2015-16	0.03	0.00	0.30	0.03	0.26	0.24	0.85

17.6.3 The commodity-wise breakup of traffic handled at non-major ports in Tamil Nadu indicate that POL & products constitute the major item of cargo handled (63.5%) followed by other commodities of 0.28 million tones with share of 32.9% of the traffic shown in the **Table 28**.

Year	Traffic Handled (Million Tonnes)				
	POL & Products	Fertilizer & FRM	Edible Oil	Other Cargo	Total
2004-05	0.75	0.05	0.02	0.03	0.85
2005-06	0.59	0.06	0.02	0.04	0.71
2006-07	0.67	0.07	0.03	0.04	0.81
2007-08	0.71	0.09	0.03	0.06	0.89
2008-09	0.8	0.02	0.05	0.03	0.90
2009-10	1.04	0.05	0.05	0.03	1.17
2010-11	1.5	0.06	0.04	0.01	1.61
2011-12	1.11	0.05	0.03	0.02	1.21
2012-13	0.63	0.25	0.02	0.03	0.93
2013-14	0.79	0.04	0.00	0.04	0.87
2014-15	0.42	0.29	0.00	0.12	0.83
2015-16	0.54	0.03	0.00	0.28	0.85

SECTION – II

1. VITAL PORT STATISTICS

Table 1.1 Number of Major and Non-Major Ports in the Maritime States

(As on 31.3.2016)

State / U.T.	Number of Major Ports	Number of Non-Major Ports(a)	Total Number of Ports
1	2	3	4
<u>WEST COAST</u>			
Gujarat	1	46	47
Maharashtra	2	48	50
Goa	1	5	6
Daman & Diu	-	2	2
Karnataka	1	9	10
Kerala	1	17	18
Lakshadweep Islands	-	10	10
<u>EAST COAST</u>			
Tamil Nadu	3	16	19
Pondicherry	-	3	3
Andhra Pradesh	1	12	13
Orissa	1	13	14
West Bengal	1	1	2
Andaman & Nicobar Islands	-	23	23
TOTAL	12	205	217

Note : (a) This includes working, non working and captive Ports.

For details see Table 1.2.

Source : M/O Shipping

Table 1.2 List of Non-Major Ports

(As on 31.3.2016)

GUJARAT	12 Thane	KARNATAKA	12 Kudankulam
1 Mandvi	13 Versova	1 Mangalore*	13 Thiruchopuram
2 Navlakhi*	14 Bandra	2 Malpe*	14 Parangipettal
3 Bedi*	15 Trombay*	3 Hangarkatta*	15 Udangudi
4 Sikka*	16 Ulwa-Belapurl*	4 Kundapura	16 Chettinad
5 Jafarabad*	17 Mora	5 Bhatkal	Tharangambadi
6 Okha*	18 Mandwa	6 Honnavar	
7 Porbandar*	19 Karanja	7 Tadari	ORISSA
8 Veraval	20 Rewas	8 Belekeri	1 Gopalpur
9 Bhavnagar*	21 Dharamtar*	9 Karwar*	2 Bahabalpur
10 Bharuch	22 Revdanda*		3 Bahadamuham
11 Magdalla*	23 Borli/ Mandla	LAKSHADWEEP	4 Palur
12 Koteswar	24 Nandgaon	1 Agatti*	5 Baliharichandi
13 Mundra (old) *	25 Murud- Junijira	2 Amini*	6 Astaranga
14 GAPL*	26 Rajpuri / Dighi*	3 Androth*	7 Jatadhar Muhan
15 Jakhau*	27 Mandad	4 Bitra	8 Barunei muhan
16 Jodiya	28 Kumbharu	5 Chetlat*	9 Dhamra*
17 Salaya*	29 Shriwardhan	6 Kavaratti*	10 Chudamani
18 Pindhara	30 Bankot*	7 Kadmat*	11 Inchuri
19 Beyt	31 Kelshi*	8 Kiltan*	12 Chandipur
20 Rupen	32 Har nai	9 Kalpeni	13 Subanarekha Mouth
21 Mangrol	33 Dabhol*	10 Minicoy*	(Kirtania)
22 Kotada	34 Palshet		
23 Madhavad	35 Borya	ANDAMAN & NICOBAR	DAMAN & DIU
24 Navbander	36 Jaigad*	1 Port Blair*	1 Daman
25 Rajpara	37 Varoda	2 Mus	2 Diu
26 Pipavav (victor)	38 Purnagad	3 Car Nicobar*	
27 GPPL*	39 Jaitapur	4 Havelock	KERALA
28 Mahuva	40 Vijaydurg*	5 Mayabunder*	1 Kovalam /Vizhinjam*
29 Talaja	41 Deogad	6 Diglipur*	2 Thiruvananthapuram/
30 Gogha	42 Achara	7 Rangat*	Valiyathura
31 Khambhat	43 Malvan	8 Hut Bay*	3 Thankaserry
32 Dahej*	44 Niwti	9 Katchal*	4 Kollam / Neendakara*
33 Bhagwa	45 Vengurla	10 Campbell Bay*	5 Alappuzha
34 Onjal	46 Redi*	11 Neil Havelock	6 Kodungallore
35 Vansi-Borsi	47 Kiranpani*	12 Dugong Creek	7 Ponnani
36 Billimora	48 Ratnagiri*	13 Nancowry*	8 Kozhikode*
37 Valsada		14 Chowra	9 Bepore
38 Umar Sadi	ANDHRA PRADESH	15 Teressa	10 Thalassery
39 Kolak	1 Bhavanapadu	16 Kondul	11 Kannur
40 Maroli	2 Kalingapatnam	17 Pillow Millow	12 Kasaragode
41 Umargam	3 Bheemunipatnam	18 East Island	13 Neeleswaram
42 Mul-Dwarka*	4 Kakinada	19 Cinque Island	14 Azhikkal*
43 HPPL*	i) Anchorage*	20 Jolly Bouy Island	15 Kayamkulam
44 AHPPPL*	ii) Kakinada Deep Water	21 Tillonchong	16 Vadakara
45 Alang*	5 Narasapur	22 Castle Bay	17 Manjeswaram
46 Sachana	6 Machilipatnam	23 South Bay	
	7 Vadarevu		PUDUCHERRY
MAHARASHTRA	8 Nizampatnam	TAMIL NADU	1 Pondicherry
1 Dahanu*	9 Krishnapatnam*	1 Cuddalore*	2 Karaikal*
2 Tarapur	10 Gangavaram *	2 Nagapattinam*	3 Chemplast Sanmar
3 Nawapur	11 Mutyalammappalem	3 Rameswaram	(Karaikal)*
4 Satpati	12 Rawa*	4 Pamban	
5 Kelwa-Mahim		5 Colachel	WEST BENGAL
6 Datiware	GOA	6 Valinokkam	1 Kulpi
7 Uttan	1 Panaji*	7 Kanyakumari	
8 Bassein	2 Chapora	8 Ennore*	
9 Bhiwandi	3 Betul	9 Kattupalli*	
10 Manori	4 Talpona	10 Thirukkadaiyur*	
11 Kalyan	5 Tiracol	11 PY-3(Oil field)	

* Non-Major Ports handling Cargo.

Source : State / UT

Table 1.3

Topography of Major Ports

(As on 31.3.2016)

Port	Location		Entrance Channel			Turning Circle		Type of Dock / Port
	Latitude	Longitude	Distance of anchor from Harbour entrance(In Km)	Minimum Depth (In Mtrs.)	Minimum Width (In Mtrs.)	No.	Diameter (In Mtrs.)	
1	2	3	4	5	6	7	8	9
Kandla	23° 01' N	70° 13' E	25.0	7.0	180-200	-	-	Tidal Creek Port
Vadinar (OOT)	-	-	8.0	23.5	1500	-	-	Single Buoy Mooring (Off -Shore Oil terminal)
Mumbai	18° 54' N	72° 49' E	9.6	10.9	366	1	366	Natural Harbour with Impounded Wet docks.
J.L.Nehru	18° 56' 43"N(a)	72° 56' 24" E	10.0(#)	13.1-142	400	2	600	All Weather Tidal Port
Mormugao	15° 25' N	73° 48' E	4.6	14.4	250	2	480	Protected Open Natural Harbour
New Mangalore	12° 55' N	74° 48' E	7.5	15.4	245	1	570	Artificial Lagoon port
Cochin	9° 58' N	76° 14' E	13.0	15.95	175	1	670	Dry Dock Natural Port
V.O. Chidambaranar	8° 45' N	78° 13' E	4.0	10.4	162	1	488	Artificial Harbour
Chennai	13° 06' N	80° 18' E	6.7	IH 18.6 OH 19.2	244	1	548	Artificial Harbour with Wet Docks.
Kamarajar	13° 15' 30"N	80° 21' E	3.775	16.0	250	1	600	Artificial Harbour
Visakhapatnam	17° 41' N	83° 17' E						
Inner Harbour@			2.0**	10.7	97.5	1	366	Natural Harbour
Outer Harbour@			3.1**	20.0	200	1	610	Artificial Harbour
Paradip	20° 15'-58".63N	86° 40'-27".34E	2.2	17.1	240	1	520	Wet Dock
Kolkata Dock System	22° 33' N	88° 18' E	232	2.5\$	45	2	KPD-190 NSD-228	Riverine with impounded Docks & River side Jetty.
Haldia Dock Complex	22° 02'N	88° 06' E	115	6.7	467	1	549	--do --

(a) At GTI Berth South-West Corner

** Including both turning circles

#) Nautical Miles

\$ Draft variable Min-5.0, Max-8.4

@:IH= Inner Harbour upto Dolphins Nose Light House(incl. IHTB)

OH: Outer Harbour beyond Dolphins Nose Light House(incl.OHTB)

Source : Major Ports/IPA Page No.2

Table 1.4

Berths Available at Major Ports

(As on 31.03.2016)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2014-15	2015-16
1	2	3	4	5	6
KANDLA					
I) Cargo Jetty					
CJ-I - Multipurpose	9.8	182.87	45,000	83	92
CJ-II - Multipurpose	9.8	182.87	45,000	79	88
CJ-III - Multipurpose	9.8	182.87	45,000	87	89
CJ-IV - Multipurpose	9.8	182.87	45,000	83	84
CJ-V - Multipurpose	9.1	205.73	35,000	80	90
CJ-VI - Multipurpose	9.1	205.73	35,000	0	100
CJ-VII - Multipurpose	12.0	238.64	55,000	93	95
CJ-VIII - Multipurpose	12.0	213.04	55,000	65	70
CJ-IX - Multipurpose	12.0	182.87	55,000	54	58
CJ-X - Multipurpose	12.0	205.72	55,000	94	86
CJ-XI - Multipurpose & Container	12.5	281.00	65,000	41	53
CJ-XII - Multipurpose & Container	12.5	264.00	65,000	89	96
CJ- XIII- Multipurpose & Container	13.0	300.00	75,000	44	34
CJ-XV	13.0	300.00	75,000	17	3
Tuna Taker	16.2	600.00		18	37
II) IFFCO BARGE JETTY	...	...	...	...	34
III) Oil Jetty					
OJ-I - POL Products, Veg. Oil & other Liquids	10.4	213.4	40,000	86	87
OJ-II - POL Products, Veg. Oil & other Liquids	9.0	183.0	52,000	97	95
OJ-III - POL Products, Veg. Oil & other Liquids	9.8	213.4	40,000	97	97
OJ-IV - POL Products, Veg. Oil & other Liquids	10.7	216.0	56,000	97	97
OJ-V - Phos. Acid & Ammonia	10.7	216.0	45,000	82	86
OJ-VI - POL Products	10.1	216.0	45,000	38	47
IV) At Vadinar					
SBM-I - POL Crude	30.0	...	3,00,000	46	84
SBM-II - POL Crude	30.0	...	3,00,000	50	85
SBM-III - POL Crude	30.0	...	3,00,000	76	51
Product Jetty -I POL (Products)	14.0	...	1,00,000	93	52
Product Jetty -II POL (Products)	14.0	...	1,00,000	86	67
MUMBAI@					
Indira Docks					
1. Container	8.84 to 9.14	168	...	28	31
2. Container	8.84 to 9.14	175	...	43	45
3. Container	8.84 to 9.14	175	...	26	39
4. Container	8.84 to 9.14	175	...	65	60
9. Container	8.84 to 9.14	175	...	53	62
J/E Heavy lifts	8.84 to 9.14	160	...	12	12
10. Multipurpose	8.84 to 9.14	175	...	50	57
11. Multipurpose	8.84 to 9.14	175	...	19	20
12. Multipurpose	8.84 to 9.14	175	...	26	23
12 A. Multipurpose	8.84 to 9.14	175	...	35	27
12 B. Multipurpose	8.84 to 9.14	175	...	33	39
13 Multipurpose	8.84 to 9.14	175	...	37	45
13 A. Multipurpose	8.84 to 9.14	175	...	38	25

Table 1.4 Contd...

Berths Available at Major Ports

(As on 31.3.2016)

Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage	
				Occupancy during	
				2014-15	2015-16
1	2	3	4	5	6
13 B.Cargo and Bulk Cargo	8.84 to 9.14	175	...	61	30
14. Fertilizers & Food Grains	8.84 to 9.14	175	...	21	40
15. Fertilizers & Food Grains	8.84 to 9.14	175	...	27	27
16. Multipurpose	8.84 to 9.14	175	...	34	65
18. Multipurpose	7.0 CD	186	...	67	50
19/20. Multipurpose	7.0 CD	160	...	74	66
21. Multipurpose	7.0 CD	160	...	78	72
22/23. Multipurpose	7.0 CD	160	...	11	31
Ballard Station					
Pier- Container	10.0 CD	183	...	87	89
Ballard Extn.					
Pier- Paassenger cum Cargo	10.0 CD	221	...	85	79
Victoria Dock *					
1. Multipurpose Berth	6.7	140	...		
2. Multipurpose Berth	6.7	140	...		
3. Multipurpose Berth	6.7	140	...	*	*
4. Multipurpose Berth	6.0	140	...	*	*
5. Multipurpose Berth	6.7	140	...	*	*
6. Multipurpose Berth	6.7	140	...	*	*
7. Multipurpose Berth	6.7	140	...	*	*
8. Multipurpose Berth	6.7	140	...	*	*
9. Multipurpose Berth	6.7	140	...	*	*
10/11. Multipurpose Berth	6.7	140	...	*	*
12. Multipurpose Berth	6.7	140	...	*	*
14. Multipurpose Berth	6.7	140	...	*	*
Prince's Dock *					
A. Multipurpose Berth	6.1 to 6.4	152	...	**	**
B. Multipurpose Berth	6.1 to 6.4	152	...	**	**
C. Multipurpose Berth	6.1 to 6.4	152	...	**	**
D. Multipurpose Berth	6.1 to 6.4	152	...	**	**
F. Multipurpose Berth	6.1 to 6.4	152	...	**	**
G. Multipurpose Berth	6.1 to 6.4	152	...	**	**
N/O. Multipurpose Berth	6.1 to 6.4	152	...	**	**
P/Q. Multipurpose Berth	6.1 to 6.4	152	...	**	**
Jawahar Dweep					
1.JD - POL	11.58	226	70,000	60	50
2 JD - POL	10.97	226	48,000	41	38
3.JD - POL	11.58	226	70,000	58	50
4 JD - POL	14.30	300	1,25,000	64	62
Old Pir Pau Jetty - POL/Chem	7.50	171	35,000	40	52
New Pir Pau Jetty- POL/Chem	12.00	197	47,000	85	79

Berth nos.5,6,7,8 Indra dock used as holding berth for Mb.P.T.crafts/ supply vessels

Note :- 17 ID was not used due to beam restriction.

Availability is less than 365 days at some berths due to decommisioning of births for dredging, maintenance, repairs etc.

Table 1.4 Contd....

Berths Available at Major Ports

(As on 31.3.2016)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2014-15	2015-16
1	2	3	4	5	6
J.L.NEHRU					
CB-01- Container JNPCT				58	91
CB-02 - Container JNPCT	14	680	1,50,000	60	83
CB-04 - Container NSICT	14	600	1,50,000	87	71
CB-05 - Container NSICT	-	-	-	78	65
CB-06 - Container NSICT	-	-	-	-	21
APMT-01-Container APMT				89	78
APMT-02-Container APMT	14	712	1,50,000	87	80
Liquid Cargo Berth(BPCL)					
Piled Jetty-Seaward-LB-01	14	300	1,00,000	86	91
Inner face-LB-02	10.5	280	50,000	86	84
SB-01 Shallow Draught Berth	8.0			24	31
SB-02 Shallow Draught Berth	10.0	445	30,000	60	73
SB-03 Shallow Draught Berth	10.0			72	71
JNPT Anchorage	-	-	-	2	32
MORMUGAO					
5 General Cargo(a)	13.5	210	50000	41	36
6 General Cargo(a)	14.5	240	70000	81	86
7. Barge Berth(b)*	14.5	300		13	20
8. Liquid Bulk**	13.5	50	125000	26	26
9.Iron Ore**	14.1	358	275000	47	75
10. General Cargo	13.1	250	55000	81	67
11. General Cargo	13.1	270	65,000	79	68
East of Mooring Dolphins		-	-	-	-
No.1 & 2 Mooring Dolphins	14.1	340	70,000	-	-
No.2 &3 Mooring Dolphins	14.1	340	70,000	-	-
No.3 &4 Mooring Dolphins	14.1	340	70,000	-	-
No.4 &5 Mooring Dolphins	14.1	340	70,000	-	-
No.5 &6 Mooring Dolphins	14.1	340	70,000	-	-
NEW MANGALORE					
No. 1 General Cargo	7.0	125	4000	2	19
No. 2 General Cargo	10.5	198	30000	22	34
No. 3 General Cargo	10.3	198	30000	39	40
No. 4 General Cargo/Liq. Amonia/Phos. Acid	9.5	198	30000	10	14
No. 5 General Cargo/Bulk Cement/Edible Oil	9.5	198	30000	47	46
No. 6 Coal/Bulk Cargo	9.5	198	30000	30	21
No. 7 Coal/Bulk Cargo	9.5	198	30000	22	16
No. 8 Coal/Bulk Cargo (14)	14.0	350	90000	83	64
No.9 Coal (15)	14.0	300	90000	24	29
No.12 Coal/Bulk Cargo	14.0	350	90000	-	-
No.13 LPG(9)	10.5	330	45000	65	43
No. 14 Crude/POL Products(10)	14.0	320	85000	46	57
No.15 Crude/POL Products(11)	14.0	320	85000	59	50
No. 16 POL(12)	12.5	320	50000	49	65
No. 17 POL(13)	14.0	350	85000	13	53
No. 18 Coal/Iron ore(8)	12.5	300	60000	41	15
Single Point Mooring (SPM)	18.0	-	300000	35	55

1-MD means Mooring Dolphins.

New Mangalore -Old berth Nos. In brackets.

Table 1.4 Contd...

Berths Available at Major Ports

(As on 31.3.2016)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2014-15	2015-16
1	2	3	4	5	6
COCHIN					
Q1 - General Cargo	9.1	} 670	16000	63	24
Q2 - General Cargo	9.1		16000	24	47
Q3 - General Cargo	9.1		16000	52	26
Q4 - General Cargo/Liquid Bulk	9.1		30000	17	56
Q5 - General Cargo/Finished Fertiliser/CBFS	10.5	} 503	20000	43	66
Q6 - General Cargo/Container/CBFS	10.5		20000	100	74
Q7 - General Cargo	10.5	} 414	20000	28	68
Q8 - General Cargo	12.5		60000	48	76
Q9 - General Cargo	12.5	60000	26	100	
Q10 - Fert. Raw Materials/Phos.Acid	10.7	278	60000	84	73
BTP - Passenger & Cargo/Liquid Bulk	10.0	} 410	35000	63	80
NCB - General Cargo/Liquid Amonia	9.1		35000	100	25
SCB - General Cargo/Liquid Amonia	9.1	192	15000	9	8
COT - POL /Crude	12.5	430	115000	46	47
NTB - POL Products	9.1	298	30000	63	80
STB - POL Products	9.1	266	20000	2	2
SPM - Crude Oil	22.5	370	300000	48	53
V2 Container	14.5	} 600	100000	78	66
V3 Container	14.5		100000	95	50
LNG	14.5	377	100000	3	5
UTL	5.3	300	-	100	100
V.O.CHIDAMBARANAR					
Alongside Berths					
Berth No.1 - General Cargo	9.3	190	45269	66	57
Berth No.2 - General Cargo	9.3	190	57809	64	74
Berth No.3 - Bulk Cargo	10.7	197	58642	75	77
Berth No.4 - Bulk & Ph.Acid	10.7	225	70101	76	77
Berth No. 5 - Passenger & GC	8.6	190	57196	79	78
Berth No. 6 - General Cargo	9.3	190	56842	68	75
Berth No.7\$ - Container	10.9	189	28966	97	97
Berth No.8 - General Cargo	12.8	212	60429	54	65
Berth No.9 - General Cargo	12.8	229	82962	82	82
Shallow Drought Berth					
Berth No.1 - General Cargo SBW I	5.9	106	5400	-	100
Oil Jetty					
NCB I	12.8	189.99	57305	37	52
Oil Jetty- POL, Ammonia	12.8	228.6	73711	37	38
Coal Jetties					
Coal Jetty No.1 -Thermal Coal	12.8	210	57196	73	65
Coal Jetty No.2- Thermal Coal	12.8	224	73879	73	64
EARM General Cargo	5	97	6298	-	100
CHENNAI					
Dr. Ambedkar Dock					
1. North Quay - Passenger/ G.C./LB	8.5	198	...	56	60
2. West Quay 1 - G.C./Other Liquid Cargo	11.0	171	...	49	45
3. West Quay 2 - General Cargo/RO-RO/LB	12.0	171	...	30	20
4. Centre Quay - General Cargo/Food Grains	12.0	171	...	48	42
5. West Quay 3 - General Cargo/Food Grains	12.0	171	...	59	56

Table 1.4 Contd...

Berths Available at Major Ports

(As on 31.3.2016)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2014-15	2015-16
1	2	3	4	5	6
6. West Quay 4 - Fert./General Cargo/Passenger	11.0	171	...	57	56
7. South Quay 1 - Fert./General Cargo/Dry Bulk	9.5	246	...	61	76
8. South Quay 2 - Fert./General Cargo/Dry Bulk/LB	9.5	179	...	52	32
Jawahar Docks					
11. J.D.1 - Fertilizer/Dry Bulk	11.5	218	...	60	48
12 J.D.2 - Under BRS/Fertilizer/Dry Bulk	12.0	218	...	55	46
13. J.D.3 - Fertilizer/Dry Bulk	12.0	218	...	73	46
14. J.D.4 - Other Ores/Coal	11.0	218	...	52	44
15. J.D.5 -Fertilizer/Dry Bulk	12.0	218	...	13	45
16. J.D.6 - Other Ores/Coal	11.0	218	...	97	37
Bharathi Docks					
17. B.D.1 - POL	14.6	356	...	56	67
18. B.D.2 - Iron Ore/Liquid	16.5	382	...	67	76
19. B.D.3 - POL	16.5	325	...	66	68
Container Terminal					
20. CT-1 - Containers	13.4	200	...	0	0
21. CT-2 - Containers	13.4	200	...	34	26
22. CT-3 - Containers	13.4	200	...	55	59
23. CT-4 - Containers	13.4	285	...	52	59
International Terminal					
24. SCB-I - Containers	12.0	287	....	65	57
25. SCB-II - Containers	12.0	270	....	47	53
26.SCB-III-Containers	12.0	275	....	45	43
KAMARAJAR					
Coal Berth - 1	13.5	280	77000	93	91
Coal Berth - 2	13.5	280	77000	87	95
Marine Liquid Terminal-1-POL/Chemicals	13.5	360	150000	87	100
CICT- Coal	13.5	325	150000	81	72
GCB Automobiles/Project Cargo	10.0	278	70000	19	21
SIOT*	13.5	347.5	150000	-	-
VISAKHAPATNAM					
Inner Harbour					
Multipurpose Berths					
East Quay - 1	12.5	280	...	31	9
East Quay - 2	10.06	55	...	@	-
East Quay - 3	10.1	168	...	71	57
East Quay - 4	10.1	231	...	71	49
East Quay - 5	11.0	168	...	70	68
East Quay - 6	11.0	183	...	70	45
East Quay - 7	11.0	255	...	79	65
East Quay - 8	11.0	255	...	61	51
East Quay - 9	11.0	255	...	74	41
East Quay -10	10.0	182	...	-	-
West Quay - 1	12.5	212	...	70	65
West Quay - 2	12.5	227	...	76	67
West Quay - 3	12.5	201	...	78	66
West Quay - 4	11.0	243	...	79	58
West Quay - 5	11.0	242	...	68	45
West Quay -6 @	11.0	255	...	-	12
Captive Berths					
Oil Refinery Berth - 1-POL	10.1	183	...	79	74

@EQ6 berth commissioned w.e.f. 10.08.2015

@WQ-2 berth was de-commissioned w.e.f.24.6.2012

REWQ1 berth (Small Jetty) commenced for operation w.e.f.21.05.2015 after strengthening during the Year.

Note: The permissible drafts at different berths are subject to availability of tide.

Table 1.4 Contd...

Berths Available at Major Ports

(As on 31.3.2016)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2014-15	2015-16
				1	2	3	4	5	6
Oil Refinery Berth - 2-POL	9.8	183	...	82	73
Fertiliser Berth-Fert./Raw Material/Liquid Ammonia	10.1	173	...	25	35
Outer Harbour					
1. VGCB - General cum Bulk Cargo@-Multipurpose	18.1	356	...	78	65
Captive Berths					
OB -Iron Ore/Coking Coal/Steam coal	16.5	270	...	68	23
OB -2 Iron Ore/Coking Coal/Steam coal				61	42
OSTT - Crude Oil	17.0	408	...	55	-
LPG -POL/LPG	14.0	371	...	70	66
VCT- Containers	14.5	451		57	67
SPM-CRUDE OIL				22	-
FB	-	-	-	-	35
REWQ I **	-	-	-	-	10
PARADIP					
Iron Ore Berth-Iron Ore	13.0	260	70,000	79	31
East Quay - I -General	11.0	} 260	60000	86	67
East Quay - II-General	11.5		60000	84	66
East Quay - III-General	12.0		70000	82	82
South Quay-General	12.5	230	60000	95	86
Central Quay - I-General	14.5	} 230	95000	94	80
Central Quay - II-General	12.8		95000	87	85
Central Quay - III-General	12.5		95000	61	18
Fertiliser Berth - I	12.5	230	95000	56	57
Fertiliser Berth - II	12.5	230	95000	75	74
Multipurpose Berth-General	12.5	190	95000	85	38
Coal Berth - I	14.0	} 260	80000	89	83
Coal Berth - II	14.0		80000	89	85
Oil Jetty	13.5	230	80000	48	73
SPM - Crude Oil	23.0	370	32000	34	38
RO-RO Jetty- P. Cargo	5.0	90	10000	-	-
KOLKATA DOCK SYSTEM					
Kidderpore Dock (KPD)					
1 KPD- General	8.0	133	Around 25000 depending on parcel load +	47	60
3 KPD -General	8.7	128		48	47
4 KPD-General	8.5	136		64	68
5/7 KPD- General	8.7	229	-do-	66	88
6 KPD-General	8.2	118	-do-	31	33
8 KPD- General	8.5	128	-do-	84	100
9 KPD- General	8.7	108	-do-	29	40
10 KPD- General	8.5	161	-do-	47	54
11 KPD (Passenger & Coastal)	8.5	151	-do-	100	47
12 KPD(Passenger & Coastal)	8.9	143	-do-	95	76
22 KPD-General	8.7	151	-do-	76	70
23 KPD-General	8.7	147	-do-	100	100
24 KPD-General	8.7	152	-do-	81	77
25 KPD-General	8.5	169	-do-	84	59
26 KPD-General	8.4	185	-do-	37	47
27 KPD-General	8.2	195	-do-	50	76
28 KPD-General	8.4	195	-do-	82	50
29 KPD-General	8.4	185	-do-	100	71

+ Vessels with higher DWT/ Parcel load are handed at Anchorage.

* Pol Crude Tanker of much higher DWT can be handled at anchorages

\$ KPD berth drafts governed by Turning Basin Draft which is 8.2 mtr. At present. Normally KDS dock draftare governed by river drafts available.

In additional, capacity of 2KPD (holding berth) is 0.099 mt, that of 19 KPD (Coal Berth) is 0.149 mt.and capacity available at Anchorage is 4.576 mt (approx)

Table 1.4 Contd...

Berths Available at Major Ports

(As on 31-03-2016)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2014-15	2015-16
1	2	3	4	5	6
Netaji Subhash Dock (NSD)					
1 NSD-General/Heavy Cargo	8.2	200	-do-	44	49
2 NSD-General Cargo	8.5	187	-do-	48	49
3 NSD-General Cargo	8.7	183	-do-	66	63
4 NSD-Container	8.5	181	Around 21000	80	81
5 NSD-Container	8.6	182	-do-	57	76
7 NSD-Container	8.7	192	-do-	54	64
8 NSD-Container	8.0	225	Around 25000	77	77
12 NSD-Liquid Cargo	8.0	152	depending on parcel load	38	60
13 NSD-General Cargo	8.4	174		53	57
14 NSD-General Cargo	7.2	174	-do-	47	52
Buj Buj Jetties					
1 BB-Liquid Cargo	13.7	189	Around 38000*	43	55
2 BB-Liquid Cargo	11.1	116	-do-	14	16
3 BB-Liquid Cargo	11.2	163	-do-	23	36
5 BB-Liquid Cargo	12.3	189	-do-	25	35
7 BB-Liquid Cargo	10.7	137	-do-	52	40
8 BB-Liquid Cargo	9.1	189	-do-	47	42
HALDIA DOCK COMPLEX					
HOJ-I - POL, Amonia & Chemical	12.2	236	90000	78	82
HOJ-II - POL	12.2	277	150000	67	69
HOJ-III- POL Crude	12.5	275	150000	9	32
Berth No.2 - Multipurpose Berth handling Dry Bulk	10.0	238	75000	86	86
Berth No. -3- Multipurpose Berth handling POL, Iron Ore & other bulk	12.2	239	75000	49	84
Berth No. - 4 -Thermal Coal (Mechanised)	12.2	239	75000	34	60
Berth No. - 4 A- Coking Coal (Mechanised)	12.2	230	75000	66	71
Berth No. - 4 B - Multipurpose-Dry Bulk & Break Bulk	12.2	180	75000	77	84
Berth No. 5 - Coking Coal & FRM (Dry)-Mechanised	12.2	183	75000	90	94
Berth No. 6 - Multipurpose-Dry Bulk, Break Bulk & Liquid Bull	12.2	212	75000	84	85
Berth No. 7 - Multipurpose-Dry Bulk, Break Bulk & Liquid Bull	12.2	212	75000	82	80
Berth No. 8 - Multipurpose-Dry Bulk, Break Bulk & Liquid Bull	12.2	**220	75000	84	88
Berth No. 9 - Multipurpose-Dry Bulk, Break Bulk & Container	12.2	**210	75000	98	90
Berth No. 10 - Multipurpose-Dry Bulk, Break Bulk & Containe	12.2	**210	75000	19	20
Berth No. 11 - Multipurpose-Dry Bulk, Break Bulk & Containe	12.2	**210	75000	46	41
Berth No. 12 - Multipurpose-Dry Bulk & Break Bulk	12.2	**210	75000	62	81
Berth No. 13 - Multipurpose-Dry Bulk & Break Bulk	10.0	**210	75000	84	93

* POL Crude Tankers of much higher DWT can be handled at anchorages.

Note(1) vessels with maximum beam of 33 metres can enter the impounded dock system. There is no beam restriction of vessels at Oil Jetties

(2) There are two barge handling jetties for handling POL Products with a capacity of 0.50 million tonnes

** Multiple vessels within a total LOA of 1270 metres can be simultaneously accommodated from Berth No.8 to 13

Source: Major Ports

Table 1.5

Storage Facilities Available at Major Ports

(As on 31.3.2016)

Port/Type	Dry Storage Accomodation		Liquid Storage Tanks			
	No.	Area(Sq.mts)/ Capacity	No.	Location	Capacity	Type of Cargo
1	2	3	4	5	6	7
1. KANDLA						
(a) Dry Cargo Storage accomodation						
Covered area						
i) Transit Sheds			21	Outside	2375000 KLS	All kind liquid cargoes
ii) Ware-Houses/Godowns	34	203000				
Open Area**						
Kutcha Plots		1663000				
Pucca Plots						
Other (Private/Users agencies)						
Godowns by CWC	1	3000				
2. MUMBAI						
(a) Covered area						
i) Transit Sheds	30	138843	2	Jawahar Deep	5316KLS	POL Products and Fresh Water
ii) Ware-Houses	23	131843				
(b) Open Area						
i) Inside Docks	64	501363	19	Jawahar Deep	254322 KLS	POL
			77	Carnac Bunder	62000 KLS	Chemical
			82	Hay Bunder	124100 T	Molasses/Veg Oil
(c) Container Yards						
i) Inside Docks			2	Pir Pau	45682 Sq.M.	LPG
			7	Pir Pau	6129 TEUs	Chemicals
ii) Outside Docks						
3. MORMUGAO						
(a) Covered area						
			4	Port Area	11840 KL	PFAD / caustic soda
i) Transit Sheds/Overflow sheds.	4	20075				
ii) Ware-Houses	3	4860	1	Port Area	5000 KL	Ammonia
iii) Ware-Houses- CWC & FCI	4	14480	5	Vasco City	34660 KL	POL Products
(b) Open Area						
Open	5	199667	3	Vasco City	22500 KL	Phosphoric Acid
Other Area			7	Port Area	10960	Other Liquid Products
Open	2	41000	4	Port Area	92000	Other Liquid Products
	1	35641				
	84	-				
(c) Container Yards						
			1	Inside	14823	
			1	Outside	19466	

Table 1.5 Contd.

Storage Facilities Available at Major Ports

(As on 31.3.2016)

Port/Type	Dry Storage Accomodation		Liquid Storage Tanks			
	No.	Area(Sq.mts)/ Capacity	No.	Location	Capacity	Type of Cargo
1	2	3	4	5	6	7
4. NEW MANGALORE						
i) Transit/Overflow Sheds B.N.O	4	14852	55	Wharf Area	230645	Chemicals/POL/Molasses
ii) Covered Ware-Houses	5	16200				/Edible Oil
iii) Open Stack Yard (CWC)	8	160504	5	Wharf Area	33500(T)	Phosphoric Acid/
iv) Other Gowdowns	10	37004				Ammonia/Edible Oil.
			3	Wharf Area	1015000 (T)	Cement Silos(3)
5. J. L. NEHRU						
i) CFS- JNP			157	Outside	957916 KL	A,B,C class of chemicals,
ii) CFS-Private			Tank Farms			POL Products. Edible
iii) Open Area-Inside Port						Oil & other liquids.
6. COCHIN						
(a) Covered area						
i) Transit Sheds	7	22282	10	W/Island	594491	POL & Chemical
ii) Ware-Houses	5	14780				
iii) Other Sheds	1	10000				
iv) CFS	1	10000				
(b) Open Area						
i) Open Space	1	125000				
ii) CFS Yard	1	20000				
(c) Container Yards						
Open			3	outside port	78800	
			1	inside port	462 TEUs	
			64	inside port		
7. V.O. Chidamabaranar						
(a) Covered area						
i) Transit Sheds	2	10800	3	VOC Wharf Berth IV		
ii) Ware - Houses	3	14940	37	Outside		
iii) Other covered area						
vi) Private Warehouses						
(b) Open Area						
		3150000				
i) General cargo	-	560000				
ii) Container	14					
iii) Ware house	23					
vi) Reefer		116				
8. CHENNAI						
A. Port Owned						
(a) Covered area						
i) Transit / Overflow Sheds	7	37238	20	Area-I	74402KL	Edible Oil /Molasses
ii) Ware-Houses	4	24329		Area-I	18000KL	Edible Oil /Molasses
iii) Container Freight station		-		Area-IV	9966KL	Edible Oil & Palmolien Oil
(b) Open Area						
		1239652		Area-IV	11796KL	Edible Oil

Table 1.5 Contd.

Storage Facilities Available at Major Ports

(As on 31.3.2016)

Port/Type	Dry Storage Accomodation		Liquid Storage Tanks			
	No.	Area(Sq.mts)/ Capacity	No.	Location	Capacity	Type of Cargo
1	2	3	4	5	6	7
B. Others (Area Allotted)			33	Area-IV	304536KL	Phosphoric Acid, Lube Oil, Black Oil, & White Oil
(a) Covered area						
i) Inside port		54310				
ii) Outside port		-				
(b) Open Area						
i) Inside port						
ii) Outside port		25589				
C. Container						
Covered area			1	6000		
9. VISAKHAPATNAM						
A. Port Owned						
(a) Covered area						
i) Transit Sheds/overflow shede	2	6850	203	-	2197010	Crude LPG POL Chemicals
ii) Storage sheds	12	37570				
ii) Ware- Houses	1	10482	-	-	-	-
(b) Open Area						
i) Bulk cargo	...	1300968	-	-	-	-
ii)Liquid storages	5	79700				
Containers					99320	
Outside						
10. PARADIP						
(a) Covered area						
i) Transit Sheds/Over flow sheds	1	1400	36	Outside Port	243000 KL	POL Products
ii) Ware - Houses	2	7711	18	Outside Port	154000Kls	FRM (liquid)
iii) Container Freight Station	1	1000 TEUs	14	Outside Port	135000kls/	POL (crude)
(b) Open Area		1963011	15	Outside Port	900000KIS	POL
11. KOLKATA DOCK SYSTEM						
A. Port Owned (inside port)						
(a) Covered area						
i) Transit Sheds	26	134722	3	Outside Port	4500 KL	Vegetable Oil
ii) Ware-Houses	3	10794	42	Inside Port	82095 KL	Vegetable Oil
iii) Container Freight Station	1	9000	118	Inside Port	380883 KL	POL
		144 TEUs Reefer	12	Outside Port	81114 KL	POL
			14	Inside Port	6070 KL	Chemicals
(b) Open Area		223000				
		12000 TEUs Normal				
B. Others (outside port)						
(a) Covered area						
i) Container Freight Station	4	...	1	Inside Port	9000 144TEUs	
ii)Container yard			-	Container yard 133000	12000 TEUs	
12. HALDIA DOCK COMPLEX						
(a) Covered area						
i) Transit/Overflow Sheds	4	29000*				
(b) Open Area	11	892840 **				
(c) Container	1	5000 (TEUs)				
13. ENNORE						
Open Area						
Harberne Area Dry Cargo	1	199500				
Coal/Iron Ore Stackyard	2	1014964	64	Port	254478	POL/Chemical

* Includes Transit sheds area leased to the Port users inside the dock.

** Includes storage area leased to port users inside the dock.

Source -Major Ports

Table 1.6

Commodity-Wise Capacity Available at Major Ports

(In Million Tonnes)

Commodities	KDS	HDC	PPT	VPT	EPL	ChPT	V.O.C.	CoPT	NMPT	MoPT	MbPT	KPT	JNPT	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL														
As on 31.3.11	4.11	17.00	21.00	17.65	3.00	11.80	2.30	18.70	23.37	1.50	32.00	62.83	5.50	220.76
As on 31.3.12	4.50	17.00	21.00	17.65	3.00	15.27	2.30	19.01	23.37	1.50	32.00	66.60	5.50	228.70
As on 31.3.13	4.50	17.00	43.00	17.65	3.00	17.67	2.30	19.01	49.17	1.50	32.00	66.60	5.50	278.90
As on 31.3.14	4.50	17.00	43.00	25.65	3.00	17.67	2.30	24.01	49.17	1.50	32.00	66.60	5.50	291.90
As on 31.3.15	4.50	17.00	53.00	27.49	4.00	17.67	2.30	24.01	49.17	1.50	32.00	66.60	6.50	305.74
As on 31.3.16	4.50	17.00	54.50	27.49	4.00	17.67	3.15	24.01	49.17	1.50	34.50	70.82	6.50	314.81
Iron Ore														
As on 31.3.11	-	8.00	4.50	12.50	6.00^	8.00	-	-	7.50	33.00	-	-	-	73.50
As on 31.3.12	-	8.00	4.50	12.50	6.00	8.00	-	-	7.50	33.00	-	-	-	79.50
As on 31.3.13	-	6.00	4.50	12.50	6.00	8.00	-	-	7.50	27.50	-	-	-	72.00
As on 31.3.14	-	6.00	4.50	12.50	6.00	8.00	-	-	7.50	27.50	-	-	-	72.00
As on 31.3.15	-	6.00	4.50	12.50	6.00	8.00	-	-	7.50	27.50	-	-	-	72.00
As on 31.3.16	-	6.00	6.39	12.50	6.00	8.00	-	-	7.50	27.50	-	-	-	73.89
Coal														
As on 31.3.11	-	7.00	20.00	-	21.00	-	6.25	-	-	-	-	-	-	54.25
As on 31.3.12	-	7.00	20.00	-	21.00	-	12.55	-	5.40	-	-	-	-	65.95
As on 31.3.13	-	7.00	20.00	-	21.00	-	12.55	-	5.40	-	-	-	-	65.95
As on 31.3.14	-	7.00	20.00	-	21.00	-	12.55	-	5.40	-	-	-	-	65.95
As on 31.3.15	-	7.00	21.00	-	24.00	-	12.55	-	5.40	4.61	-	-	-	74.56
As on 31.3.16	-	9.00	21.00	-	32.00	-	24.18	-	5.40	8.94	-	-	-	100.52
Fertiliser														
As on 31.3.11	-	-	7.50	1.00	-	-	-	0.80	-	-	-	-	-	9.30
As on 31.3.12	-	-	7.50	1.00	-	-	-	0.80	-	-	-	-	-	9.30
As on 31.3.13	-	-	7.50	1.00	-	-	-	0.80	-	-	-	-	-	9.30
As on 31.3.14	-	-	7.50	1.00	-	-	-	0.80	-	-	-	2.00	-	11.30
As on 31.3.15	-	-	7.50	1.00	-	-	-	0.80	-	-	-	2.00	-	11.30
As on 31.3.16	-	-	7.50	1.87	-	-	-	0.80	-	-	-	2.00	-	12.17
Break-Bulk Cargo														
As on 31.3.11	6.51	14.70	23.50	31.28	1.00	17.92	13.49	8.98	14.70	7.40	11.53	16.88	0.90	168.79
As on 31.3.12	6.74	14.75	27.30	32.50	1.00	17.92	13.49	9.55	14.70	7.40	11.53	17.42	0.90	175.20
As on 31.3.13	6.74	12.75	27.30	33.50	1.00	17.92	13.49	12.35	14.70	7.40	11.53	19.42	0.90	179.00
As on 31.3.14	6.74	15.75	33.80	47.09	1.00	17.92	22.21	12.35	15.70	7.65	11.53	26.52*	0.90	192.64
As on 31.3.15	6.74	15.75	33.80	53.09	3.00	17.92	24.70	12.35	15.70	10.15	11.53	45.63	0.90	251.26
As on 31.3.16	6.74	29.89	37.55	59.69	3.00	22.92	24.70	12.35	15.70	10.85	14.83	51.04	0.90	290.16
Container														
As on 31.3.11	5.73	4.00	-	2.50	-	42.00#	5.00	12.50**	-	-	1.00*	7.20	57.60@	137.53
As on 31.3.12	5.90	4.00	-	2.68	-	42.00	5.00	12.50	-	-	1.00	7.20	57.60@	137.88
As on 31.3.13	5.90	4.00	-	2.68	-	42.00	5.00	12.50	-	-	1.00	7.20	59.48 @	139.76
As on 31.3.14	5.90	4.00	-	2.68	-	42.45	5.00	12.50	-	-	1.00	7.20	59.48 @	140.21
As on 31.3.15	9.86	4.00	-	2.68	-	42.45	5.00	12.50	-	-	1.00	7.20	71.97	156.66
As on 31.3.16	9.86	4.00	-	6.20	-	44.85	7.23	12.50	-	-	0.00	7.20	81.97	173.81
TOTAL														
As on 31.3.11	16.35	50.70	76.50	64.93	25.00	37.72	27.04	28.48	45.57	41.90	43.53	86.91	64.00	608.63
As on 31.3.12	17.14	50.75	80.30	66.33	31.00	83.19	33.34	41.86	50.97	41.90	44.53	91.22	64.00	696.53
As on 31.3.13	17.14	46.75	102.30	67.33	31.00	85.59	33.34	44.66	76.77	36.40	44.53	93.22	65.88	744.91
As on 31.3.14	17.14	49.75	108.80	88.92	31.00	86.04	42.06	49.66	77.77	36.65	44.53	75.80	65.88	774.00
As on 31.3.15	21.10	49.75	119.80	96.76	37.00	86.04	44.55	49.66	77.77	43.76	44.53	121.43	79.37	871.52
As on 31.3.16	21.10	65.89	126.94	107.75	45.00	93.44	59.26	49.66	77.77	48.79	49.33	131.06	89.37	965.36

Figure in the parenthesis indicate the number of berths. BJ Barge jetties, T-Transhippers, A-Anchorage, SBM-Single Buoy Mooring

Source : Development Wing - Department of Shipping.

Table 1.7

Number of Berths Available at Major Ports

Commodities	P O R T S														Total
	KDS	HDC	PPT	VPT	KPL	ChPT	V.O.C.	CoPT	NMPT	MoPT	MbPT	KPT	JNPT		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
POL															
31.3.11	7+A	3+2BJ	1+SBM	4	1	2	1	3+SBM	4	1	5	8+3SBM+A	2	42+2BJ+A+55BM	
31.3.12	7+A	3+2BJ	1+SPM	4	1	2	1	3+SPM	4	1	5	8+3SBM+A	2	42+SBM+2BJ	
31.3.13	7+A	3+2BJ	1+3SPM	4	1	2	1	3+1SPM	5+1SPM	1	5	8+3SBM+A	2	43+8SBM+2BJ	
31.3.14	7+A	3+2BJ	1+3SPM	4+1 SPM	1	2	1	4+1SPM	5+1SPM	1	5	8+3SBM+A	2	44+8SBM+2BJ	
31.3.15	7+A	3+2BJ	2+3SPM	5+1 SPM	1	2	1	4+1SPM	5+1SPM	1	5	8+3SBM+A	2	46+9SBM+2BJ	
31.3.16	7+A	3+2BJ	2+3SPM	5+1 SPM	1	2	1	4+1SPM	5+1SPM	2	6	8+3SBM+A	3	49+9SBM+2BJ	
IRON ORE															
31.3.11	-	2	1	1	1	1	-	-	1	1+TRANS	-	-	-	8+TRANS	
31.3.12	-	2	1	1	1	1	-	-	1	1+TRANS	-	-	-	8+TRANS	
31.3.13	-	2	1	1	1	1	-	-	1	1+3TRANS	-	-	-	8+3TRANS	
31.3.14	-	2	1	1	1	1	-	-	1	1+3TRANS	-	-	-	8+3TRANS	
31.3.15	-	2	1	1	1	1	-	-	1	1+3TRANS	-	-	-	8+3TRANS	
31.3.16	-	2	1	1	1	1	-	-	2	1+3TRANS	-	-	-	9+3TRANS	
COAL															
31.3.11	-	2	2	-	3	-	2	-	-	-	-	-	-	9	
31.3.12	-	2	2	-	3	-	3	-	1	-	-	-	-	11	
31.3.13	-	2	2	-	3	-	3	-	1	-	-	-	-	11	
31.3.14	-	2	2	-	3	-	3	-	1	-	-	-	-	11	
31.3.15	-	2	2	-	3	-	3	-	1	1	-	-	-	12	
31.3.16	-	2	2	-	4	-	4	-	1	1	-	-	-	14	
FERTILISER															
31.3.11	-	-	2	1	-	-	-	1	-	-	-	-	-	4	
31.3.12	-	-	2	1	-	-	-	1	-	-	-	-	-	4	
31.3.13	-	-	2	1	-	-	-	1	-	-	-	-	-	4	
31.3.14	-	-	2	1	-	-	-	1	-	-	-	-	-	4	
31.3.15	-	-	2	1	-	-	-	1	-	-	-	1	-	5	
31.3.16	-	-	2	1	-	-	-	2	-	-	-	2	-	7	
BREAK BULK															
31.3.11	22+A	8	9	15	1	14	10+BZone	12	8	4	25	11	1	140+B Bzone	
31.3.12	22+A	8	9	15	1	14	10	12	8	4	25+A	11	1	140+A	
31.3.13	22+A	8	9	15	1	14	10	12	8	4	25+A	12	1	141+A	
31.3.14	22+A	8	9	15	1	14	10	12	8	4	25+A	13	1	142+A	
31.3.15	22+A	8	9	16	1	14	10	12	8	4	25+A	14	1	144+A	
31.3.16	22+A	8	9	16	1	14	10	12	8	4	27+A	14	1	146+A	
CONTAINER															
31.3.11	4	2	-	1	-	7	1	3	-	-	1	2	9	30	
31.3.12	4	2	-	1	-	7	1	2	-	-	1	2	9	29	
31.3.13	4	2	-	1	-	7	1	2	-	-	1	2	9	29	
31.3.14	4	2	-	1	-	7	1	2	-	-	1	2	9	29	
31.3.15	4	2	-	1	-	7	1	2	-	-	1	2	9	29	
31.3.16	4	2	-	2	-	7	1	2	-	-	-	2	9	29	
TOTAL															
31.3.11	33+A*	17+2BJ	15+1SBM	22	6	24	14+BZone	19+1 SPM	13	6+TRANS	31+A	21+3SBM+A	12	2BJ+B Zone+A 233+2 BJs+A Zone+ TRANS+5SBM	
31.3.12	33+A	17+2BJ	15+SPM	22	6	24	15	18+ SPM	14	6+TRANS	31+A	21+3SBM+A	13	234+5SBM+Trans+2BJ+A	
31.3.13	33+A	17+2BJ	15+3SPM,	22	6	24	15	18+1SPM	15+1SPM	6+3TRANS	31+A	22+3SBM+A	12	236+8ABM+3TRANS+2BJ+A	
31.3.14	33+A	17+2BJ	15+3SPM,	22+1SPM	6	24	15	19+1SPM	15+1SPM	6+3TRANS	31+A	24+3SBM+A	12	239+9ABM+3TRANS+2BJ+A	
31.3.15	33+A	17+2BJ	16+3SPM,	24+1SPM	6	24	15	19+1SPM	15+1SPM	7+3TRANS	31+A	25+3SBM+A	12	244+9SBM+3TRANS+2BJ+A	
31.3.16	33+A	17+2BJ	16+3SPM,	25+1SPM	7	24	16	20+1SPM	16+1SPM	8+3TRANS	33+A	26+3SBM+A	13	254+9SBM+3TRANS+2BJ+A	

BJ - Barge Jetty
VJs= Virtual Jetties

A - Anchorage

SBM - Single Buoy Mooring

TRANS - Transhipper

B Zone : Small vessels handled at Zone B-Tuticorin.

Source : Development Wing, M/o Shipping.

Table 1.8

Cargo Handling Equipment Available at Major Ports (As on 31.3.2016)

(In Nos.)

Port	Crane				Fork Lift Truck	Tractor	Trailer	Shovel Dozer & Pay Loader	Locomotive
	Mobile	Wharf	Container						
			Quay	Yard					
1	2	3	4	5	6	7	8	9	10
Kolkata Dock System	7	1	-	4RGTs	11 \$	8	28	-	2
Haldia Dock Complex	2	-	-	1	7	1	5	12	11
Paradip	7^	2	-	-	-	-	-	-	7 ^^
Visakhapatnam	2	18	-	-	-	-	-	6	18
Chennai	3	6	14*	40*	2+7*		94*	-	10
V.O.Chidambaranar	-	5	3*	8*	3	-	-	-	1
Cochin	1Port+2*	-	4*	15*	21Port+9*	-	30*	-	-
New Mangalore\$\$	1	-	-	-	5\$\$	-	-	-	-
Mormugao	1	-	-	-	10	-	-	-	2
Mumbai ##	5	11	-	-	34 @	5	-	-	4
J. L. Nehru	2	-	9+22*	23+91*	13+10*	20+128*(Hired) 270*		4**	-
Kandla	-	16	-	-	9	3	1	2	-
All Ports	33	59	52	182	132		512	24	55

*: Under BOT Operators.

(\$) 11 FLT's

**: 2 Pay Loaders, 1 Excavator, 1 JCB.

In addition, Floating Crane-1.

^: 7 cranes Harbour cranes are provided by Pvt. Operator.

^^ Besides the above 7 nos. Of locomotives, another 2 nos. of locomotives are hired from RITES.

\$\$ - Including 1 no. of 10 tonnes capacity, 2 nos. of 3 tonnes capacity of Forklift Truck and 2 nos. of Reach Stacker

@ Included of 10 electric forklifts trucks for departmental use and 1 floating Crane.

Source:-Indian Ports Association.

Table 1.9

Container Handling Facilities Available at Major Ports

(As on 31.3.2016)

Port	No. of Berths	Vessel Size (IN DWT)	Equipment					
			Quay Side	Yard Gantry	Toplift Trucks/ Reach Stackers	Forklift	Tractors	Trailers
			Gantry Cranes	Cranes				
1	2	3	4	5	6	8	7	9
KOLKATA DOCK SYSTEM @	4	21,000	-	-	*	Medium duty	Hippo 40T	22X10T 2X20T 2X25T 2X35T
HALDIA DOCK COMPLEX	2	40,000	-	1x30 T	1X35T	7	1x10T	5
VISAKHAPATNAM	1(Under BOT Operator)	1,00,000	RMQC-2Nos. 2x35.6T (SWL)	RTGC - 2 Nos.	2x45T 2x10T	1x5T	-	16
CHENNAI	7	95,000	14	40	1ECH -1 RS 2 (ECH= Empty Container Hanler, RS=Reach Stacker)	4		94
V.O.Chidambaranar	1(Under BOT Operator)	47,000	3x40T (SWL)	8x35T (SWL)	-	-	12x50T (SWL)	12x50T (SWL)
COCHIN #	2(Under BOT Operator)	1,00,000	4	15	2/3	4	-	30 (Leased by BOToperator)
J.N.P.T.- JNPCT (Port's own)	2 + 1 Shallow Berth (##)	150000	9x50 T 3x50 T	RTGC- 18x40T RMGT -2x35.5T RMGC- 3x65TT	R/S- 9X45T(Hired)	F/L-2X5/10T	20+110(Hired)	
NSICT (BOT Operator)	2	150000	8x50 T	RTGC- 29x40T RMGC- 3x40T	R/S-2x45T E/H-2X8T	- -	110(Hired)	
GTIPL (BOT Operator)	2	1,50,000	10x61 T	RTGC- 40x50/61 RMGC- 3x61T	R/S-2X45T E/H-2X8T		130(Hired)	
NSGIT (BOT Operator)	1	2,10,000	4x65 T	16x40 T	R/S-1X45T E/H-1X8T	1X5T 2X3T	30(Hired)	
MUMBAI	1	42,000	2x35.5 T	3x35.5 T (RTG)	2x42T(**) 2x45T(**)	47	27	-
KANDLA	2	50000		Wharf Cranes-16	2	9	3	1

*: In addition, 6 no. Reach Stackers of 45 T capacity each have been hired by Port.

@ Two Mobile Harbour Cranes alongwith 2 Reach Stackers are also used on Own -Operated -Maintain (OOM) basis.

In addition, 2 Mobile Harbour Cranes and 1Hydra Crane.

##: Shallow berth is also used for handling of bulk and liquid cargo.

** Reach Stackers

Source: Indian Ports Association

Table 1.10

Berthing Facilities Available at Non-Major Ports

(As on 31.3.2016)

Name of the Port	Intermediate/ Minar	Max.Depth available at anchorage(mts)	Berth Type	No. of Berths by existing Draft				
				Below 2 meters	2-4 meters	4-6 meters	6 meters above	Total
1	2	3	4	5	6	7	8	9
GUJARAT								
Dahej								
Adani Petronet Port Private Ltd	Minor	24.00	Soild cargo Berth	1	-	-	2	3
Petronet LNG Ltd	Minor	35.00	LNG Jetty	-	-	-	1	1
Chemical Port Terminal Co. Ltd	Minor	22.00	Motor Tanker Berth	-	-	-	1	1
Harbour Infrastructure Ltd.	Minor	20.00	Multi Purpose	-	-	-	1	1
Reliance Marine Terminal Port facility	Minor	12.00	Gas & Chemical Jetty	-	1	-	-	1
Hazira								
Hazira Port Private Ltd	Minor	25.00	LNH	-	-	-	1	1
Adani Hazira Port Private Ltd	Minor	25.00	Bulk Berth	-	-	-	1	1
Larsen & Tubro Ltd	Minor	12.00	-	1	2	-	-	3
Reliance Industries Ltd	Minor	25.00	Gas & Chemical Jetty	-	3	-	-	3
Essar Bulk Terminal Ltd Pipavav	Minor	20.00	Fixed Berth	-	2	-	-	2
Pipavav Port Ltd.		16.00	1 LPG 1 Container 3 Multipurpose	-	-	-	5	5
Ultratech Cement Ltd	Minor	20.00	Captive Berth	-	-	-	1	1
Mundre								
Adani Ports and Special Economic zone Ltd.	Minor	30.00	Pile Berths	-	-	-	17	17
Sikka								
Shree Digvijay Cement Co. Ltd.	Minor	25.00	Shallow water Tidal port/ Wharf	-	1	-	-	1
Bharat Oman refinery Ltd.	Minor	32.00	SPM	-	-	-	1	1
State Fertiliser Co.Ltd.	Minor	25.00	Liquid cargo Berth	-	-	-	1	1
Reliance Industries Ltd.	Minor	37.00	SPM	-	-	-	5	5
Jakhu								
Sanghi Industries Ltd Muldwarka	Minor	15.00	Pile Berth	-	-	3	-	3
Ambuja Cement Ltd	Minor	23.00	Pile & Breakwater jetty	-	-	2	2	4

**Table 1.10
(Contd...)**

Berthing Facilities Available at Non-Major Ports

(As on 31.3.2016)

Name of the Port	Intermediate/ Minor	Max.Depth available at anchorage(mts)	Berth Type	No. of Berths by existing Draft				
				Below 2 meters	2-4 meters	4-6 meters	6 meters above	Total
1	2	3	4	5	6	7	8	9
GUJARAT(Contdö)								
Okha	Intermediate	12.80	Sayaji pier (East)	-	-	-	-	-
			D.C.B	-	-	-	1	1
			Sheet piled wharf	1	-	-	-	1
			Light Cargo	1	-	-	-	1
			Passenger Jetty	1	-	-	-	1
Bhavnagar	Intermediate	12.00	1) Concrete Jetty	-	1	-	-	1
			RCC piles with slab with docking	-	-	-	-	-
			2) Akwada Wharf	-	1	-	-	1
			RCC wall	-	-	-	-	-
			3) North Quay RCC with Well foundation	-	1	-	-	1
Jafarabad	Intermediate	14.00	Clinkers jetty	-	1	-	-	1
			T Shape jetty	1	-	-	-	1
			Captive jetty	-	1	-	-	1
(a)Victor	Minor	11.60	Along side wharf(east)	1	-	-	-	1
			Along side wharf (west)	-	-	-	-	-
			LPG	-	-	-	1	1
Navalakh	Intermediate	2.00	Jetty/wharf	2	2	-	-	4
Magdalla	Minor	15.00	RCC Jetty	-	11	-	-	11
			Wharf	-	2	-	-	2
Valsad	Minor	No Anchorage fixed	RCC Jetty	1	-	-	-	1
Kolak	Minor	No Anchorage fixed	RCC Fishing Jetty	1	-	-	-	1
Vansi Borsi	Minor	11.00	RCC Fishing Jetty	-	-	-	-	-
Onjal	Minor	11.00	RCC Fishing Jetty	1	-	-	-	1
Umergaon	Minor	No Anchorage fixed	RCC Jetty	-	1	-	-	1
Umarsadi	Minor	No Anchorage fixed	Fishing Jetty	1	-	-	-	1
Billimora	Minor	No Anchorage fixed	Wooden jetty	3	-	-	-	3
			RCC Jetty	1	-	-	-	1
Porbandar	Minor	12.00	Deep water Berth	-	-	-	1	1
Bedi	Intermediate	16.00	Block wharf	-	2	1	-	3
Mandvi	Minor	10.00	Wharf	-	2	-	-	2
GAPL	Intermediate	28.00	T type fingure berth	-	-	-	4	4
			Barge Berth	-	-	-	1	1
Veraval	Intermediate	13-14	Direct berth for small coaster with Fair Weather port	-	1	-	-	1

Table 1.10 (Contd...)

Berthing Facilities Available at Non-Major Ports

(As on 31.3.2016)

Name of the Port	Intermediate/ Minor	Max.Depth available at anchorage	Berth Type	No. of Berths by existing Draft				Total
				Below 2 meters	2-4 meters	4-6 meters	6 meters above	
1	2	3	4	5	6	7	8	9
MAHARASHTRA								
Kalyan	Minor	5.00	Passenger Jetty	-	2	-	-	2
Bhiwandi	Minor	-	Sloping jetty	-	-	-	-	-
Thane	Minor	4.00	Sloping jetty	-	10	-	-	10
Ulwa Belapur	Minor	4.00	Cargo jetty	-	-	1	-	1
Mora	Minor	8.00	Passenger Jetty	1	-	1	-	2
Karanja	Minor	2.00	Sloping jetty	1	-	-	-	1
Rewas	Minor	5.00	Passenger Jetty	-	-	1	-	1
Mandwa	Minor	10.00	Passenger Jetty	-	-	1	-	1
Dharamtar	Minor	11.50	Cargo/Passenger jetty	10	-	-	-	10
Trombay	Minor	2.00	Sloping jetty	-	1	-	-	1
Revdanda	Minor	14-24	Maxsteel Ltd. Salav	-	-	1	-	1
	Minor	14-24	International Pvt Ltd,	-	-	1	-	1
Murud	Minor	2.00	Passenger Jetty	-	1	-	-	1
Rajpuri	Minor	2.00	Passenger Jetty	-	1	-	-	1
	Minor	2.00	Passenger Jetty	-	1	-	-	1
Dighi	Minor	10-14	Passenger	-	1	-	-	1
	Minor	20.00	Port Ltd	-	-	-	1	1
Shriwardhan	Minor	2.00	Cargo/Passenger jetty	-	1	-	-	1
Ratnagiri	Minor	15.00	I Type jetty	-	-	1	-	1
	Minor	15.00	L Type Jetty	-	-	1	-	1
Jaigad	Minor	20.00	T Type Jetty	-	-	1	-	1
Borya	Minor	2.00	I Type Jetty	-	1	-	-	1
Palshet	Minor	2.00	I Type Jetty	-	1	-	-	1
Dabhol	Minor	17.00	T/L Type Jetty	-	-	1	-	1
Vasai	Minor	-	Sloping jetty	1	9	1	-	11
Gharapuri	Minor	-	Passenger Jetty	-	6	-	-	6
Harnai	Minor	2.00	I Type Jetty	-	1	-	-	1
Kelshi	Minor	14.00	T Type Jetty	-	1	-	-	1
Bankot	Minor	14.00	I Type Jetty	-	-	1	-	1
	Minor	14.00	L Type Jetty	-	1	-	-	1
Purnagad	Minor	2.00	I	1	-	-	-	1
Jaitapur	Minor	5&3.50	Step & I	1	1	-	-	2
Vijaydurg	Minor	6.00	T Type Jetty	-	-	1	-	1
Deogad	Minor	4-6	T	-	-	1	-	1
Achara	Minor	4.00	-	1	-	-	-	4
Malwan	Minor	4.00	L	-	1	-	-	1
Niwati	Minor	-	-	2	1	-	-	3
Vengurla	Minor	5-6	I Type Jetty	1	-	-	-	1
Redi	Minor	-	-	2	-	-	-	2
Kiranpani	Minor	-	-	1	-	-	-	1
Dahanu	Minor	2-4	-	-	1	-	-	1
Satpati	Minor	2.00	-	1	-	-	-	1
K.Mahim	Minor	3.00	-	3	-	-	-	3
Datiware	Minor	2.00	1 Dtiware&1 Edwan	1	1	-	-	2
Arnala	Minor	4.00	Stopping jetty	1	-	1	-	2
Uttan	Minor	5.00	Fishing	4	-	1	-	5

Table 1.10 (Contd...)

Berthing Facilities Available at Non-Major Ports

(As on 31.3.2016)

Name of the Port	Intermediate/ Minor	Max.Depth available at anchorage	Berth Type	No. of Berths by existing Draft				
				Below 2 meters	2-4 meters	4-6 meters	6 meters above	Total
1	2	3	4	5	6	7	8	9
Marve	Minor	2.00	Passenger Jetty	1	3	-	-	4
Versova	Minor	2.50	Stopping jetty	-	3	-	-	3
Bandra	Minor	2.50	Stopping jetty	-	4	-	-	4
varoda	Minor	2.00	I	1	-	-	-	1
Katale Terminal	Minor	7.00	T	-	-	-	1	1
Lavgan	Minor	8.50	T	-	-	-	1	1
Angre	Minor	13.00	T	-	-	-	1	1
JSW Jaigad	Minor	19.80	T	-	-	-	2	2
Katale Terminal	Minor	7.00	T	-	-	-	1	1
KARNATAKA								
Karwar	Intermediate	6.50	Steamer Berth	-	-	-	2	2
Honnavar	Minor	10.00	RCC piled jetty	1	-	-	-	1
Bhatkal	Minor	10.00	RCC piled jetty	1	-	-	-	1
Tadri	Minor	10.00	RCC piled jetty	1	-	-	-	1
Kundapur	Minor	8.00	RCC piled jetty	-	2	-	-	2
Belekeri	Minor	-	Loading Chute	-	-	-	-	-
Malpe	Minor	6.00	RCC piled jetty	3	-	-	-	3
Hangarkatta	Minor	6.00	RCC piled jetty	1	-	-	-	1
Padubidri	Minor	-	RCC piled jetty	-	-	-	-	-
Old Mangalore	Intermediate	14.00	General Cargo	-	2	-	-	2
KERALA								
1. Koavalam/ Vizhinjam	Minor	-	RCC	-	-	1	1	2
2. Azhikkal	Minor	9.00	Concrete	-	2	-	-	2
3. Kozhikode/Beypore	Intermediate	12.00	General Cargo berth	-	2	-	-	2
4. Kollam	Minor	10.00	RCC Type	-	-	-	1	1
ODISHA								
1. Dhamra	Minor	22.00	Dolphin Type	-	-	-	2	2
2. Gopalpur	Minor	No Limt	Multi Purpose Berth	-	4	-	1	5
Lakshadweep								
1. Agatti	Minor	15.00	Jetty	-	-	-	-	-
2.Kavaratti	Minor	20.00	Jetty	-	1	-	1	2
3.Minicoy	Minor	20.00	Open Jetty	-	75	-	36	111
4. Chetlat	Minor	45.00	Mooring	-	-	-	-	-
5.Kalpeni	Minor	5.00	RCC piled jetty	-	3	-	-	3
6. Androth	Minor	8.00	-	-	2	1	-	3

Table 1.10 (Contd...)

Berthing Facilities Available at Non-Major Ports

(As on 31.3.2016)

Name of the Port	Intermediate/ Minor	Max.Depth available at anchorage	Berth Type	No. of Berths by existing Draft				
				Below 2 meters	2-4 meters	4-6 meters	6 meters above	Total
1	2	3	4	5	6	7	8	9
ANDHRA PRADESH								
Kakinada								
(a) Anchorage	Intermediate	-	-	-	-	-	-	-
(b) Deep water	Intermediate	16.00	Multipurpose	-	-	-	18	18
Rawa	Minor	30.00	S.B.M. Operation	-	-	-	1	1
Krishnapattinam	Minor	20.00	-	-	-	-	9	9
Gangavaram	Minor	50.00	Multipurpose	-	-	-	8	8
TAMIL NADU								
Cuddalore(Chemplast jetty)	Intermediate	10.50	Island type Marine Terminal	-	-	-	1	1
Nagapattinam	Anchorage	Berthg a wharf to a length of 250 meters is available	Open road stead Port.	-	1	-	-	1
Rameshwaram	Minor	5.00	Open Road Stead	-	-	-	-	-
Pamban	Minor	7.00	-	-	-	-	-	-
Colachel	Minor	16.00	Rcc Jetty	-	1	-	-	1
Valinokkam	Minor	12.00	-	-	-	-	-	-
Kanyakumari	Minor	165.00	L shape jetty	1	-	-	-	1
Ennore	Minor	15.00	Four point mooring system	-	-	-	-	-
Kattupalli	Minor	19.00	Container Berths	-	-	-	2	2
Thirukkadaiyur	Minor	15.50	Singal Buoy Mooring	-	-	-	-	-
Kuddnkulam	Minor	11.00	Lo Lo & Ro Ro jetty	-	2	-	-	2
GOA								
1. Panaji	Minor	20.00	Anchorage	-	-	-	-	-
2. Betul	Minor	3.60	Anchorage	-	-	-	-	-
3. Chapora	Minor	2.40	Anchorage	-	-	-	-	-
4. Talpona	Minor	3.50	Anchorage	-	-	-	-	-
5. Tiracol	Minor	3.70	Anchorage	-	-	-	-	-
DIU								
Diu	Minor	18.00	Solid Wharf	1	-	-	-	1
			Pile jetty	-	1	-	-	1
Daman	Minor	9.15	1. RCC jetty at nani	-	-	1	-	1
PONDICHERRY								
Pondicherry	Minor	12.00	RCC Mutti purpose	-	1	-	-	1
Sanvar/Karaikal MTF	Minor	9.50	Multi purpose	-	-	-	1	1
Karaikal LTD	Minor	18.00	Multi purpose	-	-	-	5	5

Source : State / UT Maritime Boards

Table 1.11

Equipment Available at Various Non-Major Ports (As on 31.3.2016)

(Nos.)

State/Port/ Year	Dredgers	Cranes			Barges			Launches	Tugs	Pablos	Fork Lifts
		Upto 5 tons	6-10 tons	Above 10 tons	Dumb	Self-Propelled	Water Barges				
1	2	3	4	5	6	7	8	9	10	11	12
GUJARAT											
2014-15	10	-	-	3	2	7	1	10	12	-	-
2015-16	8	-	-	2	2	7	1	9	13	-	-
MAHARASHTRA											
2014-15	-	-	-	8	10	40	-	-	2	-	-
2015-16	-	1	-	8	-	40	-	-	2	-	-
GOA											
Panaji											
2014-15	1	-	-	-	-	1	*	3	1	-	-
2015-16	1	-	-	-	-	1	*	3	1	-	-
ANDHRA PRADESH											
Kakinada Deep Water Port											
2014-15	-	-	-	12	-	-	-	-	-	-	-
2015-16	-	-	-	12	-	-	-	-	-	-	-
Krishnapatnam											
2014-15	-	3	-	39	1	-	1	5	4	-	-
2015-16	-	3	-	39	1	-	1	5	4	-	-
Gangavaram											
2014-15	-	-	-	2	-	-	-	3	3	-	-
2015-16	-	-	-	2	-	-	-	3	3	-	-
TAMIL NADU											
Nagapattinam											
2014-15	1	-	-	-	-	-	-	-	1	-	-
2015-16	-	-	-	-	-	-	-	1	-	-	-
Kanyakumari											
2014-15	1	-	-	-	-	-	-	3	1	-	-
2015-16	-	-	-	-	-	-	-	1	3	-	-
Kattupalli											
2014-15	-	-	-	21	-	-	-	5	2	-	-
2015-16	-	-	-	21	-	-	-	2	2	-	-
KERALA											
Kollam											
2014-15	-	-	-	4	-	-	-	-	1	-	-
2015-16	-	1	-	3	-	-	-	-	1	-	-
Azhikkal											
2014-15	-	-	-	1	-	-	-	-	-	-	-
2015-16	-	-	1	2	-	-	-	-	-	-	-
Kozhikode/Beypor											
2014-15	-	6	-	3	-	-	-	-	3	-	-
2015-16	-	6	-	4	-	-	-	-	4	-	-
Kovalam-Vizhinjam											
2014-15	-	1	-	-	-	-	-	-	-	-	-
2015-16	-	1	-	-	-	-	-	-	-	-	-

**Table 1.11
(Contd...)**

Equipment Available at Various Non-Major Ports (As on 31.3.2016)

(Nos.)

State/Port/ Year	Dredgers	Cranes			Barges			Launches	Tugs	Pablos	Fork Lifts
		Upto 5 tons	6-10 tons	Above 10 tons	Dumb	Self-Propelled	Water Barges				
1	2	3	4	5	6	7	8	9	10	11	12
DIU											
2014-15	-	-	-	4	-	-	-	1	-	-	-
2015-16	-	-	-	4	-	-	-	2	-	-	-
PUDUCHERRY											
2014-15	4	-	-	7	-	-	-	2	5	-	-
2015-16	1	-	-	6	-	-	-	2	2	-	-
ODISHA											
Gopalpur											
2014-15	1	-	2	1	2	4	1	3	1	-	-
2015-16	1	-	2	1	2	4	1	3	1	-	-
Dhamra											
2014-15	-	-	-	3	-	-	-	-	3	-	-
2015-16	-	-	-	3	-	-	-	-	3	-	-
ANDAMAN & NICOBAR ISLAND											
2014-15	2	-	13	15	2	-	-	2	2	-	-
2015-16	2	-	13	18	5	-	-	2	2	-	26
LAKSHADWEEP#											
Agatti											
2014-15	-	-	1	-	2	1	-	3	1	-	-
2015-16	-	-	1	-	2	1	-	3	1	-	-
Kavaratti											
2014-15	-	-	-	-	1	-	-	5	2	-	-
2015-16	-	-	-	-	1	-	-	5	2	-	-
Kalpeni											
2014-15	-	-	-	1	3	-	-	2	1	-	-
2015-16	-	-	-	1	3	-	-	2	1	-	-
Chetlat											
2014-15	-	-	-	1	1	-	-	-	1	-	-
2015-16	-	-	-	1	1	-	-	-	1	-	-

: In Karnataka privatestevedores are have sufficient loading / unloading equipment like Cranes, Pay loaders, Fork Lifts, Excavators, Barges, ext. No departmental Tug available.

: Data related 2013-14

Source : State / UT Maritime Boards

Table 1.12**State-Wise Navigational Aids Maintained By Department
of Light-Houses and Light-Ships (As on 31.3.2016)****(Number)**

Maritime States/Uts	General Light house	Light buoy	VHF/HF RT set.	Racons	Light Vessel	Launches	Light House Tender	DGPS
1	2	3	4	5	6	7	8	9
Gujarat	49	21	-	19	1	-	1	4
Maharashtra	20	-	-	11	-	-	-	2
Goa, Daman & Diu	3	-	-	1	-	-	-	1
Karnataka	10	-	2	-	-	-	-	1
Kerala	15	-	2	5	-	-	1	1
Tamilnadu	19	-	11	9	-	-	-	4
Puducherry	2	-	1	1	-	-	-	1
Andhra Pradesh	17	-	5	5	-	-	-	3
Orissa	7	-	4	2	-	-	-	1
West Bengal	2	-	3	1	-	-	-	1
Andaman & Nicobar Islands	33	-	1	5	-	-	1	3
Lakshadweep	16	-	2	5	-	-	-	1
Total	193	21	31	64	1	-	3	23

Source : Directorate General of Light Houses & Light Ships.

SECTION – II

2. CURRENT PORT STATISTICS

2.1 MAJOR PORTS

2.2 NON-MAJOR PORTS

Table 2.1.1

Traffic Handled At Major Ports in India -2015-16

(In '000 Tonnes)

Port	Overseas				Coastal				Overseas & Coastal			
	Un-Loaded	Loaded	Trans-shipment	Total	Un-Loaded	Loaded	Trans-shipment	Total	Un-Loaded	Loaded	Trans-shipment	Total
1	2	3	4	5	6	7	8	9	10	11	12	13
Kandla	75089	15719	0	90808	3783	4867	0	8650	78872	20586	0	99458
Mumbai	29998	2929	9009	41936	1440	4036	13707	19183	31438	6965	22716	61119
J.L. Nehru	33304	26602	442	60348	1770	1789	120	3679	35074	28391	562	64027
Mormugao	14636	5039	0	19675	733	368	0	1101	15369	5407	0	20776
New Mangalore	25377	5058	0	30435	2604	2543	0	5147	27981	7601	0	35582
Cochin	12042	2528	198	14768	5975	1223	129	7327	18017	3751	327	22095
V.O. Chidambaranar	20817	8291	363	29471	6187	1191	0	7378	27004	9482	363	36849
Chennai	28867	16692	0	45559	3670	829	0	4499	32537	17521	0	50058
Kamarajar	12359	2604	0	14963	17243	0	0	17243	29602	2604	0	32206
Visakhapatnam	34856	6779	690	42325	3996	9937	777	14710	38852	16716	1467	57035
Paradip	46683	770	0	47453	1547	27397	0	28944	48230	28167	0	76397
Haldia Dock Complex	23464	2186	1823	27473	3549	2485	0	6034	27013	4671	1823	33507
Kolkata Dock System	7961	5497	2051	15509	527	738	8	1273	8488	6235	2059	16782
All Ports	365453	100694	14576	480723	53024	57403	14741	125168	418477	158097	29317	605891

Source : Major Ports

Table 2.1.2**Traffic Handled At Major Ports by Selected Commodities - 2015-16**

Port	POL and Crude Product	Iron Ore	Fertiliser	FRM (Dry)	Food-grains	Coal*	Container Cargo		Others	Total
							000 Tonnes	000 TEUs		
							8	9		
1	2	3	4	5	6	7	8	9	10	11
Kandla	54994	952	4362	170	812	15001	56	3	23111	99458
Mumbai	35669	0	148	291	961	3451	574	43	20025	61119
J.L.Nehru	3419	0	0	0	0	0	56791	4491	3817	64027
Mormugao	559	3965	223	0	0	11535	345	26	4149	20776
New Mangalore	21966	454	732	79	27	6370	1105	76	4849	35582
Cochin	13773	0	22	230	95	88	5785	419	2102	22095
V.O.Chidambaranar	475	86	499	1012	378	14796	12388	612	7215	36849
Chennai	11891	0	61	199	0	0	30207	1565	7700	50058
Kamarajar	2443	0	0	0	0	25612	1	0	4150	32206
Visakhapatnam	14873	6088	1996	799	86	8501	5145	243	19547	57035
Paradip	20567	2889	0	4361	0	39471	132	5	8977	76397
Haldia Dock Complex	5067	869	300	338	0	7274	1376	85	18283	33507
Kolkata Dock System	664	12	150	51	14	1957	9263	578	4671	16782
All Ports	186360	15315	8493	7530	2373	134056	123168	8146	128596	605891

*: Thermal Coal & Coking Coal

Source: Major Ports

Table 2.1.3

Traffic Handled - Port-wise and Principal Commodity-wise - 2013-14, 2014-15 & 2015-16

Commodity	('000 Tonnes) Kolkata Dock System																	
	2013-14						2014-15						2015-16					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
POL Crude	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POL Products	43	30	73	495	149	644	73	6	79	453	94	547	133	88	221	418	25	443
Fertiliser	5	0	5	0	0	0	49	0	49	0	0	0	150	0	150	0	0	0
FRM - Dry	34	0	34	0	0	0	98	0	98	0	0	0	51	0	51	0	0	0
FRM - Liquid	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food Grains	0	27	27	0	0	0	0	0	0	0	0	0	0	13	13	1	0	1
Iron & Steel	40	51	91	0	0	0	63	20	83	0	0	0	121	30	151	0	0	0
Iron Scrap	0	0	0	0	0	0	4	1	5	0	0	0	21	0	21	0	0	0
Sugar	22	0	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veg. Oil	568	0	568	0	0	0	670	0	670	0	0	0	719	0	719	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0	30
Coking Coal	262	0	262	0	0	0	270	0	270	0	0	0	297	0	297	0	0	0
Thermal Coal	206	0	206	0	5	5	590	0	590	0	5	5	1660	0	1660	0	0	0
Cement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15
Iron Ore/Pellets	32	147	179	0	0	0	7	33	40	23	0	23	0	6	6	6	0	6
Other Ore	20	0	20	0	0	0	0	0	0	0	0	0	33	0	33	0	0	0
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemicals	76	0	76	50	0	50	84	0	84	54	0	54	140	0	140	38	0	38
Others*	4809	5202	10011	49	553	602	7229	4717	11946	150	590	740	6681	5366	12047	42	698	740
Total	6117	5457	11574	594	707	1301	9137	4777	13914	680	689	1369	10006	5503	15509	535	738	1273

Note: *includes container

Traffic Handled - Port-wise and Principal Commodity-wise - 2013-14, 2014-15 & 2015-16

Table 2.1.3 (Contd...)

Commodity	Haldia Dock Complex																	
	2013-14						2014-15						2015-16					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
POL Crude	793	0	793	0	0	0	334	0	334	167	0	167	426	0	426	21	0	21
POL Products	255	638	893	1679	1207	2886	201	228	429	1609	1079	2688	1389	458	1847	1895	878	2773
Fertiliser	193	0	193	0	0	0	315	0	315	0	0	0	300	0	300	0	0	0
FRM - Dry	366	0	366	0	0	0	482	0	482	0	0	0	338	0	338	0	0	0
FRM - Liquid	408	0	408	0	0	0	467	0	467	0	0	0	343	0	343	9	0	9
Food Grains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron & Steel	130	134	264	0	6	6	417	25	442	3	6	9	563	74	637	30	16	46
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar	302	0	302	0	0	0	52	0	52	0	0	0	0	0	0	0	0	0
Veg. Oil	1549	6	1555	0	0	0	1942	13	1955	0	0	0	2386	6	2392	0	17	17
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	5350	0	5350	0	0	0	5653	0	5653	352	0	352	5407	0	5407	315	0	315
Thermal Coal	0	0	0	0	1598	1598	50	0	50	3	1185	1188	0	0	0	0	1552	1552
Cement	45	0	45	0	0	0	0	0	0	0	0	0	0	0	0	199	0	199
Iron Ore/Pellets	0	2053	2053	0	117	117	487	298	785	1417	135	1552	46	45	91	770	8	778
Other Ore	945	0	945	0	0	0	1581	0	1581	0	0	0	1240	0	1240	0	0	0
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemicals	2639	245	2884	60	0	60	3174	149	3323	59	0	59	0	0	0	0	0	0
Others*	5981	1794	7775	18	0	18	7583	1446	9029	84	14	98	12849	1603	14452	310	14	324
Total	18956	4870	23826	1757	2928	4685	22738	2159	24897	3694	2419	6113	25287	2186	27473	3549	2485	6034

Note: *includes container

Traffic Handled - Port-wise and Principal Commodity-wise - 2013-14, 2014-15 & 2015-16

Table 2.1.3 (Contd...)

Commodity	('000 Tonnes)																		Paradip
	2013-14						2014-15						215-16						
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal			
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
POL Crude	15482	0	15482	287	0	287	1626	0	1626	91	0	91	18107	0	18107	0	0	0	
POL Products	32	0	32	1542	259	1801	65	0	65	1551	217	1768	305	120	425	1492	543	2035	
Fertiliser	122	0	122	0	0	0	51	0	51	0	0	0	0	0	0	0	0	0	
FRM - Dry	3932	0	3932	0	0	0	4378	0	4378	0	0	0	4361	0	4361	0	0	0	
FRM - Liquid	1329	19	1348	177	19	196	1512	0	1512	120	0	120	1866	0	1866	40	0	40	
Food Grains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Iron & Steel	0	0	0	0	0	0	0	0	0	2	0	2	111	0	111	0	0	0	
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sugar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Veg. Oil	64	0	64	0	0	0	19	0	19	0	0	0	0	0	0	0	0	0	
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Coking Coal	6830	7	6837	4	31	35	7388	14	7402	0	243	243	7870	0	7870	0	351	351	
Thermal Coal	6191	0	6191	0	18552	18552	8596	84	8680	55	21382	21437	7494	0	7494	0	23756	23756	
Cement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Iron Ore/Pellets	0	5593	5593	0	0	0	1011	957	1968	21	192	213	53	311	364	0	2525	2525	
Other Ore	186	304	490	0	0	0	73	96	169	0	0	0	0	131	131	0	0	0	
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Chemicals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Others*	4341	1423	5764	153	1124	1277	19670	541	20211	36	1020	1056	6516	208	6724	15	222	237	
Total	38509	7346	45855	2163	19985	22148	44389	1692	46081	1876	23054	24930	46683	770	47453	1547	27397	28944	

Note: *includes container

Table 2.1.3 (Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2013-14, 2014-15 & 2015-16

('000 Tonnes)

Visakhapatnam

Commodity	2013-14						2014-15						2015-16					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
POL Crude	7431	0	7431	663	195	858	7239	0	7239	1429	125	1554	9716	0	9716	1231	0	1231
POL Products	105	370	475	2562	1634	4196	138	659	797	2198	1341	3539	208	246	454	2055	1417	3472
Fertiliser	1819	0	1819	0	0	0	1838	0	1838	0	0	0	1996	0	1996	0	0	0
FRM - Dry	795	0	795	0	0	0	720	0	720	0	0	0	799	0	799	0	0	0
FRM - Liquid	452	0	452	91	0	91	472	0	472	118	0	118	526	0	526	61	0	61
Food Grains	0	785	785	0	32	32	0	31	31	0	44	44	50	0	50	0	36	36
Iron & Steel	3	1072	1075	2	0	2	98	965	1063	0	92	92	54	535	589	32	6	38
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	71	0	71	0	0	0
Sugar	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0
Veg. Oil	14	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Salt	0	0	0	43	0	43	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	6928	0	6928	0	0	0	6074	0	6074	0	0	0	5108	0	5108	0	0	0
Thermal Coal	0	0	0	0	2744	2744	0	0	0	0	2779	2779	0	0	0	0	3393	3393
Cement	0	0	0	0	2	2	0	0	0	0	1	1	0	0	0	0	5	5
Iron Ore/Pellets	0	5140	5140	33	7859	7892	64	3011	3075	0	5290	5290	107	1467	1574	0	4514	4514
Other Ore	1277	80	1357	318	0	318	1340	25	1365	0	0	0	1298	18	1316	0	0	0
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemicals	685	0	685	169	128	297	0	0	0	0	0	0	0	0	0	0	0	0
Others*	9990	4452	14442	303	325	628	16190	4543	20733	842	338	1180	15613	4513	20126	661	1299	1960
Total	29499	11899	41398	4184	12922	17106	34173	9234	43407	4587	10010	14597	35546	6779	42325	4040	10670	14710

Note: *includes container

Table 2.1.3
(Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2012-13, 2013-14 & 2014-15

('000 Tonnes)

KAMARAJAR

Commodity	2013-14						2014-15						2015-16					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
POL Crude	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POL Products	336	0	336	939	0	939	424	0	424	1470	0	1470	477	0	477	1966	0	1966
Fertiliser	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRM - Dry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRM - Liquid	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food Grains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron & Steel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veg. Oil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	0	0	0	0	0	0	0	0	0	0	0	0	75	0	75	0	0	0
Thermal Coal	10809	0	10809	11673	0	11673	11949	0	11949	12273	0	12273	10261	0	10261	15276	0	15276
Cement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron Ore/Pellets	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Ore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemicals	91	0	91	0	0	0	120	9	129	0	0	0	103	0	103	0	0	0
Others*	1074	2415	3489	0	0	0	1428	2578	4006	0	0	0	1443	2604	4047	1	0	1
Total	12310	2415	14725	12612	0	12612	13921	2587	16508	13743	0	13743	12359	2604	14963	17243	0	17243

Note:- Port started its operation from June, 2001 onwards.

Note: *includes container

Table 2.1.3 (Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2013-14, 2014-15 & 2015-16

Commodity	('000 Tonnes)																		Chennai
	2013-14						2014-15						2015-16						
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal			
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
POL Crude	8809	0	8809	1343	38	1381	8385	0	8385	1809	0	1809	7193	0	7193	1963	0	1963	
POL Products	36	1152	1188	1194	305	1499	98	1277	1375	784	306	1090	95	1057	1152	1167	416	1583	
Fertiliser	160	0	160	0	0	0	272	0	272	0	0	0	61	0	61	0	0	0	
FRM - Dry	255	0	255	0	0	0	270	0	270	0	0	0	199	0	199	0	0	0	
FRM - Liquid	0	0	0	0	0	0	11	0	11	12	0	12	8	0	8	0	0	0	
Food Grains	0	306	306	0	0	0	0	37	37	0	0	0	0	0	0	0	0	0	
Iron & Steel	635	770	1405	2	0	2	899	504	1403	16	0	16	1237	83	1320	0	1	1	
Iron Scrap	31	103	134	0	0	0	21	48	69	0	0	0	296	12	308	0	0	0	
Sugar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Veg. Oil	1032	0	1032	0	0	0	1071	7	1078	0	0	0	1256	2	1258	0	4	4	
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Coking Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Thermal Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cement	0	0	0	0	18	18	0	0	0	0	18	18	0	0	0	0	0	0	
Iron Ore/Pellets	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other Ore	0	532	532	0	0	0	0	251	251	0	0	0	0	417	417	0	0	0	
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Chemicals	2	0	2	88	0	88	13	0	13	94	0	94	0	0	0	0	0	0	
Others*	18773	15290	34063	173	58	231	19722	16360	36082	211	45	256	18522	15121	33643	540	408	948	
Total	29733	18153	47886	2800	419	3219	30762	18484	49246	2926	369	3295	28867	16692	45559	3670	829	4499	

Note: *includes container

Table 2.1.3 (Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2013-14, 2014-15 & 2015-16

('000 Tonnes)

V.O. CHIDAMBARANAR

Commodity	2013-14						2014-15						2015-16					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
POL Crude	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POL Products	143	0	143	156	0	156	280	0	280	86	0	86	393	0	393	82	0	82
Fertiliser	388	0	388	0	0	0	417	21	438	0	0	0	499	0	499	0	0	0
FRM - Dry	790	0	790	0	0	0	1123	1	1124	0	0	0	1012	0	1012	0	0	0
FRM - Liquid	101	49	150	0	92	92	131	0	131	0	185	185	148	10	158	0	110	110
Food Grains	0	49	49	0	0	0	0	59	59	0	0	0	371	7	378	0	0	0
Iron & Steel	0	1	1	128	0	128	0	3	3	2	0	2	18	7	25	0	0	0
Iron Scrap	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar	0	14	14	0	0	0	0	49	49	0	0	0	0	30	30	0	0	0
Veg. Oil	273	0	273	0	0	0	284	0	284	0	0	0	278	0	278	0	0	0
Salt	0	61	61	0	0	0	0	36	36	0	0	0	0	0	0	302	0	302
Coking Coal	0	0	0	0	0	0	0	0	0	0	0	0	3305	0	3305	0	0	0
Thermal Coal	1910	0	1910	4734	0	4734	3841	0	3841	4464	0	4464	6496	0	6496	4995	0	4995
Cement	0	9	9	0	1	1	0	20	20	0	7	7	0	99	99	0	0	0
Iron Ore/Pellets	0	0	0	0	0	0	46	0	46	0	0	0	86	0	86	0	0	0
Other Ore	966	280	1246	0	0	0	1230	221	1451	0	0	0	1241	291	1532	0	0	0
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemicals	87	46	133	0	278	278	84	0	84	0	0	0	0	0	0	0	0	0
Others*	10753	6089	16842	548	695	1243	11455	7159	18614	550	660	1210	7333	7847	15180	808	1081	1889
Total	15412	6598	22010	5566	1066	6632	18891	7569	26460	5102	852	5954	21180	8291	29471	6187	1191	7378

Note: *includes container

Table 2.1.3 (Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2013-14, 2014-15 & 2015-16

Commodity	('000 Tonnes)																		Cochin
	2013-14						2014-15						2015-16						
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal			
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
POL Crude	7846	0	7846	2314	68	2382	9023	0	9023	1631	92	1723	8603	0	8603	2066	65	2131	
POL Products	187	929	1116	1614	1331	2945	202	782	984	1040	1247	2287	268	808	1076	992	971	1963	
Fertiliser	36	0	36	0	0	0	68	0	68	0	0	0	22	0	22	0	0	0	
FRM - Dry	271	0	271	0	0	0	377	0	377	0	0	0	230	0	230	0	0	0	
FRM - Liquid	218	0	218	39	0	39	245	0	245	18	0	18	213	0	213	15	0	15	
Food Grains	0	0	0	0	0	0	0	0	0	0	0	0	95	0	95	0	0	0	
Iron & Steel	3	0	3	2	0	2	13	0	13	9	0	9	18	0	18	20	0	20	
Iron Scrap	29	0	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sugar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Veg. Oil	4	0	4	0	0	0	4	0	4	0	0	0	12	0	12	0	0	0	
Salt	0	0	0	0	0	0	0	0	0	38	0	38	0	0	0	105	0	105	
Coking Coal	0	0	0	0	0	0	98	0	98	0	0	0	0	0	0	0	0	0	
Thermal Coal	0	0	0	0	0	0	0	0	0	0	0	0	88	0	88	0	0	0	
Cement	0	0	0	13	0	13	0	0	0	675	0	675	0	0	0	824	0	824	
Iron Ore/Pellets	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other Ore	37	0	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Chemicals	122	12	134	0	0	0	126	18	144	0	0	0	0	0	0	0	0	0	
Others*	1856	1558	3414	2105	292	2397	2166	1611	3777	1803	309	2112	2592	1819	4411	2019	250	2269	
Total	10609	2499	13108	6087	1691	7778	12322	2411	14733	5214	1648	6862	12141	2627	14768	6041	1286	7327	

Note: *includes container

Table 2.1.3 (Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2013-14, 2014-15 & 2015-16

('000 Tonnes)

New Mangalore

Commodity	2013-14						2014-15						2015-16					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
POL Crude	13550	0	13550	1390	0	1390	13170	0	13170	1206	0	1206	14254	0	14254	1635	0	1635
POL Products	162	6678	6840	205	959	1164	110	5133	5243	144	1708	1852	316	3391	3707	236	2134	2370
Fertiliser	454	0	454	0	0	0	649	0	649	9	0	9	732	0	732	0	0	0
FRM - Dry	50	0	50	0	0	0	55	28	83	0	0	0	53	26	79	0	0	0
FRM - Liquid	188	0	188	0	0	0	166	0	166	28	0	28	197	0	197	0	0	0
Food Grains	0	118	118	0	0	0	0	7	7	0	0	0	27	0	27	0	0	0
Iron & Steel	0	0	0	0	0	0	0	0	0	0	0	0	11	1	12	0	0	0
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veg. Oil	543	7	550	0	0	0	660	12	672	9	7	16	696	31	727	3	0	3
Salt	0	0	0	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0
Coking Coal	5420	0	5420	0	0	0	5417	35	5452	0	0	0	2958	53	3011	0	40	40
Thermal Coal	2928	0	2928	0	0	0	2726	0	2726	0	0	0	3319	0	3319	0	0	0
Cement	0	0	0	213	0	213	0	0	0	336	0	336	0	0	0	372	0	372
Iron Ore/Pellets	0	0	0	1658	1354	3012	238	110	348	804	365	1169	72	171	243	57	154	211
Other Ore	246	0	246	26	0	26	341	0	341	0	0	0	330	0	330	0	0	0
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemicals	51	174	225	0	0	0	55	330	385	7	0	7	0	0	0	0	0	0
Others*	2142	734	2876	27	87	114	2021	405	2426	174	100	274	2412	1385	3797	301	215	516
Total	25734	7711	33445	3520	2400	5920	25608	6060	31668	2718	2180	4898	25377	5058	30435	2604	2543	5147

Note: *includes container

Table 2.1.3 (Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2013-14, 2014-15 & 2015-16

Commodity	('000 Tonnes)																		Mormugao
	2013-14						2014-15						2015-16						
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal			
Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
POL Crude	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
POL Products	0	0	0	522	5	527	0	0	0	516	55	571	0	0	0	557	2	559	
Fertiliser	179	0	179	0	0	0	227	0	227	0	0	0	223	0	223	0	0	0	
FRM - Dry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
FRM - Liquid	236	0	236	0	0	0	359	0	359	0	0	0	372	0	372	0	0	0	
Foodgrain	0	44	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Iron & Steel	0	60	60	0	0	0	0	63	63	0	0	0	0	0	0	0	0	0	
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sugar	0	0	0	0	0	0	0	11	11	0	0	0	0	0	0	0	0	0	
Veg. Oil	0	0	0	0	0	0	0	0	0	0	0	0	36	0	36	0	0	0	
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Coking Coal	7518	0	7518	0	0	0	6568	0	6568	0	0	0	7740	0	7740	68	0	68	
Thermal Coal	0	0	0	0	0	0	1991	0	1991	9	0	9	3727	0	3727	0	0	0	
Cement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Iron Ore/Pellets	0	44	44	0	0	0	54	264	318	100	340	440	383	3372	3755	12	198	210	
Other Ore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Chemicals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Others*	949	1984	2933	1	197	198	1499	2455	3954	58	142	200	2155	1667	3822	96	168	264	
Total	8882	2132	11014	523	202	725	10698	2793	13491	683	537	1220	14636	5039	19675	733	368	1101	

Note: *includes container

Table 2.1.3
(Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2013-14, 2014-15 & 2015-16

('000 Tonnes)

J. I. Nehru

Commodity	2013-14						2014-15						2015-16					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
POL Crude	0	0	0	0	0	0	0	0	0	1568	1568	0	0	0	1515	1515		
POL Products	336	1288	1624	673	1810	2483	203	672	875	733	154	887	253	535	788	1056	60	1116
Fertiliser	627	0	627	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRM - Dry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRM - Liquid	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food Grains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron & Steel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veg. Oil	988	0	988	0	0	0	1276	0	1276	0	0	0	1582	0	1582	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thermal Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cement	0	0	0	689	0	689	0	0	0	653	0	653	0	0	0	674	0	674
Iron Ore/Pellets	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Ore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemicals	800	11	811	0	0	0	837	4	841	2	0	2	837	0	837	0	0	0
Others*	26934	27670	54604	186	321	507	30786	26689.8	57476	63	160	223	30907	26234	57141	50	324	374
Total	29685	28969	58654	1548	2131	3679	33102	27366	60468	1451	1882	3333	33579	26769	60348	1780	1899	3679

Note: *includes container

Table 2.1.3
(Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2013-14, 2014-15 & 2015-16

Commodity	('000 Tonnes)																		Mumbai
	2013-14						2014-15						2015-16						
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal			
Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
POL Crude	13458	683	14141	9272	2779	12051	11969	0	11969	10627	3069	13696	14207	0	14207	9470	2558	12028	
POL Products	1879	3112	4991	4302	495	4797	1610	2673	4283	4489	1400	5889	1625	1987	3612	4356	1466	5822	
Fertiliser	151	0	151	0	0	0	172	0	172	0	0	0	148	0	148	0	0	0	
FRM - Dry	151	0	151	0	0	0	276	0	276	0	0	0	291	0	291	0	0	0	
FRM - Liquid	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Food Grains	703	0	703	0	0	0	683	0	683	0	0	0	961	0	961	0	0	0	
Iron & Steel	1874	1040	2914	12	0	12	4059	604	4663	43	6	49	5554	360	5914	89	0	89	
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sugar	0	145	145	0	0	0	0	97	97	0	0	0	0	5	5	0	0	0	
Veg. Oil	331	2	333	0	0	0	220	3	223	0	0	0	173	0	173	0	0	0	
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Coking Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Thermal Coal	4221	0	4221	0	0	0	4304	0	4304	0	0	0	3451	0	3451	0	0	0	
Cement	0	0	0	1430	0	1430	0	0	0	141	0	141	0	0	0	975	0	975	
Iron Ore/Pellets	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other Ore	0	0	0	0	0	0	0	0	0	0	0	0	150	0	150	0	0	0	
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Chemicals	17	4	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Others*	12379	550	12929	151	43	194	10750	280	11030	3798	387	4185	12389	635	13024	237	32	269	
Total	35164	5536	40700	15167	3317	18484	34043	3657	37700	19098	4862	23960	38949	2987	41936	15127	4056	19183	

Note:- Coastal cargo unloaded includes transhipment of POL crude(9470 Th. Tonnes) and products(3323 Th. Tonnes) moved through pipeline.

Note: *includes container

Table 2.1.3
(Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2012-13, 2013-14 & 2014-15

Kandla

Commodity	('000 Tonnes)																	
	2013-14						2014-15						2015-16					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
POL Crude	35929	0	35929	2101	0	2101	37902	0	37902	2679	0	2679	38379	0	38379	2717	0	2717
POL Products	95	7851	7946	376	6554	6930	159	8981	9140	708	5160	5868	297	8742	9039	748	4111	4859
Fertiliser	2642	0	2642	0	0	0	3847	0	3847	0	0	0	4362	0	4362	0	0	0
FRM - Dry	991	0	991	0	0	0	655	0	655	0	0	0	170	0	170	0	0	0
FRM - Liquid	1212	0	1212	19	0	19	1288	49	1337	0	0	0	1856	0	1856	0	0	0
Food Grains	0	2732	2732	0	0	0	7	2216	2223	0	0	0	79	733	812	0	0	0
Iron & Steel	615	9	624	207	2	209	772	45	817	325	3	328	1131	81	1212	260	42	302
Iron Scrap	20	0	20	0	0	0	86	0	86	0	0	0	426	0	426	0	0	0
Sugar	611	403	1014	0	0	0	1267	204	1471	0	0	0	1260	265	1525	7	26	33
Veg. Oil	4935	0	4935	0	0	0	3342	210	3552	0	0	0	4907	144	5051	0	2	2
Salt	0	0	0	0	0	0	0	2628	2628	0	82	82	0	3637	3637	0	505	505
Coking Coal	261	0	261	9	0	9	242	0	242	0	0	0	217	0	217	0	0	0
Thermal Coal	6080	0	6080	0	0	0	9725	0	9725	0	0	0	14784	0	14784	0	0	0
Cement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron Ore/Pellets	329	0	329	257	0	257	985	0	985	175	0	175	927	0	927	25	0	25
Other Ore	11	358	369	0	86	86	35	419	454	0	44	44	0	334	334	0	4	4
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemicals	2446	155	2601	10	0	10	2059	49	2108	0	0	0	2519	98	2617	8	6	14
Others*	1871	7082	8953	271	475	746	3473	2650	6123	6	20	26	3775	1685	5460	18	171	189
Total	58048	18590	76638	3250	7117	10367	65844	17451	83295	3893	5309	9202	75089	15719	90808	3783	4867	8650

Note: *includes container

Table 2.1.3
(Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2013-14,2014-15 & 2015-16

Commodity	('000 Tonnes)																		All Ports
	2013-14						2014-15						2015-16						
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	
POL Crude	103298	683	103981	17370	3080	20450	89648	0	89648	19639	4854.3	24493.333	110885	0	110885	20618	4138	23241	
POL Products	3609	22048	25657	16259	14708	30967	3563.223	20411.2	23974.4	15781	12761	28541.667	5759	17432	23191	17020	12023	29043	
Fertiliser	6776	0	6776	0	0	0	7905	21	7926	9	0	9	8493	0	8493	0	0	0	
FRM - Dry	7635	0	7635	0	0	0	8434	29	8463	0	0	0	7504	26	7530	0	0	0	
FRM - Liquid	4144	68	4212	326	111	437	4651	49	4700	296	185	481	5529	10	5539	125	110	235	
Food Grains	703	4061	4764	0	32	32	690	2350	3040	0	44	44	1583	753	2336	1	36	37	
Iron & Steel	3300	3137	6437	353	8	361	6321	2229	8550	400	107	507	8818	1171	9989	431	65	496	
Iron Scrap	81	103	184	0	0	0	111	49	160	0	0	0	814	12	826	0	0	0	
Sugar	935	562	1497	0	3	3	1319	361	1680	0	0	0	1260	300	1560	7	26	33	
Veg. Oil	10301	15	10316	0	0	0	9488	245	9733	9	7	16	12045	183	12228	3	23	26	
Salt	0	61	61	44	0	44	0	2664	2664	39	82	121	0	3637	3637	437	505	942	
Coking Coal	32569	7	32576	13	31	44	31710	49	31759	352	243	595	32977	53	33030	383	391	774	
Thermal Coal	32345	0	32345	16407	22899	39306	43772	84	43856	16804	25351	42155	51280	0	51280	20271	28701	48972	
Cement	45	9	54	2345	21	2366	0	20	20	1805	26	1831	0	99	99	3044	20	3064	
Iron Ore/Pellets	361	12977	13338	1948	9330	11278	2892	4673	7565	2540	6322	8862	1674	5372	7046	870	7399	8269	
Other Ore	3688	1554	5242	344	86	430	4600	1012	5612	0	44	44	4292	1191	5483	0	4	4	
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Chemicals	7016	647	7663	377	406	783	6552	559	7111	216	0	216	3599	98	3697	46	6	52	
Others*	101852	76243	178095	3985	4170	8155	133971.78	71434.8	205407	7774.999	3785	11560	123187	70687	193874	5098	4882	9980	
Total	318658	122175	440833	59771	54885	114656	355628	106240	461868	65665	53811	119476	379699	101024	480723	66839	58329	125168	

Source: Major Ports.

Note: *includes container

Table 2.1.4 Percentage Share Of Indian Flag In The Overseas Cargo Traffic Handled At Indian Ports

Port	2013-14 (%)			2014-15 (%)			2015-16 (%)		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
MAJOR PORTS	10.2	4.5	8.6	7.9	3.9	7.0	8.4	2.3	7.2
Kandla	8.4	3.8	7.3	7.0	5.6	6.7	5.1	2.7	4.7
Mumbai	21.6	23.3	21.9	15.8	22.3	16.4	20.9	11.8	20.3
J.N.P.T.	1.6	1.4	1.5	1.8	1.3	1.6	1.8	0.8	1.3
Mormugao	0.1	2.3	0.5	1.9	2.5	2.0	1.2	2.3	1.5
New Mangalore	15.8	14.5	15.6	13.7	12.6	13.5	10.1	5.2	9.3
Cochin	17.7	16.5	17.5	12.7	7.9	11.9	7.4	8.5	7.6
V.O.Chidambaranar	0.0	0.7	0.2	2.2	0.0	1.5	2.8	0.5	2.1
Chennai	9.1	2.2	6.5	9.4	1.8	6.6	5.7	0.2	3.7
Vizag	13.6	4.4	11.0	11.3	6.1	10.2	15.7	6.5	14.2
Paradip	10.7	2.3	9.4	5.6	4.4	5.5	10.9	27.4	11.2
Haldia Dock Complex	11.2	2.6	9.5	6.3	0.2	5.7	7.8	0.4	7.2
Kolkata Dock System	6.5	3.7	5.2	6.9	0.5	5.2	3.5	0.1	2.3
Kamarajar	3.1	0.0	2.6	3.1	0.0	2.6	5.2	0.0	4.3
NON-MAJOR PORTS	9.6	4.0	8.2	8.8	5.1	8.0	9.4	6.2	8.7
All Ports	11.2	3.4	9.1	8.3	4.5	7.5	8.9	4.2	7.9

Table 2.1.5

Container Traffic Handled at Major Ports - Type-Wise - 2013-14,2014-15 & 2015-16 (Nos.)

Type	KANDLA			MUMBAI			JAWAHARLAL NEHRU**		
	2013-14	2014-15	2015-16	2013-14	2014-15	2015-16	2013-14	2014-15	2015-16
1	2	3	4	5	6	7	8	9	10
IMPORT	13782	0	1137	33326	41457	33743	2044977	2258077	2271207
20'	13782	0	1137	10806	14845	8983	944429	1016305	987563
40'	0	0	0	11260	13306	12380	550274	620886	641822
Stuffed	13782	0	0	28233	37317	29548	1681146	1891196	1963417
20'	13782	0	0	8449	12697	7462	829336	923094	929471
40'	0	0	0	9892	12310	11043	425905	484051	516973
Empty	0	0	1137	5093	4140	4195	363831	366881	307790
20'	0	0	1137	2357	2148	1521	115093	93211	58092
40'	0	0	0	1368	996	1337	124369	136835	124849
EXPORT	15684	0	2030	1485	4021	1231	2128399	2150923	2169069
20'	15684	0	2026	695	2101	415	881005	911335	910197
40'	0	0	2	395	960	408	623697	619794	629436
Stuffed	15684	0	2002	721	3797	1036	1834003	1806331	1783877
20'	15684	0	1998	219	1951	370	782737	738417	699265
40'	0	0	2	251	923	333	525633	533957	542306
Empty	0	0	28	764	224	195	294396	344592	385192
20'	0	0	28	476	150	45	98268	172918	210932
40'	0	0	0	144	37	75	98064	85837	87130
TRANSHIP-MENT	0	0	0	5925	0	7846	66389	57696	51292
20'	0	0	0	4025	0	3208	23735	15562	15396
40'	0	0	0	950	0	2319	21327	21067	17948
Stuffed	0	0	0	5925	0	7846	39100	53632	43031
20'	0	0	0	4025	0	3208	11860	13862	11069
40'	0	0	0	950	0	2319	13620	19885	15981
Empty	0	0	0	0	0	0	27289	4064	8261
20'	-	-	-	-	-	-	11875	1700	4327
40'	-	-	-	-	-	-	7707	1182	1967
TOTAL	29466	0	3167	40736	45478	42820	4239765	4466696	4491568
20'	29466	0	3163	15526	16946	12606	1849169	1943202	1913156
40'	0	0	2	12605	14266	15107	1195298	1261747	1289206
Stuffed	29466	0	2002	34879	41114	38430	3554249	3751159	3790325
20'	29466	0	1998	12693	14648	11040	1623933	1675373	1639805
40'	0	0	2	11093	13233	13695	965158	1037893	1075260
Empty	0	0	1165	5857	4364	4390	685516	715537	701243
20'	0	0	1165	2833	2298	1566	225236	267829	273351
40'	0	0	0	1512	1033	1412	230140	223854	213946

Note: Bifurcation in to LCL, FCL, Stuffed, empty, 20' & 40' & Dry/Reefer has not been provided by the terminal operator M/s ABGKCTL, to Kandla Port.

No. Transshipment of containers has been undertaken at Kandla Port under Imports or Export,

Table 2.1.5
(Contd...)

**Container Traffic Handled at Major Ports - Type-Wise -
2013-14, 2014-15 & 2015-16**

(Nos.)

Type	MORMUGAO**			NEW MANGALORE**			COCHIN**		
	2013-14	2014-15	2015-16	2013-14	2014-15	2015-16	2013-14	2014-15	2015-16
1	2	3	4	5	6	7	8	9	10
IMPORT	10085	12818	13616	25259	31730	38098	158518	178528	203791
20'	4621	6108	7078	19769	21328	25706	87190	105394	116793
40'	2732	3355	3269	2745	5201	6196	35664	36567	43499
Stuffed	6303	7373	10338	16319	23451	30983	132516	152473	171732
20'	3709	4499	6856	13149	17167	22593	83488	102279	112166
40'	1297	1437	1741	1585	3142	4195	24514	25097	29783
Empty	3782	5445	3278	8940	8279	7115	26002	26055	32059
20'	912	1609	222	6620	4161	3113	3702	3115	4627
40'	1435	1918	1528	1160	2059	2001	11150	11470	13716
EXPORT	9091	11696	11923	24870	31078	37611	157679	170841	194720
20'	4169	5696	6101	19028	20960	25437	85387	98019	110268
40'	2461	3000	2911	2921	5059	6087	36146	36411	42226
Stuffed	6445	8682	6952	19297	20906	20918	105913	110074	114033
20'	3111	4346	3256	14651	14136	14652	38661	39796	38471
40'	1667	2168	1848	2323	3385	3133	33626	35139	37781
Empty	2646	3014	4971	5573	10172	16693	51766	60767	80687
20'	1058	1350	2845	4377	6824	10785	46726	58223	71797
40'	794	832	1063	598	1674	2954	2520	1272	4445
TRANSHIP-MENT	-	-	-	-	-	-	27193	17007	21039
20'	-	-	-	-	-	-	20669	14609	9611
40'	-	-	-	-	-	-	3262	1199	5714
Stuffed	-	-	-	-	-	-	20288	12689	20060
20'	-	-	-	-	-	-	15038	10451	9238
40'	-	-	-	-	-	-	2625	1119	5411
Empty	-	-	-	-	-	-	6905	4318	979
20'	-	-	-	-	-	-	5631	4158	373
40'	-	-	-	-	-	-	637	80	303
TOTAL	19176	24514	25539	50129	62808	75709	343390	366376	419550
20'	8790	11804	13179	38797	42288	51143	193246	218022	236672
40'	5193	6355	6180	5666	10260	12283	75072	74177	91439
Stuffed	12748	16055	17290	35616	44357	51901	258717	275236	305825
20'	6820	8845	10112	27800	31303	37245	137187	152526	159875
40'	2964	3605	3589	3908	6527	7328	60765	61355	72975
Empty	6428	8459	8249	14513	18451	23808	84673	91140	113725
20'	1970	2959	3067	10997	10985	13898	56059	65496	76797
40'	2229	2750	2591	1758	3733	4955	14307	12822	18464

** includes reefers

Table 2.1.5
(Contd...)

Container Traffic Handled at Major Ports - Type-Wise -
2013-14, 2014-15 & 2015-16

(Nos.)

Type	V.O.CHIDAMBANAR**			CHENNAI**			VISAKHAPATNAM**		
	2013-14	2014-15	2015-16	2013-14	2014-15	2015-16	2013-14	2014-15	2015-16
1	2	3	4	5	6	7	8	9	10
IMPORT	251039	288503	310189	747929	807820	834219	100674	118959	105208
20'	105633	108637	111421	342793	370422	369515	66284	76521	81082
40'	72703	89933	99384	202568	218699	232352	17195	21219	12063
Stuffed	196444	224957	249102	706816	753264	780424	77574	92108	80810
20'	92834	101065	104960	322476	347144	347036	55592	64082	65820
40'	51805	61946	72071	192170	203060	216694	10991	14013	7495
Empty	54595	63546	61087	41113	54556	53795	23100	26851	24398
20'	12799	7572	6461	20317	23278	22479	10692	12439	15262
40'	20898	27987	27313	10398	15639	15658	6204	7206	4568
EXPORT	256696	271224	301525	719926	743728	730911	101171	118094	106981
20'	105456	102922	107679	327384	344840	328155	67029	73108	82887
40'	75620	84151	96923	196271	199444	201378	17071	22493	12047
Stuffed	239613	248479	270020	606047	625031	563044	88703	100505	93734
20'	91443	90077	89824	274565	277471	229598	65717	70579	76994
40'	74085	79201	90098	165741	173780	166723	11493	14963	8370
Empty	17083	22745	31505	113879	118697	167867	12468	17589	13247
20'	14013	12845	17855	52819	67369	98557	1312	2529	5893
40'	1535	4950	6825	30530	25664	34655	5578	7530	3677
TRANSHIP-MENT	-	-	-	-	-	-	60246	11110	30735
20'	-	-	-	-	-	-	42488	7114	29340
40'	-	-	-	-	-	-	8879	1998	698
Stuffed	-	-	-	-	-	-	59696	10984	23857
20'	-	-	-	-	-	-	41938	6988	22906
40'	-	-	-	-	-	-	8879	1998	476
Empty	-	-	-	-	-	-	550	126	6878
20'	-	-	-	-	-	-	550	126	6434
40'	-	-	-	-	-	-	0	0	222
TOTAL	507735	559727	611714	1467855	1551548	1565130	262091	248163	242924
20'	211089	211559	219100	670177	715262	697670	175801	156743	193309
40'	148323	174084	196307	398839	418143	433730	43145	45710	24808
Stuffed	436057	473436	519122	1312863	1378295	1343468	225973	203597	198401
20'	184277	191142	194784	597041	624615	576634	163247	141649	165720
40'	125890	141147	162169	357911	376840	383417	31363	30974	16341
Empty	71678	86291	92592	154992	173253	221662	36118	44566	44523
20'	26812	20417	24316	73136	90647	121036	12554	15094	27589
40'	22433	32937	34138	40928	41303	50313	11782	14736	8467

** includes reefers

Table 2.1.5
(Contd...)

**Container Traffic Handled at Major Ports - Type-Wise -
2013-14, 2014-15 & 2015-16**

(Nos.)

Type	PARADIP			HALDIA			KOLKATA		
	2013-14	2014-15	2015-16	2013-14	2014-15	2015-16	2013-14	2014-15	2015-16
1	2	3	4	5	6	7	8	9	10
IMPORT	4583	1939	2474	52695	50713	43087	229715	269472	297791
20'	4323	1879	2474	30519	28521	18983	139831	162466	177819
40'	130	30	0	11088	11096	12052	44942	53503	59986
Stuffed	272	468	2474	48413	50402	41064	203021	257445	283588
20'	12	468	2474	26423	28226	16992	120641	157147	170546
40'	130	0	0	10995	11088	12036	41190	50149	56521
Empty	4311	1471	0	4282	311	2023	26694	12027	14203
20'	4311	1411	0	4096	295	1991	19190	5319	7273
40'	-	30	0	93	8	16	3752	3354	3465
EXPORT	4092	2331	2499	60025	51215	42055	219585	258694	279958
20'	3832	2291	2499	43313	33191	22661	124431	149666	164432
40'	130	20	0	8356	9012	9697	47577	54514	57763
Stuffed	3831	2333	2509	48484	25726	21512	192617	187759	218460
20'	3831	2291	2499	42456	23608	18550	118627	112863	134712
40'	-	21	5	3014	1059	1481	36995	37448	41874
Empty	261	40	0	11541	25489	20543	26968	70935	61498
20'	1	0	0	857	9583	4111	5804	36803	29720
40'	130	20	0	5342	7953	8216	10582	17066	15889
TRANSHIP-MENT	-	-	-	-	-	-	-	-	-
20'	-	-	-	-	-	-	-	-	-
40'	-	-	-	-	-	-	-	-	-
Stuffed	-	-	-	-	-	-	-	-	-
20'	-	-	-	-	-	-	-	-	-
40'	-	-	-	-	-	-	-	-	-
Empty	-	-	-	-	-	-	-	-	-
20'	-	-	-	-	-	-	-	-	-
40'	-	-	-	-	-	-	-	-	-
TOTAL	8675	4312	4983	112720	101928	85142	449300	528166	577749
20'	8155	4170	4973	73832	61712	41644	264262	312132	342251
40'	260	71	5	19444	20108	21749	92519	108017	117749
Stuffed	4103	2801	4983	96897	76128	62576	395638	445204	502048
20'	3843	2759	4973	68879	51834	35542	239268	270010	305258
40'	130	21	5	14009	12147	13517	78185	87597	98395
Empty	4572	1511	0	15823	25800	22566	53662	82962	75701
20'	4312	1411	0	4953	9878	6102	24994	42122	36993
40'	130	50	0	5435	7961	8232	14334	20420	19354

1. Containers of size 40./ more than 40, converted into TEUs by taking 1 container =2 TEUs.

Table 2.1.5
(Contd...)

Container Traffic Handled at Major Ports - Type-Wise -
2013-14, 2014-15 & 2015-16

(Nos.)

Type	ALL PORTS		
	2013-14	2014-15	2015-16
1	2	3	4
IMPORT	3878116	4060016	4154560
20'	1864214	1912426	1908554
40'	1006951	1073795	1123003
Stuffed	3418850	3490454	3643480
20'	1721836	1757868	1786376
40'	848507	866293	928552
Empty	459266	569562	511080
20'	142378	154558	122178
40'	158444	207502	194451
EXPORT	3717785	3813887	3880523
20'	1742555	1744129	1762757
40'	987615	1034879	1058883
Stuffed	3098433	3139623	3098097
20'	1451975	1375535	1310189
40'	823229	882044	893954
Empty	619352	674264	782426
20'	290580	368594	452568
40'	164386	152835	164929
TRANSHIP-MENT	118498	85813	110912
20'	73168	37285	57555
40'	22665	24264	26678.5
Stuffed	111612	77305	94794
20'	68306	31301	46421
40'	21653	23002	24186.5
Empty	6886	8508	16118
20'	4862	5984	11134
40'	1012	1262	2492
TOTAL	7714399	7959716	8145995
20'	3679937	3693840	3728866
40'	2017231	2132938	2208565
Stuffed	6628895	6707382	6836371
20'	3242117	3164704	3142986
40'	1693389	1771339	1846693
Empty	1085504	1252334	1309624
20'	437820	529136	585880
40'	323842	361599	361872

Source: Major Ports and IPA

Table 2.1.6

**Commodity-Wise Break-Up of Container and General Cargo and Level
of Containerisation at Major Ports -Port-wise 2014-15 & 2015-16**

Commodities	General Cargo (000T)				% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo		2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
	2014-15	2015-16	2014-15	2015-16						
1	2	3	4	5	6	7	8	9	10	11
PORT: KOLKATA DOCK SYSTEM										
LOADED										
1. Textiles(Cotton,Silk, Synthetic)Yarn etc.	20	0	20	0	0.55	0.00	0.41	0.00	100.00	-
2. Metal & Metal products	148	0	148	0	4.05	0.00	3.02	0.00	100.00	-
3. Tea & Coffee	106	0	106	0	2.90	0.00	2.16	0.00	100.00	-
4. Foodgrain (Cereals and Pulses)	262	0	267	0	7.17	0.00	5.44	0.00	98.13	-
5. Marine products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
6. Fodder	0	0	0	0	0.00	0.00	0.00	0.00	-	-
7. Fruits & Vegetables.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
8. Spices	0	0	0	0	0.00	0.00	0.00	0.00	-	-
9. Hosiery, Harberdasherry and Millinary.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
10. Machinery,Instruments Transport equipments.	58	0	58	0	1.59	0.00	1.18	0.00	-	-
11.Drugs and Medicines.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
12.Dyes and Colours.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
13.Oil seeds,fats etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
14.Chemicals	22	0	22	0	0.60	0.00	0.45	0.00	100.00	-
15.Dry Fruits	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16.Jute & its Products	150	0	150	0	4.10	0.00	3.06	0.00	100.00	-
17.Leaner & its Products	32	0	32	0	0.88	0.00	0.65	0.00	100.00	-
18.Others	2305	3723	3551	5055	63.05	86.14	72.37	89.41	64.91	73.65
a).Iron & Steel	382	0	402	0	10.45	0.00	8.19	0.00	95.02	-
b).Cast Iron Goods	225	0	225	0	6.15	0.00	4.59	0.00	100.00	-
c). Miscellaneous	1698	3723	2924	5055	46.44	86.14	59.59	89.41	58.07	73.65
19. All Commodities	3103	3723	4354	5055	84.87	86.14	88.73	89.41	71.27	73.65
20. Tare Weight	553	599	553	599	15.13	13.86	11.27	10.59	100.00	100.00
21 . Transhipment incl.tare wt.	(a)	0	(a)	0	-	-	-	-	-	-
Grand Total	3656	4322	4907	5654	100.00	100.00	100.00	100.00	74.51	76.44

(a): Cargo weights included in respective commodity weights. Tare weight is included in S.N.20.

Note : For Kolkata Dock System commodity-wise break up of Container Cargo for 2015-16 are not available.

**Table
2.1.6**

**Commodity-Wise Break-Up of Container and General Cargo and Level
of Containerisation at Major Ports -Port-wise 2014-15 & 2015-16**

Commodities	General Cargo (000T)				% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo		2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
	2014-15	2015-16	2014-15	2015-16						
1	2	3	4	5	6	7	8	9	10	11
PORT:HALDIA DOCK COMPLEX										
LOADED										
1. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
2. Metal & Metal products	194	0	194	0	32.28	0.00	28.03	0.00	100.00	-
3. Tea & Coffee	0	0	0	0	0.00	0.00	0.00	0.00	-	-
4. Foodgrain (Cereals and Pulses)	11	0	11	0	1.83	0.00	1.59	0.00	100.00	-
5. Marine products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
6. Fodder	0	0	0	0	0.00	0.00	0.00	0.00	-	-
7. Fruits & Vegetables.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
8. Spices	0	0	0	0	0.00	0.00	0.00	0.00	-	-
9. Hosiery, Harberdasherry and Millinary.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
10. Machinery,Instruments Transport equipments.	1	0	1	0	0.17	0.00	0.14	0.00	100.00	-
11.Drugs and Medicines.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
12.Dyes and Colours.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
13.Oil seeds,fats etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
14.Chemicals	1	0	1	0	0.17	0.00	0.14	0.00	100.00	-
15.Dry Fruits	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16.Jute & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
17.Leanther & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
18.Others	623	514	654	605	103.66	85.52	94.51	87.43	95.26	84.96
a) Iron Goods	0	0	0	0	0.00	0.00	0.00	0.00	-	-
b) Iron & Steel	173	0	198	0	28.79	0.00	28.61	0.00	87.37	-
c). Miscellaneous	450	514	456	605	74.88	85.52	65.90	87.43	98.68	84.96
19. All Commodities	830	514	861	605	138.10	85.52	124.42	87.43	96.40	84.96
20. Tare Weight	111	87	111	87	18.47	14.48	16.04	12.57	100.00	100.00
21. Transhipment incl. tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	941	601	972	692	100.00	100.00	100.00	100.00	96.81	86.85

Note : For Haldia Dock Complex commodity-wise break up of Container Cargo for 2015-16 are not available.

**Table 2.1.6
(Contd...)**

**Commodity-Wise Break-Up of Container and General Cargo and Level
of Containerisation at Major Ports -Port-wise 2014-15 & 2015-16**

Commodities	General Cargo (000T)				% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo		2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
	2014-15	2015-16	2014-15	2015-16						
1	2	3	4	5	6	7	8	9	10	11
PORT : PARADIP										
LOADED										
1. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
2. Metal & Metal products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
3. Tea & Coffee	0	0	0	0	0.00	0.00	0.00	0.00	-	-
4. Foodgrain (Cereals and Pulses)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
5. Marine products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
6. Fodder	0	0	0	0	0.00	0.00	0.00	0.00	-	-
7. Fruits & Vegetables.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
8. Spices	0	0	0	0	0.00	0.00	0.00	0.00	-	-
9. Hosiery, Harberdasherry and Millinary.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
10. Machinery,Instruments Transport equipments.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
11.Drugs and Medicines.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
12.Dyes and Colours.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
13.Oil seeds,fats etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
14.Chemicals	0	0	0	0	0.00	0.00	0.00	0.00	-	-
15.Dry Fruits	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16.Jute & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
17.Leaner & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
18.Others	48	62	54	63	77.42	100.00	85.71	100.00	88.89	98.41
a).Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
b).Al.Ingot	0	0	0	0	0.00	0.00	0.00	0.00	-	-
c). Miscellaneous	48	62	54	63	77.42	100.00	85.71	100.00	88.89	98.41
19. All Commodities	48	62	54	63	77.42	100.00	85.71	100.00	88.89	98.41
20. Tare Weight	4	0	4	0	6.45	0.00	6.35	0.00	100.00	-
21. Transhipment incl tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	52	62	58	63	100.00	100.00	100.00	100.00	89.66	98.41

Note : For Paradip port commodity-wise break up of Container Cargo for 2014-15 & 2015-16 are not available.

**Table 2.1.6
(Contd...)**

**Commodity-Wise Break-Up of Container and General Cargo and Level
of Containerisation at Major Ports -Port-wise 2014-15 & 2015-16**

Commodities	General Cargo (000T)				% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo							
	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
1	2	3	4	5	6	7	8	9	10	11
PORT-VISAKHAPATNAM										
LOADED										
1. Textiles(Cotton,Silk,Synthetic)Yarn etc.	38	0	38	0	1.14	0.00	1.14	0.00	100.00	-
2. Metal & Metal products	43	0	43	0	1.30	0.00	1.30	0.00	100.00	-
3. Tea & Coffee	18	0	18	0	0.54	0.00	0.54	0.00	100.00	-
4. Foodgrain (Cereals and Pulses)	261	0	482	0	7.86	0.00	14.52	0.00	54.15	-
5. Marine products	355	0	355	0	10.70	0.00	10.70	0.00	100.00	-
6. Fodder	0	0	0	0	0.00	0.00	0.00	0.00	0.00	-
7. Fruits & Vegetables.	0	0	0	0	0.00	0.00	0.00	0.00	-	...
8. Spices	7	0	7	0	0.21	0.00	0.21	0.00	100.00	...
9. Hosiery, Harberdasherry and Millinary.	0	0	0	0	0.00	0.00	0.00	0.00	...	...
10. Machinery,Instruments Transport equipments.	29	0	29	0	0.87	0.00	0.87	0.00	100.00	...
11.Drugs and Medicines.	7	0	7	0	0.21	0.00	0.21	0.00	100.00	...
12.Dyes and Colours.	0	0	0	0	0.00	0.00	0.00	0.00	-	...
13.Oil seeds,fats etc.	3	0	3	0	0.09	0.00	0.09	0.00	100.00	...
14.Chemicals	52	0	52	0	1.57	0.00	1.57	0.00	100.00	...
15.Dry Fruits	0	0	0	0	0.00	0.00	0.00	0.00	...	...
16.Jute & its Products	7	0	7	0	0.21	0.00	0.21	0.00	100.00	...
17.Leaner & its Products	0	0	0	0	0.00	0.00	0.00	0.00	...	...
18.Others	1758	2500	2816	3041	52.97	75.32	84.84	91.62	62.43	82.21
a) Iron & Steel	252	0	1217	0	7.59	0.00	75.32	0.00	20.71	...
b) Cement	0	0	0	0	0.00	0.00	0.00	0.00	...	...
c) Sugar	0	0	0	0	0.00	0.00	0.00	0.00	...	...
d) Granite	45	0	205	0	1.36	0.00	6.18	0.00	21.95	...
e) Miscellaneous	1713	2500	2611	3041	51.61	75.32	78.67	91.62	65.61	82.21
19. All Commodities	2019	2500	3298	3041	72.68	89.99	99.37	91.62	61.22	82.21
20. Tare Weight	258	278	258	278	9.29	10.01	7.77	8.38	100.00	100.00
21. Transhipment incl.tare wt.	650	0	650	0	23.40	0.00	19.58	0.00	100.00	0.00
Grand Total	2277	2778	3556	3319	100.00	100.00	100.00	100.00	64.03	83.70

Note : For Visakhapatnam port commodity-wise break up of Container Cargo for 2015-16 are not available.

**Table 2.1.6
(Contd...)**

**Commodity-Wise Break-Up of Container and General Cargo and Level
of Containerisation at Major Ports -Port-wise 2014-15 & 2015-16**

Commodities	General Cargo (000T)				% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo		2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
	2014-15	2015-16	2014-15	2015-16						
1	2	3	4	5	6	7	8	9	10	11
PORT : CHENNAI										
LOADED										
1. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0	0	0	0	0	0	0	0	0	0
2. Metal & Metal products	0	0	0	0	0	0	0	0	0	0
3. Tea & Coffee	0	0	0	0	0	0	0	0	0	0
4. Foodgrain (Cereals and Pulses)	0	0	0	0	0	0	0	0	0	0
5. Marine products	0	0	0	0	0	0	0	0	0	0
6. Fodder	0	0	0	0	0	0	0	0	0	0
7. Fruits & Vegetables.	0	0	0	0	0	0	0	0	0	0
8. Spices	0	0	0	0	0	0	0	0	0	0
9. Hosiery, Harberdasherry and Millinary.	0	0	0	0	0	0	0	0	0	0
10. Machinery,Instruments Transport equipments.	0	0	0	0	0	0	0	0	0	0
11. Drugs and Medicines.	0	0	0	0	0	0	0	0	0	0
12. Dyes and Colours.	0	0	0	0	0	0	0	0	0	0
13. Oil seeds, fats etc.	0	0	0	0	0	0	0	0	0	0
14. Chemicals	0	0	0	0	0	0	0	0	0	0
15. Dry Fruits	0	0	0	0	0	0	0	0	0	0
16. Jute & its Products	0	0	0	0	0	0	0	0	0	0
17. Leather & its Products	0	0	0	0	0	0	0	0	0	0
18. Others	2245	2211	2245	2211	0	0	0	0	0	0
a). Minerals	0	0	0	0	0	0	0	0	0	0
b). Granite	0	0	0	0	0	0	0	0	0	0
c). Iron & Steel	0	0	0	0	0	0	0	0	0	0
d). Miscellaneous	2245	2211	2245	2211	0	0	0	0	0	0
19. All Commodities	12109	11704	13447	12644	85.84	82.97	90.52	85.12	0.58	0.56
20. Tare Weight	2245	2211	2245	2211	15.91	15.67	15.11	14.88	0.11	0.11
21. Transhipment incl. tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
Grand Total	14354	14107	15692	14855	100.00	100.00	100.00	100.00	91.47	94.96

Note: For Chennai port commodity-wise break up of Container and General Cargo for 2014-15 & 2015-16 are not available.

**Table 2.1.6
(Contd...)**

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports -Port-wise 2014-15 & 2015-16

Commodities	General Cargo (000T)				% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo		2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
	2014-15	2015-16	2014-15	2015-16						
1	2	3	4	5	6	7	8	9	10	11
PORT : V.O. CHIDAMBARANAR										
LOADED										
1. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0	0	0	0	0	0	0.00	0.00	0	0
2. Metal & Metal products	0	0	0	0	0	0	0.00	0.00	0	0
3. Tea & Coffee	0	0	0	0	0	0	0.00	0.00	0	0
4. Foodgrain (Cereals and Pulses)	0	0	59	0	0.00	0.00	0.68	0.00	0	0.00
5. Marine products	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
6. Fodder	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
7. Fruits & Vegetables.	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
8. Spices	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
9. Hosiery, Harberdasherry and Millinary.	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
10. Machinery,Instruments Transport equipments.	0	0	5	0	0.00	0.00	0.06	0.00	0.00	0.00
11.Drugs and Medicines.	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
12.Dyes and Colours.	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
13.Oil seeds,fats etc.	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
14.Chemicals	0	0	9	0	0.00	0.00	0.10	0.00	-	-
15.Dry Fruits	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
16.Jute & its Products	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
17.Leaner & its Products	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
18.Others	6124	6603	7074	8129	70.11	75.59	80.98	93.06	86.57	81.23
a) Iron & Steel			3	0	0.00	0.00	0.03	0.00	0.00	-
b) Sugar			49	0	0.00	0.00	0.56	0.00	0.00	-
c) Granite			52	0	0.00	0.00	0.60	0.00	0.00	-
19. All Commodities	6124	6603	7147	8129	84.95	91.59	81.82	93.06	85.69	81.23
20. Tare Weight	521	606	521	606	7.23	8.41	5.96	6.94	100.00	100.00
21. Transhipment incl. tare wt.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grand Total	6645	7209	7668	8735	100.00	100.00	100.00	100.00	86.66	82.53

Note : For Chidambaranar port commodity-wise break up of Container Cargo for 2014-15 & 2015-16 are not available.

Table 2.1.6
(Contd...)

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports -Port-wise 2013-14&2014-15&2014-15 & 2015-16

Commodities	General Cargo (000T)				% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo		2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
	2014-15	2015-16	2014-15	2015-16						
1	2	3	4	5	6	7	8	9	10	11
PORT : COCHIN										
LOADED										
1. Textiles(Cotton,Silk,Synthetic)Yarn etc.	53	0	53	0	2.84	0.00	2.83	0.00	100.00	-
2. Metal & Metal products	2	0	2	0	0.11	0.00	0.11	0.00	100.00	-
3. Tea & Coffee	156	0	156	0	8.35	0.00	8.34	0.00	100.00	-
4. Foodgrain (Cereals and Pulses)	56	0	56	0	3.00	0.00	2.99	0.00	100.00	-
5. Marine products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
6. Fodder	0	0	0	0	0.00	0.00	0.00	0.00	-	-
7. Fruits & Vegetables.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
8. Spices	84	0	84	0	4.50	0.00	4.49	0.00	100.00	-
9. Hosiery, Harberdasherry and Millinary.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
10. Machinery,Instruments Transport equipments.	23	0	23	0	1.23	0.00	1.23	0.00	100.00	-
11.Drugs and Medicines.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
12.Dyes and Colours.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
13.Oil seeds,fats etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
14.Chemicals	1	0	1	0	0.05	0.00	0.05	0.00	100.00	-
15.Dry Fruits	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16.Jute & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
17.Leanther & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
18.Others	951	1379	953	1381	50.91	73.82	50.96	73.85	99.79	99.86
a) Rubber	0	0	0	0	0.00	0.00	0.00	0.00	-	-
b). Coir Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
c). Iron & Steel	3	3	3	3	0.16	0.16	0.16	0.16	100.00	100.00
d). Mineral Sand	0	0	0	0	0.00	0.00	0.00	0.00	-	-
e). Miscellaneous	948	1376	950	1378	50.75	73.66	50.80	73.69	99.79	99.85
f) Granite	0	0	0	0	0.00	0.00	0.00	0.00	-	-
19. All Commodities	1326	1379	1328	1381	70.99	73.82	71.02	73.85	99.85	99.86
20. Tare Weight	429	464	429	464	22.97	24.84	22.94	24.81	100.00	100.00
21 Transhipment Incl .Tare Wt.	30	25	30	25	1.61	1.34	1.60	1.34	100.00	100.00
Grand Total	1785	1868	1787	1870	100.00	100.00	100.00	100.00	99.89	99.89

Note: For Cochin port commodity-wise break up of Container Cargo for 2015-16 are not available..

**Table 2.1.6
(Contd...)**

**Commodity-Wise Break-Up of Container and General Cargo and Level
of Containerisation at Major Ports -Port-wise 2014-15 & 2015-16**

Commodities	General Cargo (000T)				% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo		2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
	2014-15	2015-16	2014-15	2015-16						
1	2	3	4	5	6	7	8	9	10	11
PORT : NEW MANGALORE										
LOADED										
1. Textiles(Cotton,Silk,Synthetic)Yarn etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
2. Metal & Metal products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
3. Tea & Coffee	144	144	144	144	31.30	31.30	22.50	22.50	100.00	100.00
4. Foodgrain (Cereals and Pulses)	1	1	1	1	0.22	0.22	0.16	0.16	-	100.00
5. Marine products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
6. Fodder	43	43	43	43	9.35	9.35	6.72	6.72	100.00	100.00
7. Fruits & Vegetables.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
8. Spices	0	0	0	0	0.00	0.00	0.00	0.00	-	-
9. Hosiery, Harberdasherry and Millinary.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
10. Machinery,Instruments Transport equipments.	2	2	14	14	0.43	0.43	2.19	2.19	14.29	14.29
11. Drugs and Medicines.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
12. Dyes and Colours.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
13. Oil seeds, fats etc.	23	23	23	23	5.00	5.00	3.59	3.59	100.00	100.00
14. Chemicals	16	16	16	16	3.48	3.48	2.50	2.50	100.00	100.00
15. Dry Fruits	12	12	12	12	2.61	2.61	1.88	1.88	100.00	100.00
16. Jute & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
17. Leather & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
18. Others	120	139	137	307	26.09	30.22	21.41	47.97	87.59	45.28
a) Granite Stones	6	6	17	17	1.30	1.30	2.66	2.66	35.29	35.29
b) Sugar	0	0	0	0	0.00	0.00	0.00	0.00	-	-
c). Miscellaneous	114	133	120	290	24.78	28.91	18.75	45.31	95.00	45.86
19. All Commodities	361	380	390	560	78.48	82.61	60.94	87.50	92.56	67.86
20. Tare Weight	73	80	73	80	15.87	17.39	11.41	12.50	100.00	100.00
21. Transhipment Incl tare Wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	434	460	463	640	100.00	100.00	100.00	100.00	93.74	71.88

**Table 2.1.6
(Contd...)**

**Commodity-Wise Break-Up of Container and General Cargo and Level
of Containerisation at Major Ports -Port-wise 2014-15 & 2015-16**

Commodities	General Cargo (000T)				% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo		2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
	2014-15	2015-16	2014-15	2015-16						
1	2	3	4	5	6	7	8	9	10	11
PORT : MORMUGAO										
LOADED										
1. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
2. Metal & Metal products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
3. Tea & Coffee	0	0	0	0	0.00	0.00	0.00	0.00	-	-
4. Foodgrain (Cereals and Pulses)	0	0	0	0	0.00	0.00	0.00	0.00	0.00	-
5. Marine products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
6. Fodder	0	0	0	0	0.00	0.00	0.00	0.00	-	-
7. Fruits & Vegetables.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
8. Spices	0	0	0	0	0.00	0.00	0.00	0.00	-	-
9. Hosiery, Harberdasherry and Millinary.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
10. Machinery,Instruments Transport equipments.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
11.Drugs and Medicines.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
12.Dyes and Colours.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
13.Oil seeds,fats etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
14.Chemicals	0	0	0	0	0.00	0.00	0.00	0.00	-	-
15.Dry Fruits	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16.Jute & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
17.Leaner & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
18.Others	145	108	2136	1263	106.62	79.41	165.45	97.83	6.79	8.55
a) Frozen Fish	43	0	43	0	31.62	0.00	3.33	0.00	100.00	-
b) Alumina	0	0	0	0	0.00	0.00	0.00	0.00	-	-
c) H. R. Coils	0	0	1448	0	0.00	0.00	112.16	0.00	0.00	0.00
d). Miscellaneous	102	108	645	1263	75.00	79.41	49.96	97.83	15.81	8.55
e) Iron & Steel	0	0	63	63	0.00	0.00	46.32	46.32	0.00	0.00
19. All Commodities	145	108	2136	1263	106.62	79.41	165.45	97.83	6.79	8.55
20. Tare Weight	27	28	27	28	19.85	20.59	2.09	2.17	100.00	100.00
21. Transhipment incl. tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	172	136	2163	1291	126.47	100.00	100.00	100.00	7.95	10.53

Note: For Mormugao port commodity-wise break up of Container Cargo for 2014-15 & 2015-16 are not available..

**Table 2.1.6
(Contd...)**

**Commodity-Wise Break-Up of Container and General Cargo and Level
of Containerisation at Major Ports -Port-wise 2014-15 & 2015-16**

Commodities	General Cargo (000T)				% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo		2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
	2014-15	2015-16	2014-15	2015-16						
1	2	3	4	5	6	7	8	9	10	11
PORT : J. L. NEHRU										
LOADED										
1. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0	0	0	0	0	0	0	0	0	0
2. Metal & Metal products	0	0	0	0	0	0	0	0	0	0
3. Tea & Coffee	0	0	0	0	0	0	0	0	0	0
4. Foodgrain (Cereals and Pulses)	0	0	0	0	0	0	0	0	0	0
5. Marine products	0	0	0	0	0	0	0	0	0	0
6. Fodder	0	0	0	0	0	0	0	0	0	0
7. Fruits & Vegetables.	0	0	0	0	0	0	0	0	0	0
8. Spices	0	0	0	0	0	0	0	0	0	0
9. Hosiery, Harberdasherry and Millinary.	0	0	0	0	0	0	0	0	0	0
10. Machinery,Instruments Transport equipments.	0	0	0	0	0	0	0	0	0	0
11. Drugs and Medicines.	0	0	0	0	0	0	0	0	0	0
12. Dyes and Colours.	0	0	0	0	0	0	0	0	0	0
13. Oil seeds, fats etc.	0	0	0	0	0	0	0	0	0	0
14. Chemicals	0	0	0	0	0	0	0	0	0	0
15. Dry Fruits	0	0	0	0	0	0	0	0	0	0
16. Jute & its Products	0	0	0	0	0	0	0	0	0	0
17. Leather & its Products	0	0	0	0	0	0	0	0	0	0
18. Others	21943	21481	21957	21516	83.40	81.65	83.35	81.67	0.32	0.31
19. All Commodities	21943	21481	21957	21516	83.40	81.65	83.35	81.67	99.94	99.84
20. Tare Weight	4795	4777	4795	4777	18.23	18.16	18.20	18.13	100.00	100.00
21. Transshipment incl. tare wt.	58	51	58	51	0.22	0.19	0.22	0.19	100.00	100.00
Grand Total	26796	26309	26810	26344	100.00	100.00	100.00	100.00	99.95	99.87

Note: For J.L.Nehru port commodity-wise break up of Container Cargo for 2014-15 & 2015-16 are not available..

**Table 2.1.6
(Contd...)**

**Commodity-Wise Break-Up of Container and General Cargo and Level
of Containerisation at Major Ports -Port-wise 2014-15 & 2015-16**

Commodities	General Cargo (000T)				% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo							
	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
1	2	3	4	5	6	7	8	9	10	11
PORT : KANDLA										
LOADED										
1. Textiles(Cotton,Silk, Synthetic)Yarn etc.	...	...	...	...	...	...	0.00	0.00	...	...
2. Metal & Metal products	...	...	...	...	...	...	0.00	0.00	...	...
3. Tea & Coffee	...	...	...	...	...	...	0.00	0.00	...	...
4. Foodgrain (Cereals and Pulses)	...	...	...	...	...	...	0.00	0.00	...	...
5. Marine products	...	...	...	...	...	...	0.00	0.00	...	...
6. Fodder	...	...	...	...	...	...	0.00	0.00	...	...
7. Fruits & Vegetables.	...	...	...	...	...	...	0.00	0.00	...	...
8. Spices	...	...	...	...	...	...	0.00	0.00	...	...
9. Hosiery, Harberdasherry and Millinary.	...	...	...	...	...	...	0.00	0.00	...	...
10. Machinery,Instruments Transport equipments.	...	...	...	...	...	...	0.00	0.00	...	...
11.Drugs and Medicines.	...	...	...	...	...	...	0.00	0.00	...	...
12.Dyes and Colours.	...	...	...	...	...	...	0.00	0.00	...	...
13.Oil seeds,fats etc.	...	...	...	...	...	...	0.00	0.00	0.00	0.00
14.Chemicals	...	...	...	...	...	...	0.00	0.00	0.00	0.00
15.Dry Fruits	...	...	...	...	...	...	0.00	0.00	...	...
16.Jute & its Products	...	...	...	...	...	...	0.00	0.00	...	...
17.Leanther & its Products	...	...	...	...	...	...	0.00	0.00	...	...
18.Others	0	53	827	1441	0.00	3.68	57.39	100.00	0.00	0.26
a) Ores	...	...	...	...	...	...	0.00	0.00	...	...
b) Salt	...	...	...	...	...	...	0.00	0.00	...	...
c). Iron & Steel	...	...	...	...	...	...	0.00	0.00	0.00	0.00
d). Miscellaneous	0	53	827	1441	0.00	3.68	57.39	100.00	0.00	0.26
19. All Commodities	0	53	827	1441	0.00	3.68	57.39	100.00	0.00	3.68
20. Tare Weight	0	0	0	0	0.00	0.00	0.00	0.00	-	-
21. Transhipment incl. tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	0	53	827	1441	0.00	3.68	100.00	100.00	0.00	3.68

Note: For Kandla port commodity-wise break up of Container Cargo and Total General Cargo for 2014-15 & 2015-16 are not available..

**Table 2.1.6
(Contd...)**

**Commodity-Wise Break-Up of Container and General Cargo and Level
of Containerisation at Major Ports -Port-wise 2014-15 & 2015-16**

Commodities	General Cargo (000T)				% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo		2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
	2014-15	2015-16	2014-15	2015-16						
1	2	3	4	5	6	7	8	9	10	11
PORT : MUMBAI										
LOADED										
1. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
2. Metal & Metal products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
3. Tea & Coffee	0	0	0	0	0.00	0.00	0.00	0.00	-	-
4. Foodgrain (Cereals and Pulses)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
5. Marine products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
6. Fodder	0	0	0	0	0.00	0.00	0.00	0.00	-	-
7. Fruits & Vegetables.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
8. Spices	0	0	0	0	0.00	0.00	0.00	0.00	-	-
9. Hosiery, Harberdasherry and Millinary.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
10. Machinery,Instruments Transport equipments.	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
11. Drugs and Medicines.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
12. Dyes and Colours.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
13. Oil seeds, fats etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
14. Chemicals	0	0	4	4	0.00	0.00	0.41	0.41	0.00	0.00
15. Dry Fruits	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16. Jute & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
17. Leather & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
18. Others	7	112	945	968	6.25	100.00	97.22	99.59	0.74	11.57
a) Instrument	0	0	0	0	0.00	0.00	0.00	0.00	-	-
b) Paint etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
c) Iron & Steel	0	0	531	531	0.00	0.00	54.63	54.63	0.00	0.00
d) Sugar	0	0	145	145	0.00	0.00	14.92	14.92	-	0.00
e) Miscellaneous	7	112	269	292	6.25	100.00	27.67	30.04	2.60	38.36
19. All Commodities	7	112	949	972	6.25	100.00	97.63	100.00	0.74	11.52
20. Tare Weight	3	0	3	0	2.68	0.00	0.31	0.00	100.00	-
21. Transshipment incl.tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	10	112	952	972	100.00	100.00	100.00	100.00	1.05	11.52

Note: For Mumbai port commodity-wise break up of Container Cargo and Total General Cargo for 2014-15 & 2015-16 are not available..

**Table 2.1.6
(Contd...)**

**Commodity-Wise Break-Up of Container and General Cargo and Level
of Containerisation at Major Ports -Port-wise 2014-15 & 2015-16**

Commodities	General Cargo (000T)				% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo		2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
	2014-15	2015-16	2014-15	2015-16						
1	2	3	4	5	6	7	8	9	10	11
ALL PORTS										
LOADED										
1. Textiles(Cotton,Silk,Synthetic)Yarn etc.	73	0	73	0	0.13	0.00	0.11	0.00	100.00	0.00
2. Metal & Metal products	344	0	344	0	0.60	0.00	0.52	0.00	100.00	0.00
3. Tea & Coffee	406	144	406	144	0.71	0.25	0.62	0.22	100.00	100.00
4. Foodgrain (Cereals and Pulses)	330	1	394	1	0.58	0.00	0.60	0.00	83.76	100.00
5. Marine products	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
6. Fodder	43	43	43	43	0.08	0.07	0.07	0.07	100.00	100.00
7. Fruits & Vegetables.	0	0	0	0	0.00	0.00	0.00	0.00	0.00	-
8. Spices	84	0	84	0	0.15	0.00	0.13	0.00	100.00	0.00
9. Hosiery, Harberdasherry and Millinary.	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
10. Machinery,Instruments Transport equipments.	84	2	101	14	0.15	0.00	0.15	0.02	83.17	14.29
11.Drugs and Medicines.	0	0	0	0	0.00	0.00	0.00	0.00	0.00	-
12.Dyes and Colours.	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
13.Oil seeds,fats etc.	23	23	23	23	0.04	0.04	0.03	0.03	100.00	100.00
14.Chemicals	40	16	53	20	0.07	0.03	0.08	0.03	75.47	80.00
15.Dry Fruits	12	12	12	12	0.02	0.02	0.02	0.02	100.00	100.00
16.Jute & its Products	150	0	150	0	0.26	0.00	0.23	0.00	100.00	0.00
17.Leaner & its Products	32	0	32	0	0.06	0.00	0.05	0.00	100.00	0.00
18.Others	32266	34174	38288	40728	56.49	58.90	58.14	61.83	84.27	83.91
19.All Commodities	48015	48619	56748	56670	84.06	83.80	86.17	86.03	84.61	85.79
20.Tare Weight(a)	9019	9130	9019	9130	15.79	15.74	13.70	13.86	100.00	100.00
21.Transhipment incl. Tare Wt.(b)	2416	4486	5799	6598	4.23	7.73	8.81	10.02	41.66	67.99
Grand Total*	57122	58017	65855	65876	100.00	100.00	100.00	100.00	86.74	88.07

* Excluding Ennore

**Table
2.1.7**

**Commodity-Wise Break-Up of Container and General Cargo and Level
of Containerisation at Major Ports - Port-wise - 2014-15 & 2015-16**

Commodities	General Cargo (000T)				% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo		2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
	2014-15	2015-16	2014-15	2015-16						
1	2	3	4	5	6	7	8	9	10	11
PORT: KOLKATA DOCK SYSTEM										
UNLOADED										
1. Iron & Steel	95	0	134	0	1.92	0.00	2.24	0.00	70.90	0.00
2. Metal & Metal Products.	142	0	142	0	2.87	0.00	2.37	0.00	100.00	0.00
3. Chemicals	209	0	209	0	4.23	0.00	3.49	0.00	100.00	0.00
4. Paper, Newsprints etc.	154	0	154	0	3.12	0.00	2.57	0.00	100.00	0.00
5. Plastic & its products	235	0	235	0	4.76	0.00	3.93	0.00	100.00	0.00
6. Machinery/Instrument and Transport equipments.	188	0	190	0	3.80	0.00	3.17	0.00	98.95	0.00
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	86	0	86	0	1.74	0.00	1.44	0.00	100.00	0.00
8. Hair and wool	17	0	17	0	0.34	0.00	0.28	0.00	100.00	0.00
9. Rubber and its products.	17	0	17	0	0.34	0.00	0.28	0.00	100.00	0.00
10.Oil, fats etc.	28	0	28	0	0.57	0.00	0.47	0.00	100.00	0.00
11.Woodpulp.	18	0	18	0	0.36	0.00	0.30	0.00	-	0.00
12. Foodgrain (Cereals and Pulses)	584	0	1134	0	11.82	0.00	18.95	0.00	51.50	0.00
13.Fertiliser & FRM	8	0	62	0	0.16	0.00	1.04	0.00	12.90	0.00
14.Industrial Alcohol & Spirits (Non-potable)	0	0	0	0	0.00	0.00	0.00	0.00	-	0.00
15.Drugs & Medicines	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
16.Timber & Log	154	0	455	0	3.12	0.00	7.60	0.00	33.85	0.00
17.Others	1943	4281	2032	5325	39.32	86.64	33.95	88.97	95.62	80.39
a) Electric Goods	125	0	125	0	2.53	0.00	2.09	0.00	-	-
b) Metal Strap	16	0	20	0	0.32	0.00	0.33	0.00	80.00	-
c) Miscellaneous	1802	4281	1887	5325	36.47	86.64	31.53	88.97	95.50	80.39
18. All Commodities	3878	4281	4913	5325	78.49	86.64	82.09	88.97	78.93	80.39
19. Tare Weight(a)	576	660	576	660	11.66	13.36	9.62	11.03	100.00	100.00
20 .Transshipment incl. tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	4454	4941	5489	5985	100.00	100.00	100.00	100.00	81.14	82.56

(a): Cargo weights included in respective commodity weights. Tare weight is included in S.N.19.

Note : For Kolkata Dock System commodity-wise break up of Container Cargo for 2015-16 are not available.

**Table 2.1.7
(Contd...)**

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2014-15 & 2015-16

Commodities	General Cargo (000T)				% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo		2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
	2014-15	2015-16	2014-15	2015-16						
1	2	3	4	5	6	7	8	9	10	11
PORT:HALDIA DOCK COMPLEX										
UNLOADED										
1. Iron & Steel	16	0	433	0	2.06	0.00	28.08	0.00	3.70	-
2. Metal & Metal Products.	262	0	262	0	33.81	0.00	16.99	0.00	-	-
3. Chemicals	8	0	8	0	1.03	0.00	0.52	0.00	100.00	-
4. Paper, Newsprints etc.	140	0	140	0	18.06	0.00	9.08	0.00	100.00	-
5. Plastic & its products	11	0	11	0	1.42	0.00	0.71	0.00	100.00	-
6. Machinery/Instrument and Transport equipments.	14	0	18	0	1.81	0.00	1.17	0.00	77.78	-
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
8. Hair and wool	0	0	0	0	0.00	0.00	0.00	0.00	-	-
9. Rubber and its products.	5	0	5	0	0.65	0.00	0.32	0.00	100.00	-
10.Oil, fats etc.	4	0	4	0	0.52	0.00	0.26	0.00	100.00	-
11.Woodpulp.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
12. Foodgrain (Cereals and Pulses)	4	0	4	0	0.52	0.00	0.26	0.00	100.00	-
13.Fertiliser & FRM	0	0	110	0	0.00	0.00	7.13	0.00	0.00	-
14.Industrial Alcohol & Spirits (Non-potable)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
15.Drugs & Medicines	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16.Timber & Log	18	0	18	0	2.32	0.00	1.17	0.00	-	-
17.Others	429	687	461	1454	55.35	88.65	29.90	94.29	93.06	47.25
a) Soda Ash	0	0	0	0	0.00	0.00	0.00	0.00	-	-
b) Waste Paper	0	0	0	0	0.00	0.00	0.00	0.00	-	-
c) Miscellaneous	429	687	461	1454	55.35	88.65	29.90	94.29	93.06	47.25
18. All Commodities	911	687	1474	1454	117.55	88.65	95.59	94.29	61.80	47.25
19. Tare Weight	106	88	106	88	13.68	11.35	6.87	5.71	100.00	100.00
20. Transhipment incl tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	1017	775	1580	1542	100.00	100.00	100.00	100.00	64.37	50.26

Note : For Haldia Dock Complex commodity-wise break up of Container Cargo for 2015-16 are not available.

**Table 2.1.7
(Contd...)**

**Commodity-Wise Break-Up of Container and General Cargo and Level
of Containerisation at Major Ports - Port-wise - 2014-15 & 2015-16**

Commodities	General Cargo (000T)				% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo		2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
	2014-15	2015-16	2014-15	2015-16						
1	2	3	4	5	6	7	8	9	10	11
PORT : PARADIP										
UNLOADED										
1. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
2. Metal & Metal Products.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
3. Chemicals	0	0	0	0	0.00	0.00	0.00	0.00	-	-
4. Paper, Newsprints etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
5. Plastic & its products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
6. Machinery/Instrument and Transport equipments.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
8. Hair and wool	0	0	0	0	0.00	0.00	0.00	0.00	-	-
9. Rubber and its products.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
10.Oil, fats etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
11.Woodpulp.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
12. Foodgrain (Cereals and Pulses)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
13.Fertiliser & FRM	0	0	0	0	0.00	0.00	0.00	0.00	-	-
14.Industrial Alcohol & Spirits (Non-potable)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
15.Drugs & Medicines	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16.Timber & Log	0	0	0	0	0.00	0.00	0.00	0.00	-	-
17.Others	10	70	53	195	0.42	9.03	27.18	100.00	18.87	35.90
a)Care Cargo	0	0	0	0	0.00	0.00	0.00	0.00	-	-
b) Edible Oil	0	0	0	0	0.00	0.00	0.00	0.00	-	-
c) Miscellaneous	10	70	53	195	0.42	9.03	27.18	100.00	18.87	35.90
18. All Commodities	10	70	53	195	0.42	9.03	27.18	100.00	18.87	35.90
19. Tare Weight	5	0	5	0	0.21	0.00	2.56	0.00	100.00	-
20. Transhipment incl.tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	15	70	58	195	0.63	9.03	100.00	100.00	25.86	35.90

Note : For Paradip port commodity-wise break up of Container Cargo for 2014-15 & 2015-16 are not available.

**Table 2.1.7
(Contd...)**

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2014-15 & 2015-16

Commodities	General Cargo (000T)				% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo		2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
	2014-15	2015-16	2014-15	2015-16						
1	2	3	4	5	6	7	8	9	10	11
PORT : VISAKHAPATNAM										
UNLOADED										
1. Iron & Steel	5	0	39	0	0	0	1.45	0.00	0.01	0.00
2. Metal & Metal Products.	190	0	190	0	8	0	7.06	0.00	0.30	0.00
3. Chemicals	151	0	151	0	6	0	5.61	0.00	0.24	0.00
4. Paper, Newsprints etc.	2	0	2	0	0	0	0.07	0.00	0.00	0.00
5. Plastic & its products	8	0	8	0	0	0	0.30	0.00	0.01	0.00
6. Machinery/Instrument and Transport equipments.	106	0	106	0	4	0	3.94	0.00	0.17	0.00
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	15	0	15	0	1	0	0.56	0.00	0.02	0.00
8. Hair and wool	207	0	207	0	9	0	74.98	0.00	0.33	0.00
9. Rubber and its products.	1	0	1	0	0	0	0.04	0.00	0.00	0.00
10.Oil, fats etc.	9	0	9	0	0	0	0.33	0.00	0.01	0.00
11.Woodpulp.	302	0	302	0	13	0	11.23	0.00	0.47	0.00
12. Foodgrain (Cereals and Pulses)	30	0	30	0	1	0	1.12	0.00	0.05	0.00
13.Fertiliser & FRM	5	0	5	0	0	0	0.19	0.00	0.01	0.00
14.Industrial Alcohol & Spirits (Non-potable)	0	0	0	0	0	0	0.00	0.00	0.00	0.00
15.Drugs & Medicines	75	0	75	0	3	0	2.79	0.00	0.12	0.00
16.Timber & Log	21	0	178	0	1	0	6.62	0.00	0.03	0.00
17.Others	1797	2124	1570	2447	76	90	58.36	90.97	2.82	3.34
a) Carbon Materials	0	0	0	0	0	0	0.00	0.00	0	0
b) Miscellaneous	1797	2124	1570	2447	75.92	89.73	58.36	90.97	114.46	86.80
19. All Commodities	1853	2124	1817	2447	78.28	89.73	67.55	90.97	101.98	86.80
20. Tare Weight	242	243	242	243	10.22	10.27	9.00	9.03	100.00	100.00
21. Transhipment incl. tare wt.	510	0	510	0	21.55	0.00	18.96	0.00	100.00	-
Grand Total	2095	2367	2569	2690	100.00	100.00	100.00	100.00	81.55	87.99

Note : For Visakhapatnam port commodity-wise break up of Container Cargo for 2015-16 are not available.

**Table 2.1.7
(Contd...)**

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2014-15 & 2015-16

Commodities	General Cargo (000T)				% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo		2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
	2014-15	2015-16	2014-15	2015-16						
1	2	3	4	5	6	7	8	9	10	11
PORT : CHENNAI										
UNLOADED										
1. Iron & Steel	0	0	0	0	0	0	0	0	0	0
2. Metal & Metal Products.	0	0	0	0	0	0	0	0	0	0
3. Chemicals	0	0	0	0	0	0	0	0	0	0
4. Paper, Newsprints etc.	0	0	0	0	0	0	0	0	0	0
5. Plastic & its products	0	0	0	0	0	0	0	0	0	0
6. Machinery/Instrument and Transport equipments.	0	0	0	0	0	0	0	0	0	0
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0	0	0	0	0	0	0	0	0	0
8. Hair and wool	0	0	0	0	0	0	0	0	0	0
9. Rubber and its products.	0	0	0	0	0	0	0	0	0	0
10.Oil, fats etc.	0	0	0	0	0	0	0	0	0	0
11.Woodpulp.	0	0	0	0	0	0	0	0	0	0
12. Foodgrain (Cereals and Pulses)	0	0	0	0	0	0	0	0	0	0
13.Fertiliser & FRM	0	0	0	0	0	0	0	0	0	0
14.Industrial Alcohol & Spirits (Non-potable)	0	0	0	0	0	0	0	0	0	0
15.Drugs & Medicines	0	0	0	0	0	0	0	0	0	0
16.Timber & Log	0	0	0	0	0	0	0	0	0	0
17.Others	0	0	0	0	0	0.00	0.00	0.00	0	0
a) Non ferrous Metals	0	0	0	0	0	0	0	0	0	0
b). Waste Paper	0	0	0	0	0	0	0	0	0	0
c) Hides & Shines	0	0	0	0	0	0	0	0	0	0
d) Miscellaneous	0	0	0	0	0	0.00	0.00	0.00	0	0
18. All Commodities	13150	13574	14271	14922	81.68	84.31	81.79	85.52	92.14	90.97
19. Tare Weight	2441	2526	2441	2526	15.16	15.69	13.99	14.48	100.00	100.00
20. Transshipment incl. tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
Grand Total	15591	16100	16712	17448	100.00	100.00	100.00	100.00	93.29	92.27

Note: For Chennai port commodity-wise break up of Container and General Cargo for 2014-15 & 2015-16 are not available.

**Table
2.1.7**

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2014-15 & 2015-16

Commodities	General Cargo (000T)				% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo		2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
	2014-15	2015-16	2014-15	2015-16						
1	2	3	4	5	6	7	8	9	10	11
PORT : V.O. CHIDAMBARANAR										
UNLOADED										
1. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
2. Metal & Metal Products.	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
3. Chemicals	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
4. Paper, Newsprints etc.	0	0	0	0	0.00	0.00	0.00	0.00	0	0
5. Plastic & its products	0	0	0	0	0.00	0.00	0.00	0.00	0	0
6. Machinery/Instrument and Transport equipments.	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
7. Textiles(Cotton,Silk,Synthetic)Yarn etc.	0	0	0	0	0.00	0.00	0.00	0.00	0	0
8. Hair and wool	0	0	0	0	0.00	0.00	0.00	0.00	0	0
9. Rubber and its products.	0	0	0	0	0.00	0.00	0.00	0.00	0	0
10.Oil, fats etc.	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
11.Woodpulp.	0	0	0	0	0.00	0.00	0.00	0.00	0	0
12. Foodgrain (Cereals and Pulses)	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
13.Fertiliser & FRM	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
14.Industrial Alcohol & Spirits (Non-potable)	0	0	0	0	0.00	0.00	0.00	0.00	0	0
15.Drugs & Medicines	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
16.Timber & Log	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
17.Others	3903	4556	4391	4936	70.21	81.96	78.99	88.79	1.26	1.47
18. All Commodities	3903	4556	4391	4936	75.36	87.97	78.99	88.79	88.89	92.30
19. Tare Weight	486	623	486	623	9.38	12.03	8.74	11.21	100.00	100.00
20. Transhipment incl. tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	0	0
Grand Total	4389	5179	4877	5559	100.00	100.00	100.00	100.00	89.99	93.16

Note : For Chidambaranar port commodity-wise break up of Container Cargo for 2014-15 & 2015-16 not available.

**Table
2.1.7**

**Commodity-Wise Break-Up of Container and General Cargo and Level
of Containerisation at Major Ports - Port-wise - 2014-15 & 2015-16**

Commodities	General Cargo (000T)				% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo		2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
	2014-15	2015-16	2014-15	2015-16						
1	2	3	4	5	6	7	8	9	10	11
PORT : COCHIN										
UNLOADED										
1. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
2. Metal & Metal Products.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
3. Chemicals	0	0	0	0	0.00	0.00	0.00	0.00	-	-
4. Paper, Newsprints etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
5. Plastic & its products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
6. Machinery/Instrument and Transport equipments.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
8. Hair and wool	0	0	0	0	0.00	0.00	0.00	0.00	-	-
9. Rubber and its products.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
10.Oil, fats etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
11.Woodpulp.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
12. Foodgrain (Cereals and Pulses)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
13.Fertiliser & FRM	0	0	0	0	0.00	0.00	0.00	0.00	-	-
14.Industrial Alcohol & Spirits (Non-potable)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
15.Drugs & Medicines	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16.Timber & Log	0	0	0	0	0.00	0.00	0.00	0.00	-	-
17.Others	2981	3406	3020	3467	76.10	86.95	75.92	87.15	98.71	98.24
a) Cement	0	0	0	0	0.00	0.00	0.00	0.00	-	-
b) Cashew	0	0	0	0	0.00	0.00	0.00	0.00	-	-
c). Cement Clinker	0	0	0	0	0.00	0.00	0.00	0.00	-	-
d) Miscellaneous	2981	3406	3020	3467	76.10	86.95	75.92	87.15	98.71	98.24
18. All Commodities	2981	3406	3020	3467	76.10	86.95	75.92	87.15	98.71	98.24
19. Tare Weight	450	486	450	486	11.49	12.41	11.31	12.22	100.00	100.00
20 Transhipment incl. Tare Wt.	30	25	30	25	0.77	0.64	0.75	0.63	100.00	100.00
Grand Total	3461	3917	3500	3978	100.00	100.00	100.00	100.00	98.89	98.47

Note : For Cochin port commodity-wise break up of Container Cargo for 2014-15 & 2015-16 not available.

**Table
2.1.7**

**Commodity-Wise Break-Up of Container and General Cargo and Level
of Containerisation at Major Ports - Port-wise - 2014-15 & 2015-16**

Commodities	General Cargo (000T)				% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo		2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
	2014-15	2015-16	2014-15	2015-16						
1	2	3	4	5	6	7	8	9	10	11
PORT : NEW MANGALORE										
UNLOADED										
1. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
2. Metal & Metal Products.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
3. Chemicals	57	0	57	0	1.28	0.00	7.76	0.00	100.00	-
4. Paper, Newsprints etc.	1	0	1	0	0.00	0.00	0.14	0.00	100.00	-
5. Plastic & its products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
6. Machinery/Instrument and Transport equipments.	2	0	13	0	1.71	0.00	1.77	0.00	15.38	-
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
8. Hair and wool	0	0	0	0	0.00	0.00	0.00	0.00	-	-
9. Rubber and its products.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
10.Oil, fats etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
11.Woodpulp.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
12. Foodgrain (Cereals and Pulses)	0	0	0	0	1.28	0.00	0.00	0.00	-	-
13.Fertiliser & FRM	0	0	0	0	0.00	0.00	0.00	0.00	-	-
14.Industrial Alcohol & Spirits (Non-potable)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
15.Drugs & Medicines	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16.Timber & Log	21	0	85	0	5.98	0.00	11.56	0.00	24.71	-
17.Others	333	565	337	654	74.79	87.46	45.85	88.98	98.81	86.39
a) Cashew	195	0	195	0	55.56	0.00	26.53	0.00	100.00	-
b) Cement	0	0	0	0	0.00	0.00	0.00	0.00	-	-
c) Miscellaneous	138	565	142	654	19.23	87.46	19.32	88.98	97.18	86.39
18. All Commodities	414	565	493	654	85.04	87.46	67.07	88.98	83.98	86.39
19. Tare Weight	72	81	72	81	14.96	12.54	9.80	11.02	100.00	100.00
20 . Transhipment incl. tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	486	646	565	735	100.00	100.00	100.00	100.00	86.02	87.89

Note : For New Mangalore port commodity-wise break up of Container Cargo for 2014-15 & 2015-16 not available.

**Table 2.1.7
(Contd...)**

**Commodity-Wise Break-Up of Container and General Cargo and Level
of Containerisation at Major Ports - Port-wise - 2014-15 & 2015-16**

Commodities	General Cargo (000T)				% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo		2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
	2014-15	2015-16	2014-15	2015-16						
1	2	3	4	5	6	7	8	9	10	11
PORT : MORMUGAO										
UNLOADED										
1. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
2. Metal & Metal Products.	1	0	1	0	0.48	0.00	0.47	0.00	0.23	0.00
3. Chemicals	1	0	1	0	0.48	0.00	0.47	0.00	0.23	0.00
4. Paper, Newsprints etc.	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
5. Plastic & its products	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
6. Machinery/Instrument and Transport equipments.	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
8. Hair and wool	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
9. Rubber and its products.	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
10.Oil, fats etc.	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
11.Woodpulp.	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
12. Foodgrain (Cereals and Pulses)	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
13.Fertiliser & FRM	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
14.Industrial Alcohol & Spirits (Non-potable)	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
15.Drugs & Medicines	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16.Timber & Log	0	0	0	0	0.00	0.00	0.00	0.00	-	-
17.Others	108	176	123	178	51.67	84.21	58.29	84.36	87.80	98.88
a). X Ray film & Products	2	0	2	0	0.96	0.00	0.95	0.00	-	-
b). H. R. Steel Plates	0	0	0	0	0.00	0.00	0.00	0.00	-	-
c) Miscellaneous	106	176	121	178	50.72	84.21	57.35	84.36	87.60	98.88
18. All Commodities	110	176	125	178	52.63	84.21	59.24	84.36	88.00	98.88
19. Tare Weight	30	33	30	33	14.35	15.79	14.22	15.64	100.00	100.00
20. Transhipment incl. tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	140	209	155	211	100.00	100.00	100.00	100.00	90.32	99.05

Note : For Mormugao port commodity-wise break up of Container Cargo for 2014-15 & 2015-16 not available.

**Table 2.1.7
(Contd...)**

**Commodity-Wise Break-Up of Container and General Cargo and Level
of Containerisation at Major Ports - Port-wise - 2014-15 & 2015-16**

Commodities	General Cargo (000T)				% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo							
	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
1	2	3	4	5	6	7	8	9	10	11
PORT : J. L. NEHRU										
UNLOADED										
1. Iron & Steel	0	0	...	...	0.00	0.00	0	0	0	0
2. Metal & Metal Products.	0	0	...	...	0.00	0.00	0	0	0	0
3. Chemicals	0	0	...	...	0.00	0.00	0.00	0.00	0.00	0.00
4. Paper, Newsprints etc.	0	0	...	...	0.00	0.00	0	0	0	0
5. Plastic & its products	0	0	...	...	0.00	0.00	0	0	0	0
6. Machinery/Instrument and Transport equipments.	0	0	...	...	0.00	0.00	0	0	0	0
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0	0	...	...	0.00	0.00	0	0	0	0
8. Hair and wool	0	0	...	...	0.00	0.00	0	0	0	0
9. Rubber and its products.	0	0	...	...	0.00	0.00	0	0	0	0
10.Oil, fats etc.	0	0	...	...	0.00	0.00	0.00	0.00	0.00	0.00
11.Woodpulp.	0	0	...	...	0.00	0.00	...	0.00	0.00	0.00
12. Foodgrain (Cereals and Pulses)	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
13.Fertiliser & FRM	0	0	...	...	0.00	0.00	0	0	0	0
14.Industrial Alcohol & Spirits (Non-potable)	0	0	...	...	0.00	0.00	0	0	0	0
15. Drugs & Medicines	0	0	...	...	0.00	0.00	0	0	0	0
16. Timber & Log	0	0	...	...	0.00	0.00	0	0	0	0
17. Others	25493	25906	26158	25929	83.63	84.99	85.75	85.00	97.46	99.91
18. All Commodities	25493	25906	26158	25929	83.63	84.99	85.75	85.00	97.46	99.91
19. Tare Weight	4585	4524	4585	4524	15.04	14.84	15.03	14.83	100.00	100.00
20. Transhipment incl tare wt.	59	52	59	52	0.19	0.17	0.19	0.17	100.00	100.00
Grand Total	30137	30482	30802	30505	100.00	100.00	100.00	100.00	97.84	99.92

Note: For J.L.Nehru port commodity-wise break up of Container Cargo for 2014-15 & 2015-16 are not available.

**Table
2.1.7**

**Commodity-Wise Break-Up of Container and General Cargo and Level
of Containerisation at Major Ports - Port-wise - 2014-15 & 2015-16**

Commodities	General Cargo (000T)				% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo		2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
	2014-15	2015-16	2014-15	2015-16						
1	2	3	4	5	6	7	8	9	10	11
PORT : KANDLA										
UNLOADED										
1. Iron & Steel	0.00	0.00	...	...
2. Metal & Metal Products.	0.00	0.00	...	...
3. Chemicals	0.00	0.00	...	...
4. Paper, Newsprints etc.	0.00	0.00	...	...
5. Plastic & its products	0.00	0.00	...	...
6. Machinery/Instrument and Transport equipments.	0.00	0.00	...	...
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0.00	0.00	...	...
8. Hair and wool	0.00	0.00	...	...
9. Rubber and its products.	0.00	0.00	...	...
10.Oil, fats etc.	0.00	0.00	...	...
11.Woodpulp.	0.00	0.00	...	...
12. Foodgrain (Cereals and Pulses)	0.00	0.00	...	...
13.Fertiliser & FRM	0.00	0.00	...	...
14.Industrial Alcohol & Spirits (Non-potable)	0.00	0.00	...	...
15.Drugs & Medicines	0.00	0.00	...	...
16.Timber & Log	0.00	0.00	...	...
17.Others	0.00	0.00	...	...
a). Mislleneous	0.00	0.00	...	...
18. All Commodities	0	3	3982	4711	0.00	0.06	84.53	100.00	0.00	0.00
19. Tare Weight	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
20. Transhipment incl.tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
Grand Total	0	3	3982	4711	0.00	0.08	100.00	100.00	0.00	0.06

Note: For Kandla port commodity-wise break up of Container and General Cargo for 2014-15 & 2015-16 are not available.

**Table 2.1.7
(Contd...)**

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2014-15 & 2015-16

Commodities	General Cargo (000T)				% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo		2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
	2014-15	2015-16	2014-15	2015-16						
1	2	3	4	5	6	7	8	9	10	11
PORT : MUMBAI										
UNLOADED										
1. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
2. Metal & Metal Products.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
3. Chemicals	0	0	0	0	0.00	0.00	0.00	0.00	-	-
4. Paper, Newsprints etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
5. Plastic & its products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
6. Machinery/Instrument and Transport equipments.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
8. Hair and wool	0	0	0	0	0.00	0.00	0.00	0.00	-	-
9. Rubber and its products.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
10.Oil, fats etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
11.Woodpulp.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
12. Foodgrain (Cereals and Pulses)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
13.Fertiliser & FRM	0	0	0	0	0.00	0.00	0.00	0.00	-	-
14.Industrial Alcohol & Spirits (Non-potable)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
15.Drugs & Medicines	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16.Timber & Log	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
17.Others	457	462	15773	16617	98.92	100.00	94.92	100.00	2.90	2.78
a) Fruits	0	0	0	0	0.00	0.00	0.00	0.00	-	-
b) Synthetic Resin	0	0	0	0	0.00	0.00	0.00	0.00	-	0.00
c) Miscellaneous	457	462	15773	16617	98.92	100.00	94.92	100.00	2.90	2.78
18. All Commodities	457	462	15773	16617	98.92	100.00	94.92	100.00	2.90	2.78
19. Tare Weight	72	0	72	0	15.58	0.00	0.43	0.00	100.00	0.00
20.Transshipment incl.tare wt.	5	0	5	0	1.08	0.00	0.03	0.00	-	0.00
Grand Total	534	462	15850	16617	100.00	100.00	100.00	100.00	3.37	2.78

Note: For Mumbai port commodity-wise break up of Container and General Cargo for 2014-15 & 2015-16 are not available.

**Table 2.1.7
(Contd...)**

**Commodity-Wise Break-Up of Container and General Cargo and Level
of Containerisation at Major Ports - Port-wise - 2014-15 & 2015-16**

Commodities	General Cargo (000T)				% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo							
	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
1	2	3	4	5	6	7	8	9	10	11
ALL PORTS										
UNLOADED										
1. Iron & Steel	116	0	606	0	0.19	0.00	0.70	0.00	19.14	0.00
2. Metal & Metal Products.	595	0	595	0	0.95	0.00	0.69	0.00	100.00	0.00
3. Chemicals	426	0	426	0	0.68	0.00	0.49	0.00	100.00	0.00
4. Paper, Newsprints etc.	297	0	297	0	0.48	0.00	0.34	0.00	100.00	0.00
5. Plastic & its products	254	0	254	0	0.41	0.00	0.29	0.00	100.00	0.00
6. Machinery/Instrument and Transport equipments.	310	0	327	0	0.50	0.00	0.38	0.00	94.80	0.00
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	101	0	101	0	0.16	0.00	0.12	0.00	100.00	0.00
8. Hair and wool	224	0	2034	0	0.36	0.00	2.36	0.00	11.01	0.00
9. Rubber and its products.	23	0	23	0	0.04	0.00	0.03	0.00	100.00	0.00
10.Oil, fats etc.	41	0	41	0	0.07	0.00	0.05	0.00	100.00	0.00
11.Woodpulp.	320	0	320	0	0.51	0.00	0.37	0.00	100.00	0.00
12. Foodgrain (Cereals and Pulses)	618	0	1168	0	0.99	0.00	1.36	0.00	52.91	0.00
13.Fertiliser & FRM	13	0	177	0	0.02	0.00	0.21	0.00	7.34	0.00
14.Industrial Alcohol & Spirits (Non-potable)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
15. Drugs & Medicines	75	0	75	0	0.12	0.00	0.09	0.00	-	-
16. Timber & Log	214	0	736	0	0.34	0.00	0.85	0.00	29.08	-
17.Others	37454	42233	53918	61202	60.10	64.82	62.59	67.87	69.46	69.01
18.All Commodities	53160	55810	76470	80835	85.30	85.66	88.78	89.64	69.52	69.04
19.Tare Weight (a)	9065	9264	9065	9264	14.55	14.22	10.52	10.27	100.00	100.00
20.Transshipment incl.Tare Wt.(b)	604	77	604	77	0.97	0.12	0.70	0.09	100.00	100.00
Grand Total*	62319	65151	86139	90176	100.00	100.00	100.00	100.00	72.35	72.25

* excluding Ennore

Source: Major Ports

Table 2.1.8

Overseas Cargo of Principal Commodities Unloaded by Country - 2015-16

Country of Origin/Commodities	In '000 Tonnes													
	KDS	HDC	PPT	VPT	EPL	ChPT	V.O.C	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL-CRUDE														
Angola			1271			124		272	870				133	2670
Algeria						398								398
Argentina									95					95
Australia													611	611
Benin														0
Brunei		66	330			163						652		1211
CIS (Ex Russia)														0
Denmark														0
Egypt									80				524	604
Indonesia		257	251											508
Iran			262						5495				6237	11994
Iraq			1364	3217		2219						3207	9180	19187
Ivory Cost														0
Kuwait								769	1660			1962	3990	8381
Liberia														0
Libya														0
Malaysia		103	1018	342		142						696	165	2466
Mauritius			258										279	537
Netherland													308	308
Nigeria			1308	1573		746		2950				1461	3094	11132
Oman														0
Pakistan													46	46
Qatar													151	151
Russia														0
Saudi Arabia			3298	2634				1423	4025			3665	1278	16323
Singapore			7833									92		7925
South Korea												67		67
Sudan														0
Syria														0
Tunisia														0
Turkey												56		56
U.A.E.			654	1950					1537			2349	2634	9124
Ukraine														0
Venezuela													1732	1732
Yemen														0
Other Countries			260			3401		3189	492				8017	15359
Total	0	426	18107	9716	0	7193	0	8603	14254	0	0	14207	38379	110885

Table 2.1.8

Overseas Cargo of Principal Commodities Unloaded by Country - 2015-16

In '000 Tonnes

Country of Origin/Commodities	KDS	HDC	PPT	VPPT	EPL	ChPT	V.O.C	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL-PRODUCT														
Bahrain												8		8
Belgium												5		5
Bangladesh		18												18
Canada														0
China			9	9	3			13						34
France												14		14
Hong Kong														0
Indonesia														0
Iran														0
Iraq														0
Japan												31		31
North Korea														0
South Korea					16			21			58	76	6	177
Kuwait											1	35	6	42
Malaysia		35	73	27	38		6	15	35		2	3	24	258
Maldives											38			38
Netherlands			30	7							6			43
Norway														0
Oman		470	3				72	15	14		7		20	601
Pakistan							106		31			22		159
Qatar													17	17
Russia		16												16
Saudi Arabia		408									2	114	10	534
Singapore		181	133	143	170	34	118	78	44		96	64	36	1097
Taiwan					15						3			18
Thailand					15							11		26
Turkey														0
Tunisia														0
U.A.E.		261	47	22			32	43	183			67	141	796
USA					220	2		83			39	12		356
Other Countries	133		10			59		9			1	1163	37	1471
Total	133	1389	305	208	477	95	393	268	316	0	253	1625	297	5759

Table 2.1.8

Overseas Cargo of Principal Commodities Unloaded by Country - 2015-16

In '000 Tonnes

Country of Origin/Commodities	KDS	HDC	PPT	VPT	EPL	ChPT	V.O.C	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FERTILIZER														
Albania														0
Australia														0
Baharain														0
Belarus														0
Brazil													92	92
Canada		146		214									16	376
China	150	154		665		16	36		179	11			1436	2647
CIS (Ex. Russia)														0
Egypt														0
Estonia														0
Ethopia														0
Germany														0
Indonesia				10										10
Iran				85						22			363	470
Israel				23			45	22		39				129
Jordan				23						151			149	323
Kuwait													86	86
Latvia				44										44
Lithuania				98			102						142	342
Malaysia														0
Mexico														0
Morocco														0
Netherland														0
Oman				301			173		356				481	1311
Qatar				72									21	93
Romania														0
Russia				159			143		131				733	1166
Saudi Arabia				140									622	762
Singapore									6					6
South Korea														0
Soviet Union														0
Sri Lanka														0
Thailand														0
Tunisia														0
Turkey														0
U.A.E.				16										16
Ukraine				55									67	122
United Kingdom														0
USA				44									102	146
Other Countries				47		45			60			148	52	352
Total	150	300	0	1996	0	61	499	22	732	223	0	148	4362	8493

Table 2.1.8

Overseas Cargo of Principal Commodities Unloaded by Country - 2015-16

Country of Origin/Commodities	In '000 Tonnes													
	KDS	HDC	PPT	VPT	EPL	ChPT	V.O.C	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FRM-DRY														
Algeria														0
Antigua														0
Australia														0
Bahrain			43											43
Brunoi														0
Belgium														0
Chile														0
China														0
Denmark														0
Egypt		243	183	78		38	12		53				170	777
Iran														0
Israel														0
Italy														0
Japan														0
Jordan		37	1354	24			891							2306
Kuwait			18	18			22							58
Libya														0
Morocco			1050	143				124						1317
Nauru														0
Qatar		9	329	33				50						421
Russia			28											28
Saudi Arabia		40	239	82										361
Senegal				33										33
South Africa														0
Sri Lanka														0
Sudan														0
Syria														0
Togo				303										303
Tunisia														0
U.A.E.			167	32			43							242
USA			33			9								42
Ukraine														0
Vietnam														0
Yemen														0
Other Countries	51	9	917	53		152	44	56				291		1573
Total	51	338	4361	799	0	199	1012	230	53	0	0	291	170	7504

Table 2.1.8

Overseas Cargo of Principal Commodities Unloaded by Country - 2015-16

Country of Origin/Commodities	In '000 Tonnes													
	KDS	HDC	PPT	VPT	EPL	ChPT	V.O.C	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FRM-LIQUID														
Australia			15											15
Bahrain		28					7							35
Bangladesh			10	5			3							18
Belgium													31	31
Egypt			10										200	210
Germany													3	3
Indonesia		5	19	5				22	3				6	60
Iran		3	137	97				39						276
Israel													19	19
Japan			356	157									2	515
Jordan				19									543	562
Kuwait				4									145	149
Malaysia			14	3										17
Mauritius														0
Morocco		232	212	39				127	88	372			58	1128
Oman														0
Qatar		14	48	50			110		60					282
Russia														0
Saudi Arabia		7	29	15			20		5					76
Senegal													511	511
Singapore		7	19	7									3	36
South Africa				2										2
South Korea		19	409	44										472
Tunisia														0
USA													216	216
U.A.E.		7	29	35									4	75
U.K														0
Ukraine			302										80	382
Other Countries		21	257	44		8	8	25	41				35	439
Total	0	343	1866	526	0	8	148	213	197	372	0	0	1856	5529

Table 2.1.8

Overseas Cargo of Principal Commodities Unloaded by Country - 2015-16

In '000 Tonnes

Country of Origin/Commodities	KDS	HDC	PPT	VPT	EPL	ChPT	V.O.C	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FOOD GRAIN														
Australia							285	95	27			31		438
Canada												571		571
China														0
Dubai														0
Indonesia														0
Japan														0
Jordan														0
Myanmar														0
Russia														0
Taiwan														0
Vietnam														0
Others				50			86					359	79	574
Total	0	0	0	50	0	0	371	95	27	0	0	961	79	1583
IRON & STEEL														
Australia												1	13	14
Bangladesh	5	1												6
Brazil												86	10	96
Belgium						4						49		53
China	32	307	20	18		401	18	18	11			1849	324	2998
CIS(Ex. Russia)						2								2
Egypt														0
France														0
Germany						1						1		2
Indonesia		9	20	18		44						171	17	279
Iran												21		21
Italy						1								1
Japan	37	192	25	16		269						719	403	1661
North Korea													193	193
South Africa			4									4		8
South Korea			23									1441	78	1542
Malaysia												12	29	41
Myanmar														0
Netherland												1		1
Panama														0
Romania														0
Russia			22									55	25	102
Singapore				21		21						2	4	48
Saudi Arabia														0
Spain												1		1
Sri Lanka														0
Sweden														0
Taiwan												7		7
Thailand				6		6								14
Turkey														0
U.A.E.												15	15	30
Ukraine												187		187
UK														0
USA				19								129		148
Vietnam														0
Other Countries	47	5		2		488	0					803	18	1363
Total	121	563	111	54	0	1237	18	18	11	0	0	5554	1131	8818

Table 2.1.8

Overseas Cargo of Principal Commodities Unloaded by Country - 2015-16

In '000 Tonnes

Country of Origin/Commodities	KDS	HDC	PPT	VPT	EPL	ChPT	V.O.C	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
EDIBLE OIL														
Algeria														0
Argentina		734				6			7		388		613	1748
Brazil		69				6					65		1363	1503
China		8									12		217	237
CIS (Ex Russia)						521								521
Egypt														0
France														0
Indonesia		755				564	268		398	36	626	29	1214	3890
Japan														0
Macedonia														0
Maldives														0
Malaysia		224				153	10		129		214	27	1014	1771
Qatar														0
Romania														0
Russia									9					9
Singapore		480							12		11		36	539
Saudi Arabia														0
Spain													30	30
Thailand											5			5
Turkey														0
Ukraine		4						12	141		261			418
UAE		10												83
USA						2								17
Other Countries	719	102	0	0	0	4						117	332	1274
Total	719	2386	0	0	0	1256	278	12	696	36	1582	173	4907	12045
COAL (COCKING)														
Australia		4470	6893	4408					49	6875			217	22912
Canada				79						256				335
China			69						396					465
CIS (Ex Russia)														0
Colombia														0
Egypt				50										50
Indonesia		29	69				3060		917	39				4114
Iran														0
Japan														0
Mozambique		489	217	289						178				1173
New Zealand		115	92	34										241
Poland														0
Romania														0
Russia			160						6	150				316
Singapore			192		75				73					340
South Africa		54					190		1200	172				1616
Ukraine														0
USA		304	74	233					99	70				780
Venezuela									30					30
Vietnam			34											34
Other Countries	297		16	15	0		55		188					571
Total	297	5407	7870	5108	75	0	3305	0	2958	7740	0	0	217	32977

Table 2.1.8

Overseas Cargo of Principal Commodities Unloaded by Country - 2015-16

In '000 Tonnes

Country of Origin/Commodities	KDS	HDC	PPT	VPT	EPL	ChPT	V.O.C	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
COAL (THERMAL)														
Australia			105		143					247			168	663
China			44						77				160	281
Colombia														0
Indonesia			3831		9071		4997	44	2932	858			6509	28242
Malaysia														0
Philippines														0
Russia					372		1342							1714
Singapore			31		396									427
South Africa			3224		211		157	44	88	2512			2600	8836
Spain														0
Thailand														0
USA			48		68								3359	3475
UAE														0
Ukraine										54				54
Other Countries	1660		211						222	56		3451	1988	7588
Total	1660	0	7494	0	10261	0	6496	88	3319	3727	0	3451	14784	51280
IRON ORE / PELLETS														
Australia														0
Bahrain														0
Brazil									72					72
China														0
Finland														0
Oman														0
Qatar														0
Russia														0
Senegal														0
South Africa			46		107		86			383			927	1549
Ukraine														0
Vietnam														0
Other Countries			53											53
Total	0	46	53	107	0	0	86	0	72	383	0	0	927	1674

Table 2.1.8

Overseas Cargo of Principal Commodities Unloaded by Country - 2015-16

In '000 Tonnes

Country of Origin/Commodities	KDS	HDC	PPT	VPT	EPL	ChPT	V.O.C	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
OTHER ORES														
Australia		275		233			132							640
Argentina														0
Brazil				55			23					16		94
Canada							37							37
Chile							516							516
China												87		87
Egypt														0
Gabon		288		125										413
Ghana														0
Indonesia							195							195
Iran														0
Japan														0
Malaysia			72	55										127
Mexico														0
Mozambique														0
Oman									330					330
Peru							125							125
Philippines														0
Saudi Arabia							22							22
South Africa			578	558								20		1156
Thailand														0
Turkey														0
UAE														0
USA														0
Other Countries	33	27		272			191					27		550
Total	33	1240	0	1298	0	0	1241	0	330	0	0	150	0	4292

Table 2.1.9

Overseas Cargo of Principal Commodities Loaded by Country (Port-wise) - 2015-16

(In '000 Tonnes)

Country of Origin/Commodities	KDS	HDC	PPT	VPT	EPL	ChPT	V.O.C	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL-PRODUCT														
Australia			37						242					279
Argentina														0
Bangladesh											25		33	58
Belgium												1		1
China			23			36			69		69	129	56	382
Egypt									42					42
France														0
Guyan														0
Hongkong									41				37	78
Indonesia									145				56	201
Japan		17		91		151		139	494		35	481	232	1640
Jakarta														0
Jordan													132	132
Kenya													41	41
North Korea													70	70
South Korea									131		141	127	70	469
Liberia														0
Malaysia		40	3	31		76			23		20		271	464
Maldives														0
Malta													145	145
Mauritius									1043					1043
Namibia													76	76
Netherlands									83					83
Oman			22								43	78	786	929
Pakistan									10					10
Qatar														0
Saudi Arabia											9	6	789	804
Singapore		353	35	124		534		109	460		93	270	2849	4827
Sri Lanka						3						14		17
Slovenia														0
Switzerland												6		6
Taiwan		16							184		36	74	59	369
Tanzania														0
U.A.E.		32						36	117		64	234	1833	2316
Ukraine														0
USA						39			84				300	423
Vietnam									68					68
Yemen														0
Yugoslavia									37					37
Other Countries	88					218		524	118			567	907	2422
Total	88	458	120	246	0	1057	0	808	3391	0	535	1987	8742	17432

**Table 2.1.9
(Contd.)**

Overseas Cargo of Principal Commodities Loaded by Country (Port-wise) - 2015-16

(In '000 Tonnes)

Country of Origin/Commodities	KDS	HDC	PPT	VPT	EPL	ChPT	V.O.C	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FOOD GRAIN														
Australia														0
Bangladesh	13													13
Canada														0
China														0
Ethopia														0
France														0
Indonesia													5	5
Iran													40	40
Italy														0
Japan														0
Kuwait													82	82
Malaysia														0
Maldives							7							7
Mozambique														0
Oman														0
Saudi Arabia													153	153
Singapore														0
Somalia													56	56
Sudan														0
Taiwan														0
Thailand														0
U.A.E.													82	82
Vietnam														0
Other Countries													315	315
Total	13	0	0	0	0	0	7	0	0	0	0	0	733	753

Table 2.1.9
Contd.

Overseas Cargo of Principal Commodities Loaded by Country (Port-wise) - 2015-16

(In '000 Tonnes)

Country of Origin/Commodities	KDS	HDC	PPT	VPT	EPL	ChPT	V.O.C	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
IRON & STEEL														
Algeria												1		1
Bangladesh	2	54		354									41	451
Belgium												32		32
Brazil														0
China									1					0.98
CIS														0
Indonesia														0
Iran														0
Italy				22		83						1		106
Japan	1													1
Kenya												3		3
Kuwait				8										8
Malaysia														0
Maldives							7							7
Myanmar		10		10										20
Oman				4									14	18
Philippines												1		1
Qatar														0
Saudi Arabia				5									5	10
South Korea														0
Singapore														0
Spain												16		16
Sri Lanka				60										60
Sudan														0
Taiwan				6										6
Tanzania														0
Thailand		10		43										53
U.A.E.				1										1
United Kingdom														0
USA												169		169
Vietnam														0
Other Countries	27			22								137	21	207
Total	30	74	0	535	0	83	7	0	1	0	0	360	81	1171

Table 2.1.9
Contd.

Overseas Cargo of Principal Commodities Loaded by Country (Port-wise) - 2015-16

(In '000 Tonnes)

Country of Origin/Commodities	KDS	HDC	PPT	VPT	EPL	ChPT	V.O.C	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
IRON ORE														
Bangladesh														0
China		45	256	102					106	3289				3798
Itlay														0
Japan				592						83				675
Kuwait														0
Malaysia														0
South Korea				456										456
Netherlands														0
Pakistan														0
Phillipines														0
Romania														0
Saudi Arabia														0
U.A.E.				22										22
United Kingdom														0
Vietnam														0
Other Countries	6		55	295					65					421
Total	6	45	311	1467	0	0	0	0	171	3372	0	0	0	5372

**Table 2.1.9
(Contd.)**

Overseas Cargo of Principal Commodities Loaded by Country (Port-wise) - 2015-16

(In '000 Tonnes)

Country of Origin/Commodities	KDS	HDC	PPT	VPT	EPL	ChPT	V.O.C	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
OTHER ORES														
Banagladesh														0
Balgaria														0
Belgium														0
Brazil														0
China			37				20						212	269
France														0
Indonesia													44	44
Iran														0
Iraq						19								19
Italy														0
Japan			3				36							39
Kuwait														0
Poland														0
Singapore						21								21
Spain														0
South Korea			91											91
Maldives														0
Malaysia							13							13
Mexico														0
Netherlands							170						60	230
Nigeria														0
Qatar				18										18
Saudi Arabia													3	3
South Africa														0
Tanzania														0
Thailand														0
USA						25	52							77
Other Countries						352							15	367
Total	0	0	131	18	0	417	291	0	0	0	0	0	334	1191

Table 2.1.10**Tare Weight of Containers handled At Major Ports (000 Tonnes)**

Port	Container Cargo			Tare Weight			Container Traffic		
	2013-14	2014-15	2015-16	2013-14	2014-15	2015-16	2012-13	2013-14	2015-16
1	2	3	4	5	6	7	8	9	10
Kandla	453	0	56	0	0	0	1935	0	56
Mumbai	373	469	497	76	75	77	829	544	574
J.L.Nehru	46500	47554	47370	8735	9379	9421	57911	56933	56791
Mormugao	192	255	284	44	57	61	258	312	345
N.Mangalore	639	776	944	108	144	161	692	920	1105
Cochin	3957	4367	4786	828	879	999	4607	5246	5785
V.O.Chidambanar	9145	9960	11159	984	1074	1229	9372	11034	12388
Chennai	23895	25259	25469	4435	4686	4738	29708	29945	30207
Visakhapatnam	4361	3872	4569	555	500	576	4554	4372	5145
Paradip	80	58	121	19	9	11	171	67	132
Haldia Dock Complex	1985	1741	1201	245	217	175	2869	1958	1376
Kolkata Dock System*	6105	6981	8004	958	1129	1259	6960	8110	9263
Kamarajar	0	0	1	0	0	0	0	0	1
Total	97685	101292	104460	16987	18149	18707	119866	119441	123168

* Tare weight includes transshipment

Tare weight is taken for 20' ctr is 2.5 Mt and for 40' and above is 3.5 Mt.

Tare weight for Reefer is taken for 20' ctr is 3.5 Mt and for 40' and above is 4.5 Mt.

Source: Major Ports

Table 2.1.11 Reefer Container Traffic at Major Ports - 2014-15 & 2015-16

Port	Year	Export				Import				
		20 ft Containers		40 ft Containers		20 ft Containers		40 ft Containers		
		TEUs	Tonnes	TEUs	Tonnes	TEUs	Tonnes	TEUs	Tonnes	
1	2	3	4	5	6	7	8	9	10	
Kolkata Dock System	2014-15		1001	9585	6890	79983	937	10098	7116	30732
	2015-16		856	9837	8380	91215	899	6864	8638	45553
Haldia Dock Complex	2014-15		-	-	-	-	-	-	-	-
	2015-16		-	-	-	-	-	-	-	-
Paradip	2014-15		-	-	-	-	-	-	-	-
	2015-16		-	-	-	-	-	-	-	-
Visakhapatnam	2014-15		429	9360	11386	146578	403	1475	6596	15593
	2015-16		470	0	8729	0	387	0	7520	0
Chennai	2014-15		1154	0	11568	0	1462	0	13164	0
	2015-16		1146	0	6483	0	1577	0	6345	0
V.O. Chidambaranar	2014-15		425	10413	7198	176360	354	5386	6316	96088
	2015-16		349	0	3912	0	342	0	3818	0
Cochin	2014-15		802	12175	14860	219799	709	4742	14958	54499
	2015-16		829	0	6784	0	70	0	1034	0
New Mangalore	2014-15		28	71	120	30	1	3	713	4501
	2015-16		45	0	1687	0	12	0	347	0
Mormugao	2014-15		6	20	3370	50727	8	80	3270	7474
	2015-16		11	6	1407	1685	7	8	1412	1635
J.L.Nehru	2014-15		4408	44398	186546	2630667	3668	44027	76124	426475
	2015-16		4767	0	95040	0	4241	0	45450	0
Mumbai	2014-15		-	-	-	-	-	-	-	-
	2015-16		-	-	-	-	-	-	-	-
Kandla	2014-15		-	-	-	-	-	-	-	-
	2015-16		-	-	-	-	-	-	-	-
Total*	2014-15		8253	86022	241938	3304144	7542	65811	128257	635362
	2015-16		8473	9843	132422	92900	7535	6872	74564	47188

Note: There is no reefer container traffic at Ennore.

Note: *Total reefer container traffic may not be comparable in the year 2014-15 & 2015-16 in terms of tonnes because, some of the ports has not given the containers traffic handled in terms of tonnes.

Source: Major Ports

Table 2.1.12

Level of Containerisation in General Cargo at various Major Ports - 2014-15 & 2015-16

Port/Year	Container Cargo* (000 tonnes)			General Cargo(Break Bulk + Container) (000 tonnes)			Percentage of Container Cargo to General Cargo		
	Loaded	Unloaded	Total	Loaded	Unloaded	Total	Loaded	Unloaded	Total
1	2	3	4	5	6	7	8	9	10
KANDLA									
2014-15	0	0	0	827	3982	4809	0.0	0.0	0.0
2015-16	53	3	56	1441	4711	6152	3.7	0.1	0.9
MUMBAI									
2014-15	10	534	544	952	15850	16802	1.1	3.4	3.2
2015-16	112	462	574	972	16617	17589	11.5	2.8	3.3
J. L. NEHRU									
2014-15	26796	30137	56933	26810	30802	57612	99.9	97.8	98.8
2015-16	26309	30481	56790	26344	30505	56849	99.9	99.9	99.9
MORMUGAO									
2014-15	172	140	312	2163	155	2318	8.0	90.3	13.5
2015-16	136	209	345	1291	211	1502	10.5	99.1	23.0
NEW MANGALORE									
2014-15	434	486	920	463	565	1028	93.7	86.0	89.5
2015-16	460	646	1106	640	735	1375	71.9	87.9	80.4
COCHIN									
2014-15	1785	3461	5246	1785	3500	5285	100.0	98.9	99.3
2015-16	1868	3917	5785	1870	3978	5848	99.9	98.5	98.9
V.O. CHIDAMBARANAR									
2014-15	6645	4389	11034	7668	4877	12545	86.7	90.0	88.0
2015-16	7209	5179	12388	8735	5559	14294	82.5	93.2	86.7
CHENNAI									
2014-15	14354	15591	29945	15692	16712	32404	91.5	93.3	92.4
2015-16	14107	16100	30207	14855	17448	32303	95.0	92.3	93.5
VISAKHAPATNAM									
2014-15	2277	2095	4372	3556	2569	6125	64.0	81.5	71.4
2015-16	2778	2367	5145	3319	2690	6009	83.7	88.0	85.6
PARADIP									
2014-15	52	15	67	58	58	116	89.7	25.9	57.8
2015-16	62	70	132	63	195	258	98.4	35.9	51.2
KOLKATA DOCK SYSTEM									
2014-15	52	15	67	58	58	116	89.7	25.9	57.8
2015-16	4322	4941	9263	5654	5985	11639	76.4	82.6	79.6
HALDIA DOCK COMPLEX									
2014-15	941	1017	1958	972	1580	2552	96.8	64.4	76.7
2015-16	601	775	1376	692	1542	2234	86.8	50.3	61.6
KAMARAJAR									
2014-15	-	-	-	-	-	-	-	-	-
2015-16	0	1	1	2604	4	2608	0.0	25.0	0.0
TOTAL									
2014-15	53518	57880	111398	61004	80708	141712	87.7	71.7	78.6
2015-16	58017	65151	123168	68480	90180	158660	84.7	72.2	77.6

Note: Containers were not handled at Kamarajar Port during 2014-15!
Source: Major Ports

* Includes tare weight also

Table 2.1.13**Inland Container Movement At Major Ports - 2014-15 & 2015-16**

Port	Year	Incoming To Port				Outgoing from Port				Total	
		By Rail		By Road		By Rail		By Road		TEUs	Tonnes
		TEUs	Tonnes	TEUs	Tonnes	TEUs	Tonnes	TEUs	Tonnes		
1	2	3	4	5	6	7	8	9	10	11	12
Kolkata Dock System	2014-15	2611	...	6975	...	21786	...	4715	...	36087	...
	2015-16	2567	...	7403	...	20635	...	3383	...	33988	...
Haldia Dock Complex	2014-15	9674	155728	50901	558976	11750	180911	50928	930412	123253	1826027
	2015-16	9674	155728	50901	558976	4738	81922	42141	662547	107454	1459173
Paradip	2014-15	...	...	...	...	...	...	...	...	...	-
	2015-16	...	...	1322	27327	...	...	2474	65149	3796	92476
Visakhapatnam	2014-15	6138	154631	117672	2121903	2371	23698	121982	2072434	248163	4372666
	2015-16	8200	204082	139228	2483595	5370	25076	139744	2432461	292542	5145214
Chennai	2014-15	26028	...	369778	...	19480	...	470381	...	885667	-
	2015-16	38889	...	682155	...	48090	...	781454	...	1550588	-
V.O. Chidambaranar	2014-15	-	-	271224	745311	-	-	288503	4389131	559727	5134442
	2015-16	-	-	301525	7209546	-	-	310189	5178358	611714	12387904
New Mangalore	2014-15	-	-	31078	435072	-	-	31730	486060	62808	921132
	2015-16	-	-	37611	459761	-	-	38098	645385	75709	1105146
Cochin	2014-15	6542	52303	172802	1734270	4770	92852	182263	3366309	366377	5245734
	2015-16	1744	10130	192124	1686742	2920	78281	200019	3667948	396807	5443101
Mormugao	2014-15	-	-	8698	103825	-	-	9479	97477	18177	201302
	2015-16	-	-	9096	90331	-	-	9859	119494	18955	209825
J.L.Nehru(a)	2014-15	373420	6736701	1245150	20889430	323475	5732041	1196026	20547839	3138071	53906011
	2015-16	344489	5047583	1832484	21904928	426920	6634390	1847278	23675362	4451171	57262263
Mumbai	2014-15	-	-	5941	26519	-	-	28151	754851	34092	781370
	2015-16	-	-	5941	26519	-	-	28151	754851	34092	781370
Kandla	2014-15	-	-	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-	-	-
Total	2014-15	424413	7099363	2280219	26615306	383632	6029502	2384158	32644513	5472422	72388684
	2015-16	405563	5417523	3259790	34447725	508673	6819669	3402790	37201555	7576816	83886472

Note:-Containers are not handled at Kamarajar Port.

Source: Major Ports

Table 2.1.14

Inland Container Depot Movement at Major Ports -

PORT	(TEUs)				(TEUs)			
	2014-15			Total Container Traffic	2015-16			Total Container Traffic
	ICD Movement				ICD Movement			
	Moved in	Moved out	Total		Moved in	Moved out	Total	
1	6	7	8	9	6	7	8	9
Kolkata Dock System	9586	26501	36087	528166	9970	24018	33988	577749
Haldia Dock Complex	203	82	285	101928	99	21	120	85142
Paradip	-	-	-	-	-	-	-	4983
Visakhapatnam	6138	2371	8509	262148	8200	5370	13570	242924
Chennai	26028	33717	59745	1551548	59321	61098	120419	1565130
V.O. Chidambaram	133	0	133	559727	0	0	0	611714
Cochin	6542	4770	11312	366376	1744	2920	4664	419550
New Mangalore	0	0	0	62808	0	0	0	75709
Mormugao	0	0	0	24514	0	0	0	25539
J.L.Nehru	372675	610086	982761	4436836	344489	426920	771409	4491568
Mumbai	0	0	0	45478	0	0	0	42820
Kandla	0	0	0	0	0	0	0	3167
All Ports	421305	677527	1098832	7939529	423823	520347	944170	8145995

(a) ICD movement figures shown are for JNPCT and NSICT only.

Source: Major Ports

Table

Selected Physical Performance Indicators - By Type of Vessels - 2014-15&2015-

Item/Year	Category of Vessels					
	Dry-Bulk (Mech.)	Dry-Bulk (Conv.)	Liquid Bulk	Break- Bulk	Container vessels	All Types
1	2	3	4	5	6	7
1. No. of vessels sailed						
2014-15	1786	3542	6884	2618	5047	19877
2015-16	2052	3283	7637	2877	5639	21488
2. Av. pre-berthing waiting time(days)						
2014-15	2.57	2.59	1.89	1.37	0.30	1.61
2015-16	2.65	1.30	1.75	1.08	0.36	1.31
3. Av. turn round time (days)						
2014-15	5.09	6.22	3.57	4.76	2.27	3.89
2015-16	4.67	4.81	3.58	4.23	1.77	3.51
4. Percentage of idle time at berth to time at working berth (days)						
2014-15	23.3	26.2	25.1	31.3	10.6	23.9
2015-16	26.1	27.6	21.3	36.9	14.7	25.3
5. Av. Output per ship berth day (tonnes)						
2014-15	21188	9280	18079	2600	20333	12993
2015-16	29139	12404	20451	3618	22244	16471

Note :- Item 1 (No. of vessels sailed) pertain to ships which left after cargo operation.

Source: Major Ports

Table 2.1.16
Selected Physical Performance Indicators - Major Port-wise -2014-15 & 2015-16

Item	Kolkata Dock*	Haldia Dock Comple	Paradip	Visakhapatnam	Kamarajar ^	Chennai	V.O. Chidambaranar	Cochin	New Mangalore	Mormugao*	J.L. Nehru	Mumbai#	Kandla	All Ports
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1. No. of vessels sailed														
2014-15	1314	1907	1400	1942	779	1790	1380	997	1032	519	2642	1959	2216	19877
2015-16	1442	2026	1521	2018	813	1733	1588	1169	1243	605	2780	2037	2513	21488
2. Av. pre-berthing waiting time(days)														
2014-15	0.71	1.43	4.11	2.59	2.51	0.41	1.07	0.81	0.60	1.61	0.80	1.69	2.52	1.61
2015-16	0.50	0.66	2.05	1.47	4.73	0.44	1.33	0.66	0.76	1.38	1.17	1.27	1.98	1.31
3. Av. turn round time (days)														
2014-15	4.97	3.36	7.01	5.67	4.32	2.54	3.37	1.69	2.46	3.97	2.24	4.09	4.90	3.89
2015-16	4.78	3.27	4.50	3.84	6.87	2.53	3.53	2.18	2.63	3.37	2.31	3.29	4.28	3.51
4. Percentage of Idle time at berth to time at working berth (days)														
2014-15	35.8	29.4	24.8	29.4	24.7	18.2	21.2	28.9	14.4	16.0	9.4	37.0	17.9	23.9
2015-16	34.3	16.9	27.6	34.2	33.8	29.4	26.1	33.3	18.3	23.5	12.5	58.6	24.3	25.3
5. Av. Output per ship berth day (tonnes)														
2014-15	3084	6802	17736	10640	22613	14464	10468	16906	19856	12272	21310	11055	15159	12993
2015-16	3201	9126	26965	17179	31106	18976	13619	20962	16165	21542	23792	18020	16538	16471

*Excludes Lighterage Operation. **Excludes Stream Vessels except for TRT & No. of Vessels. #Includes stream Vessels

^Performance relates to Coal Handling except for No. of vessels.

Source: Major Ports

Table 2.1.17**Number of Vessels Sailed by Type of Vessels -2014-15&2015-16**

Port	Type of Vessel											
	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (Conv.)		Liquid Bulk		All Types	
	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
1	2	3	4	5	6	7	8	9	10	11	12	13
Kolkata Dock System	674	793	272	268	0	0	117	124	251	257	1314	1442
Haldia Dock Complex	188	223	54	70	167	170	590	544	908	1019	1907	2026
Paradip	18	25	14	20	506	547	527	539	335	390	1400	1521
Visakhapatnam	281	408	180	128	269	245	574	530	638	707	1942	2018
Kamarajar	0	0	123	129	413	426	0	0	243	258	779	813
Chennai	762	755	426	382	0	0	175	151	427	445	1790	1733
V.O. Chidambaranar	496	573	234	289	134	162	321	354	195	210	1380	1588
Cochin	528	643	32	41	63	68	18	19	356	398	997	1169
New Mangalore	103	177	38	107	89	108	184	123	618	728	1032	1243
Mormugao	69	96	118	89	145	208	61	74	126	138	519	605
J.L.Nehru	1928	1935	148	241	0	39	40	0	526	565	2642	2780
Mumbai	0	1	608	657	0	0	367	313	984	1066	1959	2037
Kandla	0	10	371	456	0	79	568	512	1277	1456	2216	2513
All Ports	5047	5639	2618	2877	1786	2052	3542	3283	6884	7637	19877	21488

Source: Major Ports

Table 2.1.18

Average Pre-berthing Detention By Type of Vessels - 2014-15 & 2015-16

(In Days)

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
1	2	3	4	5	6	7	8	9	10	11	12	13
Kolkata Dock System	0.40	0.28	0.54	0.60	-	-	2.60	1.10	0.84	0.81	0.71	0.50
Haldia Dock Complex	0.41	0.28	1.40	0.60	0.86	2.22	1.85	0.74	1.48	0.44	1.43	0.66
Paradip	0.55	0.39	2.21	0.62	2.17	2.49	7.79	2.03	1.53	1.63	4.11	2.05
Visakhapatnam	0.27	0.32	2.34	1.43	5.60	1.89	2.47	1.32	2.54	2.10	2.59	1.47
Kamarajar	-	-	0.49	0.79	2.52	5.00	-	-	3.52	6.26	2.51	4.73
Chennai	0.09	0.10	0.33	0.34	0.00	0.00	0.38	0.31	1.07	1.14	0.41	0.44
V.O.Chidambanar	0.26	0.28	1.46	1.66	0.81	1.28	2.20	3.00	0.99	0.99	1.07	1.33
Cochin	0.76	0.59	0.74	0.18	1.82	1.00	0.39	0.19	0.83	0.79	0.81	0.66
New Mangalore	0.03	0.13	0.41	0.29	0.55	0.34	0.57	0.28	0.72	1.13	0.60	0.76
Mormugao	0.63	0.23	1.08	1.21	3.61	2.75	1.04	0.49	0.61	0.69	1.61	1.38
J.L.Nehru	0.22	0.49	0.19	0.31	-	4.64	2.34	0.00	2.96	3.66	0.80	1.17
Mumbai	0.00	0.04	2.79	1.54	-	0.00	0.78	0.58	2.96	1.30	1.69	1.27
Kandla	0.00	0.68	1.47	1.69	-	0.36	1.65	1.14	3.22	2.46	2.52	1.98
All Ports	0.30	0.36	1.37	1.08	2.57	2.65	2.59	1.30	1.89	1.75	1.61	1.31

Source: Major Ports

Table 2.1.19

Average Turn Round Time - By Type Of Vessels - 2014-15 & 2015-16

(In Days)

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
1	2	3	4	5	6	7	8	9	10	11	12	13
Kolkata Dock System	4.00	3.64	6.99	7.22	-	-	8.96	8.70	3.51	3.85	4.97	4.78
Haldia Dock Complex	1.69	1.51	6.25	7.66	2.89	3.21	5.32	5.10	2.34	2.38	3.36	3.27
Paradip	1.80	1.63	5.93	3.57	4.23	4.29	12.47	5.85	2.95	3.17	7.01	4.50
Visakhapatnam	1.15	1.18	6.95	5.15	8.71	4.86	7.13	5.01	4.71	3.91	5.67	3.84
Kamarajar	0.00	0.00	1.17	1.74	4.91	7.44	0.00	0.00	4.91	8.49	4.32	6.87
Chennai	1.47	1.63	2.61	2.63	0.00	0.00	4.55	4.07	3.56	3.45	2.54	2.53
V.O.Chidambanar	1.34	1.35	3.64	4.01	4.81	4.65	5.84	6.48	3.16	2.96	3.37	3.53
Cochin	1.07	1.51	3.10	2.47	4.67	4.56	4.31	5.87	1.83	2.65	1.69	2.18
New Mangalore	1.58	1.29	2.89	1.93	2.91	2.37	3.76	3.39	2.13	2.97	2.46	2.63
Mormugao	1.86	1.28	4.82	4.98	6.19	4.82	3.94	3.04	1.79	1.79	3.97	3.37
J.L.Nehru	2.83	1.48	0.91	1.06	0.00	8.98	5.87	0.00	4.47	5.22	2.24	2.31
Mumbai	0.00	3.00	6.75	4.82	0.00	0.00	2.44	2.36	3.06	2.63	4.09	3.29
Kandla	0.00	2.30	4.79	5.28	0.00	2.71	4.19	3.36	5.25	4.38	4.90	4.28
All Ports	2.27	1.77	4.76	4.23	5.09	4.67	6.22	4.81	3.57	3.58	3.89	3.51

Source: Major Ports

Table 2.1.20

Percentage Of Idle Time At Working Berth To Time At Working Berth - By Type Of Vessels - 2014-15 & 2015-16

(In Days)

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
1	2	3	4	5	6	7	8	9	10	11	12	13
Kolkata Dock System	23.2	22.0	41.8	41.1	-	-	43.8	36.6	40.1	42.6	35.8	34.3
Haldia Dock Complex	35.8	32.9	28.1	16.6	26.7	19.5	28.3	15.8	31.0	16.2	29.4	16.9
Paradip	27.4	45.2	38.9	34.6	28.8	33.3	27.3	34.8	-	-	24.8	27.6
Visakhapatnam	14.8	19.6	29.1	33.4	33.2	39.5	27.1	31.6	34.9	40.5	29.4	34.2
Kamarajar	-	-	24.2	29.0	24.9	38.8	-	-	24.5	23.3	24.7	33.8
Chennai	0.0	17.2	34.2	61.9	-	-	26.3	34.8	16.8	19.8	18.2	29.4
V.O.CHIDAMBANAR	0.0	0.0	33.2	47.6	13.2	15.4	28.1	36.8	24.3	30.0	21.2	26.1
Cochin	78.8	27.6	32.0	42.4	10.8	12.5	48.5	60.3	32.7	41.5	28.9	33.3
New Mangalore	9.6	18.1	19.4	48.0	11.4	11.6	9.6	16.7	18.9	16.1	14.4	18.3
Mormugao	15.3	22.9	15.5	23.8	11.9	16.3	12.4	16.7	33.0	64.1	16.0	23.5
J.L.Nehru	7.2	7.9	20.0	20.0	-	5.5	4.6	-	20.3	24.9	9.4	12.5
Mumbai	-	72.5	39.9	69.5	-	-	41.9	64.8	30.2	42.0	37.0	58.6
Kandla	-	3.9	11.4	3.0	-	-	18.9	2.1	20.4	5.4	17.9	24.3
All Ports	10.6	14.7	31.3	36.9	23.3	26.1	26.2	27.6	25.1	21.3	23.9	25.3

Source: Major Ports

Table 2.1.21

Average Output Per Ship Berthday - By Type Of Vessels - 2014-15 & 2015-16

(Tonnes)

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
1	2	3	4	5	6	7	8	9	10	11	12	13
Kolkata Dock System	6432	7112	1551	3468	0	0	1707	1606	2804	2747	3084	3201
Haldia Dock Complex	9162	11954	1996	2416	11839	16081	6270	8408	6893	10028	6802	9126
Paradip	3036	6130	810	2877	26615	42666	9613	15490	44721	39932	17736	26965
Visakhapatnam	19211	19404	2009	3145	23018	33025	8134	12049	13115	22376	10640	17179
Ennore	0	0	37732	44329	25594	37666	0	0	10437	13442	22613	31106
Chennai	29039	33826	2726	4118	0	0	8670	10738	14127	16169	14464	18976
V.O.Chidambaranar	21535	21018	21535	21018	12690	16908	10152	14851	3678	4934	10468	13619
Cochin	16043	19675	492	1042	4520	5242	6371	7730	26691	33712	16906	20962
New Mangalore	6026	5663	1185	1580	17631	19509	13507	12047	29478	20352	19856	16165
Mormugao	3086	3688	4512	4542	25737	41685	11893	19170	7490	11855	12272	21542
J.L.Nehru	27992	32516	267	422	0	4321	4729	0	8527	9993	21310	23792
Mumbai	0	4351	1906	5298	0	0	26168	40393	19017	26739	11055	18020
Kandla	0	3508	3878	3872	0	19833	9698	11814	27501	26379	15159	16538
All Ports	20331	22244	2600	3618	21188	29139	9280	12404	18079	20451	12993	16471

Source: Major Ports

Table 2.1.22

Commodity-wise Average Pre-Berthing Detention - 2014-15 & 2015-16

(In Days)

Port	Year	Kolkata Dock System\$	Haldia Dock Comple	Paradip	Visakhak hapatnam	Kamar azar	Chennai	V.O.Chidambanar	Cochin	New Manglore	Mormugao	J L Nehru	Mumbai	Kandla	
Commodity	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL(Crude)	2015-16	-	0.40	2.85	0.88	-	1.87	-	0.48	1.30	-	1.06	1.30	1.51	
	2014-15	-	2.29	3.26	2.56	-	1.04	-	0.64	0.97	-	1.07	1.58	1.53	
POL(Product)	2015-16	0.72	0.42	1.67	1.93	-	1.24	1.04	1.05	1.14	0.36	4.12	1.12	1.68	
	2014-15	0.54	1.74	1.07	2.21	-	1.26	0.99	0.91	1.09	0.46	3.12	1.36	1.78	
LPG	2015-16	0.00	0.42	-	8.92	-	-	0.98	0.31	1.51	-	7.67	2.19	0.01	
	2014-15	-	1.24	-	8.31	-	-	0.84	-	0.31	-	6.47	-	-	
Iron Ore	2015-16	0.00	0.72	1.35	1.99	-	-	3.73	-	0.40	0.95	-	-	0.26	
	2014-15	0.00	2.07	7.15	2.58	-	-	4.61	-	0.67	1.36	-	-	0.02	
Coking Coal	2015-16	0.20	1.98	2.20	1.93	-	-	4.37	-	0.29	3.22	-	-	1.42	
	2014-15	0.28	1.38	11.52	6.40	-	-	-	-	0.61	4.22	-	-	0.50	
Thermal Coal	2015-16	-	0.33	2.25	0.57	5.00	-	2.29	-	0.27	2.62	-	-	0.47	
	2014-15	-	0.55	2.36	0.93	2.52	-	1.32	1.02	0.72	2.36	-	-	0.30	
Fertilisers *	2015-16	0.53	0.90	1.92	0.90	-	0.29	2.47	0.27	0.31	0.71	-	0.17	0.89	
	2014-15	-	1.14	1.00	1.06	-	0.21	0.69	0.09	0.47	1.59	-	5.75	0.57	
FRM (Dry)	2015-16	0.00	0.00	0.00	-	-	-	2.81	-	-	-	-	-	-	
	2014-15	0.92	2.00	1.78	2.82	-	0.43	1.86	0.80	1.09	-	-	3.58	2.52	
Other Dry Bulk	2015-16	0.68	0.72	2.01	1.63	-	0.38	1.96	0.90	0.35	1.37	4.63	4.97	1.95	
	2014-15	0.30	1.78	6.04	3.72	-	0.35	2.23	1.87	0.44	2.50	2.35	6.85	3.13	
Other Lqd. Bulk	2015-16	0.87	0.46	0.00	1.09	6.26	0.78	0.97	0.58	0.79	1.07	3.01	1.75	3.07	
	2014-15	1.00	1.38	0.56	1.68	3.52	0.93	1.03	0.68	0.48	0.76	2.43	1.56	4.60	
General Cargo	2015-16	0.38	0.50	0.60	1.43	0.79	0.37	2.21	0.18	0.30	1.21	0.31	1.56	1.73	
	2014-15	0.33	1.52	2.21	2.34	0.49	0.33	1.97	1.04	0.35	1.09	0.18	2.87	1.16	
Containers	2015-16	0.28	0.28	0.40	0.32	-	0.13	0.75	0.59	0.12	0.25	0.49	0.05	0.78	
	2014-15	0.40	0.41	0.55	0.27	-	0.09	0.26	0.75	0.03	0.63	0.34	0.00	0.00	
Total	2015-16	0.50	0.66	2.05	1.47	4.73	0.44	1.33	0.66	0.76	1.38	1.17	1.27	1.98	
	2014-15	0.71	1.43	4.11	2.59	2.51	0.41	1.07	0.81	0.60	1.61	0.80	1.69	2.52	

(a) Included in POL Products

\$ Excludes vessels engaged in lighterage operations of dry cargo at an

Source: Major Ports

* Fertilisers & FRM Dry included 2015-16

Table 2.1.23 Commodity-wise Average Turn Round Time 2014-15 & 2015-16

(In Days)

Port -->	Year	Kolkata Dock System\$	Haldia Dock Complex	Paradip	Visakhakha patnam	Kamrajar	Chennai	V.O.Chida mbaranar	Cochin	New Manglore	Mormugao	J.L.Nehru	Mumbai	Kandla	
Commodity	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL (Crude)	2015-16	-	1.23	4.46	2.73	-	3.99	-	2.23	3.16	-	2.39	2.80	3.48	
	2014-15	-	1.29	4.77	4.93	-	3.26	-	1.69	2.67	-	2.52	3.65	3.51	
POL(Produc ..	2015-16	3.63	1.63	3.13	2.47	-	3.70	3.34	3.16	2.81	1.56	6.21	793.64	3.72	
	2014-15	3.27	1.91	2.23	4.45	-	3.91	3.14	2.20	3.08	1.86	5.09	3.89	3.92	
LPG	2015-16	-	1.80	-	11.53	-	-	2.54	2.44	4.48	-	9.40	4.23	18.23	
	2014-15	-	1.78	-	11.20	-	-	2.83	-	0.80	-	8.50	-	-	
Iron Ore	2015-16	-	5.06	4.24	4.85	-	-	5.82	-	2.50	10.62	-	-	4.68	
	2014-15	5.69	5.43	10.31	5.41	-	-	6.91	-	3.23	3.41	-	-	7.79	
Coking Coal	2015-16	5.05	3.71	5.97	5.36	-	-	7.78	-	2.50	6.39	-	-	5.28	
	2014-15	6.20	3.60	16.60	10.24	-	-	-	-	3.30	6.86	-	-	4.39	
Thermal Coa	2015-16	-	2.91	3.76	2.67	7.29	-	6.00	4.41	2.69	4.73	-	-	4.46	
	2014-15	-	3.03	4.14	3.39	4.91	-	5.14	6.17	3.31	4.64	-	-	6.41	
Fertilisers*	2015-16	12.91	13.38	4.30	6.77	-	3.71	7.70	9.23	5.73	5.19	-	13.36	4.27	
	2014-15	-	10.49	7.47	7.21	-	7.10	6.12	5.10	5.81	5.40	-	43.84	5.48	
FRM (Dry)	2015-16	0.00	-	-	-	-	-	6.98	-	-	-	-	-	-	
	2014-15	6.48	7.34	5.16	9.04	-	6.29	5.98	8.96	5.91	-	-	33.50	6.50	
Other Dry Bu	2015-16	10.07	5.15	5.65	5.13	-	4.12	5.23	4.41	2.55	5.30	8.98	9.98	5.15	
	2014-15	6.43	5.30	10.59	8.39	-	4.18	5.96	3.72	3.54	6.95	5.92	17.69	7.50	
Other Lqd. Bl	2015-16	3.99	2.94	-	5.12	7.76	2.94	2.92	1.89	2.08	2.05	4.39	2.91	4.89	
	2014-15	3.64	2.73	2.27	3.46	4.91	3.43	3.23	1.11	1.79	1.73	3.75	2.96	6.58	
General Carç	2015-16	4.58	4.72	3.60	5.16	1.51	2.63	5.33	2.47	1.93	4.98	1.06	5.30	5.13	
	2014-15	5.15	4.74	5.93	6.95	1.17	2.61	4.89	3.10	2.65	4.80	0.93	6.93	5.18	
Containers	2015-16	3.64	1.51	1.64	1.18	-	1.63	1.35	1.51	1.29	1.28	1.48	3.04	2.33	
	2014-15	4.00	1.69	1.80	1.15	-	1.47	1.34	1.07	1.58	1.86	1.37	-	-	
Total	2015-16	4.78	3.27	4.50	3.84	6.87	2.53	3.53	2.18	2.63	3.37	2.31	3.29	4.28	
	2014-15	4.97	3.36	7.01	5.67	4.32	2.54	3.37	1.69	2.46	3.97	2.24	4.09	4.90	

\$ Excludes vessels engaged in lighterage operations of dry cargo at anchorages.

* Fertilizer & FRM included

Source: Major Ports

Table 2.1.24

Commodity-wise Average Non-Working Time at Berth - 2014-15 & 2015-16

(In Days)

Port --->	Year	Kolkata Dock System	Haldia Dock Complex	Paradip	Visakhakhapatnam	Kamarajar	Chennai	V.O.Chidambanar	Cochin	New Mangalore	Mormugao	J.L.Nehru	Mumbai	Kandla	
Commodity	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL(Crude)	2015-16	-	0.18	0.01	0.21	-	0.32	-	0.08	0.23	-	0.31	0.40	0.22	
	2014-15	-	0.37	...	0.41	-	0.29	-	0.60	0.21	-	0.33	0.45	0.21	
POL(Product)	2015-16	1.03	0.18	...	0.56	-	0.38	0.46	0.71	0.32	0.52	0.34	0.38	0.47	
	2014-15	0.79	0.47	...	0.78	-	0.44	0.58	0.59	0.41	0.49	0.32	0.63	0.51	
LPG	2015-16	-	0.18	-	0.43	-	-	0.36	1.17	0.30	-	0.29	0.33	2.36	
	2014-15	-	0.48	-	0.53	-	-	0.51	...	0.52	-	0.28	-	0.00	
Iron Ore	2015-16	0.00	0.42	0.88	0.88	...	-	0.65	-	0.30	1.48	-	-	0.39	
	2014-15	0.85	1.08	0.93	0.95	...	-	0.45	-	0.34	1.00	-	-	0.36	
Coking Coal	2015-16	1.29	0.23	0.91	0.82	-	-	0.83	-	0.29	0.44	-	-	0.42	
	2014-15	1.09	0.61	1.58	1.08	-	-	-	-	0.28	0.23	-	-	0.40	
Thermal Coal	2015-16	-	0.46	0.57	0.65	0.62	-	0.57	1.72	0.22	0.33	-	-	0.29	
	2014-15	-	1.04	0.74	0.81	0.57	-	0.57	2.20	0.22	0.36	-	-	0.25	
Fertilisers *	2015-16	2.91	1.51	0.00	1.32	-	1.19	1.47	2.58	1.04	1.05	-	5.40	0.30	
	2014-15	-	2.89	1.13	1.33	-	2.06	1.36	2.19	0.50	0.46	-	16.75	0.42	
FRM (Dry)	2015-16	1.13	-	-	-	-	-	1.11	-	-	-	-	-	-	
	2014-15	1.13	1.43	-	1.79	-	1.77	1.15	1.21	0.46	0.45	-	11.78	0.47	
Other Dry Bulk	2015-16	2.04	0.44	0.89	0.74	-	0.92	0.93	0.51	0.35	0.68	0.22	2.35	0.40	
	2014-15	1.52	0.95	1.10	1.07	-	0.95	1.04	0.31	0.32	0.25	0.16	4.14	1.37	
Other Lqd. Bulk	2015-16	0.70	0.18	-	0.46	0.27	0.38	0.47	0.19	0.27	0.29	0.27	0.36	0.35	
	2014-15	0.65	0.45	-	0.68	0.32	0.40	0.48	0.37	0.25	0.53	0.26	0.32	0.34	
General Cargo	2015-16	1.24	0.46	0.75	0.90	0.13	0.82	1.00	0.62	0.75	0.71	0.11	8.32	0.44	
	2014-15	1.41	0.96	1.42	1.29	0.13	0.73	0.96	0.94	0.50	0.57	0.15	1.40	0.38	
Containers	2015-16	0.36	0.17	0.36	0.13	-	0.20	0.00	0.13	0.20	0.19	0.07	1.21	0.27	
	2014-15	0.42	0.41	0.32	0.12	-	-	0.00	0.19	0.15	0.18	0.06	0.00	-	
Total	2015-16	0.65	0.28	0.51	0.57	0.43	0.45	0.45	0.30	0.33	0.53	0.12	0.73	0.37	
	2014-15	0.69	0.66	0.69	0.82	0.42	0.37	0.48	0.37	0.33	0.37	0.11	0.75	0.49	

Source: Major Ports

\$ Excludes vessels engaged in lighterage operations of dry cargo at anchorages.

* Fertiliser & FRM DRY Enclused Excludes FRM and oil vessels handled mechanically in Paradip total 102-

Table 2.1.25

Commodity-wise Output per Ship Berth Day - 2014-15 & 2015-16

(In Tonnes)

Port Commodity	Year	Kolkata Dock System\$	Haldia Dock Complex	Paradip	Visakhapatna m	Kamarajar	Chennai	V.O.Chid ambanar	Cochin	New Mangalore	Mormugao	J.L.Nehru	Mumbai	Kandla
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL(Crude)	2015-16	-	53890	131210	82105	-	54045	-	65055	73887	-	58091	75826	115245
	2014-15	-	32068	129627	57584	-	47287	-	71794	69481	-	39326	50057	99719
POL(Product)	2015-16	5464	18972	10161	13217	-	7978	5118	13762	22574	11893	9890	12049	27985
	2014-15	2809	9422	11442	7068	-	13438	4278	11340	20081	6641	8354	8516	21205
LPG	2015-16	-	16546	-	12497	-	-	5587	58048	5027	-	8543	8580	2730
	2014-15	-	11003	-	9290	-	-	3818	...	4404	-	6533	-	-
Iron Ore	2015-16	-	8528	10459	33991	-	-	20582	...	29796	13014	-	-	41032
	2014-15	2736	6709	11901	21062	-	-	16467	-	17212	10415	-	-	37603
Coking Coal	2015-16	3741	13721	12752	24341	-	-	20683	-	20161	30882	-	-	21902
	2014-15	2090	10924	10059	15271	-	-	-	-	16425	28323	-	-	16109
Thermal Coal	2015-16	-	19086	39519	24710	37665	-	16343	17136	35479	36741	-	-	27441
	2014-15	-	9495	32052	15971	25594	-	13130	12922	30208	25438	-	-	29108
Fertilisers *	2015-16	814	1958	13012	7668	-	6777	9611	5046	7184	5181	-	1618	14388
	2014-15	-	1887	7931	6073	-	3303	6264	5979	5875	4339	-	578	10606
FRM (Dry)	2015-16	-	-	-	-	-	-	14194	-	-	-	-	-	-
	2014-15	1239	3071	13846	4472	-	4655	9108	7854	3855	-	-	720	7606
Other Dry Bulk	2015-16	1593	7992	12206	14712	-	10840	9835	5750	6817	11429	4564	2868	13983
	2014-15	1713	5849	9702	9093	-	9936	9257	3501	5178	9232	4732	1432	5351
Other Liquid Bulk	2015-16	4472	5804	-	9219	13441	4577	4776	10725	8502	11812	6823	8342	9193
	2014-15	2796	4643	10482	5319	10437	3297	3428	9796	5856	8800	5491	5888	6032
General Cargo	2015-16	1144	4451	2166	3141	44339	4209	3124	1053	3022	4542	225	5249	4496
	2014-15	631	2584	810	2009	42602	2726	2296	492	1174	4566	270	2547	3878
Containers	2015-16	9155	11958	4276	19409	-	33826	21018	19676	6907	3688	32516	4343	4415
	2014-15	6432	9161	3036	19263	-	29039	21535	16043	5696	3086	32357	0	0
Total	2015-16	3201	9126	26965	17179	31106	18976	13619	20962	16166	21542	23792	18020	16538
	2014-15	3084	6802	17736	10640	22613	14464	10468	16906	19856	12272	21310	11055	15159

\$ Excludes vessels engaged in lighterage operations of dry cargo at anchorages.

* Fertiliser & FRM Dry included

(a) Includes Pellets

(b) Includes NSICT also

(c) Includes NSICT & GTIPL also

Source: Major Ports

Table 2.1.26**Average Pre-berthing Detention on Port & Non Port Account -Major Port-wise -2014-15 & 2015-16****(In Days)**

Port	2014-15			2015-16		
	Total	Port A/c	Non-Port A/c	Total	Port A/c	Non-Port A/c
1	2	3	4	5	6	7
Kolkata Dock System	0.71	0.22	0.49	0.50	0.09	0.41
Haldia Dock Complex	1.43	0.49	0.94	0.66	0.15	0.51
Paradip	4.11	0.04	4.08	2.05	0.20	1.85
Visakhapatnam	2.59	0.08	2.51	1.47	0.04	1.43
Kamarajar	2.51	0.00	2.51	4.73	0.00	4.73
Chennai	0.41	0.03	0.38	0.44	0.00	0.44
V.O. Chidambaranar	1.07	0.15	0.92	1.33	0.26	1.08
Cochin	0.84	0.08	0.77	0.66	0.06	0.60
New Mangalore	0.60	0.01	0.58	0.76	0.04	0.72
Mormugao	1.61	0.24	1.37	1.38	0.16	1.22
J.L.Nehru	0.80	0.41	0.39	1.17	0.36	0.81
Mumbai	1.69	0.23	1.46	1.27	0.24	1.02
Kandla	2.52	0.37	2.16	1.98	0.15	1.83
All Ports	1.61	0.21	1.39	1.31	0.16	1.16

Source: Major Ports

Table 2.1.27

Reason-wise, Major Port-wise Average Pre-berthing Detention - 2015-16

Sl. No.	Category Of Ships	No. Of Ships	Reason-wise average pre-berthing delay (in hrs.)								Total
			Non-avail. of Berth	Non-avail. of Tug/Craft	Non-avail. Of Pilot	Navigation Restriction	Draft Restriction	Shippers/ Ships/ Agents Option	Lack of cargo	Others	
1	2	3	4	5	6	7	8	9	10	11	12
Kolkata Dock System											
1.	Container	793	-	-	0.03	-	-	0.42	-	4.90	5.35
2.	Break Bulk	268	-	-	1.37	-	-	0.75	-	5.61	7.72
3.	Dry Bulk(C)	124	-	-	-	-	-	1.13	-	2.70	3.83
4.	Liquid Bulk	257	-	-	0.04	-	-	4.70	-	14.81	19.55
Total		1442	-	-	0.28	-	-	2.05	-	6.61	8.94
Haldia Dock Complex											
1.	Container	223	0.84	-	-	-	-	0.77	-	5.04	6.64
2.	Break Bulk	70	1.48	-	-	-	-	11.01	-	1.83	14.32
3.	Dry Bulk(M)	170	0.06	-	-	-	-	44.86	-	8.47	53.39
4.	Dry Bulk(C)	544	7.81	-	-	-	-	8.19	-	1.76	17.76
5.	Liquid Bulk	1019	2.58	-	-	0.03	-	5.40	-	2.56	10.57
Total		2026	3.54	-	-	0.01	-	9.15	-	3.09	15.79
Paradip											
1.	Container	25	1.44	-	-	-	-	6.96	-	0.96	9.36
2.	Break Bulk	20	3.90	-	-	-	-	9.80	-	1.15	14.85
3.	Dry Bulk(M)	547	3.03	-	-	-	-	55.40	-	1.23	59.67
4.	Dry Bulk (C)	539	4.78	-	-	-	-	42.43	-	1.43	48.64
5.	Liquid Bulk	390	3.28	-	-	-	-	35.09	-	0.80	39.17
Total		1521	3.70	-	-	-	-	44.20	-	1.19	49.09
Visakhapatnam											
1.	Container	408	-	-	-	-	-	3.45	-	4.14	7.59
2.	Break Bulk	128	0.64	-	-	-	-	3.91	-	29.74	34.30
3.	Dry Bulk(M)	245	0.10	-	-	-	-	8.13	3.14	34.06	45.43
4.	Dry Bulk(C)	530	0.64	-	-	-	-	5.65	-	25.29	31.58
5.	Liquid Bulk	707	0.81	-	-	-	-	8.79	0.00	40.81	50.41
Total		2018	0.50	-	-	-	-	6.50	0.38	27.80	35.18

(M) Mechanised. (C) Conventional.

Table 2.1.27(Contd...)

Reason-wise, Major Port-wise Average Pre-berthing Detention - 2015-16

Sl. No.	Category Of Ships	No. Of Ships	Reason-wise average pre-berthing delay (in hrs.)								Total
			Non-avail. of Berth	Non-avail. of Tug/Craft	Non-avail. Of Pilot	Navigation Restriction	Draft Restriction	Shippers/ Ships/ Agents Option	Lack Of Cargo	Others	
1	2	3	4	5	6	7	8	9	10	11	12
Kamarajar*											
1.	Container	-	-	-	-	-	-	-	-	-	-
2.	Break Bulk	129	-	-	0.03	-	-	18.90	-	-	18.94
3.	Dry Bulk(M)	426	-	-	0.03	-	-	120.07	-	-	120.10
4.	Dry Bulk(C)	-	-	-	-	-	-	-	-	-	-
5.	Liquid Bulk	258	-	-	0.04	-	-	150.23	-	-	150.27
6.	Other	-	-	-	-	-	-	-	-	-	-
	Total	813	-	-	0.03	-	-	113.59	-	-	113.62
Chennai											
1.	Container	755	-	-	-	0.70	-	2.34	-	0.07	3.11
2.	Break Bulk	382	-	-	-	0.75	-	7.86	-	0.33	8.93
3.	Dry Bulk(M)	0	-	-	-	-	-	-	-	-	-
4.	Dry Bulk(C)	151	-	-	-	1.24	-	6.97	-	0.51	8.72
5.	Liquid Bulk	445	0.01	-	-	0.89	-	26.54	-	0.91	28.36
	Total	1733	0.00	-	-	0.81	-	10.17	-	0.38	11.36
V.O. Chidambaranar											
1.	Container	573	-	-	-	-	-	6.82	-	-	6.82
2.	Break Bulk	289	-	5.73	-	-	0.12	33.34	-	0.59	39.77
3.	Dry Bulk(M)	162	-	0.83	-	-	-	27.80	-	2.13	30.76
4.	Dry Bulk(C)	354	-	20.98	-	-	0.10	50.60	-	0.37	72.05
5.	Liquid Bulk	210	-	2.17	-	-	0.07	21.18	-	0.26	23.68
	Total	1588	-	6.09	-	-	0.05	25.45	-	0.04	31.63
Cochin											
1.	Container	643	1.30	-	-	-	-	6.84	0.11	5.90	14.15
2.	Break Bulk	41	-	-	-	-	-	2.83	-	1.51	4.34
3.	Dry Bulk(M)	68	0.37	-	-	-	-	16.18	-	7.40	23.94
4.	Dry Bulk(C)	19	-	-	-	-	-	2.37	-	2.30	4.67
5.	Liquid Bulk	398	1.58	-	-	0.30	-	7.80	0.20	9.09	18.97
	Total	1169	1.27	-	-	0.10	-	7.50	0.13	6.86	15.86

(M) Mechanised. (C) Conventional. * - Data pertains to dry Bulk (mechanical) ships only

Table 2.1.27(Contd...)

Reason-wise, Major Port-wise Average Pre-berthing Detention - 2015-16

Sl. No.	Category Of Ships	No. Of Ships	Reason-wise average pre-berthing delay (in hrs.)								Total
			Non-avail. of Berth	Non-avail. of Tug/Craft	Non-avail. Of Pilot	Navigation Restriction	Draft Restriction	Shippers/ Ships/ Agents Option	Lack Of Cargo	Others	
1	2	3	4	5	6	7	8	9	10	11	12
New Mangalore											
1.	Container	177	-	-	-	-	-	1.71	0.98	0.31	2.99
2.	Break Bulk	107	-	-	-	-	-	5.10	1.73	0.24	7.07
3.	Dry Bulk(M)	108	-	-	-	-	-	7.90	-	0.17	8.06
4.	Dry Bulk(C)	123	-	-	-	-	-	6.54	-	0.15	6.69
5.	Liquid Bulk	728	1.72	-	-	-	-	24.60	0.83	0.07	27.21
	Total	1243	1.00	-	-	-	-	16.42	0.77	0.14	18.33
Mormugao#											
1.	Container	96	1.10	-	-	-	-	0.96	1.47	2.45	5.98
2.	Break Bulk	89	10.34	-	-	-	-	14.53	3.28	0.80	28.95
3.	Dry Bulk(M)	208	0.04	-	-	-	-	61.25	0.07	4.74	66.10
4.	Dry Bulk(C)	74	8.18	-	-	-	-	1.60	-	2.10	11.88
5.	Liquid Bulk	138	5.17	-	-	-	-	0.55	-	10.91	16.63
	Total	605	36.95	-	-	-	-	25.55	0.74	4.88	68.12
J.L.Nehru											
1.	Container	1935	1.88	-	0.01	0.58	0.19	0.01	-	9.00	11.67
2.	Break Bulk	241	1.64	-	0.02	0.02	-	0.02	-	5.50	7.20
3.	Dry Bulk(C)	39	18.95	-	-	0.01	-	0.10	-	92.30	111.36
4.	Liquid Bulk	565	31.71	-	0.01	0.00	0.03	0.12	-	55.98	87.85
	Total	2780	8.16	-	0.01	0.41	0.14	0.03	-	19.41	28.16
Mumbai											
1.	Container	1	-	-	-	-	-	0.12	-	0.96	1.08
2.	Break Bulk	657	0.06	-	-	-	-	38.72	-	1.29	40.07
3.	Dry Bulk(C)	313	-	-	-	-	-	13.68	-	-	13.68
4.	Liquid Bulk	1066	11.16	-	-	-	-	18.41	-	1.44	31.00
	Total	2037	5.86	-	-	-	-	24.22	-	1.19	31.27
Kandla											
1.	Container	10	-	-	-	-	-	21.52	-	0.89	22.41
2.	Break Bulk	456	5.04	-	-	-	-	34.75	-	1.44	41.23
3.	Dry Bulk(M)	79	-	-	-	-	-	11.65	-	0.48	12.13
4.	Dry Bulk(C)	512	4.73	-	-	-	-	22.99	-	0.95	28.66
5.	Liquid Bulk	1456	3.17	-	-	-	-	53.85	-	2.23	59.24
	Total	2513	3.71	-	-	-	-	42.64	-	1.76	48.11

P- Provisional (C) Conventional.

Source: Major Ports

(M) Mechanised. (C) Conventional. # 2 vessels double counted for dry bulk mech./dry bulk conv. are counted only once in the total

Table 2.1.28

Average Berth Occupancy For Major-Ports-2002-03 to 2015-16

Port	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
KANDLA	70.5	69.8	69.1	73.5	71.0	71.0	66.9	72.0	69.7	70.5	73.6	72.4	75.0	71.2
MUMBAI	57.0	57.5	60.6	61.1	64.4	65.4	65.5	50.6	63.9	57.2	50.8	42.1	46.8	46.5
J.L. NEHRU	53.1	53.2	60.1	66.7	64.3	66.4	67.7	66.2	73.5	71.4	58.3	57.8	65.7	67.0
MORMUGAO	69.3	65.5	82.2	78.7	81.0	73.8	70.2	79.2	79.2	79.2	46.7	30.0	33.5	54.1
NEW MANGALORE	29.1	33.3	49.7	52.3	47.0	56.0	54.0	52.0	46.5	48.6	49.1	45.1	36.7	38.5
COCHIN	56.7	63.3	71.9	65.7	67.3	66.0	63.5	63.7	70.3	74.9	71.9	58.1	52.0	53.6
V.O. CHIDAMBARANAR	61.3	54.8	53.7	59.3	67.6	72.9	70.2	66.9	70.5	84.5	83.0	74.0	69.1	70.1
CHENNAI	60.1	57.1	58.0	57.7	63.3	74.0	67.3	63.8	63.6	62.5	57.4	49.5	52.0	48.3
KAMARAJAR	43.4	39.3	31.2	34.2	34.4	35.5	47.0	41.2	42.5	33.1	40.0	67.0	73.3	75.9
VISAKHAPAT-NAM	62.0	65.1	61.8	58.2	59.5	73.6	65.9	76.3	73.2	73.6	68.7	61.9	66.2	52.0
PARADIP	47.6	52.6	59.9	59.7	65.0	76.6	70.9	77.6	73.6	63.6	66.4	80.0	79.3	66.8
HALDIA DOCK COMPLEX	71.6	60.8	75.3	85.6	85.9	81.1	83.6	81.2	78.6	70.6	68.0	68.5	65.5	72.9
KOLKATA DOCK SYSTEM	44.6	41.8	42.3	41.8	45.5	59.2	57.3	70.8	68.3	64.2	64.8	62.0	60.7	59.7

Source:-Major Ports

**Table
2.1.29**

**Performance of Cargo Handling Equipments of Major Ports -
2013-14, 2014-15 & 2015-16**

(In Percen

Sl. No.	Name Of The Port	Equipment	2013-14		2014-15		2015-16	
			% Avail-ability	% Utili-sation	% Avail-ability	% Utili-sation	% Avail-ability	% Utili-sation
1	2	3	6	7	8	9	8	9
1.	Kandla	Wharf Crane	87	52	80	45	84	45
		Mobile Crane	-	-	-	-	64	35
		Forklift Truck	89	49	87	44	-	-
2.	Mumbai	Wharf Crane	79	25	84	20	77	14
		Mobile Crane	82	20	-	-	91	1
		Forklift Truck	96	12	94	10	76	11
3.	Mormugao	Wharf Crane	-	-	-	-	94	47
		Mobile Crane	91	67	95	62	65	6
		Forklift Truck	-	-	-	-	87	17
4.	N.Mangalore	Wharf Crane	-	-	-	-	-	-
		Mobile Crane	98	1	97	2	96	20
		Forklift Truck	74	5	89	6	85	2
5.	Cochin	Wharf Crane	-	-	-	-	-	-
		Mobile Crane	90	20	92	6	93	4
		Forklift Truck	87	12	85	33	90	33
6.	V.O. Chidambaran	Wharf Crane	94	15	99	17	95	16
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	-	-	-	-	-	-
7.	Chennai	Wharf Crane	100	5	100	3	98	1
		Mobile Crane	99	32	99	49	97	40
		Forklift Truck	61	18	98	73	96	61
8.	Visakhapatana	Wharf Crane	99	21	-	-	-	-
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	-	-	-	-	-	-
9.	Paradip	Wharf Crane	100	0	72	1	-	-
		Mobile Crane	-	-	-	-	86	86
		Forklift Truck	-	-	-	-	-	-
10.	Kolkata Dock System	Wharf Crane	77	34	94	10	76	2
		Mobile Crane	91	43	91	39	94	38
		Forklift Truck	97	40	97	39	98	44
11	Haldia Dock Complex	Wharf Crane	-	-	-	-	-	-
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	-	-	-	-	-	-

Decommissioned

Average Norms for :

1. Wharf Crane : Availability 85 % to 90 %
Utilisation 35 % and above
2. Mobile Crane : Availability 82 % to 85 %
Utilisation 30 % and above
3. Forklift Truck : Availability 75 % to 80 %
Utilisation 35 % and above

Table 2.1.30

Availability And Utilisation Of Container Handling Equipments - Major Ports - 2014-15 & 2015-16

PORT	Year	Quay Side Gantry Crane				R.T. Gantry Crane			
		No.	% availa- bility	% Utilisation of		No.	% Availa- bility	% Utilisation of	
				Available Hrs.	Possible Hrs.			Available Hrs.	Possible Hrs.
1	2	3	4	5	6	7	8	9	10
Kolkata Dock System	2014-15	-	-	-	-	2	-	-	-
	2015-16	-	-	-	-	1	-	-	-
Haldia Dock Complex	2014-15	-	-	-	-	4	72.8	93.3	67.9
	2015-16	-	-	-	-	4	72.9	31.9	23.2
Paradip	2014-15	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-
Visakhapatnam	2014-15	4	81.3	43.9	35.7	6	87.2	64.5	56.2
	2015-16	4	-	-	-	6	-	-	-
Chennai	2014-15	7	93.0	54.0	50.0	22	93.0	71.0	66.0
	2015-16	7	94.0	58.0	55.0	22	94.0	82.0	77.0
V.O. Chidamabaranar	2014-15	3	88.0	73.0	63.0	8	88.0	91.0	80.0
	2015-16	3	87.0	72.0	63.0	8	87.0	90.0	79.0
Cochin	2014-15	4	93.1	37.2	34.6	15	96.0	48.5	46.5
	2015-16	4	89.9	38.9	34.9	15	92.1	52.7	48.5
New Mangalore	2014-15	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-
Mormugao	2014-15	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2014-15	8	86.4	65.6	56.7	18	91.8	71.2	65.4
	2015-16	9	90.0	60.1	54.1	18	96.2	59.5	57.3
Mumbai	2015-16	-	-	-	-	-	-	-	-
	2014-15	-	-	-	-	-	-	-	-
Kandla	2014-15	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-

Note : Possible hours: are the maximum hours for which the equipment is available.(No. of equipments x no of days x 24)

Available hours=Possible Hours - (hours lost due to maintenance + hours lost due to breakdown + hours lost due to recess)

% Availability = (Total Available Hours/Total Possible Hours) x 100

%Utilisation = (No. of Hours equipment utilised/No. of available hours/possible hours)x100

(a) Relates to JNPCTonly.

**Table 2.1.30
(Contd.)**

Availability And Utilisation Of Container Handling Equipments - Major Ports - 2014-15 & 2015-16

PORT	Year	Tractor				Top Lift Trucks			
		No.	% availa- bility	% Utilisation of		No.	% Availa- bility	% Utilisation of	
				Available Hrs.	Possible Hrs.			Available Hrs.	Possible Hrs.
1	2	3	4	5	6	7	8	9	10
Kolkata Dock System	2014-15	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-
Haldia Dock Complex	2014-15	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-
Paradip	2014-15	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-
Visakhapatnam	2014-15	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-
Chennai	2014-15	-	-	-	-	1	-	-	-
	2015-16	1.0	-	-	-	1	-	-	-
V.O. Chidamabaranar	2014-15	12	89.0	72.0	64.0	-	-	-	-
	2015-16	12	89.0	65.0	57.0	-	-	-	-
Cochin	2014-15	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-
New Mangalore	2014-15	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-
Mormugao	2014-15	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2014-15	20	88.2	100.0	88.2	-	-	-	-
	2015-16	20	92.2	79.3	73.1	-	-	-	-
Mumbai	2014-15	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-
Kandla	2014-15	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-

(a) :Relates to JNPT only.

**Table 2.1.30
(Contd.)**

Availability And Utilisation Of Container Handling Equipments - Major Ports - 2014-15 & 2015-16

PORT	Year	Rail Mounted G.Crane				Tata P&H Crane/Mobile Crane			
		No.	% availa- bility	% Utilisation of		No.	% Availa- bility	% Utilisation of	
				Available Hrs.	Possible Hrs.			Available Hrs.	Possible Hrs.
1	2	3	4	5	6	7	8	9	10
Kolkata Dock System	2014-15	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-
Haldia Dock Complex	2014-15	1	93.3	1.4	1.3	-	-	-	-
	2015-16	2	78.8	29.8	23.5	-	-	-	-
Paradip	2014-15	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-
Visakhapatnam	2014-15	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-
Chennai	2014-15	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-
V.O. Chidamabaranar	2014-15	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-
Cochin	2014-15	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-
New Mangalore	2014-15	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-
Mormugao	2014-15	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2014-15	5	89.3	58.6	52.3	-	-	-	-
	2015-16	5	94.1	45.2	42.5	-	-	-	-
Mumbai	2014-15	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-
Kandla	2014-15	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-

(a) :Relates to JNPCT.

**Table 2.1.30
(Contd.)**

Availability And Utilisation Of Container Handling Equipments - Major Ports - 2014-15 & 2015-16

PORT	Year	FLT/FEL				Reach Truck/Steaker			
		No.	% availa- bility	% Utilisation of		No.	% Availa- bility	% Utilisation of	
				Available Hrs.	Possible Hrs.			Available Hrs.	Possible Hrs.
1	2	3	4	5	6	7	8	9	10
Kolkata Dock System	2014-15	0	0.0	0.0	0.0	3	0.0	0.0	0.0
	2015-16	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Haldia Dock Complex	2014-15	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-
Paradip	2014-15	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-
Visakhapatnam	2014-15	-	-	-	-	6	83.7	26.1	21.8
	2015-16	-	-	-	-	6	-	-	-
Chennai	2014-15	4	-	-	-	-	-	-	-
	2015-16	4	-	-	-	1	-	-	-
V.O. Chidamabaranar	2014-15	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-
Cochin	2014-15	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	3	93.7	13.3	12.5
New Mangalore	2014-15	1	80.4	15.4	12.3	3	92.6	65.0	60.2
	2015-16	1	73.8	16.6	12.2	3	93.1	70.0	65.1
Mormugao	2014-15	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2014-15	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	3.0	98.7	0.0	0.0
Mumbai	2014-15	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-
Kandla	2014-15	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-

(a) Relates to JNPCT.
Source: Major Ports

Table 2.1.31

Container Handling Rate - Major Ports -2014-15 & 2015-16

Port	Year	Quay Side Gantry Crane			Rail Mounted Gantry Crane			RTG		
		%age of Idle Time	No of container handled per		%age of Idle Time	No of container handled per		%age of Idle Time	No of container handled per	
			Worked Hr.	Actual Worked Hr.		Worked Hr.	Actual Worked Hr.		Worked Hr.	Actual Worked Hr.
1	2	3	4	5	6	7	8	9	10	11
Kolkata Dock System	2014-15	-	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-	-
Haldia Dock Complex	2014-15	65.8	6.5	18.9	98.6	0.1	8.3	6.7	8.2	8.7
	2015-16	-	-	-	70.2	6.1	20.5	67.8	6.6	20.5
Paradip	2014-15	-	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-	-
Vishakhapatnam	2014-15	-	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-	-
Chennai(CCTL)	2014-15	6.8	25.0	27.0	-	-	-	22.6	11.0	15.0
	2015-16	11.7	21.3	24.1	-	-	-	3.9	9.4	17.7
V.O. Chidamabaranar	2014-15	1.2	21.0	22.0	...	...	...	0.8	12.0	13.0
	2015-16	1.3	20.4	20.7	...	...	...	0.9	11.8	11.9
Cochin	2014-15	0.0	23.4	23.4	-	-	-	0.0	8.6	8.6
	2015-16	0.0	26.8	26.8	-	-	-	0.0	9.4	9.4
New Mangalore	2014-15	-	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-	-
Mormugao	2014-15	-	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2014-15	27.9	15.7	21.7	18.0	6.1	7.5	27.2	5.1	7.6
	2015-16	25.5	19.7	24.2	40.9	14.2	15.6	41.5	8.4	10.6
Mumbai	2014-15	-	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-	-
Kandla	2014-15	-	-	-	-	-	-	-	-	-
	2015-16	-	-	-	-	-	-	-	-	-

Note: Number of Container per worked hour = Total Containers Handled/Total no. of equipment hours worked

Number of container per actual worked hour = Total container Handled/Total No. of equipment hours actually worked (Total No. of equipment hrs. worked-idle time)

(a): Relates to JNPCT.

Cochin not received from BOT Operator M/s IGTPL

Source: Major Ports

Table 2.1.32

Major Ports-Capacity and Utilisation - 2015-16

(In Million Tonnes/Percentage)

Port	Capacity/Utilisation	POL (Crude & Products)	Iron Ore	Thermal Coal	Fertiliser & FRM	Other Cargo	Container	Total
1	2	3	4	5	6	7	8	9
KDS	Cap.	4.50	0.00	0.00	0.00	6.74	9.86	21.10
	Util.	14.76	-	-	-	73.92	93.95	79.54
HDC	Cap.	17.00	6.00	9.00	0.00	29.89	4.00	65.89
	Util.	29.81	14.48	17.24	-	80.31	34.40	50.85
PPT	Cap.	54.50	6.39	21.00	7.50	37.55	0.00	126.94
	Util.	37.74	45.21	148.81	58.15	45.80	-	60.17
VPT	Cap.	27.49	12.50	0.00	1.87	59.69	6.20	107.75
	Util.	54.10	48.70	-	149.47	41.45	82.98	52.93
KPL(a)	Cap.	4.00	6.00	32.00	0.00	3.00	0.00	45.00
	Util.	61.08	0.00	79.80	-	140.83	-	71.57
ChPT	Cap.	17.67	8.00	0.00	0.00	22.92	44.85	93.44
	Util.	67.29	0.00	-	-	33.60	67.35	53.57
VOC	Cap.	3.15	0.00	24.18	0.00	24.70	7.23	59.26
	Util.	15.08	-	47.52	-	44.12	171.34	62.18
CoPT	Cap.	24.01	0.00	0.00	0.80	12.35	12.50	49.66
	Util.	57.36	-	-	31.50	17.79	46.28	44.49
NMPT	Cap.	49.17	7.50	5.40	0.00	15.70	0.00	77.77
	Util.	44.67	6.05	61.46	-	50.49	-	45.75
MoPT	Cap.	1.50	27.50	8.94	0.00	10.85	0.00	48.79
	Util.	37.27	14.42	41.69	-	110.20	-	42.58
JNPT	Cap.	6.50	0.00	0.00	0.00	0.90	81.97	89.37
	Util.	52.60	-	-	-	424.11	69.28	71.64
MbPT	Cap.	34.50	0.00	0.00	0.00	14.83	0.00	49.33
	Util.	103.39	-	-	-	141.51	-	123.90
KPT	Cap.	70.82	0.00	0.00	2.00	51.04	7.20	131.06
	Util.	77.65	-	-	226.60	47.30	0.78	75.89
ALL PORTS	Cap.	314.81	73.89	100.52	12.17	290.16	173.81	965.36
	Util.	59.20	20.73	99.73	131.67	56.79	70.86	62.76

Figure in the parenthesis indicate the number of berths. BJ Barge jetties, T-Transshippers, A-Anchorage, SBM- Single Buoy Mooring.

@ Capacity of JNP container terminal (3berths), NSICT(2berths), GTIL(3 BERTHS) and shallow water berth (1 no) has been taken as 16.88 MT, 15.00 MT, 26.40 MT and 1.20MT respectively. Capacity of one shallow water berth at JNPT is 0.90 MT for dry bulk cargo.

Capacity of Iron Ore berth has been taken as 6.0MT at Ennore Port. After full fledged commissioning, balance capacity of 6.0 MT will be added.

Only BPS berth of Mumbai Port is considered as dedicated container berth. Assessed capacity of BPS (Dedicated) container berth of Mumbai Port is 1.0MT. Berth No.6, 7/8 ID are used as holding berths for MbPT crafts and capacity has been accounted.

* After

Source : Development wing D/o Shipping & Major Ports.

Employment At Major Ports (As on 31st March, 2016)

Table 2.1.33

(In Numbers)

Port	Number of Officers		Number of non-cargo handling workers			Number of cargo handling workers other than Shore workers		Number of cargo handling shore workers	Number of casual workers	Total
	Class I	Class II	Class III	Class IV	Others	Class III	Class IV			
1	2	3	4	5	6	7	8	9	10	11
KPT	78	56	1076	845	0	0	0	235	0	2290
MbPT	290	19	3677	4037	0	0	0	0	0	8023
JNPT	183	48	340	99	111	857	0	0	0	1638
MoPT(a)	112	76	1021	502	0	311	46	0	0	2068
NMPT (b)	72	89	232	79	273	175	136	69	0	1125
CoPT	121	102	1338	162	34	134	109	67	0	2067
VOC	82	45	423	158	0	319	339	0	0	1366
ChPT	170	131	1110	1078	1223	927	457	406	0	5502
KPL	44	18	23	17	0	0	0	0	0	102
VPT	143	101	524	754	468	1089	250	0	0	3329
PPT	119	48	498	269	0	52	468	0	0	1454
KDS	430	110	1789	767	0	300	259	0	0	3655
HDC	162	94	119	172	204	817	625	0	0	2193
Total	2006	937	12170	8939	2313	4981	2689	777	0	34812

(a) Includes CHL, erstwhile MDLB

The cargo handling workers of Port are under "New Mangalore Port cargo handling workers (Regulation of Employment) Scheme, 1994".
Source: Major Port

Table 2.1.34

Employment At Dock Labour Boards of Major Ports (As on 31st March, 2016)

(In Numbers)

Port	Number of DLB Employees					Number of Dock Workers				Grand Total
	Class I	Class II	Class III	Class IV	Total	Registered	Listed	Others	Total	
1	2	3	4	5	6	7	8	9	10	11
KPT	1	0	13	5	19	571	-	3	574	593
VPT	4	3	54	34	95	734	-	-	734	829
KDS	13	8	43	4	68	69	0	0	69	137
MbPT	2	1	206	80	289	327	1330	0	1657	1946
All DLBs	20	12	316	123	471	1701	1330	3	3034	3505

Table 2.1.35 Mandays Employed and Mandays Lost at Major Ports : 2013-2016 (31st March)

Port	2013		2014		2015		2016	
	Mandays		Mandays		Mandays		Mandays	
	Employed(a)	Lost(b)	Employed(	Lost(b)	Employed(a)	Lost(b)	Employed(a)	Lost(b)
1	2	3	4	5	6	7	8	9
KPT	1541	0.0	1204	0.0	1136	0.0	1052	0.0
MbPT	5606	3.7	4386	0.0	4386	0.0	3639	1.9
MoPT	926.37	0.0	850	0.0	801	0.2	755	0.2
NMPT	524	4.1	486	0.0	458	2.7	411	2.7
CoPT	1010	4.1	923	0.0	842	0.0	754	1.9
VOC	662	1.1	601	0.0	546	0.0	499	0.0
KPL	37	0.00	37	0.0	37	0.0	37	0.0
ChPT	2402	0.0	2187	0.1	2093	0.0	2008	0.0
VPT	1803	2.5	1717	0.2	1678	0.0	1518	0.0
PPT	815	0.3	735	0.0	646	0.0	531	0.0
KDS	1762.22	0.0	1644	0.0	1515	0.0	1384	0.0
HDC	1054	0.5	977	0.0	896	0.0	800	0.3
JNPT	623	3.3	619	0.0	609	0.0	598	0.0
TOTAL	18764	1.9	16368	2.1	15643	0.1	13986	0.1

Note: (a) Mandays calculation includes Port Employees as well as Dock Employees.

(b): Mandays lost per 1000 Mandays employed

Source: Major Port

Table 2.1.36 Capital Employed at Major Ports - during 2015-16**(Rs. Crore)**

S.No.	Port	Capital Employed
1	2	3
1	KANDLA	1554.02
2	MUMBAI	992.76
3	J. L. NEHRU	3555.27
4	MORMUGAO	402.76
5	NEW MANGALORE	1032.25
6	COCHIN	-89.03
7	V.O.Chidambaranar	1124.14
8	CHENNAI	1709.11
9	KAMARAJAR	2080.92
10	VISAKHAPATNAM	1124.12
11	PARADIP	1977.88
12	HALDIA DOCK COMPLEX	759.68
13	KOLKATA DOCK SYSTEM	724.17

Source: Major Ports

Table 2.1.37

Operating Expenditure Under Various Heads - Major Ports - 2014-15 & 2015-16

(Rs. Crore)

Port	Salaries & Wages		Stores		Office & Administrative Security & Medical		Depreciation		Operation & Maintenance		Other Exp		Total	
	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Kolkata	268.55 (36.85)	268.74 (28.0)	1.44 (.20)	2.28 (.24)	84.08 (11.54)	82.76 (8.62)	13.55 (1.86)	25.64 (2.67)	133.54 (18.33)	160.00 (16.67)	227.52 (31.22)	420.36 (43.8)	728.68 (100.)	959.78 (100.)
HDC	215.64 (17.86)	232.44 (19.18)	11.75 (.97)	9.31 (.77)	57.37 (4.75)	61.90 (5.11)	25.51 (2.11)	23.81 (1.96)	141.79 (11.74)	159.05 (13.12)	755.41 (62.56)	725.52 (59.86)	1207.47 (100.)	1212.03 (100.)
Paradip	130.42 (21.82)	120.66 (20.97)	32.13 (5.38)	31.14 (5.41)	41.78 (6.99)	44.01 (7.65)	61.40 (10.27)	60.52 (10.52)	269.84 (45.14)	255.13 (44.34)	62.18 (10.4)	63.96 (11.12)	597.75 (100.)	575.42 (100.)
Visakhapatnam	185.29 (49.72)	185.69 (46.42)	36.77 (9.87)	40.48 (10.12)	35.53 (9.53)	37.37 (9.34)	40.05 (10.75)	40.54 (10.14)	34.55 (9.27)	30.37 (7.59)	40.46 (10.86)	65.53 (16.38)	372.65 (100.)	399.98 (100.)
Chennai	378.21 (66.96)	380.41 (67.66)	4.84 (.86)	4.74 (.84)	49.65 (8.79)	47.54 (8.46)	30.26 (5.36)	29.05 (5.17)	34.37 (6.09)	37.50 (6.67)	67.48 (11.95)	62.97 (11.2)	564.81 (100.)	562.21 (100.)
V.O.Chidambaranar	123.35 (53.86)	114.35 (47.74)	10.96 (4.79)	9.85 (4.11)	25.91 (11.31)	28.43 (11.87)	19.90 (8.69)	23.94 (9.99)	15.48 (6.76)	19.54 (8.16)	33.44 (14.6)	43.43 (18.13)	229.04 (100.)	239.54 (100.)
Cochin	149.04 (40.69)	142.52 (38.9)	15.08 (4.12)	14.41 (3.93)	29.85 (8.15)	30.42 (8.3)	20.01 (5.46)	20.90 (5.7)	131.51 (35.91)	135.00 (36.85)	20.78 (5.67)	23.11 (6.31)	366.27 (100.)	366.36 (100.)
New Mangalore	93.80 (37.71)	88.20 (35.58)	14.46 (5.81)	12.37 (4.99)	34.15 (13.73)	39.51 (15.94)	29.55 (11.88)	29.14 (11.75)	70.28 (28.25)	71.19 (28.72)	6.52 (2.62)	7.50 (3.03)	248.76 (100.)	247.91 (100.)
Mormugao	131.75 (53.35)	126.78 (53.)	10.59 (4.29)	7.01 (2.93)	31.87 (12.91)	27.60 (11.54)	22.96 (9.3)	19.27 (8.1)	43.74 (17.71)	53.57 (22.39)	6.04 (2.45)	5.00 (2.09)	246.95 (100.)	239.23 (100.)
Mumbai (1)	718.53 (67.27)	718.35 (66.78)	31.30 (2.93)	23.13 (2.15)	128.29 (12.01)	138.77 (12.9)	67.23 (6.29)	54.23 (5.04)	122.75 (11.49)	141.21 (13.13)	0.00 (.)	0.00 (.)	1068.10 (100.)	1075.69 (100.)
J. L. Nehru	197.59 (29.43)	197.88 (28.55)	11.19 (1.67)	7.50 (1.08)	91.40 (13.61)	84.58 (12.2)	73.31 (10.92)	69.79 (10.07)	174.21 (25.94)	91.23 (13.16)	123.80 (18.44)	242.14 (34.93)	671.50 (100.)	693.12 (100.)
Kandla	250.65 (40.39)	243.11 (39.11)	11.76 (1.89)	8.13 (1.31)	46.99 (7.57)	52.87 (8.51)	63.04 (10.16)	65.35 (10.51)	224.68 (36.2)	229.70 (36.95)	23.47 (3.78)	22.43 (3.61)	620.59 (100.)	621.59 (100.)
Kamarjar	11.93 (12.63)	12.21 (9.98)	0.00 (.)	0.00 (.)	17.55 (18.58)	25.23 (20.61)	18.05 (19.1)	19.08 (15.59)	28.89 (30.58)	65.02 (53.12)	18.06 (19.12)	0.86 (.7)	94.48 (100.)	122.40 (100.)
Total	2854.75 (39.02)	2831.34 (38.7)	192.27 (2.74)	170.35 (2.33)	674.42 (9.61)	700.99 (9.58)	484.82 (6.91)	481.26 (6.58)	1425.63 (20.32)	1448.51 (19.8)	1385.16 (19.74)	1682.81 (23.)	7017.05 (100.00)	7315.26 (100.00)

Note : Figures in paranthesis are the percentage of respective heads of Account to the total.

Source : Major Ports

Table 2.1.38

**Operating Financial Parameters Per Tonne Of Cargo
Handled at Major Ports : 2013-14, 2014-15 & 2015-16**

(Rs.)

Port	Operating Income			Operating Expenditure			Surplus/Deficit per tonne		
	2013-14	2014-15	2015-16	2013-14	2014-15	2015-16	2013-14	2014-15	2015-16
1	2	3	4	5	6	7	8	9	10
KANDLA	85.53	95.65	98.75	68.99	67.09	62.50	16.54	28.55	36.25
MUMBAI	220.48	227.02	241.85	163.19	173.22	176.00	57.29	53.79	65.85
J. L. NEHRU	215.82	231.32	260.06	98.03	106.22	108.25	117.80	125.10	151.81
MORMUGAO	180.14	194.92	165.02	205.37	167.87	115.20	-25.22	27.05	49.83
NEW MANGALORE	92.75	103.98	102.50	59.89	66.78	69.67	32.86	37.20	32.83
COCHIN	173.58	178.66	197.90	183.27	169.61	165.81	-9.69	9.05	32.09
V.O.Chidambaranar	131.65	144.02	149.53	80.79	70.69	65.01	50.86	73.34	84.52
CHENNAI	117.47	132.99	151.57	116.26	107.50	112.31	1.21	25.49	39.26
KAMARAJAR	190.46	187.25	191.68	20.89	19.43	37.92	169.57	167.82	153.76
VISAKHAPATNAM	136.88	136.65	159.12	102.48	97.49	96.73	34.40	39.16	62.39
PARADIP	134.49	129.69	134.02	80.83	77.40	75.32	53.67	52.29	58.70
HALDIA DOCK COMPL	365.91	379.43	324.89	274.57	275.64	238.75	91.34	103.79	86.14
KOLKATA DOCK SYS	412.93	390.61	460.61	400.02	349.50	356.70	12.92	41.11	103.91
All Major Ports	164.21	172.57	181.39	114.61	113.20	110.47	49.60	59.38	70.92

Table 2.2.1

Traffic Handled at Non-Major Ports (State-wise & Port-wise) - 2013-14, 2014-15 & 2015-16

('000 Tonnes)

States/U.T.	2013-14						2014-15						2015-16					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
GUJARAT																		
Bedi	5264	2453	7717	-	33	33	5194	3388	8582	0	3	3	4216	4132	8348	0	0	0
Bhavnagar	1597	25	1622	-	2	2	1888	0	1888	0	10	10	2425	0	2425	0	0	0
Dahej	20283	358	20641	659	317	976	26006	220	26226	629	232	861	22983	498	23481	1300	133	1433
GAPL	71255	18451	89706	6075	438	6513	79131	20487	99618	5787	451	6238	78172	21596	99768	3130	576	3706
GPPL	6131	2912	9043	30	1	31	7733	3281	11014	10	60	70	6242	2882	9124	0	0	0
Jafrabad	-	1145	1145	-	2286	2286	320	766	1086	0	2667	2667	498	777	1275	0	2419	2419
Magdalla	6875	2005	8880	9997	665	10662	9027	1724	10751	9340	381	9721	9064	1502	10566	10265	830	11095
Mul-Dwarka	475	5	480	-	2630	2630	621	281	902	0	2361	2361	280	46	326	0	2829	2829
Navalakh	4312	672	4984	-	-	-	6622	637	7259	22	0	22	6185	449	6634	131	0	131
Okha	1598	895	2493	-	17	17	1768	2690	4458	0	11	11	1880	2873	4753	16	273	289
Porbandar	544	1575	2119	-	91	91	775	1458	2233	0	90	90	803	2123	2926	0	81	81
Sikka	82789	42334	125123	71	32	103	72769	42528	115297	648	8437	9085	74934	41595	116529	581	10417	10998
HPPL	2837	0	2837	0	0	0	2984	0	2984	0	0	0	3489	0	3489	0	0	0
Veraval	-	-	0	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Mundra (Old)	4	97	101	-	-	0	3	90	93	0	0	0	2	84	86	0	0	0
Jakhau	503	2392	2895	-	168	168	386	2452	2838	0	130	130	607	2174	2781	0	161	161
Others	2685	896	3581	3066	0	3066	7863	1733	9596	1	0	1	11613	2484	14097	26	2	28
TOTAL	207152	76215	283367	19898	6680	26578	223090	81735	304825	16437	14833	31270	223393	83215	306608	15449	17721	33170
MAHARASHTRA																		
Dabhol	1126	-	1126	-	-	0	1193	55	1248	-	-	0	3215	0	3215	0	0	0
Dahanu	-	-	0	752	-	752	-	-	0	524	-	524	0	0	0	467	0	467
Dharamtar	5244	38	5282	4895	1	4896	5898	74	5972	4136	59	4195	6723	47	6770	3100	16	3116
Ratnagiri	422	-	422	248	-	248	526	-	526	274	-	274	439	0	439	273	0	273
Revdanda	605	53	658	396	-	396	592	52	644	467	33	500	1309	0	1309	2	33	35
Ulwa-Belapur	-	-	0	1556	3	1559	-	-	0	1622	1	1623	0	0	0	1607	12	1619
Jaigad	5071	743	5814	2	85	87	5899	1257	7156	0	1529	1529	6097	290	6387	31	1823	1854
Redi	1124	1211	2335	-	-	-	1100	413	1513	0	0	0	0	1341	1341	0	0	0
Dighi (Rajpuri)	356	124	480	62	60	122	626	183	809	27	36	63	403	187	590	192	3	195
Kelshi	24	394	418	-	-	0	0	548	548	-	-	0	503	351	854	52	0	52
Trombay	-	-	-	3	3	0	0	0	0	7	7	0	0	0	0	0	11	11
Others	15	50	65	1	-	1	66	41	107	0	57	57	59	103	162	2	158	160
TOTAL	13987	2613	16600	7912	152	8064	15900	2623	18523	7050	1722	8772	18748	2319	21067	5726	2056	7782
GOA																		
Panaji	284	-	284	-	-	-	412	347	759	1	0	1	170	260	430	0	0	0
TOTAL	284	0	284	0	0	0	412	347	759	1	0	1	170	260	430	0	0	0

Note : The cargo data of GAPL & GPPL for, 2011-12, 2012-13, 2013-14, 2014-15 & 2015-16 include containers.

Table 2.2.1(Contd...)

Traffic Handled at Non-Major Ports (State-wise & Port-wise) - 2013-14, 2014-15 & 2015-16

('000 Tonnes)

States/U.T.	2013-14						2014-15						2015-16					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
ANDHRA PRADESH																		
Kakinada																		
Anchorage Port	-	2715	2715	-	29	29	-	2659	2659	-	37	37	0	2018	2018	0	55	55
Deep Water Port	6911	3661	10572	2784	43	2827	13479	1781	15260	2587	115	2702	8887	3319	12206	2742	19	2761
Rawa	-	-	0	-	1543	1543	-	-	0	-	1276	1276	0	0	0	0	1299	1299
Krishnapatnam	20745	2534	23279	1917	-	1917	33347	2610	35957	3784	1000	4784	26812	2393	29205	5663	181	5844
Gangavaram	14110	1180	15290	100	420	520	19760	453	20213	0	530	530	19075	0	19075	0	270	270
TOTAL	41766	10090	51856	4801	2035	6836	66586	7503	74089	6371	2958	9329	54774	7730	62504	8405	1824	10229
KARNATAKA																		
Karwar	223	116	339	38	-	38	252	188	440	85	-	85	285	268	553	161	0	161
Old Mangalore	64	-	64	63	-	63	0	-	0	10	113	123	0	0	0	10	109	119
Malpe	-	-	0	2	-	2	-	-	0	0	1	1	0	0	0	1	0	1
Hangarkatta	-	-	0	-	1	1	-	-	0	-	1	1	0	0	0	0	1	1
Others	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	287	117	404	103	2	105	252	188	440	96	115	211	285	268	553	172	110	282
KERALA																		
Kozikode/Beyypore	-	-	0	12	62	74	-	-	0	34	93	127	0	2	2	19	105	124
Kovalam/Vizhinjam	-	-	0	-	9	9	-	7	7	-	0	0	0	8	8	0	0	0
Others	2	-	2	4	1	5	0	-	0	22	3	25	6	0	6	3	1	4
TOTAL	2	0	2	16	72	88	0	7	7	56	96	152	6	10	16	22	106	128
TAMIL NADU																		
Ennore	41	-	41	-	-	-	58	-	58	-	-	-	30	-	30	0	0	0
PY-3	-	-	0	-	-	-	-	-	0	-	-	-	0	0	0	0	0	0
Nagapattinam	-	-	0	-	307	307	-	4	4	-	218	218	30	0	30	3	266	269
Thrukkadaiyur	-	-	0	243	-	243	-	-	0	197	2	199	-	-	0	25	0	25
Cuddalore	264	-	264	-	1	1	234	-	234	-	1	1	258	-	258	-	1	1
Others	1	9	10	0	0	0	0	1	1	110	0	110	106	15	121	117	5	122
TOTAL	306	9	315	243	308	551	292	5	297	307	221	528	424	15	439	145	272	417
PUDUCHERRY																		
Karaikal	5938	306	6244	-	37	37	4499	89	4588	322	48	370	5569	138	5707	267	0	267
TOTAL	5938	306	6244	0	37	37	4499	89	4588	322	48	370	5569	138	5707	267	0	267
ODISHA																		
Dhamra	10225	855	11080	-	3222	3222	14051	99	14150	0	1302	1302	13891	395	14286	0	419	419
Gopalpur	-	69	69	-	-	-	-	-	-	-	-	-	0.00	181	181	63	0	63
TOTAL	10225	924	11149	0	3222	3222	14051	99	14150	0	1302	1302	13891	576	14467	63	419	482
SEA ISLANDS																		
Andaman Nicobar	51	-	51	797	301	1098	17	-	17	874	265	1139	45	-	45	999	279	1278
Lakshadweep	-	-	0	115	4	119	-	-	0	115	4	119	-	-	0	-	-	0
TOTAL	51	0	51	912	305	1217	17	0	17	989	269	1258	45	0	45	999	279	1278
All States TOTAL	279998	90274	370272	33885	12813	46698	325099	92596	417695	31629	21564	53193	317305	94531	411836	31248	22787	54035

Source : State / UT Maritime Boards

Table 2.2.2

Traffic Handled at Non-Major Ports (State-wise & Principal Commodity-wise) - 2013-14, 2014-15 & 2015-16

('000 Tonnes)

	2013-14						2014-15						2015-16					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
GUJARAT																		
POL & other Products	114079	44231	158310	6904	364	7268	103355	43871	147226	7746	8658	16404	112311	43597	155908	8068	10899	18967
Coal	61801	1052	62853	2815	91	2906	77619	351	77970	1961	56	2017	64917	587	65504	349	50	399
Building Material	720	2562	3282	1552	5168	6720	251	1859	2110	1596	5219	6815	360	1556	1916	1669	5490	7159
Fertiliser & FRM	5643	274	5917	33	0	33	7477	52	7529	0	0	0	9787	544	10331	0	0	0
Chemicals	394	30	424	28	331	359	125	57	182	38	253	291	0	0	0	0	24	24
Iron Ore	52	0	52	5117	0	5117	940	57	997	4635	0	4635	2177	0	2177	5285	49	5334
Iron & Steel	742	1109	1851	5	625	630	3037	800	3837	21	296	317	4248	870	5118	8	798	806
Other Ore	1182	3562	4744	0	11	11	1430	7031	8461	0	9	9	0	7671	7671	0	12	12
Foodgrains	0	974	974	0	0	0	70	191	261	0	7	7	271	75	346	0	6	6
Salt	92	2717	2809	0	2	2	0	2839	2839	0	47	47	0	2935	2935	0	97	97
Oil Cake	0	95	95	0	0	0	0	18	18	0	0	0	0	0	0	0	0	0
Edible Oil	590	0	590	0	0	0	996	0	996	20	0	20	1250	0	1250	22	0	22
Others	21857	19609	41466	3444	88	3532	27790	24609	52399	420	288	708	28072	25380	53452	48	296	344
Total	207152	76215	283367	19898	6680	26578	223090	81735	304825	16437	14833	31270	223393	83215	306608	15449	17721	33170
MAHARASHTRA																		
Iron Ore	1373	1263	2636	4894	85	4979	3856	466	4322	3462	1040	4502	2815	1341	4156	2113	1342	3455
Iron & Steel	544	13	557	205	1	206	362	0	362	332	22	354	214	0	214	734	12	746
POL & other Products	1123	0	1123	0	0	0	1193	54	1247	0	0	0	3225	0	3225	0	0	0
Building Material	0	0	0	1995	3	1998	0	0	0	2119	1	2120	352	0	352	1891	0	1891
Coal	8900	0	8900	815	0	815	8810	524	9334	1119	471	1590	10746	0	10746	915	512	1427
Fertiliser & FRM	140	0	140	0	0	0	156	15	171	0	0	0	151	0	151	0	0	0
Chemicals	151	0	151	0	0	0	210	0	210	0	0	0	154	0	154	0	0	0
Others	1756	1337	3093	3	63	66	1313	1564	2877	18	188	206	1091	978	2069	73	190	263
Total	13987	2613	16600	7912	152	8064	15900	2623	18523	7050	1722	8772	18748	2319	21067	5726	2056	7782
GOA																		
Iron Ore	0	0	0	0	0	0	0	347	347	0	0	0	0	260	260	0	0	0
Coal	284	0	284	0	0	0	412	0	412	0	0	0	170	0	170	0	0	0
Others	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
Total	284	0	284	0	0	0	412	347	759	1	0	1	170	260	430	0	0	0

Table 2.2.2 (Contd...)

Traffic Handled at Non-Major Ports (State-wise & Principal Commodity-wise) - 2013-14, 2014-15 & 2015-16

('000 Tonnes)

Commodity	2013-14						2014-15						2015-16					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
TAMIL NADU																		
POL & other Products	239	0	239	243	306	549	0	4	4	198	217	415	258	0	258	25	263	288
Edible Oil	0	0	0	0	0	0	0	0	0	0	0	0	30	0	30	3	0	3
Fertiliser & FRM	41	0	41	0	0	0	292	0	292	0	0	0	30	0	30	0	0	0
Bldg. Material	25	0	25	0	2	2	0	0	0	0	1	1	4	0	4	0	0	0
Others	1	9	10	0	0	0	0	1	1	109	3	112	102	15	117	117	9	126
Total	306	9	315	243	308	551	292	5	297	307	221	528	424	15	439	145	272	417
KERALA																		
Bldg. Material	0	0	0	1	14	15	0	0	0	18	0	18	0	0	0	1	0	1
POL & other Products	0	0	0	0	8	8	0	0	0	0	18	18	0	0	0	0	19	19
Others	2	0	2	15	50	65	0	7	7	38	78	116	6	10	16	21	87	108
Total	2	0	2	16	72	88	0	7	7	56	96	152	6	10	16	22	106	128
PUDUCHERRY																		
POL & Other Prdct	333	0	333	0	0	0	0	0	0	322	0	322	0	0	0	267	0	267
Bldg. Material	18	159	177	0	0	0	112	16	128	0	0	0	277	34	311	0	0	0
Coal	4453	0	4453	0	0	0	3344	0	3344	0	0	0	4658	0	4658	0	0	0
Fertiliser & FRM	349	0	349	0	0	0	551	0	551	0	0	0	421	0	421	0	0	0
Iron Ore	588	0	588	0	0	0	336	0	336	0	0	0	69	0	69	0	0	0
Others	197	147	344	0	37	37	156	73	229	0	48	37	144	104	248	0	0	0
Total	5938	306	6244	0	37	37	4499	89	4588	322	48	370	5569	138	5707	267	0	267
A & N ISLANDS																		
POL & other Products	7	0	7	163	12	175	8	0	8	162	5	167	9	0	9	185	5	190
Bldg. Material	0	0	0	219	123	342	0	0	0	270	117	387	0	0	0	342	137	479
Foodgrains	0	0	0	38	5	43	0	0	0	39	6	45	0	0	0	31	4	35
Fertiliser & FRM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	44	0	44	377	161	538	9	0	9	403	137	540	36	0	36	441	133	574
Total	51	0	51	797	301	1098	17	0	17	874	265	1139	45	0	45	999	279	1278
LAKSHADWEEP																		
POL & other Products	0	0	0	21	0	21	0	0	0	21	0	21	0	0	0	0	0	0
Bldg. Material	0	0	0	67	0	67	0	0	0	67	0	67	0	0	0	0	0	0
Others	0	0	0	27	4	31	0	0	0	27	4	31	0	0	0	0	0	0
Total	0	0	0	115	4	119	0	0	0	115	4	119	0	0	0	0	0	0
ANDHRA PRADESH																		
POL & other Products	0	0	0	164	1543	1707	84	18	102	25	1276	1301	1	9	10	118	1299	1417
Fertiliser & FRM	5378	0	5378	77	0	77	5316	0	5316	46	0	46	5907	0	5907	49	0	49
Edible Oil	1715	13	1728	7	0	7	2229	6	2235	0	3	3	2152	7	2159	9	3	12
Coal	31585	0	31585	4372	0	4372	31585	0	31585	4372	0	4372	38014	0	38014	8161	28	8189
Bldg. Material	87	1435	1522	0	29	29	162	2293	2455	0	37	37	152	1771	1923	0	55	55
Chemicals	0	0	0	0	0	0	276	0	276	64	0	64	257	0	257	0	0	0
Iron ore	0	1055	1055	0	420	420	9010	48	9058	0	1469	1469	1201	0	1201	0	420	420
Others	3001	7587	10588	181	43	224	17924	5138	23062	1864	173	2037	7090	5943	13033	68	19	87
Total	41766	10090	51856	4801	2035	6836	66586	7503	74089	6371	2958	9329	54774	7730	62504	8405	1824	10229

Table 2.2.2

Traffic Handled at Non-Major Ports (State-wise & Principal Commodity-wise) - 2013-14, 2014-15 & 2015-16

('000 Tonnes)

Commodity	2013-14						2014-15						2015-16					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
KARNATAKA																		
Other Minerals	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fertiliser & FRM	75	0	75	0	0	0	47	0	47	0	0	0	57	0	57	0	0	0
Salt	0	0	0	0	0	0	0	0	0	45	0	45	0	0	0	0	0	0
Coal	6	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POL & other Products	0	0	0	38	0	38	0	0	0	40	0	40	0	0	0	82	0	82
Bldg. Material	0	0	0	0	0	0	0	0	0	0	85	85	0	0	0	0	81	81
Iron ore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	206	113	319	65	2	67	205	188	393	11	30	41	228	268	496	90	29	119
Total	287	117	404	103	2	105	252	188	440	96	115	211	285	268	553	172	110	282
ODISHA																		
Fertiliser & FRM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron ore	0	855	855	0	2635	2635	25	99	124	0	1004	1004	103	0	103	0	209	209
Coal	9561	0	9561	0	587	587	13111	0	13111	0	298	298	12557	0	12557	0	210	210
Others	664	69	733	0	0	0	915	0	915	0	0	0	1231	576	1807	63	0	63
Total	10225	924	11149	0	3222	3222	14051	99	14150	0	1302	1302	13891	576	14467	63	419	482
ALL STATES																		
POL & other Pdcts	115781	44231	160012	7533	2233	9766	104640	43947	148587	8514	10174	18688	115804	43606	159410	8745	12485	21230
Coal	116590	1052	117642	8002	678	8680	134881	875	135756	7452	825	8277	131062	587	131649	9425	800	10225
Building Material	850	4156	5006	3834	5339	9173	525	4168	4693	4070	5460	9530	1145	3361	4506	3903	5763	9666
Fertiliser & FRM	11626	274	11900	110	0	110	13839	67	13906	46	0	46	16353	544	16897	49	0	49
Chemicals	545	30	575	28	331	359	611	57	668	102	253	355	411	0	411	0	24	24
Iron Ore	2013	3173	5186	10011	3140	13151	14167	1017	15184	8097	3513	11610	6365	1601	7966	7398	2020	9418
Iron & Steel	1286	1122	2408	210	626	836	3399	800	4199	353	318	671	4462	870	5332	742	810	1552
Other Ore	1182	3562	4744	0	11	11	1430	7031	8461	0	9	9	0	7671	7671	0	12	12
Salt	92	2717	2809	0	2	2	0	2839	2839	45	47	92	0	2935	2935	0	97	97
Oil Cake	0	95	95	0	0	0	0	18	18	0	0	0	0	0	0	0	0	0
Edible Oil	2305	13	2318	7	0	7	3225	6	3231	20	3	23	3432	7	3439	34	3	37
Foodgrains	0	974	974	38	5	43	70	191	261	39	13	52	271	75	346	31	10	41
Other Minerals	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	27728	28871	56599	4112	448	4560	48312	31580	79892	2891	949	3829	38000	33274	71274	921	763	1684
Total	279998	90274	370272	33885	12813	46698	325099	92596	417695	31629	21564	53193	317305	94531	411836	31248	22787	54035

Source : States/UT Maritime Boards

Table 2.2.3

**Commodity-wise Overseas Cargo Traffic Handled At Select
Non-Major Ports - 2013-14, 2014-15 & 2015-16**

('000 Tonnes)

Port/Commodity	2013-14			2014-15			2015-16		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
GUJARAT									
1. Bedi	5264	2453	7717	5194	3388	8582	4216	4132	8348
a)Others Ore	-	1600	1600	-	3106	3106	0	3101	3101
b)Fertilizers & FRM	278	-	278	83	52	135	388	544	932
c)Oil Cakes	-	95	95	-	18	18	0	0	0
d)Coal	4966	719	5685	5111	212	5323	3828	487	4315
e)Others	20	39	59	0	0	0	0	0	0
2. Okha	1598	895	2493	1768	2690	4458	1880	2873	4753
a)Chemicals	-	-	-	-	-	-	0	0	0
b) Coal	594	-	594	700	-	700	854	0	854
c)Ore	-	891	891	-	2690	2690	0	2873	2873
d)Others	1004	5	1009	1068	-	1068	1026	0	1026
3.GAPL	71255	18451	89706	79131	20487	99618	78172	21596	99768
a)Edible Oil	589	-	589	996	-	996	1250	-	1250
b)Food grains	-	814	814	70	105	175	240	43	283
c)Iron & steel	689	553	1242	72	0	72	1392	313	1705
d)POL&Other Products	18583	473	19056	16514	0	16514	19948	64	20012
e)Fertiliser&FRM	2969	40	3009	3719	0	3719	4347	0	4347
f)Coal	33692	33	33725	38800	0	38800	30511	64	30575
g)Others	14733	16538	31271	18960	20382	39342	20484	21112	41596
4.Navalakhi	4312	672	4984	6622	637	7259	6185	449	6634
a)Coal	4312	-	4312	6622	-	6622	6185	-	6185
b)Salt	-	672	672	-	637	637	-	449	449
c)Others	0	0	0	0	0	0	0	0	0
5.Mul-Dwarka	475	5	480	621	281	902	280	46	326
a)Building Material	231	-	231	60	281	341	0	46	46
b)Coal	244	-	244	561	-	561	280	-	280
c)POL&Other Products	-	-	-	-	-	-	-	-	0
d)Others	0	5	5	0	0	0	0	0	0
6. Sikka	82789	42334	125123	72769	42528	115297	74934	41595	116529
a)POL&Other Products	82313	42334	124647	72191	42528	114719	74191	41591	115782
b)Fertiliser & FRM	438	-	438	395	-	395	527	-	527
c)Building Material	-	-	-	-	-	-	0	-	0
d)Coal	12	-	12	27	-	27	159	-	159
e)Edible oil	-	-	-	-	-	-	-	-	-
f)Others	26	0	26	156	0	156	57	4	61
7. Magdalla	6875	2005	8880	9027	1724	10751	9064	1502	10566
a)POL&Other Products	318	1039	1357	275	753	1028	289	666	955
b)Iron Ore	52	-	52	705	-	705	1709	-	1709
c)Iron & Steel	23	531	554	202	629	831	128	468	596
d)Coal	4980	100	5080	6427	139	6566	6641	36	6677
e)Others	1502	335	1837	1418	203	1621	297	332	629
8. Jafarabad	-	1145	1145	320	766	1086	498	777	1275
a)Coal	-	199	199	320	-	320	498	-	498
b)Building Material	-	946	946	-	766	766	-	777	777
c)Others	0	0	0	0	0	0	0	0	0
9. Dahej	20283	358	20641	26006	220	26226	22983	498	23481
a)POL&Other Products	9862	325	10187	10705	93	10798	12562	498	13060
b)Chemicals	374	-	374	118	47	165	0	0	0
c)Fertiliser&FRM	638	-	638	691	-	691	2009	-	2009
d)Coal	7958	-	7958	12676	-	12676	8412	-	8412
e)Other ores	1182	31	1213	1430	40	1470	0	0	0
f)Others	269	2	271	386	40	426	0	0	0

**Table 2.2.3
(Contd...)**

**Commodity-wise Overseas Cargo Traffic Handled At Select
Non-Major Ports - 2013-14, 2014-15 & 2015-16**

(’000 Tonnes)

Port/Commodity	2013-14			2014-15			2015-16		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
10. GPPL	6131	2912	9043	7733	3281	11014	6242	2882	9124
a) Building Material	-	-	-	-	-	-	-	-	-
b) Coal	1591	-	1591	1981	-	1981	787	-	787
c) Iron&Steel	-	-	-	-	-	-	-	-	-
d) Fertiliser&FRM	712	-	712	1438	-	1438	1233	-	1233
e) Others	3828	2912	6740	4314	3281	7595	4222	2882	7104
MAHARASHTRA									
1. Revdanda	605	53	658	592	52	644	1309	0	1309
a) Iron Ore	82	53	135	165	52	217	0	0	0
b) Coal	523	-	523	427	-	427	1293	-	1293
c) Others	0	0	0	0	0	0	16	0	16
2. Ratnagiri	422	-	422	526	-	526	439	-	439
a) Chemicals	151	-	151	210	-	210	154	-	154
b) Coal	166	-	166	218	-	218	176	-	176
c) Others	105	0	105	98	0	98	109	0	109
3) Dharamtar	5244	38	5282	5898	74	5972	6723	47	6770
a) Iron ore	82	-	82	1588	-	1588	1463	-	1463
b) Coal	3744	-	3744	3060	-	3060	4443	-	4443
c) Iron&Steel	421	-	421	203	-	203	46	-	46
d) Fertiliser&FRM	84	-	84	66	-	66	0	-	0
e) Others	913	38	951	981	74	1055	771	47	818
4) Dahanu	-	-	-	-	-	-	-	-	-
a) Coal	-	-	-	-	-	-	-	-	-
5) Dabhol	1126	-	1126	1193	55	1248	3215	0	3215
a) POL&Other Products	1123	-	1123	1193	55	1248	3215	0	3215
b) Others	3	-	3	-	-	-	-	-	-
KARNATAKA									
1. Karwar	223	116	339	252	188	440	285	268	553
a) Fertilizer &FRM	75	-	75	47	-	47	57	-	57
b) Other minerals	-	4	4	-	-	-	-	-	-
c) Iron ore	-	-	-	-	-	-	-	-	-
d) POL&Other Products	38	-	38	-	-	-	-	-	-
e) Others	110	112	222	205	188	393	228	268	496
2. Belkeri	-	-	-	-	-	-	-	-	-
a) Iron ore	-	-	-	-	-	-	-	-	-
b) Others	-	-	-	-	-	-	-	-	-
KERALA									
1. Kozikode/Beypore	-	-	-	-	-	-	-	2	2
a) Others	-	-	-	-	-	-	-	2	2
2. Kovalam-Vizhinjam	-	-	-	-	7	7	-	8	8
a) Others	-	-	-	-	7	7	-	8	8
TAMILNADU									
1. Ennore	41	-	41	58	-	58	30	-	30
a) Fertiliser&FRM	41	-	41	58	-	58	30	-	30
b) Others	-	-	-	-	-	-	-	-	-
2. Nagapattinam	-	-	-	-	4	4	30	0	30
a) Edible Oil	-	-	-	-	-	-	30	-	30
b) Others	-	-	-	-	4	4	0	0	0

Table 2.2.3

**Commodity-wise Overseas Cargo Traffic Handled At Select
Non-Major Ports - 2013-14, 2014-15 & 2015-16**

('000 Tonnes)

Port/Commodity	2013-14			2014-15			2015-16		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
3. Cuddalore	264	-	264	234	-	234	258	-	258
a)POL&Other Products	239	-	239	-	-	-	258	-	258
b)Fertiliser&FRM	-	-	-	234	-	234	0	-	0
c)Others	25	0	25	0	0	0	0	0	0
GOA									
Panaji	284	-	284	412	347	759	170	260	430
a) Iron ore	-	-	-	-	347	347	-	260	260
b) Coal	284	-	284	412	-	412	170	-	170
ANDHRA PRADESH									
1. Kakinada Anchorage Poi	-	2715	2715	-	2659	2659	-	2018	2018
a)Foodgrain	-	2715	2715	-	2659	2659	-	2018	2018
b)Fertiliser &FRM	-	-	-	-	-	-	-	-	-
c) Coal	-	-	-	-	-	-	-	-	-
d)Others	-	-	-	-	-	-	-	-	-
2. Kakinada Deep Water Po	6911	3661	10572	13479	1781	15260	8887	3319	12206
a)Fertiliser &FRM	2986	-	2986	3508	-	3508	3589	-	3589
b)Edible Oil	651	3	654	818	-	818	813	6	819
c)POL&Other Products	-	-	-	-	-	-	1	9	10
d)Iron ore	-	115	115	-	15	15	-	0	0
e)Coal	2041	-	2041	5251	-	5251	2483	-	2483
e)Others	1233	3543	4776	3902	1766	5668	2001	3304	5305
3. Krishnapatinam	20745	2534	23279	33347	2610	35957	26812	2393	29205
a)Fertiliser &FRM	1402	-	1402	1208	-	1208	817	-	817
b) Iron ore	-	-	-	8530	-	8530	1201	-	1201
c) Coal	17834	-	17834	21454	0	21454	20576	0	20576
d)Building Material	-	1031	1031	-	1144	1144	-	1102	1102
e)Others	1509	1503	3012	2155	1466	3621	4218	1291	5509
4. Gangavaram	14110	1180	15290	19760	453	20213	19075	0	19075
a)Fertiliser &FRM	990	-	990	600	-	600	1500	-	1500
b) Iron ore	-	940	940	480	33	513	0	0	0
c) Coal	11710	-	11710	15710	-	15710	14955	-	14955
d)Others	1410	240	1650	2970	420	3390	2620	0	2620
PUDUCHERRY									
Karaikal	5938	306	6244	4499	89	4588	5569	138	5707
a)Building Material	18	159	177	112	16	128	278	34	312
b)Coal	4453	-	4453	3344	-	3344	4658	-	4658
c)Fertiliser &FRM	349	-	349	551	-	551	421	-	421
d)POL&Other Products	333	-	333	0	-	0	0	-	0
e) Iron ore	588	-	588	336	-	336	69	-	69
f)Salt	-	-	-	-	-	-	-	-	-
g)Others	197	147	344	156	73	229	143	104	247
ODISHA									
Gopalpur	-	69	69	-	-	-	-	181	181
a)Fertiliser &FRM	-	-	-	-	-	-	-	-	-
b) Iron ore	-	-	-	-	-	-	-	-	-
c) Coal	-	-	-	-	-	-	-	-	-
d)Others	-	69	69	-	-	-	-	181	181
Dhamra	10225	855	11080	14051	99	14150	13891	395	14286
a) Iron ore	-	855	855	26	99	125	103	0	103
b) Coal	9561	-	9561	13111	-	13111	12557	-	12557
c)Others	664	0	664	914	0	914	1231	395	1626

Source : State / UT Maritime Boards

Table 2.2.4

**Commodity-wise Coastal Cargo Traffic Handled At Select
Non-Major Ports - 2013-14, 2014-15 & 2015-16**

('000 Tonnes)

Port/Commodity	2013-14			2014-15			2015-16		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
GUJARAT									
1.Bedi	-	33	33	-	3	3	-	0	0
a)Coal	-	33	33	-	3	3	-	0	0
b)Building Material	-	-	-	-	-	-	-	-	-
c)Others	-	-	-	-	-	-	-	-	-
2.Okha	-	17	17	-	11	11	16	273	289
a) Other Ores	-	11	11	-	9	9	0	12	12
b)Coal	-	6	6	-	1	1	-	0	0
c) Others	-	-	-	-	1	1	16	261	277
3.GAPL	6075	438	6513	5787	451	6238	3130	576	3706
a)POL&Other Products	3257	313	3570	3463	265	3728	2790	239	3029
b)Coal	2815	22	2837	1906	0	1906	280	0	280
c) Iron Ore	-	-	-	285	-	285	30	0	30
d)Others	3	103	106	133	186	319	30	337	367
4.Navlakhi	-	-	-	22	-	22	131	-	131
a)Building Material	-	-	-	22	-	22	62	-	62
b)Others	-	-	-	-	-	-	69	0	69
5.Mul-Dwarka	-	2630	2630	-	2361	2361	-	2829	2829
a)Building Material	-	2630	2630	-	2352	2352	-	2825	2825
b)Others	-	-	-	-	9	9	-	4	4
6.Sikka	71	32	103	648	8437	9085	581	10417	10998
a) POL&Other Products	38	32	70	623	8392	9015	546	10355	10901
b) Edible oil	-	-	-	-	-	-	-	-	-
c) Salt	-	-	-	-	45	45	-	62	62
d) Others	33	-	33	25	0	25	35	0	35
7.Magdalla	9997	665	10662	9340	381	9721	10265	830	11095
a) POL&Other Products	3244	19	3263	3303	1	3304	3417	29	3446
b)Building Material	1552	-	1552	1574	-	1574	1593	25	1618
c) Iron Ore	5117	-	5117	4350	-	4350	5255	-	5255
d) Iron & Steel	2	528	530	21	274	295	0	644	644
e) Others	82	118	200	92	106	198	0	132	132
8.Jafarabad	-	2286	2286	-	2667	2667	-	2419	2419
a)Building Material	-	2286	2286	-	2667	2667	-	2419	2419
9.Dahej	659	317	976	629	232	861	1300	133	1433
a) POL&Other Products	360	-	360	357	-	357	1299	67	1366
b)Chemicals	-	317	317	-	232	232	-	0	0
c)Others	299	-	299	272	-	272	1	66	67
10.GPPL	30	1	31	10	60	70	0	0	0
a)Building Material	-	-	-	-	-	-	-	-	-
b) Iron & Steel	-	-	-	-	-	-	-	-	-
c)Iron Ore	-	-	-	-	-	-	-	-	-
d)Others	30	1	31	10	60	70	0	0	0
GOA									
1. Panaji	-	-	-	1	-	1	0	-	0
a) Iron ore	-	-	-	-	-	-	-	-	-
b) Others	-	-	-	1	-	1	0	-	0

**Table 2.2.4
(Contd...)**

**Commodity-wise Coastal Cargo Traffic Handled At Select
Non-Major Ports - 2013-14, 2014-15 & 2015-16**

(’000 Tonnes)

Port/Commodity	2013-14			2014-15			2015-16		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
MAHARASHTRA									
1.Ratnagiri	248	-	248	274	-	274	272	-	272
a)Building Material	248	-	248	274	-	274	272	-	272
b) Others	-	-	-	-	-	-	-	-	-
2.Dharamtar	4895	1	4896	4136	59	4195	3100	17	3117
a) Iron Ore	4498	-	4498	3150	5	3155	2111	2	2113
b)Building Material	192	-	192	223	-	223	11	-	11
c)Coal	10	-	10	440	22	462	388	0	388
d) Others	195	1	196	323	32	355	590	15	605
3. Revdanda	396	-	396	467	33	500	2	33	35
a) Iron Ore	396	-	396	312	33	345	2	33	35
b) Iron & Steel	-	-	-	-	-	-	-	-	-
c) Others	-	-	-	155	0	155	0	0	0
4. Ulwa-Belapur	1556	3	1559	1622	1	1623	1607	12	1619
a)Building Material	1556	3	1559	1622	1	1623	1607	0	1607
b) Others	-	-	-	-	-	-	-	12	12
5.Dabhol	-	-	-	-	-	-	-	-	-
a) Iron & Steel	-	-	-	-	-	-	-	-	-
b) Others	-	-	-	-	-	-	-	-	-
6.Dahanu	752	-	752	524	-	524	467	-	467
a)Coal	752	-	752	524	-	524	467	-	467
ODISHA									
1. Dhamra	-	3222	3222	-	1302	1302	-	419	419
a) Coal	-	587	587	-	298	298	-	210	210
b) Iron Ore	-	2635	2635	-	1004	1004	-	209	209
KERALA									
1.Kozikoda/ Beypore	12	62	74	34	93	127	19	105	124
a)Building material	-	15	15	-	-	-	-	-	-
b)Foodgrains	-	4	4	-	-	-	-	-	-
c)Others	12	43	55	34	93	127	19	105	124
2)Neendakara	-	-	-	-	-	-	-	-	-
3)Kovlam-Vizianjam	-	9	9	-	0	0	-	0	0
a)Others	-	9	9	-	0	0	-	0	0
ANDHRA PRADESH									
1.Rawa Port	-	1543	1543	-	1276	1276	-	1299	1299
a)Crude Oil	-	1543	1543	-	1276	1276	-	1299	1299
2.Kakinada Anchorage Port	-	29	29	-	37	37	-	55	55
a)Salt	-	-	-	-	-	-	-	-	-
b)Building material	-	29	29	-	37	37	-	55	55
c)Others	-	-	-	-	-	-	-	-	-
3.Kakinada Deep Water	2784	43	2827	2587	115	2702	2742	19	2761
a)POL&other Products	164	-	164	25	-	25	118	-	118
b)Chemical	-	-	-	64	-	64	0	-	0
c)Coal	2455	-	2455	2452	-	2452	2564	-	2564
d)Iron Ore	-	-	-	-	-	-	-	-	-
e)Other	165	43	208	46	115	161	60	19	79
4.Gangavaram	100	420	520	0	530	530	0	270	270
a)Iron Ore	-	420	420	-	480	480	-	270	270
b)Other	100	-	100	0	50	50	0	0	0

**Table 2.2.4
(Contd...)**

**Commodity-wise Coastal Cargo Traffic Handled At Select
Non-Major Ports - 2013-14, 2014-15 & 2015-16**

(*000 Tonnes)

Port/Commodity	2013-14			2014-15			2015-16		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
5.Krishnapatinam	1917	0	1917	3784	1000	4784	5663	181	5844
a)POL&other Products	-	-	-	164	-	164	0	-	0
b)Chemical	-	-	-	-	-	-	-	-	-
c)Coal	1917	-	1917	2455	-	2455	5596	28	5624
d)Iron Ore	-	-	-	-	-	-	-	150	150
e)Other	-	-	-	1165	1000	2165	67	3	70
TAMIL NADU									
1.py-03	-	-	-	-	-	-	-	-	-
a)POL&other Products	-	-	-	-	-	-	-	-	-
2.Nagapattinam	-	307	307	-	218	218	3	266	269
a)POL&other Products	-	306	306	-	215	215	-	263	263
b)Others	-	1	1	-	3	3	3	3	6
3.Thirukkadaiyur	243	-	243	197	2	199	25	0	25
a)POL&other Products	243	-	243	197	2	199	25	0	25
b)Others	-	-	-	-	-	-	-	-	-
KARNATAKA									
1.Karwar	38	-	38	85	-	85	161	-	161
a)Salt	-	-	-	40	-	40	0	-	0
b)Others	38	-	38	45	-	45	161	-	161
2.Mangalore	63	-	63	10	113	123	10	109	119
a)Other Minerals	-	-	-	-	-	-	-	-	-
b)Building Material	-	-	-	-	85	85	-	81	81
c)Others	63	-	63	10	28	38	10	28	38
PUDUCHERRY									
1)Karaikal	-	37	37	322	48	370	267	0	267
a)POL&Other Products	-	-	-	322	-	322	267	-	267
a)Others	-	37	37	-	48	48	-	0	0
ANDAMAN & NICOBAR									
a)Building Material	219	123	342	219	123	342	342	137	479
b)POL&Other Products	163	12	175	163	12	175	185	6	191
c)Foodgrains	38	5	43	38	5	43	31	4	35
d)Others	377	161	538	377	161	538	441	132	573
Lakshadweep									
a)Building Material	67	-	67	67	-	67	-	-	-
b)POL&Other Products	21	-	21	21	-	21	-	-	-
c)Foodgrains	14	3	17	14	3	17	-	-	-
d)Others	13	1	14	13	1	14	-	-	-

Source : State / UT Maritime Boards

Table 2.2.5**Manpower Employment At Non-Major Ports - 2015-16**

(In No.)

States/UTs	Officers		Regular Workers		Casual Workers
	Sanctioned	Actual	Sanctioned	Actual	
1	2	3	4	5	6
Gujarat	281	132	2059	1333	0
Maharashtra	63	50	80	61	0
Goa	13	8	173	142	0
Diu	1	1	12	9	2
Karnataka*	33	10	203	50	5
Kerala	149	107	568	568	2
Tamil Nadu	16	9	122	28	7
Puducherry	94	92	129	86	6
Andhra Pradesh**	640	640	149	149	5717
Andaman & Nicobar Islands	77	57	806	581	19
Odisha	70	59	298	296	4776
Lakshadweep	N.A	N.A	N.A	N.A	0
Total	1437	1165	4599	3303	10534

* In Karnataka , No Departmental dock labour in Minor Ports.

All the labour activities are done by Private laboures appointed by Stevedores.

** Since Kakinada Anchorage Port is function under State Government.

Andhra Pradesh & Odisha data are 2014-15

Source : State / UT Maritime Boards

Table 2.2.6

Physical Performance of Non-Major Ports (2014-15 & 2015-16)

Maritime State/U.Ts./Port	No. of Vessels Left		Turn Round Time (in Days)	
	2014-15	2015-16	2014-15	2015-16
1	2	3	4	5
GUJARAT	8788	8788	N.A	N.A
MAHARASHTRA				
Bandra Group	24	24	-	-
Mora Group	996	996	-	-
Rajpuri Group	52	52	-	-
Ratnagiri Group	407	407	-	-
Vengurla Group	33	33	-	-
KARNATAKA				
Karwar	95	119	2.0	3.0
Malpe	20	14	1-2	1-2
Hangakatta	21	16	1-2	1-2
Mangalore	766	716	2.0	3-4
TAMIL NADU				
Nagapattinam	103	91	Neg	Neg
Tirukkadaiyur	36	4	1.0	1.0
Cuddalore	5	-	6.6	-
Cuddalore (Chemplast Jetty)	31	33	2.2	1.5
Ennore	10	6	2.0	2.0
Kattupalli	102	205	1-3	1-3
GOA				
Panaji	108	26	2.0	1.0
ANDHRA PRADESH				
Kakinada(Sea Port)	791	708	2.2	2.2
Kakinada(Anchorage)	146	146	15-20	15-20
Rawa	28	28	1-2	1-2
Krishnapatinam	961	961	4.5	4.5
Gangavaram	275	275	3-5	3-5
KERALA				
Kozhikode/Beypore	473	444	5.0	5.0
Koavalam/Vizhinjam	45	46	1.0	1.0
Kollam	31	21	-	-
Azhikkal	9	1	2.0	2.0
ODISHA				
Dhamra	191	191	9.2	9.2
Gopalpur	-	-	-	-
PUDUCHERRY				
Karaikal	149	177	4.3	3.4
Chemplast	15	3	1-2	3.0
ANDAMAN & NICOBAR	7005	9151	2-3	N.A
LAKSHADWEEP				
Androth	748	748	12.1	12.1
Kalpani	391	391	1-2	1-2
Chetlat	201	201	N.A	N.A

Source : State / UT Maritime Boards

SECTION – II

3. TIME SERIES STATISTICS

3.1 ALL PORTS

3.2 MAJOR PORTS

3.3 NON-MAJOR PORTS

Table 3.1.1

Trend in Cargo Traffic Handled At Indian Ports

(In Million Tonnes)

Ports/ Years	Overseas			Coastal			Overseas & Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
MAJOR PORTS									
2000-01	127.20	66.20	193.40	51.55	36.18	87.73	178.75	102.38	281.13
2001-02	130.12	76.77	206.89	47.03	33.66	80.69	177.15	110.43	287.58
2002-03	133.83	93.52	227.35	48.21	37.99	86.20	182.04	131.51	313.55
2003-04	148.13	110.66	258.79	48.53	37.48	86.01	196.66	148.14	344.80
2004-05	169.42	126.20	295.62	47.02	41.12	88.14	216.44	167.32	383.76
2005-06	199.48	133.64	333.12	44.22	46.23	90.45	243.70	179.87	423.57
2006-07	225.55	143.26	368.81	52.57	42.40	94.97	278.12	185.66	463.78
2007-08	253.16	165.76	418.92	57.50	42.89	100.39	310.66	208.65	519.31
2008-09	260.97	166.49	427.46	57.70	45.65	103.34	318.67	212.14	530.80
2009-10	286.50	167.52	454.02	58.93	48.14	107.07	345.43	215.66	561.08
2010-11	296.31	168.86	465.17	55.64	49.29	104.93	351.95	218.15	570.10
2011-12	306.76	147.56	454.32	55.98	49.89	105.87	362.74	197.45	560.19
2012-13	315.20	123.63	438.83	53.90	53.10	107.01	369.10	176.73	545.83
2013-14	318.66	122.18	440.83	59.77	54.89	114.66	378.43	177.06	555.49
2014-15	355.63	106.24	461.87	65.67	53.81	119.48	421.29	160.05	581.34
2015-16	379.70	101.03	480.72	66.84	58.33	125.17	446.54	159.35	605.89
NON-MAJOR PORTS									
2000-01	43.73	17.59	61.32	10.86	15.19	26.05	54.59	32.78	87.37
2001-02	49.18	19.76	68.94	10.45	16.13	26.58	59.63	35.89	95.52
2002-03	50.85	27.16	78.01	14.06	16.23	30.29	64.91	43.39	108.30
2003-04	56.38	31.15	87.53	14.18	17.15	31.33	70.56	48.30	118.86
2004-05	65.47	39.50	104.97	15.52	16.47	31.99	80.99	55.97	136.96
2005-06	69.58	48.69	118.27	16.47	15.38	31.85	86.05	64.07	150.12
2006-07	90.76	49.34	140.11	17.50	27.32	44.82	108.26	76.66	184.92
2007-08	107.04	70.27	177.31	16.87	12.20	29.07	123.91	82.47	206.38
2008-09	117.76	65.78	183.54	18.51	11.17	29.68	136.27	76.95	213.22
2009-10	159.89	83.62	243.51	24.71	20.72	45.43	184.60	104.34	288.94
2010-11	175.63	91.49	267.12	27.75	20.49	48.24	203.38	111.98	315.36
2011-12	210.17	90.38	300.55	28.68	24.51	53.19	238.85	114.89	353.74
2012-13	249.38	83.55	332.93	31.73	23.26	54.99	281.12	106.81	387.92
2013-14	280.00	90.27	370.27	33.89	12.81	46.70	313.88	103.09	416.97
2014-15	325.10	92.60	417.70	31.63	21.56	53.19	356.73	114.16	470.89
2015-16	317.31	94.53	411.84	31.25	22.79	54.04	348.55	117.32	465.87
ALL PORTS									
2000-01	170.93	83.79	254.72	62.41	51.37	113.78	233.34	135.16	368.50
2001-02	179.30	96.53	275.83	57.48	49.79	107.27	236.78	146.32	383.10
2002-03	184.68	120.68	305.36	62.27	54.22	116.49	246.95	174.90	421.85
2003-04	204.51	141.81	346.32	62.71	54.63	117.34	267.22	196.44	463.66
2004-05	234.89	165.70	400.59	62.54	57.59	120.13	297.43	223.29	520.72
2005-06	269.06	182.33	451.39	60.69	61.61	122.30	329.75	243.94	573.69
2006-07	316.31	192.60	508.91	70.07	69.72	139.79	386.38	262.32	648.70
2007-08	360.20	236.03	596.23	74.37	55.09	129.46	434.57	291.12	725.69
2008-09	378.73	232.27	611.00	76.21	56.82	133.02	454.94	289.09	744.02
2009-10	446.39	251.14	697.53	83.64	68.86	152.50	530.03	320.00	850.02
2010-11	471.94	260.35	732.29	83.39	69.78	153.17	555.33	330.13	885.46
2011-12	516.93	237.94	754.87	84.66	74.40	159.06	601.59	312.34	913.93
2012-13	564.58	207.17	771.76	85.63	76.36	162.00	650.22	283.54	933.75
2013-14	598.66	212.45	811.11	93.66	67.70	161.35	692.31	280.15	972.46
2014-15	680.73	198.84	879.56	97.29	75.38	172.67	778.02	274.21	1052.23
2015-16	697.00	195.56	892.56	98.09	81.12	179.20	795.09	276.67	1071.76

Table 3.1.2 Cargo Traffic Handled At Indian Ports - By State

(In '000 Tonnes)

Port/State/Type of Traffic	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
1	2	3	4	5	6	7	8	9	10	11	12	13	14
GUJARAT	128855	137692	149434	184247	215441	225035	285083	312787	341551	381436	396950	428592	439236
Kandla	41523	41551	45907	52982	64920	72224	79500	81880	82501	93619	87005	92497	99458
Other Ports	87332	96141	103527	131265	150521	152811	205583	230907	259050	287817	309945	336095	339778
Overseas	103247	111691	123660	146295	192185	199107	242187	269049	293675	332241	360005	388120	397416
Coastal	25608	26001	25774	37952	23256	25928	42896	43738	47876	49195	36945	40472	41820
Loaded	43694	46379	47821	56420	64601	60201	78063	98045	105648	114966	106602	119328	121522
Unloaded	85161	91313	101613	127827	150840	164834	207020	214742	235903	266470	290348	309264	317714
MAHARASHTRA	71517	80138	93182	108759	124239	119588	127350	133778	141863	146724	146181	152756	153995
Mumbai	29995	35187	44190	52364	57038	51876	54541	54586	56186	58038	59184	61660	61119
J.L.Nehru	31190	32808	37836	44815	55838	57296	60763	64317	65730	64488	62333	63801	64027
Other Ports	10332	12143	11156	11580	11363	10416	12046	14875	19947	24198	24664	27295	28849
Overseas	54689	60476	70003	83450	95041	90191	97925	105071	115242	119426	115954	116691	123351
Coastal	16828	19662	23179	25309	29198	29397	29425	28707	26621	27298	30227	36065	30644
Loaded	28370	29911	37379	36029	40739	40801	37079	41536	44571	44819	42718	42112	40086
Unloaded	43147	50227	55803	72730	83509	78787	90271	92242	97292	101905	103463	110644	113909
GOA	36310	38860	43450	48547	47953	53582	62744	64641	53519	21127	12023	15471	21206
Mormugao	27874	30659	31688	34241	35128	41681	48847	50060	39049	17738	11739	14711	20776
Other Ports	8436	8201	11762	14306	12825	11901	13897	14581	14470	3389	284	760	430
Overseas	34969	37711	42452	47685	46832	52550	61196	63404	52384	20373	11298	14250	20105
Coastal	1341	1149	998	862	1121	1032	1548	1237	1135	754	725	1221	1101
Loaded	31424	32978	37043	41218	40679	46570	54634	55328	44222	11944	2334	3677	5667
Unloaded	4886	5882	6407	7329	7274	7012	8110	9313	9297	9183	9689	11794	15539
DAMAN & DIU	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Ports	-	-	-	-	-	-	-	-	-	-	-	-	-
Overseas	-	-	-	-	-	-	-	-	-	-	-	-	-
Coastal	-	-	-	-	-	-	-	-	-	-	-	-	-
Loaded	-	-	-	-	-	-	-	-	-	-	-	-	-
Unloaded	-	-	-	-	-	-	-	-	-	-	-	-	-

**Table 3.1.2
(Contd...)**

Cargo Traffic Handled At Indian Ports - By State

(In '000 Tonnes)

Port/State/Type of Traffic	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
1	2	3	4	5	6	7	8	9	10	11	12	13	14
KARNATAKA	27841	37397	38568	38603	44918	41659	44075	34645	33533	37646	39874	37217	36417
New Mangalore	26673	33891	34451	32042	36019	36691	35528	31550	32941	37036	39365	36566	35582
Other Ports	1168	3506	4117	6561	8899	4968	8547	3095	592	610	509	651	835
Overseas	22387	28823	30673	30640	38627	35482	36790	27684	27462	31261	33849	32108	30988
Coastal	5454	8574	7895	7963	6291	6177	7285	6991	6071	6385	6025	5109	5429
Loaded	14446	21440	21700	20326	25095	21613	22215	13094	9682	10028	10230	8543	7979
Unloaded	13395	15957	16868	18277	19823	20046	21860	21251	23851	27618	29644	28674	28438
KERALA	13630	14184	14023	15429	15914	15625	17548	17997	20194	19941	20976	21754	22239
Cochin	13572	14103	13888	15257	15810	15494	17429	17873	20090	19845	20886	21595	22095
Other Ports	58	81	135	172	104	131	119	124	104	96	90	159	144
Overseas	9830	10365	9842	10862	10670	11111	11898	13159	13306	13236	13110	14740	14784
Coastal	3800	3819	4181	4567	5244	4514	5650	4838	6888	6705	7866	7014	7455
Loaded	2572	3188	2971	3533	3708	2794	3680	3999	4400	3913	4262	4162	4030
Unloaded	11058	10996	11052	11896	12206	12831	13868	13998	15794	16028	16714	17592	18209
TAMILNADU	60355	69951	74266	82934	91084	91900	96721	99807	99978	100482	107950	116031	119969
V.O.Chidambaranar	13678	15811	17139	18001	21480	22011	23787	25727	28105	28260	28642	32414	36849
Chennai	36710	43806	47248	53414	57154	57491	61057	61460	55707	53404	51105	52541	50058
Kamarajar	9277	9480	9168	10714	11563	11500	10703	11009	14956	17885	27337	30251	32206
Other Ports	690	854	711	805	887	898	1174	1611	1210	933	866	825	856
Overseas	36929	46655	53198	62038	70809	71367	75856	79169	79509	79509	84936	92511	90432
Coastal	23426	23296	21068	20896	20275	20533	20865	20638	20469	20973	23014	23520	29537
Loaded	20080	23639	24602	29156	32759	29896	29349	30014	29039	29534	28968	30087	29894
Unloaded	40275	46312	49664	53778	58325	62004	67372	69793	70939	70948	78982	85944	90075
PONDICHERRY	108	59	96	34	10	47	1316	4728	6421	6909	6281	4958	5974
Other Ports	108	59	96	34	10	47	1316	4728	6421	6909	6281	4958	5974
Overseas	108	59	85	34	10	47	1316	4728	6408	6867	6244	4588	5707
Coastal	-	-	11	-	-	-	-	-	13	42	37	370	267
Loaded	71	26	56	18	-	-	38	101	181	473	343	137	138
Unloaded	37	33	40	16	10	47	1278	4627	6240	6436	5938	4821	5836
ANDHRA PRADESH	57757	65215	73475	74994	83887	93628	109191	111308	113053	110849	117196	141422	129768
Visakhapatnam	47736	50148	55801	56385	64597	63908	65501	68041	67420	59038	58504	58004	57035
Other Ports	10021	15067	17674	18609	19290	29720	43690	43267	45633	51811	58692	83418	72733
Overseas	38300	48133	54394	53676	60938	69929	85364	85177	84675	87211	93254	117496	104829
Coastal	19457	17082	19081	21318	22949	23699	23827	26131	28378	23638	23942	23926	24939
Loaded	25921	30818	34006	33486	38779	42381	49727	45180	40790	34972	36946	29705	27003
Unloaded	31836	34397	39469	41508	45108	51247	59464	66128	72263	75877	80250	111717	102765

Table 3.1.2
(Contd...)

Cargo Traffic Handled At Indian Ports - By State

(In '000 Tonnes)

Port/State/Type of Traffic	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
1	2	3	4	5	6	7	8	9	10	11	12	13	14
ORISSA	25311	30104	33109	38517	42732	46707	57476	56503	59338	67620	82374	86463	91346
Paradip	25311	30104	33109	38517	42437	46412	57011	56038	54254	56552	68003	71011	76397
Other Ports	-	-	-	-	295	295	465	465	5084	11068	14371	15452	14949
Overseas	13150	18580	23051	26777	30191	33958	45180	45118	46361	47967	57004	60231	61920
Coastal	12161	11524	10058	11740	12541	12749	12296	11385	12977	19653	25370	26232	29426
Loaded	18606	21666	21685	24855	25672	26615	28127	25107	18281	19771	31477	47666	29156
Unloaded	6705	8438	11424	13662	17060	20092	29349	31396	41057	47849	50897	38797	62190
WEST BENGAL	41260	46207	53143	55050	57329	54220	46423	47545	43248	39928	41386	46293	50289
KDS	8693	9945	10806	12596	13741	12428	13045	12540	12233	11844	12875	15283	16782
HDC	32567	36262	42337	42454	43588	41792	33378	35005	31015	28084	28511	31010	33507
Other Ports	-	-	-	-	-	-	-	-	-	-	-	-	-
Overseas	32714	38086	44025	47447	50912	47187	39334	39388	35837	33660	35400	38811	42982
Coastal	8546	8121	9118	7603	6417	7033	7089	8157	7411	6268	5986	7482	7307
Loaded	11024	13001	16405	16735	18288	17547	16572	17030	15280	12911	13962	10044	10912
Unloaded	30236	33206	36738	38315	39041	36673	29851	30515	27968	27017	27424	36249	39377
SEA-ISLANDS	720	908	941	1590	2185	2035	2100	1705	1234	1092	1268	1275	1323
Other Ports	720	908	941	1590	2185	2035	2100	1705	1234	1092	1268	1275	1323
Overseas	-	5	4	6	9	76	486	342	10	7	51	17	45
Coastal	720	903	937	1584	2176	1959	1614	1337	1224	1085	1217	1258	1278
Loaded	231	247	275	544	809	675	516	352	195	205	305	269	279
Unloaded	489	661	666	1046	1376	1360	1584	1353	1039	887	963	1006	1044
ALL INDIA	463664	520715	573687	648704	725692	744026	850027	885444	913932	933754	972459	1052232	1071762
Major Ports	344799	383755	423568	463782	519313	530804	561090	570086	560187	545831	555489	581344	605891
Other Ports	118865	136960	150119	184922	206379	213222	288937	315358	353745	387923	416970	470888	465871
Overseas	346323	400584	451387	508910	596224	611005	697532	732289	754869	771758	811105	879563	892559
Coastal	117341	120131	122300	139794	129468	133021	152495	153159	159063	161996	161354	172669	179203
Loaded	196439	223293	243943	262320	291129	289093	320000	329786	312289	283536	278147	295730	276666
Unloaded	267225	297422	329744	386384	434572	454933	530027	555358	601643	650218	694312	756502	795096

Note: 1 'Other Ports' means Non-Major Ports.

2 Sea Islands comprises of Lakshadweep and A&N Islands.

Table 3.1.3

Cargo Unloaded (Overseas & Coastal) At Indian Ports - By State

('000 Tonnes)

Port/State/Type of Traffic	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
1	2	3	4	5	6	7	8	9	10	11	12	13	14
GUJARAT													
Kandla	31214	32006	35731	41246	48404	54200	61893	61241	60412	63402	61298	69737	78872
Other Ports	53947	59307	65882	86581	102436	110634	145127	153502	175491	203068	227050	239527	238842
Total	85161	91313	101613	127827	150840	164834	207020	214743	235903	266470	288348	309264	317714
Overseas	73215	78664	87723	114032	137352	150376	187390	193891	214117	244380	265200	288934	298482
Coastal	11946	12649	13890	13795	13488	14458	19630	20852	21786	22090	23148	20330	19232
MAHARASHTRA													
Mumbai	19052	23061	26867	39067	44540	42915	46826	46527	47776	47824	50331	53141	54076
J. L. Nehru	14794	16633	19516	23270	29434	28166	32382	33414	33218	33692	31233	34553	35359
Other Ports	9301	10533	9420	10393	9526	7706	11063	12269	16298	20389	21899	22950	24474
Total	43147	50227	55803	72730	83500	78787	90271	92210	97292	101905	103463	110644	113909
Overseas	35481	39558	47210	55846	62069	56983	68231	70526	77379	82376	78836	83045	91276
Coastal	7666	10669	8593	16884	21439	21804	22040	21684	19913	19529	24627	27599	22633
GOA													
Mormugao	4468	5631	6074	7050	7185	7012	7892	9200	9132	9070	9405	11381	15369
Other Ports	418	251	333	279	89	0	218	113	165	113	284	413	170
Total	4886	5882	6407	7329	7274	7012	8110	9313	9297	9183	9689	11794	15539
Overseas	3659	5035	5852	6705	6636	6395	7088	8389	8477	8560	9166	11110	14806
Coastal	1227	847	555	624	638	617	1022	924	820	623	523	684	733
KARNATAKA													
New Mangalore	13047	15512	16519	17922	19625	19964	21569	21066	23684	27322	29254	28326	27981
Other Ports	348	445	349	355	198	82	291	185	167	296	390	348	457
Total	13395	15957	16868	18277	19823	20046	21860	21251	23851	27618	29644	28674	28438
Overseas	10657	11641	12758	13528	16759	16815	18096	17601	20358	23517	26021	25860	25662
Coastal	2738	4316	4110	4749	3064	3231	3764	3650	3493	4101	3623	2814	2776
KERALA													
Cochin	11018	10950	10968	11785	12189	12783	13834	13960	15775	16012	16696	17536	18182
Other Ports	40	46	84	111	17	48	34	38	17	16	18	56	28
Total	11058	10996	11052	11896	12206	12831	13868	13998	15792	16028	16714	17592	18210
Overseas	8174	8331	8044	8959	8529	9343	9570	10227	10563	10799	10611	12322	12147
Coastal	2884	2665	3008	2937	3677	3488	4298	3771	5229	5229	6103	5270	6063
TAMIL NADU													
V.O.Chidambarana	10184	12060	13375	13502	15472	16370	18652	18394	19561	19854	20978	23993	27367
Chennai	20302	24745	27203	30759	32859	34645	38114	40325	36815	34374	32533	33688	32537
Kamarajar	9277	8960	8631	8990	9373	10389	9767	9957	13712	16146	24922	27664	29602
Other Port	512	547	455	527	621	600	839	1117	851	574	549	599	569
Total	40275	46312	49664	53778	58325	62004	67372	69793	70939	70948	78982	85944	90075
Overseas	18170	25179	30941	34659	39721	43203	48276	51041	52035	51749	57761	63866	62830
Coastal	22105	21133	18723	19119	18604	18801	19096	17635	18904	19199	21221	22078	27245

**Table 3.1.3
(Contd...)**

Cargo Unloaded (Overseas & Coastal) At Indian Ports - By State

('000 Tonnes)

Port/State/Type of Traffic	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
1	2	3	4	5	6	7	8	9	10	11	12	13	14
PONDICHERRY													
Other Ports	37	33	40	16	10	47	1278	4627	6240	6436	5938	4821	5836
Total	37	33	40	16	10	47	1278	4627	6240	6436	5938	4821	5836
Overseas	37	33	40	16	10	47	1278	4627	6240	6436	5938	4499	5569
Coastal	-	-	-	-	-	-	-	-	-	-	-	89	267
ANDHRA PRADESH													
Visakhapatnam	26367	25232	30651	32555	35675	35660	35477	36128	38691	35274	33683	38760	39586
Other Ports	5469	9165	8818	8953	9433	15587	23987	30000	33572	40603	46567	72957	63179
Total	31836	34397	39469	41508	45108	51247	59464	66128	72263	75877	80250	111717	102765
Overseas	23641	29206	33185	35140	38045	43889	52727	59427	64484	66651	71265	100759	90310
Coastal	8195	5191	6284	6368	7063	7358	6737	6701	7779	9226	8985	10958	12455
ORISSA													
Paradip	6705	8438	11424	13662	16854	19891	29175	31222	35993	39116	40672	46265	48230
Other Ports	-	-	-	-	206	201	174	174	5064	8733	10225	14051	13954
Total	6705	8438	11424	13362	17060	20092	29349	31396	41057	47849	50897	60316	62184
Overseas	5896	7931	10950	12826	15309	18683	27683	29832	38854	45581	48734	58440	60574
Coastal	809	507	474	836	1751	1409	1666	1564	2203	2268	2163	1876	1610
WEST BENGAL													
KDS	7559	8201	8628	9780	10362	8800	8269	7258	7003	6471	6711	26432	10541
HDC	22677	25005	28110	28535	28679	27873	21582	23257	20965	20546	20713	9817	28836
Other Ports	-	-	-	-	-	-	-	-	0	0	0	0	0
Total	30236	33206	36738	38315	39041	36673	29851	30515	27968	27017	27424	36249	39377
Overseas	25580	29298	32346	34594	35761	32920	25577	25734	24409	24528	25073	31875	35293
Coastal	4656	3908	4392	3721	3280	3753	4274	4781	3559	2489	2351	4374	4084
SEA-ISLAND													
Other Ports	489	661	666	1046	1376	1360	1584	1353	986	887	963	1006	1044
Total	489	661	666	1046	1376	1360	1584	1353	986	887	963	1006	1044
Overseas	-	5	4	6	9	76	476	342	10	7	51	17	45
Coastal	489	656	662	1040	1367	1284	1108	1011	976	880	912	989	999
ALL INDIA													
MAJOR PORTS	196664	216434	243697	278123	310651	318668	345432	351949	362737	369103	378429	421293	446538
Other Ports	70561	80988	86047	108261	123912	136265	184595	203378	238851	281115	313883	356728	348553
Total	267225	297422	329744	386384	434563	454933	530027	555327	601588	650218	692312	778021	795091
Overseas	204510	234881	269053	316311	360200	378730	446392	471637	516926	564584	598656	680727	696994
Coastal	62715	62541	60691	70073	74363	76203	83635	83690	84662	85634	93656	97294	98097

Note: 1 'Other Ports' means Non-Major Ports

2 Sea Islands comprises of Lakshadweep & A & N Islands.

Table 3.1.4 Cargo Loaded (Overseas & Coastal) At Indian Ports - By State

('000 Tonnes)													
Port / State	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
1	2	3	4	5	6	7	8	9	10	11	12	13	14
GUJARAT													
Kandla	10309	9545	10176	11736	16516	18024	17607	20639	22089	30217	25707	22760	20586
Other Ports	33385	36834	37645	44684	48085	42177	60456	77405	83559	84749	82895	96568	100936
Total	43694	46379	47821	56420	64601	60201	78063	98044	105648	114966	108602	119328	121522
Overseas	30032	33027	35937	32263	54833	48731	54797	75158	79559	87861	94805	99186	98934
Coastal	13662	13352	11884	24157	9768	11470	23266	22886	26089	27105	13797	20142	22588
MAHARASHTRA													
Mumbai	10943	12126	17323	13297	12489	8961	7715	8059	8410	10214	8853	8519	7043
J. L. Nehru	16396	16175	18320	21545	26404	29130	28381	30903	32512	30796	31100	29248	28668
Other Ports	1031	1610	1736	1187	1837	2710	983	2606	3649	3809	2765	4345	4375
Total	28370	29911	37379	36029	40730	40801	37079	41568	44571	44819	42718	42112	40086
Overseas	19208	20918	22793	27604	32972	33208	29694	34545	37863	37050	37118	33646	32076
Coastal	9162	8993	14586	8425	7759	7593	7385	7023	6708	7769	5600	8466	8010
GOA													
Mormugao	23406	25028	25614	27191	27943	34669	40955	40860	29917	8668	2334	3330	5407
Other Ports	8018	7950	11429	14027	12736	11901	13679	14468	14305	3276	0	347	260
Total	81424	32978	37043	41218	40679	46570	54634	55328	44222	11944	2334	3677	5667
Overseas	31310	32676	36600	40980	40196	46155	54108	55015	43907	11813	2132	3140	5299
Coastal	114	302	443	238	483	415	526	313	315	131	202	537	368
KARNATAKA													
New Mangalore	13626	18379	17932	14120	16394	16727	13959	10484	9257	9714	10111	8240	7601
Other Ports	820	3061	3768	6206	8701	4886	8256	2910	425	314	119	303	378
Total	14446	21440	21700	20326	25095	21613	22215	13394	9682	10028	10230	8543	7979
Overseas	11730	17182	17915	17112	21868	18667	18694	10083	7104	7744	7828	6248	5326
Coastal	2716	4258	3785	3214	3227	2946	3521	3311	2578	2284	2402	2295	2653
KERALA													
Cochin	2554	3153	2920	3472	3621	2711	3595	3913	4315	3833	4190	4059	3913
Other Ports	18	35	51	61	87	83	85	86	87	80	72	103	116
Total	2572	3188	2971	3533	3708	2794	3680	3999	4402	3913	4262	4162	4029
Overseas	1656	2034	1798	1903	2141	1768	2328	2932	2743	2437	2499	2418	2637
Coastal	916	1154	1173	1630	1567	1026	1352	1067	1659	1476	1763	1744	1392
TAMIL NADU													
V.O.Chidambanar	3494	3751	3764	4499	6008	5641	5135	7333	8544	8406	7664	8421	9482
Chennai	16408	19061	20045	22655	24295	22846	22943	21135	18892	19030	18572	18853	17521
Kamarajar	-	520	537	1724	2190	1111	936	1052	1244	1739	2415	2587	2604
Other Ports	178	307	256	278	266	298	335	494	359	359	317	226	287
Total	20080	23639	24602	29156	32759	29896	29349	30014	29039	29534	28968	30087	29894
Overseas	18759	21476	22257	27379	31088	28164	27580	33069	27474	27760	27175	28645	27602
Coastal	1321	2163	2345	1777	1671	1732	1769	2192	1565	1774	1793	1442	2292

Table 3.1.4 Cargo Loaded (Overseas & Coastal) At Indian Ports - By State
(Contd...)

Port / State	('000 Tonnes)													
	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-	2012-13	2013-14	2014-15	2015-16	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
PONDICHERRY														
Other Ports	71	26	56	18	-	-	38	101	181	473	343	137	138	
Total	71	26	56	18	-	-	38	101	181	473	343	137	138	
Overseas	71	26	45	18	-	-	38	101	168	431	306	89	138	
Coastal	-	-	11	-	-	-	-	-	13	42	37	48	0	
ANDHRA PRADESH														
Visakhapatnam	21369	24916	25150	23830	28922	28248	30024	31913	28729	23764	24821	19244	17449	
Other Ports	4552	5902	8856	9656	9857	14133	19703	13267	12061	11208	12125	10461	9554	
Total	25921	30818	34006	33486	38779	42381	49727	45180	40790	34972	36946	29705	27003	
Overseas	14659	18927	21209	18536	22893	26040	32637	25750	20191	20560	21989	16737	14509	
Coastal	11262	11891	12797	14950	15886	16341	17090	19430	20599	14412	14957	12968	12494	
ORISSA														
Paradip	18606	21666	21685	24855	25583	26521	27836	24810	18261	17436	27331	24746	28167	
Other Ports	-	-	-	-	89	94	291	291	20	2335	4146	1401	995	
Total	18606	21666	21685	24855	25672	26615	28127	25101	18281	19771	31477	26147	29162	
Overseas	7254	10649	12101	13951	14882	15275	17497	15286	7507	2386	8270	1791	1346	
Coastal	11352	11017	9584	10904	10790	13340	10630	9821	10774	17385	23207	24356	27816	
WEST BENGAL														
KDS	1134	1744	2178	2816	3379	3628	4776	5282	10050	5373	6164	4578	6241	
HDC	9890	11257	14227	13919	14909	13919	11796	11748	5230	7538	7798	5466	4671	
Other Ports	-	-	-	-	-	-	-	-	-	-	-	-	0	
Total	11024	13001	16405	16735	18288	17547	16572	17030	15280	12911	13962	10044	10912	
Overseas	7134	8788	11679	12853	15151	14267	13757	13654	11428	9132	10327	6936	7689	
Coastal	3890	4213	4726	3882	3137	3280	2815	3376	3852	3779	3635	3108	3223	
SEA-ISLANDS														
Other Ports	231	247	275	544	809	675	516	352	248	205	305	269	279	
Total	231	247	275	544	809	675	516	352	248	205	305	269	279	
Overseas	-	-	-	-	-	-	10	-	-	-	-	0	0	
Coastal	231	247	275	544	809	675	506	352	248	205	305	269	279	
ALL INDIA														
Major Ports	148135	167321	179871	185659	208653	212136	215658	218137	197450	176728	177060	160051	159353	
Other Ports	48304	55972	64072	76661	82467	76957	104342	111980	114894	106808	103087	114160	117318	
Total	196439	223293	243943	262320	291120	289093	320000	330117	312344	283536	280147	274211	276671	
Overseas	141813	165703	182334	192599	236024	232275	251140	260346	238183	207174	212449	198836	195556	
Coastal	54626	57590	61609	69721	55097	56818	68860	69771	74161	76362	67698	75375	81115	

Note: 1) 'Other Ports' means Non-Major Ports
2) Sea Islands comprises of Lakshadweep & A & N Islands.

Table 3.2.1

Trend in Total Traffic Handled at Major Ports

(Million Tonnes)

Year	Overseas			Coastal			Overseas & Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
1981-82	39.78	32.23	72.01	8.61	7.36	15.97	48.39	39.59	87.98
1982-83	41.08	29.16	70.24	10.57	12.89	23.46	51.65	42.05	93.70
1983-84	38.80	29.07	67.87	13.41	15.10	28.51	52.21	44.17	96.38
1984-85	39.62	33.97	73.59	15.71	16.52	32.23	55.33	50.49	105.82
1985-86	45.82	36.73	82.55	22.16	14.91	37.07	67.98	51.64	119.62
1986-87	43.58	39.79	83.37	23.36	17.64	41.00	66.94	57.43	124.37
1987-88	49.95	40.15	90.10	23.39	21.11	44.50	73.34	61.26	134.60
1988-89	55.40	43.79	99.19	25.91	21.96	47.87	81.31	65.75	147.06
1989-90	54.13	45.26	99.39	26.72	21.46	48.18	80.85	66.72	147.57
1990-91	59.02	43.63	102.65	26.07	22.95	49.02	85.09	66.58	151.67
1991-92	59.91	44.89	104.80	26.66	25.18	51.84	86.57	70.07	156.64
1992-93	74.09	43.28	117.37	24.35	24.78	49.13	98.44	68.06	166.50
1993-94	76.02	53.48	129.50	24.81	24.71	49.52	100.83	78.19	179.02
1994-95	83.60	52.18	135.78	29.60	30.51	60.11	113.20	82.69	195.89
1995-96	94.86	57.24	152.10	31.79	31.32	63.11	126.65	88.56	215.21
1996-97	102.84	57.77	160.61	36.37	30.28	66.65	139.21	88.05	227.26
1997-98	117.43	62.25	179.68	38.55	33.43	71.98	155.98	95.68	251.66
1998-99	124.99	55.03	180.02	39.54	32.18	71.72	164.53	87.21	251.74
1999-00	133.80	56.63	190.43	49.92	31.62	81.54	183.72	88.25	271.97
2000-01	127.20	66.20	193.40	51.55	36.18	87.73	178.75	102.38	281.13
2001-02	130.12	76.77	206.89	47.03	33.66	80.69	177.15	110.43	287.58
2002-03	133.83	93.52	227.35	48.21	37.99	86.20	182.04	131.51	313.55
2003-04	148.13	110.66	258.79	48.53	37.48	86.01	196.66	148.14	344.80
2004-05	169.42	126.20	295.62	47.02	41.12	88.14	216.44	167.32	383.76
2005-06	199.48	133.64	333.12	44.22	46.23	90.45	243.70	179.87	423.57
2006-07	225.55	143.26	368.81	52.57	42.40	94.97	278.12	185.66	463.78
2007-08	253.16	165.76	418.92	57.49	42.90	100.39	310.65	208.66	519.31
2008-09	260.97	166.49	427.46	57.70	45.65	103.34	318.67	212.14	530.80
2009-10	286.50	167.52	454.02	58.93	48.14	107.07	345.43	215.66	561.09
2010-11	296.31	168.86	465.17	55.64	49.28	104.92	351.95	218.14	570.09
2011-12	306.76	147.80	454.56	55.98	49.65	105.63	362.74	197.45	560.19
2012-13	315.20	123.63	438.83	53.90	53.10	107.01	369.10	176.73	545.83
2013-14	318.66	122.18	440.83	59.77	54.89	114.66	378.43	177.06	555.49
2014-15	355.63	106.24	461.87	65.67	53.81	119.48	421.29	160.05	581.34
2015-16	379.70	101.03	480.72	66.84	58.33	125.17	446.54	159.35	605.89

Table 3.2.2

Trend in Port-wise Cargo Traffic Handled at Major Ports

(In Million Tonnes)

Year	P O R T S												Total
	Kandla	Mumbai	J.L. Nehru	Mormugao	New Mangalore	Cochin	V. O. Chidambanar	Chennai	Kamaraja	Visakhapatnam	Paradip	Kolkata/Haldia	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1975-76	3.20	16.65	-	12.77	0.34	4.26	1.36	7.88	-	8.55	3.33	7.66	66.00
1980-81	8.76	16.98	-	13.77	0.96	5.23	2.56	10.38	-	10.12	2.24	9.27	80.27
1981-82	9.69	19.40	-	14.98	1.64	5.50	2.67	11.41	-	10.99	2.23	9.47	87.98
1982-83	12.36	23.21	-	12.81	2.27	5.71	3.23	12.07	-	10.22	1.57	10.25	93.70
1983-84	14.16	23.89	-	12.84	2.84	5.00	3.55	12.84	-	9.88	1.37	10.01	96.38
1984-85	15.74	26.94	-	14.30	3.38	4.07	3.77	14.13	-	11.08	2.14	10.27	105.82
1985-86	16.49	24.31	-	16.12	3.69	5.28	4.22	18.15	-	15.91	3.33	12.13	119.63
1986-87	16.19	25.08	-	14.92	5.43	6.88	4.13	19.78	-	15.04	4.85	12.07	124.37
1987-88	18.08	29.57	-	13.33	6.11	6.80	4.26	22.82	-	15.37	5.19	13.07	134.60
1988-89	17.81	29.34	-	15.39	7.09	7.82	5.13	23.86	-	20.37	6.03	14.22	147.06
1989-90	18.92	27.75	0.70	14.17	7.66	7.12	5.32	23.94	-	21.12	6.18	14.69	147.57
1990-91	19.69	28.90	2.02	14.91	8.02	7.28	5.08	24.52	-	19.42	6.88	14.95	151.67
1991-92	21.00	26.26	2.79	15.10	8.27	7.48	5.87	25.05	-	21.52	7.30	16.00	156.64
1992-93	22.91	28.95	3.01	16.31	7.09	7.98	6.22	25.33	-	22.76	7.60	18.34	166.50
1993-94	24.50	30.51	3.38	18.72	8.63	7.62	6.70	26.54	-	25.59	8.33	18.50	179.02
1994-95	26.50	30.67	5.01	18.88	8.01	8.63	8.04	29.46	-	30.03	10.12	20.54	195.89
1995-96	30.34	33.92	6.87	18.09	8.88	11.50	9.29	30.72	-	32.82	11.26	21.52	215.21
1996-97	33.73	33.73	8.07	17.31	12.45	11.74	9.18	31.85	-	34.50	11.58	23.12	227.26
1997-98	38.90	32.10	8.90	21.18	15.28	12.32	9.98	35.53	-	36.01	13.30	28.16	251.66
1998-99	40.64	30.97	11.72	18.02	14.21	12.68	10.15	35.20	-	35.65	13.11	29.39	251.74
1999-00	46.30	30.41	14.98	18.23	17.60	12.84	9.99	37.44	-	39.51	13.64	31.03	271.97
2000-01	36.74	27.06	18.58	19.63	17.89	13.14	12.28	41.22	-	44.69	19.90	30.00	281.13
2001-02	37.73	26.43	22.52	22.93	17.50	12.06	13.02	36.12	3.40	44.34	21.13	30.40	287.58
2002-03	40.63	26.80	26.84	23.65	21.43	13.02	13.29	33.69	8.49	46.01	23.90	35.80	313.55
2003-04	41.52	30.00	31.19	27.87	26.67	13.57	13.68	36.71	9.28	47.74	25.31	41.26	344.80
2004-05	41.55	35.19	32.81	30.66	33.89	14.10	15.81	43.81	9.48	50.15	30.10	46.21	383.76
2005-06	45.91	44.19	37.84	31.69	34.45	13.89	17.14	47.25	9.16	55.80	33.11	53.14	423.57
2006-07	52.98	52.36	44.82	34.24	32.04	15.26	18.00	53.41	10.71	56.39	38.52	55.05	463.78
2007-08	64.92	57.04	55.84	35.13	36.02	15.81	21.48	57.15	11.56	64.60	42.44	57.33	519.31
2008-09	72.22	51.88	57.30	41.68	36.69	15.49	22.01	57.49	11.50	63.91	46.41	54.22	530.80
2009-10	79.50	54.54	60.76	48.85	35.53	17.43	23.79	61.06	10.70	65.50	57.01	46.42	561.09
2010-11	81.88	54.59	64.32	50.06	31.55	17.87	25.73	61.46	11.01	68.04	56.04	47.54	570.09
2011-12	82.50	56.19	65.73	39.05	32.94	20.09	28.11	55.71	14.96	67.42	54.25	43.25	560.19
2012-13	93.62	58.04	64.49	17.74	37.04	19.85	28.26	53.40	17.89	59.04	56.55	39.93	545.83
2013-14	87.01	59.18	62.33	11.74	39.37	20.89	28.64	51.11	27.34	58.50	68.00	41.39	555.49
2014-15	92.50	61.66	63.80	14.71	36.57	21.60	32.41	52.54	30.25	58.00	71.01	46.29	581.34
2015-16	99.46	61.12	64.03	20.78	35.58	22.10	36.85	50.06	32.21	57.03	76.40	50.29	605.89

Table 3.2.3

Commodity-wise Cargo Traffic Handled at Major Ports

('000 Tonnes)

Year	POL (Crude & Products)	Fertiliser	Fertiliser Raw Material	Iron Ore	Coal	Food-grains	Others	Total
1	2	3	4	5	6	7	8	9
ALL PORTS								
1987-88	58917	1417	4165	28748	12788	1672	26895	134602
1988-89	63166	1648	4738	32738	15468	3388	25915	147061
1989-90	61968	2921	5193	33186	17616	1493	25198	147575
1990-91	64004	2879	6064	31904	19659	1528	25627	151665
1991-92	67625	3153	6767	32101	22403	1539	23056	156644
1992-93	73959	3595	6318	29827	24488	2795	25515	166497
1993-94	77265	4183	5291	34096	26806	1964	29414	179019
1994-95	80753	4334	6667	34354	30798	1343	37641	195890
1995-96	90923	5727	6628	34562	33790	3852	39726	215208
1996-97	97854	3298	6633	33260	37530	3269	45413	227257
1997-98	104393	4797	7614	39611	42295	2904	50044	251658
1998-99	107574	4717	7837	34547	43605	3653	49805	251738
1999-00	117674	5641	8207	36382	43193	3003	57867	271967
2000-01	108382	3029	10305	40458	54524	1978	62455	281131
2001-02	103278	3492	10480	45764	51253	3914	69400	287581
2002-03	109570	2881	10285	50556	53040	8538	78683	313553
2003-04	122161	2855	8941	58853	54896	6839	90254	344799
2004-05	126441	3846	10670	76201	60647	3838	102112	383755
2005-06	142094	6624	10676	79217	68827	2133	113997	423568
2006-07	145878	7929	11139	80585	64634	4930	148687	463782
2007-08	167435	11874	6405	92298	68665	2990	169646	519313
2008-09	174203	12171	6106	92669	76925	2401	166329	530804
2009-10	174861	10941	6790	100892	71786	1196	178895	545361
2010-11	179882	12367	8431	87686	75146	1915	204659	570086
2011-12	173851	12218	8186	60719	78776	3279	223158	560187
2012-13	180725	7469	7328	27289	86804	6597	229619	545831
2013-14	180507	6148	7635	23037	93112	4794	240256	555489
2014-15	166657	7935	8463	16227	118360	3084	260608	581334
2015-16	186360	8493	7530	15315	134056	2373	251764	605891
KANDLA								
1987-88	13395	207	191	0	0	812	3478	18083
1988-89	13238	235	204	0	0	580	3550	17807
1989-90	14354	302	730	0	0	436	3103	18925
1990-91	15062	308	737	0	0	585	2993	19685
1991-92	16503	365	936	0	0	940	2258	21002
1992-93	17951	448	945	0	0	600	2966	22910
1993-94	18157	824	1043	0	0	629	3847	24500
1994-95	18898	705	1174	0	0	689	5036	26502
1995-96	21126	676	1102	0	0	2038	5397	30339
1996-97	25061	366	1335	0	0	1951	5017	33730
1997-98	29036	732	1550	0	0	1386	6197	38901
1998-99	30468	588	1629	0	736	1697	5519	40637
1999-00	34612	1020	1746	0	829	1050	7046	46303
2000-01	25094	471	1694	0	624	1273	7585	36741
2001-02	22709	611	2129	0	381	2584	9314	37728
2002-03	23014	516	2429	0	255	5445	8974	40633
2003-04	23625	502	2169	0	244	4804	10179	41523
2004-05	22120	678	2441	0	229	2535	13548	41551
2005-06	24297	1678	2459	2	434	1379	15658	45907
2006-07	29711	2049	1944	234	704	2024	16316	52982
2007-08	38225	3916	160	419	1179	1373	19648	64920
2008-09	45538	5195	298	129	1874	1029	18161	72224
2009-10	46970	4912	788	661	3225	632	22312	79500
2010-11	48426	5807	583	817	3492	674	22081	81880
2011-12	46938	5297	761	991	4225	1291	22998	82501
2012-13	54544	3678	946	925	4438	3783	25305	93619
2013-14	53136	2642	991	586	6350	2732	20568	87005
2014-15	55589	3847	655	1160	9967	2223	19056	92497
2015-16	54994	4362	170	952	15001	812	23167	99458

Table 3.2.3
(Contd...)

Commodity-wise Cargo Traffic Handled at Major Ports

('000 Tonnes)

Year	POL (Crude & Products)	Fertiliser	Fertiliser Raw Material	Iron Ore	Coal	Food-grains	Others	Total
1	2	3	4	5	6	7	8	9
MUMBAI (a)								
1987-88	19384	174	992	0	-	572	8446	29568
1988-89	19063	162	1266	0	-	860	7991	29342
1989-90	18210	141	1082	0	-	432	7881	27746
1990-91	19670	46	621	0	-	625	7937	28899
1991-92	19512	37	457	0	-	340	5915	26261
1992-93	20303	39	928	0	-	544	7232	29046
1993-94	20820	57	845	0	-	763	8021	30506
1994-95	18833	70	892	0	-	616	10262	30673
1995-96	21138	105	735	0	-	1209	10729	33916
1996-97	18712	50	673	0	-	114	14178	33727
1997-98	16732	60	818	0	-	24	14463	32097
1998-99	16671	96	806	0	-	30	13367	30970
1999-00	16785	140	749	0	-	141	12597	30412
2000-01	15641	139	561	0	-	186	10536	27063
2001-02	15710	108	552	0	-	123	9940	26433
2002-03	16039	125	339	0	-	163	10130	26796
2003-04	18576	113	406	0	-	129	10771	29995
2004-05	19396	161	413	0	-	224	14993	35187
2005-06	27781	171	424	0	1844	98	13872	44190
2006-07	24281	136	337	0	2533	857	24220	52364
2007-08	37074	102	231	0	2872	532	16227	57038
2008-09	34571	136	210	0	3676	479	12804	51876
2009-10	34538	201	241	0	3815	17	0	38812
2010-11	32990	155	300	0	6368	745	14028	54586
2011-12	30611	230	174	0	4622	894	19655	56186
2012-13	34751	156	356	0	4100	880	17795	58038
2013-14	35980	151	151	...	4221	703	17978	59184
2014-15	35837	172	276		4304	683	20388	61660
2015-16	35669	148	291		3451	961	20599	61119
J.L.NEHRU								
1990-91	-	516	850	-	0	-	656	2022
1991-92	-	623	820	-	0	-	1351	2794
1992-93	-	588	114	-	0	577	1728	3007
1993-94	-	855	23	-	0	275	2234	3387
1994-95	-	1187	125	-	0	-	3696	5008
1995-96	139	1716	179	648	0	68	4123	6873
1996-97	252	984	363	686	0	380	5404	8069
1997-98	681	881	75	657	0	355	6246	8895
1998-99	1271	796	93	531	0	418	8614	11723
1999-00	1413	627	164	48	0	555	12169	14976
2000-01	1811	246	148	-	0	-	16370	18575
2001-02	1747	265	68	-	-	30	20411	22521
2002-03	1888	95	209	-	-	-	24652	26844
2003-04	1939	95	115	-	-	-	29041	31190
2004-05	2460	-	37	-	-	-	30311	32808
2005-06	2545	-	33	-	-	-	35258	37836
2006-07	2625	-	2	-	-	-	42188	44815
2007-08	2188	-	-	-	-	-	53650	55838
2008-09	4551	-	-	-	-	-	52745	57296
2009-10	4916	-	-	-	-	-	55847	60763
2010-11	5043	-	870	-	-	-	58404	64317
2011-12	4845	-	4	-	-	19	60862	65730
2012-13	4126	-	-	-	-	-	60362	64488
2013-14	4107	-	-	-	-	12	58214	62333
2014-15	3330	-	-	-	-	-	60471	63801
2015-16	3419	-	-	-	-	-	60608	64027

(a): Figures from 1996-97 onwards are based on actual physical traffic handled.

Table 3.2.3
(Contd...)

Commodity-wise Cargo Traffic Handled at Major Ports

(’000 Tonnes)

Year	POL (Crude & Products)	Fertiliser	Fertiliser Raw Material	Iron Ore	Coal	Food-grains	Others	Total
1	2	3	4	5	6	7	8	9
MORMUGAO								
1987-88	1132	54	178	11697	-	-	271	13332
1988-89	1321	127	221	13373	-	70	277	15389
1989-90	1043	245	146	12413	15	12	294	14168
1990-91	1369	166	148	12986	34	-	208	14911
1991-92	1865	127	251	12517	31	-	308	15099
1992-93	1784	244	204	13601	107	4	370	16314
1993-94	2098	141	135	15748	109	11	475	18717
1994-95	1938	70	191	15693	413	-	576	18881
1995-96	1911	56	174	14923	565	-	466	18095
1996-97	1218	39	214	14635	386	-	820	17312
1997-98	1134	43	225	18701	487	-	592	21182
1998-99	1047	86	155	15101	674	-	957	18020
1999-00	1143	112	154	14831	1219	-	767	18226
2000-01	1089	124	138	15663	1927	-	687	19628
2001-02	1153	159	274	17966	2725	-	651	22928
2002-03	1128	156	341	18666	2517	-	841	23649
2003-04	1321	129	389	22943	2397	-	695	27874
2004-05	1010	172	407	24717	3711	-	642	30659
2005-06	833	228	377	25314	4125	-	811	31688
2006-07	786	226	394	26741	5091	-	1003	34241
2007-08	874	192	-	27329	4244	-	2489	35128
2008-09	1038	182	-	33809	4556	-	2096	41681
2009-10	964	125	-	40574	4741	-	2443	48847
2010-11	939	232	-	40625	6566	-	1698	50060
2011-12	923	93	-	29370	6832	-	1831	39049
2012-13	823	78	-	7421	7374	60	1982	17738
2013-14	527	179	-	44	7518	44	3427	11739
2014-15	571	227	-	858	8568	-	4487	14711
2015-16	559	223	-	3965	11535	-	4494	20776
NEW MANGALORE								
1987-88	461	93	-	4357	-	-	1197	6108
1988-89	571	46	-	5011	-	62	1394	7084
1989-90	577	115	77	5877	-	-	1015	7661
1990-91	612	83	99	6125	-	-	1103	8022
1991-92	622	141	175	6493	-	-	843	8274
1992-93	630	241	115	5082	-	258	762	7088
1993-94	646	106	130	7060	-	19	669	8630
1994-95	742	87	162	6080	-	-	934	8005
1995-96	957	205	115	6639	41	-	927	8884
1996-97	5069	222	163	5945	19	106	929	12453
1997-98	6963	242	203	6536	99	325	914	15282
1998-99	7188	175	215	5334	61	368	865	14206
1999-00	9161	172	217	6387	117	315	1232	17601
2000-01	10918	198	252	5111	220	-	1192	17891
2001-02	9897	248	198	5783	233	-	1142	17501
2002-03	13450	249	152	6139	236	-	1204	21430
2003-04	17954	238	111	5414	93	15	2848	26673
2004-05	21434	354	215	10275	315	10	1288	33891
2005-06	22392	662	227	9307	513	7	1343	34451
2006-07	21868	972	286	6248	1047	88	1533	32042
2007-08	21782	831	9	9264	1691	57	2385	36019
2008-09	21328	905	13	9774	1929	111	2631	36691
2009-10	21339	820	13	7062	2810	161	3323	35528
2010-11	21551	784	4	3744	2856	116	2495	31550
2011-12	22245	804	21	3036	4022	58	2755	32941
2012-13	22538	519	17	2616	6911	204	4231	37036
2013-14	22792	454	50	1465	8348	117	6139	39365
2014-15	21471	658	83	1517	8178	7	4652	36566
2015-16	21966	732	79	454	6370	27	5954	35582

Table 3.2.3
(Contd...)

Commodity-wise Cargo Traffic Handled at Major Ports

('000 Tonnes)

Year	POL (Crude & Products)	Fertiliser	Fertiliser Raw Material	Iron Ore	Coal	Food-grains	Others	Total
1	2	3	4	5	6	7	8	9
COCHIN								
1987-88	5366	110	757	0	-	23	546	6802
1988-89	6268	139	549	0	-	175	693	7824
1989-90	5589	209	680	0	-	45	601	7124
1990-91	5804	181	684	0	-	40	566	7275
1991-92	5881	148	821	0	-	19	612	7481
1992-93	6222	136	800	0	-	90	730	7978
1993-94	6101	39	704	0	-	-	776	7620
1994-95	6635	95	816	0	-	-	1085	8631
1995-96	9416	194	803	0	-	9	1081	11503
1996-97	9218	194	786	0	119	32	1393	11742
1997-98	9613	160	688	0	141	164	1557	12323
1998-99	9665	72	683	0	157	289	1815	12681
1999-00	9885	53	616	0	156	98	2033	12841
2000-01	9681	28	594	0	176	12	2653	13144
2001-02	8588	107	539	0	92	11	2722	12059
2002-03	9368	97	534	0	187	18	2820	13024
2003-04	9960	101	403	0	142	-	2966	13572
2004-05	10277	71	495	0	210	-	3050	14103
2005-06	9641	81	646	0	199	-	3321	13888
2006-07	10475	79	560	0	219	184	3740	15257
2007-08	11300	83	271	27	246	6	3877	15810
2008-09	10492	193	265	0	259	-	4285	15494
2009-10	11938	135	211	0	148	-	4997	17429
2010-11	12121	76	353	0	40	-	5283	17873
2011-12	14084	115	315	0	34	-	5542	20090
2012-13	14027	22	331	0	28	-	5437	19845
2013-14	14321	36	271	...	...	...	6258	20886
2014-15	14017	68	377	...	98	-	7035	21595
2015-16	13773	22	230	...	88	95	7887	22095
V.O.Chidambaranar								
1987-88	364	106	320	0	2904	70	497	4261
1988-89	468	145	532	0	2981	408	591	5125
1989-90	476	434	231	0	2926	159	1098	5324
1990-91	470	288	327	0	2635	110	1245	5075
1991-92	496	302	442	0	3116	75	1437	5868
1992-93	510	378	431	0	3162	189	1545	6215
1993-94	463	205	209	0	3937	29	1857	6700
1994-95	417	221	463	0	4495	-	2445	8041
1995-96	434	412	376	0	5620	16	2428	9286
1996-97	466	259	364	0	5493	131	2461	9174
1997-98	459	512	711	0	5578	146	2568	9974
1998-99	441	413	849	0	5204	194	3049	10150
1999-00	532	423	791	0	4163	196	3888	9993
2000-01	460	332	884	0	6293	149	4166	12284
2001-02	430	284	776	8	5997	405	5117	13017
2002-03	492	147	880	-	5539	704	5532	13294
2003-04	558	177	853	-	5789	337	5964	13678
2004-05	743	297	944	42	6601	130	7054	15811
2005-06	774	484	1167	-	7240	61	7413	17139
2006-07	626	678	792	-	5608	54	10243	18001
2007-08	464	1098	632	-	6112	443	12731	21480
2008-09	503	1147	677	-	6047	195	13442	22011
2009-10	514	1221	860	41	5603	150	15398	23787
2010-11	741	1171	730	64	5349	80	17592	25727
2011-12	630	1134	891	33	6050	307	19060	28105
2012-13	547	487	572	0	6689	128	19837	28260
2013-14	479	388	790	0	6689	36	20260	28642
2014-15	366	438	1124	46	8305	59	22076	32414
2015-16	475	499	1012	86	14796	378	19603	36849

Table 3.2.3
(Contd...)**Commodity-wise Cargo Traffic Handled at Major Ports**

('000 Tonnes)

Year	POL (Crude & Products)	Fertiliser	Fertiliser Raw Material	Iron Ore	Coal	Food-grains	Others	Total
1	2	3	4	5	6	7	8	9
CHENNAI								
1987-88	7337	373	317	5400	1866	45	7481	22819
1988-89	8769	410	326	5746	2616	471	5225	23563
1989-90	8455	422	311	6046	3643	137	4926	23940
1990-91	8162	501	343	5549	4353	65	5545	24518
1991-92	8649	544	288	5406	5051	77	5031	25046
1992-93	8632	582	271	4838	5588	242	5178	25331
1993-94	9143	858	288	4540	5857	89	5766	26541
1994-95	11942	834	403	5149	6448	10	4678	29464
1995-96	11419	963	374	4951	7530	32	5452	30721
1996-97	11762	520	343	4665	8796	107	5655	31848
1997-98	11585	946	428	6232	10463	162	5715	35531
1998-99	10565	712	441	5445	11944	151	5944	35202
1999-00	10173	731	479	6259	12522	327	6952	37443
2000-01	8896	459	714	7049	14996	164	8942	41220
2001-02	8473	459	533	7482	9656	3	9509	36115
2002-03	8946	420	422	7945	5818	5	10131	33687
2003-04	9200	412	470	8359	5631	20	12618	36710
2004-05	11422	572	459	9615	7511	30	14197	43806
2004-05	13113	701	414	9527	7078	1	16414	47248
2006-07	12987	654	380	10531	3345	661	24856	53414
2007-08	12713	585	266	10781	9698	84	23027	57154
2008-09	13132	516	267	6846	9848	22	26860	57491
2009-10	13321	357	254	8027	3059	-	36039	61057
2010-11	13991	434	337	2114	2023	86	42475	61460
2011-12	13290	394	249	97	961	190	40526	55707
2012-13	13376	190	231	52	0	314	39241	53404
2013-14	12878	160	255	0	0	306	37506	51105
2014-15	12659	272	270	0	0	37	39303	52541
2015-16	11891	61	199	0	0	0	37907	50058
Kamarajar								
2001-02	-	-	-	-	3401	-	-	3401
2002-03	-	-	-	-	8485	-	-	8485
2003-04	-	-	-	-	9277	-	-	9277
2004-05	104	-	-	520	8856	-	-	9480
2005-06	244	-	-	537	8387	-	-	9168
2006-07	188	-	-	1724	8802	-	-	10714
2007-08	319	-	-	2190	9051	-	3	11563
2008-09	366	-	-	1111	9708	-	315	11500
2009-10	395	-	-	936	9279	-	93	10703
2010-11	509	-	-	401	9368	-	731	11009
2011-12	502	-	-	-	13111	-	1343	14956
2012-13	521	-	-	-	14925	-	2439	17885
2013-14	336	-	-	-	10809	-	16192	27337
2014-15	1894	-	-	-	24222	-	4135	30251
2015-16	2443	-	-	-	25612	-	4151	32206
VISAKHAPATNAM								
1987-88	5566	108	642	5585	2516	34	920	15371
1988-89	6999	145	701	6930	3810	265	1522	20372
1989-90	6828	410	1115	6791	4221	113	1639	21117
1990-91	5598	459	1290	5496	4889	-	1689	19421
1991-92	6384	504	1325	6161	5648	27	1473	21522
1992-93	7592	484	1336	4960	6021	171	2201	22765
1993-94	7498	682	1092	5230	6624	46	4423	25595
1994-95	11237	790	1337	5551	7771	3	3340	30029
1995-96	12575	1104	1235	5710	8203	353	3637	32817
1996-97	13422	489	1134	5948	9057	405	4043	34498
1997-98	12116	1039	1214	6050	9934	300	5361	36014
1998-99	12503	1634	1251	7339	9180	361	3386	35654
1999-00	15288	2172	1163	7825	9534	261	3267	39510
2000-01	18336	829	907	9269	12185	173	2986	44685
2001-02	18583	986	1033	9199	10677	703	3163	44344
2002-03	16854	716	902	10433	9958	2196	4947	46006
2003-04	17427	838	941	12378	9392	1453	5307	47736
2004-05	14628	1367	1074	16587	10097	825	5570	50148
2005-06	16941	2295	1329	16170	12167	543	6356	55801
2006-07	18178	2618	1298	14718	11401	980	7192	56385
2007-08	18523	4572	716	18948	10367	486	10985	64597
2008-09	19758	3408	726	17519	11020	527	10950	63908
2009-10	18291	2909	775	18944	11722	226	12634	65501
2010-11	19242	3268	811	19347	11464	203	13706	68041
2011-12	17428	3719	832	16243	10063	517	18618	67420
2012-13	13501	2023	565	12569	9746	1121	19513	59038
2013-14	12960	1819	795	13032	9672	817	19409	58504
2014-15	13129	1838	720	8365	8853	75	25024	58004
2015-16	14873	1996	799	6088	8501	86	24692	57035

**Table 3.2.3
(Cont)**

Commodity-wise Cargo Traffic Handled at Major Ports

(’000 Tonnes)

Year	POL (Crude & Products)	Fertiliser	Fertiliser Raw Material	Iron Ore	Coal	Food-grains	Others	Total
1	2	3	4	5	6	7	8	9
PARADIP								
1987-88	-	9	470	1709	2305	-	694	5187
1988-89	-	-	648	1678	2394	50	1262	6032
1989-90	-	157	301	2059	2709	6	952	6184
1990-91	-	100	508	1748	3614	11	903	6884
1991-92	23	87	773	1524	3954	1	935	7297
1992-93	195	142	647	1346	4542	3	731	7606
1993-94	345	192	534	1518	4845	Neg.	893	8327
1994-95	380	125	691	1881	5830	-	1214	10121
1995-96	1066	134	956	1691	5909	20	1483	11259
1996-97	1693	102	699	1381	6513	26	1166	11580
1997-98	1737	116	1066	1435	7852	-	1096	13302
1998-99	2007	26	1127	797	8198	12	941	13108
1999-00	2219	55	1374	1025	7755	-	1208	13636
2000-01	2219	-	3370	2992	10097	-	1222	19900
2001-02	1993	-	3421	3546	10722	-	1449	21131
2002-03	1923	-	3055	4679	11722	-	2522	23901
2003-04	1365	-	2218	5934	14037	-	1757	25311
2004-05	839	-	3418	9051	14209	-	2587	30104
2005-06	910	-	2496	10273	16287	-	3143	33109
2006-07	1376	89	4173	11880	17130	-	3869	38517
2007-08	1765	136	3742	12960	15932	-	7902	42437
2008-09	3240	173	3397	14272	20162	-	5168	46412
2009-10	11647	81	3486	16159	19820	-	5818	57011
2010-11	12845	136	4226	13795	19340	-	5696	56038
2011-12	15091	236	4547	6556	21563	-	6261	54254
2012-13	16467	142	4004	1833	26105	-	8001	56552
2013-14	17702	122	3932	5593	32084	-	8570	68003
2014-15	3550	51	4378	1881	37762	-	23379	71001
2015-16	20567	0	4361	2889	39471	-	9109	76397
KOLKATA/HALDIA								
1987-88	5912	183	298	-	3132	116	3430	13071
1988-89	6469	239	291	-	3605	447	3172	14223
1989-90	6436	384	388	-	4178	193	3110	14689
1990-91	7257	231	457	-	4134	92	2782	14953
1991-92	7690	275	479	-	4603	60	2893	16000
1992-93	8940	313	527	-	5068	117	3372	18337
1993-94	8696	224	288	-	5434	103	3751	18496
1994-95	9731	150	413	-	5841	25	4375	20535
1995-96	10742	162	579	-	5922	107	4003	21515
1996-97	10981	73	559	-	7147	17	4347	23124
1997-98	14337	66	636	-	7741	42	5335	28157
1998-99	15748	119	588	-	7451	133	5348	29387
1999-00	16463	136	754	-	6898	60	6715	31026
2000-01	14237	203	1043	374	8006	21	6116	30000
2001-02	13995	265	957	1780	7369	55	5982	30403
2002-03	16468	360	1022	2694	8323	7	6930	35804
2003-04	20236	250	866	3825	7894	81	8108	41260
2004-05	22008	174	767	5394	8908	84	8872	46207
2005-06	22623	324	1104	8087	10553	44	10408	53143
2006-07	22777	428	973	8509	8754	82	13527	55050
2007-08	22208	359	378	10380	7273	9	16722	57329
2008-09	19686	316	253	9209	7846	38	16872	54220
2009-10	10028	180	162	8488	7564	10	19991	46423
2010-11	11484	304	217	6779	8280	11	20470	47545
2011-12	7264	196	392	4393	7293	3	23707	43248
2012-13	5504	174	306	1873	6488	107	25476	39928
2013-14	5289	197	400	2317	7421	27	25735	41386
2014-15	4244	364	580	2400	8103	0	30602	46293
2015-16	5731	450	389	881	9231	14	33593	50289

Table 3.2.4 (Contd...)

Trend in Type-wise Cargo Traffic Handled at Major Ports

('000 tonnes)

PORT/YEAR	Overseas			Coastal			Overseas & Coastal		
	Un-Loaded	Loaded	Total	Un-Loaded	Loaded	Total	Un-Loaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
MORMUGAO									
1995-96	2336	15146	17482	483	130	613	2819	15276	18095
1996-97	1156	15260	16416	795	101	896	1951	15361	17312
1997-98	1122	19114	20236	856	90	946	1978	19204	21182
1998-99	1779	15335	17114	781	125	906	2560	15460	18020
1999-00	2278	14784	17062	1019	145	1164	3297	14929	18226
2000-01	2558	15813	18371	1132	125	1257	3690	15938	19628
2001-02	3564	18153	21717	1055	156	1211	4619	18309	22928
2002-03	3379	19076	22455	1001	193	1194	4380	19269	23649
2003-04	3241	23326	26567	1227	80	1307	4468	23406	27874
2004-05	4784	24741	29525	847	287	1134	5631	25028	30659
2005-06	5519	25255	30774	555	359	914	6074	25614	31688
2006-07	6426	26988	33414	624	203	827	7050	27191	34241
2007-08	6547	27539	34086	638	404	1042	7185	27943	35128
2008-09	6395	34255	40650	617	414	1031	7012	34669	41681
2009-10	6870	40429	47299	1022	526	1548	7892	40955	48847
2010-11	8293	40547	48840	907	313	1220	9200	40860	50060
2011-12	8312	29602	37914	820	315	1135	9132	29917	39049
2012-13	8447	8537	16984	623	131	754	9070	8668	17738
2013-14	8882	2132	11014	523	202	725	9405	2334	11739
2014-15	10698	2793	13491	683	537	1220	11381	3330	14711
2015-16	14636	5039	19675	733	368	1101	15369	5407	20776
NEW MANGALORE									
1995-96	1077	6528	7605	806	473	1279	1883	7001	8884
1996-97	4202	5895	10097	277	2079	2356	4479	7974	12453
1997-98	5823	6441	12264	275	2743	3018	6098	9184	15282
1998-99	6581	5120	11701	348	2157	2505	6929	7277	14206
1999-00	7977	5911	13888	476	3237	3713	8453	9148	17601
2000-01	8227	5349	13576	963	3352	4315	9190	8701	17891
2001-02	7324	5720	13044	1433	3024	4457	8757	8744	17501
2002-03	9426	7843	17269	1166	2995	4161	10592	10838	21430
2003-04	10393	11026	21419	2654	2600	5254	13047	13626	26673
2004-05	11277	14207	25484	4235	4172	8407	15512	18379	33891
2005-06	12570	14330	26900	3949	3602	7551	16519	17932	34451
2006-07	13367	11022	24389	4555	3098	7653	17922	14120	32042
2007-08	16693	13255	29948	2932	2199	6071	19625	16394	36019
2008-09	16760	13871	30631	3204	2856	6060	19964	16727	36691
2009-10	17976	10508	28484	3593	3451	7044	21569	13959	35528
2010-11	17515	7305	24820	3551	3179	6730	21066	10484	31550
2011-12	20276	6751	27027	3408	2506	5914	23684	9257	32941
2012-13	23301	7519	30820	4021	2195	6216	27322	9714	37036
2013-14	25734	7711	33445	3520	2400	5920	29254	10111	39365
2014-15	25608	6060	31668	2718	2180	4898	28326	8240	36566
2015-16	25377	5058	30435	2604	2543	5147	27981	7601	35582
COCHIN									
1995-96	3522	1184	4706	5603	1194	6797	9125	2378	11503
1996-97	4497	1190	5687	4990	1065	6055	9487	2255	11742
1997-98	5447	1038	6485	4334	1504	5838	9781	2542	12323
1998-99	6168	952	7120	4083	1478	5561	10251	2430	12681
1999-00	3490	893	4383	7146	1312	8458	10636	2205	12841
2000-01	6278	1072	7350	4783	1011	5794	11061	2083	13144
2001-02	5815	1214	7029	4279	751	5030	10094	1965	12059
2002-03	7230	1108	8338	3669	1017	4686	10899	2125	13024
2003-04	8174	1656	9830	2844	898	3742	11018	2554	13572
2004-05	8324	2027	10351	2626	1126	3752	10950	3153	14103
2005-06	8007	1785	9792	2961	1135	4096	10968	2920	13888
2006-07	8913	1903	10816	2872	1569	4441	11785	3472	15257
2007-08	8529	2130	10659	3660	1491	5151	12189	3621	15810
2008-09	9343	1747	11090	3440	964	4404	12783	2711	15494
2009-10	9570	2314	11884	4264	1281	5545	13834	3595	17429
2010-11	10226	2924	13150	3734	989	4723	13960	3913	17873
2011-12	10563	2737	13300	5212	1578	6790	15775	4315	20090
2012-13	10799	2429	13228	5213	1404	6617	16012	3833	19845
2013-14	10609	2499	13108	6087	1691	7778	16696	4190	20886
2014-15	12322	2411	14733	5214	1648	6862	17536	4059	21595
2015-16	12141	2627	14768	6041	1286	7327	18182	3913	22095

**Table 3.2.4
(Contd...)**

Trend in Type-wise Cargo Traffic Handled at Major Ports

(’000 tonnes)

PORT/YEAR	Overseas			Coastal			Overseas & Coastal		
	Un-Loaded	Loaded	Total	Un-Loaded	Loaded	Total	Un-Loaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
V.O. CHIDAMBARANAR									
1995-96	2788	1312	4100	5167	19	5186	7955	1331	9286
1996-97	1734	1545	3279	5877	18	5895	7611	1563	9174
1997-98	2791	1542	4333	5623	18	5641	8414	1560	9974
1998-99	3341	1629	4970	5144	36	5180	8485	1665	10150
1999-00	3732	2029	5761	4202	30	4232	7934	2059	9993
2000-01	3654	2396	6050	6185	49	6234	9839	2445	12284
2001-02	4094	3147	7241	5717	59	5776	9811	3206	13017
2002-03	3950	3690	7640	5614	40	5654	9564	3730	13294
2003-04	4281	3410	7691	5903	84	5987	10184	3494	13678
2004-05	6024	3665	9689	6036	86	6122	12060	3751	15811
2005-06	6509	3656	10165	6866	108	6974	13375	3764	17139
2006-07	7695	4302	11997	5807	197	6004	13502	4499	18001
2007-08	9824	5515	15339	5648	493	6141	15472	6008	21480
2008-09	11242	5070	16312	5128	571	5699	16370	5641	22011
2009-10	12870	4414	17284	5782	721	6503	18652	5135	23787
2010-11	12706	6585	19291	5688	748	6436	18394	7333	25727
2011-12	13404	7948	21352	6157	596	6753	19561	8544	28105
2012-13	13273	7466	20739	6581	940	7521	19854	8406	28260
2013-14	15412	6598	22010	5566	1066	6632	20978	7664	28642
2014-15	18891	7569	26460	5102	852	5954	23993	8421	32414
2015-16	21180	8291	29471	6187	1191	7378	27367	9482	36849
CHENNAI									
1995-96	11693	9259	20952	8740	1029	9769	20433	10288	30721
1996-97	11603	8728	20331	10330	1187	11517	21933	9915	31848
1997-98	12730	10455	23185	11299	1047	12346	24029	11502	35531
1998-99	12431	9217	21648	12660	894	13554	25091	10111	35202
1999-00	12950	9826	22776	13488	1179	14667	26438	11005	37443
2000-01	13187	11567	24754	15733	733	16466	28920	12300	41220
2001-02	12682	11952	24634	10458	1023	11481	23140	12975	36115
2002-03	12003	13117	25120	7603	964	8567	19606	14081	33687
2003-04	13807	15349	29156	6495	1059	7554	20302	16408	36710
2004-05	18952	17273	36225	5793	1788	7581	24745	19061	43806
2005-06	23247	18064	41311	3956	1981	5937	27203	20045	47248
2006-07	26195	21337	47532	4564	1318	5882	30759	22655	53414
2007-08	28526	23369	51895	4333	926	5259	32859	24295	57154
2008-09	30028	21983	52011	4617	863	5480	34645	22846	57491
2009-10	33875	22219	56094	4239	724	4963	38114	22943	61057
2010-11	36287	20178	56465	4038	957	4995	40325	21135	61460
2011-12	32867	18281	51148	3948	611	4559	36815	18892	55707
2012-13	30467	18547	49014	3907	483	4390	34374	19030	53404
2013-14	29733	18153	47886	2800	419	3219	32533	18572	51105
2014-15	30762	18484	49246	2926	369	3295	33688	18853	52541
2015-16	28867	16692	45559	3670	829	4499	32537	17521	50058
Kamarajar									
2001-02	0	0	0	3401	0	3401	3401	0	3401
2002-03	0	0	0	8485	0	8485	8485	0	8485
2003-04	0	0	0	9277	0	9277	9277	0	9277
2004-05	122	520	642	8838	0	8838	8960	520	9480
2005-06	1066	537	1603	7565	0	7565	8631	537	9168
2006-07	653	1724	2377	8337	0	8337	8990	1724	10714
2007-08	1212	2190	3402	8161	0	8161	9373	2190	11563
2008-09	1848	1111	2959	8541	0	8541	10389	1111	11500
2009-10	1313	936	2249	8454	0	8454	9767	936	10703
2010-11	2048	1052	3100	7909	0	7909	9957	1052	11009
2011-12	5457	1244	6701	8255	0	8255	13712	1244	14956
2012-13	7724	1739	9463	8422	0	8422	16146	1739	17885
2013-14	12310	2415	14725	12612	0	12612	24922	2415	27337
2014-15	13921	2587	16508	13743	0	13743	27664	2587	30251
2015-16	12359	2604	14963	17243	0	17243	29602	2604	32206

Table 3.2.4
(Contd...)

Tend in Type-wise Cargo Traffic Handled at Major Ports

('000 tonnes)

PORT/YEAR	Overseas			Coastal			Overseas & Coastal		
	Un-Loaded	Loaded	Total	Un-Loaded	Loaded	Total	Un-Loaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
VISAKHAPATNAM									
1995-96	14094	7155	21249	3517	8051	11568	17611	15206	32817
1996-97	15807	7243	23050	5407	6041	11448	21214	13284	34498
1997-98	15885	6797	22682	5941	7391	13332	21826	14188	36014
1998-99	16033	6379	22412	6070	7172	13242	22103	13551	35654
1999-00	16379	6299	22678	8772	8060	16832	25151	14359	39510
2000-01	16407	8170	24577	10092	10016	20108	26499	18186	44685
2001-02	18033	9037	27070	9403	7871	17274	27436	16908	44344
2002-03	17148	11394	28542	8576	8888	17464	25724	20282	46006
2003-04	18392	13290	31682	7975	8079	16054	26367	21369	47736
2004-05	20602	15924	36526	4630	8992	13622	25232	24916	50148
2005-06	25055	15075	40130	5596	10075	15671	30651	25150	55801
2006-07	26873	11654	38527	5682	12176	17858	32555	23830	56385
2007-08	29145	15742	44887	6530	13180	19710	35675	28922	64597
2008-09	29200	14158	43358	6460	14090	20550	35660	28248	63908
2009-10	30181	14856	45037	5296	15168	20464	35477	30024	65501
2010-11	30764	14227	44991	5364	17686	23050	36128	31913	68041
2011-12	33120	11633	44753	5571	17096	22667	38691	28729	67420
2012-13	30008	11203	41211	5266	12561	17827	35274	23764	59038
2013-14	29499	11899	41398	4184	12922	17106	33683	24821	58504
2014-15	34173	9234	43407	4587	10010	14597	38760	19244	58004
2015-16	35546	6779	42325	4040	10670	14710	39586	17449	57035
PARADIP									
1995-96	4135	2200	6335	65	4859	4924	4200	7059	11259
1996-97	3733	1818	5551	126	5903	6029	3859	7721	11580
1997-98	4379	1676	6055	109	7138	7247	4488	8814	13302
1998-99	3939	1343	5282	568	7258	7826	4507	8601	13108
1999-00	4237	1933	6170	539	6927	7466	4776	8860	13636
2000-01	6015	3793	9808	833	9259	10092	6848	13052	19900
2001-02	5742	4415	10157	920	10054	10974	6662	14469	21131
2002-03	5914	5786	11700	1077	11124	12201	6991	16910	23901
2003-04	5896	7254	13150	809	11352	12161	6705	18606	25311
2004-05	7931	10649	18580	507	11017	11524	8438	21666	30104
2005-06	10950	12101	23051	474	9584	10058	11424	21685	33109
2006-07	12826	13951	26777	836	10904	11740	13662	24855	38517
2007-08	15103	14793	29896	1751	10790	12541	16854	25583	42437
2008-09	18482	15181	33663	1409	11340	12749	19891	26521	46412
2009-10	27509	17206	44715	1666	10630	12296	29175	27836	57011
2010-11	29658	14995	44653	1564	9821	11385	31222	24816	56038
2011-12	33790	7507	41297	2203	10754	12957	35993	18261	54254
2012-13	36848	2098	38946	2268	15338	17606	39116	17436	56552
2013-14	38509	7346	45855	2163	19985	22148	40672	27331	68003
2014-15	44389	1692	46081	1876	23054	24930	46265	24746	71011
2015-16	46683	770	47453	1547	27397	28944	48230	28167	76397
KOLKATA/HALDIA									
1995-96	12283	1822	14105	2832	4578	7410	15115	6400	21515
1996-97	13505	1906	15411	2723	4990	7713	16228	6896	23124
1997-98	16757	2247	19004	2902	6251	9153	19659	8498	28157
1998-99	18987	1707	20694	2576	6117	8693	21563	7824	29387
1999-00	22350	1803	24153	2586	4287	6873	24936	6090	31026
2000-01	20254	2405	22659	2925	4416	7341	23179	6821	30000
2001-02	20697	3740	24437	2275	3691	5966	22972	7431	30403
2002-03	22089	5252	27341	4371	4092	8463	26460	9344	35804
2003-04	25580	7134	32714	4656	3890	8546	30236	11024	41260
2004-05	29298	8788	38086	3908	4213	8121	33206	13001	46207
2005-06	32346	11679	44025	4392	4726	9118	36738	16405	53143
2006-07	34594	12853	47447	3721	3882	7603	38315	16735	55050
2007-08	35761	15151	50912	3280	3137	6417	39041	18288	57329
2008-09	32920	14267	47187	3753	3280	7033	36673	17547	54220
2009-10	25577	13757	39334	4274	2815	7089	29851	16572	46423
2010-11	25734	13654	39388	4781	3376	8157	30515	17030	47545
2011-12	24409	11428	35837	3559	3852	7411	27968	15280	43248
2012-13	24528	9132	33660	2489	3779	6268	27017	12911	39928
2013-14	25073	10327	35400	2351	3635	5986	27424	13962	41386
2014-15	31875	6936	38811	4374	3108	7482	36249	10044	46293
2015-16	35293	7689	42982	4084	3223	7307	39377	10912	50289

Table 3.2.4
(Contd...)

Trend in Type-wise Cargo Traffic Handled at Major Ports

('000 tonnes)

PORT/YEAR	Overseas			Coastal			Overseas & Coastal		
	Un-Loaded	Loaded	Total	Un-Loaded	Loaded	Total	Un-Loaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
ALL PORTS									
1995-96	94858	57243	152101	31790	31317	63107	126648	88560	215208
1996-97	102836	57773	160609	36371	30277	66648	139207	88050	227257
1997-98	117425	62254	179679	38549	33430	71979	155974	95684	251658
1998-99	124986	55032	180018	39544	32176	71720	164530	87208	251738
1999-00	133798	56633	190431	49922	31614	81536	183720	88247	271967
2000-01	127203	66202	193405	51547	36179	87726	178750	102381	281131
2001-02	130117	76774	206891	47029	33661	80690	177146	110435	287581
2002-03	133829	93522	227351	48208	37994	86202	182037	131516	313553
2003-04	148130	110658	258788	48534	37477	86011	196664	148135	344799
2004-05	169418	126199	295617	47016	41122	88138	216434	167321	383755
2005-06	199476	133646	333122	44221	46225	90446	243697	179871	423568
2006-07	225548	143257	368805	52575	42402	94977	278123	185659	463782
2007-08	253161	165758	418919	57490	42904	100394	310651	208662	519313
2008-09	260971	166489	427460	57697	45647	103344	318668	212136	530804
2009-10	286506	167517	454023	58926	48141	107067	345432	215658	561090
2010-11	296312	168859	465171	55637	49278	104915	351949	218137	570086
2011-12	306755	147560	454315	55982	49890	105872	362737	197450	560187
2012-13	315200	123626	438826	53903	53102	107005	369103	176728	545831
2013-14	318658	122175	440833	59771	54885	114656	378429	177060	555489
2014-15	355628	106240	461868	65665	53811	119476	421293	160051	581344
2015-16	379699	101024	480723	66839	58329	125168	446538	159353	605891

Table 3.2.5

Container Traffic Handled at Major Ports

(In Million Tonnes)

Item	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1. LOADED														
i) Indian Lines	2.45	2.81	2.91	3.19	2.73	2.03	2.46	3.94	2.23	3.33	2.72	2.75	1.78	2.48
ii) Foreign Lines	21.28	24.45	25.31	27.74	35.42	44.16	44.42	43.67	54.06	56.69	56.39	55.68	55.34	55.54
iii) Total	23.73	27.26	28.22	30.93	38.15	46.19	46.88	47.61	56.29	60.02	59.11	58.43	57.12	58.02
2. UNLOADED														
i) Indian Lines	2.01	2.39	2.67	3.12	1.56	2.23	1.16	3.61	1.65	3.11	2.55	3.45	3.25	4.23
ii) Foreign Lines	17.95	21.39	23.90	27.96	33.76	43.83	45.33	64.48	56.23	57.14	58.20	52.80	59.07	60.92
iii) Total	19.96	23.78	26.57	31.08	35.32	46.06	46.49	68.09	57.88	60.25	60.75	56.24	62.32	65.15
3. Total														
i) Indian Lines	4.46	5.20	5.58	6.31	4.29	4.26	3.62	7.55	3.88	6.44	5.27	6.20	5.03	6.71
ii) Foreign Lines	39.23	45.84	49.21	55.70	69.18	87.99	89.75	108.15	110.29	113.84	114.59	108.48	114.41	116.46
iii) Total	43.69	51.04	54.79	62.01	73.47	92.25	93.37	115.70	114.17	120.28	119.87	114.67	119.44	123.17
4. General Cargo (Break Bulk & Container)	64.47	69.77	72.50	82.85	97.40	123.79	120.01	132.59	146.47	156.14	158.09	149.85	154.57	158.66
% Of Container Cargo to general cargo	67.80	73.10	75.60	74.80	75.43	74.52	77.80	87.26	77.95	77.03	75.82	76.52	77.27	77.63

Table 3.2.7

Passenger Traffic at Major Ports

(In '000)

Port/Year	Overseas			Coastal			Total		
	Emarked	Dis-emarked	Total	Emarked	Dis-emarked	Total	Emarked	Dis-emarked	Total
1	2	3	4	5	6	7	8	9	10
MUMBAI									
1993-94	7.2	8.6	15.8	-	-	-	-	-	-
1994-95	7.0	12.9	19.9	31.3	26.3	57.6	38.3	39.2	77.5
1995-96	9.0	12.9	21.9	31.4	34.4	65.8	40.4	47.3	87.7
1996-97	3.2	8.4	11.6	25.2	34.0	59.2	28.4	42.4	70.8
1997-98	4.8	12.5	17.3	22.9	28.4	51.3	27.7	40.9	68.6
1998-99	4.6	2.6	7.2	5.3	7.8	13.1	9.9	10.4	20.3
1999-00	3.4	1.5	4.9	1.3	3.5	4.8	4.7	5.0	9.7
2000-01	4.8	7.7	12.5	3.3	5.0	8.3	8.1	12.7	20.8
2001-02	3.2	4.8	8.0	0.3	-	0.3	3.5	4.8	8.3
2002-03	3.6	2.6	6.2	-	-	0.0	3.6	2.6	6.2
2003-04	1.7	1.9	3.6	-	-	0.0	1.7	1.9	3.6
2004-05	0.7	0.5	1.2	0.8	0.8	1.6	1.5	1.3	2.8
2005-06	0.3	0.9	1.2	42.0	41.5	83.5	42.3	42.4	84.7
2006-07	1.3	0.5	1.8	81.7	78.8	160.5	83.0	79.3	162.3
2007-08	1.3	0.5	1.8	81.8	78.8	160.6	83.1	79.3	162.4
2008-09	1.6	0.8	2.4	12.9	13.3	26.2	14.5	14.1	28.6
2009-10	0.9	1.5	2.4	31.0	31.0	62.0	31.9	32.5	64.4
2010-11	1.8	2.1	3.9	6.1	5.9	12.0	7.9	8.0	15.9
2011-12	2.9	1.8	4.7	0.0	0.0	0.0	2.9	1.8	4.7
2012-13	3.2	2.5	5.6	0.0	0.0	0.0	3.2	2.5	5.6
2013-14	1.6	1.4	3.0	0.0	0.0	0.0	1.6	1.4	3.0
2014-15	4.3	3.6	7.9	0.0	0.0	0.0	4.3	3.6	7.9
2015-16	1.2	2.0	3.2	0.0	0.0	0.0	1.2	2.0	3.2
COCHIN									
1993-94	1.2	1.3	2.5	28.3	31.3	59.6	29.5	32.6	62.1
1994-95	1.7	1.8	3.5	26.5	30.7	57.2	28.2	32.5	60.7
1995-96	8.6	8.6	17.2	24.9	34.2	59.1	33.5	42.8	76.3
1996-97	4.6	4.7	9.3	23.5	32.8	56.3	28.1	37.5	65.6
1997-98	7.1	7.0	14.1	28.3	30.7	59.0	35.4	37.7	73.1
1998-99	4.9	4.8	9.7	33.2	34.3	67.5	38.1	39.1	77.2
1999-00	9.1	9.3	18.4	28.5	29.1	57.6	37.6	38.4	76.0
2000-01	11.7	10.5	22.2	30.7	31.3	62.0	42.4	41.8	84.2
2001-02	8.9	6.2	15.1	36.8	16.1	52.9	45.7	22.3	68.0
2002-03	2.9	2.9	5.8	45.8	48.7	94.5	48.7	51.6	100.3
2003-04	8.9	8.8	17.7	51.7	48.9	100.6	60.6	57.7	118.3
2004-05	9.6	9.5	19.1	51.3	49.3	100.6	60.9	58.8	119.7
2005-06	10.5	10.6	21.1	50.2	49.9	100.1	60.7	60.5	121.2
2006-07	14.1	14.0	28.1	49.0	54.0	103.0	63.1	68.0	131.1
2007-08	14.0	14.0	28.0	47.9	52.6	100.5	61.9	66.6	128.5
2008-09	19.3	19.2	38.5	40.6	43.7	84.3	59.9	62.9	122.8
2009-10	38.0	38.0	76.0	64.0	72.0	136.0	102.0	110.0	212.0
2010-11	24.1	24.1	48.2	69.1	77.0	146.1	93.2	101.1	194.3
2011-12	25.5	25.5	51.0	120.4	92.2	212.6	145.9	117.7	263.6
2012-13	37.2	36.8	74.0	91.6	84.5	176.1	128.8	121.3	250.0
2013-14	24.9	24.6	49.5	80.4	85.0	165.3	105.3	109.6	214.9
2014-15	27.9	28.3	56.2	0.0	0.0	0.0	27.9	28.3	56.2
2015-16	31.6	35.5	67.2	89.0	95.5	184.5	120.6	131.1	251.6
CHENNAI									
1993-94	6.9	-	6.9	41.2	37.3	78.5	48.1	37.3	85.4
1994-95	10.1	-	10.1	38.2	32.4	70.6	48.3	32.4	80.7
1995-96	3.3	...	3.3	42.6	39.9	82.5	45.9	39.9	85.8
1996-97	3.9	...	3.9	40.1	38.1	78.2	44.0	38.1	82.1
1997-98	(a)	(a)	(a)	37.3	38.9	76.2	37.3	38.9	76.2
1998-99	(a)	(a)	(a)	47.6	44.6	92.2	47.6	44.6	92.2
1999-00	0.1	-	0.1	45.6	40.7	86.3	45.7	40.7	86.4
2000-01	0.2	0.1	0.3	51.6	43.8	95.4	51.8	43.9	95.7
2001-02	0.5	0.4	0.9	53.2	45.9	99.1	53.7	46.3	100.0
2002-03	Neg.	Neg.	Neg.	52.9	44.7	97.6	52.9	44.7	97.6

Table 3.2.7 (Contd.)

Passenger Traffic at Major Ports

(In '000)

Port/Year	Overseas			Coastal			Total		
	Embarked	Dis-embarked	Total	Embarked	Dis-embarked	Total	Embarked	Dis-embarked	Total
1	2	3	4	5	6	7	8	9	10
2003-04	Neg.	Neg.	Neg.	55.9	49.5	105.4	55.9	49.5	105.4
2004-05	0.6	0.6	1.2	51.2	48.4	99.6	51.8	49.0	100.8
2005-06	0.9	0.2	1.1	49.4	45.8	95.2	50.3	46.0	96.3
2006-07	0.2	0.3	0.5	39.3	30.8	70.1	39.5	31.1	70.6
2007-08	0.1	0.2	0.3	43.1	38.4	81.5	43.2	38.6	81.8
2008-09	0.3	0.2	0.5	44.0	40.7	84.7	44.3	40.9	85.2
2009-10	0.2	0.0	0.2	39.4	36.6	76.0	39.6	36.6	76.2
2010-11	0.3	0.4	0.7	39.3	35.8	75.1	39.6	36.2	75.8
2011-12	0.2	0.2	0.4	42.2	36.1	78.3	42.3	36.4	78.7
2012-13	0.5	0.7	1.2	29.2	27.3	56.5	29.7	28.1	57.8
2013-14	0.0	0.0	0.0	31.8	26.4	58.2	31.8	26.4	58.2
2014-15	0.9	1.0	1.9	31.3	26.6	57.8	32.2	27.6	59.8
2015-16	0.1	0.1	0.2	25.2	22.2	47.4	25.3	22.3	47.7
PARADIP									
2009-10	-	-	-	-	-	-	-	-	-
2010-11	-	-	-	-	-	-	-	-	-
2011-12	-	-	-	-	-	-	-	-	-
2012-13	-	-	-	-	-	-	-	-	-
2013-14	-	-	-	-	-	-	-	-	-
2014-15	-	-	-	-	-	-	-	-	-
2015-16	-	-	-	-	-	-	-	-	-
V.O.CHIDAMBANAR									
2010-11	-	-	-	-	-	-	-	-	-
2011-12	7.6	4.6	12.2	-	-	-	7.6	4.6	12.2
2012-13	-	-	-	-	-	-	-	-	-
2013-14	-	-	-	-	-	-	-	-	-
2014-15	-	-	-	-	-	-	-	-	-
2015-16	-	-	-	-	-	-	-	-	-
VISAKHAPATNAM									
1993-94	-	-	-	4.6	7.4	12.0	4.6	7.4	12.0
1994-95	-	-	-	3.6	4.8	8.4	3.6	4.8	8.4
1995-96	-	-	-	3.7	4.0	7.7	3.7	4.0	7.7
1996-97	-	-	-	6.0	6.9	12.9	6.0	6.9	12.9
1997-98	-	-	-	6.1	5.6	11.7	6.1	5.6	11.7
1998-99	-	-	-	8.8	5.0	13.8	8.8	5.0	13.8
1999-00	-	-	-	5.7	7.5	13.2	5.7	7.5	13.2
2000-01	-	-	-	9.8	7.1	16.9	9.8	7.1	16.9
2001-02	-	-	-	8.6	8.6	17.2	8.6	8.6	17.2
2002-03	-	-	-	11.3	11.7	23.0	11.3	11.7	23.0
2003-04	-	-	-	8.6	9.0	17.6	8.6	9.0	17.6
2004-05	-	-	-	10.1	12.0	22.1	10.1	12.0	22.1
2005-06	-	-	-	8.4	7.8	16.2	8.4	7.8	16.2
2006-07	-	-	-	8.4	8.4	16.8	8.4	8.4	16.8
2007-08	-	-	-	12.2	10.3	22.5	12.2	10.3	22.5
2008-09	-	-	-	11.2	12.8	24.0	11.2	12.8	24.0
2009-10	-	-	-	10.0	11.0	21.0	10.0	11.0	21.0
2010-11	-	-	-	11.4	11.2	22.6	11.4	11.2	22.6
2011-12	-	-	-	13.2	13.3	26.5	13.2	13.3	26.5
2012-13	-	-	-	12.8	13.3	26.2	12.8	13.3	26.2
2013-14	-	-	-	12.7	12.1	24.8	12.7	12.1	24.8
2014-15	-	-	-	12.4	11.3	23.7	12.4	11.3	23.7
2015-16	-	-	-	10.4	9.3	19.7	10.4	9.3	19.7
KOLKATA/HALDIA									
1993-94	-	-	-	22.8	17.5	40.3	22.8	17.5	40.3
1994-95	-	-	-	20.5	18.4	38.9	20.5	18.4	38.9
1995-96	-	-	-	21.7	16.7	38.4	21.7	16.7	38.4
1996-97	-	-	-	24.0	21.8	45.8	24.0	21.8	45.8
1997-98	-	-	-	19.9	15.1	35.0	19.9	15.1	35.0
1998-99	-	-	-	28.0	24.3	52.3	28.0	24.3	52.3
1999-00	-	-	-	26.4	22.6	49.0	26.4	22.6	49.0
2000-01	0.2	0.2	0.4	29.6	27.1	56.7	29.8	27.3	57.1
2001-02	-	-	-	30.0	28.4	58.4	30.0	28.4	58.4
2002-03	-	-	-	25.3	27.4	52.7	25.3	27.4	52.7
2003-04	-	-	-	25.5	30.6	56.1	25.5	30.6	56.1
2004-05	-	-	-	31.7	30.8	62.5	31.7	30.8	62.5
2005-06	-	-	-	34.3	26.0	60.3	34.3	26.0	60.3
2006-07	-	-	-	29.2	21.4	50.6	29.2	21.4	50.6
2007-08	-	-	-	43.5	31.6	75.1	43.5	31.6	75.1
2008-09	-	-	-	30.9	27.2	58.1	30.9	27.2	58.1
2009-10	-	-	-	34.8	32.9	67.7	34.8	32.9	67.7
2010-11	-	-	-	31.2	32.3	63.5	31.2	32.3	63.5
2011-12	-	-	-	27.0	25.3	52.2	27.0	25.3	52.2
2012-13	-	-	-	20.3	20.0	40.3	20.3	20.0	40.3
2013-14	-	-	-	23.0	19.5	42.5	23.0	19.5	42.5
2014-15	-	-	-	23.1	16.5	39.6	23.1	16.5	39.6
2015-16	-	-	-	20.1	15.7	35.8	20.1	15.7	35.8

Table 3.2.7(Contd.)

Passenger Traffic at Major Ports

(In '000)

Port/Year	Overseas			Coastal			Total		
	Embarked	Dis-embarked	Total	Embarked	Dis-embarked	Total	Embarked	Dis-embarked	Total
1	2	3	4	5	6	7	8	9	10
MORMUGAO									
2005-06	...	...	2.6	...	...	26.7	...	...	29.3
2006-07	...	...	11.9	...	...	30.4	...	...	42.3
2007-08	...	...	13.0	...	...	-	...	...	13.0
2008-09	...	...	10.9	...	...	-	...	...	10.9
2009-10	...	...	18.7	...	...	...	...	...	18.7
2010-11	...	...	9.4	...	...	...	0.0	0.2	9.4
2011-12	...	...	19.7	...	...	...	0.2	0.2	19.7
2012-13	...	...	...	...	...	...	0.1	0.2	18.1
2013-14	0.2	0.3	17.4	...	...	...	0.2	0.3	17.4
2014-15	0.3	0.2	21.1	...	...	...	0.3	0.2	21.1
2015-16	0.3	0.3	30.9	...	...	...	0.3	0.3	30.9
NEW MANGALORE									
2008-09	-	0.9	0.9	-	-	-	-	0.9	0.9
2009-10	-	1.9	1.9	-	-	-	-	1.9	1.9
2010-11	-	5.9	5.9	-	-	-	-	5.9	5.9
2011-12	-	7.8	7.8	-	-	-	-	7.8	7.8
2012-13	-	10.2	10.2	-	-	-	-	10.2	10.2
2013-14 *	-	7.2	7.2	-	-	-	-	7.2	7.2
2014-15	-	11.3	11.3	-	-	-	-	11.3	11.3
2015-16	-	19.2	19.2	-	-	-	-	19.2	19.2
ALL MAJOR PORTS									
1993-94	21.0	14.3	35.3	85.8	81.6	167.4	106.8	95.9	202.7
1994-95	15.3	9.9	25.2	102.9	87.5	190.4	118.2	97.4	215.6
1995-96	18.8	14.7	33.5	120.1	112.6	232.7	138.9	127.3	266.2
1996-97	20.9	21.5	42.4	124.3	129.2	253.5	145.2	150.7	295.9
1997-98	11.7	13.1	24.8	118.8	133.6	252.4	130.5	146.7	277.2
1998-99	12.6	20.2	32.8	114.5	118.7	233.2	127.1	138.9	266.0
1999-00	9.5	7.4	16.9	122.9	116.0	238.9	132.4	123.4	255.8
2000-01	12.6	10.8	23.4	107.5	103.4	210.9	120.1	114.2	234.3
2001-02	16.9	18.5	35.4	125.0	114.3	239.3	141.9	132.8	274.7
2002-03	12.6	11.4	24.0	128.9	99.0	227.9	141.5	110.4	251.9
2003-04	6.5	5.5	12.0	135.3	132.5	267.8	141.8	138.0	279.8
2004-05	10.6	10.7	21.3	141.7	138.0	279.7	152.3	148.7	301.0
2005-06	10.9	10.6	21.5	145.1	141.3	286.4	156.0	151.9	311.0
2006-07	11.7	11.7	23.4	184.3	171.0	355.3	196.0	182.7	408.0
2007-08	15.4	14.5	29.9	207.6	193.4	401.0	223.0	207.9	430.9
2008-09	15.4	14.7	30.1	228.5	211.7	440.2	243.9	226.4	483.3
2009-10	21.3	20.3	41.6	139.6	137.7	277.3	160.9	158.0	329.8
2010-11	26.2	26.6	52.8	157.1	162.2	319.3	183.3	189.0	381.5
2011-12	36.2	39.9	76.1	202.6	167.0	369.6	239.1	207.0	465.4
2012-13	40.8	50.2	91.0	153.9	145.1	299.1	194.9	195.6	408.2
2013-14	26.7	33.5	60.2	148.0	142.9	290.9	174.6	176.4	368.0
2014-15	33.4	44.5	77.9	66.7	54.4	121.1	100.1	98.8	219.5
2015-16	33.2	57.1	90.3	144.7	142.7	287.4	177.8	199.8	408.0

(a) : Included in coastal.

Note : There was no Passenger Traffic at Kandla, J. L. Nehru and Kamarajar Ports for the period 1993-94 to 2015-16

Table 3.2.9
Distribution of Revenue And Expenditure at Major Ports

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expen-diture	Port and Dock Charges including Pilotage		Cargo handling and warehousing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Exp.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
KANDLA													
1995-96	20099	7491	5424	3428	7548	1443	0	18	856	508	6271	846	1248
1996-97	25496	9217	6126	4253	8646	1606	0	132	1244	611	9480	1278	1337
1997-98	28813	9793	7497	4858	10178	1788	0	31	1389	653	9749	824	1639
1998-99	34492	13382	10564	4029	11339	1853	0	18	1324	872	11265	4757	1853
1999-00	36985	15493	9839	6823	11304	2301	0	4	1377	1054	14465	2851	2460
2000-01	32660	15595	8413	5098	8087	2317	0	4	1598	1054	14562	4055	3067
2001-02	33724	14484	8565	3704	7975	2432	0	5	1425	1078	15759	3991	3274
2002-03	37440	20233	10399	6753	9040	2671	0	7	1758	1037	16243	6262	3503
2003-04	38783	29721	10124	8151	9444	3013	0	4	1523	1282	17692	13163	4108
2004-05	38601	19258	10630	8354	10489	3402	0	5	2507	1330	14975	1980	4187
2005-06	38612	18611	10702	7937	12867	3609	0	10	1850	1549	13193	1323	4183
2006-07	46644	25019	13431	8609	16629	6330	0	274	3066	1492	13518	3834	4480
2007-08	50577	25868	14310	11098	18142	6892	0	93	1706	1774	16419	1071	4940
2008-09	59171	36840	18917	15497	19814	8297	0	30	2145	2677	18295	4176	6163
2009-10	63406	43239	20692	16497	22509	9335	0	224	1718	2832	18487	7190	7161
2010-11	67664	51516	20168	15751	24378	11856	0	30	4645	2923	18473	13300	7656
2011-12	82238	62186	29075	25583	29332	16303	110	55	3854	2888	19867	8889	8468
2012-13	98293	59327	39531	24627	30044	13289	104	272	8362	3552	20252	7830	9757
2013-14	100804	87490	38544	33129	24659	12494	77	117	11132	4082	26392	27467	10201
2014-15	104828	100133	40393	30299	28575	14737	130	100	19372	4963	16358	38074	11960
2015-16	118940	76728	49720	29527	32048	15663	94	146	16352	4489	20726	14570	12333
MUMBAI													
1995-96	68243	42809	13620	5954	42318	14427	610	1669	1640	2766	10055	11450	6543
1996-97	68852	49660	13362	9973	43570	15598	491	1826	1835	3229	9594	12217	6817
1997-98	68520	51160	16311	9898	40237	16553	496	1801	3594	3608	7882	11637	7663
1998-99	68632	57868	16680	11068	39245	18056	771	1890	4035	3735	7901	14428	8691
1999-00	63379	55038	16276	10751	32683	17642	625	1748	3683	3523	10112	12760	8614
2000-01	56331	93066	15860	13620	27101	20969	312	1784	3146	3876	9912	42984	9833
2001-02	55604	71554	15065	10826	25002	17868	308	1375	3437	3808	11792	29458	8219
2002-03	91344	59958	17007	10122	24315	18305	291	1434	4279	4945	45452	16859	8293
2003-04	49269	65523	15426	10091	26208	18256	299	1540	4106	3608	3230	23265	8763
2004-05	84252	79576	21997	12777	30211	19376	412	1455	4476	3570	27156	33656	8742
2005-06	100233	72119	24198	11555	35369	19665	647	1780	5810	3898	34209	26078	9143
2006-07	115573	97806	26733	12472	40423	21371	1069	2009	7596	4225	39752	47543	10186
2007-08	131262	104956	26032	13573	44466	24090	1109	2124	10208	4852	49447	48231	12086
2008-09	129787	120080	27899	17475	44621	24566	1036	2185	7319	5834	48912	57091	12929
2009-10	131502	129388	34131	17052	44523	29628	731	2670	10129	6599	41988	57366	16073
2010-11	143686	147982	35667	17322	55402	45705	948	2795	10788	6324	40881	54200	21636
2011-12	158156	168092	37778	17884	58417	48392	1468	3024	11965	6686	48528	68624	23482
2012-13	167959	195725	47741	19670	62694	57516	1181	3332	11118	7471	45225	80166	27570
2013-14	171248	207318	49721	22017	61885	58865	1326	3397	23528	7143	34788	90361	25535
2014-15	162641	185324	50066	21474	60727	48914	1478	2799	27707	7375	22663	78514	26248
2015-16	163192	210427	53105	22606	68644	46491	1012	2382	25077	7924	15354	102859	28165

Table 3.2.9

Distribution of Revenue And Expenditure at Major Ports

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expen-diture	Port and Dock Charges including Pilotage		Cargo handling and ware-housing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Exp.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
JAWAHARLAL NEHRU													
1995-96	27883	15341	3579	1201	18390	7925	0	102	1398	728	4516	3777	1608
1996-97	31749	17497	4252	1779	18519	9234	0	119	1836	969	7142	3514	1882
1997-98	41731	21256	5618	2517	23466	11413	0	124	2919	1047	9728	4286	1869
1998-99	48231	24685	7492	3034	27586	12007	0	124	3231	1212	9922	5998	2310
1999-00	47529	34224	9225	5604	23413	12737	0	124	4115	1290	10776	11489	2980
2000-01	44317	34196	10192	4007	17643	13154	0	121	4786	930	11696	13084	2900
2001-02	50377	39079	13364	4135	20860	13760	0	121	4443	1048	11710	16895	3120
2002-03	55322	37388	16089	3584	23527	13548	0	121	4509	1029	11197	16157	2949
2003-04	64779	38573	17662	4136	31512	14225	0	121	4757	1298	10848	15167	3626
2004-05	71050	37439	15447	4588	33094	16128	0	122	4754	1602	17755	11494	3505
2005-06	65025	32226	14477	4782	33173	13173	0	121	4679	3000	10122	6837	4313
2006-07	91047	34132	15837	5568	35045	14041	0	121	5272	2231	34893	7596	4575
2007-08	63075	31758	11921	6213	32203	12594	0	121	5674	2768	13277	3274	6788
2008-09	68488	40549	14114	7613	28024	13415	0	121	6612	2986	19738	7528	8886
2009-10	62107	37341	16017	8436	21984	14426	0	121	6413	3280	17693	2576	8502
2010-11	65408	44997	16231	8741	25957	15448	0	121	6583	4329	16637	5753	10605
2011-12	83500	51599	16673	8284	28648	18557	0	121	7725	4195	30454	7911	12531
2012-13	91420	69541	18264	8726	32546	24416	0	121	814	7098	39796	15639	13541
2013-14	99029	86841	20759	8869	33739	26796	0	121	9288	4340	35243	31963	14752
2014-15	108637	89105	26223	11007	42622	28498	0	121	9659	5274	30133	29387	14818
2015-16	125872	75724	33943	16260	49718	27168	0	121	10251	2917	31960	13211	16047
MORMUGAO													
1995-96	9867	7931	2198	2476	5454	1967	0	116	358	67	1857	1557	1748
1996-97	11055	8912	2263	2055	6287	2616	0	112	485	94	2020	2060	1975
1997-98	13317	10297	2522	2303	8188	3525	4	139	345	235	2258	1954	2141
1998-99	14849	12575	2884	2748	8460	4297	181	136	567	280	2757	2529	2585
1999-00	16046	13702	3100	3022	8993	3977	389	222	966	272	2598	3286	2923
2000-01	21474	19254	3789	3474	10914	5761	533	337	957	311	5281	5091	4280
2001-02	19696	18923	4633	3752	12060	4784	839	401	1225	366	939	5650	3970
2002-03	19483	17147	4803	3628	12217	4378	806	321	933	515	724	4315	3990
2003-04	21516	18779	5372	3780	14055	4940	661	264	681	522	747	5306	3967
2004-05	22072	19807	5402	3567	14317	5230	893	394	953	459	507	5869	4288
2005-06	22925	18196	5500	3649	14352	5509	1001	420	1253	369	819	3960	4289
2006-07	27187	23141	6346	3583	16204	6394	1712	473	1532	381	1393	7118	5192
2007-08	26802	22817	6280	4626	15531	6887	2015	477	925	538	2051	4355	5934
2008-09	29696	28562	7401	5574	17245	7614	2089	567	815	602	2146	6585	7620
2009-10	34610	32303	9063	6288	20556	9869	2233	610	831	544	1927	8779	6213
2010-11	38586	33088	10055	6007	22829	10870	3095	661	1207	772	1400	8916	5862
2011-12	37773	35337	10311	6823	20569	11330	3882	784	1159	798	1852	9447	6155
2012-13	24610	35365	6534	7287	9775	10470	4512	961	1367	855	2422	9388	6404
2013-14	21775	32343	8689	6477	6008	9615	5211	1112	1239	699	628	8235	6205
2014-15	29858	33231	11360	8288	8958	9644	6838	929	1519	738	1183	8536	5096
2015-16	35407	34838	13305	7706	9761	8757	9511	1679	1707	805	1123	10916	4975

Table 3.2.9

Distribution of Revenue And Expenditure at Major Ports

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expen-diture	Port and Dock Charges including Pilotage		Cargo handling and warehousing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Exp.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
NEW MANGALORE													
1995-96	6672	4615	1398	2204	3291	637	13	13	759	112	1211	592	1057
1996-97	13422	9275	2355	2819	8831	1443	12	35	649	119	1575	3469	1390
1997-98	17852	10938	3085	3789	11264	1597	25	36	1122	138	2356	3744	1634
1998-99	16924	13009	3603	4390	10950	1801	22	23	917	180	1432	4758	1857
1999-00	18600	13028	3742	4880	12315	2053	13	28	1040	198	1490	3568	2301
2000-01	19173	14884	3415	5759	12961	2312	13	29	1145	213	1639	3904	2667
2001-02	20714	15745	3593	5685	14472	2425	27	32	1341	219	1281	4944	2440
2002-03	21505	15981	4652	4338	14272	2680	15	32	1302	198	1264	6378	2355
2003-04	23803	17863	5550	5171	15490	2968	16	30	1360	208	1387	7052	2434
2004-05	28835	21037	6547	4271	18491	3791	40	48	1693	271	2064	10223	2433
2005-06	28217	13849	6657	5167	16782	3931	87	43	1946	276	2745	1838	2594
2006-07	27987	17071	6136	5313	17156	4426	159	55	2148	312	2388	4135	2830
2007-08	30877	18181	6374	5337	18098	4983	354	125	2284	403	3767	4194	3139
2008-09	35398	20598	7045	5149	19906	5922	463	111	2685	391	5299	5403	3622
2009-10	36317	23452	6844	6933	21374	6040	536	94	3090	505	4473	5126	4754
2010-11	35317	24490	6258	7845	20595	5280	316	110	3621	568	4527	5731	4956
2011-12	43242	26586	7192	7864	24657	5522	303	116	5073	681	6017	6928	5475
2012-13	43107	27983	8872	7697	20530	6008	413	93	5709	709	8645	7674	5802
2013-14	40681	27979	12178	8499	19920	7129	477	83	3937	799	4169	4403	7066
2014-15	43990	30896	12889	10246	19020	6794	490	115	6967	855	4624	6020	6866
2015-16	41776	30057	14074	10111	17347	6201	290	109	4760	814	5305	5267	7555
COCHIN													
1995-96	12493	13058	2934	3470	7132	1984	0	29	643	334	1784	4894	2347
1996-97	15866	13601	3456	4107	9456	2059	0	29	864	321	2090	4143	2942
1997-98	17748	13241	4034	4903	10490	2193	0	22	1021	427	2203	2115	3581
1998-99	19560	16435	4386	5778	10735	2710	0	25	1169	592	3270	3486	3844
1999-00	20355	20084	5324	6144	11354	3628	0	31	1363	476	2314	5358	4447
2000-01	20597	23972	5367	5262	11295	4530	0	40	1698	490	2237	8626	5024
2001-02	20144	23946	5989	6141	10810	4411	0	18	1907	456	1438	8073	4847
2002-03	21597	19657	5947	5618	11991	3806	0	14	2130	427	1529	4936	4856
2003-04	21746	19612	5702	4971	12316	3868	0	0	2128	453	1600	5424	4896
2004-05	22060	21696	5668	5117	12817	3903	0	0	2263	456	1312	7071	5149
2005-06	21684	18724	5988	4976	10193	2764	0	0	3714	616	1789	5220	5148
2006-07	23335	20670	6299	6107	10515	2761	0	0	4393	618	2128	5913	5271
2007-08	24756	24307	6933	8391	10821	3172	0	0	4240	750	2762	6186	5808
2008-09	22979	24454	8010	9281	7795	2904	0	0	5036	716	2138	4907	6646
2009-10	25130	34057	9061	10634	8825	3808	0	0	5321	796	1923	10762	8057
2010-11	31177	39783	11521	13542	9228	4110	0	0	6859	979	3569	12335	8817
2011-12	34220	42612	12786	11990	11544	4987	0	0	6380	1245	3510	14398	9992
2012-13	44604	51119	12426	18370	11918	5422	0	0	6818	1905	13442	14380	11042
2013-14	45858	56647	15339	18998	12872	5985	0	0	8043	1979	9604	18369	11316
2014-15	44702	51905	15381	18046	14110	5579	0	0	9091	2007	6120	15279	10994
2015-16	51035	55087	20118	17814	14722	5524	0	0	8885	2169	7310	18452	11128

Table 3.2.9

Distribution of Revenue And Expenditure at Major Ports

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expen-diture	Port and Dock Charges including Pilotage		Cargo handling and warehousing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Exp.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
V.O. CHIDAMARANAR													
1995-96	5979	3634	1613	875	3542	737	9	50	241	231	574	816	925
1996-97	6709	4063	1885	931	3710	790	57	58	232	247	825	939	1098
1997-98	8649	5025	2271	1193	4676	915	93	129	479	259	1130	1314	1215
1998-99	9594	5957	2710	1308	5194	999	119	205	520	402	1051	1493	1550
1999-00	10217	6528	2920	1560	4981	1156	136	137	977	460	1203	1303	1912
2000-01	13128	9390	4637	1952	5796	1195	154	165	870	594	1671	3378	2106
2001-02	13538	9489	4983	1980	5647	1089	189	163	886	666	1833	3680	1911
2002-03	14474	9418	5500	2240	5641	1102	265	158	1053	675	2015	3319	1924
2003-04	11994	9428	2325	2668	6136	1113	189	165	812	613	2532	2950	1919
2004-05	16335	9416	5942	2581	7043	1065	181	208	613	208	2556	2979	2375
2005-06	18158	9119	6692	2437	8474	1092	190	195	543	209	2254	2962	2224
2006-07	21173	9829	7769	2900	9689	1082	276	190	567	198	2872	2932	2527
2007-08	22504	10944	7006	3011	11648	1245	277	331	604	225	2969	3468	2664
2008-09	25821	13476	7358	4351	13474	1579	349	270	792	172	3848	3628	3476
2009-10	28298	15381	8010	4522	14586	1799	356	533	818	386	4528	3520	4621
2010-11	31273	16377	7917	4407	16846	2057	202	348	1140	390	5168	4408	4767
2011-12	33861	18559	9818	5323	19916	2429	197	394	1136	636	2794	4565	5212
2012-13	40921	28002	10101	6256	25066	8207	139	445	1096	464	4519	6899	5731
2013-14	42410	30000	11099	6607	25014	7439	160	900	1434	1378	4703	6860	6816
2014-15	57599	32375	12731	5601	30997	8696	361	404	2595	1183	10915	9469	7022
2015-16	62338	37477	13790	5333	37416	8273	401	370	3493	1844	7238	13523	8134
CHENNAI													
1995-96	33879	20365	6826	2850	16313	6173	1987	1138	387	170	8366	5175	4859
1996-97	38378	20933	7194	3113	17582	6816	2292	1081	328	187	10982	4452	5284
1997-98	41676	24860	7913	3994	18954	7723	2887	1526	381	232	11541	4912	6473
1998-99	43928	26834	8829	4284	19232	8453	3016	1701	337	276	12514	4898	7222
1999-00	45966	31440	8558	6071	21146	9915	3886	1725	314	235	12062	4712	8782
2000-01	47473	43713	7506	6807	24738	12302	4283	2408	522	289	10424	11228	10679
2001-02	62497	41143	6951	6431	22852	10610	3823	1888	353	253	28518	13052	8909
2002-03	44604	31936	8106	5067	20508	10965	4551	2256	381	304	11058	4911	8433
2003-04	41358	33939	10365	4791	23046	10043	3172	1989	273	252	4502	7800	9064
2004-05	47496	35901	11353	5920	25392	10352	3272	1938	347	345	7132	7254	10092
2005-06	52026	36190	11975	5553	26342	11202	3492	2409	1360	434	8857	4895	11697
2006-07	67370	41092	14326	5591	33203	12388	4766	2349	1202	461	13873	6284	14019
2007-08	89040	45914	14696	6396	40568	13699	5074	2716	2471	524	26231	5829	16750
2008-09	85344	58678	16951	6973	43501	16303	4835	2781	1863	564	18194	13127	18930
2009-10	90315	69199	19597	7946	46298	18320	4272	3778	1668	736	18480	15915	22504
2010-11	87577	80770	19111	9384	44532	19458	2868	4099	1881	844	19185	22797	24188
2011-12	84036	81823	17519	9735	41260	17527	2220	3969	1712	786	21325	25343	24463
2012-13	88368	86542	19067	11174	40684	16945	1742	3453	1591	900	25284	27867	26203
2013-14	81175	98553	19724	11085	36978	16700	1984	3677	1346	970	21143	39135	26986
2014-15	92630	90322	23107	9704	43029	16562	2292	3363	1446	789	22756	33840	26064
2015-16	98373	94151	29804	8994	42685	15503	1698	2928	1685	530	22501	37931	28265
KAMARAJAR													
2001-02	3094	6690	18	-	3059	148	-	-	-	-	17	4959	1583
2002-03	7805	7149	@	@	7687	1829	-	-	@	@	118	4889	431
2003-04	8732	9311	@	@	8564	3185	-	-	@	@	168	5535	591
2004-05	9327	8326	@	@	9200	3468	-	-	@	@	127	4153	705
2005-06	9780	8848	@	@	9232	3290	-	-	@	@	548	4897	661
2006-07	11050	7588	@	@	10105	3337	-	-	@	@	946	3481	770
2007-08	14372	3787	@	@	12802	2995	-	-	@	@	1570	6641*	792
2009-10	14553	9685	@	@	14206	9685	-	-	@	@	347	0	0
2010-11	16810	11252	@	@	16728	11252	-	-	@	@	82	0	0
2011-12	25025	15353	-	-	24864	15353	-	-	-	-	161	0	0
2012-13	32570	15233	-	-	32021	15233	-	-	-	-	549	0	0
2013-14	52065	11801	12156	37366	11801	37366	671				1872		
2014-15	59750	15401	13805	41518	15401	41518	1320				3107		
2015-16	64383	29311	14262	6502	45235	5738			2233		2653	17071	

Table 3.2.9

Distribution of Revenue And Expenditure at Major Ports

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expen-diture	Port and Dock Charges including Pilotage		Cargo handling and ware-housing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Exp.
VISAKHAPATNAM													
1995-96	25802	19947	7000	4022	13241	4075	3473	2711	682	810	1406	5269	3060
1996-97	28349	20951	8063	4246	14413	4998	3756	3050	894	817	1223	4280	3560
1997-98	29441	21936	7773	3962	13776	5233	4749	3380	956	1021	2187	4263	4077
1998-99	29307	22424	8454	3416	13590	5895	4414	2847	917	1455	1932	4299	4512
1999-00	38002	35102	9514	4121	15733	6588	4492	2868	967	1542	7296	14949	5034
2000-01	39782	37836	9693	5146	18118	7237	5575	3861	1480	1707	4916	14085	5800
2001-02	43928	39645	12706	5023	19300	7161	5486	2987	2006	1987	4430	17281	5206
2002-03	44161	38404	13776	4766	21157	6705	5914	2917	1909	1621	1405	16636	5759
2003-04	46541	38760	13303	5033	23386	6434	6602	3324	2138	1651	1112	16634	5684
2004-05	51651	50603	14890	5230	26094	6530	7096	3582	2107	1703	1464	28250	5308
2005-06	54289	33725	15894	5630	27357	7323	7462	3889	2133	1729	1443	9415	5739
2006-07	55468	36686	16264	5814	27197	6935	7039	3589	2875	1752	2093	12307	6289
2007-08	59090	47947	17607	6891	28336	7266	8374	3854	2225	1936	2548	20014	7986
2008-09	65087	48588	18766	6878	28772	9850	8853	4428	3582	2568	5114	13601	11263
2009-10	71767	67392	20574	8540	30967	10774	10618	5708	3921	2408	5687	20921	19041
2010-11	81630	64223	22159	8285	36910	12947	10088	6003	4707	2692	7766	23452	10844
2011-12	118133	127672	22956	9379	33997	13228	10431	6589	5658	2897	45091	84036	11543
2012-13	88952	85248	22189	11203	32179	13472	10565	7011	5355	3021	18664	36306	14235
2013-14	94974	91768	25406	12228	36528	15913	11838	9983	6310	3480	14892	34015	16149
2014-15	96221	85884	24880	9754	37579	12996	12174	7457	6351	3446	15237	36501	15730
2015-16	124944	122376	27081	12698	38447	11213	15379	8416	9846	4475	34191	67207	18367
PARADIP													
1995-96	16093	12139	3202	2221	9324	2901	1674	473	949	1031	944	3522	1991
1996-97	17972	13292	3488	2658	9347	3043	1780	557	1656	1116	1701	3381	2537
1997-98	18903	13832	4159	1936	10397	3320	2268	830	849	1555	1230	3500	2691
1998-99	19251	14450	4032	2032	10175	3339	2112	726	960	1888	1972	3109	3356
1999-00	20505	15835	4898	2548	10617	3648	1991	726	936	1781	2063	3501	3631
2000-01	28449	21161	7500	3670	14834	4117	2960	1051	919	2267	2236	6067	3989
2001-02	33217	29932	8214	3587	17403	7668	3309	1549	795	2389	3496	9841	4898
2002-03	40654	32765	8843	3366	25634	8282	2904	2018	740	2520	2533	11586	4993
2003-04	43150	30380	9219	3516	27530	8566	3500	1706	1023	2672	1878	9085	4835
2004-05	49564	35447	10408	4608	31774	9571	3469	1772	1487	2836	2426	11506	5154
2005-06	55259	36127	11851	5188	33880	9737	4583	2356	1037	3715	3908	9930	5201
2006-07	64037	34743	13432	5254	38850	11966	6289	3311	1105	2577	4361	6485	5150
2007-08	67980	34890	13325	6159	41278	12183	8306	4227	1089	2509	3982	3311	6501
2008-09	72486	38734	15044	7727	43711	12839	9001	4267	1014	3615	3716	2916	7370
2009-10	87050	43130	18622	10629	44670	13262	9914	3670	1680	3438	12164	4070	8061
2010-11	85115	43519	17693	9245	41456	13920	9495	4155	1893	3691	14578	4404	8104
2011-12	80984	47679	17731	8997	35100	15057	8715	3276	2392	4963	17046	5913	9473
2012-13	79822	52382	19663	9342	36569	15763	9676	4150	2463	4081	11451	8774	10272
2013-14	106816	72804	26526	15239	48272	18206	13421	4125	3240	4850	15372	17842	12542
2014-15	116043	74313	28937	17613	56412	18634	13451	4361	2813	5026	14430	14541	14138
2015-16	117093	77818	32016	14775	48697	18372	18761	5158	2916	5130	14703	20276	14107

Table 3.2.9

Distribution of Revenue And Expenditure at Major Ports

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expen-diture	Port and Dock Charges including Pilotage		Cargo handling and ware-housing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Exp.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
HALDIA DOCK COMPLEX													
1995-96	27174	18934	9975	5932	12039	2019	1656	875	1442	891	2062	6889	2328
1996-97	35325	22418	14649	9513	13428	2371	2109	965	1735	1009	3404	5807	2753
1997-98	47977	30927	22965	15728	17041	2749	2489	1127	1680	1064	3802	7163	3096
1998-99	68322	57040	43545	36724	16644	3132	2309	1478	1809	1210	4015	10772	3724
1999-00	59944	51750	36169	29979	15647	3434	2532	1534	2390	1438	3206	10897	4468
2000-01	75312	65655	46974	31983	18356	4152	2746	1445	3027	1698	4209	21386	4991
2001-02	95985	79137	62575	35256	22630	4277	3085	1608	3230	1547	4465	31703	4746
2002-03	69454	56779	31839	33273	25967	4414	3711	1586	3529	1401	4408	11427	4678
2003-04	77801	58936	38433	35247	28208	4370	4103	1873	3955	1416	3102	11282	4748
2004-05	80831	57602	39556	33667	29320	4603	3897	1805	4768	1491	3290	11109	4927
2005-06	90332	65283	41177	42830	31966	5221	4382	1905	5685	1638	7122	8404	5285
2006-07	105835	62300	53621	39588	31963	5290	4563	1757	5662	1815	10026	8278	5572
2007-08	103076	59826	58665	35125	30654	6183	5507	2082	5583	1592	2667	8898	5946
2008-09	106196	86784	58049	37022	30868	6908	6345	2985	6478	1951	4456	30386	7582
2009-10	110676	91548	59478	44190	21964	8295	7576	3330	8324	2555	13334	24081	9097
2010-11	73716	92253	20982	42282	29047	9342	8018	3202	8207	2292	7462	25730	9405
2011-12	83596	95623	23606	39842	34099	12121	9396	4081	10187	2353	6308	26785	10441
2012-13	58185	67954	7213	12812	21283	13837	1515	1491	19636	1679	8538	22803	15332
2013-14	86385	119651	28289	47188	24613	11637	8261	3249	11489	2935	13733	41369	13273
2014-15	58869	72867	10069	15108	28167	16593	2492	2076	13129	891	5012	19454	18745
2015-16	97730	121203	39758	46870	33890	14021	11242	3770	10011	2821	2829	39488	14233
KOLKATA DOCK SYSTEM													
1995-96	21680	21455	4886	5554	13180	2915	934	745	1894	246	786	6485	5510
1996-97	23990	22571	4869	5871	14218	3067	891	837	2329	355	1683	6354	6087
1997-98	26104	25807	5638	6403	15514	2933	861	1173	2559	424	1532	8380	6494
1998-99	27863	29543	6553	7747	15941	3154	919	1172	2763	625	1687	9589	7256
1999-00	27500	31330	6991	7938	14999	3379	660	1026	3078	593	1772	10332	8062
2000-01	27484	37895	6262	9432	13859	4207	661	1196	3835	841	2867	13224	8995
2001-02	28053	32863	8063	8561	10793	3771	611	1127	3706	700	4880	10591	8113
2002-03	23266	28816	5681	8210	11981	3596	665	833	3455	506	1484	7703	7968
2003-04	21454	30774	3303	7164	11540	3737	675	668	3697	925	2239	11019	7261
2004-05	22985	30177	2563	6724	11710	3732	932	798	5528	984	2252	10847	7092
2005-06	30673	28657	5118	6724	14258	5698	1132	706	8111	952	2054	7299	7278
2006-07	31658	30875	3436	6707	16553	6852	945	999	8259	1182	2465	7714	7421
2007-08	38843	31773	3927	7032	19172	7563	1165	1024	9282	1175	5297	7380	7599
2008-09	37281	52021	4624	8636	17431	8823	1333	1182	9982	1366	3911	22055	9959
2009-10	41937	55616	5925	12169	19382	11227	1565	1532	11558	1433	3507	17256	11999
2010-11	42885	54062	6009	11915	18533	12056	1379	1563	13221	1831	3743	13814	12883
2011-12	61955	59872	6783	12263	19878	12268	2012	1778	25136	1797	8146	17758	14008
2012-13	136789	170042	32100	56614	48318	24447	9768	4490	30607	4453	15996	52843	27195
2013-14	65318	62460	7854	14692	21426	1614	1651	2024	15996	913	18391	25484	17733
2014-15	58869	72867	10069	15108	28167	16593	2492	2076	13129	891	5012	19454	18745
2015-16	67552	95977	11858	15873	34121	19479	2595	2003	15131	1336	3847	37812	19474

* Operating income excluding Dredging Subsidy Receivable from Govt. of India amounting to Rs. 354.53 Crore Haldia Dock Complex and Rs.72.74Crore Kolkata Dock System on actual basis.

Table 3.2.9

Distribution of Revenue And Expenditure at Major Ports

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expen-diture	Port and Dock Charges including Pilotage		Cargo handling and warehousing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Exp.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
ALL PORTS													
1995-96	275864	187719	62655	40187	151772	47203	10356	7939	11249	7894	39832	51272	33224
1996-97	317163	212390	71962	51318	168007	53641	11388	8801	14087	9074	51719	51894	37662
1997-98	360731	239072	89786	61484	184181	59942	13872	10318	17294	10663	55598	54092	42573
1998-99	400952	294202	119732	86558	189091	65696	13863	10345	18549	12727	59717	70116	48760
1999-00	405028	323554	116556	89441	183185	70458	14724	10173	21206	12862	69357	85006	55614
2000-01	426180	416617	129608	96210	183702	82258	17237	12441	23983	14270	71650	147112	64331
2001-02	480571	422331	154719	95081	192863	80104	17677	11274	24754	14517	90558	160118	61237
2002-03	491109	375631	132642	90965	213937	82281	19122	11697	25978	15178	99430	115378	60132
2003-04	474001	407542	139784	94719	237435	84718	19217	11684	26453	14900	51112	139625	61896
2004-05	545293	435546	160116	98640	259953	91151	20192	12127	31496	15255	73536	154416	63957
2005-06	598130	393691	172358	108072	276819	92208	22976	13834	38126	18385	87851	93437	67755
2006-07	686641	441690	183630	107506	302627	103304	26818	15127	43677	17244	129889	124292	74217
2007-08	717662	468029	187076	113852	320149	110047	32181	17174	46291	19046	131965	121108	86802
2008-09	748785	573615	204178	132176	325267	119020	34304	18927	48323	23442	136713	174834	105216
2009-10	797668	651731	228014	153836	331844	146468	37801	22270	55471	25512	144538	177562	126083
2010-11	800844	704312	193771	154726	362441	174301	36409	23087	64752	27635	143471	194840	129723
2011-12	926719	832993	212228	163967	382281	193074	38734	24187	82377	29925	211099	280597	141243
2012-13	995600	944463	243701	193778	403627	225025	39615	25819	93874	36188	214783	290569	173084
2013-14	1008538	985655	276284	205028	389280	204194	44406	28788	97653	33568	200915	345503	168574
2014-15	1034637	934623	279910	172248	439881	219641	42198	23801	115098	33438	157550	309069	176426
2015-16	1168635	1061174	352834	215069	472731	202403	60983	27082	112347	35254	169740	398583	182783

Source : Major Ports

Table 3.2.10
Operating Financial Parameters for Major Ports

(Rs. In Lakh)

Item/Year	Kandla	Mumbai	J.L. Nehru	Mormu-gao	N.Manga-lore	Cochin	V. O. Chidambaranar	Chennai	Kamarajar	Visakha-patnam	Paradip	Haldia Dock Complex	Kolkata Dock System	All Ports
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Operating Income														
1985-86	3780	16351	-	3780	1314	3073	1378	9118		6909	2640	5177	8490	62010
1995-96	13828	58188	23367	8010	5461	10709	5405	25513	-	24396	15149	25112	20894	236032
1996-97	16016	59258	24607	9035	11847	13776	5884	27396	-	27126	16271	31921	22307	265444
1997-98	19064	60638	32003	11059	15496	15545	7519	30135	-	27254	17673	44175	24572	305133
1998-99	23227	60731	38309	12092	15492	16290	8543	31414	-	27375	17279	64307	26176	341235
1999-00	22520	53267	36753	13448	17110	18041	9014	33904	-	30706	18442	56738	25728	335671
2000-01	18098	46419	32621	16193	17534	18360	11457	37049	-	34866	26213	71103	24617	354530
2001-02	17965	43812	38667	18757	19433	18706	11705	33979	3077	39498	29721	91520	23173	390013
2002-03	21197	45892	44125	18759	20241	20068	12459	33546	7687	42756	38121	65046	21782	391679
2003-04	21091	46039	53931	20769	22416	20146	12462	36856	8564	45429	41272	74699	19215	422889
2004-05	23626	57096	63009	21565	26771	20748	13779	40364	9200	50187	47138	77541	20733	471757
2005-06	25419	66024	67032	22106	25472	19895	15904	43169	9232	52846	51351	83210	28619	510279
2006-07	33126	75791	80279	25794	25598	21208	18301	53497	10104	53375	59676	95809	31386	583944
2007-08	34157	81815	89082	24751	27109	22009	19535	62809	12802	56542	63998	100409	36213	631231
2008-09	40876	80875	96506	27549	30099	20840	21973	67149	13776	59973	69671	101739	36477	667503
2009-10	44919	89514	104206	32683	31845	23208	24040	71835	14266	66080	74887	97342	45078	719903
2010-11	49191	95500	112263	37186	30791	27608	26106	68391	16731	73864	70538	103530	45985	757684
2011-12	62371	102305	116715	35920	37226	30710	30767	62711	24865	72642	63939	98259	56606	795036
2012-13	78041	115444	108511	22187	33462	31161	36402	63084	32571	70288	68373	79815	50409	789748
2013-14	74412	130488	134529	21147	36512	36254	37708	60033	52066	80082	91460	104325	53165	921218
2014-15	88469	139978	150808	28675	39366	38582	46684	69875	56644	80985	101615	117662	59697	1019040
2015-16	98214	147818	166510	34285	36471	43725	55099	75871	61731	90753	102390	108861	77300	1099028
Operating Expenditure														
1995-96	6645	31359	11564	6374	4023	8164	2818	15190	-	14678	8617	12045	14970	136447
1996-97	7939	37443	13983	6852	5806	9458	3124	16481	-	16671	9911	16611	16217	160496
1997-98	8969	39523	16970	8343	7194	11126	3711	19948	-	17673	10332	23764	17427	184980
1998-99	8625	43440	18687	10046	8251	12949	4464	21936	-	18125	11341	46268	19954	224086
1999-00	12642	42278	22735	10416	9460	14726	5225	26728	-	20153	12334	40853	20998	238548
2000-01	11540	50082	21112	14163	10980	15346	6012	32485	-	23751	15094	44269	24671	269505
2001-02	10493	42096	22185	13273	10801	15573	5809	28091	1731	22364	20091	47434	22272	262213
2002-03	13971	43099	21231	12832	9603	14721	6099	27025	2260	21768	21179	45352	21113	260253
2003-04	16558	42258	23406	13473	10811	14188	6478	26139	3776	22126	21295	47654	19755	267917
2004-05	17278	45920	27181	13938	10814	14625	6437	28647	4173	22353	23941	46493	19330	281130
2005-06	17288	46041	27033	14230	12011	13504	6157	31295	3951	24310	26197	56879	21358	300254
2006-07	21186	50263	28795	16022	12936	14757	6897	34808	4107	24379	28260	54022	23161	319593
2007-08	24797	56725	31379	18463	13987	18120	7476	40085	3788	27933	25078	50929	24392	343152
2008-09	32646	62989	37537	21978	15194	19546	9847	45551	3533	34987	35817	56448	29966	406039
2009-10	36048	72022	39370	23525	18326	23295	11861	53284	3084	46471	39060	67437	38360	472143
2010-11	38216	77500	44445	24172	18759	27449	11969	57973	3263	40771	39115	66523	40248	490403
2011-12	50598	82147	49963	25889	19658	28214	19469	56480	4423	43636	41766	68828	42125	533196
2012-13	51497	94509	59834	25976	20308	36739	21102	58675	4496	48942	44111	72021	45178	583388
2013-14	60022	96582	61103	24108	23576	38278	23141	59417	5710	57755	54965	78283	51502	634442
2014-15	62059	106810	67151	24695	24875	36627	22913	56481	5878	49384	59775	85476	53414	655538
2015-16	62158	107569	69312	23923	24791	36635	23954	56220	10304	55169	57542	79997	59885	667459

Table 3.2.10 (Contd...)

Operating Financial Parameters for Major Ports

(Rs. In Lakh)

Item/Year	Kandla	Mumbai	J.L. Nehru	Mormu-gao	N.Manga-lore	Cochin	Tuticorin	Chennai	Ennore	Visakha-patnam	Paradip	Haldia Dock Complex	Kolkata Dock System	All Ports
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Operating Surplus														
1985-86	1825	5708	-	1398	273	340	549	4047	-	2305	30	1560	(-)266	17769
1995-96	7183	26829	11803	1636	1438	2545	2587	10323	-	9718	6532	13067	5924	99585
1996-97	8077	21815	10624	2183	6041	4318	2760	10915	-	10455	6360	15310	6090	104948
1997-98	10095	21115	15033	2716	8302	4419	3808	10187	-	9581	7341	20411	7145	120153
1998-99	14602	17291	19622	2046	7241	3341	4079	9478	-	9250	5938	18039	6222	117149
1999-00	9878	10989	14018	3032	7650	3315	3789	7176	-	10553	6108	15885	4730	97123
2000-01	6558	(-)3663	11509	2030	6554	3014	5445	4564	-	11115	11119	26834	(-)54	85025
2001-02	7472	1716	16482	5484	8632	3133	5896	5888	1346	17134	9630	44086	901	127800
2002-03	7226	2793	22894	5927	10638	5347	6360	6521	5427	20988	16942	19694	669	131426
2003-04	4533	3781	30525	7296	11605	5958	5984	10717	4788	23303	19977	27045	(-)540	154972
2004-05	6348	11176	35828	7627	15957	6123	7342	11717	5027	27834	23197	31048	1403	190627
2005-06	8131	19983	39999	7876	13461	6391	9747	11874	5281	28536	25154	26331	7261	210025
2006-07	11940	25528	51484	9772	12662	6450	11404	18689	7103	28996	31416	41787	8225	265456
2007-08	9360	25090	57703	6288	13122	3889	12059	22724	9014	28609	38920	49480	11821	288079
2008-09	8230	17886	58969	5571	14905	1294	12126	21598	10243	24986	33854	45291	6511	261464
2009-10	8230	17886	58969	5571	14905	(-)87	12126	21598	10243	24986	33854	45291	6511	261464
2009-10	4828	8853	57136	4024	11773	(-)87	10112	13865	10692	13502	30611	34302	-1883	195360
2010-11	10975	18000	67818	13014	12032	(-)87	14137	10418	13468	33093	31423	37007	5737	267281
2011-12	11773	20158	66752	10031	17568	(-)88	11298	6231	20442	29006	22173	29431	14481	261840
2012-13	26544	20935	48677	-3789	13154	-5778	15300	4409	28075	21346	24262	7794	5231	206360
2013-14	14390	33906	73426	-2961	12936	-2024	14567	616	46356	22327	36495	26042	1663	277739
2014-15	26410	33168	83657	3980	14491	1955	23771	13394	50766	31601	41840	32186	6283	363502
2015-16	36056	40249	97198	10362	11680	7090	31145	19651	51427	35584	44848	28864	17415	431569
Net Surplus (before tax)														
1995-96	12608	25434	12542	1936	2057	(-)565	2345	13514	-	5855	3954	8240	225	88145
1996-97	16279	19192	14252	2143	4147	2265	2646	17445	-	7398	4680	12907	1419	104773
1997-98	19020	17360	20475	3020	6914	4507	3624	16816	-	7505	5071	17050	297	121659
1998-99	21110	10764	23545	2274	3915	3125	3637	17094	-	6883	4801	11282	(-)1680	106750
1999-00	21492	8341	13305	2344	5572	271	3689	14526	-	2900	4670	8194	(-)3830	81474
2000-01	17065	(-)36735	10121	2220	4289	(-)3375	3738	3760	-	1946	7288	9657	(-)10411	9563
2001-02	19240	(-)15950	11297	773	4969	(-)3502	4049	21354	(-)3596	4283	3285	16848	(-)4810	58240
2002-03	17207	31386	17935	2336	5524	1940	5056	12668	656	5757	7889	12675	(-)5550	115478
2003-04	9062	(-)16254	26206	2737	5940	2134	5566	7419	(-)579	7781	12770	18865	(-)9320	66459
2004-05	19343	4676	33613	2265	7798	364	6919	11595	1001	1048	14117	23229	(-)7192	109747
2005-06	20001	28320	43716	4735	14368	2960	9039	15836	932	20564	19132	25049	2016	204439
2006-07	21624	18698	56915	4047	10916	2666	11345	26279	3462	18782	29292	43535	2976	250537
2007-08	24709	26796	67759	3985	12696	449	11560	43126	3943	11144	33090	43250	9737	292244
2008-09	22349	10749	71230	1133	14801	(-)1475	12346	26666	5224	16499	34654	19411	(-)13761	235062
2009-10	20168	2999	78337	2306	12866	(-)8926	13187	21115	5893	4375	43922	19158	(-)7030	224326
2010-11	16148	13995	78667	5499	10826	(-)8608	14897	6806	6986	17408	41595	18740	(-)4335	231567
2011-12	22751	7666	89295	2436	16657	(-)8392	14703	2213	12078	-9939	33306	8944	4880	204990
2012-13	38966	(-)4283	73017	(-)10755	15126	(-)6515	12922	1827	21674	3704	26939	(-)20788	(-)9034	194175
2013-14	13315	(-)9759	76706	(-)10568	12701	(-)10790	14355	1738	40020	3204	34010	(-)1594	(-)5430	196049
2014-15	46935	-20984	84242	-3373	13094	(-)7204	21900	2309	42582	10337	41729	-1312	-5534	231925
2015-16	42212	-44988	109162	-78463	11718	-4052	18142	4221	44588	2568	39274	-2439	-21905	120038

Table 3.2.11

Operating Ratio for Major Ports

(In Percentage)

Item/Year	Kandla	Mumbai	J.L. Nehru	Mormu-gao	N.Manga-lore	Cochin	V. O. Chidambaranar	Chennai	Kamarajar	Visakha- patnam	Paradip	Haldia Dock Complex	Kolkata Dock System	All Ports
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1994-95	46.32	63.27	56.88	71.34	63.17	75.87	72.07	57.31	-	62.35	56.20	56.12	74.98	61.79
1995-96	48.05	53.89	49.49	79.58	73.67	76.23	52.14	59.54	-	60.16	56.88	47.96	71.65	57.81
1996-97	49.57	63.19	56.82	75.84	49.00	68.65	53.09	60.16	-	61.46	60.91	52.04	72.70	60.46
1997-98	47.05	65.18	53.03	75.44	46.42	71.57	49.35	66.20	-	64.84	58.46	53.80	70.92	60.62
1998-99	37.13	71.53	48.78	83.08	53.26	79.49	52.25	69.83	-	66.21	65.63	71.95	76.23	65.67
1999-00	56.14	79.37	61.86	77.45	55.29	81.63	57.97	78.83	-	65.63	66.88	72.00	81.61	71.07
2000-01	63.76	107.89	64.72	87.46	62.62	83.58	52.47	87.68	-	68.12	57.58	62.26	100.22	76.02
2001-02	58.41	96.08	57.37	70.76	55.58	83.25	49.63	82.67	56.26	56.62	67.60	51.83	96.11	67.23
2002-03	65.91	93.91	48.12	68.40	47.44	73.35	48.95	80.56	29.40	50.91	55.56	69.72	96.93	66.45
2003-04	78.50	91.79	43.38	64.87	48.23	70.42	51.98	70.92	44.09	48.70	51.60	63.75	102.81	63.35
2004-05	73.13	80.43	43.14	64.63	40.39	70.49	46.72	70.97	45.36	44.54	50.79	59.96	93.23	59.59
2005-06	68.01	69.73	40.33	64.37	47.15	67.88	38.71	72.49	42.80	46.00	51.02	68.36	74.63	58.84
2006-07	63.95	66.33	35.87	62.11	50.53	69.59	37.68	65.07	29.71	45.67	47.36	56.38	73.79	54.38
2007-08	72.60	61.21	35.22	57.22	51.60	69.73	30.78	63.82	17.65	49.40	49.34	44.09	68.13	42.70
2008-09	79.87	77.88	38.90	79.77	50.48	93.79	44.81	67.84	25.65	58.34	51.41	55.48	82.15	60.83
2009-10	80.25	80.46	37.78	71.98	57.55	100.37	49.34	74.18	21.62	70.33	52.16	69.28	85.10	65.58
2010-11	77.69	81.21	39.59	65.00	60.92	99.42	45.85	84.77	19.50	55.20	55.45	59.93	87.52	65.75
2011-12	81.12	80.30	42.81	72.07	52.81	91.87	46.48	90.06	17.67	60.07	65.32	70.06	74.4	66.40
2012-13	65.99	81.87	55.44	117.08	58.93	117.9	57.97	93.01	13.8	69.63	64.62	97.57	89.62	74.36
2013-14	80.66	74.02	45.42	114.00	64.57	105.58	61.37	98.97	10.97	74.87	60.10	75.04	96.87	69.79
2014-15	70.15	76.30	45.82	86.12	64.22	94.93	49.08	80.83	10.38	71.35	59.68	72.65	89.48	65.59
2015-16	63.29	72.77	41.63	69.78	67.97	83.79	43.47	74.10	16.69	60.79	56.20	73.49	77.47	60.73

**Table
3.2.12**

Employment of Manpower at Major Ports as on 31st March (2006-2016)

(In Numbers)

PORT	Year										
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
1	2	3	4	5	6	7	8	9	10	11	12
KPT	3506	3414	4237	4149	4008	3774	4500	4221	3299	3112	2883
MbPT(a)	19682	14935	14481	14296	14059	13391	16379	15358	12017	10897	9969
JNPT	1778	1766	1763	1746	1739	1730	1718	1706	1697	1669	1638
MoPT	3135(a)	3082	3018	2967	2891	2817	2665	2538	2330	2194	2068
NMPT(c)	1908	1832	1770	1819	1719	1636	1544	1435	1332	1255	1125
CoPT(a)	3849	4823	4306	4103	3948	3749	3005	2766	2530	2308	2067
VOC(b)	2574	2407	2259	2224	2191	2079	1954	1813	1646	1496	1366
ChPT	8582(a)	9755	9065	8117	8020	7774	7511	6582	5991	5733	5502
EPL	20	45	59	65	86	88	94	100	102	102	102
VPT	5216	5208	5069	5052	4877	4584	4189	4941	4703	4596	4158
PPT	3158	3013	2910	2851	2761	2634	2437	2234	2015	1771	1454
KDS	6530	6138	5925	5869	5675	5374	5068	4828	4503	4150	3792
HDC	3964	3793	3694	3620	3498	3304	3111	2887	2678	2454	2193
ALL MAJOR PORTS	63903	60211	58556	56878	55472	52934	54175	51409	44843	41737	38317

(a) DLB merged with Port.

(b) Includes workers of cargo handling Labour Pool(TPTCHLP)..

(c) Includes workers of New Mangalore Port Cargo Handling workers (Regulation of Employment) Scheme,1990.

Table 3.2.13**Number of Dock Workers Registered With DLB'S of Major Ports
[As on 31st March,2006-2016]****(In Numbers)**

PORT											
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
1	2	3	4	5	6	7	8	9	10	11	12
KPT	708	646	(a)	(a)	(a)	789	(a)	(a)	(a)	(a)	593
MbPT	(a)	(a)	(a)	(a)	(a)	2586	(a)	(a)	(a)	(a)	1946
MoPT	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
CoPT	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
ChPT	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
VPT	996	966	925	-	978	859	874	846	892	868	829
KDS	431	290	195	177	140	100	215	181	173	154	137
TOTAL	2135	1902	1120	177	1118	4334	1089	1027	1065	1022	3505

(a) Dock Labour Board merged with Port Trust.

**Table
3.2.14****Number of Dock Workers Registered Listed With Major Ports
[As on 31st March,2006-2016]****(In Numbers)**

PORT											
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
1	2	3	4	5	6	7	8	9	10	11	12
ChPT	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
VPT	152	159	139	-	-	-	-	-	-	-	-
TOTAL	152	159	139	-	-	-	-	-	-	-	-

(a) DLB merged with Port.

Table 3.3.1

**Trend in Cargo Traffic Handled At Non-Major Ports
State-Wise**

(In'000 Tonnes)

States/ U.T.	Overseas			Coastal			Overseas & Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
GUJARAT									
2005-06	56207	26480	82687	9675	11165	20840	65882	37645	103527
2006-07	77431	21579	99010	9150	23105	32255	86581	44684	131265
2007-08	93761	40210	133971	8675	7875	16550	102436	48085	150521
2008-09	99713	34717	134430	10921	7460	18381	110634	42177	152811
2009-10*	129885	42967	172852	15242	17489	32731	145127	60456	205583
2010-11#	136606	59900	196506	16896	17505	34401	153502	77405	230907
2011-12&	157742	63572	221314	17749	19987	37736	175491	83559	259050
2012-13\$	185321	66824	252145	17747	17925	35672	203068	84749	287817
2013-14 a	207152	76215	283367	19898	6680	26578	227050	82895	309945
2014-15 b	223090	81735	304825	16437	14833	31270	239527	96568	336095
2015-16	223393	83215	306608	15449	17721	33170	238842	100936	339778
MAHARASHTRA									
2005-06	4519	1086	5605	4901	650	5551	9420	1736	11156
2006-07	4441	765	5206	5952	422	6374	10393	1187	11580
2007-08	3840	1520	5360	5686	317	6003	9526	1837	11363
2008-09	2893	2376	5269	4813	334	5147	7706	2710	10416
2009-10	4971	646	5617	6092	337	6429	11063	983	12046
2010-11	4730	2411	7141	7539	195	7734	12269	2606	14875
2011-12	9196	3421	12617	7102	228	7330	16298	3649	19947
2012-13	11630	3131	14761	8759	678	9437	20389	3809	24198
2013-14	13987	2613	16600	7912	152	8064	21899	2765	24664
2014-15	15900	2623	18523	7050	1722	8772	22950	4345	27295
2015-16	18748	2319	21067	5726	2056	7782	24474	4375	28849
GOA									
2005-06	333	11345	11678	-	84	84	333	11429	11762
2006-07	279	13992	14271	-	35	35	279	14027	14306
2007-08	89	12657	12746	-	79	79	89	12736	12825
2008-09	-	11900	11900	-	1	1	0	11901	11901
2009-10	218	13679	13897	-	-	-	218	13679	13897
2010-11	96	14468	14564	17	-	17	113	14468	14581
2011-12	165	14305	14470	-	-	-	165	14305	14470
2012-13	113	3276	3389	-	-	-	113	3276	3389
2013-14	284	-	284	-	-	-	284	-	284
2014-15	412	347	759	1	-	1	413	347	760
2015-16	170	260	430	-	-	-	170	260	430
ANDHRA PRADESH									
2005-06	8130	6134	14264	688	2722	3410	8818	8856	17674
2006-07	8267	6882	15149	686	2774	3460	8953	9656	18609
2007-08	8900	7151	16051	533	2706	3239	9433	9857	19290
2008-09	14689	11882	26571	898	2251	3149	15587	14133	29720
2009-10	22546	17781	40327	1441	1922	3363	23987	19703	43690
2010-11	28663	11523	40186	1337	1744	3081	30000	13267	43267
2011-12	31364	8558	39922	2208	3503	5711	33572	12061	45633
2012-13	36643	9357	46000	3960	1851	5811	40603	11208	51811
2013-14	41766	10090	51856	4801	2035	6836	46567	12125	58692
2014-15	66586	7503	74089	6371	2958	9329	72957	10461	83418
2015-16	54774	7730	62504	8405	1824	10229	63179	9554	72733

* : Container cargo is included in Overseas*Unloaded* (144.15 Lakh tonnes) # : Container cargo is included in Overseas (Un 94.28 Lakh tonnes & L 104.38 Lakh tonnes)

& : Container cargo is included in Overseas (Unloaded 120.90 Lakh tonnes & Loaded 129.79 Lakh tonnes)

\$: Container cargo is included in Overseas (Unloaded 116.54 Lakh tonnes & Loaded 129.64 Lakh tonnes)

a : Container cargo is included in Overseas (Unloaded 179.71 Lakh tonnes & Loaded 190.72 Lakh tonnes)

b : Container cargo is included in Overseas (Unloaded 219.84 Lakh tonnes & Loaded 216.93 Lakh tonnes)

Table 3.3.1 (Contd...)

Trend in Cargo Traffic Handled At Non-Major Ports

State-Wise

(In'000 Tonnes)

States/ U.T.	Overseas			Coastal			Overseas & Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
KARNATAKA									
2005-06	188	3585	3773	161	183	344	349	3768	4117
2006-07	161	6090	6251	194	116	310	355	6206	6561
2007-08	66	8613	8679	132	88	220	198	8701	8899
2008-09	55	4796	4851	27	90	117	82	4886	4968
2009-10	120	8186	8306	171	70	241	291	8256	8547
2010-11	86	2778	2864	99	132	231	185	2910	3095
2011-12	82	353	435	85	72	157	167	425	592
2012-13	216	225	441	80	89	169	296	314	610
2013-14	287	117	404	103	2	105	390	119	509
2014-15	252	188	440	96	115	211	348	303	651
2015-16	285	268	553	172	110	282	457	378	835
KERALA									
2005-06	37	13	50	47	38	85	84	51	135
2006-07	46	-	46	65	61	126	111	61	172
2007-08	-	11	11	17	76	93	17	87	104
2008-09	-	21	21	48	62	110	48	83	131
2009-10	-	14	14	34	71	105	34	85	119
2010-11	1	8	9	37	78	115	38	86	124
2011-12	-	6	6	17	81	98	17	87	104
2012-13	-	8	8	16	72	88	16	80	96
2013-14	2	-	2	16	72	88	18	72	90
2014-15	-	7	7	56	96	152	56	103	159
2015-16	6	10	16	22	106	128	28	116	144
TAMIL NADU									
2005-06	119	-	119	336	256	592	455	256	711
2006-07	116	16	132	411	262	673	527	278	805
2007-08	159	14	173	462	252	714	621	266	887
2008-09	85	-	85	515	298	813	600	298	898
2009-10	218	11	229	621	324	945	839	335	1174
2010-11	306	7	313	811	487	1298	1117	494	1611
2011-12	307	1	308	544	358	902	851	359	1210
2012-13	285	8	293	289	351	640	574	359	933
2013-14	306	9	315	243	308	551	549	317	866
2014-15	292	5	297	307	221	528	599	226	825
2015-16	424	15	439	145	272	417	569	287	856
PUDUCHERRY									
2005-06	40	45	85	-	11	11	40	56	96
2006-07	16	18	34	-	-	-	16	18	34
2007-08	10	-	10	-	-	-	10	-	10
2008-09	47	-	47	-	-	-	47	-	47
2009-10	1278	38	1316	-	-	-	1278	38	1316
2010-11	4627	101	4728	-	-	-	4627	101	4728
2011-12	6240	168	6408	-	13	13	6240	181	6421
2012-13	6436	431	6867	-	42	42	6436	473	6909
2013-14	5938	306	6244	-	37	37	5938	343	6281
2014-15	4499	89	4588	322	48	370	4821	137	4958
2015-16	5569	138	5707	267	-	267	5836	138	5974

**Table
3.3.1(Contd...)**

**Trend in Cargo Traffic Handled At Non-Major Ports
- State-Wise**

(In'000 Tonnes)

States/ U.T.	Overseas			Coastal			Overseas & Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
ODISHA									
2005-06	-	-	-	-	-	-	-	-	-
2006-07	-	-	-	-	-	-	-	-	-
2007-08	206	89	295	-	-	-	206	89	295
2008-09	201	94	295	-	-	-	201	94	295
2009-10	174	291	465	-	-	-	174	291	465
2010-11	174	291	465	-	-	-	174	291	465
2011-12	5064	-	5064	-	20	20	5064	20	5084
2012-13	8733	288	9021	-	2047	2047	8733	2335	11068
2013-14	10225	924	11149	-	3222	3222	10225	4146	14371
2014-15	14051	99	14150	-	1302	1302	14051	1401	15452
2015-16	13891	576	14467	63	419	482	13954	995	14949
ANDAMAN NICOBAR ISLANDS									
2005-06	4	-	4	636	275	911	640	275	915
2006-07	6	-	6	1014	544	1558	1020	544	1564
2007-08	9	-	9	1341	809	2150	1350	809	2159
2008-09	76	-	76	1258	675	1933	1334	675	2009
2009-10\$	476	10	486	1082	506	1588	1558	516	2074
2010-11*	342	-	342	985	352	1337	1327	352	1679
2011-12#	10	-	10	950	248	1198	960	248	1208
2012-13 a	7	-	7	854	205	1059	861	205	1066
2013-14 b	51	-	51	797	301	1098	848	301	1149
2014-15 c	17	-	17	874	265	1139	891	265	1156
2015-16	45	-	45	999	279	1278	1044	279	1323
LAKSHADWEEP									
2005-06	-	-	-	26	-	26	26	-	26
2006-07	-	-	-	26	5	26	26	-	26
2007-08	-	-	-	26	-	26	26	-	26
2008-09	-	-	-	26	-	26	26	-	26
2009-10	-	-	-	26	-	26	26	-	26
2010-11	-	-	-	26	-	26	26	-	26
2011-12	-	-	-	26	-	26	26	-	26
2012-13	-	-	-	26	-	26	26	-	26
2013-14	-	-	-	115	4	119	115	4	119
2014-15(P)	-	-	-	115	4	119	115	4	119
2015-16 @	-	-	-	-	-	-	-	-	-
TOTAL									
2005-06	69577	48688	118265	16470	15384	31854	86047	64072	150119
2006-07	90763	49342	140105	17498	27324	44817	108261	76661	184922
2007-08	107040	70265	177305	16872	12202	29074	123912	82467	206379
2008-09	117759	65786	183545	18506	11171	29677	136265	76957	213222
2009-10	159886	83623	243509	24709	20719	45428	184595	104342	288937
2010-11	175631	91487	267118	27747	20493	48240	203378	111980	315358
2011-12	210170	90384	300554	28681	24510	53191	238851	114894	353745
2012-13	249384	83548	332932	31731	23260	54991	281115	106808	387923
2013-14	279998	90274	370272	33885	12813	46698	313883	103087	416970
2014-15	325099	92596	417695	31629	21564	53193	356728	114160	470888
2015-16	317305	94531	411836	31248	22787	54035	348553	117318	465871

P provisional (@): N.A

* : Container cargo is included in Overseas"Unloaded" (3.25 Lakh tonnes)

: Container cargo is included in Coastal"Unloaded" (2.84 Lakh tonnes)

a : Container cargo is included in Coastal"Unloaded" (2.40 Lakh tonnes) & Loaded (.51 Lakh tonnes)

b : Container cargo is included in Coastal"Unloaded" (2.49 Lakh tonnes) & Loaded (.60 Lakh tonnes)

c : Container cargo is included in Coastal"Unloaded" (2.87 Lakh tonnes) & Loaded (.64 Lakh tonnes)

Table 3.3.2

Cargo Traffic Handled At Non-Major Ports State-Wise & Commodity Wise.

(In'000 Tonnes)

States	POL & Products	Iron ore	Building Material	Coal	Fertiliser & FRM	Others	Total
1	2	3	4	5	6	7	8
GUJARAT							
2001-02	48496	3046	7987	7826	1988	10192	79535
2002-03	48852	3439	9691	8762	1894	8923	81561
2003-04	52538	4232	11226	6500	1969	10867	87332
2004-05	56479	4052	11512	9926	2342	11830	96141
2005-06	60149	5191	11000	10541	3636	13010	103527
2006-07	71159	5713	11231	11306	4208	27648	131265
2007-08	80484	6076	12430	13313	4361	33857	150521
2008-09	87382	5900	9585	16464	5092	28388	152811
2009-10*	132817	6845	9321	21636	5021	29943	205583
2010-11a	140874	7156	8798	29731	6085	38263	230907
2011-12b	151487	6919	9022	38372	7185	46065	259050
2012-13\$	165137	7636	8408	54337	6418	45881	287817
2013-14#	165578	5169	10002	65759	5950	57487	309945
2014-15&	163631	5632	8925	79987	7529	70391	336095
2015-16 c	174875	7511	9075	65903	10331	72083	339778
MAHARASHTRA							
2001-02	98	2077	1354	826	0	602	4957
2002-03	92	4384	1249	1969	0	931	8625
2003-04	185	4573	1334	2911	117	1212	10332
2004-05	320	5471	3286	3592	194	1280	14143
2005-06	230	4947	1495	2550	38	1896	11156
2006-07	576	4582	1772	2290	473	1887	11580
2007-08	396	3735	2251	1992	442	2547	11363
2008-09	0	4273	2352	1460	277	2054	10416
2009-10	0	5055	2199	2880	221	1691	12046
2010-11	0	5120	2277	4997	228	2253	14875
2011-12	0	6362	2490	7589	230	3276	19947
2012-13	397	7818	2042	10396	84	3461	24198
2013-14	1123	7615	1998	9715	140	4073	24664
2014-15	1248	8824	2120	10924	171	4008	27295
2015-16	3225	7611	2243	12173	151	3446	28849
GOA							
2001-02	0	2532	0	248	0	78	2858
2002-03	0	5176	0	358	0	40	5574
2003-04	0	8007	0	418	0	11	8436
2004-05	0	8193	0	0	0	8	8201
2005-06	0	11428	0	333	0	1	11762
2006-07	0	14027	0	279	0	0	14306
2007-08	0	12736	0	89	0	0	12825
2008-09	0	11901	0	0	0	0	11901
2009-10	0	13679	0	218	0	0	13897
2010-11	0	14581	0	0	0	0	14581
2011-12	0	14305	0	165	0	0	14470
2012-13	0	3276	0	113	0	0	3389
2013-14	0	0	0	284	0	0	284
2014-15	0	347	1	412	0	0	760
2015-16	0	260	0	170	0	0	430

* a, b,\$,#,&,c : Containers cargo is included.

Table 3.3.2(Contd...)

**Cargo Traffic Handled At Non-Major Ports
State-Wise & Commodity Wise.**

(In'000 Tonnes)

States	POL & Products	Iron ore	Building Material	Coal	Fertiliser & FRM	Others	Total
1	2	3	4	5	6	7	8
ANDHRA PRADESH							
2001-02	3265	0	0	0	992	1397	5654
2002-03	6120	0	0	0	975	3141	10236
2003-04	6486	36	469	22	1121	1887	10021
2004-05	9956	957	910	0	1303	1941	15067
2005-06	8507	3876	410	138	1837	2906	17674
2006-07	8490	3876	343	138	1950	3812	18609
2007-08	9208	3593	97	49	1977	4366	19290
2008-09	9438	9465	155	3520	3231	3911	29720
2009-10	3666	15263	708	15243	4174	4636	43690
2010-11	2786	8957	484	19618	5799	5623	43267
2011-12	3508	2974	859	23512	7035	7745	45633
2012-13	1762	977	1111	30854	5135	11972	51811
2013-14	1707	1475	1550	35957	5455	12548	58692
2014-15	1403	10526	2492	48662	5362	14973	83418
2015-16	1428	1620	1978	46203	5956	15548	72733
KARNATAKA							
2001-02	133	0	0	0	31	582	746
2002-03	152	0	0	0	31	489	672
2003-04	154	492	8	0	25	489	1168
2004-05	106	2724	8	0	15	653	3506
2005-06	98	3398	9	4	30	578	4117
2006-07	141	5775	10	2	102	531	6561
2007-08	55	8042	5	0	36	761	8899
2008-09	17	4283	7	13	29	619	4968
2009-10	36	7841	29	0	0	641	8547
2010-11	31	2322	77	0	17	648	3095
2011-12	0	0	19	0	29	544	592
2012-13	38	0	0	5	52	515	610
2013-14	38	0	0	6	75	390	509
2014-15	40	0	85	0	47	479	651
2015-16	82	0	81	0	57	615	835
KERALA							
2001-02	0	0	69	0	0	58	127
2002-03	0	0	20	0	0	69	89
2003-04	3	0	6	0	0	49	58
2004-05	9	0	16	0	0	56	81
2005-06	12	0	11	0	0	112	135
2006-07	12	0	16	0	0	144	172
2007-08	2	0	19	0	0	83	104
2008-09	11	0	40	0	0	80	131
2009-10	1	0	26	0	0	92	119
2010-11	16	0	11	0	0	97	124
2011-12	4	0	87	0	0	13	104
2012-13	7	0	30	0	0	59	96
2013-14	8	0	15	0	0	67	90
2014-15	18	0	18	0	0	123	159
2015-16	19	0	1	0	0	124	144

Table 3.3.2(Contd...)

**Cargo Traffic Handled At Non-Major Ports
State-Wise & Commodity Wise.**

(In'000 Tonnes)

States	POL & Products	Iron ore	Building Material	Coal	Fertiliser & FRM	Others	Total
1	2	3	4	5	6	7	8
TAMIL NADU							
2001-02	429	0	0	0	50	56	535
2002-03	527	0	0	0	50	25	602
2003-04	608	0	2	0	54	26	690
2004-05	755	0	18	0	53	28	854
2005-06	592	0	0	0	56	63	711
2006-07	667	0	8	0	69	61	805
2007-08	713	0	5	0	93	76	887
2008-09	803	0	0	0	21	74	898
2009-10	1035	0	0	0	45	94	1174
2010-11	1503	0	7	0	58	43	1611
2011-12	1114	0	7	0	46	43	1210
2012-13	631	0	6	0	252	44	933
2013-14	788	0	27	0	41	10	866
2014-15	419	0	1	0	292	113	825
2015-16	546	0	4	0	30	276	856
PUDUCHERRY							
2001-02	0	0	0	0	0	95	95
2002-03	0	0	0	0	0	19	19
2003-04	0	0	67	0	0	41	108
2004-05	0	0	24	0	0	35	59
2005-06	0	0	57	0	0	39	96
2006-07	0	0	17	0	0	17	34
2007-08	0	0	0	0	0	10	10
2008-09	0	0	0	0	0	47	47
2009-10	0	0	22	1157	0	137	1316
2010-11	0	0	2	3974	500	252	4728
2011-12	45	0	52	4839	1213	272	6421
2012-13	411	495	78	4666	607	652	6909
2013-14	333	588	177	4453	349	381	6281
2014-15	322	336	128	3344	551	277	4958
2015-16	267	69	312	4658	421	247	5974
ODISHA							
2001-02	0	0	0	0	0	18	18
2002-03	0	0	0	0	0	0	0
2003-04	0	0	0	0	0	0	0
2004-05	0	0	0	0	0	0	0
2005-06	0	0	0	0	0	0	0
2006-07	0	0	0	0	0	0	0
2007-08	0	41	0	0	201	53	295
2008-09	0	41	0	0	201	53	295
2009-10	0	130	0	142	32	161	465
2010-11#	0	130	0	142	32	161	465
2011-12	0	56	0	4563	0	465	5084
2012-13	0	1653	0	8893	0	522	11068
2013-14	0	3491	0	10147	0	733	14371
2014-15	0	1129	0	13408	0	915	15452
2015-16	0	312	0	12767	0	1870	14949

Data related to last year

Table 3.3.2(Contd...)

**Cargo Traffic Handled At Non-Major Ports
State-Wise & Commodity Wise.**

(In'000 Tonnes)

States	POL & Products	Iron ore	Building Material	Coal	Fertiliser & FRM	Others	Total
1	2	3	4	5	6	7	8
ANDAMAN NICOBAR ISLANDS							
2001-02	122	0	176	0	0	520	818
2002-03	118	0	216	0	0	407	741
2003-04	127	0	219	0	0	348	694
2004-05	141	0	358	0	2	381	882
2005-06	136	0	412	0	17	350	915
2006-07	155	0	994	0	16	399	1564
2007-08	177	0	1457	0	2	523	2159
2008-09	165	0	1120	0	4	720	2009
2009-10	165	0	837	0	8	1064	2074
2010-11	168	0	671	0	6	834	1679
2011-12	164	0	330	0	4	710	1208
2012-13	182	0	278	0	0	606	1066
2013-14	181	0	342	0	0	626	1149
2014-15	176	0	387	0	0	593	1156
2015-16	199	0	479	0	0	645	1323
LAKSHADWEEP							
2001-02	0	0	0	0	0	181	181
2002-03	0	0	0	0	0	180	180
2003-04	0	0	0	0	0	26	26
2004-05	0	0	0	0	0	26	26
2005-06	0	0	0	0	0	26	26
2006-07	0	0	0	0	0	26	26
2007-08	0	0	0	0	0	26	26
2008-09	0	0	0	0	0	26	26
2009-10	0	0	0	0	0	26	26
2010-11	0	0	0	0	0	26	26
2011-12	0	0	0	0	0	26	26
2012-13	0	0	0	0	0	26	26
2013-14	21	0	67	0	0	31	119
2014-15(P)	21	0	67	0	0	31	119
2015-16	0	0	0	0	0	0	0
TOTAL							
2001-02	52543	7655	9586	8900	3061	13779	95524
2002-03	55861	12999	11176	11089	2950	14224	108299
2003-04	60101	17340	13331	9851	3286	14956	118865
2004-05	67766	21397	16132	13518	3909	16238	138960
2005-06	69724	28840	13394	13566	5614	18981	150119
2006-07	81200	33973	14391	14015	6818	34525	184922
2007-08	91035	34223	16264	15443	7112	42302	206379
2008-09	97816	35863	13259	21457	8855	35972	213222
2009-10	137720	48813	13142	41276	9501	38485	288937
2010-11	145378	38266	12327	58462	12725	48200	315358
2011-12	156322	30616	12866	79040	15742	59159	353745
2012-13	168565	21855	11953	109264	12548	63738	387923
2013-14	169777	18338	14178	126321	12010	76346	416970
2014-15	167278	26794	14224	156737	13952	91903	470888
2015-16	180641	17383	14173	141874	16946	94854	465871

Table 3.3.3

Transshipment Traffic at Non-Major Ports

(In '000 Tonnes)

State/Port	Commodity	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
1	2	5	6	7	8	9	9	9
GUJARAT								
Sikka	Crude Oil	-	-	-	-	-	-	-
	Propylene	-	-	-	-	-	-	-
Bedi	Iron Ore	-	-	-	-	-	-	-
Bhavnagar	Iron Ore	-	-	-	-	-	-	-
	Clinker	-	-	-	-	-	-	-
	Iron&steel	-	-	-	-	-	-	-
	Lime stone	-	-	-	-	-	-	-
Magdalla	EDC	-	-	-	-	-	-	-
	Paraxylene	-	-	-	-	-	-	-
	Copper	-	-	-	-	-	-	-
	Others	-	-	-	-	-	-	414
GAPL	...	-	-	-	-	-	-	-
Pipavav	Salt	2	-	-	-	-	-	-
MAHARASHTRA								
Dharamtar		6531	-	-	-	-	-	-
ANDHRA PRADESH								
Kakinada		-	-	-	-	-	-	-
Deep water	Crude oil	1509	901	108	226	-	-	-
TAMIL NADU								
Nagapattinam	Others	-	-	-	-	-	-	2
Kerala								
Kozhikode/Beypore		37	-	-	-	-	-	-
Koavalam/Vizhinjar	Others	-	-	-	-	-	7	-
PUDUCHERRY								
Karaikal	Ethylene	-	-	-	-	-	20	9
ANDAMAN & NICOBAR								
Port Blair	Container	-	-	-	-	-	-	6
Total Transshipment		8079	901	108	226	0	27	431

Table 3.3.4 Passenger Traffic Handled At Non-Major Ports

('00 Nos.)

Year	Overseas		Coastal		Total	
	Embarked	Dis-embarked	Embarked	Dis-embarked	Embarked	Dis-embarked
1	2	3	4	5	6	7
2006-07	21	21	80632	74349	80653	74370
2007-08	16	133	83581	77346	83597	77479
2008-09	23	23	91981	80984	92004	81007
2009-10	7	7	73322	61894	73329	61901
2010-11	3	3	73412	61935	73415	61938
2011-12	32	32	110696	98984	110728	99016
2012-13	36	37	113729	102643	113765	102680
2013-14	45	45	113030	101729	113075	101774
2014-15	34	34	104792	89484	104826	89518
2015-16	406	517	116879	102259	117285	102776

Table 3.3.5

Passenger Traffic Handled at Non-Major Port - Maritime State-wise

(In '00 Nos.)

State/UT/Port	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
1	2	3	4	5	6	7	8	9	10	11
GUJARAT	0	0	0	2	0	0	0	0	0	0
Embarked	-	-	-	1	-	-	-	-	-	-
Disembarked	-	-	-	1	-	-	-	-	-	-
MAHARASHTRA	130880	133172	142114	105648	105648	179264	184152	177995	178345	180722
Embarked	68492	69607	76718	58598	58598	95486	97582	94774	96929	97695
Disembarked	62388	63565	65396	47050	47050	83778	86570	83221	81416	83027
KERALA	115	123	153	151	211	11	182	247	230	173
Embarked	56	63	73	72	101	5	92	147	124	92
Disembarked	59	60	80	79	110	6	90	100	106	81
TAMILNADU	14920	16752	18580	19330	19250	20380	20698	20698	0	19918
Embarked	7460	8376	9290	9665	9625	10190	10349	10349	0	9959
Disembarked	7460	8376	9290	9665	9625	10190	10349	10349	0	9959
KARNATAKA	19	7	30	12	46	2	16	76	106	47
Embarked	11	4	15	8	23	1	8	40	52	26
Disembarked	8	3	15	4	23	1	8	36	54	21
ANDAMAN GROUP	9089	11022	12061	10087	10198	10087	11397	12607	12437	19201
Embarked	4634	5547	5835	4985	5068	5046	5734	6151	6107	9513
Disembarked	4455	5475	6226	5102	5130	5041	5663	6456	6330	9688
LAKSHADWEEP	0	0	0	0	0	0	0	3226	3226	0
Embarked	-	-	-	-	-	-	-	1614	1614	-
Disembarked	-	-	-	-	-	-	-	1612	1612	-
ALL MINOR/ INTERMEDIATE PORTS	155023	161076	172938	135230	135353	209744	216445	214849	194344	220061
Embarked	80653	83597	91931	73329	73415	110728	113765	113075	104826	117285
Disembarked	74370	77479	81007	61901	61938	99016	102680	101774	89518	102776

Table 3.3.6

Number Of Steamers/Sailing Vessels Entering Non-Major Ports in Various Maritime States-Wise

Type of vessels/year	(In Number)									
	Gujarat	Mahara-shtra	Goa	Karna-taka	Kerala	Tamil-Nadu	Pudu-cherry	Andhra Pradesh *	Odisha	Sea Island #
1	2	3	4	5	6	7	8	9	10	11
STEAMERS										
2009-10	6808	796	-	242	235	259	51	1213	-	8041
2010-11	6730	796	-	217	209	80	137	1213	-	6616
2011-12	9125	401	-	137	151	126	206	719	-	6236
2012-13	9045	401	-	127	172	98	184	741	-	6647
2013-14	8577	95	-	120	216	136	184	741	-	9459
2014-15	8577	334	-	154	184	171	149	2565	-	5993
2015-16	N.A	N.A	-	151	156	272	177	1912	-	6405
SAILING VESSELS										
2009-10	2477	17285	193	662	370	301	-	1234	20	2089
2010-11	2504	17285	191	644	340	413	-	1234	20	1698
2011-12	417	2429	172	677	467	234	-	1392	83	2438
2012-13	204	2429	35	705	334	293	148	1347	145	2827
2013-14	211	2247	15	791	320	289	148	1347	192	4345
2014-15	211	1623	108	820	344	225	15	-	191	1012
2015-16	N.A	N.A	75	749	353	182	21	-	191	2746
TOTAL										
2009-10	9285	18081	193	904	605	560	51	2447	20	10130
2010-11	9234	18081	191	861	549	493	137	2447	20	8314
2011-12	9542	2830	172	814	618	360	206	2111	83	8674
2012-13	9249	2830	35	832	506	391	332	2088	145	9474
2013-14	8788	2342	15	911	536	425	332	2088	192	13804
2014-15	8788	1957	108	974	528	396	164	2565	191	7005
2015-16	0	0	75	900	509	454	198	1912	191	9151

Data relates to Andaman & Nicobar Islands, Data include Lakshdweep only 2013-14

* Data relates to Andhra Pradesh is only Deep water port

Table 3.3.7

Employment of Manpower At Non Major Ports As On 31st March

(In numbers)

PORT	Year									
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
1	2	3	4	5	6	7	8	9	10	11
GUJARAT	1743	1718	1650	1590	981	1886	1814	1723	1593	1465
MAHARASHTRA	154	153	130	84	84	158	361	117	111	111
GOA	133	146	140	140	141	148	155	144	142	150
DAMAN & DIU	22	22	22	22	22	13	10	10	10	10
KARNATAKA	103	55	146	145	145	124	124	124	0	60
KERALA	185	191	175	175	195	136	133	683	674	675
TAMIL NADU	68	62	60	60	51	56	28	35	19	37
PUDUCHERRY	42	33	59	59	66	60	485	485	222	178
ANDHRA PRADESH	57	69	269	269	269	1153	1195	1195	789	789
ANDAMAN & NICOBAR Island	447	452	454	454	448	422	425	641	647	638
Orissa	N.A	118	118	118	118	N.A	367	759	355	355
LAKSHADWEEP	N.A	N.A	N.A	N.A	N.A	N.A	N.A	111	111	N.A
TOTAL	2954	3019	3223	3116	2520	4156	5097	6027	4673	4468

* In Karnataka , No Departmental dock labour in Minor Ports.

All the labour activities are done by Private laboures appointed by Stevedores.

Andhra Pradesh & orissa data is related to 2014-15

SECTION – II

4. INTERNATIONAL PORT STATISTICS

Table 4.1

**World Port Traffic - Port traffic league by TEU of
total Containers Handled - 2010-2015**

(In 000 TEUs)

Rank (2015)	Port Name	Country	Period	2015	2014	2013	2012	2011	2010	Percentage change over previous year	Avg. yearly growth rate 2011-2015
1	2	3	4	5	6	7	8	9	11	12	
1	Shanghai	China PR of	CY	36516	35285	33617	32529	31719	29003	3.5	3.6
2	Singapore	Singapore	CY	30922	33869	32579	31649	29938	26021	-8.7	0.8
3	Shenzhen	China PR of	CY	24142	24030	23278	22941	22565	22341	0.5	1.7
4	Ningbo	China PR of	CY	20636	19450	17327	16175	13220	13071	6.1	11.8
5	Hong Kong	China PR of	CY	20073	22226	22352	23118	24384	23699	-9.7	-4.7
6	Busan	Korea	CY	19216	18683	17686	17023	16164	14185	2.9	4.4
7	Qingdao	China PR of	CY	17323	16624	15520	14609	13020	12010	4.2	7.4
8	Guangzhou	China PR of	CY	17097	16363	15505	14514	14260	12487	4.5	4.6
9	Dubai Ports	UAE	CY	15089	14750	13600	13013	12618	11576	2.3	4.6
10	Tianjin	China PR of	CY	13881	14050	12997	12298	11588	10076	-1.2	4.6
11	Rotterdam	Netherland	CY	12235	12298	11664	11866	11877	11146	-0.5	0.7
12	Port Kelang	Malaysia	CY	11887	10946	10350	10001	9435	8872	8.6	5.9
13	Kaohsiung	Taiwan	CY	10264	10593	9979	9781	9636	9181	-3.1	1.6
14	Antwerp	Belgium	CY	9654	8978	8578	8635	8664	8468	7.5	2.7
15	Dalian	China PR of	CY	9591	10237	9910	8064	6400	5242	-6.3	10.6
16	Xiamen	China PR of	CY	9215	8572	8008	7209	6461	5201	7.5	9.3
17	Hamburg	Germany	CY	8821	9783	9257	8889	9014	7896	-9.8	-0.5
18	Tanjung Pelepas	Malaysia	CY	8799	7897	7417	7494	7302	6299	11.4	4.8
19	Los Angels	US	CY	8160	8340	7869	8078	7941	7832	-2.2	0.7
20	Long Beach	US	CY	7192	6821	6731	5857	6061	6263	5.4	4.4
21	Laem Chabang	Thailand	CY	6821	6518	6041	5946	5068	4622	3.6	7.7
22	Saigon Port	Vietnam	CY	6556	6334	5112	4892	4426	4154	3.5	10.3
23	New York/New Jersey	US	CY	6372	5772	5467	5530	5503	5292	10.4	3.7
24	Yingkou	China PR of	CY	6045	5768	5301	4581	3867	3548	4.8	11.8
25	Bremen Ports	Germany	Cy	5547	5796	5831	6115	5915	4889	-4.0	-1.6
26	Tanjung Priok Port	Indonesia	CY	5154	5692	6213	6214	5618	4613	-9.5	-2.1
27	Saigon NewPort	Viet Nam	CY	5026	4750	3789	3515	3072	2850	5.8	13.1
28	Lianyungang	China PR of	CY	4945	5005	5488	5020	4846	4447	-1.5	0.5
29	Valencia	Spain	CY	4615	4442	4328	4470	4327	4207	3.9	1.6
30	Algeciras-La Linea	Spain	CY	4516	4555	4343	4113	3608	2810	-0.9	5.8
31	Jawaharlal Nehru	India	CY	4477	4467	4162	4259	4321	4270	0.2	0.9
32	Tokyo	Japan	CY	4458	4917	4885	4235	4416	4284	-9.3	0.2
33	Khor Fakkan/Shrajah	UAE	CY	4414	4256	4000	3996	3234	3023	3.7	8.1
34	Manila	Philippines	CY	4220	3810	3779	3707	3465	3155	10.7	5.1
35	Jeddah	Saudi Arabia	CY	4205	4184	4561	4738	4010	3831	0.5	1.2
36	Felixstowe	UK	CY	3984	4072	3434	3368	3249	3415	-2.2	5.2
37	Santos	Brazil	CY	3780	3684	3194	2961	2986	2722	2.6	6.1
38	Savannah	US	CY	3737	3346	3034	2949	2982	2825	11.7	5.8
39	Northwest Seaport Alliar	US	CY	3529	3428	3488	3588	3526	3395	3.0	0.0
40	Piraeuse	Greece	CY	3383	3493	3199	2815	1681	850	-3.1	19.1
41	Balboa	Panama	CY	3078	3236	3064	3251	3232	2759	-4.9	-1.2
42	Marsaxiokk	Malta	CY	3064	2869	2745	2538	2360	2371	6.8	6.7
43	Ambarli	Turkey	CY	3063	3445	3318	2440	2122	1946	-11.1	9.6
44	Metro Vancouver	Canada	CY	3054	2913	2825	2713	2507	2514	4.9	5.1
45	Tanger	Morocco	CY	3052	3361	2493	1826	2093	2058	-9.2	9.9
46	East Port Said Port	Egypt	CY	3036	3258	2947	2711	2864	2578	-6.8	1.5
47	Manzanilo	Panama	CY	2981	2796	2792	2060	1763	1600	6.6	14.0
48	Yokohama	Japan	CY	2789	2775	2926	3053	3083	3280	0.5	-2.5
49	Durban	South Africa	CY	2770	2664	2633	2587	2713	2553	4.0	0.5
50	Kobe	Japan	CY	2683	2628	2534	2564	2725	2018	1.8	-0.4

Source: International Association of Ports and Harbors (World Container Traffic Data 2015)

Table 4.2 World Port Traffic - Port Traffic League by Total Cargo Traffic 2011-15

(In Million Tons)

S.No.	Port position(a)	Country	Nature	Period	Unit	2011	2012	2013	2014	2015	Percentage change over previous year	Avg. Yearly growth 2011-15
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Singapore	Singapore	1	CY	FT	531.2	538.0	560.9	581.3	575.8	-0.9	2.0
2	Shanghai	China, PR of	1	CY	MT	484.4	502.4	543.0	538.6	513.3	-4.7	1.5
3	Qingdao	China, PR of	1	CY	MT	372.0	407.3	450.1	465.1	476.2	2.4	6.4
4	Rotterdam	Netherlands	1	CY	MT	434.6	441.5	440.5	444.7	466.4	4.9	1.8
5	Port Hedland	Australia	1	FY	MT	246.7	288.4	372.3	446.9	452.9	1.3	16.4
6	Ningbo	China, PR of	1	CY	MT	348.9	364.6	399.3	429.9	448.8	4.4	6.5
7	Tianjin	China, PR of	1	CY	MT	459.9	476.9	477.3	445.8	440.4	-1.2	-1.1
8	Busan	Korea, Rep. Of	1	CY	RT	281.5	298.7	313.3	335.4	347.7	3.7	5.4
9	Dalian	China, PR of	1	CY	MT	211.1	303.0	320.8	337.4	320.7	-4.9	11.0
10	Kwangyang	Korea, Rep. Of	1	CY	RT	219.9	237.3	239.5	253.4	272.0	7.3	5.5
11	Port of South	US	1	CY	MT	248.8	253.0	241.6	264.8	265.6	0.3	1.6
12	Hong Kong	China, PR of	1	CY	MT	277.4	269.3	276.1	297.7	256.5	-13.8	-1.9
13	Qinhuangdao	China, PR of	1	CY	MT	250.0	233.2	253.3	261.7	246.6	-5.8	-0.3
14	Houston	US	2	CY	MT	261.7	246.9	236.5	229.2	230.5	0.6	-3.1
15	Guangzhou	China, PR of	1	CY	MT	121.4	164.3	229.1	242.4	230.1	-5.1	17.3
16	Port Kelang	Malaysia	1	CY	MT	193.7	195.9	198.9	217.3	219.8	1.2	3.2
17	Antwerp	Belgium	1	CY	MT	187.2	184.1	190.8	199.0	208.4	4.7	2.7
18	Xiamen	China, PR of	1	FY	MT	140.9	155.1	171.9	184.6	200.5	8.6	9.2
19	Nagoya	Japan	1	FY	FT	186.3	202.6	208.2	207.6	197.9	-4.7	1.5
20	Shenzhen	China, PR of	1	CY	MT	205.5	196.5	201.5	192.1	191.0	-0.6	-1.8
21	Dubai Ports	UAE	2	CY	MT	137.8	143.8	163.7	171.9	175.7	2.2	6.3
22	Ulsan	Korea, Rep. Of	1	CY	RT	163.2	174.1	167.9	170.7	170.8	0.1	1.1
23	Dampier	Australia	1	FY	MT	171.8	180.4	177.5	172.8	169.9	-1.7	-0.3
24	Chiba	Japan	1	CY	FT	149.9	152.0	154.0	162.8	167.0	2.6	2.7
25	Newcastle	Australia	1	FY	MT	129.3	148.9	159.6	164.3	163.9	-0.2	6.1
26	Long Beach	US	1	CY	RT	154.4	144.2	162.8	164.7	162.8	-1.2	1.3
27	Los Angeles	US	1	CY	MT	158.2	175.2	165.1	176.5	161.4	-8.6	0.5
28	Incheon	Korea, Rep. Of	1	CY	RT	147.7	143.9	146.1	150.1	157.6	5.0	1.6
29	Itaqui	Brazil	1	CY	MT	128.9	133.5	135.4	144.2	146.6	1.7	3.3
30	Merto Vancouver	Canada	1	CY	MT	122.5	123.9	135.0	139.6	138.2	-1.0	3.1
31	Hamburg	Germany	1	CY	MT	132.2	130.9	139.1	145.7	137.8	-5.4	1.0
32	Tubarao	Brazil	1	CY	MT	136.6	133.6	131.2	134.5	137.3	2.1	0.1
33	Tanjung Plepas	Malaysia	1	CY	MT	112.8	116.3	120.0	131.5	136.3	3.7	4.8
34	Santos	Brazil	1	CY	MT	97.2	101.1	109.3	99.1	119.9	21.0	5.4
35	Hay Point	Australia	1	FY	MT	82.9	98.0	108.3	115.0	115.8	0.7	8.7
36	Yokohama	Japan	1	CY	FT	121.3	121.4	119.2	117.0	114.7	-2.0	-1.4
37	Kaohsiung	Taiwan	1	CY	MT	123.9	120.8	115.0	123.0	110.9	-9.8	-2.7
38	Itaguaí	Brazil	1	CY	MT	97.7	103.8	104.8	111.6	110.4	-1.1	3.1
39	Gladstone	Australia	1	FY	MT	83.8	85.2	98.3	99.0	104.6	5.7	5.7
40	Richards Bay	South Africa	1	CY	MT	86.4	90.2	91.7	94.8	102.4	8.0	4.3
41	Kitakyushu	Japan	1	CY	FT	100.0	98.8	100.5	99.3	100.1	0.8	0.0
42	Kobe	Japan	1	CY	FT	87.0	87.2	88.4	92.4	97.0	5.0	2.8
43	Amsterdam Ports	Netherlands	1	CY	MT	93.0	94.3	95.8	97.8	96.5	-1.3	0.9
44	Saigon New Port	Viet Nam	1	FY	MT	60.8	76.4	93.6	94.9	96.2	1.4	12.2
45	Corpus Christi	US	1	CY	MT	72.9	71.5	80.5	91.3	93.9	2.8	6.5
46	Algcras-La Line	Spain	1	CY	MT	76.9	83.0	85.6	88.1	92.0	4.4	4.6
47	Tokyo	Japan	1	CY	FT	83.4	82.8	86.0	87.2	85.3	-2.2	0.6
48	Paradip	India	1	CY	MT	56.0	56.6	68.0	71.0	83.4	17.5	10.5
49	Marseilles	France	1	CY	MT	88.1	80.6	74.9	78.5	81.9	4.3	-1.8
50	Osaka	Japan	1	CY	FT	88.1	86.4	86.8	86.5	80.0	-7.5	-2.4

(a) Ranking based on latest available figures; ISL Port Data Base comprising more than 400 ports

Note: Data presented in Tables concerning the ranking of ports, in terms of tons handled, need a careful interpretation :

RT and MT are not directly comparable figures.

Period: CY = Calendar Year, FY: Fiscal Year

MT= Metric tons

FT= Freight tons

RT= Revenue tons

Source: Shipping Statistics Year Book 2016 Published by Institute of Shipping Economics and Logistics (ISL)

Table 4.3

Cargo Traffic - For Selected Ports in Asia - 2010-2015

Port	Year	Cargo Traffic ('000 Tonnes)				Percentage distribution of cargo traffic			Container Traffic ('000 TEUs)				Percentage of Container Cargo to General Cargo
		Loaded	Unloaded	Total	Growth Rate (%)	General	Dry Bulk	Liquid	Loaded	Unloaded	Total	Growth Rate (%)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Hongkong (China)	2010	113552	154263	267815	10.2	80.5	12.2	7.3	11748	11951	23699	12.6	...
	2011	119603	157841	277444	3.6	80.6	13.1	6.3	12090	12294	24384	2.9	...
	2012	114583	154699	269282	-2.9	80.2	13.2	6.6	11411	11707	23118	-5.2	...
	2013	113780	162275	276055	2.5	81.9	12.2	5.6	10878	11474	22352	-3.3	...
	2014	113552	184185	297737	7.9	72.6	22.1	5.3	10955	11271	22226	-0.6	...
	2015	103752	152736	256488	-13.9	73.7	18.4	7.9	9794	10279	20073	-9.7	...
Shanghai (China)	2010	208901	325470	534371	5.6	...	...	...	...	...	29003	16.4	...
	2011	233969	356470	590439	10.5	...	...	...	...	...	31739	9.4	...
	2012	284528	360231	644759	9.2	...	...	...	...	...	32528	2.5	...
	2013	281398	415587	696985	8.1	...	...	...	...	...	33620	3.4	...
	2014	292433	385943	678376	-2.7	...	...	...	...	...	35285	5.0	...
	2015	258977	387537	646514	-4.7	...	...	...	...	...	36516	3.5	...
Chiba(a) (Japan)	2010	43210	112046	155256	7.1	15.5	17.6	66.8	...	...	...	...	...
	2011	39558	110377	149935	-3.4	16.2	23.4	60.5	...	...	...	...	...
	2012	41199	110837	152036	1.4	12.7	19.3	68.0	...	...	...	...	...
	2013	39890	114071	153961	1.3	15.2	33.4	51.4	...	...	...	...	...
	2014	43732	119098	162830	5.8	12.7	24.6	62.7	...	...	...	...	...
	2015	43878	123086	166964	2.5	13.1	24.7	62.3	...	...	...	...	...
Port Kelang(a) (Malaysia)	2010	79208	89350	168558	22.5	93.0	4.1	2.9	4685	4187	8872	21.4	93.3
	2011	89212	104514	193726	14.9	90.2	4.8	4.9	4685	4751	9436	6.4	95.3
	2012	89915	105941	195856	1.1	96.0	1.6	2.4	4975	5026	10001	6.0	90.3
	2013	90324	108604	198928	1.6	94.6	1.6	3.7	5148	5203	10351	3.5	...
	2014	95559	121730	217289	9.2	92.4	4.8	2.9	5463	5483	10946	5.8	...
	2015	100644	119142	219786	1.1	93.1	4.6	2.2	5945	5942	11887	8.6	...
Singapore(a) (Singapore)	2010	...	...	503342	6.6	62.0	2.5	35.5	...	...	28431	9.9	92.9
	2011	...	...	531176	5.5	63.2	2.2	34.6	...	...	29938	5.3	92.2
	2012	...	...	538012	1.3	65.7	2.8	31.5	...	...	31649	5.7	91.6
	2013	...	...	560888	4.3	65.1	2.7	32.2	...	...	32579	2.9	91.2
	2014	...	...	581268	3.6	66.1	2.6	31.3	...	...	33869	4.0	92.0
	2015	...	...	575846	-0.9	62.8	3.2	34.0	...	...	30922	-8.7	91.7

**Table 4.3
(Contd...)**

Cargo Traffic - For Selected Ports in Asia - 2010-2015

Port	Year	Cargo Traffic ('000 Tonnes)				Percentage distribution of cargo traffic			Container Traffic ('000 TEUs)				Percentage of Container Cargo to General Cargo
		Loaded	Unloaded	Total	Growth Rate (%)	General Cargo	Dry Bulk	Liquid Bulk	Loaded	Unloaded	Total	Growth Rate (%)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Dubai (UAE)	2010	51410	79108	130518	1.3	74.5	5.3	20.2	5785	5791	11576	4.1	...
	2011	54266	83504	137770	5.6	79.4	3.8	16.8	6132	6881	13013	12.4	...
	2012	56654	87178	143832	4.4	73.2	6.9	19.9	6480	6800	13280	2.1	...
	2013	63055	100626	163681	13.8	...	...	...	...	...	...	...	...
	2014	68078	103782	171860	5.0	...	...	...	...	...	...	...	...
	2015	-	-	170228	-0.9	...	...	...	...	...	...	...	...
Manila (Philippines)	2010	13383	24853	38236	-1.4	95.1	4.0	1.0	1568	1587	3155	9.7	91.0
	2011	17777	18889	36666	-4.1	93.8	4.3	1.9	1522	1944	3466	9.8	...
	2012	16366	24203	40569	10.6	98.6	-	-	1839	1868	3707	7.0	93.4
	2013	21169	23898	45067	11.6	86.1	6.3	7.6	1918	1860	3778	1.9	98.2
	2014	16988	34036	51024	13.2	84.3	7	8.6	1938	1873	3811	0.8	85.8
	2015	17490	39866	57356	12.4	84.1	7.8	8.1	1984	1992	3976	4.3	86.3
Colombo (Sri Lanka)	2010	16657	30120	46777	6.8	...	...	...	...	...	...	...	...
	2011	17660	31955	49615	6.1	...	...	...	...	...	1970	12.6	...
	2012	18714	33483	52197	5.2	...	...	...	...	...	1963	-0.3	...
	2013	19156	34503	53659	2.8	...	...	...	...	...	1880	-4.3	...
	2014	18147	32906	51053	-4.9	...	...	...	...	...	1747	-7.1	...
	2015	15113	27011	42124	-17.5	...	...	...	...	...	1662	-4.9	...
Busan(b) (South Korea)	2010	135125	115315	250440	16.4	92.6	2.9	4.5	7134	7060	14194	18.9	96.8
	2011	150005	131509	281514	12.4	94.1	2.3	3.6	8228	7956	16184	14.0	96.1
	2012	161376	137313	298689	6.1	93.0	2.7	4.2	8466	8557	17023	5.2	97.7
	2013	169081	144214	313295	4.9	95.0	1.9	3.1	8848	8838	17686	3.9	96.8
	2014	178425	156986	335411	7.1	94.0	2.4	3.6	9333	9350	18683	5.6	96.8
	2015	181041	166672	347713	3.7	93.9	2.4	3.7	10105	9363	19468	4.2	97.2
Bangkok(c) (Thailand)	2010	8012	9984	17996	4.2	100.0	...	...	682	771	1453	25.8	...
	2011	7321	9947	17268	-4.0	100.0	...	...	684	622	1306	-13.0	...
	2012	8117	11440	19557	13.3	100.0	...	...	573	825	1398	7.1	88.2
	2013	8496	11134	19630	0.4	100.0	...	...	642	863	1505	7.7	89.8
	2014	10221	11374	21595	10.0	100.0	...	...	681	855	1536	2.1	90.4
	2015	9760	12088	21848	1.2	99.7	...	...	662	897	1559	1.5	90.4

Note : (a) Freight tons. (b) Revenue tons. Others Metric tons. (c) Fiscal Year.

Source : Shipping Statistics Year Book 2016 by ISL & official Websites of the Ports..

SECTION – II

5. GENERAL STATISTICS

Table 5.1

Gross Value Added by Economic activity at Constant (2011-12) basic prices

S.No.	Item	(Rs. In crore)					% Change Over Previous Year			
		2011-12	2012-13*	2013-14*	2014-15#	2015-16 @	2012-13*	2013-14*	2014-15#	2015-16 @
1	2	3	4	5	6	7	8	9	10	11
1.	Agriculture, forestry and fishing	1501816	1524398	1609060	1604260	1616461	1.5	5.6	-0.3	0.8
1.1	Crops	982026	983873	1036818	996142	974672	0.2	5.4	-3.9	-2.2
1.2	Livestock	327301	344333	363511	390395	415906	5.2	5.6	7.4	6.5
1.3	Forestry and logging	124461	124830	132244	135523	138173	0.3	5.9	2.5	2.0
1.4	Fishing and aquaculture	68027	71362	76487	82200	87710	4.9	7.2	7.5	6.7
2.	Mining and quarrying	261035	259479	267629	307077	344972	-0.6	3.1	14.7	12.3
3.	Manufacturing	1409986	1492762	1568508	1685843	1863834	5.9	5.1	7.5	10.6
3.1	Food products, beverages and tobacco	167524	156864	156548	174436	186138	-6.4	-0.2	11.4	6.7
3.2	Textiles, apparel and leather products	153238	183389	226792	228214	246313	19.7	23.7	0.6	7.9
3.3	Metal products	229627	233204	271379	241619	254900	1.6	16.4	-11.0	5.5
3.4	Machinery and equipment	334670	344405	322784	355774	379134	2.9	-6.3	10.2	6.6
3.5	Other manufactured goods	524927	574900	591005	685800	797349	9.5	2.8	16.0	16.3
4.	Electricity, gas, water supply & other utility services	186668	191413	199153	213477	224323	2.5	4.0	7.2	5.1
5.	Construction	777363	781947	805484	829966	852821	0.6	3.0	3.0	2.8
6.	Trade, repair, hotels and restaurants	883582	980177	1037337	1125915	1256964	10.9	5.8	8.5	11.6
6.1	Trade & repair services	793681	887365	944506	1027848	1144300	11.8	6.4	8.8	11.3
6.2	Hotels & restaurants	89901	92812	92831	98067	112664	3.2	0.0	5.6	14.9
7.	Transport, storage, communication & services related to broadcasting	529534	569313	616968	670577	731548	7.5	8.4	8.7	9.1
7.1	Railways	61150	68959	73132	79634	84089	12.8	6.1	8.9	5.6
7.2	Road transport	262442	282425	300557	320209	341649	7.6	6.4	6.5	6.7
7.3	Water transport	6910	7052	7345	7954	8106	2.1	4.2	8.3	1.9
7.4	Air transport	4393	4183	4550	5188	6057	-4.8	8.8	14.0	16.8
7.5	Services incidental to transport	63602	66481	70172	75347	80495	4.5	5.6	7.4	6.8
7.6	Storage	5108	5708	5190	5511	6079	11.8	-9.1	6.2	10.3
7.7	Communication & services related to broadcasting	125930	134505	156022	176734	205073	6.8	16.0	13.3	16.0
8.	Financial services	480226	529759	578691	630218	671853	10.3	9.2	8.9	6.6
9.	Real estate, ownership of dwelling & professional services	1050465	1149365	1285629	1440730	1622340	9.4	11.9	12.1	12.6
10.	Public administration and defence	491155	501434	510197	544633	569804	2.1	1.7	6.7	4.6
11.	Other services	534827	568181	600592	656653	714799	6.2	5.7	9.3	8.9
12.	TOTAL GVA at basic prices	8106656	8548228	9079248	9709349	10469719	5.4	6.2	6.9	7.8

*: Third Revised Estimates(New Series); #: Second Revised Estimates, @: First Revised Estimates

Totals may not tally due to rounding off

Source : Ministry of Statistics and Programme Implementation.

Table 5.2**India's Foreign Trade**

Year	Exports			Imports			Trade Balance		
	Oil	Non-Oil	Total	Oil	Non-Oil	Total	Oil	Non-Oil	Total
1	2	3	4	5	6	7	8	9	10
(US \$ million)									
1990-91	522.7	17622.5	18145.2	6028.1	18044.4	24072.5	-5505.4	-421.9	-5927.3
1991-92	414.7	17450.7	17865.4	5324.8	14085.7	19410.5	-4910.1	3365.0	-1545.1
1992-93	476.2	18061.0	18537.2	6100.0	15781.6	21881.6	-5623.8	2279.4	-3344.4
1993-94	397.8	21840.5	22238.3	5753.5	17552.7	23306.2	-5355.7	4287.8	-1067.9
1994-95	416.9	25913.6	26330.5	5927.8	22726.5	28654.3	-5510.9	3187.1	-2323.8
1995-96	453.7	31341.2	31794.9	7525.8	29149.5	36675.3	-7072.1	2191.7	-4880.4
1996-97	481.8	32987.9	33469.7	10036.2	29096.2	39132.4	-9554.4	3891.7	-5662.7
1997-98	352.8	34653.7	35006.5	8164.0	33320.5	41484.5	-7811.2	1333.2	-6478.0
1998-99	89.4	33129.3	33218.7	6398.6	35990.1	42388.7	-6309.2	-2860.8	-9170.0
1999-00	38.9	36783.5	36822.4	12611.4	37059.3	49670.7	-12572.5	-275.8	-12848.3
2000-01	1869.7	42690.6	44560.3	15650.1	34886.4	50536.5	-13780.4	7804.2	-5976.2
2001-02	2119.1	41707.6	43826.7	14000.3	37413.0	51413.3	-11881.2	4294.6	-7586.6
2002-03	2576.5	50142.9	52719.4	17639.5	43772.6	61412.1	-15063.0	6370.3	-8692.7
2003-04	3568.4	60274.1	63842.5	20569.5	57579.6	78149.1	-17001.1	2694.5	-14306.6
2004-05	6989.3	76546.6	83535.9	29844.1	81673.3	111517.4	-22854.8	-5126.7	-27981.5
2005-06	11639.6	91450.9	103090.5	43963.1	105202.6	149165.7	-32323.5	-13751.7	-46075.2
2006-07	18634.6	107779.5	126414.1	56945.3	128790.0	185735.3	-38310.7	-21010.5	-59321.2
2007-08	28363.1	134541.1	162904.2	79644.5	171794.7	251439.2	-51281.4	-37253.6	-88535.0
2008-09	27547.0	157748.0	185295.0	93671.7	210024.6	303696.3	-66124.7	-52276.6	-118401.3
2009-10	28192.0	150559.5	178751.5	87135.9	201237.0	288372.9	-58943.9	-50677.5	-109621.4
2010-11	41480.0	209656.2	251136.2	105964.4	263804.7	369769.1	-64484.4	-54148.5	-118632.9
2011-12	56038.5	249925.3	305963.8	154967.6	334352.0	489319.6	-98929.1	-84426.7	-183355.8
2012-13	60865.1	239535.5	300400.6	164040.6	326696.1	490736.7	-103175.5	-87160.6	-190336.1
2013-14	63179.4	251236.3	314415.7	164770.3	285443.3	450213.6	-101590.9	-34207.0	-135797.9
2014-15	56794.1	253557.9	310352.0	138325.5	309707.9	448033.4	-81531.4	-56150.0	-137681.4
2015-16	30423.5	231580.2	262003.7	82879.9	297476.4	380356.3	-52456.4	-65896.2	-118352.6
(₹ Billion)									
1990-91	9.38	316.20	325.58	108.16	323.77	431.93	-98.78	-7.57	-106.35
1991-92	10.22	430.20	440.42	131.27	347.24	478.51	-121.05	82.96	-38.09
1992-93	13.79	523.09	536.88	171.42	462.33	633.75	-157.63	60.76	-96.87
1993-94	12.48	685.04	697.52	180.46	550.55	731.01	-167.98	134.49	-33.49
1994-95	13.09	813.65	826.74	186.13	713.58	899.71	-173.04	100.07	-72.97
1995-96	15.18	1048.36	1063.54	251.74	975.05	1226.79	-236.56	73.31	-163.25
1996-97	17.10	1171.07	1188.17	356.29	1032.91	1389.20	-339.19	138.16	-201.03
1997-98	13.11	1287.90	1301.01	303.41	1238.35	1541.76	-290.30	49.55	-240.75
1998-99	3.76	1393.77	1397.53	269.19	1514.13	1783.32	-265.43	-120.36	-385.79
1999-00	1.69	1593.93	1595.62	546.49	1605.88	2152.37	-544.80	-11.95	-556.75
2000-01	85.42	1950.29	2035.71	714.97	1593.76	2308.73	-629.55	356.53	-273.02
2001-02	101.07	1989.11	2090.18	667.70	1784.30	2452.00	-566.63	204.81	-361.82
2002-03	124.69	2426.68	2551.37	853.67	2118.39	2972.06	-728.98	308.29	-420.69
2003-04	163.97	2769.69	2933.66	945.20	2645.88	3591.08	-781.23	123.81	-657.42
2004-05	314.04	3439.35	3753.39	1340.94	3669.71	5010.65	-1026.90	-230.36	-1257.26
2005-06	515.33	4048.85	4564.18	1946.40	4657.69	6604.09	-1431.07	-608.84	-2039.91
2006-07	845.20	4872.59	5717.79	2585.72	5819.35	8405.07	-1740.52	-946.76	-2687.28
2007-08	1141.92	5416.72	6558.64	3206.55	6916.57	10123.12	-2064.63	-1499.85	-3564.48
2008-09	1233.98	7173.57	8407.55	4199.68	9544.68	13744.36	-2965.70	-2371.11	-5336.81
2009-10	1328.99	7126.35	8455.34	4116.49	9520.86	13637.35	-2787.50	-2394.51	-5182.01
2010-11	1887.79	9541.43	11429.22	4822.82	12011.85	16834.67	-2935.03	-2470.42	-5405.45
2011-12	2679.15	11980.45	14659.60	7430.75	16023.88	23454.63	-4751.60	-4043.43	-8795.03
2012-13	3308.19	13035.00	16343.19	8918.71	17772.91	26691.62	-5610.52	-4737.91	-10348.43
2013-14	3832.48	15217.63	19050.11	9978.85	17175.48	27154.33	-6146.37	-1957.85	-8104.22
2014-15	3460.82	15503.63	18964.45	8428.74	18942.12	27370.86	-4967.92	-3438.49	-8406.41
2015-16	1985.76	15158.48	17144.24	5400.69	19458.58	24859.27	-3414.93	-4300.10	-7715.03

Note : Data for 2014-15 are revised and for 2015-16 are provisional.

Source : Directorate General of Commercial Intelligence and Statistics & RBI.

Table 5.3

Imports of Principal Commodities

Commodity / Year	(US \$ Million)							(₹ Billion)						
	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1. Cotton Raw & Waste	261.7	136.6	221	453.4	392.7	507.3	391.5	12.41	6.22	10.59	24.67	23.76	31.02	26.63
2. Vegetable Oil	4703.9	5688.8	8119.1	9844.1	7278.8	10612.7	10483	223.17	259.2	389.09	535.62	440.38	648.9	686.3
3. Pulses	2240.4	1648.8	1971.6	2452.6	1824.2	2790.6	3911.7	106.29	75.12	94.48	133.45	110.37	170.63	256.09
4. Fruits & vegetables	657.8	877.1	1054.5	1244.8	1378.9	166.3	1812.4	31.21	39.96	50.53	67.73	83.42	101.82	118.65
5. Pulp and Waste paper	464.9	621.3	720.3	745.6	768.2	945.5	956.9	22.06	28.31	34.52	40.57	46.48	57.81	62.65
6. Textile yarn Fabric, made-up articles	838.1	1100.4	1430.5	1441.5	1507.6	1691.1	1711.1	39.76	50.13	68.56	78.43	91.21	103.4	112.02
7. Fertilisers, Crude & manufactured	6693.2	6920.8	11124.3	8770.9	6306.8	7408	7995.4	317.55	315.33	533.11	477.22	381.57	452.95	523.45
8. Sulphur & Unroasted Iron Pyrts	143.7	241.3	476.9	319.6	182.6	286.2	217.2	6.82	10.99	22.86	17.39	11.05	17.5	14.22
9. Metaliferrous ores & other minerals	5432.3	6472.8	8112.7	9143.7	8395.2	9304.5	7247.3	257.73	294.92	388.78	497.5	507.92	568.91	474.47
10. Coal, Coke & Briquettes, etc.	8960.4	9804.1	17443.9	17007.7	16384.8	17811.6	13366	425.11	446.7	835.96	925.38	991.31	1089.06	875.05
11. Petroleum, Crude & products	87135.9	105964.4	154967.6	164040.6	164770.3	138325.5	82879.9	4116.49	4822.82	7430.75	8918.71	9978.85	8428.74	5400.69
12. Wood & Wood products	3214.2	3708.2	5024.3	5083.1	5120.7	5464.7	5044.8	152.49	168.95	240.78	276.57	309.81	334.13	330.27
13. Leather & leather products	460.8	636.8	719.5	739.9	823.7	1005.6	965.6	21.86	29.01	34.48	40.26	49.84	61.48	63.22
14. Organic & Inorganic Chemicals	10395.5	13464.1	16717.5	16787	17464.5	18561.9	16526	493.2	613.46	801.15	913.38	1056.63	1134.94	1081.93
15. Dyeing/tanning/colou	1210.4	1599	2108.8	2171	2419	2443	2242.8	57.42	72.85	101.06	118.12	146.35	149.37	146.83
16. Artificial resins, plastic materials, etc.	5785	7855.3	8834.9	9989.6	10456	12058.1	11770.4	274.46	357.91	423.4	543.53	632.61	737.28	770.59
17. Chemical material & products	2982.7	3823.5	4549.4	4861.5	4877.9	5303	5151.5	141.51	174.21	218.02	264.51	295.12	324.24	337.26
18. Newsprint	473.1	821	1030.4	804	891.8	838.8	804.9	22.45	37.41	49.38	43.75	53.95	51.28	52.7
19. Pearls, precious & Semi-precious stones	15925.9	33829.7	28039.6	22637.1	23849.3	22564.6	20072.3	755.58	1541.37	1343.74	1231.68	1442.93	1379.68	1314.1
20. Iron & Steel	11573.4	14598.8	18254.7	17700.8	12658.6	16314.5	14961	549.08	665.16	874.82	963.1	765.87	997.53	979.48
21. Non-ferrous metals	4498.7	6539.3	8407.2	9038.1	8856.8	10748.2	9712.2	213.43	297.95	402.9	491.76	535.85	657.18	635.84
22. Machine tools	2157.7	2962.6	3977.2	3720.7	3057.5	3138.2	2758	102.37	134.98	190.6	202.44	184.99	191.88	180.56
23. Machinery, electrical & non-electrical	21321.3	26128.8	33099.2	30764.5	27091.4	28004.5	29452.2	1011.55	1190.5	1586.21	1673.89	1639.08	1712.3	1928.19
24. Transport equipment	14388.9	14900.7	18724.7	21288.9	19323.9	18402.8	17871.5	682.66	678.92	897.34	1158.33	1169.14	1125.21	1170.02
25. Project goods	4682.7	6144.4	8810.2	6553.7	4535.8	3632.8	2751.9	222.16	279.96	422.21	356.59	274.42	222.12	180.16
26. Professional instrument, Optical goods, etc.	2245.1	2777.8	3593.6	3756.1	3597.5	3716.8	3599.6	106.51	126.56	172.22	204.37	217.66	227.26	235.66
27. Electronic goods	22228.1	27939.1	34081.1	32906.2	32378.4	36871.3	40011.7	1054.57	1272.98	1633.27	1790.42	1958.96	2254.44	2619.5
28. Medcnl. & Pharmaceutical products	3591.6	4202.7	5184	5465.2	5233.1	5431.7	5432.5	170.4	191.49	248.43	297.36	316.61	332.11	355.66
29. Gold	28641.2	40546.9	56319.8	53694.8	28704.7	34453	31597.6	1358.83	1847.42	2699.01	2921.53	1662.43	2106.58	2068.65
30. Silver	961.9	1965	5155	1984.5	4458.3	4528.1	3732.4	45.64	89.53	247.04	107.97	269.74	276.86	244.35
31. Other Commodities	14102.6	15849.4	21046.3	25325.8	25224.8	23203.9	24925	642.59	714.36	1009.36	1375.39	1506.03	1424.23	1615.05
Total Imports	288373.1	369769.5	489319.8	490737	450213.8	446534.8	380356.3	13637.36	16834.68	23454.65	26691.62	27154.34	27370.84	24860.24

Note : Data for 2015-16 are provisional and data for 2014-15 are revised.

Source : Directorate General of Commercial Intelligence and Statistics & RBI.

Table 5.4

Exports of Principal Commodities

Commodity / Year	(US \$ Million)							(` Billion)						
	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1. Tea	620.4	736.2	851.1	867.3	805.5	682.2	720.7	29.44	33.54	40.79	47.19	48.73	41.71	47.19
2. Coffee	428.3	660.6	946.2	865.9	793.2	813.4	782.5	20.32	30.1	45.35	47.11	47.99	49.73	51.23
3. Rice	2372.3	2542.9	5030.7	6222.8	7782.7	7855	5773.8	112.55	115.86	241.09	338.58	470.87	480.28	378
4. Other cereals	626.7	800.8	1146.2	1503.5	1186.4	860.6	242.7	29.73	36.48	54.93	81.81	71.78	52.62	15.89
5. Tobacco	915.7	874.7	836	924.5	1013.9	959.8	984.8	43.44	39.85	40.06	50.3	61.34	58.69	64.48
6. Spices	1253.9	1730.9	2734.1	2789.3	2503.5	2428.3	2501	59.49	78.87	131.03	151.77	151.46	148.48	163.74
7. Cashew	590.5	618.8	916.1	747.5	842.2	910.3	767.5	28.02	28.19	43.9	40.67	50.95	55.66	50.25
8. Oil Meals	1650.8	2429.5	2461.6	3036.1	2821.4	1329.5	532.2	78.32	110.7	117.96	165.2	170.7	81.29	34.84
9. Oil seeds	650	1019.2	1712.5	1369.4	1294.2	1739.8	1242.9	30.84	46.44	82.07	74.51	78.3	106.37	81.37
10. Fruits & Vegetables	1514.6	1445	1728	1796.3	2256.3	2154.8	2159.5	71.86	65.84	82.81	97.74	136.51	131.75	141.38
11. Cereal preparations & miscellaneous processed items	446.6	582.4	805	917.5	1151.9	1257.4	1305.3	21.19	26.54	38.58	49.92	69.69	76.88	85.46
12. Marine Products	2086.7	2615.6	3460.7	3462.8	5062.2	5509.7	4763	99	119.17	165.85	188.41	306.27	336.88	311.83
13. Meat, dairy & poultry products	1570.1	2295.7	3160.7	3802.3	5316.5	5391.8	4580.9	74.49	104.6	151.47	206.88	321.66	329.67	299.91
14. Iron Ore	5978.9	4872.1	4622.1	1651.3	1567	525.2	196.9	283.66	221.98	221.51	89.85	94.81	32.11	12.89
15. Mica, Coal & Other Ores, Minerals including processed minerals	2497.2	3707.9	3661.8	3809.2	4013.2	3901.6	3606.3	118.47	168.94	175.48	207.26	242.81	238.56	236.1
16. Leather & leather products	3277.8	3822.8	4686.1	4777.8	5590.2	6025.7	5401.3	155.51	174.18	224.57	259.96	338.22	368.43	353.61
17. Ceramic products & glassware	706	865.1	1050.7	1156.3	1294.4	1643.9	1706.7	33.5	39.42	50.35	62.91	78.31	100.52	111.73
18. Gems & Jewellery	28639.1	42314.3	46314.1	43045.1	41379.4	41248.4	39743.2	1358.74	1927.95	2219.51	2342.08	2503.53	2522.08	2584.25
19. Drugs & Pharmaceuticals	8880.7	10460.8	13150.5	14425.4	14944.2	15430.9	16883.6	421.33	476.62	630.21	784.88	904.15	943.5	1105.34
20. Organic & Inorganic Chemicals	6264.9	8212.4	11396.4	11477.3	12309.9	12472.1	11731.5	297.23	374.18	546.15	624.48	744.77	762.59	768.04
21. Engineering Goods	33618.9	50278.9	59923.3	59165.5	64078.5	73114.6	60569.9	1594.99	2290.84	2871.7	3219.19	3876.87	4470.49	3965.42
22. Electronic Goods	5614.2	8445.7	9078.8	8258.5	7860.6	6258	5947	266.36	384.81	435.08	449.35	475.58	382.63	389.34
23. Cotton Yarn/Fabs./made-ups, Handloom Products etc.	5317.4	7609.8	8987.9	9657	11090.4	10779.6	10100.8	252.27	346.72	430.73	525.44	670.99	659.11	661.29
24. Man-made Yarn/Fabs./made-ups etc.	3602.7	4274.9	5069.5	4535.7	5189.1	5275.2	4666.4	170.92	194.78	242.95	246.79	313.95	322.55	305.5
25. RMG of all Textiles	10717.2	11614.8	13710.7	12948.9	14994.2	16836.3	16956.4	508.46	529.2	657.06	704.55	907.18	1029.43	1110.11
26. Jute Mfg. including Floor Covering	217.8	459.2	464.5	390.4	382.7	347.2	563.7	10.33	20.92	22.26	21.24	23.15	21.23	36.9
27. Carpet	756	1032.4	920.3	1093.1	1178.1	1360.4	1441.7	35.87	47.04	44.1	59.48	71.27	83.18	94.39
28. Handicrafts excl. hand made carpet	713	760.1	993.4	988.3	1509	1378.1	1639.5	33.83	34.63	47.61	53.77	91.3	84.26	107.34
29. Petroleum Products	28192	41480	56038.5	60865.1	63179.4	56794.1	30423.5	1328.99	1887.79	2679.15	3308.19	3832.48	3460.82	1985.76
30. Plastic & Linoleum	3001.1	4266.1	5674.5	5599.2	6160.3	5738.3	5754.3	142.38	194.37	271.94	304.65	372.71	350.86	376.72
31. Other Commodities	16029.9	28306.8	34431.9	28251.2	24865.4	19329.9	18584.1	743.82	1278.68	1653.37	1539.03	1521.75	1182.09	1213.95
Total Exports	178751.4	251136.4	305963.9	300400.5	314415.9	310352.1	262273.6	8455.35	11429.23	14659.62	16343.19	19050.08	18964.45	17144.25

Note : Data for 2015-16 are provisional and data for 2014-15 are revised.

Data since 2009-10 are based on new commodity classification of DGCI & S.

Source : Directorate General of Commercial Intelligence and Statistics & RBI.

Table 5.5

Share of Sea-borne Trade in the Total Foreign Trade

(Value In Rs. Crore)

Year	Total Exports Including Re-exports	Share of Sea Borne in Exports(In Percentage)	Total Imports	Share of Sea Borne in Imports(In Percentage)	Share Of Sea Borne Trade To Total Foreign Trade (In Percentage)
1	2	3	4	5	6
1982-83	8803	79.0	14293	86.5	83.7
1983-84	9771	74.4	15831	85.4	81.2
1984-85	11744	77.3	17134	87.7	83.6
1985-86	10895	71.7	19658	87.9	82.2
1986-87	12569	65.8	20201	82.7	76.1
1987-88	15674	62.1	22244	77.2	71.0
1988-89	20232	59.7	28235	72.9	67.4
1989-90	27681	59.5	35416	69.6	65.2
1990-91	32553	67.3	43193	81.1	75.1
1991-92	44042	66.6	47851	80.8	74.0
1992-93	53688	64.9	63375	78.0	72.0
1993-94	69751	66.1	73101	96.0	81.4
1994-95	82673	64.3	89971	79.8	72.4
1995-96	106353	63.7	122678	80.7	72.8
1996-97	118817	67.4	138920	82.4	75.5
1997-98	130101	64.4	154176	74.7	70.0
1998-99	139752	62.2	178332	67.9	65.4
1999-00	159095	58.4	215528	68.8	64.4
2000-01	129940	64.5	156166	68.4	66.6
2001-02	209018	64.6	245200	68.2	66.5
2002-03	255137	65.1	297206	61.5	63.2
2003-04	293367	64.8	359108	65.1	65.0
2004-05	375340	66.2	501065	65.8	65.9
2005-06	456418	69.1	660409	70.3	69.8
2006-07	571779	64.2	840506	66.6	65.6
2007-08	655864	66.0	1012312	67.1	66.6
2008-09	840755	...	1374436	...	...
2009-10	845535	...	1363736	...	...
2010-11	1142923	...	1683468	...	...
2011-12	1465962	...	2345465	...	...
2012-13	1634319	...	2669162	...	...
2013-14	1905008	...	2715434	...	...
2014-15	1896445	...	2737084	...	...
2015-16	1714425	...	2486024	...	...

Source : DGCI & S, Ministry of Commerce

Table 5.6

Outlay And Expenditure-Port Sector (central)

(Rs. In Crore)

Port	Annual Plan (2009-2010)		Annual Plan (2010-11)		Annual Plan (2011-12)		Annual Plan (2012-13)		Annual Plan (2013-14)		Annual Plan (2014-15)		Annual Plan (2015-16)	
	App. Outlay	Actual Exp.	App. Outlay	Actual Exp.	App. Outlay	Actual Exp.	App. Outlay	Actual Exp.	App. Outlay	Actual Exp.	App. Outlay	Actual Exp.	App. Outlay	Actual Exp.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Kolkata (a)	58.00	48.85	50.88	49.76	63.73	21.29	28.45	17.34	38.03	5.86	43.75	23.04	46.00	7.73
Mumbai	192.00	146.09	179.58	116.76	176.57	142.05	279.79	149.30	427.60	24.87	50.00	76.53	230.79	31.51
JNPT	324.00	177.94	89.61	38.24	153.69	140.52	341.18	240.21	1559.10	137.58	647.54	294.82	235.85	83.98
Chennai	34.00	58.37	243.00	184.46	136.00	4.44	145.00	81.75	107.00	9.20	41.99	4.11	39.00	33.30
Cochin	191.97	190.93	259.35	160.86	115.08	92.21	93.45	78.47	123.05	3.40	42.84	17.20	3.00	6.81
Visakhapatnam	65.01	75.74	151.00	121.19	190.00	113.45	102.71	57.92	182.34	26.07	306.88	274.69	414.01	23.53
Kandla	115.00	62.64	45.66	52.70	92.27	52.82	166.89	138.44	145.45	28.30	100.00	324.47	308.92	5.26
Mormugao	71.00	31.01	66.29	71.52	108.93	69.17	71.36	46.95	110.00	24.75	82.87	61.17	13.76	3.68
Paradip	276.51	128.19	166.21	81.26	70.00	74.80	127.31	73.73	96.91	55.65	132.60	85.10	22.50	68.14
New Mangalore	34.00	32.48	31.00	24.56	36.00	38.45	36.00	45.50	75.00	8.04	50.00	67.94	64.35	17.83
Tuticorin	220.50	39.03	90.94	172.08	291.97	369.65	201.42	42.63	547.82	3.19	600.85	34.09	422.33	90.17
Ennore Port Ltd.	95.01	50.52	95.00	70.12	60.00	61.92	73.50	80.03	600.00	28.38	220.00	62.50	200.00	99.81
Sethusamudram Ship Canal Project	161.10	20.98	10.00	6.02	10.01	8.51	4.00	2.12*	6.00	1.42*	0.50	2.94*	477.5	0.69*
WEB Based EDI Port Community System	3.00	3.33	4.88	4.46	2.38	2.01	2.00	2.00	1.00	##	0.50	0.00	3.85	0.00
Others (b)	564.90	161.68	362.86	223.31	673.09	518.08	901.87	579.43	635.00	318.98	464.80	38.01	704.38	48.57
Survey Vessels	10.00	0.00	15.00	15.00	15.00	15.00	0.00	0.00##	0.00	0.00##	0.00	0.00	0.00	0.00
Total	2416.00	1227.78	1861.26	1392.30	2194.72	1724.37	2574.93	1633.70	4654.30	674.27	2785.12	1363.67	3186.24	520.93

(a) Includes Haldia and RR Schemes

(b) Includes DCI, ALHW, Studies, Green port initiative, Sagar Mala, Dev. of Non Major Ports, IT for D/Shipping Coastal Shipping Berths, Pollution cess, River Regulatory measures etc.

* The amount is received as equity from Govt. of India and other states & Rs. 66.63 advanced paid earlier now Transferred to revenue.

App. Outlay: Approved

- Not Available.

Source: Annual Plan-Port Sector (Deptt. of Shipping)/IPA

Port : All Ports

Type of Cargo		Indian Lines		Foreign Lines		Total
		Qty.('000 Tonnes)	% Share	Qty.('000 Tonnes)	% Share	Qty.('000 Tonnes)
General Cargo						
	Loaded	3239.63	12.05	23634.83	87.95	26874.46
	Unloaded	1420.24	4.22	32235.01	95.78	33655.25
	Total	4659.87	7.70	55869.84	92.30	60529.71
Container						
	Loaded	587.47	0.73	80289.73	99.27	80877.20
	Unloaded	741.83	0.86	85421.96	99.14	86163.79
	Total	1329.30	0.80	165711.69	99.20	167040.99
Dry Bulk						
	Loaded	1034.26	4.21	23511.24	95.79	24545.50
	Unloaded	29224.44	9.57	276045.90	90.43	305270.34
	Total	30258.70	9.17	299557.14	90.83	329815.84
POL/Product & Other Liquids						
	Loaded	3369.00	5.33	59889.43	94.67	63258.43
	Unloaded	30536.52	11.23	241377.03	88.77	271913.55
	Total	33905.52	10.12	301266.46	89.88	335171.98
Grand Total						
	Loaded	8230.36	4.21	187325.23	95.79	195555.59
	Unloaded	61923.03	8.88	635079.90	91.12	697002.93
	Total	70153.39	7.86	822405.13	92.14	892558.52

Source: Major Ports and State Maritime Boards

SECTION - III

APPENDICES

PORT ORGANISATION IN INDIA

Ports are meant to provide sea-borne vessels some basic services such as dock, harbour or berth facilities and landing facilities for the passengers and cargo. Apart from this, Ports provide the basic services in the form of cranes, warehouses and labour for cargo handling.

2. There are 12 Major Ports viz. Kandla, Mumbai, J.L.Nehru, Mormugao, New Mangalore, Cochin, Tuticorin(VO-Chidambaranar), Chennai, Ennore(Kamarajar), Visakhapatnam, Paradip and Kolkata and 205 minor/intermediate ports situated along the coast line of about 7521 Kms. and at sea islands. Four of the major Ports viz. Mumbai, Calcutta, Chennai and Mormugao are more than 100 years old. Cochin and Visakhapatnam Ports have celebrated their Golden Jubilee. The Ports of Kandla, Tuticorin, New Mangalore and Paradip were developed in the post independent period and are, thus, relatively new. J. L. Nehru Port at Nhava Sheva became operational in 1989. Ennore Port Ltd. which was dedicated to the Nation in February, 2001, is the first corporatised port registered under Companies Act, 1956.

3. Major Ports other than Ennore governed by the Major Port Trusts Act, 1963 and the Indian Ports Act, 1908 and the rules and regulations framed thereunder.

4. Each Major Port has a Board of Trustees representing various interests connected with the port operations and the shipping industry. The Chairman of each Major Port is appointed by Central Government. Besides Chairman, the Port Trust Board comprises Deputy Chairman, representatives of Customs, Railways, Defence, State Govt., Shipowners, Shippers, etc. All members of the Board, other than the Chairman and the Deputy Chairman are part time members.

5. Modernisation and development of Major Ports is a plan scheme. The Major Ports are empowered to receive loans from Government, raise loans in the open market and levy rates and fees for the services rendered. They are required to receive the prior approval of Central Govt. for the scale of rates, annual budgets and submit Annual Administration Reports. Their annual accounts are subject to audit by the Comptroller and Auditor General of India.

6. Ports mainly derive their revenue from cargo handled charges on the ships visiting them, and other related charges. The main sources of revenue from cargo traffic are (i) Wharfage/landing fees, cargo related charges, (ii) Crane hire charges, (iii) Rentals from warehouses, (iv) Demurrage charges, (v) Charges for providing rail and other transport for the cargo movement and providing water facilities for the visiting ships. Similarly the main sources of revenue from ship traffic are (i) Port dues, (ii) Pilotage, (iii) Berth-hire, (iv) Survey and measuring fees, (v) Ship repairs in dock areas.

7. The main activities of the Ports relate to (i) Maintenance of Port approaches, navigable channels and along side berths, dredging, conservancy, hydrographic surveys, (ii) Light houses and light vessels under the Port, (iii) Pilotage, towage, berthing and unberthing of visiting ships, (iv) Handling warehousing and transportation of goods in Port area, (v) Civil,

mechanical and electrical engineering and maintenance of harbour crafts and plants, (vi) Fire-fighting and fumigation, (vii) Storage, (viii) Medical, welfare & housing services, (ix) Management of port properties and estates.

8. For its various activities, each Port engages different types of labour. The workers employed by the Port authorities are generally known as 'Port Workers' and they work on shore and for work on board the ship, workers registered with Dock Labour Board known as 'Dock Labour' are engaged.

9. Major Development in port sector

- a) **Privatisation of port facilities** : The Government has laid down guidelines for private sector participation in the port sector. Following areas have been identified.
- i) Leasing out assets of the port.
 - ii) Construction and operation of container terminals, multipurpose cargo berths and specialised cargo berths, warehousing, storage facilities, tank farms, container freight stations, setting up of captive power plants etc.
 - iii) Leasing of equipment for cargo handling and leasing of floating crafts from the private sector.
 - iv) Pilotage.
 - v) Captive facilities for port based industries.
- b) Government have also issued guidelines on joint venture formation in Major Ports which have come into force with effect from 1.9.2000. In order to attract private sector investment, model bid documents have been finalised for private sector projects laying down transparent bidding procedure, qualifications and selection criteria, bid evaluation procedure, termination payment, dispute resolution process etc. and detailed terms and conditions of the License Agreement, inter-alia, aiming at bankability, uniformity and reduction in time taken to select private parties.
- c) The powers of the port trust Boards have been increased to Rs. 50 crores in respect of additions/modifications/new investments and to Rs. 100 crores in case of replacement/renewal of assets.
- d) **Maritime States Development Council (MSDC)** : With a view to have an integrated approach for the development of both Major and Minor Ports, a maritime States Development Council was constituted under the Chairmanship of the Honourable Minister of Shipping. The Ministers in-charge of Ports in all Maritime States, UT of Pondicherry and A&N Administration, Daman & Diu and Lakshadweep are its members.
- e) **Tariff Authority for Major Ports (TAMP)** : The Major Port Trust Act, 1963 was amended by Port Laws (Amendment) Act, 1997 (15 of 1997) to provide for an independent Tariff Authority for Major Ports for fixing and revising the port tariff. An independent authority for the above purpose has been set up on 10.4.1997. The Major Port Trust Act, 1963 was further amended in the year 2000 for allowing major ports to form joint ventures with minor/foreign ports as well as companies

DEFINITIONS OF TERMS USED

1. **Load Line** Outer line on the body of a ship upto which she submerges in water with safety. It varies according to the seasons and waters in which she plies.
2. **Draft** The depth necessary to submerge a ship to their load line.
3. **Dead Weight Tonnage(DWT)** It is the number of tons of (2240 pounds) stores, fuel and cargo that a ship can transport. This presents the actual carrying capacity of a ship.
4. **Gross Registered Tonnage (GRT)** It applies to the vessels and not to cargo. It is the weight of the volume occupied by the closed-in-spaces of a ship taking 100 cubic feet of such closed-in-spaces as equivalent to one vessels ton. It thus refers to the cubic capacity of the vessels.
5. **Net Registered Tonnage (NRT)** It refers to the earning space capacity of a ship available for the storage of cargo and accommodation of passengers. It is obtained by deducting from GRT the cubic capacity space (taking 100 cubic feet = 1 ton) occupied by stores, fuel, machinery, crew etc. which does not represent the earning capacity of the ship.
6. **Ore/Oil and Bulk Carrier** A bulk cargo ship designed to carry ore and oil enabling there by to be loaded in both directions.
7. **Tankers** Cargo ships constructed or adopted for the carriage in bulk of liquid cargoes of an inflammable nature.
8. **Sailing Vessel** Any description of vessel provided with sufficient sail area for navigation under sails along whether or not fitted with mechanical means of propulsion and includes a rowing boat or crane but does not include a pleasure craft.
9. **Roll-on/Roll-off Vessel** It is frequently called a vehicle ferry. It is designed for the conveyance of road vehicles and private cars. At each terminal port, a tramp of link span is provided enabling the vehicles to drive on or off the vessels, thereby eliminating crantage and cargo handling (and also pilferage) and permitting a quick turn round of the ships.
10. **Berth-Day** A day of occupation of a berth (quay or mooring) by a ship.
11. **Ship-Day** A day spent in harbour by a ship.

12.	Turn-Round Time	Total time spent by a ship since its entry till its departure.
13.	Port Dues	A levy of port authority on a ship.
14.	Pilotage	A port charge for guiding a ship in or out of a harbour through channels, passages or other waters by an authorised pilot.
15.	Output per Berth Day	Total tonnage handled distributed over the total number of berth days.
16.	Idle Time	Non-working time of a ship (without loading or unloading of cargo) at berth.
17.	Pre-berthing Detention	The time for which a ship waits before getting entry into a berth.
18.	Berth Occupancy	The time for which a berth is occupied (by ships).
19.	Export	Loaded overseas traffic.
20.	Import	Unloaded overseas traffic.
21.	Traffic	A scalar with only magnitude but no direction such as the total of exports and imports or loaded and unloaded cargo.
22.	Traffic flows	A vector with magnitude and direction such as passengers embarked/disembarked or cargo exports/imports.
23.	Gang	Gang is a group of workers formed as one unit for the purpose of handling cargo in the act of discharging from or loading on to the ship inside the ship inside the hatch-hold of the vessel or in the deck as per necessity.
24.	Gang shift	Refers to a gang (irrespective of number of persons in the gang) working in one shift.
25.	Gang hours	Number of hours per shift multiplied by number of gang shift.
26.	Cranage	The hire charges for providing a port crane for cargo handling.
27.	Wharfage	A port charge on the ships for all cargo conveyed on over or through a wharf/berth.