

# भारत के मूल पत्तन आंकड़े

## BASIC PORT STATISTICS OF INDIA

### 2012-13



परिवहन अनुसंधान प्रभाग  
TRANSPORT RESEARCH WING  
पोत मंत्रालय  
MINISTRY OF SHIPPING  
भारत सरकार  
GOVERNMENT OF INDIA  
नई दिल्ली  
NEW DELHI

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सत्यमेव जयते

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## P R E F A C E

The Transport Research Wing (TRW) of Ministry of Road Transport & Highways 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.

2. The present issue, Basic Port Statistics of India 2012-13 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.

3. 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.

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(Dr.Vishwapati Trivedi )

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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

## Port Sector at a Glance

Item	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
1	2	3	4	5	6	7	8
<b>1. No. of Ports (Number)</b>							
Major Port	12	12	12	12	12	12	12
Non-Major Port	187	187	187	187	199	200	200
Total	199	199	199	199	211	212	212
<b>2. Cargo Handled (Million Tonnes)</b>							
Major Port	463.78	519.31	530.80	561.09	570.09	560.19	545.83
Non-Major Port	184.92	206.38	213.22	288.94	315.36	353.74	387.92
Total	648.7	725.69	744.02	850.03	885.45	913.93	933.75
<b>3. Containers</b>							
Major ('000 TEUs)	5537	6705	6578	6969	7561	7651	7714
('000 Tonnes)	73469	92247	93440	101287	114158	120276	119866
<b>4. Passenger Traffic ('000 Nos.)</b>							
Major Port	431	483	330	460	344	465	408
Non-Major Port	15502	16108	17294	13523	13535	209744	216445
Total	15933	16591	17624	13983	13879	210209	216853
<b>5. Employment ('000 Nos.)</b>							
Major Port	60	59	57	55	53	53	52
Non-Major Port	3	3	3	3	3	3	17
<b>6. Financial Performance - Major Ports (Rs. Million)</b>							
a) Total Revenue	68709	71893	75211	79767	80084	92672	90965
b) Total Expenditure	44221	46677	57315	65173	70431	83299	80397
<b>7. Performance Indicators- Major Ports</b>							
a) Total Cargo Vessels Sailed(Nos.)	20168	21529	21366	22047	22022	21163	19851
b) Av. Turn Round Time (Days)	3.65	3.98	4.20	4.63	5.29	4.56	4.29
c) Av. Pre-berthing Detention (Days)	1.20	1.55	1.63	2.16	2.32	2.05	1.79
On Port Account	0.39	0.46	0.39	0.49	0.5	0.45	0.50
On Non Port Account	0.81	1.09	1.24	1.67	1.82	1.60	1.29
d) Output per ship berth day (Tonnes)	10326	9440	9669	9215	9140	10575	11812
Container	19570	13776	15223	16272	17583	16968	19754
Break-Bulk	1839	1488	1647	1724	1922	1989	2384
Dry Bulk- Mechanical	22431	20057	18104	17044	13114	17740	19125
Conventional	6042	6394	6518	5985	6773	7712	7884
Liquid Bulk	17575	17034	17430	16445	16073	16533	18685

# **SECTION – I**

## ***MACRO ECONOMIC DEVELOPMENT AND PERFORMANCE OF INDIAN PORTS - HIGHLIGHTS***

# **A . GLOBAL ENVIRONMENT & SEA-BORNE TRADE**

## **1. International and Domestic Factors Related to Seaborne Trade.**

1. The world economy slowed down in 2012 with GDP increasing by 2.2 per cent, down from 2.8 per cent in 2011. Growth in GDP decelerated in all three country groupings, namely to 1.2 per cent in developed countries, to 4.6 per cent in developing economies and to 3.0 per cent in economies in transition. For comparison, equivalent growth rates in 2011 were 1.5 per cent, 5.9 per cent and 4.5 per cent, respectively. While still growing at a reasonable rate, developing economies and the economies in transition are increasingly being affected by the problems in Europe and the fragile recovery in the United States. Spillover effects have filtered down through various channels, including through trade by depressing the demand for the exports of developing countries and the economies in transition. Countries such as the Russian Federation, Brazil and China are, in addition to falling export volumes, facing internal problems and some structural challenges.

**1.2** Economic growth in China slowed from 9.3 per cent in 2011 to 7.8 per cent in 2012, the lowest rate in more than a decade. The deceleration is indicative of China's efforts to slow down the pace of its economic growth, mainly to reduce inflationary pressures. Growth in India and growth in newly industrialized economies such as the Republic of Korea also decelerated, owing to a large extent to a reduced European demand for these countries' exports. Economies in transition continued to grow in 2012, albeit at a moderate pace of 3 per cent. Strong energy prices supported growth in the energy-exporting economies of Kazakhstan and the Russian Federation. While the adverse effects of the crisis in Europe hampered economic expansion in countries and regions such as the Republic of Moldova, Ukraine and Eastern Europe. UNCTAD expects GDP growth to remain flat in 2013 with the global economy still struggling to return to a strong and sustained growth path. A number of factors are undermining a sustained global economic recovery, including the continued impacts of the financial and economic crises that started in 2008, as well as of the unsustainable financial processes and domestic and international imbalances that have led to the crises. In several countries weaker growth may also be partly due to macroeconomic policy choices.

**1.3 Table 1** gives the growth of cargo at Indian ports and related parameters of Indian and world trade.

<b>Table 1: Growth in Cargo handled at Indian Ports and related parameters (in %)</b>				
<b>Parameters</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>
<b>Trends in India's Select : Macro Parameters</b>				
<b>I. Total Cargo</b>	14.3	4.2	3.2	2.2
(a) Major Ports	5.8	1.6	-1.7	-2.6
(b) Non Major Ports	35.7	9.1	12.2	9.7
<b>II. GDP overall</b>	8.4	9.3	6.2	5.0
(a) Agriculture	1.0	7.9	3.6	1.9
(b) Industry	8.4	9.2	3.5	2.1
(c) Services	10.5	9.8	8.2	7.1
<b>III. Foreign Trade</b>				
(a) Export in \$ value	-3.5	40.5	21.8	-1.8
(b) Import in \$ value	-5.0	28.2	32.3	0.32
<b>Trends in Select : Global Indicators</b>				
<b>IV. World Output</b>	-0.6	5.1	3.9	3.2
(a) Advanced Economies	-3.5	3.0	1.7	1.5
(b) Developing Economies	2.7	7.4	6.2	4.9
<b>V. World Economic Growth</b>	-2.2	4.1	2.8	2.2
(a) Advanced Economies	-3.8	2.6	1.5	1.2
(b) Developing Economies	2.4	7.9	5.9	4.6
(c) Transition Economies	-6.6	4.5	4.5	3.0
<b>VI. World Trade Volume (Goods)</b>	-11.7	14.1	6.5	2.5
<b>VII. Export Volume growth (Goods)</b>				
(a) Advanced Economies	-11.6	12.4	5.7	2.0
(b) Developing Economies	-8.0	14.0	6.8	4.2
<b>VIII. Import Volume (Goods)</b>				
(a) Advanced Economies	-12.1	11.7	4.7	1.0
(b) Developing Economies	-8.3	14.7	8.8	5.5
<b>IX. World Seaborne Trade*</b>	-5.0	7.4	4.3	4.4
(a) Goods Loaded	-4.5	7.0	4.5	4.3
(b) Goods Unloaded	-5.5	7.8	4.2	4.4
<p>I. Based on data from Major Ports and Non Major Ports            II. Based on gross domestic product (GDP) at Factor Cost (2004-05 Prices), Central Statistical Organization;            III. Based on Department of Commerce, DGCI&amp;S and RBI Bulletin            IV, VI, VII &amp; VIII Based on World Economic Outlook, October ,2013, IMF;            V &amp; IX. Based on Review of Maritime Transport, 2013, UNCTAD  <b>Note</b> : MT: Million Tonnes; For item Nos IV, VI, VII &amp; VIII year 2009-10 refers to calendar year 2009 and so on; * growth in total goods loaded plus unloaded;</p>				

## Selected Emerging Trends Affecting Seaborne Trade

**1.4** Despite the positive growth in 2012, international seaborne trade remains vulnerable to many downside risks and exposed to some potentially game-changing trends that could redefine the maritime transport operating landscape. International shipping is facing a new and complex environment that involves both challenges and opportunities, including the demand and supply mismatch, continued global economic uncertainty and geopolitical tensions. Of all the prevailing challenges however, the interconnected issues of energy security and costs, climate change and environmental sustainability are perhaps the most unsettling. Climate change in particular continues to rank high on the international policy agenda, including of shipping and port business. With climate change effects already being felt globally and in the absence of adequate climate change mitigation and adaptation action, shipping and ports and therefore international seaborne trade are likely to be severely affected by the potentially devastating impacts of this change (for example, extreme weather events and rising sea levels).

### General Trends in Seaborne Trade

<b>Year</b>	<b>Oil and gas</b>	<b>Main Bulk#</b>	<b>Other Dry Cargo</b>	<b>Total</b>
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	2836	2665	3664	9165

# iron ore, grain, coal, bauxite/alumina and phosphate . The data for 2006 onwards are based on various issues of the Dry Bulk Trade Outlook, produced by Clarkson Research Services.  
Source: Review of Maritime Transport,2013,UNCTAD

**1.5** Driven in particular by a rise in China's domestic demand as well as increased intra-Asian and South-South trade, international seaborne trade performed better than the world economy, with volumes increasing at an estimated 4.3 per cent in 2012, nearly the same rate as 2011. About 9.2 billion tonnes of goods were loaded in ports worldwide, with tanker

trade (crude oil, petroleum products and gas) accounting for less than one third of the total and dry cargo being responsible for the remaining lion's share. Strong growth (5.7 per cent) in dry-cargo shipments remained the mainstay of the expansion in 2012, driven in particular by continued rapid growth in dry bulk volumes. Fuelled by growing Asian demand for iron ore and coal and in line with the long-term trend, major dry-bulk shipments expanded at the rate of 7.2 per cent. China, which has contributed significantly to the growth of seaborne trade in recent years, continues to generate impressive import volumes. Although iron-ore import growth has moderated compared with high previous levels, coal has stepped in to fill the gap.

**1.6** Reflecting to a large extent their increased participation in the world trading system, developing countries continued to contribute larger shares to international seaborne trade. In 2012, they accounted for 60 per cent of global goods loaded and 58 per cent of goods unloaded in 2012. However, while the group's share has been on the rise, contributions by individual countries have been uneven, reflecting their respective varying levels of integration into global trading networks and supply chains.

**1.7** While, in line with previous trends, cargo volumes loaded in the ports of developing countries exceeded the volumes of goods unloaded, their shares have nevertheless evolved over the past four decades to reach near parity in 2012. Driven by the fast-growing import demand in developing regions . fuelled by their industrialization process and rapidly rising consumer demand . for the first time ever the share of goods unloaded in developing countries is likely soon to surpass their share of goods loaded

### **Crude Oil and Petroleum products**

**1.8** Volumes of crude oil and refined petroleum products grew marginally at 1.5 per cent in 2012. Though the economic slowdown, high oil price levels and new technologies have dampened demand for crude oil, petroleum-product trade fared better in comparison.

**1.9** Reflecting oil supply and demand dynamics, global crude-oil shipments grew by 1.3 per cent in 2012 with total volumes reaching 55.3 million bpd. Crude oil carried on board tankers accounted for two thirds of this total and increased by an estimated 1.5 per cent taking the total volume to 1.78 billion tonnes. Growth was particularly boosted by increased

global production and inventory-building ahead of the embargo involving oil trade with the Islamic Republic of Iran.

**1.10** In 2012, crude oil import volumes increased by 7.4 per cent in China and over 4.0 per cent in India (British Petroleum, 2013). As these countries continue to build local refineries, their crude oil imports will also increase, including from sources in West Africa and Latin America. This trend is likely to alter the direction of cargo flows, raise demand for tankers and increase tonne. miles. However, a potentially offsetting pattern is that a growing proportion of imports into China are likely to be delivered through pipelines from Kazakhstan, the Russian Federation and Myanmar. New trading lanes both for refined petroleum products and crude oil are emerging in tandem with changes in production, volume and structure of demand as well as the location of global refineries.

#### **Dry-cargo Bulks:**

**1.11** Despite the weakness of the global economy, dry cargo trade volumes continued to grow at a healthy rate of 5.7 per cent in 2012, taking total volumes above the 6 billion tonnes mark. The volume of dry-bulk cargo including the five major bulk commodities (iron ore, coal, grain, bauxite/alumina and phosphate rock) and minor bulks( agri bulks, fertilizers, metals, minerals, steel and forest products) increased by 6.7 per cent in 2012 (Clarkson Research Services, 2013). A breakdown of this total indicates that much of the growth was generated by the expansion in the five major bulk commodities (7.2 per cent) and to a lesser extent by growth in the minor bulks (4.6 per cent), which in volume terms have added nearly 500 million tonnes to world seaborne trade between 2002 and 2012 (Clarkson Research Services, 2013). During the year the five major bulk commodities totalled about 2.7 billion Tonnes while the volume of minor dry bulks reached 1.4 billion tonnes. Together, major and minor dry bulks accounted for nearly two thirds of global dry-cargo volumes. The main caution, however, to growth in dry-bulk trade is the continued high dependence on the Asian demand and on only two key commodities, namely iron ore and coal.

#### **Coal**

**1.12** Coal is the fastest-growing fossil fuel, accounting for 30 per cent of global primary energy consumption in 2012. Driven by non-OECD countries, global consumption expanded by 2.5 per cent in 2012 while production increased by 2 per cent (British Petroleum, 2013).

During the year, the total volume of coal shipments (thermal and coking) increased at an annual rate of 12.3 per cent and surpassed the 1.06 billion tonnes mark for the first time. Thermal-coal trade, which accounted for 78 per cent of the total, increased at a strong rate of 14.2 per cent in 2012.

**1.13** Coking-coal trade grew 5.4 per cent in 2012 driven by increases in import volumes of 43.7 per cent and 8 per cent in China and India, respectively. Elsewhere, imports into Europe and the Republic of Korea were constrained by limited growth in steel production.

**1.14** Coal trade is set to grow in tandem with growing import demand from China and as Indian installations of coal-fired power stations expand. However, growing environmental regulation, including in Europe, together with the upside potential of China given its large domestic coal resources, may have an offsetting effect and result in a much moderated growth.

**1.15** In a separate development, it should be noted that new coal power plants are expected to come on stream between 2012 and 2020 in Europe. These plants should reach a capacity nearly double the existing capacity during the preceding eight-year period and result in approximately 80 power plant units being newly built or replaced (Research and Markets, 2012). These developments are likely to affect demand for coal and further shape the flows and patterns of coal trade.

### **Iron ore shipments and steel production and consumption**

**1.16** As iron ore is a key ingredient used in steel production, its trade is largely determined by developments in the steel sector. According to data from the World Steel Association, global apparent steel use and steel production each increased by 1.2 per cent during 2012 (World Steel Association, 2013). China continued to increase its production with its market share rising from 45.4 per cent in 2011 to 46.3 per cent in 2012. Against this background, iron-ore trade expanded by 5.4 per cent in 2012, taking the total volumes to 1.11 billion tonnes. Major iron-ore exporters were Australia, Brazil, Canada, India, South Africa and Sweden. Together, Australia and Brazil account for 73.5 per cent of global exports. Australia, the largest world exporter (44.5 per cent share), increased its shipments by 12.8 per cent. Similarly, other exporters such as Canada, South Africa and Sweden have also

increased their shipments, while in India, mining bans and taxes on iron-ore exports have significantly constrained the country's export volumes ( - 52.8 per cent). As a result, India's market share declined and a structural shift unfolded, whereby India has moved from being a major exporter to a net importer and its import demand is likely to increase over the next few years.

### **Dry cargo: Minor bulks**

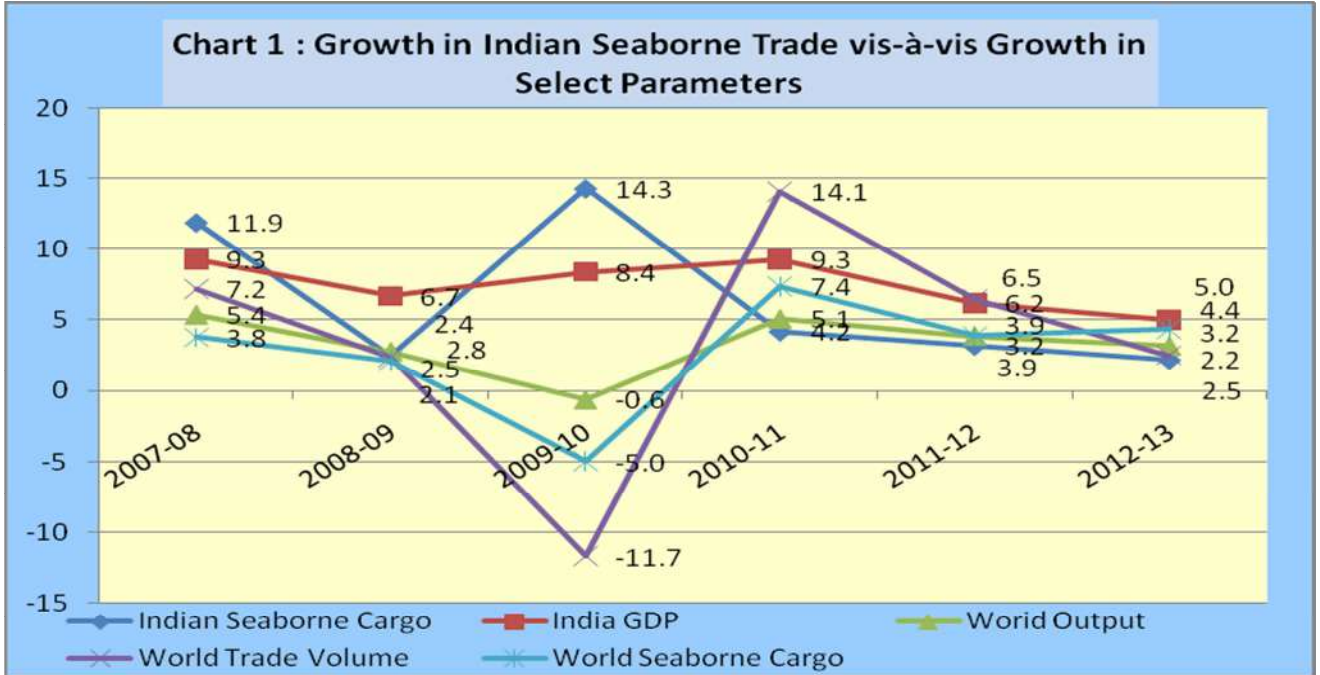
**1.17** In 2012, minor-bulks trade increased at a slower annual rate than in the previous year, growing by 4.6 per cent and taking the total volumes to 1.4 billion tonnes. Metals and minerals accounted for 45.6 per cent of this total followed by manufactures (33.0 per cent) and agribulks (21.3 per cent). The largest growth was recorded in the metals and minerals segment (for example, cement, nickel ore, anthracite) with volumes growing by 6.0 per cent year-on-year. The next largest contributor to growth was the manufactures sector (for example, steel and forest products) with 3.6 per cent annual growth. Recently, trade patterns have been shifting in the manufactures sector owing to the surge in Chinese exports with flows destined mainly for other Asian countries, Africa and developing America. Ample supply of the more affordable Chinese steel, supported by a strong global demand, has boosted trade in steel products. Finally, agribulks (soymeal, oilseed/meal and rice) also expanded at 3.5 per cent, despite a drop in sugar and potash volume.

### **Other dry cargo: Containerized trade**

**1.18** For many decades, containerized trade has been the fastest-growing market segment accounting for over 16 per cent of global seaborne trade by volume in 2012 and more than half by value (in 2007). Containerized trade, which accounted for 65 per cent of other dry cargo in 2012 (that is, nearly two thirds of the 2.28 billion tonnes of dry cargo that remain after removing dry-bulk commodities), increased by 3.2 per cent in 2012, down from 13.1 per cent in 2010 and 7.1 per cent in 2011. The sharp deceleration resulted from the depressed volumes on the main lane East. West trade, in particular, the Asia. Europe trade route.

## 1.2 India: Seaborne Cargo Traffic

1.2.1 The growth in India's GDP, Port traffic and growth in World output, export volume and seaborne trade (loadings and unloading) since 2007-08 is given in **chart I**.



Source: Growth rates for India's GDP and Cargo Traffic are based on statistics released by Central Statistical Organization and data available with Transport Research Wing of M/o Shipping, Road Transport & Highways and pertain to fiscal year. Growth rates in the World Output, World Trade Volume and World Sea-borne Trade refer to calendar years (2007-08 refers to 2007 and so on) based on World Economic Outlook, April 2013, IMF and Review of Maritime Transport, 2013, UNCTAD.

## 2. India's Maritime Trade

2.1 India's maritime trade comprises of export-import trade in various bulk and non-bulk commodities. Over the last decade, since the launch of economic reforms, there has been a steady increase in handling of cargo traffic at Indian ports. Though India's share in global exports is about 1%, 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.

### Indian Shipping Share in the Total Overseas Cargo Carried

2.2 During 2012-13, the total overseas cargo handled at Indian ports was placed at 771.76 million tonnes. The share of Indian Flag vessels in carrying this total cargo is summarized in **Table 2A**.

<b>Table 2A : India's Overseas Cargo Carried by Indian Flag Vessels during 2011-12 &amp; 2012-13</b>				
(In Million Tonnes)				
<b>Type of Cargo</b>	<b>2011-12</b>		<b>2012-13</b>	
	<b>Total Overseas Cargo</b>	<b>Share of Indian Lines</b>	<b>Total Overseas Cargo</b>	<b>Share of Indian Lines</b>
Break Bulk	63.68	6.75(10.60)	71.47	4.64(6.49)
Container	140.64	2.89(2.05)	140.14	2.28(1.63)
Dry Bulk Cargo	272.58	24.41(8.95)	260.12	22.23(8.55)
Liquid Bulk Cargo	277.97	48.04(17.28)	300.03	41.08(13.69)
<b>Total</b>	<b>754.87</b>	<b>82.09(10.87)</b>	<b>771.76</b>	<b>70.23(9.10)</b>
Figures in parenthesis indicate the percentage share of Indian vessels in respective cargo categories. Source: Major & Non-Major Ports				

2.3 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 9.10% of the country's overseas cargo during 2012-13 as against 10.87% in 2011-12.

## B. AN OVERVIEW OF PERFORMANCE OF INDIAN PORTS

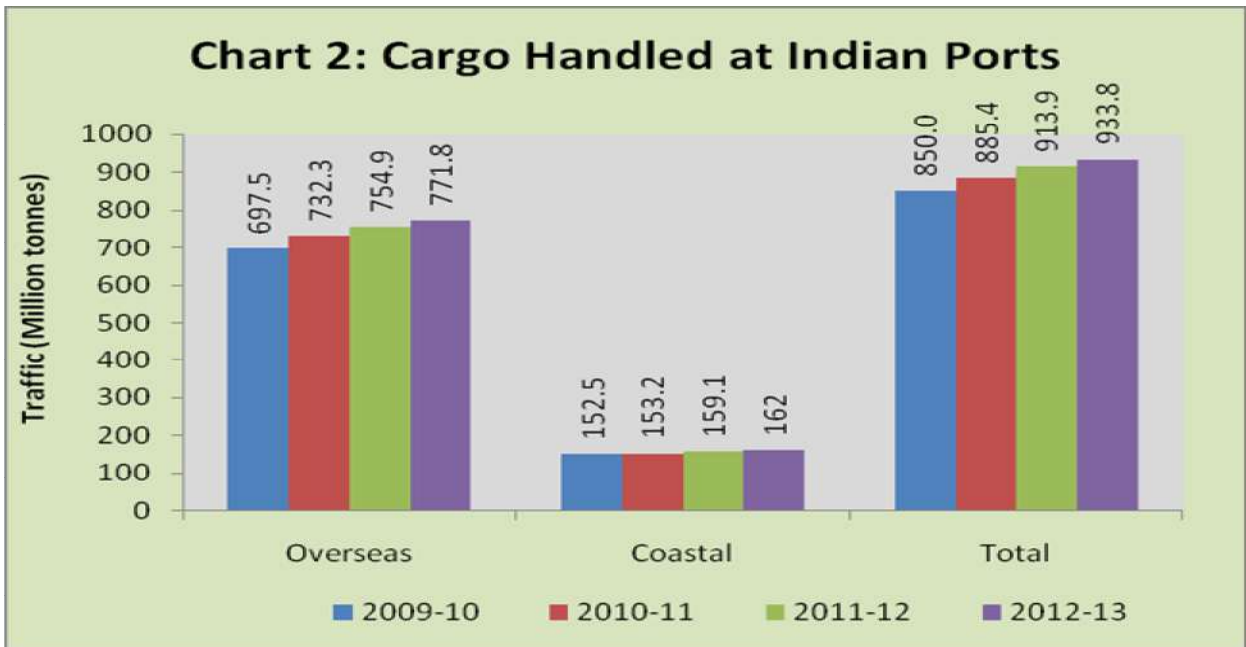
### 3. PORT INFRASTRUCTURE

3.1 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 200 notified non-major ports along the coast-line and sea-islands.

### 4. TOTAL TRAFFIC

4.1 The total cargo handled at Indian Ports (major and non-major) increased to 933.8 million tonnes in 2012-13 from 913.9 million tonnes in 2011-12 reflecting small increase of 2.2% during 2012-13. India's major ports handled more than 58% 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 2008-09 to 2012-13 is given in the Table: 3

Port	2008-09			2009-10			2010-11			2011-12			2012-13		
	OT	CT	TT	OT	CT	TT	OT	CT	TT	OT	CT	TT	OT	CT	TT
<b>Major</b>	2.0	2.9	2.2	6.21	3.6	5.7	2.46	-2.01	1.60	-2.28	0.58	-1.75	-3.46	1.40	-2.56
<b>Non Major</b>	3.5	2.1	3.3	32.7	53.1	35.5	9.70	6.19	9.14	12.51	10.26	12.17	10.77	3.38	9.66
<b>All Ports</b>	2.5	2.8	2.5	14.2	14.6	14.3	4.98	0.43	4.17	3.12	3.63	3.21	2.2	2.07	2.17
<b>Note: OT - overseas cargo traffic; CT - Coastal cargo traffic; TT - Total cargo traffic</b>															



4.2 The period 2000-01 to 2012-13 saw compound annual growth rate (CAGR) of 8.06% in total cargo throughput at Indian ports. During this period, the annual growth of 28.67% in Cargo handled at non-major ports was more than 3 times the growth in cargo traffic at major ports of 7.85%. However, the growth in cargo handled by major and non-major port during 2012-2013 was (-) 2.56% and 9.66% respectively.

## 5. SHARE OF MARITIME STATES IN TOTAL SEABORNE CARGO TRAFFIC

5.1 The share of major maritime States of India in cargo handled is given in **Table 4**.

**Table 4 : State-wise Cargo Traffic at Indian Ports during 2012-13**  
(Million Tonnes)

Name of the State	Major Ports	Non-Major Ports	Total
1. Gujarat	93.62	287.82	381.44
2. Maharashtra	122.53	24.2	146.73
3. Goa	17.74	3.39	21.13
4. Karnataka	37.04	0.61	37.65
5. Kerala	19.84	0.10	19.94
6. Tamil Nadu	99.55	0.93	100.48
7. Andhra Pradesh	59.04	51.81	110.85
8. Orissa	56.55	11.07	67.62
9. West Bengal	39.92	-	39.92
10. Others(a)	0.00	8.00	8.00
<b>TOTAL</b>	<b>545.83</b>	<b>387.92</b>	<b>933.75</b>

5.2 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 more than 74% 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 15.7%, 11.9% and 10.8% respectively in India's total seaborne traffic.

### Composition of Cargo throughput at all Ports

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 5**.

Table 5 : Commodity-wise Traffic Handled by All Ports (Million Tonnes)							
Year	Commodity-wise Traffic						
	POL & products	Iron Ore	Cement & clinker	Coal	Fertiliser & FRM	Others	Total
2003-04	182.26 (10.17)	76.19 (19.87)	13.89 (14.04)	64.75 (10.97)	15.09 (-6.33)	111.48 (10.99)	463.66 (9.91)
2004-05	194.21 6.56	97.6 28.10	14.97 7.78	74.17 14.55	18.43 22.13	121.34 8.84	520.72 12.31
2005-06	211.81 9.06	108.06 10.72	14.47 (3.34)	82.4 11.10	22.91 24.31	134.04 10.47	573.69 10.17
2006-07	227.08 7.21	114.58 6.03	16.39 13.27	78.64 (4.56)	25.88 12.96	186.12 38.85	648.7 13.08
2007-08	257.93 13.59	123.05 7.39	17.99 9.76	83.58 6.28	25.01 (3.36)	218.13 17.20	725.69 11.87
2008-09	272.02 5.46	128.53 4.45	14.66 (18.51)	98.39 17.72	26.85 7.36	203.57 (6.67)	744.02 2.53
2009-10	312.58 14.91	149.71 16.48	14.69 0.20	113.06 14.91	27.23 1.42	232.76 14.34	850.03 14.25
2010-11	325.26 4.06	131.64 (12.07)	13.08 (10.96)	133.61 18.18	38.97 43.11	242.88 4.35	885.44 4.17
2011-12	330.16 1.51	91.34 (30.61)	14.37 9.86	157.82 18.12	36.14 (7.26)	284.1 16.97	913.93 3.22
2012-13	349.3 5.80	49.15 (46.19)	11.95 (16.84)	196.06 24.23	27.35 (24.32)	299.95 5.58	933.75 2.17

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 37.4% of the total seaborne traffic followed by Coal (21.0%), Iron Ore (5.3%) and Fertilizer & Fertilizer Raw Material (2.9%) in 2012-13. General cargo comprising of container cargo and break bulk constituted 23.6% of the cargo.

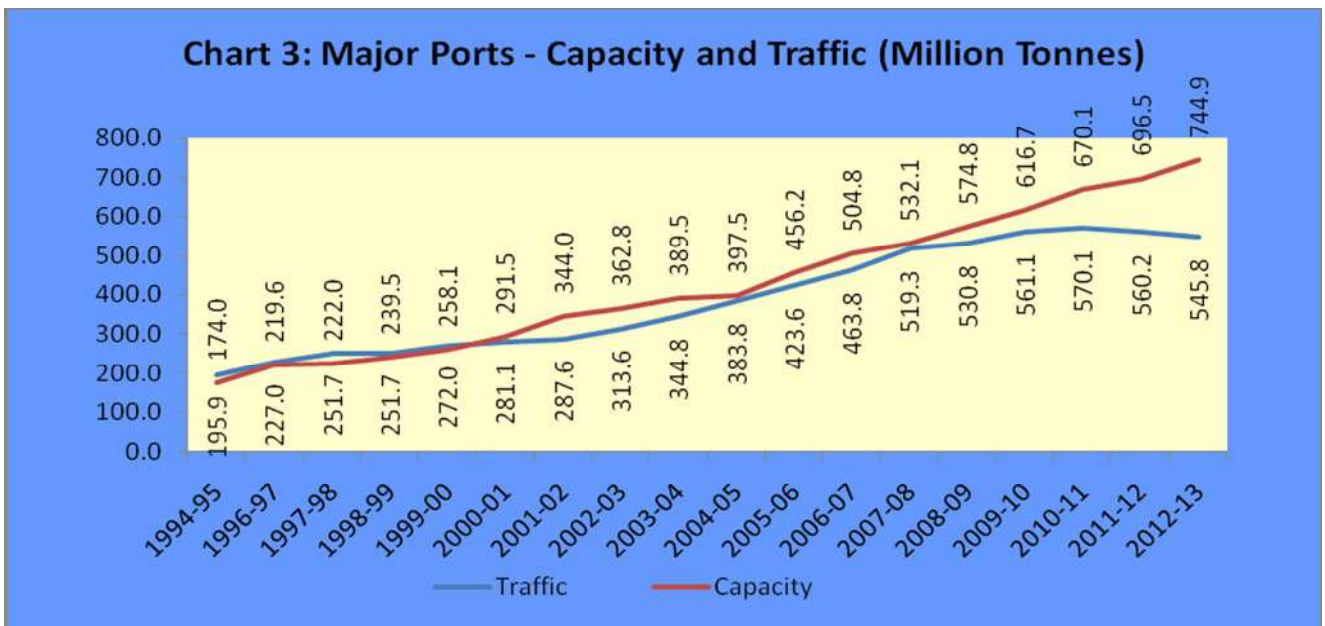
## C . PERFORMANCE OF MAJOR PORTS

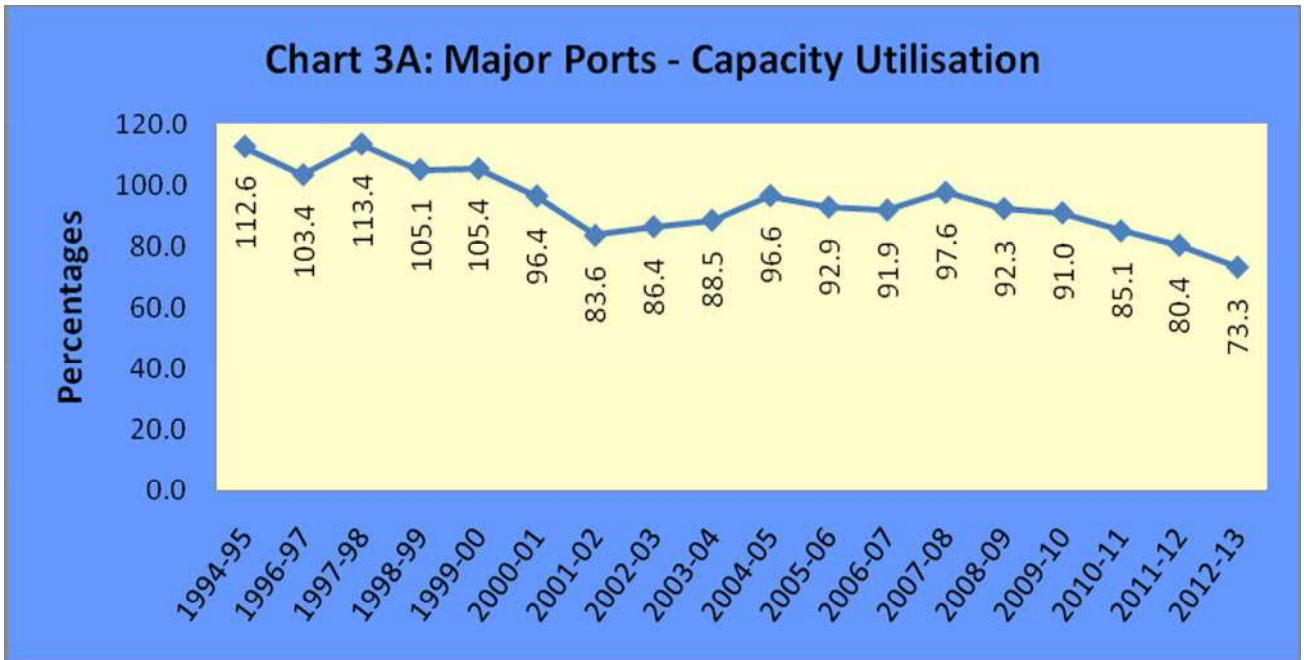
### 6. CARGO TRAFFIC HANDLED

6.1 The twelve major ports in India handled more than 58% of the maritime cargo traffic of the country in 2012-13. Traffic handled at the major ports has been increasing over the years in tandem with the economic activity and volume of trade turnover. The total traffic handled by the major ports has recorded nearly threefold increase from 195.9 million tonnes in 1994-95 to 545.83 million tonnes in 2012-13 (**Chart 3**).

6.2 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 744.91 million tonnes at the end of 2012-13.

6.3 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 1994-95 till 1999-2000 and subsequent years till 2012-13 is present in **Chart-3A**.





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

7.1 The overseas and coastal cargo handled during 2012-13 by major ports was of the order of 438.83 million tonnes and 107.01 million tonnes respectively. The Overseas Cargo traffic declined by -3.4% in 2012-13. The Coastal cargo traffic growth was 1.0% in 2012-13 over 2011-12.

7.2 The Cargo traffic in terms of coastal and overseas categories at Major Ports in 2012-13 is given in Table 6. Amongst the major ports, Kandla Port accounted for the highest share of 17.2% in the total cargo traffic at all major ports during 2012-13 followed by J. L. Nehru, Vishakhapatnam, Mumbai Port, Paradip and Chennai. The cargo traffic at Mormugao Port was overwhelmingly outward oriented with overseas cargo accounting for a share of 95.8 % in the total cargo handled at the port.

<b>Table 6 : Major Port wise-share of cargo handled</b>						
<b>(Million Tonnes)</b>						
<b>Port</b>	<b>2011-12</b>			<b>2012-13</b>		
	<b>Overseas</b>	<b>Coastal</b>	<b>Total</b>	<b>Overseas</b>	<b>Coastal</b>	<b>Total</b>
<b>Kolkata Dock System</b>	11.33 (2.49)	0.90 (0.85)	12.23 (2.18)	10.73 (2.45)	1.11 (1.04)	11.84 (2.17)
<b>Haldia Dock Complex</b>	24.51 5.39	6.51 6.15	31.02 5.54	22.93 5.23	5.16 4.82	28.09 5.15
<b>Paradip</b>	41.3 (9.09)	12.96 (12.24)	54.26 (9.69)	38.95 (8.88)	17.61 (16.46)	56.56 (10.36)
<b>Visakhapatnam</b>	44.75 (9.85)	22.67 (21.41)	67.42 (12.04)	41.21 (9.39)	17.83 (16.66)	59.04 (10.82)
<b>Chennai</b>	51.15 (11.26)	4.56 (4.31)	55.71 (9.94)	49.01 (11.17)	4.39 (4.10)	53.40 (9.78)
<b>Ennore</b>	6.7 (1.47)	8.26 (7.80)	14.96 (2.67)	9.46 (2.16)	8.42 (7.87)	17.88 (3.28)
<b>Tuticorin</b>	21.35 (4.70)	6.75 (6.38)	28.10 (5.02)	20.74 (4.73)	7.52 (7.03)	28.26 (5.18)
<b>Cochin</b>	13.3 (2.93)	6.79 (6.41)	20.09 (3.59)	13.23 (3.01)	6.62 (6.19)	19.85 (3.64)
<b>New Mangalore</b>	27.03 (5.95)	5.91 (5.58)	32.94 (5.88)	30.82 (7.02)	6.22 (5.81)	37.04 (6.79)
<b>Mormugao</b>	37.91 (8.34)	1.13 (1.07)	39.04 (6.97)	16.98 (3.87)	0.75 (0.70)	17.73 (3.25)
<b>J. L. Nehru</b>	60.7 (13.36)	5.03 (4.75)	65.73 (11.73)	61.03 (13.91)	3.46 (3.23)	64.49 (11.81)
<b>Mumbai</b>	41.93 (9.23)	14.26 (13.47)	56.19 (10.03)	43.64 (9.94)	14.40 (13.46)	58.04 (10.63)
<b>Kandla</b>	72.36 (15.93)	10.14 (9.58)	82.50 (14.73)	80.10 (18.25)	13.52 (12.63)	93.62 (17.15)
<b>Total</b>	454.32 (100.00)	105.87 (100.00)	560.19 (100.00)	438.83 (100.00)	107.01 (100.00)	545.84 (100.00)
The figures in parenthesis indicate percent share in total traffic in respective traffic categories at major ports						

7.3 Port-wise analysis of the traffic growth indicates that Ennore Port recorded the highest year on year growth of 19.5 % during 2012-13 followed by Kandla (13.5%), New Mangalore (12.4%), Paradip (4.2%), Mumbai (3.3%) and Tuticorin (0.6%). Other major ports recorded negative growth during 2012-13.

## 8. COMMODITY-WISE TRAFFIC

8.1 Commodity-wise break-up of traffic handled at the major ports in India during 2003-04 through 2012-13 is given in **Table 7**.

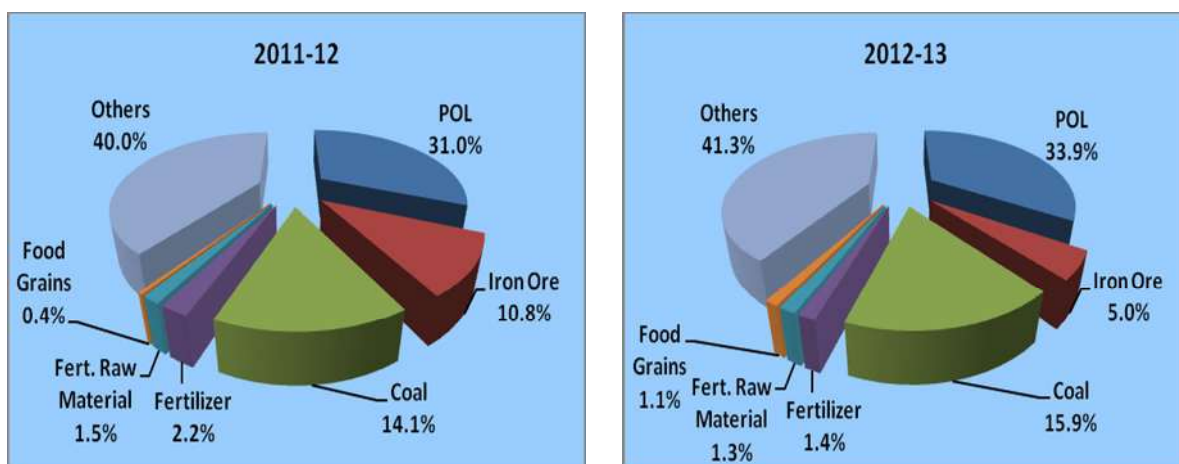
Table 7: Commodity-wise Cargo Traffic Handled at Major Ports (Million Tonnes)								
Year	POL (Crude & Products)	Fertilizer	Fertilizer Raw Material Dry	Iron Ore	Coal*	Food- grains	Others	Total
2003-04	122.16 (-11.49)	2.86 (-0.90)	8.94 (-13.07)	58.85 (-16.41)	54.9 (-3.5)	6.84 (-19.90)	90.25 (-14.71)	344.8 (-9.97)
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)	519.31 (11.97)
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)	530.8 (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)	194.62 (17.01)	561.09 (5.71)
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 (5.15)	570.09 (1.60)
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)

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

8.2 Highest year-on-year growth in traffic during 2012-13, among the principal commodities, is seen in the case of food grains (101.2%) followed by Coal (10.2%), POL (34.0%) and Other Cargo (2.9%). Traffic growth for Fertilizer and Fertilizer Raw Material and Iron Ore was negative in 2012-13.

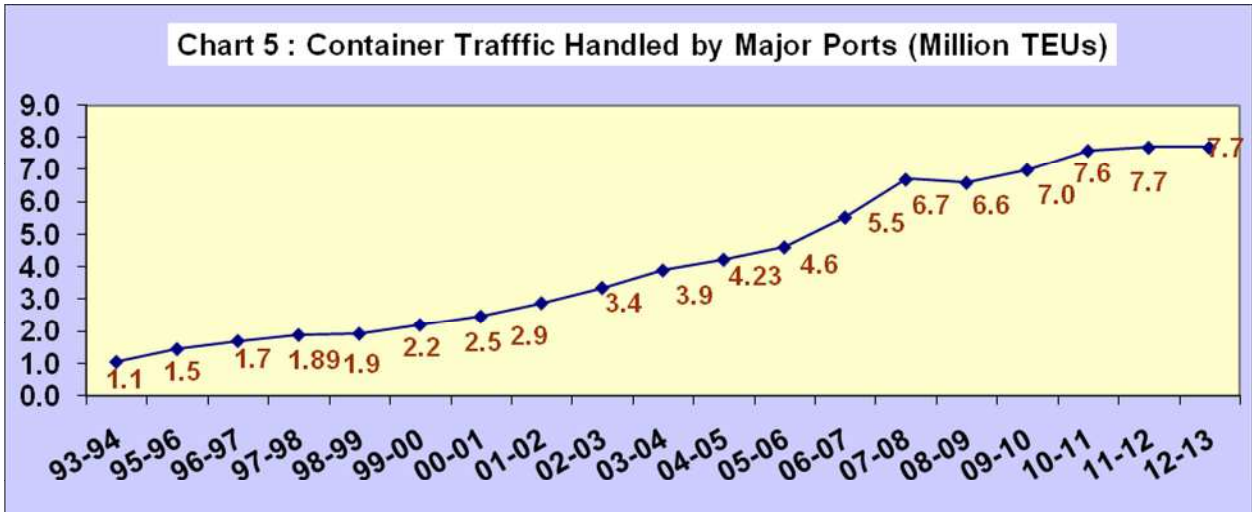
8.3 In respect of the traffic at Major ports, it is also observed that around 91% of the traffic handled during 2012-13 was accounted by three commodities viz. Other cargo including Containers (42.1%), POL & Products (33.1%), and Coal (15.9%).

**Chart 4: Commodity Composition of Traffic Handled – Major Ports**



## 9. CONTAINER TRAFFIC

9.1 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 7.7 million TEUs (119.87 million tonnes) in 2012-13. **(Chart-5)** Over the same period non-containerized cargo grew from 166 million tonnes to 425.96 million tonnes i.e. about three fold increases.



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

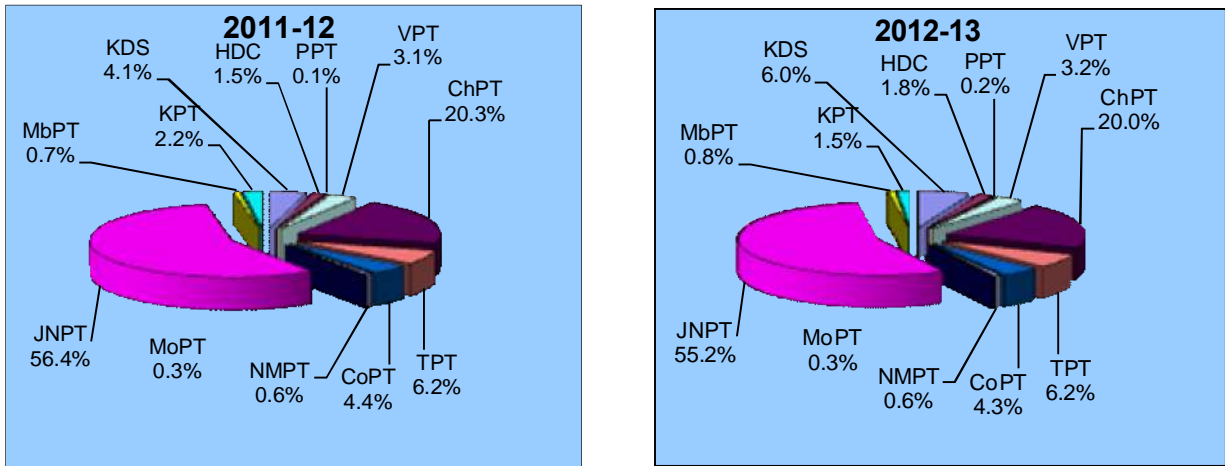
**Table 8 : Major Port-wise Container Traffic Handled (in TEUs)**

Name of the Port	2011-12		2012-13	
	000' Tonnes	TEUs	000' Tonnes	TEUs
Kolkata Dock System	6818	317	6960	463
Haldia Dock Complex	2619	115	2869	137
Paradip	109	8	171	13
Visakhapatnam	4213	234	4554	247
Chennai	30076	1555	29708	1539
Tuticorin	9227	477	9372	476
Cochin	4715	337	4607	335
New Mangalore	645	45	692	48
Mormugao	279	22	258	20
J. L. Nehru	58233	4317	57911	4259
Mumbai	551	56	829	58
Kandla	2791	168	1935	118
<b>ALL PORTS</b>	<b>120276</b>	<b>7651</b>	<b>119866</b>	<b>7714</b>

9.3 The share of JNPT during 2012-13 in total container traffic at 55.2% in (TEUs) and 48.3% (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 (20.0%), Tuticorin (6.2%), Kolkata D S (6.0%), Cochin (4.3%) and Vishakhapatnam (3.2%). The share of Mumbai Port in container traffic has seen a decline from 38.7% in 1994-95 to less than one per cent in 2010-11 and 2011-12 due to diversion of container traffic to JNPT. During 2012-13 also, the share of Mumbai Port in container traffic was less than one per cent. Concomitantly, the share of JNPT has surged ahead from 19.4% to 55.2 % during the same period (**Chart 6**).

**Chart 6: Share of Major Ports in Container Traffic (TEUs)**



JNPT: Jawaharlal Nehru Port Trust  
PPT: Paradip Port Trust  
VPT: Vishakapatnam Port Trust  
CoPT: Cochin Port Trust

MbPT: Mumbai Port Trust  
KDS: Kolkata Dock System  
ChPT: Chennai Port Trust  
NMPT: New Mangalore Port Trust

KPT: Kandla Port Trust  
HDC: Haldia Dock Complex  
TPT: Tuticorin Port Trust  
MoPT: Mormugao Port Trust

## PERFORMANCE INDICATORS

### 10. Capacity Utilization

10.1 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 744.91million tonnes at the end of 2012-13. The port-wise capacity and traffic for 2012-13 is brought out in **Table 9**.

<b>Table 9 : Major Port-wise Capacity Utilization During 2012-13 (Million Tonnes)</b>			
<b>Name of the Port</b>	<b>Capacity</b>	<b>Traffic</b>	<b>Capacity Utilisation(%)</b>
Kolkata Dock System	17.14	11.84	69.08
Haldia Dock Complex	46.75	28.08	60.06
Paradip	102.3	56.55	55.28
Visakhapatnam	67.33	59.04	87.69
Ennore	31	17.89	57.71
Chennai	85.59	53.4	62.39
Tuticorin	33.34	28.26	84.76
Cochin	44.66	19.84	44.42
New Mangalore	76.77	37.04	48.25
Mormugao	36.4	17.74	48.74
J. L. Nehru	65.88	64.49	97.89
Mumbai	44.53	58.04	130.34
Kandla	93.22	93.62	100.43
<b>ALL PORTS</b>	<b>744.91</b>	<b>545.83</b>	<b>73.27</b>

## EFFICIENCY INDICATORS OF MAJOR PORT OPERATIONS

### 11 Average Pre-berthing Detention

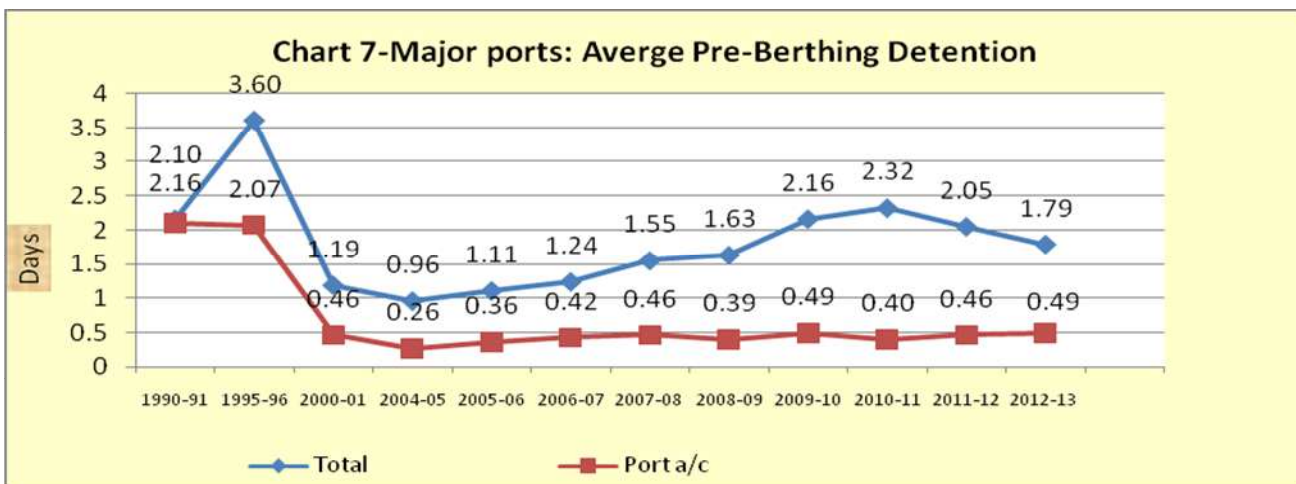
**11.1** The average overall pre berthing detention time for all major ports has declined from 2.2 days in 1990-91 to 1.63 days in 2008-09. However, in 2009-10 and 2010-11, the average PBDT edged up to 2.16 days and 2.32 days respectively. In contrast, average PBDT on port account has seen a sharper decline from 2.10 days in 1990-91 to 0.50 day in 2010-11. Average PBDT on port account remained same at 0.50 days in 2011-12 and 2012-13. Port-wise PBD for select years is indicated in **Table 10**.

<b>Port</b>	<b>1990-91</b>	<b>2000-01</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
Kolkata D.S	0.9	0.61	0.66	1.31	1.23	0.77	0.61
Haldia D.C	1.66	0.91	3.38	4.39	3.73	2.54	2.29
Paradip	1.59	1.41	2.32	6.30	5.04	3.69	1.65
Vishakhapatnam	1.83	0.75	1.28	1.90	2.81	2.84	2.50
Ennore			0.27	0.37	0.65	0.76	1.33
Chennai	2.1	2.45	1.39	1.35	1.61	1.16	0.80
Tuticorin	0.9	1.4	1.09	1.36	1.29	1.91	1.31
Cochin	0.83	0.74	0.70	0.85	1.03	1.05	1.09
New Mangalore	0.79	0.77	0.65	0.81	0.59	0.79	1.04
Mormugao*	2.51	1.32	1.77	3.46	4.07	2.94	1.62
J.L.Nehru		0.67	0.95	0.98	1.51	1.13	1.31
Mumbai	3.4	1.26	1.41	1.06	1.23	1.37	1.62
Kandla	4.4	1.51	2.62	2.60	3.32	3.74	3.58
All Ports	2.16	1.19	1.63	2.16	2.32	2.05	1.79

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

**11.2** During 2012-13, ports at Kolkatta DS, Haldia DC, Paradip, Vishakhapatnam, Chennai, Tuticorin, Mormugao and Kandla experienced drop in pre-berthing detention of vessels. Data on PBD for different types of vessels indicate that in 2012-13, the PBD was the least (0.71 days ) in the case of container vessels followed by liquid bulk vessels ( 1.93 days), break bulk ( 2.30 days), dry bulk (Mechanical) ( 3.52 days) and dry bulk ( Conventional ) (4.12 days).

**11.3** 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 7** below.



## 12 Average Turn-Round Time (TRT)

**12.1** 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 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 4.29 days in 2012-13. The TRT varied in a range between 1.58 days at Cochin Port to 6.33 at Kandla. Amongst the 12 major ports improvement in TRT during 2012-13 in comparison to 2011-12 is reflected in all Major Ports except Ennore, HDC, New Mangalore, Mumbai and Jawahar Lal Nehru Ports.

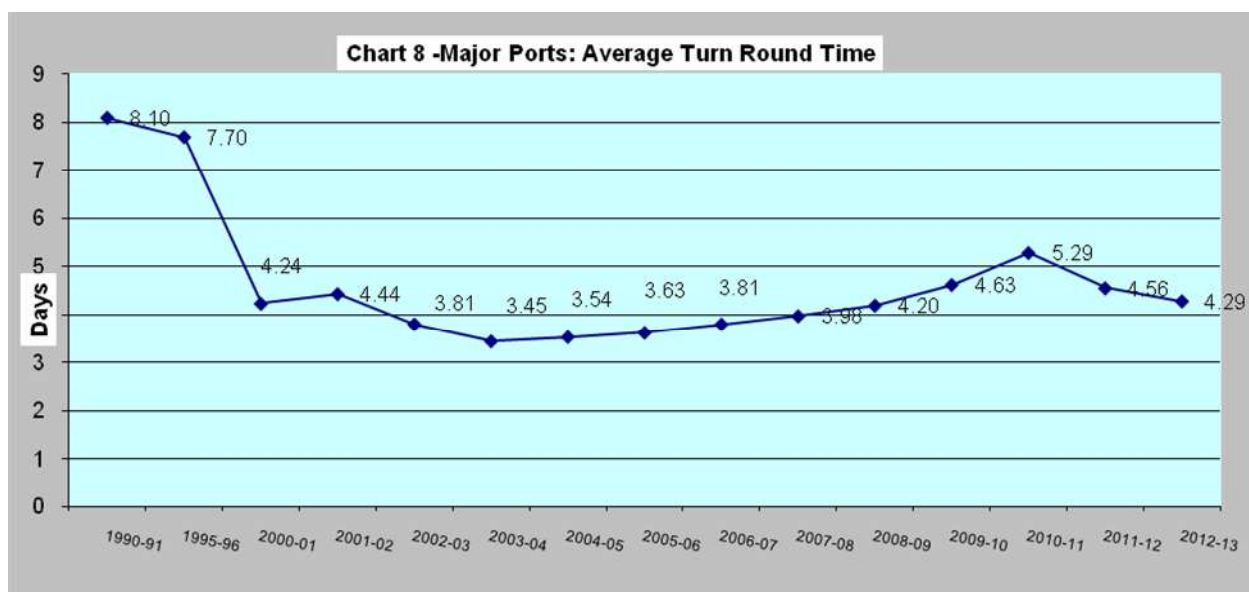
**12.2** The data on TRT for different types of vessels indicate that in 2012-13, the average TRT was least in case of container vessels ( 2.07 days) followed by liquid bulk ( 3.72 days), dry bulk (Mech) (4.48 days), break bulk ( 6.14 days) and dry bulk ( Conv.) ( 7.02 days).

Port-wise TRT for select years are given in **Table 11**.

Port	1990-91	2000-01	2008-09	2009-10	2010-11	2011-12	2012-13
1	2	3	4	5	6	7	8
Kolkata D.S	11.90	5.50	5.10	6.80	6.21	5.45	4.72
Haldia D.C	6.47	3.97	4.21	5.01	4.45	3.62	3.95
Paradip	8.40	4.16	4.78	9.04	7.73	6.33	4.39
Vishakhapatnam	7.07	3.71	3.93	4.78	5.84	5.68	5.39
Ennore			2.35	2.11	2.78	2.17	2.95
Chennai	7.20	5.83	4.15	4.04	4.36	3.91	3.24
Tuticorin	4.70	4.10	3.64	3.90	4.00	4.94	4.31
Cochin	4.00	3.11	2.14	2.08	2.20	1.82	1.58
New Mangalore	4.96	2.89	3.00	3.06	2.70	2.95	3.29
Mormugao *	6.40	4.25	5.95	8.91	10.43	7.68	5.06
J.L.Nehru		2.21	1.90	2.01	2.64	1.94	2.48
Mumbai	10.80	5.20	4.95	4.61	4.96	5.22	5.58
Kandla	10.00	4.72	7.26	5.03	5.90	6.42	6.33
All Ports	8.10	4.24	4.20	4.63	5.29	4.56	4.29

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

**12.3** The path of turn round time at major ports for select years since 1990-91 to 2012-13 is presented in the Chart -8 below.



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

**12.4** The TRT is influenced by a number of factors like type of cargo, parcel size, PBD, entrance channel, etc. During 2012-13, average parcel size has increased for all the categories except for dry bulk (Mech.) where as average TRT has 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**.

<b>Table 12 : Average Parcel Size and Turn Round Time</b>				
<b>Type of Vessel</b>	<b>2011-2012</b>		<b>2012-2013</b>	
	<b>Average Parcel Size (Tonnes) (Cargo/vessels)</b>	<b>Average TRT (Days)</b>	<b>Average Parcel Size (Tonnes) (Cargo/vessels)</b>	<b>Average TRT (Days)</b>
Dry Bulk (Mech.)	52015	5.71	50814	4.48
Dry Bulk (Conv.)	31097	7.68	32805	7.02
Liquid Bulk	27085	3.23	29100	3.72
Break Bulk	7516	6.93	8032	6.14
Container	22187	2.17	23160	2.07
<b>All Types</b>	<b>25654</b>	<b>4.56</b>	<b>26790</b>	<b>4.29</b>

### **13 Average Output per Ship Berth-day**

**13.1** During the last 20 years this indicator has seen a tremendous improvement. Average Output per Ship Berth-day has increased to almost four times from 3,372 tonnes in 1990-91 to 11812 tonnes in 2012-13 for major ports. However, average output per Ship Berth-day is marked by substantial variation across major ports ranging from a high 27741 tonnes in case of Ennore port to a low of 2762 tonnes at Kolkata Dock System during 2012-13. 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 2012-13 as compared to 2011-12 is visible in all the ports except Haldia DC and Vishakhapatnam. Port-wise average output per Ship Berth-day for select years and latest period are given in **Table: 12**.

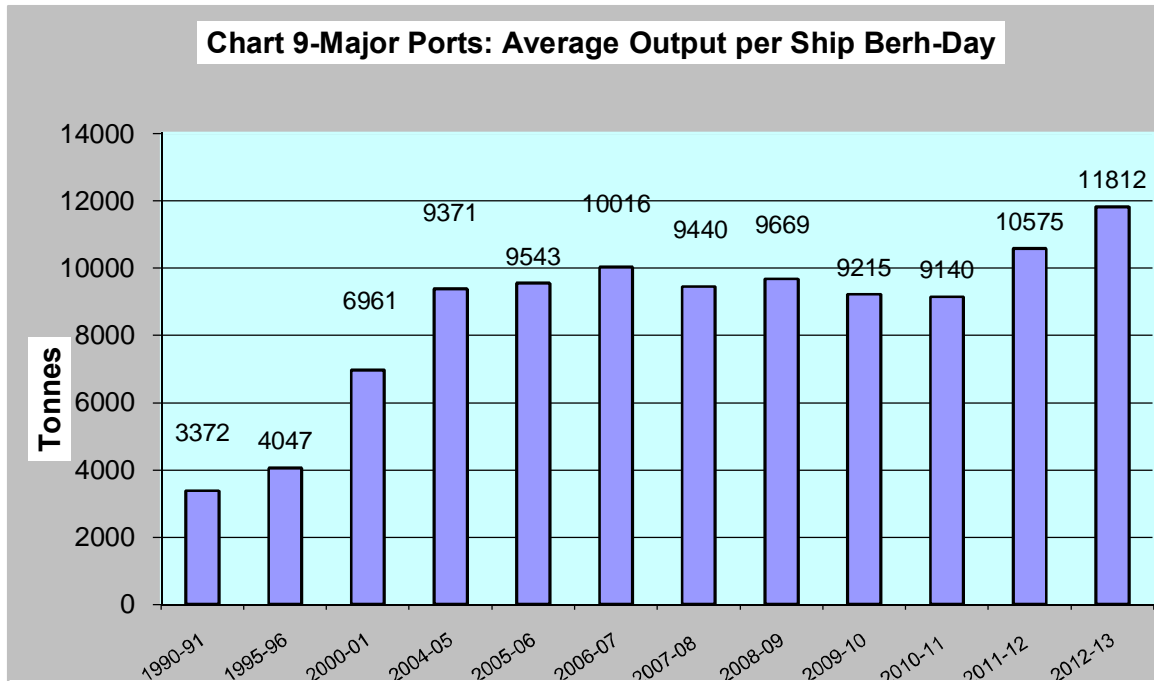
Port	1990-91	2000-01	2008-09	2009-10	2010-11	2011-12	2012-13
1	2	3	4	5	6	7	8
Kolkata D.S	560	2305	3027	1917	2253	2503	2762
Haldia D.C	5659	6384	7732	6243	6563	6728	6078
Paradip	4082	8503	12635	13853	14243	15995	16625
Visakhapatnam	5325	9799	11171	10484	10334	10704	10641
Ennore			28424	21665	17669	27505	27741
Chennai	3912	6977	10778	11428	10984	10352	12046
Tuticorin	2130	3983	5817	6934	7035	6733	7452
Cochin	3714	6138	10599	11089	11752	15784	15878
New Mangalore	4412	12192	13645	13896	14211	13957	15921
Mormugao	10429	12438	6290	5002	4409	10530	11484
J.L.Nehru		6383	20344	21563	20393	19227	23319
Mumbai	2310	4213	5717	6122	6042	6476	8709
Kandla	4417	8230	13107	13549	14137	14272	15728
All Ports	3372	6961	9669	9215	9140	10575	11812

Source: Major Ports /Indian Ports Association (IPA).

**13.2** As compared to 2011-12, the increase in average output per Ship Berth-day (all major ports) in 2012-13 was of the order of 17.13%. 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 2012-13 at major ports increased over the previous period for all types of vessels presented below in **Table-14**.

Type of Vessel	Average Out Put Per Ship Berth-day (Tonnes)		
	2011-12	2012-13	%change
Dry Bulk (Mech.)	17740	19125	7.81
Dry Bulk (Conv.)	7712	7884	2.23
Liquid Bulk	16533	18685	13.02
Break Bulk	1989	2384	19.86
Container	16968	19754	16.42
<b>All Types</b>	<b>10575</b>	<b>11812</b>	<b>11.70</b>

**13.3** The average out-put per Ship Berth-day for selected years since 1990-91 to 2012-13 is presented in the **Chart -9** below.



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

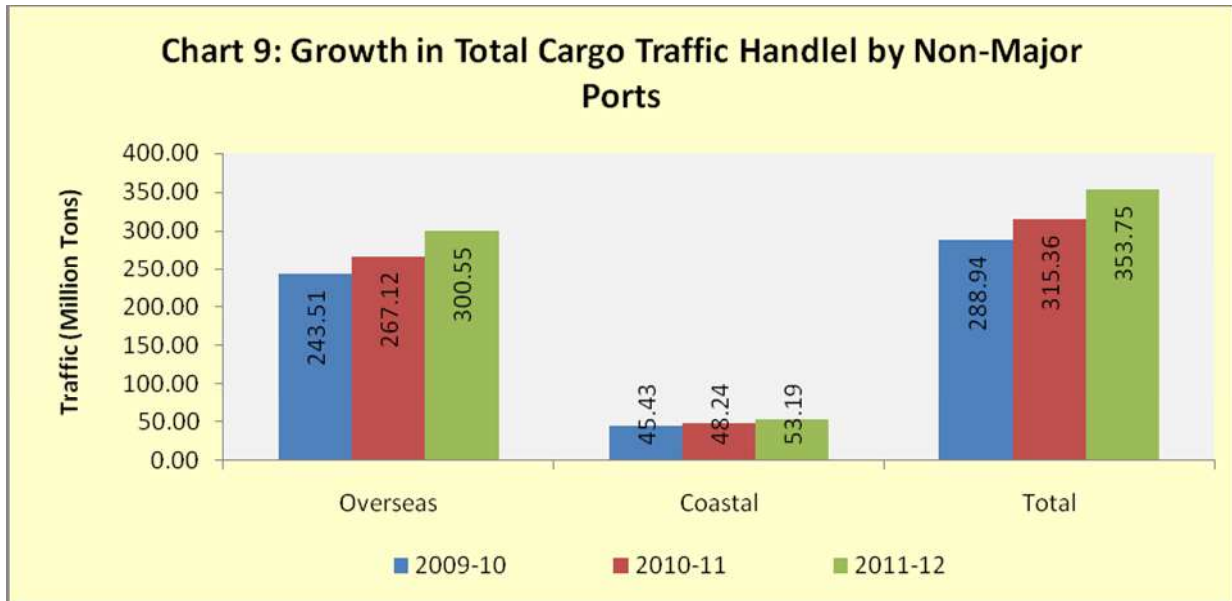
## **D.PERFORMANCE OF NON-MAJOR PORTS**

### **14. CARGO TRAFFIC HANDLED**

**14.1** There are 200 non-major ports situated along the peninsula coast-line and sea-islands. These ports are located in Gujarat (41), Maharashtra (48), Goa (5), Daman & Diu (2), Karnataka (11), Kerala (17), Lakshdweep (10), Tamilnadu (15), Puducherry (2), Andhra Pradesh (12), Orissa (13), West Bengal (1) and Andaman & Nicobar Island (23). Out of these 200 Non-major ports, only some ports are well developed and provide all-weather berthing facilities for cargo handling. In 2012-13, only 61 Non-major Ports were reported to have handled cargo traffic.

**14.2** 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.

**14.3** Non-major ports in India collectively handled 387.92 million tonnes of traffic during the year 2012-13 as compared to 353.74 million tonnes of cargo handled in 2011-12 (**Chart-9**). The year-on-year growth in traffic in 2012-13 was 9.66% as compared to 12.17% in 2011-12. At a disaggregated level, the overseas cargo traffic increased by 10.77 % in 2012-13 compared to an increase of 12.51% recorded in 2011-12. Coastal cargo traffic increased by 3.38% in 2012-13 compared to an increase of 10.26 % in 2011-12.



### Commodity Composition of Non-Major Port Traffic

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

Year	Traffic Handled (Million Tonnes)						
	POL & its Products	Iron Ore	Building Material	Coal	Fertiliser & FRM	Others	Total
2003-04	60.1 (50.56)	17.34 (14.59)	13.4 (11.27)	9.85 (08.29)	3.29 (02.77)	14.88 (12.52)	118.86 (100.00)
2004-05	67.77 (49.48)	21.4 (15.63)	14.13 (10.32)	13.52 (09.87)	3.91 (02.85)	16.23 (11.85)	136.96 (100.00)
2005-06	69.72 (46.44)	28.84 (19.21)	13.39 (08.92)	13.57 (09.04)	5.61 (03.74)	18.99 (12.65)	150.12 (100.00)
2006-07	81.2 (43.91)	33.97 (18.37)	14.39 (07.78)	14.02 (07.58)	6.82 (03.69)	34.52 (18.67)	184.92 (100.00)
2007-08	91.04 (44.11)	34.22 (16.58)	16.26 (07.88)	15.45 (07.49)	7.11 (03.45)	42.3 (20.50)	206.38 (100.00)
2008-09	97.82 (45.88)	35.86 (16.82)	13.26 (06.22)	21.46 (10.06)	8.85 (04.15)	35.97 (16.87)	213.22 (100.00)
2009-10	137.72 (47.66)	48.81 (16.89)	13.14 (04.55)	41.28 (14.29)	9.5 (03.29)	38.49 (13.32)	288.94 (100.00)
2010-11	145.38 (46.10)	38.27 (12.14)	12.33 (03.91)	58.46 (18.54)	12.72 (04.03)	48.2 (15.28)	315.36 (100.00)
2011-12	156.32 (44.19)	30.62 (08.66)	12.87 (03.64)	79.04 (22.34)	15.74 (04.45)	59.16 (16.72)	353.74 (100.00)
2012-13	168.57 (43.45)	21.86 (05.63)	11.95 (03.08)	109.26 (28.17)	12.55 (03.23)	63.74 (16.43)	387.92 (100.00)

(Note : Figures in parentheses indicate percentage share of cargo handled to total cargo handled-row-wise).

**14.5** POL & its products (43.5%) was the single largest commodity handled at non major ports in 2012-13 and its share has ranged between 44 to 48% (in 2005-06 to 2012-13). It is observed that during the previous three years, the relative shares of commodities in the cargo basket have not shown any pronounced shift. However, during 2012-13 the share of Coal in the total traffic was 28.17% followed by Iron ore (5.63%) and Fertilizer & FRM 3.23%).

## 15 Maritime States – Non-Major Ports

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

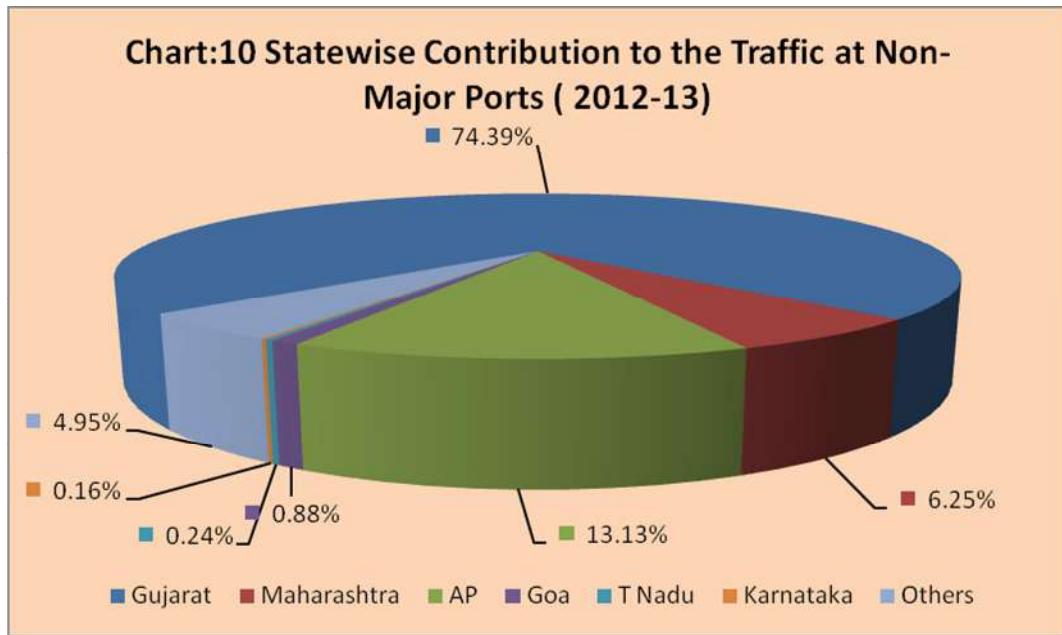
<b>Table 16 : Traffic Handled by Non-Major Ports – Maritime State-wise</b>								
Year	Traffic Handled (Million Tonnes)							
	Gujarat	Mahara-shtra	AP	Goa	Tamil Nadu	Karnataka	Others	Total
2003-04	87.33 -(07.07)	10.33 -(19.70)	10.02 (-2.15)	8.44 -(51.53)	0.69 -(15.00)	1.17 -(74.63)	0.88 (-14.56)	118.86 -(09.75)
2004-05	96.14 (10.09)	12.14 (17.52)	15.07 (50.40)	8.2 -(02.84)	0.85 (23.19)	3.51 (200.00)	1.05 (19.32)	136.96 (15.23)
2005-06	103.53 (07.69)	11.16 -(08.07)	17.67 (17.25)	11.76 (43.41)	0.71 -(16.47)	4.12 (17.38)	1.17 (11.43)	150.12 (09.61)
2006-07	131.27 (26.79)	11.58 (03.76)	18.61 (05.32)	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 -(01.90)	19.29 (03.65)	12.83 -(10.34)	0.89 (09.88)	8.9 (35.67)	2.59 (45.51)	206.38 (11.61)
2008-09	152.81 (01.52)	10.42 -(08.27)	29.72 (54.07)	11.9 -(07.25)	0.9 (01.12)	4.97 -(44.16)	2.5 -(03.47)	213.22 (03.31)
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 -(00.96)	14.58 (04.89)	1.61 (37.61)	3.1 -(63.74)	7.01 (75.25)	315.36 (09.14)
2011-12	259.05 (12.19)	19.95 (34.07)	45.63 (05.45)	14.47 -(00.75)	1.21 -(24.84)	0.59 -(80.97)	12.85 (83.31)	353.74 (12.17)
2012-13	287.82 (11.10)	24.20 (21.29)	51.81 (13.55)	3.39 -(76.58)	0.93 -(22.89)	0.61 (03.39)	19.17 (49.14)	387.92 (09.66)
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 increase of 9.66% in cargo handled at non-major ports during 2012-13 was mainly driven by traffic growth in Gujarat, Andhra Pradesh and Maharashtra, Though the Cargo handled at the non major ports in Goa and Tamil Nadu have witnessed negative growth of 76.58% and 22.89% respectively, the impact on the total traffic handled by Non-Major Ports is not significant due to the share of these States in the total traffic handled during the year being negligible. 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
2003-04	73.5	8.7	8.4	7.1	0.6	1	0.7	100.0
2004-05	70.2	8.9	11	6	0.6	2.5	0.8	100.0
2005-06	69	7.4	11.8	7.8	0.5	2.7	0.8	100.0
2006-07	71	6.3	10.1	7.7	0.4	3.5	1	100.0
2007-08	72.9	5.5	9.3	6.2	0.5	4.3	1.3	100.0
2008-09	71.7	4.9	13.9	5.6	0.4	2.3	1.2	100.0
2009-10	71.2	4.2	15.1	4.8	0.4	2.9	1.4	100.0
2010-11	73.2	4.7	13.7	4.6	0.5	1	2.2	100.0
2011-12	73.2	5.6	13.0	4.1	0.3	0.2	3.6	100.0
2012-13	74.2	6.2	13.4	0.9	0.2	0.2	4.9	100.0

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

**15.2** Gujarat continues to be the leading maritime State, accounting for more than 74% of the total non-major port cargo traffic in 2012-13. The other contributing States to the cargo traffic at non-major ports during 2012-13 were: Andhra Pradesh (13.4%), Maharashtra (6.2%) and Goa (0.9%). The remaining 5.3% of the cargo was handled by all the other maritime States/Uts. This is brought out in the **Chart 10** below:



## 16. CARGO TRAFFIC HANDLED – STATE-WISE ANALYSIS

### 16.1 GUJARAT

16.1.1 Gujarat is a principal maritime State with a natural coastline of about 1215 kms. (16% of India's total coast line). The State has 41 non-major ports which are under the jurisdiction of Gujarat Maritime Board (GMB) since April, 1982. Out of 41 non-major ports, traffic is handled through 17 non-major ports. The remaining 24 non-major ports are used for fishing activities and have traffic only of small volume.

16.1.2 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,

16.1.3 The total cargo traffic handled at the non-major ports of Gujarat during 2012-13 was of the order of 287.82 million tonnes as against 259.05 million tonnes in 2011-12, reflecting an increase of 11.11%. Non-major ports of Gujarat account for more than 74% of the total cargo handled by non-major ports in India. Overseas traffic in 2012-13 was 252.15 million tonnes with the remaining 30.67 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.**

<b>Table 18 : Gujarat : Traffic Achieved at Select Non-Major Ports</b>										
<b>Year</b>	<b>Traffic Handled (Million Tonnes)</b>									
	<b>Sikka</b>	<b>Magdalla</b>	<b>Jafarabad</b>	<b>Bedi</b>	<b>Mul-Dwarka</b>	<b>GAPL</b>	<b>Dahej</b>	<b>Pipavav (Inc. GPPL)</b>	<b>Others</b>	<b>Total</b>
2003-04	49.82	10.83	4.52	2.90	3.78	4.59	3.85	1.94	5.10	87.33
2004-05	51.51	11.64	4.60	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	5.50	4.16	4.08	19.72	10.09	3.66	9.54	131.27
2007-08	61.88	14.17	8.69	5.30	3.79	19.85	11.44	1.65	23.75	150.52
2008-09	65.28	14.05	4.81	2.60	3.43	35.62	11.00	3.71	12.31	152.81
2009-10	107.19	16.29	5.45	2.04	3.17	39.60	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	6.70	3.45	76.94	22.26	8.06	19.81	287.82

16.1.4 Sikka Port handled the highest cargo tonnage of 124.52 million tonnes in 2012-13 up from 118.04 million tonnes handled in 2011-12. This port accounted for about 43% of the total cargo handled by the non-major ports in Gujarat in 2012-13, 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.

16.1.5 Gujarat Adani Port Ltd. (GAPL) handled 76.94 million tonnes or 27% of the total cargo in 2012-13. Main commodities handled by GAPL port are POL & its products and Coal.

16.1.6 Magdalla accounted for 22.67 million tonnes or 8.0% of the cargo traffic in 2012-13. Major commodities handled by the port are Iron Ore, POL & its product, and Building Material.

16.1.7 Dahej Port handled 22.26 million tonnes of cargo in 2012-13 with a share of 8.0% in total traffic. The other important port which showed increase in the cargo handled during 2012-13 was Bedi, Pipavav, Jafarabad and Mul Dwarka have shown decrease in cargo traffic in 2012-13.

16.1.8 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 commodity handled. (Table 19).

<b>Table 19 : Commodity-wise Traffic Handled at Gujarat Non-Major Ports</b>							
<b>Year</b>	<b>Traffic Handled (Million Tonnes)</b>						
	<b>POL &amp; Products</b>	<b>Coal</b>	<b>Building Material</b>	<b>Fertilizer &amp; FRM</b>	<b>Iron Ore</b>	<b>Others</b>	<b>Total</b>
2003-04	52.54	6.5	11.23	1.97	4.23	10.86	87.33
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	150.52
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	287.82

POL & products accounted for 57.4% of the total cargo handled in 2012-13. This is followed by Coal (18.9%), Building Material (2.9%), Iron Ore (2.7%) and Fertilizer & FRM (2.2%).

## **16.2 ANDHRA PRADESH**

16.2.1 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. The State has contributed 13.4% in the total traffic handled by all non-major ports in the country during 2012-13.

16.2.2 Non-major ports in Andhra Pradesh collectively handled 51.81 million tonnes of cargo during 2012-13 compared with 45.63 million tonnes in 2011-12 thus registering an increase of 13.6% in traffic. The overseas traffic during 2012-13 was 46 million tonnes (88.8% of the total cargo traffic in non major ports of Andhra Pradesh) and coastal traffic was of the order of 5.81 million tonnes. The **Table 20** gives the port wise details of the

cargo handled at non-major ports in Andhra Pradesh during 2012-13 as well for the previous years.

Year	Traffic Handled (Million Tonnes) – Port Wise					
	Rawa	Kakinada Anchorage	Kakinada Deep Water Port	Gangavaram	Krishnapatnam	Total
2003-04	3.14	1.32	5.56	-	-	10.02
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	3.20	3.16	9.85	14.00	15.42	45.63
2012-13	1.37	3.95	12.32	13.05	21.12	51.81

\* Includes others (0.34 million tonnes)

16.2.3 Commodity-wise analysis of the total cargo handled by the non-major ports in Andhra Pradesh indicates Coal (59.5%), Fertiliser & FRM (9.9%) and POL & its products (3.4%) were the three principal items of cargo handled during (2012-13) by the Non-Major Ports of Andhra Pradesh (**Table 21**).

Year	POL & Products	Iron ore	Fertilizer & FRM	Coal	Others	Total
2003-04	6.49	0.04	1.12	0.02	2.35	10.02
2004-05	9.96	0.96	1.30	-	2.85	15.07
2005-06	8.51	3.88	1.84	0.14	3.30	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	5.80	19.62	6.10	43.27
2011-12	3.51	2.97	7.04	23.51	8.60	45.63
2012-13	1.76	0.98	5.13	30.85	13.09	51.81

As seen from above **Table 21**, traffic in the Coa has mainly shown an increasing trend over the consecutive years till 2012-13. However, due to ban on mining of iron ore in Karnataka, the trend has reversed sharply for Iron ore in 2010-11.

### 16.3 MAHARASHTRA

16.3.1 Maharashtra has a coast line of around 653 Kms with 48 notified non-major ports. Out of these only 12 ports handled cargo traffic during 2012-13.

16.3.2 The total cargo traffic handled at the non-major ports of Maharashtra during 2012-13 was 24.20 million tonnes compared with 19.95 million tonnes in 2011-12. This represents an increase of 21.3%. Overseas traffic at 14.76 million tonnes has shown increase of 17% from 12.62 million tonnes in 2011-12 whereas coastal traffic at 9.44 million tonnes has increased by 28.8% from 7.33 million tonnes during the same period. 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 9.72 million tonnes accounting for 40.2% of total traffic at non major ports handled in the State. The other important non-major ports of Maharashtra are Revdanda, Ulwa-Belapur and Ratnagiri.

Year	Traffic Handled (Million Tonnes)					
	Dharamtar	Revdanda	Ulwa-Belapur	Ratnagiri	Others	Total
2003-04	6.66	1.24	0.93	0.52	0.98	10.33
2004-05	7.73	1.27	1.01	0.62	1.51	12.14
2005-06	6.27	0.96	1.20	0.65	2.08	11.16
2006-07	6.80	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	0.70	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	24.20

16.3.3 Commodity-wise break-up of the cargo handled by the non-major ports of Maharashtra indicates that Coal traffic of 10.4 million tonnes constituted (43%) of the total cargo handled in 2012-13 followed by Iron ore (32.3%) and Building material (8.4%) (**Table 23**)

<b>Table 23 : Commodity-wise Traffic Achieved at Non-Major Ports – Maharashtra</b>						
<b>Year</b>	<b>Traffic Handled (Million Tonnes)</b>					
	<b>Iron Ore</b>	<b>Building Material</b>	<b>POL &amp; Products</b>	<b>Coal</b>	<b>Others</b>	<b>Total</b>
2003-04	4.57	1.33	0.19	2.91	1.33	10.33
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	0.40	2.00	2.97	11.36
2008-09	4.27	2.35	-	1.46	2.34	14.88
2009-10	5.06	2.20	-	2.88	1.91	12.05
2010-11	5.12	2.28	-	5.00	2.48	14.88
2011-12	6.36	2.49	-	7.59	3.51	19.95
2012-13	7.82	2.04	0.40	10.40	3.54	24.20

As seen from the above table, all commodities have shown increase in traffic in 2012-13 as compared to 2011-12 except Building Material.

#### **16.4 GOA**

16.4.1 Goa has a coastline of around 118 Kms. There are 5 non. major ports in Goa. Of this only one port, Panaji normally handles cargo traffic.

16.4.2 Panaji port handled cargo traffic of 3.39 million tonnes during 2012-13 compared with 14.47 million tonnes handled in the previous year, reflecting a sharp decrease of about 76.6%. The commodity composition of traffic is brought out in **Table 24**.

<b>Table 24 : Commodity-wise Traffic Handled at Non-Major Ports – GOA</b>					
<b>Year</b>	<b>Traffic Handled (Million Tonnes)</b>				
	<b>Iron Ore</b>	<b>Coal</b>	<b>Iron &amp; Steel</b>	<b>Others</b>	<b>Total</b>
2003-04	8.01	0.42	0.01	Neg.	8.44
2004-05	8.19	Neg.	Neg.	0.01	8.20
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	11.90	-	-	-	11.90
2009-10	13.68	0.22	-	-	13.90
2010-11	14.58	-	-	-	14.58
2011-12	14.31	0.16	-	-	14.47
2012-13	3.28	0.11	-	-	3.39

Iron Ore is the principal commodity handled at the port.

## 16.5 KARNATAKA

16.5.1 Karnataka has a coastline of around 280 Kms. With 11 non-major ports. Out of these 4 ports normally handle cargo traffic.

16.5.2 During 2012-13, non- major ports in the State handled 0.61 million tonnes of cargo traffic as compared to 0.59 million tonnes in 2011-12 reflecting an increase of 3.4% over the previous year. The port-wise traffic in Karnataka is given in **Table 25**.

<b>Table 25 : Traffic Achieved at Select Non-Major Ports – Karnataka</b>						
<b>Year</b>	<b>Traffic Handled (Million Tonnes)</b>					
	<b>Karwar</b>	<b>Old Mangalore</b>	<b>Malpe</b>	<b>Belekri</b>	<b>Others</b>	<b>Total</b>
2003-04	0.95	0.11	0.01	0.10	-	1.17
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	-	8.90
2008-09	2.96	0.09	0.01	1.91	-	4.97
2009-10	2.20	0.08	-	6.27	-	8.55
2010-11	1.13	0.14	-	1.83	-	3.10
2011-12	0.50	0.09	-	-	-	0.59
2012-13	0.44	0.16	-	-	0.01	0.61

Belekri, the leading port of Karnataka which handled 1.83 million tonnes of cargo during 2010-11 did not handle any cargo during 2011-12 and 2012-13 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 about 59% in 2010-11. Karwar the second leading port of Karnataka which had handled 1.13 million tonnes of cargo during 2010-11( 36.4%) handled the major portion of traffic ( 0.44 million tonnes) during 2012-13.

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

<b>Table 26 : Commodity-wise Traffic Handled at Non-Major Ports – Karnataka</b>							
<b>Year</b>	<b>Traffic Handled (Million Tonnes)</b>						
	<b>POL &amp; Products</b>	<b>Granite</b>	<b>Fertiliser &amp; FRM</b>	<b>Salt</b>	<b>Iron Ore</b>	<b>Others</b>	<b>Total</b>
2003-04	0.15	0.23	0.02	0.05	0.49	0.19	1.17
2004-05	0.11	0.27	0.02	0.06	2.72	0.32	3.51
2005-06	0.10	0.25	0.03	0.10	3.40	0.24	4.12
2006-07	0.14	0.34	0.10	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	8.55
2010-11	0.03	0.36	0.02	0.03	2.32	0.31	3.10
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

## 16.6 TAMIL NADU

16.6.1 Tamil Nadu has a coastline of around 906 Kms. The State has 15 non-major ports, out of which only 6 ports handle cargo traffic.

16.6.2 During 2012-13 the non-major ports in Tamil Nadu collectively handled 0.93 million tonnes of cargo traffic as compared to 1.21 million tonnes in the previous year. The port-wise traffic is brought out in the **Table 27**.

<b>Table 27 : Traffic Achieved at Select Non-Major Ports-Tamil Nadu</b>							
<b>Year</b>	<b>Traffic Handled (Million Tonnes)</b>						
	<b>Ennore</b>	<b>PY-3</b>	<b>Naga-pattinam</b>	<b>Tirukka-daiyur</b>	<b>Cuddalore</b>	<b>Others</b>	<b>Total</b>
2003-04	0.05	0.18	0.31	0.15	-	-	0.69
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	-	0.90
2009-10*	0.04	0.07	0.60	0.33	0.12	-	1.17
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

Includes others (0.01) million tonnes

Nagapattinam port handled the maximum traffic of 0.37 million tonnes during 2012-13 accounting for more than 39.8% of the total traffic handled by all the non major ports in the State.

16.6.3 The commodity-wise breakup of traffic handled at non-major ports in Tamil Nadu indicates that POL & products constitute the major item of cargo handled (67.7%) followed by Fertiliser & FRM (26.9%) and Edible oil (2.2%) (**Table 28**).

<b>Table 28 : Commodity-wise Traffic Handled at Non-Major Ports-Tamil Nadu</b>					
<b>Year</b>	<b>Traffic Handled (Million Tonnes)</b>				
	<b>POL &amp; Products</b>	<b>Fertiliser &amp; FRM</b>	<b>Edible Oil</b>	<b>Others</b>	<b>Total</b>
2003-04	0.61	0.05	0.03	-	0.69
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	0.80	0.02	0.05	0.03	0.90
2009-10	1.04	0.05	0.05	0.03	1.17
2010-11	1.50	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

## **SECTION – II**

### ***1. VITAL PORT STATISTICS***

**Table 1.1** **Number of Major and Non-Major Ports in the Maritime State** (As on 31.3.2013)

State / U.T.	Number of Major Ports	Number of Non-Major Ports(a)	Total Number of Ports
1	2	3	4
<b><u>WEST COAST</u></b>			
Gujarat	1	41	42
Maharashtra	2	48	50
Goa	1	5	6
Daman & Diu	-	2	2
Karnataka	1	11	12
Kerala	1	17	18
Lakshadweep Islands	-	10	10
<b><u>EAST COAST</u></b>			
Tamil Nadu	3	15	18
Pondicherry	-	2	2
Andhra Pradesh	1	12	13
Orissa	1	13	14
West Bengal	1	1	2
Andaman & Nicobar Islands	-	23	23
<b>TOTAL</b>	<b>12</b>	<b>200</b>	<b>212</b>

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 31.3.2013)

<b>GUJARAT</b>	15 Trombay	<b>KARNATAKA</b>	9 Punnakkayal
1 Mandvi	16 Ulwa-Belapur /Panve	1 Mangalore	10 Tirukkadaiyur
2 Navlakhi	17 Mora	2 Malpe	11 PY-3(Oil field)
3 Bedi	18 Mandwa	3 Hangarkatta	12 Kattupalli(C)
4 Sikka	19 Karanja	4 Kundapur	13 Thiruchopuram(C)
5 Jafarabad	20 Thal / Rewas	5 Bhatkal	14 Manappad(C)
6 Okha	21 Alibag / Dharamtar	6 Honavar	15 Kudankulam
7 Porbandar	22 Revdanda	7 Tadri	
8 Veraval	23 Borli/ Mandla	8 Belekeri	<b>ORISSA</b>
9 Bhavnagar	24 Nandgaon	9 Karwar	1 Gopalpur
10 Bharuch	25 Murud- Junijira	10 Padubidri	2 Bahabalpur
11 Magdalla	26 Rajpuri / Dighi	11 Manki	3 Bahudamuham
12 Koteswar	27 Mandad		4 Palur
13 Mundra / GAPL	28 Kumbharu	<b>LAKSHADWEEP</b>	5 Baliharichandi
14 Jakhau	29 Shriwardhan	1 Agatti	6 Astaranga
15 Jodia	30 Bankot	2 Amini	7 Jatadhar Muhan
16 Salaya	31 Kelshi	3 Andrott	8 Barunei muhan
17 Pindhara	32 Har nai	4 Bitra	9 Dhamra
18 Beyt	33 Dabhol	5 Chetlat	10 Chudamani
19 Rupen	34 Palshet	6 Kavaratti	11 Inchuri
20 Mangrol	35 Borya	7 Kadmat	12 Chandipur
21 Kotda	36 Jaigad	8 Kiltan	13 Subanarekha Mouth (Kirtania )
22 Madhwad	37 Tiwri -Varoda	9 Kalpeni	
23 Navabandar	38 Purnagad	10 Minicoy	
24 Rajpara	39 Jaitapur	<b>ANDAMAN &amp; NICOBAR</b>	<b>DAMAN &amp; DIU</b>
25 Pipavav / GPPL	40 Vijaydurg	1 Port Blair	1 Daman
26 Mahuva	41 Deogad	2 Mus	2 Diu
27 Talaja	42 Achara	3 Car Nicobar	
28 Ghogha	43 Malvan	4 Havelock	<b>KERALA</b>
29 Khambhat	44 Niwti	5 Mayabunder	1 Koavalam /Vizhinjam
30 Dahej	45 Vengurla	6 Diglipur	2 Valiathura
31 Bhagwa	46 Redi	7 Rangat	3 Neendakara
32 Onjal	47 Kiranpani	8 Hut Bay	4 Kollam
33 Vansi-Borsi	48 Ratnagiri	9 Katchal	5 Alappuzha
34 Billimora		10 Campbell Bay	6 Kodungallore - Munumbum
35 Valsad	<b>ANDHRA PRADESH</b>	11 Neil Havelock	7 Ponnani
36 Umarsadi	1 Bhavanapadu	12 Dugong Creek	8 Thalassery
37 Kolak	2 Calingapatnam	13 Nancowry	9 Kannur
38 Maroli	3 Bheemunipatnam	14 Chowra	10 Kasaragode
39 Umergaon	4 Kakinada	15 Teressa	11 Cheruvathur / Neeleswaram
40 Mul-Dwarka	(i) Anchorage	16 Kondul	12 Manieswaram
41 Hazira	(ii) Kakinada Deep Water	17 Pillow Millow	13 Azhikkal
	5 Narsapur	18 East Island	14 Kozhikode/Beyppore
<b>MAHARASHTRA</b>	6 Machilipatnam	19 Cinque Island	15 Kayamkulam
1 Dahanu	7 Vadarevu	20 Jolly Bouy Island	16 Kottayam
2 Tarapur	8 Nizampatnam	21 Tillonchong	17 Vadakara
3 Nawapur	9 Krishnapatnam	22 Castle Bay	
4 Satpati	10 Gangavaram	23 South Bay	
5 Kelwa-Mahim	11 Mutyalammappalem		
6 Arnala ( Incl Datiwarc	12 Rawa	<b>TAMIL NADU</b>	<b>PUDUCHERRY</b>
7 Uttan		1 Cuddalore	1 Pondicherry
8 Bassein	<b>GOA</b>	2 Nagapattinam	2 Karaikal
9 Bhiwandi	1 Panaji	3 Rameswaram	
10 Manori	2 Chapora	4 Pamban	<b>WEST BENGAL</b>
11 Kalyan	3 Betul	5 Colachel	1 Kulpi
12 Thane	4 Talpona	6 Valinokkam	
13 Versova	5 Tiracol	7 Kanyakumari	
14 Bandra		8 Ennore	

(C) : Captive Ports

Source : State / UT

**Table 1.3****Topography of Major Ports**

(As on 31.3.2013)

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
<b>Kandla</b>	23° 01' N	70° 13' E	25.0	7.0	180-200	-	-	Tidal Creek Port
<b>Vadinar (OOT)</b>	-	-	8.0	23.5	1500	-	-	Single Buoy Mooring (Off -Shore Oil terminal)
<b>Mumbai</b>	18° 54' N	72° 49' E	9.6	10.9	366	1	366	Natural Harbour with Impounded Wet docks.
<b>J.L.Nehru</b>	18° 56' 43"N(a)	72° 56' 24" E	10.0(#)	11.0	350	All ships Turning off berths		All Weather Tidal Port
<b>Mormugao</b>	15° 25' N	73° 48' E	4.6	14.4	250	2	480	Protected Open Natural Harbour
<b>New Mangalore</b>	12° 55' N	74° 48' E	7.5	15.4	245	1	570	Artificial Lagoon port
<b>Cochin</b>	9° 58' N	76° 14' E	13.0	15.95	175	1	670	Dry Dock Natural Port
<b>V.O. Chidambaranar</b>	8° 45' N	78° 13' E	4.0	10.4	162	1	488	Artificial Harbour
<b>Chennai</b>	13° 06' N	80° 18' E	6.7	IH 18.6 OH 19.2	244	1	548	Artificial Harbour with Wet Docks.
<b>Ennore</b>	13° 15' 30"N	80° 21' E	3.775	16.0	250	1	600	Artificial Harbour
<b>Visakhapatnam</b>	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
<b>Paradip</b>	20° 15'-58".63N	86° 40'-27".34E	2.2	17.1	240	1	520	Wet Dock
<b>Kolkata Dock System</b>	22° 33' N	88° 18' E	232	2.8\$	45	2	KPD-190 NSD-228	Riverine with impounded Docks & River side Jetty.
<b>Haldia Dock Complex</b>	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-5.1, Max-8.5

@: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 31.3.2013)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2011-12	2012-13
1	2	3	4	5	6
<b>KANDLA</b>					
<b>I) Cargo Jetty</b>					
CJ-I - Multipurpose	9.8	182.87	45,000	92	93
CJ-II - Multipurpose	9.8	182.87	45,000	92	94
CJ-III - Multipurpose	9.8	182.87	45,000	91	95
J-IV - Multipurpose	9.8	182.87	45,000	88	93
CJ-V - Multipurpose	9.1	205.73	35,000	89	94
CJ-VI - Multipurpose	9.1	205.73	35,000	93	0
CJ-VII - Multipurpose	12.0	238.64	55,000	92	93
CJ-VIII - Multipurpose	12.0	213.04	55,000	94	81
CJ-IX - Multipurpose	12.0	182.87	55,000	91	89
CJ-X - Multipurpose	12.0	205.72	55,000	92	91
CJ-XI - Multipurpose & Container	12.5	281.00	65,000	52	48
CJ-XII - Multipurpose & Container	12.5	264.00	65,000	54	85
CJ- XIII- Multipurpose & Container	12.5	300.00	75,000		13
<b>II) Oil Jetty</b>					
OJ-I - POL Products,Veg.Oil & other Liquids	10.4	213.4	40,000	78	83
OJ-II - POL Products, Veg.Oil & other Liquids	10.0	183.0	52,000	79	84
OJ-III - POL Products, Veg. Oil & other Liquids	10.7	213.4	40,000	81	81
OJ-IV - POL Products, Veg. Oil & other Liquids	10.7	216.0	56,000	80	81
OJ-V - Phos. Acid & Ammonia	10.7	216.0	45,000	66	65
OJ-VI - POL Products	10.1	216.0	45,000	20	20
<b>III) At Vadinar</b>					
SBM-I - POL Crude	30.0	...	3,00,000	35	28
SBM-II - POL Crude	30.0	...	3,00,000	27	31
SBM-III - POL Crude	30.0	...	3,00,000	32	48
Product Jetty -I POL (Products)	14.0	...	1,00,000	48	73
Product Jetty -II POL (Products)	14.0	...	1,00,000	50	74
<b>MUMBAI@</b>					
<b>Indira Docks</b>					
1. Container	8.84 to 9.14	168	...	58	47
2. Container	8.84 to 9.14	175	...	60	50
3. Container	8.84 to 9.14	175	...	60	41
4. Container	8.84 to 9.14	175	...	40	54
9. Container	8.84 to 9.14	175	...	42	55
J/E Heavy lifts	8.84 to 9.14	160	...	40	22
10. Multipurpose	8.84 to 9.14	175	...	46	46
11. Multipurpose	8.84 to 9.14	175	...	42	32
12. Multipurpose	8.84 to 9.14	175	...	51	44
12 A. Multipurpose	8.84 to 9.14	175	...	51	35
12 B. Multipurpose	8.84 to 9.14	175	...	52	41
13 Multipurpose	8.84 to 9.14	175	...	35	32
13 A. Multipurpose	8.84 to 9.14	175	...	64	54

Annual cargo handling capacity excluding 0.80 MMTs Transhipment capacity at vadinar and 1.50 MMTs at bunder area and 1.20 MMTs at TUNA.

Table 1.4 Contd...

**Berths Available at Major Ports**

(As on 31.3.2013)

Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage	
				Occupancy during	
				2011-12	2012-13
1	2	3	4	5	6
13 B.Cargo and Bulk Cargo	8.84 to 9.14	175	...	66	67
14. Fertilizers & Food Grains	8.84 to 9.14	175	...	23	50
15. Fertilizers & Food Grains	8.84 to 9.14	175	...	59	43
16. Multipurpose	8.84 to 9.14	175	...	40	54
18. Multipurpose	7.0 CD	186	...	58	63
19/20. Multipurpose	7.0 CD	160	...	63	76
21. Multipurpose	7.0 CD	160	...	60	84
22/23. Multipurpose	7.0 CD	160	...	38	65
<b>Ballard Station</b>					
Pier- Container	10.0 CD	183	...	38	51
<b>Ballard Extn.</b>					
Pier- Paassenger cum Cargo	10.0 CD	221	...	76	82
<b>Victoria Dock *</b>					
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	...	*	*
<b>Prince's Dock *</b>					
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	...	**	**
<b>Jawahar Dweep</b>					
1.JD - POL	11.58	226	70,000	65	57
2 JD - POL	10.97	226	48,000	46	47
3.JD - POL	11.58	226	70,000	60	57
4 JD - POL	14.30	300	1,25,000	67	71
Old Pir Pau Jetty - POL/Chem	7.50	171	35,000	40	51
New Pir Pau Jetty- POL/Chem	12.00	197	47,000	81	84

Availability is less than 365 days at some berths due to decommissioning of berths for dredging, maintenance, repairs etc. Berth no. 5,6,7 and 8  
Indira Dock used as holding berths for Mb.P.T. crafts/supply vessels. 17 ID was not used from October, 2010 onwards due to beam restriction,  
berthing small crafts.

Table 1.4 Contd...

## Berths Available at Major Ports

(As on 31.3.2013)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2011-12	2012-13
1	2	3	4	5	6
<b>J.L.NEHRU</b>					
CB-01- Container JNPCT	12.5	680	85,000	88	81
CB-02 - Container JNPCT				76	70
CB-03 - Container JNPCT				55	43
CB-04 - Container NSICT	12.5	600	1,00,000	79	80
CB-05 - Container NSICT				78	62
GTI-01-Container GTIPL	12.5	712	85,000	79	81
GTI-02-Container GTIPL				19	0
GTI-03-Container GTIPL				78	76
<b>Liquid Cargo Berth(BPCL)</b>					
Piled Jetty-Seaward-LB-01	12.5	300	1,00,000	89	90
Inner face-LB-02	10.0	280	45,000	89	81
SB-01 Shallow Draught Berth	5.0	445	30,000	28	47
SB-02 Shallow Draught Berth	7.2			71	40
SB-03 Shallow Draught Berth	9.0			83	60
<b>JNPT Anchorage</b>	-	-	-	56	5
<b>MORMUGAO</b>					
5 General Cargo(a)	13.1	190	50000	...	38
6 General Cargo(a)	14.1	225	70000	...	78
7. Barge Berth(b)*					
8. Liquid Bulk	13.1	260	125000	66	37
9. Ore	14.1	335	275000	88	23
10. General Cargo	13.1	225	55000	79	53
11. General Cargo	13.1	225	65,000	86	48
East of Mooring Dolphins		-	-	-	-
No.1 & 2 Mooring Dolphins	14.1	225	70,000	-	-
No.2 &3 Mooring Dolphins	14.1	225	70,000	-	-
No.3 &4 Mooring Dolphins	14.1	225	70,000	-	-
No.4 &5 Mooring Dolphins	14.1	225	70,000	-	-
No.5 &6 Mooring Dolphins	14.1	225	70,000	-	-
<b>NEW MANGALORE</b>					
No. 1 General Cargo	7.0	125	4000	5	8
No. 2 General Cargo	10.5	198	30000	44	40
No. 3 General Cargo	10.3	198	30000	46	39
No. 4 General Cargo/Liq. Amonia/Phos. Acid	9.5	198	30000	24	23
No. 5 General Cargo/Bulk Cement/Edible Oil	9.5	198	30000	44	42
No. 6 General Cargo	9.5	198	30000	53	39
No. 7 General Cargo	9.5	198	30000	50	37
No. 8 Iron Ore Berth (Mechanical)	12.5	300	60000	35	39
No.9 POL/LPG	10.5	330	45000	81	76
No. 10 Crude Oil	14.0	320	85000	68	83
No.11 Crude Oil/POL Products	14.0	320	85000	70	80
No.12 Multi User Jetty-POL/Chemicals	12.5	320	50000	64	64
No.13 Crude / POL Products	14.0	350	85000	-	-
No. 14 Deep Draft multipurpose Berth-General C	14.0	350	90000	59	56
No.15 Coal (Machanical)	14.0	300	90000	7	30
Single Point Mooring (SPM)	30.0	-	300000	-	-

1-Berth Nos.5&amp;6 are operated by M/s South West Port Ltd.on BOOT basis.

2-MD means Mooring Dolphins.

3 -"Consession Agreement has been excuted between M/s Adani Mormugao Port Terminal Pvt. Ltd.,Ahmedabad and Mormugao Port Trust on 22.09.2009 for development of 4.61 MMTPA Coal Terminal at this berth. The project is awarded on 15.05.2010.

4 -3 no additional Mooring Dolphins have been constructed of which 1 no. has been commissioned. Remaining 2 nos. will be commissioned after completion of dredging work and the total corgo handling capacity of all 6 Mooring Dolphins would be 10 million tonnes.

5 -\$ Dredging is in progress.

Table 1.4 Contd...

## Berths Available at Major Ports

(As on 31.3.2013)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2011-12	2012-13
1	2	3	4	5	6
<b>COCHIN</b>					
Q1 - General Cargo	9.1	} 670	16000	100	36
Q2 - General Cargo	9.1		16000	28	100
Q3 - General Cargo	9.1		16000	100	100
Q4 - General Cargo/Liquid Bulk	9.1		16000	100	100
Q5 - General Cargo/Finished Fertiliser/CBFS	10.5	} 503	20000	98	100
Q6 - General Cargo/Container/CBFS	10.5		20000	42	84
Q7 - General Cargo	10.5		20000	20	100
Q8 - General Cargo	12.5	} 414	60000	55	65
Q9 - General Cargo	12.5		60000	82	100
Q10 - Fert. Raw Materials/Phos.Acid	10.7	278	60000	74	100
BTP - Passenger & Cargo/Liquid Bulk	10.2	} 410	35000	75	100
NCB - General Cargo/Liquid Amonia	9.1		35000	100	20
SCB - General Cargo/Liquid Amonia	9.1	192	12000	91	64
COT - POL /Crude	12.5	430	115000	78	62
NTB - POL Products	9.1	298	30000	46	49
STB - POL Products	9.1	266	18000	24	21
SPM - Crude Oil	22.5	370	300000	49	43
V1* Container		} 600		-	-
V2* Container	14.5		45000	42	70
V3* Container	14.5		45000	76	53
<b>TUTICORIN</b>					
<b>Alongside Berths</b>					
Berth No.1 - General Cargo	9.3	184	61755	92	85
Berth No.2 - General Cargo	9.3	191	57809	91	83
Berth No.3 - Bulk Cargo	10.7	230	71488	95	88
Berth No.4 - Bulk & Ph.Acid	10.7	230	71488	93	82
Berth No. 5 - Passenger & GC	8.6	201	55473	86	87
Berth No. 6 - General Cargo	9.3	201	58849	96	88
Berth No.7\$ - Container	10.9	231	43401	94	92
Berth No.8 - General Cargo	12.8	190	58722	93	87
Berth No.9 - General Cargo	12.8	229	79224	89	90
<b>Shallow Drought Berth</b>					
Berth No.1 - General Cargo	} 5.9	112	6266	40	25
Berth No.2 - Coast Guard		77	2800	-	-
<b>Oil Jetty</b>					
NCB I					82
Oil Jetty- POL, Ammonia	12.8	227	64220	57	39
<b>Coal Jetties</b>					
Coal Jetty No.1 -Thermal Coal	12.8	196	58930	90	84
Coal Jetty No.2- Thermal Coal	12.8	224	73879	84	87
<b>CHENNAI</b>					
<b>Dr. Ambedkar Dock</b>					
1. North Quay - Passenger/ G.C./LB	8.5	198	...	64	55
2. West Quay 1 - G.C./Other Liquid Cargo	11.0	171	...	58	45
3. West Quay 2 - General Cargo/RO-RO/LB	12.0	171	...	54	44
4. Centre Quay - General Cargo/Food Grains	12.0	171	...	62	52
5. West Quay 3 - General Cargo/Food Grains	12.0	171	...	75	74

\* Operated by Dubai Port World

\$ Operated by M/s PSA SICAL Terminals Ltd.

... Maximum size of the ship that can be accommodated depends on length/Draft of berths and is not maintained in terms of DWT.

Table 1.4 Contd...

## Berths Available at Major Ports

(As on 31.3.2013)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2011-12	2012-13
1	2	3	4	5	6
6. West Quay 4 - Fert./General Cargo/Passenger	11.0	171	...	69	59
7. South Quay 1 - Fert./General Cargo/Dry Bulk	9.5	246	...	74	66
8. South Quay 2 - Fert./General Cargo/Dry Bulk/LB	9.5	179	...	75	62
<b>Jawahar Docks</b>					
11. J.D.1 - Fertilizer/Dry Bulk	11.5	218	...	74	64
12 J.D.2 - Under BRS/Fertilizer/Dry Bulk	11.5	218	...	75	64
13. J.D.3 - Fertilizer/Dry Bulk	11.5	218	...	75	70
14. J.D.4 - Other Ores/Coal	11.0	218	...	47	58
15. J.D.5 -Fertilizer/Dry Bulk	11.5	218	...	61	51
16. J.D.6 - Other Ores/Coal	11.0	218	...	52	87
<b>Bharathi Docks</b>					
17. B.D.1 - POL	14.6	356	...	82	82
18. B.D.2 - Iron Ore/Liquid	16.5	382	...	60	64
19. B.D.3 - POL	16.5	308	...	81	81
<b>Container Terminal</b>					
20. CT-1 - Containers	13.4	200	...	19	10
21. CT-2 - Containers	13.4	200	...	56	37
22. CT-3 - Containers	13.4	200	...	70	53
23. CT-4 - Containers	13.4	285	...	73	57
24. SCB-I - Containers	12.0	287	....	51	53
25. SCB-II - Containers	12.0	270	....	48	53
26.SCB-III-Containers	12.0	275	....	47	36
<b>ENNORE</b>					
Coal Berth - 1	13.5	280(a)	77000	66	74
Coal Berth - 2	13.5	280(a)	77000	10	25
Marine Liquid Terminal-1-POL/Chemicals	13.5	360	150000	21	38
CICT- Coal	13.5	325	150000	38	49
GCB* Automobiles/Project Cargo	10.0	278	70000	27	15
<b>VISAKHAPATNAM</b>					
<b>Inner Harbour</b>					
<b>Multipurpose Berths</b>					
East Quay - 1@	10.1	168	...	86	73
East Quay - 2@	10.1	168	...	82	55
East Quay - 3	10.1	168	...	85	76
East Quay - 4	10.1	231	...	90	85
East Quay - 5	11.0	168	...	90	82
East Quay - 6@	11.0	183	...	65	74
East Quay - 7	11.0	255	...	91	87
East Quay - 8	11.0	255	...	55	58
East Quay - 9	11.0	255	...	63	67
West Quay - 1	11.0	212	...	81	79
West Quay - 2	11.0	227	...	77	78
West Quay - 3	11.0	201	...	87	80
West Quay - 4	11.0	243	...	86	78
West Quay - 5	11.0	242	...	78	74
RE WQ-I -POL and small Jatties	8.0	170	...	46	39
<b>Captive Berths</b>					
Oil Refinery Berth - 1-POL	10.1	183	...	73	66

@EQ1 berth was de-commissioned w.e.f. 17.6.2012.

@WQ-2 berth was commissioned 24.6.2012

@ EQ-6 berth was de-commissioned w.e.f. 15.2.2013

GCB Berth was de-commissioned w.e.f. August, 2011

Table 1.4 Contd...

## Berths Available at Major Ports

(As on 31.3.2013)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2011-12	2012-13
1	2	3	4	5	6
Oil Refinery Berth - 2-POL	9.8	183	...	72	65
Fertiliser Berth-Fert./Raw Material/Liquid Ammonia	10.1	173	...	46	28
<b>Outer Harbour</b>					
1. GCB - General cum Bulk Cargo@-Multipurpose	14.5	356	...	83	-
<b>Captive Berths</b>					
OB -1&OB-2 Iron Ore/Coking Coal/Steam coal	16.5	270	...	90	94
OSTT - Crude Oil	17.0	408	...	35	26
LPG -POL/LPG	14.0	371	...	69	74
VCT- Containers	14.5	451		75	71
<b>PARADIP</b>					
Iron Ore Berth-Iron Ore	13.0	260	70,000	61	52
East Quay - I -General	11.0	} 260	60000	79	72
East Quay - II-General	11.5		60000	86	78
East Quay - III-General	12.0		70000	90	86
South Quay-General	12.5	260	60000	82	77
Central Quay - I-General	14.5	} 230	95000	86	88
Central Quay - II-General	12.8		95000	88	84
Central Quay - III-General	12.5		95000	73	68
Fertiliser Berth - I	12.5	252	65000	50	44
Fertiliser Berth - II	12.5	252	65000	77	63
Multipurpose Berth-General	12.5	190	60000	86	85
Coal Berth - I	14.0	} 260	80000	37	58
Coal Berth - II	14.0		80000	51	62
Oil Jetty	13.5	260	80000	39	43
SPM - Crude Oil	21.0	370	330000	34	37
RO-RO Jetty- P. Cargo	5.0	90	10000	-	-
<b>KOLKATA DOCK SYSTEM</b>					
<b>Kidderpore Dock (KPD)</b>					
1 KPD- General	7.8	133	Around 25000 depending on parcel load#	78	63
3 KPD -General	8.4	128		73	66
4 KPD-General	8.7	136		98	85
5/7 KPD- General	8.6	229	-do-	73	79
6 KPD-General	9.0	118	-do-	80	31
8 KPD- General	9.2	128	-do-	92	98
9 KPD- General	9.0	108	-do-	26	98
10 KPD- General	8.9	161	-do-	78	85
11 KPD (Passenger & Coastal)	8.7	151	-do-	83	52
12 KPD( Passenger & Coastal)	8.9	143	-do-	98	96
22 KPD-General	8.6	151	-do-	100	77
23 KPD-General	8.8	147	-do-	100	100
24 KPD-General	9.1	152	-do-	28	43
25 KPD-General	8.8	169	-do-	60	92
26 KPD-General	8.4	185	-do-	97	78
27 KPD-General	7.7	195	-do-	64	96
28 KPD-General	8.5	195	-do-	45	60
29 KPD-General	7.4	185	-do-	59	35

@GCB berth was de-commissioned w.e.f. August, 2011.

+ 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 8.5 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 31-03-2013)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2011-12	2012-13
1	2	3	4	5	6
<b>Netaji Subhash Dock (NSD)</b>					
1 NSD-General/Heavy Cargo	7.1	200	-do-	60	48
2 NSD-General Cargo	7.8	187	-do-	40	55
3 NSD-General Cargo	9.0	183	-do-	48	59
4 NSD-Container	8.6	181	Around 21000	80	72
5 NSD-Container	8.2	182	-do-	63	62
7 NSD-Container	8.5	192	-do-	61	58
8 NSD-Container	8.0	225	Around 25000	78	79
12 NSD-Liquid Cargo	8.1	152	depending on parcel load	25	36
13 NSD-General Cargo	8.2	174	-do-	46	47
14 NSD-General Cargo	7.4	174	-do-	67	60
<b>Buj Buj Jetties</b>					
1 BB-Liquid Cargo	11.5	189	Around 38000*	95	68
2 BB-Liquid Cargo	11.5	116	-do-	13	22
3 BB-Liquid Cargo	11.5	163	-do-	21	21
5 BB-Liquid Cargo	10.5	189	-do-	43	39
7 BB-Liquid Cargo	8.5	137	-do-	43	44
8 BB-Liquid Cargo	8.5	189	-do-	25	34
<b>HALDIA DOCK COMPLEX</b>					
HOJ-I - POL, Amonia & Chemical	12.2	236	90000	79	79
HOJ-II - POL	12.2	277	150000	72	71
HOJ-III- POL Crude	12.5	275	150000	32	17
Berth No.2 - Multipurpose Berth handling Dry Bulk	12.2	238	75000	70	46
Berth No. -3- Multipurpose Berth handling POL, Iron Ore & other bulk	12.2	239	75000	61	66
Berth No.- 4 -Thermal Coal (Mechanised)	12.2	239	90000	64	65
Berth No.- 4 A- Coking Coal (Mechanised)	12.2	230	75000	62	62
Berth No. - 4 B - Multipurpose-Dry Bulk & Break Bulk	12.2	180	75000	83	86
Berth No. 5 - Coking Coal & FRM (Dry)-Mechanised	12.2	183	75000	94	95
Berth No. 6 - Multipurpose-Dry Bulk, Break Bulk & Liquid Bulk	12.2	212	75000	82	79
Berth No. 7 - Multipurpose-Dry Bulk, Break Bulk & Liquid Bulk	12.2	212	75000	71	77
Berth No. 8 - Multipurpose-Dry Bulk, Break Bulk & Liquid Bulk	12.2	**220	75000	62	38
Berth No. 9 - Multipurpose-Dry Bulk, Break Bulk & Container	12.2	**210	75000	87	96
Berth No. 10 - Multipurpose-Dry Bulk, Break Bulk & Container	12.2	**210	75000	64	61
Berth No. 11 - Multipurpose-Dry Bulk, Break Bulk & Container	12.2	**210	75000	75	71
Berth No. 12 - Multipurpose-Dry Bulk & Break Bulk	12.2	**210	75000	66	71
Berth No. 13 - Multipurpose-Dry Bulk & Break Bulk	12.2	**210	75000	79	75

\* 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 31.3.2013)

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>1. KANDLA</b>						
<b>(a) Dry Cargo Storage accommodation</b>						
<b>Covered area</b>						
i) Transit Sheds			-	Agencies	2188877 KLS	
ii) Ware-Houses/Godowns	28	139279				
iii) CFS Sheds	2	6480				
iv) Bulk Storage for Fertilizers						
i) Bulk Storage	1	7080				
ii) Bagging plant	1	5510				
v) Other Godowns in side dock a	1	2970				
<b>Open Area**</b>						
Kutcha Plots		74377				
Pucca Plots		1282128				
<b>2. MUMBAI</b>						
<b>(a) Covered area</b>						
i) Transit Sheds	19	89665	2	Jawahar Deep	5316 KLS	Slop/dirty ballast
ii) Ware-Houses	27	155938	8	Jawahar Deep	182864KLS	HSD/SKO/FO
iii) Container Freight Station	19	57227	4	Victoria Docks	29000 KLS	Molasses/Vegetable Oil
<b>(b) Open Area</b>						
i) Inside Docks	38	208685	3	Mallet Bunder	36000 T	Vegetable Oil
			6	Carnac Bunder	11500 T	Vegetable Oil
ii) Outside Docks	17	220501	69	Hay Bunder	476000 T	Vegetable Oil
<b>(c) Container Yards</b>						
i) Inside Docks	3	622 Slots	2	Pir Pau	20000 T	LPG
			28	Pir Pau	90000 KL	Chemicals
ii) Outside Docks	5	5579	17	Pir Pau	35000 KL	Chemicals/Lub. Oil
	3	62987				
<b>3. MORMUGAO</b>						
<b>(a) Covered area</b>						
i) Transit Sheds/Overflow sheds	1	8250	11	Port Area	22600 KL	Molasses, Caustic Soda, F. Oil, etc.
ii) Ware-Houses	6	18832	2	Port Area	8000 T	Ammonia
iii) Ware-Houses- CWC & FCI	4	14480	31	Vasco City	204313 KL	POL Products
<b>(b) Open Area</b>						
			3	Vasco City	12500 KL	Phosphoric Acid
i) Container	-	16000	4	Port Area	26000 T	Liquid Products
ii) Others	-	309389				

\*\* Open area excludes 27000 Sq.Mtrs of area at Tuna, Under Port

Table 1.5 Contd.

## Storage Facilities Available at Major Ports

(As on 31.3.2013)

Port/Type	Dry Storage Accomodation		Liquid Storage Tanks			
	No.	Capacity	No.	Location	Capacity	Type of Cargo
1	2	3	4	5	6	7
<b>4. NEW MANGALORE</b>						
i) Transit/Overflow Sheds	4	16480	55	Wharf Area	230645 (KL)	Chemicals/POL/Molasses
ii) Covered Ware-Houses	9	19984				/Edible Oil
iii) Open Stack Yard	6	115504	5	Wharf Area	33500(T)	Phosphoric Acid/ Ammonia/Edible Oil.
iv) Container Stack Yard	2	43000	3	Wharf Area	15000( T)	Cement Silos(3)
<b>5. J. L. NEHRU</b>						
i) CFS- JNP	1	264166	124	Outside	671490 MT	A,B,C class of chemicals,
ii) CFS-Private	29	2960602	Tank Farms			POL Products, Edible
iii) Open Area-Inside Port		1518527				Oil & other liquids.
<b>6. COCHIN</b>						
<b>(a) Covered area</b>						
i) Transit Sheds	11	32360	90	W/Island	260117	Petroleum Products
ii) Ware-Houses	5	14780	19	W/Island	59091 KL	Vegetable/Edible/Refined Oil
iii) Other Sheds	2	7000	2	W/Island	8600 MT	Carbon Black Oil
iv) CFS	1	10000	1	W/Island	2400 MT	Cashew
<b>(b) Open Area</b>			1	W/Island	10000 MT	Ammonia
i) Open Space	1	125000				
ii) Open at the Wharf	4	8850				
iii) CFS Yard	1	20000				
<b>7. TUTICORIN</b>						
<b>(a) Covered area</b>						
i) Transit Sheds	2	22070	3	'OC Wharf Berth I'	15000 Cu.m	Phosphoric Acid
ii) Ware - Houses	4	20550	3	Outside	41600 KL	Naptha
iii) Other covered area	2	1472	3	-do-	25500 KL	Furnace Oil
vi) Private Warehouses	16	459000	3	-do-	15540 KL	LSHF/HSD
<b>(b) Open Area</b>			1	-do-	750 KL.	LSFO
i) General cargo	-	568700	3	-do-	78000 KL.	Petrol
ii) Container	-	54000TEUs	2	-do-	18030 KL.	Kerosene
			11	-do-	7000 Cu.m	VCM
			1	-do-	10000 T	Ammonia
			2	-do-	15000 T	LPG
			2	-do-	7790 KL	EDC/DNS
<b>8. CHENNAI</b>						
<b>A. Port Owned</b>						
<b>(a) Covered area</b>						
i) Transit / Overflow Sheds	7	37238	11	Area-I	33402	Molasses
ii) Ware-Houses	4	24329	9	Area-I	18000	Edible Oil /Molasses
iii) Container Freight station	1	6000	6	Area-IV	9966	Edible Oil & Palmolien Oil
<b>(b) Open Area</b>		663018	4	Area-IV	11796	Edible Oil

Table 1.5 Contd.

## Storage Facilities Available at Major Ports

(As on 31.3.2013)

Port/Type	Dry Storage Accomodation		Liquid Storage Tanks			
	No.	Capacity	No.	Location	Capacity	Type of Cargo
1	2	3	4	5	6	7
<b>B. Others (Area Allotted)</b>			1	Area-IV	5834	Molasses
(a) Covered area			11	Area-IV	45700	Edible Oil & Palmolien Oil
i) Inside port		58422	3	Area-IV	18180	Phosphoric Acid
ii) Outside port		10697	4	Area-IV	11470	Molasses
(b) Open Area			4	Area-IV	12121	Molasses
i) Inside port		1167911				
ii) Outside port		4068				
<b>9. VISAKHAPATNAM</b>						
<b>A. Port Owned</b>						
<b>(a) Covered area</b>						
i) Transit Sheds/Storage sheds	10	33888	93	HPCL	1193355	Crude & Products
ii) Ware- Houses	1	10482	29	IOC	121382(T)	POL Products
<b>(b) Open Area</b>			15	BPCL	67770(T)	POL
i) Bulk cargo	...	1327765	11	CIL	67500	Mol.Sulphur, Phos. Acid, Sulphuric Acid & Liquid
ii) Iron ore	...	369018				
			3	Nalco	30000 T	Caustic Soda
<b>B. Owned by Users</b>			26	IMC/JRE/AVRS	72708 KL	Edible Oil, Chemicals, Sulphuric Acid, Bio-diesel,
<b>(a) Covered area</b>						
i) Cargo	12	147570	3	EIPL	9000 T	LPG
ii) Ware- Houses	-	66230	21	EIPL	105690 KL	POL & Ethonol
iii) Sylo	5	79300				
			1	South Asia LPG C	60000 T	LPG
<b>(b) Open Area</b>						
i) Cargo		25000				
ii) Container						
<b>10. PARADIP</b>						
<b>(a) Covered area</b>						
i) Transit Sheds/Over flow shed:	2	9700	36	Outside Port	243000 KL	POL Products
ii) Ware - Houses	2	7700	32	Outside Port	289000 KL	FRM (liquid)
iii) Container Freight Station	1	1000 TEUs	15	Outside Port	900000 KL	POL (crude)
<b>(b) Open Area</b>		2150050				

Table 1.5 Contd.

## Storage Facilities Available at Major Ports

(As on 31.3.2013)

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>11. KOLKATA DOCK SYSTEM</b>						
<b>A. Port Owned (inside port)</b>						
<b>(a) Covered area</b>						
i) Transit Sheds	26	134722	3	Outside Port	4500 KL	Vegitable Oil
ii) Ware-Houses	3	10794	42	Inside Port	82095 KL	Vegitable 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>(b) Open Area</b>		133000				
		12000 TEUs Normal				
<b>B. Others (outside port)</b>						
<b>(a) Covered area</b>						
i) Container Freight Station	4	...				
<b>12. HALDIA DOCK COMPLEX</b>						
<b>(a) Covered area</b>						
i) Transit/Overflow Sheds	3	25040*				
ii) Container Yard	1	5000				
<b>(b) Open Area</b>	11	892840 **				
<b>13. ENNORE</b>						
<b>Open Area</b>						
Harderne Area Dry Cargo	-	-	63	Port	249455	POL/Chemical
Car Parking Yard	1	166000				
Coal/Iron Ore Stackyard	2	1014964				

\* 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
<b>POL</b>														
As on 31.3.08	3.96	17.00	6.00	17.65	-	11.80	2.30	18.70	22.00	1.50	32.00	46.00	5.50	184.41
As on 31.3.09	3.96	17.00	21.00	17.65	3.00	11.80	2.30	18.70	22.00	1.50	32.00	55.24	5.50	211.65
As on 31.3.10	3.96	17.00	21.00	17.65	3.00	11.80	2.30	18.70	22.00	1.50	32.00	62.83	5.50	219.24
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
<b>Iron Ore</b>														
As on 31.3.08	-	6.00	4.50	12.50	-	8.00	-	-	7.50	24.30	-	-	-	62.80
As on 31.3.09	-	6.00	4.50	12.50	-	8.00	-	-	7.50	24.30	-	-	-	62.80
As on 31.3.10	-	6.00	4.50	12.50	-	8.00	-	-	7.50	28.30	-	-	-	66.80
As on 31.3.11	-	8.00	4.50	12.50	6.00^	8.00	-	-	7.50	33.00	-	-	-	79.50
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
<b>Coal</b>														
As on 31.3.08	-	7.00	20.00	-	13.00	-	6.25	-	-	-	-	-	-	46.25
As on 31.3.09	-	7.00	20.00	-	13.00	-	6.25	-	-	-	-	-	-	46.25
As on 31.3.10	-	7.00	20.00	-	13.00	-	6.25	-	-	-	-	-	-	46.25
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
<b>Fertiliser</b>														
As on 31.3.08	-	-	7.50	1.00	-	-	-	0.60	-	-	-	-	-	9.10
As on 31.3.09	-	-	7.50	1.00	-	-	-	0.60	-	-	-	-	-	9.10
As on 31.3.10	-	-	7.50	1.00	-	-	-	0.60	-	-	-	-	-	9.10
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
<b>Break-Bulk Cargo</b>														
As on 31.3.08	5.70	12.70	18.00	28.30	-	16.10	7.20	4.76	14.00	7.25	9.20	13.00	0.80	137.01
As on 31.3.09	6.30	12.70	18.00	29.38	-	16.80	9.26	4.76	14.70	7.25	9.80	14.80	0.80	144.55
As on 31.3.10	6.44	12.70	23.50	29.38	-	17.92	10.17	6.76	14.70	7.25	9.80	14.97	0.90	154.49
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
<b>Container</b>														
As on 31.3.08	4.90	4.00	-	1.70	-	17.45	5.00	4.31	-	-	3.50	3.60	48.04	92.50
As on 31.3.09	5.50	4.00	-	1.70	-	19.15	5.00	4.31	-	-	1.90	7.20	51.66	100.42
As on 31.3.10	5.50	4.00	-	1.74	-	33.60	5.00	4.31	-	-	1.90	7.20	57.60@	120.85
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
<b>TOTAL</b>														
As on 31.3.08	14.56	46.70	56.00	61.15	13.00	53.35	20.75	28.37	43.50	33.05	44.70	62.60	54.34	532.07
As on 31.3.09	15.76	46.70	71.00	62.23	16.00	55.75	22.81	28.37	44.20	33.05	43.70	77.24	57.96	574.77
As on 31.3.10	15.90	46.70	76.50	62.27	16.00	71.32	23.72	30.37	44.20	37.05	43.70	85.00	64.00	616.73
As on 31.3.11	16.35	50.70	76.50	64.93	31.00	79.72	27.04	40.98	45.57	41.90	44.53	86.91	64.00	670.13
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

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

@ : Capacity of JNP Container Terminal (3berths), NSICT (2berths), GTIPL (3berths) & 1 shallow water berth has been taken as 16.88 MT, 15.0 MT, 26.40 MT and 1.20 MT respectively. Capacity of one shallow water berth at JNPT is .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 6.0MT 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.

ID are used as holding berth for MbPT crafts & no capacity has been accounted.

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	EPL	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	
<b>POL</b>															
	31.3.09	7+A	3+2BJ	1+SBM	4	1	2	1	3+SPM	4	1	5	7+3SBM+A	2	41+5SBM+2BJ+A
	31.3.10	7+A	3+2BJ	1+SBM	4	1	2	1	3+SPM	4	1	5	8+3SBM+A	2	42+3SBM+2BJ+2SPM
	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
<b>IRON ORE</b>															
	31.3.09	-	2	1	1	-	1	-	-	1	1+TRANS	-	-	-	7+TRANS
	31.3.10	-	2	1	1	-	1	-	-	1	1+TRANS	-	-	-	7+TRANS
	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
<b>COAL</b>															
	31.3.09	-	2	2	-	2	-	2	-	-	-	-	-	-	8
	31.3.10	-	2	2	-	2	-	2	-	-	-	-	-	-	8
	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
<b>FERTILISER</b>															
	31.3.09	-	-	2	1	-	-	-	1	-	-	-	-	-	4
	31.3.10	-	-	2	1	-	-	-	1	-	-	-	-	-	4
	31.3.11	-	-	2	1	-	-	-	1	-	-	-	-	-	4
	31.3.12	-	-	2	1	-	-	-	1	-	-	-	-	-	4
	31.3.13	-	-	2	1	-	-	-	1	-	-	-	-	-	4
<b>BREAK BULK</b>															
	31.3.09	22+A	8	8	15	-	14	10+ Bzone	8	8	4	24#+A	11	1	133+Bzone+A
	31.3.10	22+A	8	9	15	-	14	10+BZone	9	8	4	24	11	1	135+Bzone+A
	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
<b>CONTAINER</b>															
	31.3.09	4	2	-	1	-	4	1	3	-	-	2	2	9	28
	31.3.10	4	2	-	1	-	7	1	3	-	-	2	2	9	31
	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
<b>TOTAL</b>															
	31.3.09	33+A	17+2BJ	14+SBM	22	3	21	14+BZone	15+SPM	13	6+TRANS	31+A	20+3SBM+A	12	221+5SBM+TRANS+2BJ+Bzone+A
	31.3.10	33+A*	17+2BJ	15+1SBM	22	3	24	14+BZone	16+SPM	13	6+TRANS	31+A	21+3SBM+A	12	227+5SBM+TRANS+2BJ+B Zone+A
	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	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

BJ - Barge Jetty

A - Anchorage

SBM - Single Buoy Mooring

TRANS - Transhipper

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

VJs= Virtual Jetties

\*: In addition,lighterage operation of liquid cargo &amp; dry cargo is carried out at Sandheads, Saugor Anchorage, Diamond Harbour, Kulpi, etc

Source : Development Wing, M/o Shipping.

**Table 1.8****Cargo Handling Equipment Available at Major Ports (As on 31.3.2013)**

(In Nos.)

Port	Crane				Fork Lift Truck	Tractor	Trailor	Shovel Dozer & Pay Loader	Locomotive
	Mobile	Wharf	Container						
			Quay	Yard					
1	2	3	4	5	6	7	8	9	10
Kolkata Dock System	10	1	-	4	16 \$	8	58	-	4
Haldia Dock Complex	2	-	-	1	7	1	5	12	11
Paradip	5^	2	-	-	-	-	-	-	7
Visakhapatnam	2	19	-	-	-	-	-	6	13
Chennai	3	6	14*	40*	10+11*		95*	2	12
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	2	3	35 @	5	-	-	5
J. L. Nehru	2	-	9+18*	23+64*	10+9*		20+240*	4**	-
Kandla	-	16	-	-	9	3	1	2	-
All Ports	34	60	50	158	134		512	26	55

\*: Under BOT Operators.

(\$ ) 13 FLT's, 3 RST

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

#: Inclusive of 10 electric forklifts trucks for departmental use &amp; 1 Floating Crane.

## In addition, Floating Crane-1.

^: 5 cranes are provided by Pvt. Operator.

\$\$ - 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 31.3.2013)

Port	No. of Berths	Vessel Size (IN DWT)	Equipment						
			Quay Side Gantry Cranes	Yard Gantry Cranes	Toplift Reach Stackers	Forklift	Tractors	Trailers	
1	2	3	4	5	6	8	7	9	
<b>KOLKATA DOCK SYSTEM</b>	4	21,000	-	3x35.5 T	RST:3X45T(*)	medium duty Nil	Hippo 40T	NIL	19X40T
				1x40 T	TLT: Nil				6x20T
<b>HALDIA DOCK COMPLEX</b>	2	40,000	-	1x30 T	1X35T		7	1x10T	5
<b>VISAKHAPATNAI</b>	1(Under BOT Operator)	1,00,000	RMQC-2Nos.	RTGC - 2	2x45T		1x5T	-	16
			2x35.6T (SWL)	Nos.	2x10T				
<b>CHENNAI</b>	7 (Under BOT)	95,000	14	40	1ECH -6		4		95
<b>V.O.Chidambaran</b>	1(Under BOT)	47,000	3x40T (SWL)	8x35T (SWL)	-	-		12x50T (SWL)	12x50T (SWL)
<b>COCHIN #</b>	3(Under BOT)	1,00,000	4	15	2/3		4	-	30
									( Leased by BOToperator)
<b>J.N.P.T.- JNPCT (Port's own)</b>	4 + 1 Shallow	70,000	3x35.5 T 2x 50 T 3x40T(Hired)	RTGC- 12x40T -6x40T(Hired)	2x45T(**)		10(3 to 5T)	20	78
<b>NSICT (BOT Operator)</b>	2	85,000	8x50 T	RTGC- 29x40T RMGC- 3x40T	2x40T-TLT 3x40T			50 Owned# 100 Hired#	- -
<b>GTIPL (BOT Operator)</b>	2	85,000	8x61 T	FGC- 29x50/6 RMGC- 3x61T	4x40T			85##	
<b>MUMBAI</b>	1	42,000	2x35.5 T	3x35.5 T (RTG)	2x42T(**) 2x45T(**)		47	27	-
<b>KANDLA</b>	2	50000		Wharf Cranes-1	2		9	3	1

\*: In addition, 4 no. Reach Stackers of 45 T capacity each have been hired by Port. # In addition, 2 Mobile Harbour Cranes and 1Hydra Crane

##: Tractor- trailers combined

\*\* Reach Stackers

Source: Indian Ports Association

Table 1.10

## Berthing Facilities Available at Non-Major Ports

(As on 31.3.2013)

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
<b>GUJARAT</b>								
<b>Dahej</b>								
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
<b>Hazira</b>								
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	Minor	20.00	Fixed Berth	-	2	-	-	2
<b>Pipavav</b>								
Pipavav Port Ltd.		16.00	1 LPG 1 Container 3 Multipurpose	-	-	-	5	5
Ultratech Cement Ltd	Minor	20.00	Captive Berth	-	-	-	1	1
<b>Mundre</b>								
Adani Ports and Special Economic zone Ltd.	Minor	30.00	Pile Berths	-	-	-	17	17
<b>Sikka</b>								
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
<b>Jakhu</b>								
Sanghi Industries Ltd	Minor	15.00	Pile Berth	-	-	3	-	3
<b>Muldwarka</b>								
Ambuja Cement Ltd	Minor	23.00	Pile & Breakwater jetty	-	-	2	2	4

Table 1.10

## Berthing Facilities Available at Non-Major Ports

(As on 31.3.2013)

Name of the Port	Intermediate/ Minor	Max.Depth available at anchorage	Berth Type	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
GUJARAT(Contd...)								
Okha	Intermediate	12.80	Savaii 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 RCC piles with slab with docking	-	1	-	-	1
			2) Akwada Wharf RCC wall	-	1	-	-	1
			3) North Quay RCC with Well foundation	-	1	-	-	1
Jafarabad	Intermediate	14.00	Clinkers jettv	-	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
Navalakhi	Intermediate	2.00	Jetty/wharf	2	2	-	-	4
Maadalla	Minor	15.00	RCC Jettv	-	11	-	-	11
			Wharf	-	2	-	-	2
Valsad	Minor	No Anchorage fixed	RCC Jettv	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 figure berth	-	-	-	4	4
			Barge Berth	-	-	-	1	1
Veraval	Intermediate Fair Weather port	13-14	Direct berth for small coaster with	-	1	-	-	1

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

**Berthing Facilities Available at Non-Major Ports**

(As on 31.3.2013)

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
<b>MAHARASHTRA</b>								
Dahanu	Minor	Upto 12	Cargo jetty	1	-	-	-	1
Bassesin	Minor	4.00	Sloping jetty	-	2	-	-	2
Kalyan	Minor	-	Sloping jetty	-	3	-	-	3
Bhiwandi	Minor	4.00	Sloping jetty	-	3	-	-	3
Thane	Minor	-	Sloping jetty	1	-	-	-	1
Ulwa Belapur	Minor	4.00	Captive Jetty	-	4	-	-	4
Mora	Minor	2.00	Passenger Jetty	-	3	-	-	3
Karanja	Minor	2.00	Sloping jetty	2	-	-	-	2
Rewas	Minor	1.00	L Type Passenger Jetty	-	3	-	-	3
Mandwa	Minor	7.00	L Type Passenger Jetty	-	3	-	-	3
Dharamtar	Minor	3.00	T/ V Slopping Type	-	3	-	-	3
Trombay	Minor	2.00	Jetty cum Wharf	-	-	6	-	6
Elephanta	Minor	3.00	L Type Passenger Jetty	-	-	5	-	5
Revdanda	Minor	14-24	Cargo jetty	-	-	6	-	6
Murud	Minor	3.00	Passenger Jetty	2	-	-	-	2
Rajpuri	Minor	2.00	Passenger Jetty	-	2	-	-	2
Dighi	Minor	10-14	Cargo / Passenger	-	3	-	8	11
Shirwardhan	Minor	3.00	Passenger Jetty	2	-	-	-	2
Ratnagiri	Minor	15-18	T&I Type jetty	-	-	1	-	1
Jaigad	Minor	14.00	T Type Jetty	-	-	1	2	3
Borya	Minor	-	I Type Jetty	1	-	-	-	1
Palshet	Minor	-	L Type Jetty	1	-	-	-	1
Dabhol	Minor	15.00	T Type Jetty	-	-	1	-	1
Harnai	Minor	-	L Type Jetty	1	-	-	-	1
Kelsi	Minor	15.00	T Type Jetty	1	-	-	-	1
Bankot	Minor	3.00	T Type Jetty	1	-	1	-	2
Purnagad	Minor	-	-	1	-	-	-	1
Jaitapur	Minor	5.00	Steed Jetty	2	-	-	-	2
Vijaydurg	Minor	8.00	T Type Jetty	-	-	-	1	1
Deogad	Minor	4-5	-	-	1	-	-	1
Achara	Minor	4.00	-	3	1	-	-	4
Malwan	Minor	-	-	1	-	-	-	1
Niwati	Minor	-	-	2	1	-	-	3
Vengurla	Minor	5-6	-	1	-	-	-	1
Redi	Minor	10-12	-	-	2	-	-	2
Kiranpani	Minor	-	-	-	1	-	-	1

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

**Berthing Facilities Available at Non-Major Ports**

(As on 31.3.2013)

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
<b>KARNATAKA</b>								
Karwar	Intermediate	15.00	Along side berthing tanker and General cargo	-	1	-	1	2
Honavar	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	-	1	-	-	1
Belekeri	Minor	13.00	Loading Chute	-	1	-	-	1
Malpe	Minor	7.00	RCC piled jetty	-	1	-	-	1
Hangarkatta	Minor	6.00	RCC piled jetty	-	1	-	-	1
Padubidri	Minor	12.00	RCC piled jetty	-	-	-	-	-
Mangalore	Intermediate	12.00	RCC piled jetty	-	1	-	-	1
<b>KERALA</b>								
1. Koavalam/ Vizhinjam	Minor	12.00	Dry Break Bulk	-	-	1	1	2
2. Neendakara	Intermediate	13.00	Concrete wharf	1	-	-	-	1
3. Thalassery	Minor	12.00	-	-	-	-	-	-
3. Azhikkal	Minor	3.00	RCC Wharf	-	2	-	-	2
4. Kozhikode/Beypore	Intermediate	3.50	Cargo berth	-	1	-	-	1
5. Ponnani	Minor	10.00	Laterite stone	1	-	-	-	1
6. Alappuzha	Intermediate	12.00	-	-	-	-	-	-
7.Kannur	Minor	5.00	-	-	-	1	-	1
8.Kollam	Minor	10'-15	Cargo berth	-	-	-	1	1
9.Valtyathura	Minor	5'-10	Open sea	1	-	-	-	1
10.Munambam	Minor	6.00	-	-	-	-	-	-
<b>ODISHA</b>								
1. Dhamra	Minor	20.00	Dry Bulk	-	-	-	2	2
2. Gopalpur	Minor	No Limt	Multi Purpose Berth	-	4	-	1	5

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

**Berthing Facilities Available at Non-Major Ports**

(As on 31.3.2013)

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
<b>ANDHRA PRADESH</b>								
<b>Kakinada</b>								
(a) Anchorage	Intermediate	-	-	-	-	-	-	-
(b) Deep water	Intermediate	15.00	Diaphragm wall, 610 Mts	-	-	-	3	3
			Piled jetty, 900 Mts	-	-	-	3	3
			Piled jetty, 635 Mts	-	-	-	3	3
			Piled jetty, 200 Mts	-	-	-	1	1
			Piled jetty, 460 Mts	-	-	-	6	6
			Piled jetty, 40 Mts	-	-	-	1	1
Rawa	Minor	30.00	S.B.M. Operation	-	-	-	1	1
Krishnapattinam	Minor	25.00	-	-	-	-	9	9
Gangavaram	Minor	50.00	Multipurpose	-	-	-	5	5
<b>TAMIL NADU</b>								
Cuddalore	Intermediate	14.00	Open roadstead Port	-	-	-	-	-
Cuddalore(Chemplast jetty)	Intermediate	10.50	Island type Marine Terminal	-	-	-	1	1
Nagapattinam	Anchorage	Berthig a wharf to a length of 250 meters is available	Open roadstead 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
Tirukkadaiyur	Minor	15.50	Singal Buoy Mooring	-	-	-	-	-
Kuddankulam	Minor	11.00	Lo Lo & Ro Ro jetty	-	2	-	-	2
<b>GOA</b>								
1. Panaji	Minor	18.00	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	-	-	-	-	-
<b>DIU</b>								
Diu	Minor	18.00	Solid Wharf	1	-	-	-	1
Daman	Minor	9.15	1. RCC jetty at Nani Daman	-	-	1	-	1
<b>PONDICHERY</b>								
Pondicherry	Minor	4.5 to 6.0	1) RCS pier	-	-	1	-	1
		3.00	2) Cargo quay	-	1	-	-	1
Karaikal MTF	Minor	8.50	Multi purpose	-	-	-	1	1
<b>Karaikal LTD</b>	Minor	14.00	Multi purpose	-	-	-	5	5

Source : State / UT Maritime Boards

Table 1.11

Equipment Available at Various Non-Major Ports (As on 31.3.2013)

(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
<b>GUJARAT</b>											
2011-12	10	1	1	3	1	6	1	4	11	-	-
2012-13	10	-	-	4	1	5	1	10	13	-	-
<b>MAHARASHTRA #</b>											
2011-12	-	-	-	-	-	-	-	-	-	-	-
2012-13	-	-	-	-	-	-	-	-	-	-	-
<b>GOA</b>											
<b>Panaji</b>											
2011-12	1	-	-	-	-	1	-	2	1	-	-
2012-13	1	1*	*	*	*	1	*	*	1	-	-
<b>ANDHRA PRADESH</b>											
<b>Kakinada Anchorage Port</b>											
2011-12	2	-	-	-	7	1	-	10	6	-	-
2012-13	2	-	-	-	5	-	-	1	2	-	-
<b>Kakinada Deep Water Port</b>											
2011-12	-	-	-	10	-	-	-	-	5	-	-
2012-13	-	-	-	10	-	-	-	-	5	-	-
<b>Krishnapatnam</b>											
2011-12	-	-	-	10	1	-	-	2	4	-	-
2012-13	-	3	-	35	1	-	-	-	4	-	-
<b>Gangavaram</b>											
2011-12	-	-	-	2	-	-	-	3	3	-	-
2012-13	-	-	-	2	-	-	-	3	3	-	-
<b>TAMIL NADU</b>											
<b>Nagapattinam</b>											
2011-12	1	-	-	-	-	-	-	1	-	-	-
2012-13	1	-	-	-	2	-	-	1	-	-	-
<b>Kanyakumari</b>											
2011-12	1	-	-	-	-	-	-	3	1	-	-
2012-13	1	-	-	-	-	-	-	3	1	-	-
<b>Kattupalli</b>											
2011-12	-	-	-	21	-	-	-	1	2	-	-
2012-13	-	-	-	21	-	-	-	1	2	-	-
<b>KERALA</b>											
<b>Neendakara</b>											
2011-12	1	-	-	-	-	4	-	-	1	-	-
2012-13	1	-	-	-	-	4	-	-	1	-	-
<b>Kozhikode/Beypor</b>											
2011-12	-	5	-	3	-	-	-	-	3	-	-
2012-13	-	6	-	3	-	-	-	-	3	-	1
<b>Kovalam-Vizhinjam</b>											
2011-12	-	1	-	-	-	-	-	-	-	-	-
2012-13	-	1	-	-	-	-	-	-	-	-	-

\* Out sourced by Private Companies at their end.

# Data Not received

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

**Equipment Available at Various Non-Major Ports (As on 31.3.2013)**

(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
<b>DIU</b>											
2011-12	-	-	-	2	-	-	-	2	-	-	-
2012-13	-	-	-	2	-	-	-	2	-	-	-
<b>PUDUCHERRY</b>											
2011-12	2	-	-	-	-	-	-	1	-	-	-
2012-13	4	-	-	7	-	-	-	3	2	-	-
<b>GOA</b>											
Panaji											
2011-12	1	-	-	-	-	1	-	2	1	-	-
2012-13	1	*	*	*	*	1	*	*	1	-	-
<b>ODISHA</b>											
Gopalpur											
2011-12	1	-	4	-	4	8	-	3	-	-	-
2012-13	1	-	2	1	2	4	1	3	2	-	-
Dhamra											
2011-12	-	-	-	-	-	-	-	-	-	-	-
2012-13	-	-	-	2	-	-	-	3	3	-	-
<b>ANDAMAN &amp; NICOBAR ISLAND</b>											
2011-12#	-	-	-	-	-	-	-	-	-	-	-
2012-13	-	-	12	16	4	-	2	3	2	-	-

: In Karnataka privatestevedores are have sufficient loading / unloading equipment like Cranes, Pay loaders, Fork Lifts, Excavators, Barges, ext.

No departmental Tug available.

\* In Goa sr no 3,4,5,6,8,and 9 out sourced by Private Companies at their end.

# Not available

Source : State / UT Maritime Boards

Table 1.12

**State-Wise Navigational Aids Maintained By Department  
of Light-Houses and Light-Ships (As on 31.3.2013)** (Number)

Maritime States/Uts	General Light house	Light buoy	VHF/HF RT set.	Racons	Light Vessel	Launc hes	Light House Tender	DGPS
1	2	3	4	5	6	7	8	9
Gujarat	49	21	-	19	1	-	1	4
Maharashtra	19	-	-	11	-	-	-	2
Goa, Daman & Diu	2	-	-	1	-	-	-	1
Karnataka	8	-	2	-	-	-	-	1
Kerala	15	-	2	5	-	-	1	1
Tamilnadu	20	-	11	9	-	-	-	4
Puducherry	1	-	1	1	-	-	-	1
Andhra Pradesh	16	-	5	5	-	-	-	3
Orissa	6	-	4	2	-	-	-	1
West Bengal	2	-	3	1	-	-	-	1
Andaman & Nicobar Islands	31	-	1	5	-	-	1	3
Lakshadweep	16	-	2	5	-	-	-	1
<b>Total</b>	<b>185</b>	<b>21</b>	<b>31</b>	<b>64</b>	<b>1</b>	<b>-</b>	<b>3</b>	<b>23</b>

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 -2012-13

(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
<b>Kandla</b>	58851	21037	208	80096	4343	9180	0	13523	63194	30217	208	93619
<b>Mumbai</b>	29101	5156	9383	43640	1836	4798	7764	14398	30937	9954	17147	58038
<b>J.L. Nehru</b>	32272	28240	513	61025	1170	2293	0	3463	33442	30533	513	64488
<b>Mormugao</b>	8447	8537	0	16984	623	131	0	754	9070	8668	0	17738
<b>New Mangalore</b>	23301	7519	0	30820	4021	2195	0	6216	27322	9714	0	37036
<b>Cochin</b>	10749	2377	102	13228	5205	1396	16	6617	15954	3773	118	19845
<b>Tuticorin</b>	13236	7466	37	20739	6581	940	0	7521	19817	8406	37	28260
<b>Chennai</b>	30467	18547	0	49014	3907	483	0	4390	34374	19030	0	53404
<b>Ennore</b>	7724	1739	0	9463	8422	0	0	8422	16146	1739	0	17885
<b>Visakha-patnam</b>	29392	11203	616	41211	5118	11797	912	17827	34510	23000	1528	59038
<b>Paradip</b>	36846	2097	3	38946	2267	15337	2	17606	39113	17434	5	56552
<b>Haldia Dock Complex</b>	18663	4264	0	22927	1883	3274	0	5157	20546	7538	0	28084
<b>Kolkata Dock System</b>	5293	4707	733	10733	606	505	0	1111	5899	5212	733	11844
<b>All Ports</b>	304342	122889	11595	438826	45982	52329	8694	107005	350324	175218	20289	545831

Source : Major Ports

**Table 2.1.2 Traffic Handled At Major Ports  
by Selected Commodities - 2012-13**

('000 Tonnes)

Port	POL and Crude Prdcts	Iron Ore	Fertiliser	FRM (Dry)	Food- grains	Coal*	Container Cargo		Others	Total
							000 Tonnes	000 TEUs		
1	2	3	4	5	6	7	8	9	10	11
Kandla	54544	925	3678	946	3783	4438	1935	118	23370	93619
Mumbai	34751	0	156	356	880	4100	829	58	16966	58038
J.L.Nehru	4126	0	0	0	0	0	57911	4259	2451	64488
Mormugao	823	7421	78	0	60	7374	258	20	1724	17738
New Mangalore	22538	2616	519	17	204	6911	692	48	3539	37036
Cochin	14027	0	22	331	0	28	4607	335	830	19845
Tuticorin	547	0	487	572	128	6689	9372	476	10465	28260
Chennai	13376	52	190	231	314	0	29708	1539	9533	53404
Ennore	521	0	0	0	0	14925	0	0	2439	17885
Visakhapatnam	13501	12569	2023	565	1121	9746	4554	247	14959	59038
Paradip	16467	1833	142	4004	0	26105	171	13	7830	56552
Haldia Dock Complex	4796	1715	109	277	0	6479	2869	137	11839	28084
Kolkata Dock System	708	158	65	29	107	9	6960	463	3808	11844
All Ports	180725	27289	7469	7328	6597	86804	119866	7714	109753	545831

\*: Thermal Coal & Coking Coal  
Source: Major Ports

Table 2.1.3

**Traffic Handled - Port-wise and Principal Commodity-wise -  
2010-11, 2011-12 & 2012-13**

('000 Tonnes) **Kolkata Dock System**

Commodity	2010-11						2011-12						2012-13					
	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	79	98	177	619	82	701	42	76	118	524	40	564	39	9	48	523	137	660
Fertiliser	31	0	31	0	0	0	14	0	14	0	0	0	65	0	65	0	0	0
FRM - Dry	31	0	31	0	0	0	55	0	55	0	0	0	29	0	29	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	11	0	11	0	0	0	0	0	0	0	0	0	17	90	107	0	0	0
Iron & Steel	88	18	106	6	0	6	67	21	88	0	0	0	57	17	74	1	15	16
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar	45	14	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veg. Oil	646	0	646	0	0	0	628	0	628	0	0	0	643	0	643	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	97	0	97	0	0	0	8	0	8	0	0	0	9	0	9	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron Ore/Pellets	0	827	827	0	0	0	0	450	450	0	0	0	0	158	158	0	0	0
Other Ore	162	0	162	0	0	0	30	0	30	0	0	0	68	0	68	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	54	0	54	80	0	80	59	0	59	63	0	63	113	0	113	34	0	34
Others	5258	4049	9307	51	194	245	5466	4414	9880	47	229	276	4825	4594	9419	48	353	401
<b>Total</b>	<b>6502</b>	<b>5006</b>	<b>11508</b>	<b>756</b>	<b>276</b>	<b>1032</b>	<b>6369</b>	<b>4961</b>	<b>11330</b>	<b>634</b>	<b>269</b>	<b>903</b>	<b>5865</b>	<b>4868</b>	<b>10733</b>	<b>606</b>	<b>505</b>	<b>1111</b>

Table 2.1.3 (Contd...)

## Traffic Handled - Port-wise and Principal Commodity-wise -

Haldia Dock Complex

Commodity	2010-11, 2011-12 & 2012-13																	
	2010-11						2011-12						2012-13					
	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	2675	0	2675	1733	0	1733	849	0	849	1311	0	1311	464	0	464	80	0	80
POL Products	2520	559	3079	2195	924	3119	897	690	1587	1598	1237	2835	718	564	1282	1676	1294	2970
Fertiliser	273	0	273	0	0	0	182	0	182	0	0	0	109	0	109	0	0	0
FRM - Dry	186	0	186	0	0	0	337	0	337	0	0	0	277	0	277	0	0	0
FRM - Liquid	403	0	403	8	0	8	431	0	431	0	0	0	368	0	368	0	0	0
Food Grains	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0
Iron & Steel	133	10	143	0	0	0	71	0	71	0	0	0	246	175	421	0	0	0
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar	282	30	312	0	0	0	20	0	20	0	0	0	361	0	361	0	0	0
Veg. Oil	1016	0	1016	0	0	0	1185	6	1191	0	0	0	1523	6	1529	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	6010	0	6010	0	0	0	4939	0	4939	0	0	0	4503	0	4503	0	0	0
Thermal Coal	0	0	0	0	2173	2173	0	0	0	0	2346	2346	0	0	0	0	1976	1976
Cement	48	0	48	0	0	0	0	0	0	0	0	0	158	0	158	0	0	0
Iron Ore/Pellets	0	5952	5952	0	0	0	0	3943	3943	0	0	0	0	1631	1631	84	0	84
Other Ore	665	0	665	0	0	0	1116	0	1116	0	0	0	1251	0	1251	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	3051	198	3249	89	3	92	2197	162	2359	16	0	16	2370	222	2592	43	4	47
Others	1970	1899	3869	0	0	0	5816	1663	7479	0	0	0	6315	1666	7981	0	0	0
Total	19232	8648	27880	4025	3100	7125	18040	6467	24507	2925	3583	6508	18663	4264	22927	1883	3274	5157

Table 2.1.3 (Contd...)

## Traffic Handled - Port-wise and Principal Commodity-wise -

2010-11, 2011-12 &amp; 2012-13

Commodity	('000 Tonnes)																		Paradip
	2010-11						2011-12						2012-13						
	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	69	0	69	12718	0	12718	577	0	577	14533	0	14533	101	0	101	
POL Products	3140	0	3140	1119	599	1718	316	0	316	1245	235	1480	60	0	60	1519	254	1773	
Fertiliser	55	0	136	0	0	0	236	0	236	0	0	0	142	0	142	0	0	0	
FRM - Dry	588	0	588	0	0	0	4547	0	4547	0	0	0	4004	0	4004	0	0	0	
FRM - Liquid	786	0	786	228	144	372	1423	0	1423	155	195	350	1249	0	1249	334	0	334	
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	148	0	148	223	3	226	13	0	13	142	6	148	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	623	623	0	3	3	0	0	0	0	3	3	0	0	0	0	0	0	
Veg. Oil	12	0	12	0	0	0	59	0	59	7	0	7	70	0	70	0	0	0	
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Coking Coal	1799	0	1799	0	115	115	5101	0	5101	0	58	58	4526	0	4526	54	122	176	
Thermal Coal	11930	0	11930	0	8830	8830	6347	0	6347	0	10057	10057	7780	0	7780	0	13623	13623	
Cement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Iron Ore/Pellets	2050	13795	15845	0	0	0	5	6551	6556	0	0	0	1	1609	1610	0	223	223	
Other Ore	0	488	488	0	0	0	140	473	613	0	12	12	78	318	396	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	2136	89	2144	0	130	130	2675	480	3155	206	194	400	4263	165	4428	260	1116	1376	
Total	22496	14995	37491	1564	9821	11385	33790	7507	41297	2203	10754	12957	36848	2098	38946	2268	15338	17606	

Table 2.1.3 (Contd...)

## Traffic Handled - Port-wise and Principal Commodity-wise -

2010-11, 2011-12 &amp; 2012-13

('000 Tonnes)

Visakhapatnam

Commodity	2010-11						2011-12						2012-13					
	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	8091	0	8091	2270	2220	4490	8399	0	8399	1844	1518	3362	7227	0	7227	854	191	1045
POL Products	1925	758	2683	2039	1939	3978	801	938	1739	2008	1920	3928	74	600	674	2825	1730	4555
Fertiliser	3268	0	3268	0	0	0	3719	0	3719	0	0	0	2023	0	2023	0	0	0
FRM - Dry	811	0	811	0	0	0	832	0	832	0	0	0	565	0	565	0	0	0
FRM - Liquid	458	0	458	128	0	128	579	0	579	94	0	94	328	0	328	59	0	59
Food Grains	119	51	170	0	33	33	126	353	479	0	38	38	0	1085	1085	0	36	36
Iron & Steel	24	510	347	0	3	3	63	580	643	0	20	20	34	723	757	7	0	7
Iron Scrap	0	0	0	0	0	0	32	0	32	0	0	0	42	0	42	0	0	0
Sugar	7	12	19	0	5	5	0	0	0	0	4	4	0	0	0	0	3	3
Veg. Oil	53	48	101	0	19	19	6	0	6	0	0	0	10	0	10	0	0	0
Salt	0	0	0	89	0	89	0	0	0	160	0	160	0	0	0	45	0	45
Coking Coal	7344	0	7344	0	582	582	6780	0	6780	0	94	94	6785	0	6785	0	10	10
Thermal Coal	0	0	0	0	3538	3538	0	0	0	0	3189	3189	0	0	0	0	2951	2951
Cement	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1
Iron Ore/Pellets	109	9954	10063	122	9162	9284	0	6324	6324	89	9830	9919	87	5109	5196	173	7200	7373
Other Ore	784	144	928	417	0	417	740	116	856	852	39	891	1038	113	1151	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	560	32	592	179	16	195	343	0	343	191	0	191
Others	7771	2750	10521	299	185	484	10483	3290	13773	345	427	772	11452	3573	15025	1112	439	1551
Total	30764	14227	44991	5364	17686	23050	33120	11633	44753	5571	17096	22667	30008	11203	41211	5266	12561	17827

Table 2.1.3 (Contd...)

**Traffic Handled - Port-wise and Principal Commodity-wise -  
2010-11, 2011-12 & 2012-13**

('000 Tonnes)

Ennore

Commodity	2010-11						2011-12						2012-13					
	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	325	0	325	184	0	184	322	0	322	180	0	180	294	0	294	227	0	227
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	103	0	103	0	0	0	465	0	465	0	0	0	685	0	685	0	0	0
Thermal Coal	1540	0	1540	7725	0	7725	4571	0	4571	8075	0	8075	6046	0	6046	8194	0	8194
Cement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron Ore/Pellets	0	401	401	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	80	0	80	0	0	0	96	0	96	0	0	0	95	0	95	0	0	0
Others	0	651	651	0	0	0	3	1244	1247	0	0	0	604	1739	2343	1	0	1
<b>Total</b>	<b>2048</b>	<b>1052</b>	<b>3100</b>	<b>7909</b>	<b>0</b>	<b>7909</b>	<b>5457</b>	<b>1244</b>	<b>6701</b>	<b>8255</b>	<b>0</b>	<b>8255</b>	<b>7724</b>	<b>1739</b>	<b>9463</b>	<b>8422</b>	<b>0</b>	<b>8422</b>

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

Table 2.1.3 (Contd...)

## Traffic Handled - Port-wise and Principal Commodity-wise -

Commodity	2010-11, 2011-12 & 2012-13																		Chennai
	('000 Tonnes)																		
	2010-11						2011-12						2012-13						
	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	8967	0	8967	1064	0	1064	8337	0	8337	1478	0	1478	8072	0	8072	1150	0	1150	
POL Products	620	1168	1788	1374	798	2172	395	917	1312	1607	556	2163	232	984	1216	2544	394	2938	
Fertiliser	434	0	434	0	0	0	394	0	394	0	0	0	175	0	175	15	0	15	
FRM - Dry	337	0	337	0	0	0	249	0	249	0	0	0	231	0	231	0	0	0	
FRM - Liquid	8	0	8	0	0	0	37	0	37	0	0	0	31	0	31	0	0	0	
Food Grains	9	77	86	0	0	0	0	190	190	0	0	0	0	314	314	0	0	0	
Iron & Steel	825	13	838	42	0	42	963	0	963	43	1	44	858	230	1088	27	0	27	
Iron Scrap	187	116	303	0	0	0	178	162	340	0	0	0	410	159	569	0	0	0	
Sugar	272	61	333	0	0	0	0	112	112	0	0	0	33	140	173	0	0	0	
Veg. Oil	1069	0	1069	0	8	8	1122	0	1122	0	3	3	1051	0	1051	12	0	12	
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Coking Coal	606	0	606	0	0	0	351	0	351	0	0	0	0	0	0	0	0	0	
Thermal Coal	0	0	0	1417	0	1417	0	0	0	610	0	610	0	0	0	0	0	0	
Cement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	
Iron Ore/Pellets	0	2114	2114	0	0	0	46	51	97	0	0	0	52	0	52	0	0	0	
Other Ore	2	582	584	0	0	0	0	563	563	0	0	0	0	882	882	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	60	0	60	121	0	121	7	0	7	164	0	164	10	0	10	85	0	85	
Others	22891	16047	38938	20	151	171	20788	16286	37074	46	51	97	19312	15838	35150	74	85	159	
Total	36287	20178	56465	4038	957	4995	32867	18281	51148	3948	611	4559	30467	18547	49014	3907	483	4390	

Table 2.1.3 (Contd...)

## Traffic Handled - Port-wise and Principal Commodity-wise -

2010-11, 2011-12 &amp; 2012-13

('000 Tonnes)

Tuticorin

Commodity	2010-11						2011-12						2012-13					
	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
POL Products	262	0	262	479	0	479	52	0	52	578	0	578	42	0	42	505	0	505
Fertiliser	1159	12	1171	0	0	0	1111	23	1134	0	0	0	487	0	487	0	0	0
FRM - Dry	730	0	730	0	0	0	891	0	891	0	0	0	564	8	572	0	0	0
FRM - Liquid	81	40	121	0	167	167	123	26	149	0	94	94	87	89	176	0	38	38
Food Grains	42	38	80	0	0	0	0	297	297	0	10	10	0	128	128	0	0	0
Iron & Steel	0	4	4	182	0	182	0	6	6	274	0	274	0	4	4	199	0	199
Iron Scrap	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Sugar	206	136	342	0	0	0	0	176	176	0	0	0	0	47	47	0	0	0
Veg. Oil	241	0	241	0	0	0	245	4	249	0	0	0	250	0	250	0	0	0
Salt	0	271	271	0	0	0	28	110	138	0	0	0	0	108	108	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	1061	0	1061	4288	0	4288	1380	0	1380	4670	0	4670	1263	0	1263	5426	0	5426
Cement	0	33	33	0	0	0	0	35	35	0	0	0	0	36	36	0	1	1
Iron Ore/Pellets	0	64	64	0	0	0	0	33	33	0	0	0	0	0	0	0	0	0
Other Ore	1322	371	1693	0	0	0	1167	260	1427	0	0	0	1302	300	1602	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	332	419	0	0	0	86	54	140	0	292	292	78	225	303	0	348	348
Others	7514	5284	12798	739	581	1320	8320	6924	15244	635	200	835	9200	6521	15721	451	553	1004
Total	12706	6585	19291	5688	748	6436	13404	7948	21352	6157	596	6753	13273	7466	20739	6581	940	7521

Table 2.1.3 (Contd...)

## Traffic Handled - Port-wise and Principal Commodity-wise -

Commodity	2010-11, 2011-12 & 2012-13																		Cochin
	('000 Tonnes)																		
	2010-11						2011-12						2012-13						
	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	6708	0	6708	2053	102	2155	7570	0	7570	2230	227	2457	7995	0	7995	2068	123	2191	
POL Products	509	986	1495	1031	732	1763	465	1122	1587	1363	1107	2470	207	1007	1214	1502	1125	2627	
Fertiliser	76	0	76	0	0	0	115	0	115	0	0	0	22	0	22	0	0	0	
FRM - Dry	353	0	353	0	0	0	315	0	315	0	0	0	331	0	331	0	0	0	
FRM - Liquid	171	0	171	20	0	20	123	0	123	9	0	9	163	0	163	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0	13	
Iron Scrap	181	0	181	0	0	0	27	0	27	0	0	0	29	0	29	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	4	0	4	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	40	0	40	0	0	0	34	0	34	0	0	0	28	0	28	0	0	0	
Cement	0	0	0	259	0	259	0	0	0	350	0	350	0	0	0	311	0	311	
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	12	196	208	0	0	0	0	115	115	0	0	0	8	175	183	0	0	0	
Chemicals	23	3	26	0	0	0	22	16	38	0	0	0	97	21	118	0	0	0	
Others	2153	1739	3892	371	155	526	1892	1484	3376	1260	244	1504	1915	1226	3141	1310	156	1466	
Total	10226	2924	13150	3734	989	4723	10563	2737	13300	5212	1578	6790	10799	2429	13228	5213	1404	6617	

Table 2.1.3 (Contd...)

## Traffic Handled - Port-wise and Principal Commodity-wise -

2010-11, 2011-12 &amp; 2012-13

('000 Tonnes)

New Mangalore

Commodity	2010-11						2011-12						2012-13					
	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	10462	0	10462	1931	0	1931	11467	0	11467	1614	0	1614	12332	0	12332	1886	0	1886
POL Products	1835	4845	6680	580	1898	2478	2285	5453	7738	236	1190	1426	198	6732	6930	296	1094	1390
Fertiliser	784	0	784	0	0	0	804	0	804	0	0	0	519	0	519	0	0	0
FRM - Dry	4	0	4	0	0	0	21	0	21	0	0	0	17	0	17	0	0	0
FRM - Liquid	225	0	225	8	0	8	186	0	186	4	0	4	150	0	150	14	0	14
Food Grains	0	116	116	0	0	0	0	58	58	0	0	0	0	204	204	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	564	8	572	0	9	9	635	13	648	0	11	11	620	23	643	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Coking Coal	2746	26	2772	84	0	84	4005	0	4005	17	0	17	4358	0	4358	0	0	0
Thermal Coal	0	0	0	0	0	0	0	0	0	0	0	0	2553	0	2553	0	0	0
Cement	0	0	0	243	0	243	0	0	0	254	0	254	0	0	0	262	0	262
Iron Ore/Pellets	0	1889	1889	629	1226	1855	0	649	649	1170	1217	2387	0	26	26	1496	1094	2590
Other Ore	85	0	85	0	0	0	188	0	188	0	0	0	153	0	153	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	55	62	117	9	0	9	55	152	207	1	0	1	60	140	200	0	0	0
Others	755	359	1114	67	46	113	630	426	1056	112	88	200	2341	394	2735	66	7	73
Total	17515	7305	24820	3551	3179	6730	20276	6751	27027	3408	2506	5914	23301	7519	30820	4021	2195	6216

Table 2.1.3 (Contd...)

## Traffic Handled - Port-wise and Principal Commodity-wise -

Mormugao

Commodity	2010-11, 2011-12 & 2012-13																	
	('000 Tonnes)																	
	2010-11						2011-12						2012-13					
	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	286	0	286	653	0	653	227	0	227	696	0	696	222	0	222	601	0	601
Fertiliser	232	0	232	0	0	0	93	0	93	0	0	0	78	0	78	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	386	0	386	8	0	8	316	0	316	18	0	18	158	0	158	0	0	0
Foodgrain	0	0	0	0	0	0	0	0	0	0	0	0	0	60	60	0	0	0
Iron & Steel	0	20	20	0	46	46	0	105	105	3	14	17	0	0	0	0	13	13
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar	50	0	50	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	4923	0	4923	10	0	10	5639	0	5639	30	0	30	6606	0	6606	0	0	0
Thermal Coal	1633	0	1633	0	0	0	1163	0	1163	0	0	0	768	0	768	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	55	40083	40138	221	266	487	99	28932	29031	62	277	339	0	7415	7415	0	6	6
Other Ore	0	25	25	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	728	419	1147	15	1		775	565	1340	11	24	35	615	1062	1677	22	112	134
Total	8293	40547	48840	907	313	1220	8312	29602	37914	820	315	1135	8447	8537	16984	623	131	754

Table 2.1.3  
(Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise -

2010-11, 2011-12 & 2012-13

('000 Tonnes)

J. L. Nehru

Commodity	2010-11						2011-12						2012-13					
	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	299	663	962	1113	2968	4081	306	667	973	660	3212	3872	655	848	1503	464	2159	2623
Fertiliser	627	0	627	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0
FRM - Dry	8	0	8	862	0	862	0	0	0	0	0	0	0	0	0	0	0	0
FRM - Liquid	59	0	59	0	0	0	80	0	80	0	0	0	0	0	0	0	0	0
Food Grains	0	0	0	0	0	0	19	0	19	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	843	0	843	0	0	0	995	0	995	0	8	8	947	0	947	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	9	0	9	0	0	0	9	0	9	685	0	685	0	0	0	594	0	594
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	635	46	681	15	0	15	525	26	551	7	0	7	727	21	748	0	0	0
Others	28600	26815	55415	344	411	755	29713	28352	58065	219	243	462	30193	27634	57827	112	134	246
Total	31080	27524	58604	2334	3379	5713	31647	29049	60696	1571	3463	5034	32522	28503	61025	1170	2293	3463

Table 2.1.3 (Contd...)

**Traffic Handled - Port-wise and Principal Commodity-wise -  
2010-11, 2011-12 & 2012-13**

('000 Tonnes)

Mumbai

Commodity	2010-11						2011-12						2012-13					
	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	12380	0	12380	6455	2977	9432	14492	0	14492	6073	2731	8804	15479	0	15479	5149	4552	9701
POL Products	3017	2893	5910	4796	472	5268	1390	1160	2550	4479	286	4765	1798	3472	5270	4055	246	4301
Fertiliser	155	0	155	0	0	0	230	0	230	0	0	0	156	0	156	0	0	0
FRM - Dry	300	0	300	0	0	0	174	0	174	0	0	0	356	0	356	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	743	0	743	2	0	2	849	45	894	0	0	0	880	0	880	0	0	0
Iron & Steel	4042	364	4406	240	0	240	3359	572	3931	424	0	424	2830	741	3571	111	0	111
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar	12	12	24	0	0	0	0	162	162	0	0	0	0	162	162	0	0	0
Veg. Oil	191	0	191	0	0	0	192	7	199	0	0	0	239	15	254	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	6368	0	6368	0	0	0	4622	0	4622	0	0	0	4100	0	4100	0	0	0
Cement	27	0	27	132	0	132	0	0	0	170	0	170	0	0	0	248	0	248
Iron Ore/Pellets	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Ore	137	0	137	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	51	7	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	7302	1334	8627	186	0	186	11228	3447	14675	94	0	94	12386	1026	13412	37	0	37
<b>Total</b>	<b>34716</b>	<b>4610</b>	<b>39326</b>	<b>11811</b>	<b>3449</b>	<b>15260</b>	<b>36536</b>	<b>5393</b>	<b>41929</b>	<b>11240</b>	<b>3017</b>	<b>14257</b>	<b>38224</b>	<b>5416</b>	<b>43640</b>	<b>9600</b>	<b>4798</b>	<b>14398</b>

Note:- Coastal cargo unloaded includes transshipment of POL crude(9232 Th. Tonnes) and products(3502 Th. Tonnes) moved through pipeline and containers(658 Th. Tonnes) by road.

**Table 2.1.3  
(Contd...)**

**Traffic Handled - Port-wise and Principal Commodity-wise -**

Commodity	2010-11, 2011-12 & 2012-13																		Kandla
	2010-11						2011-12						2012-13						
	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	34246	0	34246	2164	0	2164	33605	0	33605	2157	0	2157	36443	0	36443	3226	0	3226	
POL Products	1020	6145	7165	864	3987	4851	881	5636	6517	759	3900	4659	323	6098	6421	880	7574	8454	
Fertiliser	5807	0	5807	0	0	0	5297	0	5297	0	0	0	3678	0	3678	0	0	0	
FRM - Dry	583	0	583	0	0	0	761	0	761	0	0	0	946	0	946	0	0	0	
FRM - Liquid	1443	0	1443	136	0	136	1521	0	1521	157	0	157	1596	0	1596	0	0	0	
Food Grains	5	669	674	0	0	0	0	1291	1291	0	0	0	1	3782	3783	0	0	0	
Iron & Steel	1381	5	1386	52	40	92	840	28	868	26	136	162	1031	27	1058	115	63	178	
Iron Scrap	126	0	126	0	0	0	4	0	4	0	0	0	80	0	80	0	0	0	
Sugar	300	388	688	0	0	0	99	352	451	0	0	0	722	761	1483	0	0	0	
Veg. Oil	616	13	629	0	0	0	0	0	0	0	0	0	577	166	743	0	0	0	
Salt	0	0	0	0	152	152	0	0	0	0	0	0	0	4429	4429	0	66	66	
Coking Coal	410	0	410	0	0	0	156	0	156	5	0	5	374	0	374	0	0	0	
Thermal Coal	3082	0	3082	0	0	0	4049	0	4049	15	0	15	4064	0	4064	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	411	192	603	214	0	214	595	0	595	396	0	396	925	0	925	0	0	0	
Other Ore	10	258	268	0	6	6	38	232	270	0	271	271	50	310	360	0	583	583	
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Chemicals	3900	298	4198	5	356	361	4288	250	4538	0	36	36	4938	218	5156	0	0	0	
Others	3945	7290	11235	521	840	1361	4240	8198	12438	523	1759	2282	3311	5246	8557	122	894	1016	
<b>Total</b>	<b>57285</b>	<b>15258</b>	<b>72543</b>	<b>3956</b>	<b>5381</b>	<b>9337</b>	<b>56374</b>	<b>15987</b>	<b>72361</b>	<b>4038</b>	<b>6102</b>	<b>10140</b>	<b>59059</b>	<b>21037</b>	<b>80096</b>	<b>4343</b>	<b>9180</b>	<b>13523</b>	

Table 2.1.3  
(Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise -

Commodity	2010-11, 2011-12 & 2012-13																		All Ports
	('000 Tonnes)																		
	2010-11						2011-12						2012-13						
	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	83529	0	83529	17739	5299	23038	97437	0	97437	17284	4476	21760	102545	0	102545	14514	4866	19380	
POL Products	15837	18115	33952	17046	14399	31445	8379	16659	25038	15933	13683	29616	4862	20314	25176	17617	16007	33624	
Fertiliser	12901	12	12994	0	0	0	12195	27	12222	0	0	0	7454	0	7454	15	0	15	
FRM - Dry	3931	0	3931	862	0	862	8182	0	8182	0	0	0	7320	8	7328	0	0	0	
FRM - Liquid	4020	40	4060	536	311	847	4819	26	4845	437	289	726	4130	89	4219	416	38	454	
Food Grains	929	951	1880	2	33	35	994	2237	3231	0	48	48	898	5663	6561	0	36	36	
Iron & Steel	6493	944	7250	670	89	759	5586	1315	6901	783	171	954	5198	1923	7121	473	91	564	
Iron Scrap	495	116	611	0	0	0	242	162	404	0	0	0	561	159	720	0	0	0	
Sugar	1174	1276	2450	0	8	8	119	802	921	0	7	7	1116	1110	2226	0	3	3	
Veg. Oil	5251	69	5320	0	36	36	5067	30	5097	7	22	29	5934	210	6144	12	0	12	
Salt	0	271	271	89	152	241	28	110	138	160	0	160	0	4537	4537	46	66	112	
Coking Coal	24038	26	24064	94	697	791	27444	0	27444	52	152	204	27846	0	27846	54	132	186	
Thermal Coal	25654	0	25654	13430	14541	27971	22166	0	22166	13370	15592	28962	26602	0	26602	13620	18550	32170	
Cement	84	33	117	634	0	634	9	35	44	1459	1	1460	158	36	194	1415	6	1421	
Iron Ore/Pellets	2625	75271	77896	1186	10654	11840	745	46933	47678	1717	11324	13041	1065	15948	17013	1753	8523	10276	
Other Ore	3167	1868	5035	417	6	423	3419	1644	5063	852	322	1174	3940	1923	5863	0	583	583	
Tea and Coffee	12	196	208	0	0	0	0	115	115	0	0	0	8	175	183	0	0	0	
Chemicals	7996	946	8942	319	359	678	7895	692	8587	430	344	774	8831	847	9678	353	352	705	
Others	91023	68725	159658	2613	2694	5291	102029	76773	178802	3498	3459	6957	106732	70684	177416	3615	3849	7464	
<b>Total</b>	<b>289150</b>	<b>168859</b>	<b>458009</b>	<b>55637</b>	<b>49278</b>	<b>104915</b>	<b>306755</b>	<b>147560</b>	<b>454315</b>	<b>55982</b>	<b>49890</b>	<b>105872</b>	<b>315200</b>	<b>123626</b>	<b>438826</b>	<b>53903</b>	<b>53102</b>	<b>107005</b>	

Source: Major Ports.

Table 2.1.4

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

Port	2010-11 (%)			2011-12 (%)			2012-13 (%)		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
<b>MAJOR PORTS</b>	<b>11.7</b>	<b>10.5</b>	<b>11.3</b>	<b>15.3</b>	<b>12.7</b>	<b>14.5</b>	<b>12.5</b>	<b>3.0</b>	<b>9.8</b>
Kandla	10.6	3.4	9.1	17.0	4.7	14.3	13.2	4.5	10.9
Mumbai	20.7	3.6	18.7	23.1	2.4	20.4	26.8	2.3	23.8
J.N.P.T.	1.0	1.0	1.0	1.0	1.2	1.1	1.1	0.9	1.0
Mormugao	22.1	31.1	29.6	41.9	47.4	46.2	1.6	3.8	2.7
N.Mangalore	23.5	6.9	18.6	40.8	1.9	31.1	29.6	6.8	24.1
Cochin	6.5	1.4	5.4	13.0	24.3	15.3	10.5	13.2	11.0
Tuticorin	0.0	0.0	0.0	0.3	0.1	0.2	0.0	0.0	0.0
Chennai	8.7	2.2	6.4	12.8	1.7	8.8	10.1	1.8	7.0
Vizag	20.3	5.5	15.7	21.7	4.8	17.3	15.6	3.2	12.2
Paradip	4.1	4.7	4.3	4.5	2.4	4.1	7.6	9.4	7.7
Haldia Dock Complex	17.7	3.3	13.2	11.2	3.8	9.2	8.2	3.0	7.2
Kolkata Dock System	6.4	26.5	15.2	6.6	26.7	15.4	4.3	3.6	4.0
Ennore	3.4	3.8	3.5	3.6	0.0	3.0	6.1	0.0	5.0
<b>NON-MAJOR PORTS</b>	<b>1.8</b>	<b>2.9</b>	<b>2.2</b>	<b>4.8</b>	<b>3.1</b>	<b>5.4</b>	<b>9.6</b>	<b>4.0</b>	<b>8.2</b>
<b>All Ports</b>	<b>8.0</b>	<b>7.8</b>	<b>8.0</b>	<b>11.3</b>	<b>8.7</b>	<b>10.9</b>	<b>11.2</b>	<b>3.4</b>	<b>9.1</b>

Table 2.1.5

**Container Traffic Handled at Major Ports - Type-Wise -  
2010-11,2011-12 & 2012-13**

(Nos.)

Type	KANDLA			MUMBAI			JAWAHARLAL NEHRU**		
	2010-11	2011-12	2012-13	2010-11	2011-12	2012-13	2010-11	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10
<b>IMPORT</b>	<b>86883</b>	<b>92159</b>	<b>62230</b>	<b>53914</b>	<b>45152</b>	<b>42309</b>	<b>2154196</b>	<b>2165442</b>	<b>2154809</b>
20'	58531	66891	40942	22934	18860	19161	921544	953678	973181
40'	14176	12634	10644	15490	13146	11574	616326	605882	590814
Stuffed	52996	48561	41702	46400	39702	35247	1961063	1898436	1878679
20'	26384	26077	23200	18394	14888	15267	880433	877324	913791
40'	13306	11242	9251	14003	12407	9990	540315	510556	482444
Empty	33887	43598	20528	7514	5450	7062	193133	267006	276130
20'	32147	40814	17742	4540	3972	3894	41111	76354	59390
40'	870	1392	1393	1487	739	1584	76011	95326	108370
<b>EXPORT</b>	<b>73150</b>	<b>75540</b>	<b>55737</b>	<b>4142</b>	<b>2529</b>	<b>6462</b>	<b>2062762</b>	<b>2077790</b>	<b>2066608</b>
20'	52214	59950	40113	2352	1153	5008	905536	885288	884844
40'	10468	7795	7812	895	688	727	578613	596251	590882
Stuffed	66606	71537	51666	3329	2257	1682	1738020	1848801	1823615
20'	51352	59509	39666	1609	979	598	786416	823111	777833
40'	7627	6014	6000	860	639	542	475802	512845	522891
Empty	6544	4003	4071	813	272	4780	324742	228989	242993
20'	862	441	447	743	174	4410	119120	62177	107011
40'	2841	1781	1812	35	49	185	102811	83406	67991
<b>TRANSHIP-MENT</b>	<b>180</b>	<b>72</b>	<b>0</b>	<b>14416</b>	<b>8595</b>	<b>8899</b>	<b>115403</b>	<b>73252</b>	<b>37897</b>
20'	168	56	0	9566	4965	5541	42297	25386	15515
40'	6	8	0	2425	1815	1679	36553	23933	11191
Stuffed	180	72	0	14416	8595	8899	99934	64152	33405
20'	168	56	0	9566	4965	5541	36942	24192	13045
40'	6	8	0	2425	1815	1679	31496	19980	10180
Empty	0	0	0	0	0	0	15469	9100	4492
20'	-	-	-	-	-	-	5355	1194	2470
40'	-	-	-	-	-	-	5057	3953	1011
<b>TOTAL</b>	<b>160213</b>	<b>167771</b>	<b>117967</b>	<b>72472</b>	<b>56276</b>	<b>57670</b>	<b>4332361</b>	<b>4316484</b>	<b>4259314</b>
20'	110913	126897	81055	34852	24978	29710	1869377	1864352	1873540
40'	24650	20437	18456	18810	15649	13980	1231492	1226066	1192887
Stuffed	119782	120170	93368	64145	50554	45828	3799017	3811389	3735699
20'	77904	85642	62866	29569	20832	21406	1703791	1724627	1704669
40'	20939	17264	15251	17288	14861	12211	1047613	1043381	1015515
Empty	40431	47601	24599	8327	5722	11842	533344	505095	523615
20'	33009	41255	18189	5283	4146	8304	165586	139725	168871
40'	3711	3173	3205	1522	788	1769	183879	182685	177372

Note: Total of Import, Export and Transhipment-Stuffed and Empty are given in Twenty Equivalent Units (TEUs).

\*\* includes reefers

**Table 2.1.5**  
(Contd...)

**Container Traffic Handled at Major Ports - Type-Wise -**  
**2010-11,2011-12 & 2012-13**

(Nos.)

Type	MORMUGAO**			NEW MANGALORE**			COCHIN**		
	2010-11	2011-12	2012-13	2010-11	2011-12	2012-13	2010-11	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10
<b>IMPORT</b>	<b>9453</b>	<b>11213</b>	<b>10576</b>	<b>20157</b>	<b>22543</b>	<b>24141</b>	<b>145860</b>	<b>155307</b>	<b>164957</b>
20'	4281	5829	5236	14367	14795	16323	84228	90825	94067
40'	2586	2692	2670	2895	3874	3909	30816	32241	35445
Stuffed	6411	8142	7096	10276	13592	15838	126805	134116	141187
20'	4255	5768	5146	7714	9546	11334	81789	87438	92679
40'	1078	1187	975	1281	2023	2252	22508	23339	24254
Empty	3042	3071	3480	9881	8951	8303	19055	21191	23770
20'	26	61	90	6653	5249	4989	2439	3387	1388
40'	1508	1505	1695	1614	1851	1657	8308	8902	11191
<b>EXPORT</b>	<b>8149</b>	<b>10794</b>	<b>9855</b>	<b>20001</b>	<b>22466</b>	<b>24268</b>	<b>141272</b>	<b>162635</b>	<b>162557</b>
20'	3611	5542	4887	14457	15314	16460	82688	92053	91327
40'	2269	2626	2484	2772	3576	3904	29292	35291	35615
Stuffed	5447	6059	6048	15557	15944	16983	92706	107579	105974
20'	1895	1933	2204	11433	11328	12757	37572	43643	40178
40'	1776	2063	1922	2062	2308	2113	27567	31968	32898
Empty	2702	4735	3807	4444	6522	7285	48566	55056	56583
20'	1716	3609	2683	3024	3986	3703	45116	48410	51149
40'	493	563	562	710	1268	1791	1725	3323	2717
<b>TRANSHIP-MENT</b>	-	-	-	-	-	-	<b>22576</b>	<b>18897</b>	<b>7411</b>
20'	-	-	-	-	-	-	19350	15595	6573
40'	-	-	-	-	-	-	1613	1651	419
Stuffed	-	-	-	-	-	-	21828	18757	5997
20'	-	-	-	-	-	-	19350	15595	5159
40'	-	-	-	-	-	-	1239	1581	419
Empty	-	-	-	-	-	-	748	140	1414
20'	-	-	-	-	-	-	0	0	1414
40'	-	-	-	-	-	-	374	70	0
<b>TOTAL</b>	<b>17602</b>	<b>22007</b>	<b>20431</b>	<b>40158</b>	<b>45009</b>	<b>48409</b>	<b>309708</b>	<b>336839</b>	<b>334925</b>
20'	7892	11371	10123	28824	30109	32783	186266	198473	191967
40'	4855	5318	5154	5667	7450	7813	61721	69183	71479
Stuffed	11858	14201	13144	25833	29536	32821	241339	260452	253158
20'	6150	7701	7350	19147	20874	24091	138711	146676	138016
40'	2854	3250	2897	3343	4331	4365	51314	56888	57571
Empty	5744	7806	7287	14325	15473	15588	68369	76387	81767
20'	1742	3670	2773	9677	9235	8692	47555	51797	53951
40'	2001	2068	2257	2324	3119	3448	10407	12295	13908

\*\* includes reefers

**Table 2.1.5  
(Contd...)**

**Container Traffic Handled at Major Ports - Type-Wise -  
2010-11, 2011-12 & 2012-13**

(Nos.)

Type	TUTICORIN**			CHENNAI**			VISAKHAPATNAM**		
	2010-11	2011-12	2012-13	2010-11	2011-12	2012-13	2010-11	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10
<b>IMPORT</b>	<b>226230</b>	<b>231457</b>	<b>234098</b>	<b>761919</b>	<b>803694</b>	<b>782645</b>	<b>72937</b>	<b>82808</b>	<b>95886</b>
20'	95640	107281	104146	354089	360300	358189	48455	49902	64046
40'	65295	62088	64976	203915	221697	212228	12241	16453	15920
Stuffed	153174	158565	178298	734934	783166	757951	63586	72909	78366
20'	81690	87305	90924	340278	346968	342247	43126	47537	55426
40'	35742	35630	43687	197328	218099	207852	10230	12686	11470
Empty	73056	72892	55800	26985	20528	24694	9351	9899	17520
20'	13950	19976	13222	13811	13332	15942	5329	2365	8620
40'	29553	26458	21289	6587	3598	4376	2011	3767	4450
<b>EXPORT</b>	<b>241522</b>	<b>245639</b>	<b>241501</b>	<b>723345</b>	<b>751327</b>	<b>756630</b>	<b>72437</b>	<b>76955</b>	<b>87134</b>
20'	101724	107791	105785	346907	344255	351312	48007	48273	53666
40'	69899	68924	67858	188219	203536	202659	12215	14341	16734
Stuffed	226506	232680	226062	481913	524870	564058	58821	57788	68789
20'	88838	96766	96072	246425	255916	268990	45203	44190	50575
40'	68834	67957	64995	117744	134477	147534	6809	6799	9107
Empty	15016	12959	15439	241432	226457	192572	13616	19167	18345
20'	12886	11025	9713	100482	88339	82322	2804	4083	3091
40'	1065	967	2863	70475	69059	55125	5406	7542	7627
<b>TRANSHIP-MENT</b>	-	-	-	-	-	-	<b>0</b>	<b>74582</b>	<b>64291</b>
20'	-	-	-	-	-	-	0	48788	45539
40'	-	-	-	-	-	-	-	12897	9376
Stuffed	-	-	-	-	-	-	0	72756	63311
20'	-	-	-	-	-	-	-	46962	44561
40'	-	-	-	-	-	-	-	12897	9375
Empty	-	-	-	-	-	-	-	1826	980
20'	-	-	-	-	-	-	-	1826	978
40'	-	-	-	-	-	-	-	-	1
<b>TOTAL</b>	<b>467752</b>	<b>477096</b>	<b>475599</b>	<b>1485264</b>	<b>1555021</b>	<b>1539275</b>	<b>145374</b>	<b>234345</b>	<b>247311</b>
20'	197364	215072	209931	700996	704555	709501	96462	195751	208790
40'	135194	131012	132834	392134	425233	414887	24456	56588	51406
Stuffed	379680	391245	404360	1216847	1308036	1322009	122407	203453	210466
20'	170528	184071	186996	586703	602884	611237	88329	138689	150562
40'	104576	103587	108682	315072	352576	355386	17039	32382	29952
Empty	88072	85851	71239	268417	246985	217266	22967	30892	36845
20'	26836	31001	22935	114293	101671	98264	8133	8274	12689
40'	30618	27425	24152	77062	72657	59501	7417	11309	12078

\*\* includes reefers

**Table 2.1.5**  
(Contd...)

**Container Traffic Handled at Major Ports - Type-Wise -  
2010-11, 2011-12 & 2012-13**

(Nos.)

Type	PARADIP			HALDIA			KOLKATA		
	2010-11	2011-12	2012-13	2010-11	2011-12	2012-13	2010-11	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10
<b>IMPORT</b>	<b>1084</b>	<b>3795</b>	<b>6263</b>	<b>70995</b>	<b>54008</b>	<b>67796</b>	<b>192075</b>	<b>162802</b>	<b>232406</b>
20'	1084	3795	6263	39613	41272	47036	111043	116254	135624
40'	-	-	0	15691	6368	10380	40516	23274	48391
Stuffed	-	-	147	70558	53299	67009	183051	154930	217330
20'	-	-	147	39440	40573	46267	107485	110666	125408
40'	-	-	-	15559	6363	10371	37783	22132	45961
Empty	1084	3795	6116	437	709	787	9024	7872	15076
20'	1084	3795	6116	173	699	769	3558	5588	10216
40'	-	-	-	132	5	9	2733	1142	2430
<b>EXPORT</b>	<b>2443</b>	<b>4058</b>	<b>6809</b>	<b>68408</b>	<b>61262</b>	<b>69418</b>	<b>185060</b>	<b>154133</b>	<b>230806</b>
20'	2443	4058	6809	50144	49450	52244	96216	105525	130100
40'	-	-	-	9132	5906	8587	44422	24304	50353
Stuffed	2443	4058	6717	47496	47496	46885	139783	124918	179954
20'	2443	4058	6717	43470	43470	41619	80165	92840	114766
40'	-	-	-	2013	2013	2633	29809	16039	32594
Empty	-	-	92	20912	13766	22533	45277	29215	50852
20'	-	-	92	6674	5980	10625	16051	12685	15334
40'	-	-	-	7119	3893	5954	14613	8265	17759
<b>TRANSHIP-MENT</b>	-	-	-	-	-	-	-	-	-
20'	-	-	-	-	-	-	-	-	-
40'	-	-	-	-	-	-	-	-	-
Stuffed	-	-	-	-	-	-	-	-	-
20'	-	-	-	-	-	-	-	-	-
40'	-	-	-	-	-	-	-	-	-
Empty	-	-	-	-	-	-	-	-	-
20'	-	-	-	-	-	-	-	-	-
40'	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>3527</b>	<b>7853</b>	<b>13072</b>	<b>139403</b>	<b>115270</b>	<b>137214</b>	<b>377135</b>	<b>316935</b>	<b>463212</b>
20'	3527	7853	13072	89757	90722	99280	207259	221779	265724
40'	-	-	-	24823	12274	18967	84938	47578	98744
Stuffed	2443	4058	6864	118054	100795	113894	322834	279848	397284
20'	2443	4058	6864	82910	84043	87886	187650	203506	240174
40'	-	-	-	17572	8376	13004	67592	38171	78555
Empty	1084	3795	6208	21349	14475	23320	54301	37087	65928
20'	1084	3795	6208	6847	6679	11394	19609	18273	25550
40'	-	-	-	7251	3898	5963	17346	9407	20189

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 -  
2010-11, 2011-12 & 2012-13**

(Nos.)

Type	ALL PORTS		
	2010-11	2011-12	2012-13
1	2	3	4
<b>IMPORT</b>	<b>3795703</b>	<b>3251801</b>	<b>3878116</b>
20'	1755809	1563167	1864214
40'	1019947	844317	1006951
Stuffed	3409254	2676427	3418850
20'	1630988	1295169	1721836
40'	889133	690629	848507
Empty	386449	575374	459266
20'	124821	267998	142378
40'	130814	153688	158444
<b>EXPORT</b>	<b>3612627</b>	<b>3107798</b>	<b>3717785</b>
20'	1714003	1507546	1742555
40'	949312	800126	987615
Stuffed	2888563	2671808	3098433
20'	1404525	1360798	1451975
40'	742019	655505	823229
Empty	724064	435990	619352
20'	309478	146748	290580
40'	207293	144621	164386
<b>TRANSHIP-MENT</b>	<b>152575</b>	<b>218662</b>	<b>118498</b>
20'	71381	90634	73168
40'	40597	64014	22665
Stuffed	136358	159211	111612
20'	66026	76093	68306
40'	35166	41559	21653
Empty	16217	59451	6886
20'	5355	14541	4862
40'	5431	22455	1012
<b>TOTAL</b>	<b>7560905</b>	<b>7650908</b>	<b>7714399</b>
20'	3541193	3161347	3679937
40'	2009856	1708457	2017231
Stuffed	6434175	5507446	6628895
20'	3101539	2732060	3242117
40'	1666318	1387693	1693389
Empty	1126730	1070815	1085504
20'	439654	429287	437820
40'	343538	320764	323842

Source: Major Ports and IPA

### Commodity-Wise Break-Up of Container and General Cargo and Level

**Table 2.1.6**

#### of Containerisation at Major Ports -Port-wise 2011-12 & 2012-13

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							
	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11
<b>ALL PORTS</b>										
<b>LOADED</b>										
1. Textiles(Cotton,Silk,Synthetic)Yarn etc.	33	26	33	26	0.06	0.04	0.05	0.04	100.00	100.00
2. Metal & Metal products	398	448	766	832	0.67	0.76	1.12	1.16	51.96	53.85
3. Tea & Coffee	487	254	487	254	0.81	0.43	0.71	0.35	100.00	100.00
4. Foodgrain (Cereals and Pulses)	139	460	517	763	0.23	0.78	0.75	1.06	26.89	60.29
5. Marine products	255	259	255	259	0.43	0.44	0.37	0.36	100.00	100.00
6. Fodder	39	45	39	45	0.07	0.08	0.06	0.06	100.00	100.00
7. Fruits & Vegetables.	0	0	4	1	0.00	0.00	0.01	0.00	0.00	0.00
8. Spices	88	88	88	88	0.15	0.15	0.13	0.12	100.00	100.00
9. Hossiere, Harberdasherry and Millinary.	14	0	14	0	0.02	0.00	0.02	0.00	100.00	0.00
10. Machinery,Instruments Transport equipments.	73	43	175	161	0.12	0.07	0.26	0.22	41.71	26.71
11. Drugs and Medicines.	21	0	22	1	0.04	0.00	0.03	0.00	95.45	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.	19	17	19	17	0.03	0.03	0.03	0.02	100.00	100.00
14. Chemicals	37	50	226	399	0.06	0.08	0.33	0.55	16.37	12.53
15. Dry Fruits	9	11	9	11	0.02	0.02	0.01	0.02	100.00	100.00
16. Jute & its Products	299	235	299	235	0.50	0.40	0.44	0.33	100.00	100.00
17. Leather & its Products	33	29	33	29	0.06	0.05	0.05	0.04	100.00	100.00
18. Others	49483	26681	56530	38662	82.74	45.14	82.45	53.69	87.53	69.01
20. All Commodities	51427	28676	59516	29671	85.99	48.51	86.80	41.20	86.41	96.65
21. Tare Weight(a)	7907	5956	8578	6131	13.22	10.08	12.51	8.51	92.18	97.15
22. Transhipment incl. Tare Wt.(b)	472	2030	472	4238	0.79	3.43	0.69	5.89	100.00	47.90
<b>Grand Total</b>	<b>59806</b>	<b>59113</b>	<b>68566</b>	<b>72011</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>87.22</b>	<b>82.09</b>

Note : (1) For Visakhapatnam, Tuticorin and J.L.Nehru ports Commodity-wise break up of Container Cargo is not available for years 2011-12 & 2012-13. In case of Chennai port, commodity-wise break up of Container Cargo and General Cargo for 2011-12 & 201

(2) In case of KDS, transhipment is included in respective commodity traffic.

**Table 2.1.6 Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2011-12 & 2012-13**

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		2011-12	2012-13	2011-12	2012-13	2011-12	2012-13
	2011-12	2012-13	2011-12	2012-13						
1	2	3	4	5	6	7	8	9	10	11
<b>ALL PORTS</b>										
<b>UNLOADED</b>										
1. Iron & Steel	345	95	2946	3475	0.57	0.16	3.47	4.12	11.71	2.73
2. Metal & Metal Products.	346	287	1884	514	0.57	0.47	2.22	0.61	18.37	55.84
3. Chemicals	173	110	399	853	0.29	0.18	0.47	1.01	43.36	12.90
4. Paper, Newsprints etc.	262	181	263	181	0.43	0.30	0.31	0.21	99.62	100.00
5. Plastic & its products	149	41	149	42	0.25	0.07	0.18	0.05	100.00	97.62
6. Machinery/Instrument and Transport equipments.	170	43	1031	499	0.28	0.07	1.21	0.59	16.49	8.62
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	9	2	13	2	0.01	0.00	0.02	0.00	69.23	100.00
8. Hair and wool	9	3	9	3	0.01	0.00	0.01	0.00	100.00	100.00
9. Rubber and its products.	105	90	105	91	0.17	0.15	0.12	0.11	100.00	98.90
10.Oil, fats etc.	74	21	592	1218	0.12	0.03	0.70	1.44	12.50	1.72
11.Woodpulp.	2	1	95	105	0.00	0.00	0.11	0.12	2.11	0.95
4. Foodgrain (Cereals and Pulses)	27	11	1850	1324	0.04	0.02	2.18	1.57	1.46	0.83
13.Fertiliser & FRM	5	2	2849	1739	0.01	0.00	3.36	2.06	0.18	0.12
14.Industrial Alcohol & Spirits (Non-potable)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
15. Drugs & Medicines	1	0	1	0	0.00	0.00	0.00	0.00	100.00	-
16.Timber & Log	59	51	1964	1952	0.10	0.08	2.31	2.31	3.00	2.61
17.Others	29842	32131	61150	42239	49.53	52.89	72.04	50.09	48.80	76.07
19.All Commodities	27129	28322	75300	29546	45.03	46.62	88.71	35.03	36.03	95.86
20.Tare Weight (a)	6017	6238	8487	12319	9.99	10.27	10.00	14.61	70.90	50.64
21.Transshipment incl.Tare Wt.(b)	6208	6583	1101	16860	10.30	10.84	1.30	19.99	563.85	39.05
<b>Grand Total</b>	<b>60253</b>	<b>60753</b>	<b>84888</b>	<b>84334</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>70.98</b>	<b>72.04</b>

Note : (1) For Visakhapatnam, Tuticorin and J.L.Nehru ports commodity-wise break up of Container Cargo is not available for years 2010-11 & 2011-12. In case of Chennai port, commodity-wise break up of Container Cargo and General Cargo for 2010-11 & 2011-12 is not available.

(2) In case of KDS, transshipment is included in respective commodity traffic.

Source: Major Ports

Table 2.1.7

**Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports -Port-wise 2011-12&2012-13**

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		2011-12	2012-13	2011-12	2012-13	2011-12	2012-13
	2011-12	2012-13	2011-12	2012-13						
1	2	3	4	5	6	7	8	9	10	11
<b>PORT: KOLKATA DOCK SYSTEM</b>										
<b>LOADED</b>										
1. Textiles(Cotton,Silk, Synthetic)Yarn etc.	28	18	28	18	0.86	0.51	0.66	0.39	100.00	100.00
2. Metal & Metal products	68	81	68	81	2.09	2.31	1.60	1.73	100.00	100.00
3. Tea & Coffee	141	122	141	122	4.33	3.48	3.31	2.61	100.00	100.00
4. Foodgrain (Cereals and Pulses)	82	410	107	506	2.52	11.69	2.52	10.84	76.64	81.03
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.	14	0	14	0	0.43	0.00	0.33	0.00	100.00	-
10. Machinery,Instruments Transport equipments.	44	35	50	38	1.35	1.00	1.18	0.81	88.00	92.11
11.Drugs and Medicines.	21	0	21	0	0.65	0.00	0.49	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.	6	0	6	0	0.18	0.00	0.14	0.00	100.00	-
14.Chemicals	14	17	14	17	0.43	0.48	0.33	0.36	100.00	100.00
15.Dry Fruits	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16.Jute & its Products	289	227	289	227	8.88	6.47	6.79	4.86	100.00	100.00
17.Leaner & its Products	31	28	31	28	0.95	0.80	0.73	0.60	100.00	100.00
18.Others	2092	2079	3060	3143	64.27	59.30	71.93	67.32	68.37	66.15
a).Iron & Steel	442	488	463	505	13.58	13.92	10.88	10.82	95.46	96.63
b).Cast Iron Goods	216	197	216	197	6.64	5.62	5.08	4.22	100.00	100.00
c). Miscellaneous	1434	1394	2381	2441	44.06	39.76	55.97	52.28	60.23	57.11
19. All Commodities	2830	3017	3829	4180	86.94	86.05	90.01	89.53	73.91	72.18
20. Tare Weight	425	489	425	489	13.06	13.95	9.99	10.47	100.00	100.00
21 . Transhipment incl.tare wt.	(a)	(a)	(a)	(a)	-	-	-	-	-	-
	<b>3255</b>	<b>3506</b>	<b>4254</b>	<b>4669</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>76.52</b>	<b>75.09</b>

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

**Table 2.1.7 Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2011-12 & 2012-13**

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		2011-12	2012-13	2011-12	2012-13	2011-12	2012-13
	2011-12	2012-13	2011-12	2012-13						
1	2	3	4	5	6	7	8	9	10	11
<b>PORT: KOLKATA DOCK SYSTEM</b>										
<b>UNLOADED</b>										
1. Iron & Steel	21	1	88	58	0.61	0.03	1.96	1.29	23.86	1.72
2. Metal & Metal Products.	52	12	52	12	1.51	0.35	1.16	0.27	100.00	100.00
3. Chemicals	72	8	72	8	2.08	0.23	1.60	0.18	100.00	100.00
4. Paper, Newsprints etc.	94	10	94	10	2.72	0.29	2.09	0.22	100.00	100.00
5. Plastic & its products	23	5	23	5	0.67	0.14	0.51	0.11	100.00	100.00
6. Machinery/Instrument and Transport equipments.	66	6	274	60	1.91	0.17	6.10	1.34	24.09	10.00
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	8	0	8	0	0.23	0.00	0.18	0.00	100.00	0.00
8. Hair and wool	9	3	9	3	0.26	0.09	0.20	0.07	100.00	100.00
9. Rubber and its products.	5	1	5	1	0.14	0.03	0.11	0.02	100.00	100.00
10.Oil, fats etc.	50	2	50	2	1.45	0.06	1.11	0.04	100.00	100.00
11.Woodpulp.	2	1	2	1	0.06	0.03	0.04	0.02	100.00	100.00
4. Foodgrain (Cereals and Pulses)	25	2	980	435	0.72	0.06	21.83	9.69	2.55	0.46
13.Fertiliser & FRM	0	0	69	94	0.00	0.00	1.54	2.09	0.00	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	1	0	1	0	0.03	0.00	0.02	0.00	0.00	-
16.Timber & Log	34	0	708	672	0.98	0.00	15.77	14.97	4.80	0.00
17.Others	2607	2908	2078	2633	75.48	84.19	46.29	58.65	125.46	110.44
a) Electric Goods	53	2	53	2	1.53	0.06	1.18	0.04	100.00	100.00
b) Metal Strap	8	1	8	1	0.23	0.03	0.18	0.02	100.00	100.00
c) Miscellaneous	2546	2905	2017	2630	73.71	84.11	44.93	58.59	126.23	110.46
18. All Commodities	3069	2959	4513	3994	88.85	85.67	100.53	88.97	68.00	74.09
19. Tare Weight(a)	494	495	494	495	14.30	14.33	11.00	11.03	100.00	100.00
20 .Transshipment incl. tare wt.	-	-	0	0	0.00	0.00	0.00	0.00	-	-
<b>Grand Total</b>	<b>3563</b>	<b>3454</b>	<b>5007</b>	<b>4489</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>71.16</b>	<b>76.94</b>

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

**Table 2.1.7 Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports -Port-wise 2011-12 & 2012-13**  
(Contd...)

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		2011-12	2012-13	2011-12	2012-13	2011-12	2012-13
	2011-12	2012-13	2011-12	2012-13						
1	2	3	4	5	6	7	8	9	10	11
<b>PORT:HALDIA DOCK COMPLEX</b>										
<b>LOADED</b>										
1. Textiles(Cotton,Silk, Synthetic)Yarn etc.	1	0	1	0	0.08	0.00	0.07	0.00	100.00	-
2. Metal & Metal products	324	307	324	307	26.73	25.33	23.36	22.13	-	100.00
3. Tea & Coffee	2	0	2	0	0.17	0.00	0.14	0.00	100.00	-
4. Foodgrain (Cereals and Pulses)	54	50	54	50	4.46	4.13	3.89	3.60	100.00	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. Hossiery, Harberdasherry and Millinary.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
10. Machinery,Instruments Transport equipments.	2	2	3	2	0.17	0.17	0.22	0.14	-	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	3	2	3	2	0.25	0.17	0.22	0.14	100.00	100.00
15.Dry Fruits	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16.Jute & its Products	4	1	4	1	0.33	0.08	0.29	0.07	100.00	100.00
17.Leaner & its Products	1	1	1	1	0.08	0.08	0.07	0.07	100.00	100.00
18.Others	729	692	729	867	60.15	57.10	52.56	62.51	100.00	79.82
a) Iron Goods	0	0	0	0	0.00	0.00	0.00	0.00	-	-
b) Iron & Steel	323	288	323	463	26.65	23.76	23.29	33.38	100.00	62.20
c). Miscellaneous	406	404	406	404	33.50	33.33	29.27	29.13	100.00	100.00
19. All Commodities	1120	1055	1121	1230	92.41	87.05	80.82	88.68	99.91	85.77
20. Tare Weight	159	157	159	157	13.12	12.95	11.46	11.32	100.00	100.00
21. Transshipment incl. tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
<b>Grand Total</b>	<b>1279</b>	<b>1212</b>	<b>1280</b>	<b>1387</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>99.92</b>	<b>87.38</b>

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

**Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2011-12 & 2012-13**

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							
	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11
<b>PORT:HALDIA DOCK COMPLEX</b>										
<b>UNLOADED</b>										
1. Iron & Steel	264	61	335	307	15.93	3.68	15.73	14.41	78.81	19.87
2. Metal & Metal Products.	250	263	250	263	15.09	15.87	11.74	12.35	-	100.00
3. Chemicals	64	9	64	9	3.86	0.54	3.00	0.42	100.00	100.00
4. Paper, Newsprints etc.	122	42	122	42	7.36	2.53	5.73	1.97	100.00	100.00
5. Plastic & its products	118	30	118	30	7.12	1.81	5.54	1.41	100.00	100.00
6. Machinery/Instrument and Transport equipments.	62	20	287	192	3.74	1.21	13.47	9.01	21.60	10.42
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.	33	20	33	20	1.99	1.21	1.55	0.94	100.00	100.00
10.Oil, fats etc.	11	18	11	18	0.66	1.09	0.52	0.85	100.00	100.00
11.Woodpulp.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
4. Foodgrain (Cereals and Pulses)	2	2	2	2	0.12	0.12	0.09	0.09	100.00	100.00
13.Fertiliser & FRM	0	0	0	109	0.00	0.00	0.00	5.12	-	-
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	15	0	15	0.00	0.91	0.00	0.70	-	-
17.Others	272	1028	272	974	16.42	62.04	12.77	45.73	100.00	105.54
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) Miscelleneous	272	1028	272	974	16.42	62.04	12.77	45.73	100.00	105.54
18. All Commodities	1198	1508	1494	1981	72.30	91.01	70.14	93.00	80.19	76.12
19. Tare Weight	142	149	142	149	8.57	8.99	6.67	7.00	100.00	100.00
20. Transhipment incl tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
<b>Grand Total</b>	<b>1340</b>	<b>1657</b>	<b>1636</b>	<b>2130</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>81.91</b>	<b>77.79</b>

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

**Commodity-Wise Break-Up of Container and General Cargo and Level  
of Containerisation at Major Ports -Port-wise 2011-12 & 2012-13**

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		2011-12	2012-13	2011-12	2012-13	2011-12	2012-13
	2011-12	2012-13	2011-12	2012-13						
1	2	3	4	5	6	7	8	9	10	11
<b>PORT : PARADIP</b>										
<b>LOADED</b>										
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. Leather & its Products	1	0	1	0	0.64	0.00	0.61	0.00	100.00	-
18. Others	90	138	92	145	57.69	88.46	56.44	88.96	97.83	95.17
a). Iron & Steel	0	6	1	6	0.00	3.85	0.61	3.68	0.00	100.00
b). Al. Ingot	0	0	0	0	0.00	0.00	0.00	0.00	-	-
c). Miscellaneous	90	132	91	139	57.69	84.62	55.83	85.28	98.90	94.96
19. All Commodities	91	138	93	145	58.33	88.46	57.06	88.96	97.85	95.17
20. Tare Weight	9	18	9	18	5.77	11.54	5.52	11.04	100.00	100.00
21. Transhipment incl tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
<b>Grand Total</b>	<b>100</b>	<b>156</b>	<b>102</b>	<b>163</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>98.04</b>	<b>95.71</b>

Table 2.1.7

**Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2011-12 & 2012-2013**

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							
	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11
<b>PORT : PARADIP</b>										
<b>UNLOADED</b>										
1. Iron & Steel	0	0	223	145	-	-	135.98	88.41	0.00	0.00
2. Metal & Metal Products.	0	0	0	0	-	-	0.00	0.00	-	-
3. Chemicals	0	0	0	0	-	-	0.00	0.00	-	-
4. Paper, Newsprints etc.	0	0	0	0	-	-	0.00	0.00	-	-
5. Plastic & its products	0	0	0	0	-	-	0.00	0.00	-	-
6. Machinery/Instrument and Transport equipments.	0	0	0	0	-	-	0.00	0.00	-	-
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0	0	0	0	-	-	0.00	0.00	-	-
8. Hair and wool	0	0	0	0	-	-	0.00	0.00	-	-
9. Rubber and its products.	0	0	0	0	-	-	0.00	0.00	-	-
10.Oil, fats etc.	0	0	0	0	-	-	0.00	0.00	-	-
11.Woodpulp.	0	0	0	0	-	-	0.00	0.00	-	-
4. Foodgrain (Cereals and Pulses)	0	0	0	0	-	-	0.00	0.00	-	-
13.Fertiliser & FRM	0	0	0	0	-	-	0.00	0.00	-	-
14.Industrial Alcohol & Spirits (Non-potable)	0	0	0	0	-	-	0.00	0.00	-	-
15.Drugs & Medicines	0	0	0	0	-	-	0.00	0.00	-	-
16.Timber & Log	0	0	0	0	-	-	0.00	0.00	-	-
17.Others	1	1	33	5	-	0.06	20.12	3.05	3.03	20.00
a)Care Cargo	0	0	0	0	-	0.00	0.00	0.00	-	-
b) Edible Oil	0	0	0	0	-	0.00	0.00	0.00	-	-
c) Miscellaneous	1	1	33	5	-	0.06	20.12	3.05	3.03	20.00
18. All Commodities	1	1	256	150	-	0.06	156.10	91.46	0.39	0.67
19. Tare Weight	8	14	8	14	-	0.84	4.88	8.54	-	-
20. Transhipment incl.tare wt.	0	0	0	0	-	0.00	0.00	0.00	-	-
<b>Grand Total</b>	<b>9</b>	<b>15</b>	<b>264</b>	<b>164</b>	<b>-</b>	<b>0.91</b>	<b>100.00</b>	<b>100.00</b>	<b>3.41</b>	<b>9.15</b>

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

**Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports -Port-wise 2011-12 & 2012-13**

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							
	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11
<b>PORT:VISAKHAPATNAM</b>										
<b>LOADED</b>										
1. Textiles(Cotton,Silk,Synthetic)Yarn etc.	...	...	0	...	...	...	0.00	0.00	...	...
2. Metal & Metal products	...	...	0	...	...	...	0.00	0.00	...	...
3. Tea & Coffee	...	...	0	...	...	...	0.00	0.00	...	...
4. Foodgrain (Cereals and Pulses)	...	...	1	0	...	...	0.03	0.00	...	...
5. Marine products	...	...	0	...	...	...	0.00	0.00	...	...
6. Fodder	...	...	0	...	...	...	0.00	0.00	...	...
7. Fruits & Vegetables.	...	...	0	...	...	...	0.00	0.00	...	...
8. Spices	...	...	0	...	...	...	0.00	0.00	...	...
9. Hosiery, Harberdasherry and Millinary.	...	...	0	...	...	...	0.00	0.00	...	...
10. Machinery,Instruments Transport equipments.	...	...	0	...	...	...	0.00	0.00	...	...
11.Drugs and Medicines.	...	...	0	...	...	...	0.00	0.00	...	...
12.Dyes and Colours.	...	...	0	...	...	...	0.00	0.00	...	...
13.Oil seeds,fats etc.	...	...	0	...	...	...	0.00	0.00	...	...
14.Chemicals	...	...	0	...	...	...	0.00	0.00	...	...
15.Dry Fruits	...	...	0	...	...	...	0.00	0.00	...	...
16.Jute & its Products	...	...	0	...	...	...	0.00	0.00	...	...
17.Leaner & its Products	...	...	0	...	...	...	0.00	0.00	...	...
18.Others	...	...	2560	2841	0.00	0.00	80.15	88.95	0.00	0.00
a) Iron & Steel	...	...	580	723	0.00	0.00	0.00	-	0.00	0.00
a) Cement	...	...	0	...	...	...	0.00	0.00	-	...
b) Sugar	...	...	0	...	...	...	0.00	0.00	-	...
c) Granite	...	...	191	105	...	...	5.98	3.29	0.00	0.00
d) Miscellaneous	...	...	2369	2736	...	...	74.17	85.66	0.00	0.00
20. All Commodities	1716	1927	2561	2841	75.26	84.52	80.18	88.95	67.01	67.83
21. Tare Weight	330	353	330	353	14.47	15.48	10.33	11.05	100.00	100.00
22. Transhipment incl.tare wt.	-	-	-	-	0.00	0.00	0.00	0.00	-	-
<b>Grand Total</b>	<b>2046</b>	<b>2280</b>	<b>2891</b>	<b>3194</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>70.77</b>	<b>71.38</b>

Note : For Visakhapatnam port commodity-wise break up of Container Cargo for 2011-12 & 2012-13 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 - 2011-12 & 2012-13**

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		2011-12	2012-13	2011-12	2012-13	2011-12	2012-13
	2011-12	2012-13	2011-12	2012-13						
1	2	3	4	5	6	7	8	9	10	11
<b>PORT : VISAKHAPATNAM</b>										
<b>UNLOADED</b>										
1. Iron & Steel	0	0	63	34	0	0	2.37	1.28	0.00	0.00
2. Metal & Metal Products.	0	0	0	0	0	0	0.00	0.00	0	0
3. Chemicals	0	0	0	0	0	0	0.00	0.00	0	0
4. Paper, Newsprints etc.	0	0	0	0	0	0	0.00	0.00	0	0
5. Plastic & its products	0	0	0	0	0	0	0.00	0.00	0	0
6. Machinery/Instrument and Transport equipments.	0	0	0	0	0	0	0.00	0.00	0	0
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0	0	0	0	0	0	0.00	0.00	0	0
8. Hair and wool	0	0	0	0	0	0	0.00	0.00	0	0
9. Rubber and its products.	0	0	0	0	0	0	0.00	0.00	0	0
10.Oil, fats etc.	0	0	0	0	0	0	0.00	0.00	0	0
11.Woodpulp.	0	0	0	0	0	0	0.00	0.00	0	0
4. Foodgrain (Cereals and Pulses)	0	0	0	0	0	0	0.00	0.00	0	0
13.Fertiliser & FRM	0	0	2	0	0	0	0.08	0.00	0.00	0.00
14.Industrial Alcohol & Spirits (Non-potable)	0	0	0	0	0	0	0.00	0.00	0	0
15.Drugs & Medicines	0	0	0	0	0	0	0.00	0.00	0	0.00
16.Timber & Log	0	0	184	157	0	0	6.92	5.90	0.00	0.00
17.Others	0	0	2044	2110	0	0	76.84	79.32	0	0
a) Carbon Materials	0	0	0	0	0	0	0.00	0.00	0	0
b) Miscellaneous	0	0	2044	2110	0.00	0.00	76.84	79.32	0	0
19. All Commodities	1816	1915	2291	2301	79.86	84.21	86.13	86.50	79.27	83.22
20. Tare Weight	351	359	351	359	15.44	15.79	13.20	13.50	100.00	100.00
21. Transhipment incl. tare wt.	-	-	0	0	0.00	0.00	0.00	0.00	-	-
<b>Grand Total</b>	<b>2167</b>	<b>2274</b>	<b>2642</b>	<b>2660</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>82.02</b>	<b>85.49</b>

Note : For Visakhapatnam port commodity-wise break up of Container Cargo for 2011-12 & 2012-13 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 2011-12 & 2012-13**

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		2011-12	2012-13	2011-12	2012-13	2011-12	2012-13
	2011-12	2012-13	2011-12	2012-13						
1	2	3	4	5	6	7	8	9	10	11
<b>PORT : CHENNAI</b>										
<b>LOADED</b>										
1. Textiles(Cotton,Silk, Synthetic)Yarn etc.	...	...	...	...	...	...	...	...	...	...
2. Metal & Metal products	...	...	...	...	...	...	...	...	...	...
3. Tea & Coffee	...	...	...	...	...	...	...	...	...	...
4. Foodgrain (Cereals and Pulses)	...	...	...	...	...	...	...	...	...	...
5. Marine products	...	...	...	...	...	...	...	...	...	...
6. Fodder	...	...	...	...	...	...	...	...	...	...
7. Fruits & Vegetables.	...	...	...	...	...	...	...	...	...	...
8. Spices	...	...	...	...	...	...	...	...	...	...
9. Hosiery, Harberdasherry and Millinary.	...	...	...	...	...	...	...	...	...	...
10. Machinery,Instruments Transport equipments.	...	...	...	...	...	...	...	...	...	...
11.Drugs and Medicines.	...	...	...	...	...	...	...	...	...	...
12.Dyes and Colours.	...	...	...	...	...	...	...	...	...	...
13.Oil seeds,fats etc.	...	...	...	...	...	...	...	...	...	...
14.Chemicals	...	...	...	...	...	...	...	...	...	...
15.Dry Fruits	...	...	...	...	...	...	...	...	...	...
16.Jute & its Products	...	...	...	...	...	...	...	...	...	...
17.Leanther & its Products	...	...	...	...	...	...	...	...	...	...
18.Others	...	...	...	...	...	...	...	...	...	...
a). Minerals	...	...	...	...	...	...	...	...	...	...
b).Granite	...	...	...	...	...	...	...	...	...	...
c).Iron & Steel	...	...	...	...	...	...	...	...	...	...
d).Miscellaneous	...	...	...	...	...	...	...	...	...	...
20. All Commodities	14536	14604	16254	16088	99.53	100.00	101.03	100.00	0.62	0.62
21. Tare Weight	1605	2276	1605	2276	10.99	15.58	9.98	14.15	0.07	0.10
22. Transhipment incl. tare wt.	...	...	...	...	0.00	0.00	0.00	0.00	0.00	0.00
<b>Grand Total</b>	<b>14536</b>	<b>14604</b>	<b>16254</b>	<b>16088</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>89.43</b>	<b>90.78</b>

Note: For Chennai port commodity-wise break up of Container and General Cargo for 2011-12 & 2012-13 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 - 2011-12 & 2012-13**

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							
	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11
<b>PORT : CHENNAI</b>										
<b>UNLOADED</b>										
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
4. 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	0	0	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	0	0	0	0
19. All Commodities	13832	12747	15204	14017	91.58	84.39	92.85	85.61	90.98	90.94
20. Tare Weight	1708	2357	1708	2357	11.31	15.61	10.43	14.39	100.00	100.00
21. Transhipment incl. tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
<b>Grand Total</b>	<b>15540</b>	<b>15104</b>	<b>16912</b>	<b>16374</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>91.89</b>	<b>92.24</b>

Note: For Chennai port commodity-wise break up of Container and General Cargo for 2011-12 & 2012-13 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 2011-12 & 2012-13**

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		2011-12	2012-13	2011-12	2012-13	2011-12	2012-13
	2011-12	2012-13	2011-12	2012-13						
1	2	3	4	5	6	7	8	9	10	11
<b>PORT : TUTICORIN</b>										
<b>LOADED</b>										
1. Textiles(Cotton,Silk, Synthetic)Yarn etc.	...	...	0	0	...	...	0.00	0.00	...	...
2. Metal & Metal products	...	...	0	0	...	...	0.00	0.00	...	...
3. Tea & Coffee	...	...	0	0	...	...	0.00	0.00	...	...
4. Foodgrain (Cereals and Pulses)	...	...	293	128	0.00	0.00	4.31	1.88	0.00	0.00
5. Marine products	...	...	0	0	0.00	0.00	0.00	0.00	0.00	0.00
6. Fodder	...	...	0	0	0.00	0.00	0.00	0.00	0.00	0.00
7. Fruits & Vegetables.	...	...	0	0	0.00	0.00	0.00	0.00	0.00	0.00
8. Spices	...	...	0	0	0.00	0.00	0.00	0.00	0.00	0.00
9. Hosiery, Harberdasherry and Millinary.	...	...	0	0	0.00	0.00	0.00	0.00	0.00	0.00
10. Machinery,Instruments Transport equipments.	...	...	21	2	0.00	0.00	0.31	0.03	0.00	0.00
11.Drugs and Medicines.	...	...	0	0	0.00	0.00	0.00	0.00	0.00	0.00
12.Dyes and Colours.	...	...	0	0	0.00	0.00	0.00	0.00	0.00	0.00
13.Oil seeds,fats etc.	...	...	0	0	0.00	0.00	0.00	0.00	0.00	0.00
14.Chemicals	...	...	175	315	0.00	0.00	2.58	4.64	0.00	0.00
15.Dry Fruits	...	...	0	0	0.00	0.00	0.00	0.00	0.00	0.00
16.Jute & its Products	...	...	0	0	0.00	0.00	0.00	0.00	0.00	0.00
17.Leanther & its Products	...	...	0	0	0.00	0.00	0.00	0.00	0.00	0.00
18.Others	...	...	6484	5881	0.00	0.00	95.41	86.54	0.00	0.00
a) Iron & Steel			6	4	0.00	0.00	0.09	0.06	0.00	0.00
b) Sugar			65	47	0.00	0.00	0.96	0.69	0.00	0.00
c) Granite			195	84	0.00	0.00	2.87	1.24	0.00	0.00
20. All Commodities	5651	5417	6973	6326	95.99	92.02	102.60	93.08	81.04	85.63
21. Tare Weight	478	470	478	470	8.12	7.98	7.03	6.92	100.00	100.00
22. Transhipment incl. tare wt.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Grand Total</b>	<b>6129</b>	<b>5887</b>	<b>7451</b>	<b>6796</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>82.26</b>	<b>86.62</b>

Note : For Tuticorin port commodity-wise break up of Container Cargo for 2011-12 & 2012-13 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 - 2011-12 & 2012-13**

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							
	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11
<b>PORT : TUTICORIN</b>										
<b>UNLOADED</b>										
1. Iron & Steel	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. Chemicals	0	0	209	78	0	0	4.48	1.67	0.00	0.00
4. Paper, Newsprints etc.	0	0	0	0	0	0	0.00	0.00	0	0
5. Plastic & its products	0	0	0	0	0	0	0.00	0.00	0	0
6. Machinery/Instrument and Transport equipments.	0	0	77	16	0	0	1.65	0.34	0	0
7. Textiles(Cotton,Silk,Synthetic)Yarn etc.	0	0	0	0	0	0	0.00	0.00	0	0
8. Hair and wool	0	0	0	0	0	0	0.00	0.00	0	0
9. Rubber and its products.	0	0	0	0	0	0	0.00	0.00	0	0
10.Oil, fats etc.	0	0	245	250	0	0	5.25	5.36	0.00	0.00
11.Woodpulp.	0	0	0	0	0	0	0.00	0.00	0	0
12. Foodgrain (Cereals and Pulses)	0	0	0	0	0	0	0.00	0.00	0.00	0.00
13.Fertiliser & FRM	0	0	2002	1051	0	0	42.91	22.52	0.00	0.00
14.Industrial Alcohol & Spirits (Non-potable)	0	0	0	0	0	0	0.00	0.00	0	0
15.Drugs & Medicines	0	0	0	0	0	0	0.00	0.00	0.00	0.00
16.Timber & Log	0	0	664	699	0	0	14.23	14.98	0.00	0.00
17.Others	0	0	0	0	0	0	0.00	0.00	0	0
19. All Commodities	2644	3028	4708	4209	75.87	86.89	100.90	90.21	56.16	71.94
20. Tare Weight	454	457	454	457	13.03	13.11	9.73	9.79	100.00	100.00
21. Transshipment incl. tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	0	0
<b>Grand Total</b>	<b>3098</b>	<b>3485</b>	<b>5162</b>	<b>4666</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>60.02</b>	<b>74.69</b>

Note : For Tuticorin port commodity-wise break up of Container Cargo for 2011-12 & 2012-13 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 2011-12 & 2012-13**

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		2011-12	2012-13	2011-12	2012-13	2011-12	2012-13
	2011-12	2012-13	2011-12	2012-13						
1	2	3	4	5	6	7	8	9	10	11
<b>PORT : COCHIN</b>										
<b>LOADED</b>										
1. Textiles(Cotton,Silk,Synthetic)Yarn etc.	4	8	4	8	0.24	0.47	0.24	0.47	-	100.00
2. Metal & Metal products	0	18	0	18	0.00	1.07	0.00	1.07	-	-
3. Tea & Coffee	226	1	226	1	13.39	0.06	13.38	0.06	100.00	100.00
4. Foodgrain (Cereals and Pulses)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
5. Marine products	207	211	207	211	12.26	12.50	12.26	12.49	100.00	100.00
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	87	88	87	88	5.15	5.21	5.15	5.21	100.00	100.00
9. Hosiery, Harberdasherry and Millinery.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
10. Machinery,Instruments Transport equipments.	25	0	25	0	1.48	0.00	1.48	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	16	25	16	25	0.95	1.48	0.95	1.48	100.00	100.00
15. Dry Fruits	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16. Jute & its Products	6	7	6	7	0.36	0.41	0.36	0.41	-	100.00
17. Leather & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
18. Others	607	919	608	920	35.96	54.44	36.00	54.47	99.84	99.89
a) Rubber	79	105	79	105	4.68	6.22	4.68	6.22	100.00	100.00
b). Coir Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
c). Iron & Steel	2	0	2	0	0.12	0.00	0.12	0.00	100.00	-
d). Mineral Sand	0	0	0	0	0.00	0.00	0.00	0.00	-	-
e). Miscellaneous	526	814	527	815	31.16	48.22	31.20	48.25	99.81	99.88
f) Granite	18	12	18	12	1.07	0.71	1.07	0.71	100.00	100.00
19. All Commodities	1178	1277	1179	1278	69.79	75.65	69.80	75.67	99.92	99.92
20. Tare Weight	502	360	502	360	29.74	21.33	29.72	21.31	100.00	100.00
21 Transhipment Incl .Tare Wt.	174	51	174	51	10.31	3.02	10.30	3.02	100.00	100.00
<b>Grand Total</b>	<b>1854</b>	<b>1688</b>	<b>1855</b>	<b>1689</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>99.95</b>	<b>99.94</b>

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

**Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2011-12 & 2012-13**

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							
	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11
<b>PORT : COCHIN</b>										
<b>UNLOADED</b>										
1. Iron & Steel	5	0	47	13	0.17	0.00	1.54	0.43	10.64	0.00
2. Metal & Metal Products.	0	8	0	8	0.00	0.27	0.00	0.26	-	-
3. Chemicals	23	77	23	77	0.79	2.64	0.76	2.53	100.00	100.00
4. Paper, Newsprints etc.	40	124	40	124	1.37	4.25	1.31	4.07	100.00	100.00
5. Plastic & its products	1	0	1	0	0.03	0.00	0.03	0.00	-	-
6. Machinery/Instrument and Transport equipments.	6	0	7	0	0.21	0.00	0.23	0.00	85.71	-
7. Textiles(Cotton,Silk, Synthetic)Yam etc.	0	0	4	0	0.00	0.00	0.13	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.	65	69	65	69	2.23	2.36	2.13	2.27	100.00	100.00
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	7	0	7	0.00	0.24	0.00	0.23	-	-
13.Fertiliser & FRM	0	0	431	353	0.00	0.00	14.15	11.59	-	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	64	95	0.00	0.00	2.10	3.12	0.00	0.00
17.Others	2067	2208	1631	1873	70.81	75.64	53.56	61.51	126.73	117.89
a) Cement	0	0	0	0	0.00	0.00	0.00	0.00	-	-
b) Cashew	253	250	253	250	8.67	8.56	8.31	8.21	100.00	100.00
c). Cement Clinker	0	0	0	0	0.00	0.00	0.00	0.00	-	-
d) Miscellaneous	1814	1958	1378	1623	62.14	67.08	45.25	53.30	131.64	120.64
18. All Commodities	2207	2493	2313	2619	75.61	85.41	75.96	86.01	95.42	95.19
19. Tare Weight	480	367	480	367	16.44	12.57	15.76	12.05	100.00	100.00
20 Transhipment incl. Tare Wt.	174	59	174	59	5.96	2.02	5.71	1.94	100.00	100.00
<b>Grand Total</b>	<b>2861</b>	<b>2919</b>	<b>2967</b>	<b>3045</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>96.43</b>	<b>95.86</b>

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

**Commodity-Wise Break-Up of Container and General Cargo and Level  
of Containerisation at Major Ports -Port-wise 2011-12 & 2012-13**

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		2011-12	2012-13	2011-12	2012-13	2011-12	2012-13
	2011-12	2012-13	2011-12	2012-13						
1	2	3	4	5	6	7	8	9	10	11
<b>PORT : NEW MANGALORE</b>										
<b>LOADED</b>										
1. Textiles(Cotton,Silk,Synthetic)Yarn etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
2. Metal & Metal products	4	4	4	4	1.10	1.10	1.00	1.00	100.00	100.00
3. Tea & Coffee	118	131	118	131	32.60	36.19	29.43	32.67	100.00	100.00
4. Foodgrain (Cereals and Pulses)	3	0	61	20	0.83	0.00	15.21	4.99	-	0.00
5. Marine products	48	48	48	48	13.26	13.26	11.97	11.97	100.00	100.00
6. Fodder	39	45	39	45	10.77	12.43	9.73	11.22	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	5	13	36	0.55	1.38	3.24	8.98	15.38	13.89
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.	13	17	13	17	3.59	4.70	3.24	4.24	100.00	100.00
14.Chemicals	4	6	4	6	1.10	1.66	1.00	1.50	100.00	100.00
15.Dry Fruits	9	11	9	11	2.49	3.04	2.24	2.74	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	66	41	146	29	18.23	11.33	36.41	7.23	45.21	141.38
a) Granite Stones	4	8	102	16	1.10	2.21	25.44	3.99	-	50.00
b) Sugar	0	0	0	0	0.00	0.00	0.00	0.00	-	-
c). Miscellaneous	62	33	44	13	17.13	9.12	10.97	3.24	140.91	253.85
19. All Commodities	306	308	455	347	84.53	85.08	113.47	86.53	67.25	88.76
20. Tare Weight	50	54	50	54	13.81	14.92	12.47	13.47	100.00	100.00
21 Transhipment Incl tare Wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
<b>Grand Total</b>	<b>356</b>	<b>362</b>	<b>505</b>	<b>401</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>70.50</b>	<b>90.27</b>

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

**Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2011-12 & 2012-13**

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							
	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11
<b>PORT : NEW MANGALORE</b>										
<b>UNLOADED</b>										
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	13	16	13	16	1.28	4.85	1.53	1.89	100.00	100.00
4. Paper, Newsprints etc.	4	3	4	3	0.00	0.91	0.47	0.35	-	100.00
5. Plastic & its products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
6. Machinery/Instrument and Transport equipments.	16	11	36	14	1.71	3.33	4.25	1.65	44.44	78.57
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.	13	1	13	1	0.00	0.30	1.53	0.12	-	100.00
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	5	2	83	54	0.00	0.61	9.80	6.38	6.02	3.70
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	25	36	322	283	5.98	10.91	38.02	33.41	7.76	12.72
17.Others	164	208	389	423	74.79	63.03	45.93	49.94	42.16	49.17
a) Cashew	124	147	124	147	55.56	44.55	14.64	17.36	100.00	100.00
b) Cement	0	0	0	0	0.00	0.00	0.00	0.00	-	-
c) Miscelleneous	40	61	265	276	19.23	18.48	31.29	32.59	15.09	22.10
18. All Commodities	240	277	860	794	85.04	83.94	101.53	93.74	27.91	34.89
19. Tare Weight	49	53	49	53	14.96	16.06	5.79	6.26	100.00	100.00
20. Transhipment incl. tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
<b>Grand Total</b>	<b>289</b>	<b>330</b>	<b>909</b>	<b>847</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>31.79</b>	<b>38.96</b>

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

**Commodity-Wise Break-Up of Container and General Cargo and Level  
of Containerisation at Major Ports -Port-wise 2011-12 & 2012-13**

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							
	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11
<b>PORT : MORMUGAO</b>										
<b>LOADED</b>										
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	59	0.00	0.00	0.00	5.28	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. Leather & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
18. Others	87	89	660	1036	78.38	80.18	59.09	92.75	13.18	8.59
a) Frozen Fish	43	43	43	43	38.74	38.74	3.85	3.85	-	100.00
b) Alumina	0	0	0	0	0.00	0.00	0.00	0.00	-	-
c) H. R. Coils	0	0	381	677	0.00	0.00	34.11	60.61	0.00	0.00
d). Miscellaneous	44	46	236	316	39.64	41.44	21.13	28.29	18.64	14.56
e) Iron & Steel	0	0	105	0						
19. All Commodities	87	89	660	1095	78.38	80.18	59.09	98.03	13.18	8.13
20. Tare Weight	24	22	24	22	21.62	19.82	2.15	1.97	100.00	100.00
21. Transhipment incl. tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
<b>Grand Total</b>	<b>111</b>	<b>111</b>	<b>684</b>	<b>1117</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>16.23</b>	<b>9.94</b>

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

**Commodity-Wise Break-Up of Container and General Cargo and Level  
of Containerisation at Major Ports - Port-wise - 2011-12 & 2012-13**

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							
	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11
<b>PORT : MORMUGAO</b>										
<b>UNLOADED</b>										
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	1	0	1	0.00	0.68	0.00	0.61	-	-
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	93	78	0.00	0.00	56.71	47.56	-	-
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	144	122	54	61	97.96	82.99	32.93	37.20	266.67	200.00
a). X Ray film & Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
b). H. R. Steel Plates	0	0	0	0	0.00	0.00	0.00	0.00	-	-
c) Miscelleneous	144	122	54	61	97.96	82.99	32.93	37.20	266.67	200.00
18. All Commodities	144	123	147	140	97.96	83.67	89.63	85.37	97.96	87.86
19. Tare Weight	24	24	24	24	16.33	16.33	14.63	14.63	100.00	100.00
20. Transhipment incl. tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
<b>Grand Total</b>	<b>168</b>	<b>147</b>	<b>171</b>	<b>164</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>98.25</b>	<b>89.63</b>

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

**Commodity-Wise Break-Up of Container and General Cargo and Level  
of Containerisation at Major Ports -Port-wise 2011-12 & 2012-13**

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		2011-12	2012-13	2011-12	2012-13	2011-12	2012-13
	2011-12	2012-13	2011-12	2012-13						
1	2	3	4	5	6	7	8	9	10	11
<b>PORT : J. L. NEHRU</b>										
<b>LOADED</b>										
1. Textiles(Cotton,Silk, Synthetic)Yarn etc.	...	...	...	...	...	...	...	...	...	...
2. Metal & Metal products	...	...	...	...	...	...	...	...	...	...
3. Tea & Coffee	...	...	...	...	...	...	...	...	...	...
4. Foodgrain (Cereals and Pulses)	...	...	...	...	...	...	...	...	...	...
5. Marine products	...	...	...	...	...	...	...	...	...	...
6. Fodder	...	...	...	...	...	...	...	...	...	...
7. Fruits & Vegetables.	...	...	...	...	...	...	...	...	...	...
8. Spices	...	...	...	...	...	...	...	...	...	...
9. Hossiery, Harberdasherry and Millinary.	...	...	...	...	...	...	...	...	...	...
10. Machinery,Instruments Transport equipments.	...	...	...	...	...	...	...	...	...	...
11. Drugs and Medicines.	...	...	...	...	...	...	...	...	...	...
12. Dyes and Colours.	...	...	...	...	...	...	...	...	...	...
13. Oil seeds,fats etc.	...	...	...	...	...	...	...	...	...	...
14. Chemicals	...	...	...	21	0	0	0	0.0759	0	0
15. Dry Fruits	...	...	...	...	...	...	...	...	...	...
16. Jute & its Products	...	...	...	...	...	...	...	...	...	...
17. Leather & its Products	...	...	...	...	...	...	...	...	...	...
18. Others	23876	22609	23890	22649	86.35	81.77	86.21	81.73	0.31	0.30
20. All Commodities	23876	22609	23890	22670	86.35	81.77	86.21	81.81	99.94	99.73
21. Tare Weight	4318	5001	4318	5001	15.62	18.09	15.58	18.05	100.00	100.00
22. Transhipment incl. tare wt.	298	40	298	40	1.08	0.14	1.08	0.14	100.00	100.00
<b>Grand Total</b>	<b>28492</b>	<b>27650</b>	<b>28506</b>	<b>27711</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>99.95</b>	<b>99.78</b>

Note: For J.L.Nehru port commodity-wise break up of Container Cargo for 2011-12 & 2012-13 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 - 2011-12 & 2012-13**

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		2011-12	2012-13	2011-12	2012-13	2011-12	2012-13
	2011-12	2012-13	2011-12	2012-13						
1	2	3	4	5	6	7	8	9	10	11
<b>PORT : J. L. NEHRU</b>										
<b>UNLOADED</b>										
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	...	654	0.00	0.00	0.00	2.16	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	...	947	0.00	0.00	0.00	3.13	0.00	0.00
11.Woodpulp.	0	0	...	...	0.00	0.00	0	0	0	0
4. Foodgrain (Cereals and Pulses)	0	0	19	0	0.00	0.00	0	0	0	0
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	24308	25145	24426	23586	80.33	83.09	80.61	77.83	99.52	106.61
19. All Commodities	24308	25145	24426	25187	80.33	83.09	80.61	83.12	99.52	99.83
20. Tare Weight	4506	5076	4506	5076	14.89	16.77	14.87	16.75	100.00	100.00
21. Transshipment incl tare wt.	927	40	927	40	3.06	0.13	3.06	0.13	100.00	100.00
<b>Grand Total</b>	<b>29741</b>	<b>30261</b>	<b>29859</b>	<b>30303</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>99.60</b>	<b>99.86</b>

Note: For J.L.Nehru port commodity-wise break up of Container Cargo for 2011-12 & 2012-13 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 2011-12 &2012-13**

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		2011-12	2012-13	2011-12	2012-13	2011-12	2012-13
	2011-12	2012-13	2011-12	2012-13						
1	2	3	4	5	6	7	8	9	10	11
<b>PORT : KANDLA</b>										
<b>LOADED</b>										
1. Textiles(Cotton,Silk, Synthetic)Yarn etc.	...	...	...	...	0.00	0.00	0.00	0.00	...	...
2. Metal & Metal products	...	...	...	...	0.00	0.00	0.00	0.00	...	...
3. Tea & Coffee	...	...	...	...	0.00	0.00	0.00	0.00	...	...
4. Foodgrain (Cereals and Pulses)	...	...	...	...	0.00	0.00	0.00	0.00	...	...
5. Marine products	...	...	...	...	0.00	0.00	0.00	0.00	...	...
6. Fodder	...	...	...	...	0.00	0.00	0.00	0.00	...	...
7. Fruits & Vegetables.	...	...	...	...	0.00	0.00	0.00	0.00	...	...
8. Spices	...	...	...	...	0.00	0.00	0.00	0.00	...	...
9. Hossiery, Harberdasherry and Millinary.	...	...	...	...	0.00	0.00	0.00	0.00	...	...
10. Machinery,Instruments Transport equipments.	...	...	...	...	0.00	0.00	0.00	0.00	...	...
11. Drugs and Medicines.	...	...	...	...	0.00	0.00	0.00	0.00	...	...
12. Dyes and Colours.	...	...	...	...	0.00	0.00	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	0.00	0.00	...	...
16. Jute & its Products	...	...	...	...	0.00	0.00	0.00	0.00	...	...
17. Leather & its Products	...	...	...	...	0.00	0.00	0.00	0.00	...	...
18. Others	...	...	...	...	0.00	0.00	0.00	0.00	...	...
a) Ores	...	...	...	...	0.00	0.00	0.00	0.00	...	...
b) Salt	...	...	...	...	0.00	0.00	0.00	0.00	...	...
c). Iron & Steel	...	...	...	...	0.00	0.00	0.00	0.00	...	...
d). Miscelleneous	0	0	0	0	0.00	0.00	0.00	0.00	...	...
19. All Commodities	1593	1481	2963	7102	107.56	100.00	41.72	100.00	53.76	20.85
20. Tare Weight	2	0	2	0	0.14	0.00	0.03	0.00	100.00	-
21. Transhipment incl. tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
<b>Grand Total</b>	<b>1595</b>	<b>1481</b>	<b>2965</b>	<b>7102</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>53.79</b>	<b>20.85</b>

Note: For Kandla port commodity-wise break up of Container Cargo for 2011-12 & 2012-13 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 - 2011-12 & 2012-13**

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		2011-12	2012-13	2011-12	2012-13	2011-12	2012-13
	2011-12	2012-13	2011-12	2012-13						
1	2	3	4	5	6	7	8	9	10	11
<b>PORT : KANDLA</b>										
<b>UNLOADED</b>										
1. Iron & Steel	...	...	...	...	0.00	0.00	0.00	0.00	...	...
2. Metal & Metal Products.	...	...	...	...	0.00	0.00	0.00	0.00	...	...
3. Chemicals	...	...	...	...	0.00	0.00	0.00	0.00	...	...
4. Paper, Newsprints etc.	...	...	...	...	0.00	0.00	0.00	0.00	...	...
5. Plastic & its products	...	...	...	...	0.00	0.00	0.00	0.00	...	...
6. Machinery/Instrument and Transport equipments.	...	...	...	...	0.00	0.00	0.00	0.00	...	...
7. Textiles(Cotton,Silk, Synthetic)Yam etc.	...	...	...	...	0.00	0.00	0.00	0.00	...	...
8. Hair and wool	...	...	...	...	0.00	0.00	0.00	0.00	...	...
9. Rubber and its products.	...	...	...	...	0.00	0.00	0.00	0.00	...	...
10.Oil, fats etc.	...	...	...	...	0.00	0.00	0.00	0.00	...	...
11.Woodpulp.	...	...	...	...	0.00	0.00	0.00	0.00	...	...
4. Foodgrain (Cereals and Pulses)	...	...	...	...	0.00	0.00	0.00	0.00	...	...
13.Fertiliser & FRM	...	...	...	...	0.00	0.00	0.00	0.00	...	...
14.Industrial Alcohol & Spirits (Non-potable)	...	...	...	...	0.00	0.00	0.00	0.00	...	...
15.Drugs & Medicines	...	...	...	...	0.00	0.00	0.00	0.00	...	...
16.Timber & Log	...	...	...	...	0.00	0.00	0.00	0.00	...	...
17.Others	...	...	...	...	0.00	0.00	0.00	0.00	...	...
a). Mislleneous	...	...	...	...	0.00	0.00	0.00	0.00	...	...
18. All Commodities	795	454	4697	4425	175.11	100.00	106.15	100.00	3.96	2.26
19. Tare Weight	184	0	184	0	40.53	0.00	4.16	0.00	0.92	0.00
20. Transhipment incl.tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	...	...
<b>Grand Total</b>	<b>979</b>	<b>454</b>	<b>4881</b>	<b>4425</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>20.06</b>	<b>10.26</b>

Note: For Kandla port commodity-wise break up of Container Cargo for 2011-12 & 2012-13 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 2011-12 & 2012-13**

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		2011-12	2012-13	2011-12	2012-13	2011-12	2012-13
	2011-12	2012-13	2011-12	2012-13						
1	2	3	4	5	6	7	8	9	10	11
<b>PORT : MUMBAI</b>										
<b>LOADED</b>										
1. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
2. Metal & Metal products	2	38	370	422	1.14	21.59	21.84	24.91	0.54	9.00
3. Tea & Coffee	0	0	0	0	0.00	0.00	0.00	0.00	-	-
4. Foodgrain (Cereals and Pulses)	0	0	1	0	0.00	0.00	0.06	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	4	1	0.00	0.00	0.24	0.06	0.00	0.00
8. Spices	1	0	1	0	0.57	0.00	0.06	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	1	63	83	0.00	0.57	3.72	4.90	0.00	1.20
11.Drugs and Medicines.	0	0	1	1	0.00	0.00	0.06	0.06	-	-
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	14	13	0.00	0.00	0.83	0.77	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	45	114	1360	1151	25.57	64.77	80.28	67.95	3.31	9.90
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	27	572	419	0.00	15.34	33.77	24.73	0.00	6.44
d) Sugar	0	0	139	175	0.00	0.00	8.21	10.33	-	0.00
e) Miscellaneous	45	87	649	557	25.57	49.43	38.31	32.88	6.93	15.62
19. All Commodities	48	153	1814	1671	27.27	86.93	107.08	98.64	2.65	9.16
20. Tare Weight	5	14	5	14	2.84	7.95	0.30	0.83	100.00	100.00
21. Transhipment incl.tare wt.	0	9	0	9	0.00	5.11	0.00	0.53	-	-
<b>Grand Total</b>	<b>53</b>	<b>176</b>	<b>1819</b>	<b>1694</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>2.91</b>	<b>10.39</b>

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

**Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2011-12 & 2012-13**

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							
	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11
<b>PORT : MUMBAI</b>										
<b>UNLOADED</b>										
1. Iron & Steel	55	33	2190	2918	8.42	5.05	14.54	19.37	2.51	1.13
2. Metal & Metal Products.	44	4	1582	231	6.74	0.61	10.50	1.53	2.78	1.73
3. Chemicals	1	0	18	11	0.15	0.00	0.12	0.07	5.56	0.00
4. Paper, Newsprints etc.	2	1	3	1	0.31	0.15	0.02	0.01	66.67	100.00
5. Plastic & its products	7	6	7	7	1.07	0.92	0.05	0.05	100.00	85.71
6. Machinery/Instrument and Transport equipments.	20	6	350	217	3.06	0.92	2.32	1.44	5.71	2.76
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	1	2	1	2	0.15	0.31	0.01	0.01	100.00	100.00
8. Hair and wool	0	0	0	0	0.00	0.00	0.00	0.00	-	-
9. Rubber and its products.	2	0	2	1	0.31	0.00	0.01	0.01	100.00	0.00
10.Oil, fats etc.	0	0	273	0	0.00	0.00	1.81	0.00	0.00	0.00
11.Woodpulp.	0	0	93	104	0.00	0.00	0.62	0.69	0.00	0.00
4. Foodgrain (Cereals and Pulses)	0	0	849	880	0.00	0.00	5.63	5.84	0.00	0.00
13.Fertiliser & FRM	0	0	169	0	0.00	0.00	1.12	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	22	31	0.00	0.00	0.15	0.21	0.00	0.00
17.Others	279	511	8832	10574	42.73	78.25	58.62	70.18	3.16	4.83
a) Fruits	0	0	11	1	0.00	0.00	0.07	0.01	0.00	0.00
b) Synthetic Resin	1	0	1	0	0.15	0.00	0.01	0.00	-	0.00
c) Miscellaneous	278	511	8820	10573	42.57	78.25	58.54	70.17	3.15	4.83
18. All Commodities	411	563	14391	14977	62.94	86.22	95.51	99.40	2.86	3.76
19. Tare Weight	87	81	87	81	13.32	12.40	0.58	0.54	100.00	100.00
20.Transshipment incl.tare wt.	0	9	0	9	0.00	1.38	0.00	0.06	-	100.00
<b>Grand Total</b>	<b>498</b>	<b>653</b>	<b>14478</b>	<b>15067</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>3.44</b>	<b>4.33</b>

Source: Major Ports

Table 2.1.8

## Overseas Cargo of Principal Commodities Unloaded by Country - 2012-13

In '000 Tonnes

Country of Origin/Commodities	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>POL-CRUDE</b>														
Angola			1540					1011	94					2645
Algeria				261									251	512
Argentina														0
Australia														0
Benin														0
Brunei			471											471
CIS (Ex Russia)														0
Denmark														0
Egypt						498							556	1054
Indonesia														0
Iran				1735					4532				4339	10606
Iraq			3602	52		2268		314				1426	8255	15917
Ivory Cost														0
Kuwait								919	1343			1357	8692	12311
Liberia									248					248
Libya						167		404						571
Malaysia		380	511	576									82	1549
Mauritius								135						135
Netherland									90					90
Nigeria		55	2039	605		128		1848	161				4584	9420
Oman													161	161
Pakistan														0
Qatar													1094	1094
Russia														0
Saudi Arabia		0	1214	632				2184	2764			4712	548	12054
Singapore			4313											4313
South Korea														0
Sudan														0
Syria		29												29
Tunisia														0
Turkey				225					423			249		897
U.A.E.		0	408	2813				1180	2251				903	7555
Ukraine												264		264
Venezuela														0
Yemen														0
Other Countries			435	328		5011			426			7471	6978	20649
<b>Total</b>	<b>0</b>	<b>464</b>	<b>14533</b>	<b>7227</b>	<b>0</b>	<b>8072</b>	<b>0</b>	<b>7995</b>	<b>12332</b>	<b>0</b>	<b>0</b>	<b>15479</b>	<b>36443</b>	<b>102545</b>

Table 2.1.8

## Overseas Cargo of Principal Commodities Unloaded by Country - 2012-13

Country of Origin/Commodities	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>POL-PRODUCT</b>														
Bahrain		71									25			96
Belgium											4			4
Bangladesh		39												39
Canada														0
China					2						3			5
France											4			4
Hong Kong					4									4
Indonesia					3			8			1	121		133
Iran														0
Iraq														0
Japan		52												52
North Korea														0
South Korea					3						16	524		543
Kuwait		219									9		55	283
Malaysia			4	4		17	12	3	9	8	17			74
Maldives					39									39
Netherland											32			32
Norway														0
Oman		72		47							11			130
Pakistan											2		13	15
Qatar											42			42
Russia														0
Saudi Arabia								2	15		89	396	80	582
Singapore		79	56	23	26	164	30	83			40		0	501
Taiwan					4						24			28
Thailand														0
Turkey											11			11
Tunisia														0
U.A.E.		186						47	174	214	112	376	175	1284
USA					213			56			104			373
Other Countries	39					51		8			109	381	0	588
<b>Total</b>	<b>39</b>	<b>718</b>	<b>60</b>	<b>74</b>	<b>294</b>	<b>232</b>	<b>42</b>	<b>207</b>	<b>198</b>	<b>222</b>	<b>655</b>	<b>1798</b>	<b>323</b>	<b>4862</b>

Table 2.1.8

## Overseas Cargo of Principal Commodities Unloaded by Country - 2012-13

Country of Origin/Commodities	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>FERTILIZER</b>														
Albania														0
Australia													44	44
Baharain														0
Belarus													0	0
Brazil														0
Canada		56		108		32								196
China	65	53	112	899			22						504	1655
CIS (Ex. Russia)						31								31
Egypt														0
Estonia													204	204
Ethopia														0
Germany				71									28	99
Indonesia			30											84
Iran							25						335	360
Israel				47						47			272	366
Jordan								22	72	31			214	339
Kuwait													0	0
Latvia				29									0	29
Lithuania				108			66						57	231
Malaysia														0
Mexico														0
Morocco													467	467
Netherland														0
Oman				240			229		238				319	1026
Qatar				55									0	55
Romania														0
Russia				117			68		114				139	438
Saudi Arabia				128									446	574
Singapore						80	16							96
South Korea				33					36					69
Soviet Union														0
Sri Lanka														0
Thailand														0
Tunisia														0
Turkey														0
U.A.E.									31				33	64
Ukraine				148			27						207	382
United Kingdom						32								32
USA									28				248	276
Other Countries				40			34					156	107	337
<b>Total</b>	<b>65</b>	<b>109</b>	<b>142</b>	<b>2023</b>	<b>0</b>	<b>175</b>	<b>487</b>	<b>22</b>	<b>519</b>	<b>78</b>	<b>0</b>	<b>156</b>	<b>3678</b>	<b>7454</b>

Table 2.1.8

## Overseas Cargo of Principal Commodities Unloaded by Country - 2012-13

Country of Origin/Commodities	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>FRM-DRY</b>														
Algeria			61											61
Antigua														0
Australia			123											123
Bahrain			98	21									0	119
Brunoi			38											38
Belgium														0
Chile								42						42
China												55		55
Denmark									8			83		91
Egypt		31	194	94			81	13	9				722	1144
Iran			88											88
Israel				34			35							69
Italy														0
Japan							29							29
Jordan		201	1795	79			181						130	2386
Kuwait		18	29	30				82						159
Libya			17											17
Morocco				540			174	128						842
Nauru													31	31
Qatar			161					27					0	188
Russia												27		27
Saudi Arabia		10	183	8				24					0	225
Senegal				33										33
South Africa			175											175
Sri Lanka														0
Sudan							24							24
Syria														0
Togo				196								45		241
Tunisia														0
U.A.E.		0	212	70			48	15					0	345
USA														0
Ukraine														0
Vietnam														0
Yemen														0
Other Countries	29	0	307	0		207	16					146	63	768
<b>Total</b>	<b>29</b>	<b>277</b>	<b>4004</b>	<b>565</b>	<b>0</b>	<b>231</b>	<b>564</b>	<b>331</b>	<b>17</b>	<b>0</b>	<b>0</b>	<b>356</b>	<b>946</b>	<b>7320</b>

Table 2.1.8

## Overseas Cargo of Principal Commodities Unloaded by Country - 2012-13

Country of Origin/Commodities	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>FRM-LIQUID</b>														
Australia				39										39
Bahrain														0
Bangladesh		15												15
Belgium														0
Egypt		6											21	27
Germany														0
Indonesia		7	12											19
Iran			103	31									15	149
Israel				9										9
Japan			343	31										374
Jordan			30											30
Kuwait		7	7	6			8		3				23	54
Malaysia		11	73											84
Mauritius														0
Morocco		291	161					129	98	158			150	987
Oman			14										105	119
Qatar		31	84	48			73	21	39					296
Russia														0
Saudi Arabia			53	38			6						68	165
Senegal													720	720
Singapore			23											23
South Africa								3	10					13
South Korea			138	19										157
Tunisia				40										40
USA								10					459	469
U.A.E.			92	106										198
U.K														0
Ukraine				28									35	63
Other Countries		0	49			31								80
<b>Total</b>	<b>0</b>	<b>368</b>	<b>1249</b>	<b>328</b>	<b>0</b>	<b>31</b>	<b>87</b>	<b>163</b>	<b>150</b>	<b>158</b>	<b>0</b>	<b>0</b>	<b>1596</b>	<b>4130</b>

**Table 2.1.8  
(Contd...)**

**Overseas Cargo of Principal Commodities Unloaded by Country - 2012-13**

Country of Origin/Commodities	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>FOOD GRAIN</b>														
Australia												84		84
Canada	6											664		670
China														0
Dubai														0
Indonesia														0
Japan	11													11
Jordan														0
Myanmar												27		27
Russia														0
Taiwan														0
Vietnam														0
Others												105	1	106
<b>Total</b>	<b>17</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>880</b>	<b>1</b>	<b>898</b>
<b>IRON &amp; STEEL</b>														
Australia													0	0
Bangladesh													39	0
Brazil												51		90
Belgium														24
China	13	102	115	13								1170	49	1629
CIS(Ex. Russia)														10
Egypt														9
France														21
Germany														20
Indonesia														8
Iran													10	13
Italy														2
Japan	22	91	1	11										486
North Korea														792
South Africa														0
South Korea												893	281	5
Malaysia														1191
Myanmar														8
Netherland														4
Panama														0
Romania														0
Russia												3		3
Singapore												266	53	319
Saudi Arabia														81
Spain														2
Sri Lanka	2													0
Swedon														6
Taiwan														0
Thailand														5
Turkey														6
U.A.E.														0
Ukraine														67
UK												345	57	376
USA													22	0
Vietnam														0
Other Countries	20													22
<b>Total</b>	<b>57</b>	<b>246</b>	<b>142</b>	<b>34</b>	<b>0</b>	<b>858</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2830</b>	<b>1031</b>	<b>5198</b>

**Table 2.1.8  
(Contd...)**

**Overseas Cargo of Principal Commodities Unloaded by Country - 2012-13**

Country of Origin/Commodities	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>EDIBLE OIL</b>														
Algeria						8								8
Argentina		258									116		196	570
Brazil		86									6		21	113
China														0
CIS (Ex Russia)						388								388
Egypt						6								6
France														0
Indonesia		782	53	10		486	195		303		337	139	21	2326
Japan			5											5
Macedonia														0
Maldives														0
Malaysia		276	12			141	55		216		261	94	70	1125
Qatar														0
Romania														0
Russia														0
Singapore		10				17					13			40
Saudi Arabia														0
Sydney														0
Thailand		10							10					20
Turkey														0
Ukraine		45						4	91		203		20	363
UAE		12									4		23	39
USA		16									7		42	65
Other Countries	643	28	0			5						6	184	866
<b>Total</b>	<b>643</b>	<b>1523</b>	<b>70</b>	<b>10</b>	<b>0</b>	<b>1051</b>	<b>250</b>	<b>4</b>	<b>620</b>	<b>0</b>	<b>947</b>	<b>239</b>	<b>577</b>	<b>5934</b>
<b>COAL (COKING)</b>														
Australia	9	3464	2627	5753	59				390	3695			277	16274
Canada		69			41					372				482
China														0
CIS (Ex Russia)														0
Colombia														0
Egypt														0
Indonesia			20						2004	122			55	2201
Iran														0
Japan														0
Mozambique		22	22		37				69	342				492
New Zealand		354	141	301										796
Poland														0
Romania					24									24
Russia			50		7									153
Singapore					243				2	94				243
South Africa			74						1629	1203			6	2912
Ukraine			16						86	55				157
USA		594	1282	731	274				152	692				3725
Venezuela									26					26
Vietnam				40										40
Other Countries		0	254							31			36	321
<b>Total</b>	<b>9</b>	<b>4503</b>	<b>4526</b>	<b>6785</b>	<b>685</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4358</b>	<b>6606</b>	<b>0</b>	<b>0</b>	<b>374</b>	<b>27846</b>

**Table 2.1.8  
(Contd...)**

**Overseas Cargo of Principal Commodities Unloaded by Country - 2012-13**

Country of Origin/Commodities	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>COAL (THERMAL)</b>														
Australia			204							108			33	345
China														0
Colombia					89									89
Indonesia			5487		5670		1171	28	2177	474		2067	3338	20412
Malaysia							92							92
Phillipines														0
Russia														0
Singapore										20				20
South Africa					287				376	166		1865	438	3132
Spain														0
Thailand														0
USA													90	90
UAE														0
Ukraine														0
Other Countries			2089									168	165	2422
<b>Total</b>	0	0	7780	0	6046	0	1263	28	2553	768	0	4100	4064	26602
<b>IRON ORE / PELLETS</b>														
Australia													156	156
Bahrain													161	161
Brazil													52	52
China			1											1
Finland													53	53
Oman				87									55	142
Qatar														0
Russia														0
Senegal													83	83
South Africa													72	72
Ukraine													292	292
Vietnam														0
Other Countries						52							1	53
<b>Total</b>	0	0	1	87	0	52	0	0	0	0	0	0	925	1065

**Table 2.1.8  
(Contd...)**

**Overseas Cargo of Principal Commodities Unloaded by Country - 2012-13**

Country of	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>OTHER ORES</b>														
Australia		362		481			272						30	1145
Argentina		17					11							28
Brazil							33							33
Canada							8							8
Chile							678							678
China		114					25							139
Egypt														0
Gabon		94		133										227
Ghana		13		15										28
Indonesia							117		48					165
Iran														0
Japan	8	71												79
Malaysia				8										8
Maxico													10	10
Mozambique							65							65
Oman									105					105
Peru													10	10
Phillipines							8							8
Saudi Arabia							6							6
South Africa		580		401									0	981
Thailand							42							42
Turkey							25							25
UAE							12							12
USA														0
Other Countries	60	0	78									0		138
<b>Total</b>	<b>68</b>	<b>1251</b>	<b>78</b>	<b>1038</b>	<b>0</b>	<b>0</b>	<b>1302</b>	<b>0</b>	<b>153</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50</b>	<b>3940</b>

Table 2.1.9

## Overseas Cargo of Principal Commodities Loaded by Country ( Port-wise) - 2012-13

(In '000 Tonnes)

Country of Origin/Commodities	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>POL-PRODUCT</b>														
Australia									35					35
Argentina											1			1
Bangladesh		10												10
Belgium														0
China											19		130	149
Egypt													169	169
France									38					38
Guyan														0
Hongkong									117					117
Indonesia											2		270	272
Japan								34	549		184		142	909
Jakarta											35			35
Jordan									290					290
Kenya									38				62	100
North Korea														0
South Korea				29				70	225		93		101	518
Liberia												31		31
Malaysia		59		32		35			88		30		183	427
Maldives														0
Malta														0
Mauritius									1238					1238
Namibia												216	32	248
Netherland									751		1			752
Oman		21							48				41	110
Pakistan													33	33
Qatar											1			1
Saudi Arabia									80		29		701	810
Singapore		426		431		914		33	1898		121	392	1953	6168
Sri Lanka				14				93	42				25	174
Slovenia								161						161
Switzerland											11			11
Taiwan				62				301	287		145		136	931
Tanzania														0
U.A.E.		43						21	530		153		1424	2171
Ukarine								266			22			288
USA											1		313	314
Vietnam		5												5
Yemen				32					440					472
Yugoslavia									38					38
Other Countries	9					35		28				2833	383	3288
<b>Total</b>	<b>9</b>	<b>564</b>	<b>0</b>	<b>600</b>	<b>0</b>	<b>984</b>	<b>0</b>	<b>1007</b>	<b>6732</b>	<b>0</b>	<b>848</b>	<b>3472</b>	<b>6098</b>	<b>20314</b>

Table 2.1.9 (Contd.)

## Overseas Cargo of Principal Commodities Loaded by Country (Port-wise) - 2012-13

(In '000 Tonnes)

Country of Origin/Commodities	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>FOOD GRAIN</b>														
Australia														0
Bangladesh	86			32		110								228
Canada														0
China									6					6
Ethopia										32				32
France														0
Indonesia				626		94	46		156	28			88	1038
Iran				10									315	325
Italy														0
Japan														0
Kuwait													117	117
Malaysia				12		17	9		21				10	69
Maldives							12							12
Mozambique													20	20
Oman													147	147
Saudi Arabia													195	195
Singapore						10								10
Somalia													40	40
Sudan													48	48
Taiwan														0
Thailand														0
U.A.E.									21				307	328
Vietnam				405			27						62	494
Other Countries	4					83	34						2433	2554
<b>Total</b>	<b>90</b>	<b>0</b>	<b>0</b>	<b>1085</b>	<b>0</b>	<b>314</b>	<b>128</b>	<b>0</b>	<b>204</b>	<b>60</b>	<b>0</b>	<b>0</b>	<b>3782</b>	<b>5663</b>

Table 2.1.9 Contd.

## Overseas Cargo of Principal Commodities Loaded by Country ( Port-wise) - 2012-13

(In '000 Tonnes)

Country of Origin/Commodities	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>IRON &amp; STEEL</b>														
Algeria														0
Bangladesh			2	27		43						41		113
Belgium				8								103		111
Brazil														0
China		12		15										27
CIS						11								11
Indonesia				1										1
Iran													2	2
Italy				7								37		44
Japan														0
Kenya				1										1
Kuwait													3	3
Malaysia				63										63
Maldives							4							4
Myanmar														0
Oman		9		23										32
Philippines														0
Qatar														0
Saudi Arabia			2	163									22	187
South Korea		20		116										136
Singapore			2	52		2								56
Spain				10										10
Sri Lanka	2	3		15		4								24
Sudan														0
Taiwan				80										80
Tanzania				34										34
Thailand		78		7		123								208
U.A.E.		21		69										90
United Kingdom				11										11
USA												111		111
Vietnam			32	20										52
Other Countries	15			1		47						449		512
<b>Total</b>	<b>17</b>	<b>175</b>	<b>6</b>	<b>723</b>	<b>0</b>	<b>230</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>741</b>	<b>27</b>	<b>1923</b>

Table 2.1.9 Contd.

## Overseas Cargo of Principal Commodities Loaded by Country (Port-wise) - 2012-13

(In '000 Tonnes)

Country of Origin/Commodities	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>IRON ORE</b>														
Bangladesh														0
China	158	1631	1609	3507					26	6945				13876
Itlay										55				55
Japan				1464						415				1879
Kuwait														0
Malaysia														0
South Korea				138										138
Netherlands														0
Pakistan														0
Phillipines														0
Romania														0
Saudi Arabia														0
U.A.E.														0
United Kingdom														0
Vietnam														0
Other Countries														0
<b>Total</b>	158	1631	1609	5109	0	0	0	0	26	7415	0	0	0	15948

Table 2.1.9 (Contd.)

## Overseas Cargo of Principal Commodities Loaded by Country ( Port-wise) - 2012-13

(In '000 Tonnes)

Country of Origin/Commodities	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>OTHER ORES</b>														
Banagladesh			17											17
Balgaria				7										7
Belgium				3										3
Brazil						62								62
China			190	84			50						83	407
France														0
Indonesia													60	60
Iran				7										7
Iraq						4								4
Italy													14	14
Japan			111				36							147
Kuwait														0
Poland													16	16
Singapore						29								29
Spain														0
South Korea														0
Maldives														0
Malaysia						29	19						100	148
Mexico														0
Netherlands							169						21	190
Nigeria						4								4
Qatar				12										12
Saudi Arabia														0
South Africa														0
Tanzania						7								7
Thailand						6								6
USA						238	26							264
Other Countries						503							16	519
<b>Total</b>	0	0	318	113	0	882	300	0	0	0	0	0	310	1923

Table 2.1.10

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

Port	Container Cargo			Tare Weight			Container Traffic		
	2010-11	2011-12	2012-13	2010-11	2011-12	2012-13	2010-11	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10
Kandla	2258	2457	1935	328	335	0	2432	2792	1935
Mumbai*	510	442	716	143	109	113	607	551	829
J.L.Nehru*	47617	49262	47754	8809	8971	10157	53096	58233	57911
Mormugao	182	231	213	38	48	45	229	279	258
N.Mangalore	480	546	585	88	99	107	475	645	692
Cochin	3737	3733	3879	682	982	728	3929	4715	4607
Tuticorin	7261	8295	8445	908	932	927	6599	9227	9372
Chennai**	26148	26751	25060	3273	3325	4648	23477	30076	29708
Visakhapatnam	2245	3532	3841	327	681	713	1678	4213	4554
Paradip	61	92	140	8	17	31	52	109	171
Haldia Dock Complex	2505	2318	2563	330	301	306	2068	2619	2869
Kolkata Dock System*	5405	5899	5976	815	919	984	6645	6818	6960
<b>Total</b>	<b>98409</b>	<b>103558</b>	<b>101107</b>	<b>15749</b>	<b>16719</b>	<b>18759</b>	<b>101287</b>	<b>120277</b>	<b>119866</b>

\*\* includes 83 container cargo and 15 Tare Weight on account of shifting \* Tare weight includes transshipment

Source: Major Ports

**Table 2.1.11 Reefer Container Traffic at Major Ports - 2011-12 & 2012-13**

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
<b>Kolkata Dock System</b>	2011-12	952	12576	2327	65439	877	8247	2243	17762
	2012-13	845	8703	4754	56733	901	8875	4500	19922
<b>Haldia Dock Complex</b>	2011-12	-	-	-	-	-	-	1	29
	2012-13	-	-	-	-	-	-	-	-
<b>Paradip</b>	2011-12	-	-	-	-	-	-	-	-
	2012-13	-	-	-	-	-	-	-	-
<b>Visakhapatnam</b>	2011-12	586	17784	6838	93326	511	2460	3206	8411
	2012-13	582	18241	4583	144743	465	1959	4145	15610
<b>Chennai</b>	2011-12	1213	0	13122	0	1440	0	14048	0
	2012-13	1318	0	18112	0	1745	0	18932	0
<b>Tuticorin</b>	2011-12	649	16224	6114	154124	640	8572	4642	55531
	2012-13	850	20724	5384	130944	324	4821	4210	55757
<b>Cochin</b>	2011-12	1326	13223	14849	199953	1705	4995	12708	39600
	2012-13	720	10485	13902	199270	672	1592	13416	49165
<b>New Mangalore</b>	2011-12	31	676	3266	55972	36	108	3526	7662
	2012-13	47	987	3112	53945	44	141	3242	7052
<b>Mormugao</b>	2011-12	15	55	3410	49730	10	151	3220	10395
	2012-13	5	34	3178	49453	5	53	3104	8964
<b>J.L.Nehru</b>	2011-12	3466	46915	139232	1978212	2640	36577	39666	309606
	2012-13	3997	45140	164832	2421519	3117	42668	67436	375757
<b>Mumbai</b>	2011-12	-	-	-	-	2	34	-	-
	2012-13	-	-	-	-	1	16	2	32
<b>Kandla</b>	2011-12	26	392	-	-	15	245	20	226
	2012-13	-	-	-	-	-	-	-	-
<b>Total</b>	2011-12	8264	107845	189158	2596756	7876	61389	83280	449222
	2012-13	8364	104314	217857	3056607	7274	60125	118987	532259

Note: There is no container traffic at Ennore.

Source: Major Ports

Table 2.1.12

## Level of Containerisation in General Cargo at various Major Ports - 2011-12 &amp; 2012-13

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
<b>KANDLA</b>									
2011-12	1813	979	2792	4401	4881	9282	41.2	20.1	30.1
2012-13	1481	454	1935	7102	4425	11527	20.9	10.3	16.8
<b>MUMBAI</b>									
2011-12	53	498	551	1819	14478	16297	2.9	3.4	3.4
2012-13	176	653	829	1694	15067	16761	10.4	4.3	4.9
<b>J. L. NEHRU</b>									
2011-12	28492	29741	58233	28506	29859	58365	100.0	99.6	99.8
2012-13	27650	30261	57911	27711	30303	58014	99.8	99.9	99.8
<b>MORMUGAO</b>									
2011-12	111	168	279	684	171	855	16.2	98.2	32.6
2012-13	111	147	258	1117	164	1281	9.9	89.6	20.1
<b>NEW MANGALORE</b>									
2011-12	356	289	645	505	909	1414	70.5	31.8	45.6
2012-13	362	330	692	401	847	1248	90.3	39.0	55.4
<b>COCHIN</b>									
2011-12	1854	2861	4715	1855	2967	4822	99.9	96.4	97.8
2012-13	1688	2919	4607	1689	3045	4734	99.9	95.9	97.3
<b>TUTICORIN</b>									
2011-12	6129	3098	9227	7451	5162	12613	82.3	60.0	73.2
2012-13	5887	3485	9372	6796	4666	11462	86.6	74.7	81.8
<b>CHENNAI</b>									
2011-11	14536	15540	30076	16254	16912	33166	89.4	91.9	90.7
2012-13	14604	15104	29708	16088	16374	32462	90.8	92.2	91.5
<b>VISAKHAPATNAM</b>									
2011-12	2046	2167	4213	2891	2642	5533	70.8	82.0	76.1
2012-13	2280	2274	4554	3194	2660	5854	71.4	85.5	77.8
<b>PARADIP</b>									
2011-12	100	9	109	102	264	366	98.0	3.4	29.8
2012-13	156	15	171	163	164	327	95.7	9.1	52.3
<b>KOLKATA DOCK SYSTEM</b>									
2011-12	3255	3563	6818	4254	5007	9261	76.5	71.2	73.6
2012-13	3506	3454	6960	4669	4489	9158	75.1	76.9	76.0
<b>HALDIA DOCK COMPLEX</b>									
2011-12	1279	1340	2619	1280	1636	2916	99.9	81.9	89.8
2012-13	1212	1657	2869	1387	2130	3517	87.4	77.8	81.6
<b>TOTAL</b>									
2011-11	60024	60253	120277	70002	84888	154890	85.7	71.0	77.7
2012-13	59113	60753	119866	72011	84334	156345	82.1	72.0	76.7

Note: Containers were not handled at Ennore Port.

\* Includes tare weight also

Source: Major Ports

**Table 2.1.13 Inland Container Movement At Major Ports - 2011-12 & 2012-13**

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	2011-12	3202	...	5617	...	17961	...	3633	...	30413	...
	2012-13	3651	...	6441	...	19855	...	4179	...	34126	...
Haldia Dock Complex	2011-12	12194	170079	72563	1112949	12048	102001	65811	1161117	162616	2546146
	2012-13	14768	222554	69177	1040199	14336	170090	68179	1323320	166460	2756163
Paradip	2011-12	...	...	...	...	...	...	...	...	...	-
	2012-13	...	...	...	...	...	...	...	...	...	-
Visakhapatnam	2011-12	197	452	127156	2028181	1161	22006	119169	2145061	247683	4195700
	2012-13	...	...	91144	1652337	...	...	91876	1623692	183020	3276029
Chennai	2011-12	-	...	473410	...	27584	...	527328	...	1028322	-
	2012-13	31142	...	607508	...	40116	...	728911	...	1407677	-
Tuticorin	2011-12	-	-	245639	6128807	-	-	231457	3098352	477096	9227159
	2012-13	1400	2473	240101	5885467	222	488	233876	3484017	475599	9372445
New Mangalore	2011-12	70	166	22396	355390	-	-	22543	289749	45009	645305
	2012-13	-	-	24268	362185	30	75	24111	329854	48409	692114
Cochin	2011-12	7348	115500	7629	86839	1092	17681	2	29	16071	220049
	2012-13	1916	35374	6462	69547	1286	6192	0	0	9664	111113
Mormugao	2011-12	-	-	9358	73367	-	-	9888	109542	19246	182909
	2012-13	-	-	7466	73132	-	-	8406	100262	15872	173394
J.L.Nehru(a)	2011-12	185178	3486662	811498	14446013	251022	5242028	852286	14928161	2099984	38102864
	2012-13	202220	3876999	889121	15489364	283992	6007218	940742	17085197	2316075	42458778
Mumbai	2011-12	-	-	1721	8850	-	-	26326	198617	28047	207467
	2012-13	-	-	7097	108854	-	-	26899	396759	33996	505613
Kandla	2011-12	-	-	73988	1771640	-	-	91544	954770	165532	2726410
	2012-13	-	-	-	-	-	-	-	-	-	-
Total	2011-12	208189	3772859	1850975	26012036	310868	5383716	1949987	22885398	4320019	58054009
	2012-13	255097	4137400	1948785	24681085	359837	6184063	2127179	24343101	4690898	59345649

Note:-Containers are not handled at Ennore Port.  
Source: Major Ports

Table 2.1.14

**Inland Container Depot Movement at Major Ports -  
2011-12 & 2012-13**

PORT	2011-12				2012-13			
	ICD Movement			Total Container Traffic	ICD Movement			Total Container Traffic
	Moved in	Moved out	Total		Moved in	Moved out	Total	
1	2	3	4	5	6	7	8	9
Kolkata Dock System	8823	21594	30417	316935	10092	24034	34126	463212
Haldia Dock Complex	0	0	0	115270	70	0	70	137214
Paradip	-	-	0	7853	-	-	0	13072
Visakhapatnam	197	1161	1358	234345	-	-	0	247311
Chennai	38125	45434	83559	1555021	48675	53131	101806	1539275
Tuticorin	19196	6406	25602	477096	9529	1381	10910	475599
Cochin	14977	1094	16071	336839	8378	1286	9664	334925
New Mangalore	0	0	0	45009	0	30	30	48409
Mormugao	0	0	0	22007	0	0	0	20431
J.L.Nehru	185178	251022	436200	4316486	202220	283992	486212	4259314
Mumbai	94	0	94	56276	108	0	108	57670
Kandla	0	0	0	167771	0	0	0	117967
<b>All Ports</b>	<b>266590</b>	<b>326711</b>	<b>593301</b>	<b>7650908</b>	<b>279072</b>	<b>363854</b>	<b>642926</b>	<b>7714399</b>

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

Source: Major Ports

**Table  
2.1.15**

**Selected Physical Performance Indicators - By Type of Vessels - 2011-12&2012-13**

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
<b>1. No. of vessels sailed</b>						
2011-12	1557	4157	7035	3035	5390	21163
2012-13	1453	3577	6828	2855	5138	19851
<b>2. Av. pre-berthing waiting time(days)</b>						
2011-12	3.52	4.12	1.74	2.66	0.77	2.05
2012-13	3.52	4.12	1.93	2.30	0.71	1.79
<b>3. Av. turn round time (days)</b>						
2011-12	5.71	7.68	3.23	6.93	2.17	4.56
2012-13	4.48	7.02	3.72	6.14	2.07	4.29
<b>4. Percentage of idle time at berth to time at working berth</b>						
2011-12	23.8	21.5	23.1	28.9	18.5	23.3
2012-13	22.0	18.9	21.7	28.0	13.6	21.1
<b>5. Av. Output per ship berth day (tonnes)</b>						
2011-12	17740	7712	16533	1989	16968	10575
2012-13	19125	7884	18685	2384	19754	11812

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

\* : Total may not tally with breakups since some vessels are double counted . Details of double counting are given in table 2.1.17.

Source: Major Ports

**Table 2.1.16****Selected Physical Performance Indicators - Major Port-wise -2011-12 & 2012-13**

Item	Kolkata Dock/_1 System	Haldia Dock Comple	Paradip	Visakha-patnam	Ennore /_4	Chennai	Tuti-Corin	Cochin	New Man-galore	Mormu-gao /_2	J.L. Nehru	Mumbai /_3	Kandla	All Ports
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>1. No. of vessels sailed</b>														
2011-12	1203	1982	1328	2432	385	2043	1376	833	1136	785	2929	2017	2714	21163
2012-13	1216	1943	1274	2041	475	1928	1292	875	1072	475	2588	1908	2764	19851
<b>2. Av. pre-berthing waiting time(days)</b>														
2011-12	0.77	2.54	3.69	2.84	0.76	1.16	1.91	1.05	0.79	2.94	1.13	1.37	3.74	2.05
2012-13	0.61	2.29	1.65	2.50	1.33	0.80	1.31	1.09	1.04	1.62	1.31	1.62	3.58	1.79
<b>3. Av. turn round time (days)</b>														
2011-12	5.45	3.62	6.33	5.68	2.17	3.91	4.94	1.82	2.95	7.68	1.94	5.22	6.42	4.56
2012-13	4.72	3.95	4.39	5.39	2.95	3.24	4.31	1.58	3.29	5.06	2.48	5.58	6.33	4.29
<b>4. Percentage of Idle time at berth to time at working berth</b>														
2011-12	35.0	37.0	24.1	24.2	7.4	22.3	26.4	22.0	15.8	20.2	23.7	16.9	15.9	23.3
2012-13	32.9	28.7	19.4	24.7	13.2	21.1	25.7	25.9	15.9	18.4	11.8	15.9	15.7	21.1
<b>5. Av. Output per ship berth day (tonnes)</b>														
2011-12	2503	6728	15995	10704	27505	10352	6733	15784	13957	10530	19227	6476	14272	10575
2012-13	2762	6078	16625	10641	27741	12046	7452	15878	15921	11484	23319	8709	15728	11812

/\_1: Excludes Lighterage Operation. /\_2: Excludes Stream Vessels except for TRT & No. of Vessels. /\_3: Includes stream Vessels

/\_4: 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 -2011-12&2012-13**

Port	Type of Vessel											
	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (Conv.)		Liquid Bulk		All Types	
	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11	12	13
Kolkata Dock System	577	633	327	300	0	0	60	38	239	245	1203	1216
Haldia Dock Complex	291	333	57	89	226	220	555	443	853	858	1982	1943
Paradip	28	32	75	48	376	378	532	507	317	309	1328	1274
Visakhapatnam	351	335	219	193	189	170	958	754	715	589	2432	2041
Ennore	0	0	52	80	241	274	0	0	92	121	385	475
Chennai	789	786	524	499	1	0	222	183	507	460	2043	1928
Tuticorin @	365	351	360	312	130	141	295	267	226	221	1376	1292
Cochin	389	440	35	33	34	31	16	18	359	353	833	875
New Mangalore	80	80	157	70	53	77	153	167	693	678	1136	1072
Mormugao#	48	45	37	75	307	162 #	251	70 #	153	123	785	473#
J.L.Nehru	2233	1846	168	229	0	0	67	45	461	468	2929	2588
Mumbai	14	32	568	475	0	0	333	370	1102	1031	2017	1908
Kandla	225	225	456	452	0	0	715	715	1318	1372	2714	2764
<b>All Ports</b>	<b>5390</b>	<b>5138</b>	<b>3035</b>	<b>2855</b>	<b>1557</b>	<b>1453</b>	<b>4157</b>	<b>3577</b>	<b>7035</b>	<b>6828</b>	21163	19851

@ excluding 57 small vessele handled at Zone "B"

# 2 vessels double counted for dry bulk mech./ dry bulk conv. are counted only once in the total in 2012-13.

Source: Major Ports

Table 2.1.18

## Average Pre-berthing Detention By Type of Vessels - 2011-12 &amp; 2012-13

( In Days )

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11	12	13
Kolkata Dock System	0.61	0.44	0.77	0.69	-	-	1.41	0.57	0.99	0.98	0.77	0.61
Haldia Dock Complex	0.70	0.69	4.55	3.51	1.60	1.20	3.08	2.85	2.94	2.78	2.54	2.29
Paradip	1.12	1.51	6.35	2.16	2.39	1.00	5.81	2.48	1.28	1.00	3.69	1.65
Visakhapatnam	0.81	0.54	3.94	2.85	4.84	3.57	3.48	3.10	2.11	2.42	2.84	2.50
Ennore	-	-	1.21	0.96	0.91	1.17	-	-	0.11	1.95	0.76	1.33
Chennai	0.68	0.35	0.87	0.50	0.76	0.00	1.00	0.68	2.28	1.93	1.16	0.80
Tuticorin	0.43	0.54	2.76	1.66	2.41	2.36	3.05	1.73	1.14	0.91	1.91	1.31
Cochin	0.98	1.03	0.34	0.50	2.54	4.28	0.53	0.15	1.07	0.98	1.05	1.09
New Mangalore	0.05	0.06	0.48	0.69	0.44	0.59	0.53	0.48	1.03	1.38	0.79	1.04
Mormugao	0.05	0.04	0.81	0.69	4.77	3.08	2.88	2.09	0.80	0.54	2.94	1.62
J.L.Nehru	0.83	0.96	1.03	0.32	-	-	1.94	0.62	2.55	3.23	1.13	1.31
Mumbai	1.25	0.47	1.64	1.89	-	-	0.47	0.52	1.50	1.92	1.37	1.62
Kandla	1.38	0.89	7.76	7.81	-	-	5.82	4.87	1.62	1.94	3.74	3.58
<b>All Ports</b>	<b>0.77</b>	<b>0.71</b>	<b>2.66</b>	<b>2.30</b>	<b>3.52</b>	<b>3.52</b>	<b>4.12</b>	<b>4.12</b>	<b>1.74</b>	<b>1.93</b>	<b>2.05</b>	<b>1.79</b>

Source: Major Ports

**Table 2.1.19****Average Turn Round Time - By Type Of Vessels - 2011-12 & 2012-13**

(In Days)

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11	12	13
Kolkata Dock System	4.21	3.93	8.68	7.26	-	-	6.47	6.00	3.77	3.47	5.45	4.72
Haldia Dock Complex	2.43	2.20	7.28	7.44	4.06	3.79	5.14	5.88	2.67	3.30	3.62	3.95
Paradip	2.59	3.64	10.41	6.06	4.49	3.10	9.36	6.34	2.80	2.58	6.33	4.39
Visakhapatnam	1.95	1.51	7.95	6.77	7.55	5.96	7.43	7.46	3.96	4.34	5.68	5.39
Ennore	0.00	0.00	1.60	1.70	2.71	3.23	0.00	0.00	1.06	3.15	2.17	2.95
Chennai	2.46	1.83	4.33	3.38	2.90	0.00	6.39	5.74	4.64	4.49	3.91	3.24
Tuticorin	1.54	1.68	6.70	5.24	6.64	6.86	7.60	6.28	3.21	3.38	4.94	4.31
Cochin	0.96	0.73	3.74	5.09	5.90	6.02	6.16	4.10	1.98	1.80	1.82	1.58
New Mangalore	1.62	1.54	3.43	3.95	2.52	3.24	4.04	4.11	2.78	3.24	2.95	3.29
Mormugao	1.95	1.42	5.33	4.47	9.78	7.39	9.93	8.28	2.13	1.85	7.68	5.06
J.L.Nehru	1.77	2.02	1.61	1.34	0.00	0.00	4.16	4.59	2.59	4.68	1.94	2.48
Mumbai	4.72	2.57	6.19	5.89	0.00	0.00	8.95	8.70	3.61	4.40	5.22	5.58
Kandla	3.00	2.02	12.72	12.70	0.00	0.00	9.00	8.32	3.42	3.91	6.42	6.33
<b>All Ports</b>	<b>2.17</b>	<b>2.07</b>	<b>6.93</b>	<b>6.14</b>	<b>5.71</b>	<b>4.48</b>	<b>7.68</b>	<b>7.02</b>	<b>3.23</b>	<b>3.72</b>	<b>4.56</b>	<b>4.29</b>

Source: Major Ports

**Table 2.1.20****Percentage Of Idle Time At Working Berth To Time At Working Berth - By Type Of Vessels - 2011-12 & 2012-13**

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11	12	13
Kolkata Dock System	22.1	22.6	39.5	36.5	-	-	45.1	50.3	41.1	41.6	35.0	32.9
Haldia Dock Complex	28.7	29.0	23.6	23.1	39.1	32.2	43.6	26.2	33.4	32.2	37.0	28.7
Paradip	22.2	33.1	58.5	24.7	31.8	28.8	21.3	19.4	-	-	24.1	19.4
Visakhapatnam	17.3	15.6	22.6	26.6	41.5	38.4	21.0	22.1	30.1	28.7	24.2	24.7
Ennore	-	-	-	-	9.6	15.8	-	-	-	-	7.4	11.7
Chennai	-	-	38.6	37.7	42.9	-	27.9	26.0	18.6	17.7	22.3	21.1
Tuticorin	1.1	-	36.4	38.3	14.5	13.1	29.0	30.8	24.6	22.0	26.4	25.7
Cochin	27.5	36.3	22.5	26.8	8.0	9.7	39.2	29.2	21.6	25.7	22.0	25.9
New Mangalore	15.9	14.3	19.7	18.3	18.9	12.9	14.3	16.5	14.6	15.7	15.8	15.9
Mormugao	7.1	10.8	14.3	19.4	18.3	13.1	21.6	21.2	32.5	35.7	20.2	18.4
J.L.Nehru	26.6	8.1	13.7	18.5	-	-	7.3	7.0	19.8	21.2	23.7	11.8
Mumbai	25.9	27.2	25.7	30.4	-	-	5.2	6.2	23.5	18.2	16.9	15.9
Kandla	25.0	28.0	9.0	9.4	-	-	13.0	12.5	22.1	21.0	15.9	15.7
<b>All Ports</b>	<b>18.5</b>	<b>13.6</b>	<b>28.9</b>	<b>28.0</b>	<b>23.8</b>	<b>21.6</b>	<b>21.5</b>	<b>18.9</b>	<b>23.1</b>	<b>21.7</b>	<b>23.3</b>	<b>21.0</b>

Source: Major Ports

Table 2.1.21

## Average Output Per Ship Berthday - By Type Of Vessels - 2011-12 &amp; 2012-13

( Tonnes )

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11	12	13
Kolkata Dock System	5768	5490	1833	1702	0	0	1892	1680	2817	2907	2503	2762
Haldia Dock Complex	5369	5932	816	1447	8242	9355	6484	5459	8608	7118	6728	6078
Paradip	2717	2774	848	890	22956	24314	10503	10012	37757	39445	15995	16625
Visakhapatnam	11511	15143	1635	1741	26087	28079	8956	8520	16098	15317	10704	10641
Ennore	0	0	25398	32614	31395	32861	0		7768	8889	27505	27741
Chennai	22077	27160	1783	2023	13717	0	6888	6960	12840	13589	10352	12046
Tuticorin	24004	24275	1781	24275	10754	10547	6064	7071	3934	3660	6733	7452
Cochin	19988	17936	870	775	3458	3538	4018	3840	22762	24621	15784	15878
New Mangalore	5359	6085	1133	1311	19097	19985	12172	11629	20259	21010	13957	15921
Mormugao	2659	3647	3469	3734	16916	19029	6394	7069	7265	6971	10530	11484
J.L.Nehru	23763	32841	742	494	0	0	3832	3417	10994	9517	19227	23319
Mumbai	3645	3539	2385	2764	0	0	4626	4705	14115	41611	6476	8709
Kandla	8407	8653	3713	4294	0	0	11831	13783	25309	25186	14272	15728
<b>All Ports</b>	<b>16968</b>	<b>19754</b>	<b>1989</b>	<b>2384</b>	<b>17740</b>	<b>19125</b>	<b>7712</b>	<b>7884</b>	<b>16533</b>	<b>18685</b>	<b>10575</b>	<b>11812</b>

Source: Major Ports

Table 2.1.22

## Commodity-wise Average Pre-Berthing Detention - 2011-12 &amp; 2012-13

(In Days)

Port	Year	Kolkata Dock System\$	Haldia Dock Comple	Paradip	Visakhak hapatna m	Ennore	Chennai	Tuticorin	Cochin	New Mangalore	Mormuga o	J L Nehru	Mumbai	Kandla	
Commodity	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL(Crude)	2012-13	-	1.25	1.76	2.10	-	4.30	-	0.82	1.33	-	3.31	2.90	1.31	
	2011-12	-	0.93	1.98	0.89	-	3.60	-	1.21	1.21	-	1.93	2.34	1.56	
POL(Product)	2012-13	0.65	2.84	0.62	1.68	-	2.07	0.61	1.07	1.40	0.42	-	1.43	1.76	
	2011-12	0.81	3.32	0.84	1.47	-	2.89	1.27	1.21	1.04	0.87	-	1.12	1.75	
LPG	2012-13	-	5.09	-	12.57	-	-	1.16	-	1.75	-	-	-	6.89	
	2011-12	-	5.96	-	11.85	-	-	0.67	-	1.20	-	-	-	4.20	
Iron Ore	2012-13	-	3.79	1.89	3.24	-	0.00	-	-	0.41	2.83	-	-	2.91	
	2011-12	-	5.30	8.77	5.10	-	0.80	2.11	-	0.27	4.67	-	-	2.32	
Coking Coal	2012-13	-	1.40	2.17	2.54	-	0.00	-	-	0.54	2.83	-	-	3.38	
	2011-12	-	0.77	3.25	3.16	-	0.66	-	-	0.49	2.54	-	-	2.54	
Thermal Coal	2012-13	-	0.81	0.53	0.63	1.17	0.00	2.37	0.14	0.34	2.38	-	-	1.95	
	2011-12	-	0.82	0.28	0.93	0.91	0.77	2.43	1.90	-	1.69	-	-	3.77	
Fertilisers	2012-13	0.43	10.88	1.21	6.81	-	0.42	1.35	0.21	0.68	0.53	-	1.48	2.34	
	2011-12	3.49	1.27	0.37	4.19	-	0.91	2.09	0.29	0.90	-	-	3.14	2.01	
FRM (Dry)	2012-13	-	3.59	2.18	2.63	-	0.59	2.14	3.23	1.11	-	-	0.40	8.63	
	2011-12	-	3.95	3.01	2.69	-	0.81	2.09	2.02	0.27	-	-	0.00	9.08	
Other Dry Bulk	2012-13	0.22	2.66	2.62	3.46	-	0.58	1.69	3.56	0.64	2.77	0.62	2.34	5.74	
	2011-12	-	2.81	5.91	3.36	-	1.01	3.36	2.05	0.77	0.58	1.94	1.89	7.51	
Other Lqd. Bulk	2012-13	1.14	2.36	0.92	0.71	1.95	0.61	1.01	0.41	0.64	0.91	3.12	1.73	2.15	
	2011-12	1.10	2.25	1.31	1.47	0.11	0.67	1.21	0.38	0.65	0.69	3.14	1.44	1.44	
General Cargo	2012-13	0.59	2.90	2.16	2.85	0.96	0.50	1.68	0.50	0.69	0.69	0.32	1.89	7.81	
	2011-12	0.58	4.55	6.35	3.94	1.21	0.87	2.48	0.34	0.48	0.81	1.03	1.64	7.76	
Containers	2012-13	0.44	0.69	1.51	0.54	-	0.35	0.54	1.03	0.06	0.04	0.96	0.47	1.03	
	2011-12	0.61	0.70	1.12	0.81	-	0.68	0.61	0.98	0.05	0.05	0.83	1.25	1.38	
<b>Total</b>	2012-13	0.59	2.29	1.65	2.50	1.33	0.80	1.26	1.09	1.04	1.61	1.30	1.62	3.58	
	2011-12	0.77	2.54	3.69	2.84	0.76	1.16	1.91	1.05	0.79	2.94	1.13	1.37	3.74	

(a) Included in POL Products \$ Excludes vessels engaged in lighterage operations of dry cargo at a`

Source: Major Ports

**Table 2.1.23 Commodity-wise Average Turn Round Time 2011-12 & 2012-13**

(In Days)

Port --->	Year	Kolkata Dock System\$	Haldia Dock Complex	Paradip	Visakhak hapatnam	Ennore	Chennai	Tuticorin	Cochin	New Manglore	Mormugao	J.L.Nehru	Mumbai	Kandla
Commodity	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL (Crude)	2012-13	-	1.39	3.71	3.88	-	6.64	-	1.47	3.17	-	4.95	4.71	3.12
	2011-12	-	1.49	4.02	2.64	-	5.64	-	1.75	2.67	-	2.22	4.56	3.48
POL(Product)	2012-13	2.86	3.19	1.93	3.71	-	4.81	2.05	2.14	3.26	1.80	-	5.28	3.84
	2011-12	3.43	2.27	2.01	3.46	-	5.21	2.95	2.37	2.73	2.27	-	3.56	3.84
LPG	2012-13	-	2.61	-	15.49	-	-	3.00	-	4.68	-	-	-	10.85
	2011-12	-	2.25	-	14.40	-	-	2.15	-	3.93	-	-	-	7.41
Iron Ore	2012-13	-	5.71	5.23	5.60	-	0.00	-	-	3.08	9.84	-	5.54	6.35
	2011-12	-	6.08	11.85	7.84	-	3.65	4.82	-	2.40	11.62	-	4.12	4.75
Coking Coal	2012-13	-	4.03	5.92	7.00	-	0.00	-	-	3.27	9.00	-	8.04	6.44
	2011-12	-	3.36	7.29	7.20	-	4.73	-	-	3.21	6.08	-	6.00	4.73
Thermal Coal	2012-13	-	3.33	2.20	2.54	3.23	0.00	6.87	5.84	3.58	5.43	-	8.16	6.40
	2011-12	-	2.96	1.74	2.84	2.71	5.10	6.71	4.43	-	4.30	-	9.66	8.30
Fertilisers	2012-13	11.03	14.70	8.71	12.98	-	8.50	9.36	5.64	6.50	5.98	-	26.05	6.96
	2011-12	16.86	6.06	6.61	9.49	-	9.93	8.26	9.62	7.32	4.68	-	30.05	6.66
FRM (Dry)	2012-13	-	7.43	5.23	8.67	-	5.16	7.01	11.06	3.36	-	-	11.74	11.73
	2011-12	-	8.16	5.98	9.72	-	5.67	6.50	10.72	2.38	-	-	13.07	12.90
Other Dry Bulk	2012-13	6.76	5.75	6.53	8.19	-	5.21	6.02	3.65	5.25	7.09	4.59	12.02	8.80
	2011-12	6.38	5.56	9.30	7.59	-	5.30	7.61	4.06	4.54	4.06	5.95	11.42	10.38
Other Lqd. Bulk	2012-13	3.77	3.53	2.55	2.12	3.15	3.06	4.27	1.00	1.92	1.99	4.42	3.38	4.05
	2011-12	3.95	3.33	2.89	2.95	1.06	3.31	3.64	1.04	1.79	1.86	2.94	3.14	2.97
General Cargo	2012-13	6.72	6.88	6.06	6.78	1.70	3.38	5.24	5.09	3.95	4.48	1.34	5.89	12.69
	2011-12	7.26	7.35	10.41	7.95	1.60	4.33	6.01	3.74	3.43	5.33	1.61	6.19	12.72
Containers	2012-13	3.93	2.20	3.64	1.51	-	1.83	1.68	0.73	1.54	1.42	2.02	2.57	2.34
	2011-12	4.21	2.43	2.59	1.95	-	2.46	1.99	0.96	1.62	1.95	1.77	4.72	3.00
<b>Total</b>	2012-13	4.49	3.95	4.39	5.39	2.95	3.24	4.17	1.58	3.29	5.06	2.48	5.58	6.33
	2011-12	5.45	3.62	6.33	5.68	2.17	3.91	4.94	1.82	2.95	7.68	1.94	5.22	6.42

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

Source: Major Ports

Table 2.1.24

## Commodity-wise Average Non-Working Time at Berth - 2011-12 &amp; 2012-13

(In Days)

Port --->	Year	Kolkata Dock System	Haldia Dock Complex	Paradip	Visakhakhapatnam	Ennore	Chennai	Tuticorin	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)	2012-13	-	0.32	...	0.43	-	0.29	-	0.42	0.25	-	0.32	0.36	0.19	
	2011-12	-	0.42	...	0.57	-	0.34	-	0.29	0.22	-	0.17	0.37	0.17	
POL(Product)	2012-13	0.74	0.50	...	0.58	-	0.43	0.46	0.43	0.33	0.45	-	0.39	0.52	
	2011-12	0.82	0.43	...	0.58	-	0.42	0.55	0.47	0.29	0.42	-	0.44	0.44	
LPG	2012-13	-	0.52	-	0.63	-	-	0.43	...	0.28	-	-	-	0.48	
	2011-12	-	0.42	-	0.56	-	-	0.43	...	0.25	-	-	-	0.50	
Iron Ore	2012-13	-	1.21	1.36	0.72	...	0.00	-	-	0.47	1.34	-	-	0.29	
	2011-12	-	1.84	1.20	0.78	...	1.05	0.13	-	0.41	1.46	-	-	0.32	
Coking Coal	2012-13	-	0.60	0.59	0.99		0.00	-	-	0.31	0.27	-	-	0.32	
	2011-12	-	0.93	0.68	0.83		1.18	-	-	0.32	0.53	-	-	0.26	
Thermal Coal	2012-13	-	0.95	0.66	0.50	0.31	0.00	0.58	1.10	0.42	0.55	-		0.16	
	2011-12	-	0.81	0.63	0.50	0.17	1.12	0.63	0.94	-	0.38	-		0.25	
Fertilisers	2012-13	2.27	2.35	1.57	1.27	-	1.77	2.16	1.20	1.18	0.88	-	6.57	0.31	
	2011-12	5.97	1.06	1.48	0.92	-	2.59	1.47	3.24	0.84	0.52	-	4.04	0.33	
FRM (Dry)	2012-13	-	1.61	-	1.50	-	1.10	1.47	0.56	0.63	-	-	0.48	0.30	
	2011-12	-	2.18	-	1.66	-	1.41	1.28	0.29	0.50	-	-	0.66	0.27	
Other Dry Bulk	2012-13	1.56	0.97	0.76	0.95	-	1.09	1.31	0.83	0.78	0.66	0.27	1.88	0.31	
	2011-12	1.78	1.37	0.69	0.75	-	1.04	1.25	0.99	0.63	0.43	0.24	1.51	0.31	
Other Lqd. Bulk	2012-13	0.70	0.46	-	0.38	-	0.46	0.62	0.36	0.24	0.34	0.24	0.35	0.35	
	2011-12	0.73	0.54	-	0.36	-	0.47	0.47	0.19	0.18	0.34	0.36	0.36	0.35	
General Cargo	2012-13	1.75	1.08	0.94	1.00	-	1.03	1.33	1.33	0.59	0.70	0.17	1.07	0.33	
	2011-12	1.99	1.46	2.33	0.87	-	1.28	1.23	0.81	0.57	0.63	0.15	0.99	0.32	
Containers	2012-13	0.44	0.42	0.64	0.14	-	*	0.00	0.21	0.20	0.14	0.08	0.35	0.32	
	2011-12	0.44	0.48	0.31	0.18	-	*	0.10	0.17	0.24	0.13	0.30	0.71	0.37	
<b>Total</b>	2012-13	<b>0.80</b>	<b>0.66</b>	<b>0.52</b>	<b>0.67</b>	<b>0.18</b>	<b>0.82</b>	<b>0.71</b>	<b>0.37</b>	<b>0.34</b>	<b>0.62</b>	<b>0.12</b>	<b>0.57</b>	<b>0.34</b>	
	2011-12	<b>1.16</b>	<b>0.84</b>	<b>0.62</b>	<b>0.63</b>	<b>0.10</b>	<b>0.96</b>	<b>0.77</b>	<b>0.33</b>	<b>0.33</b>	<b>0.95</b>	<b>0.29</b>	<b>0.57</b>	<b>0.34</b>	

Source: Major Ports

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

\* Excludes container vessels

Excludes FRM and oil vessels handled mechanically in Paradip total

Table 2.1.25

## Commodity-wise Output per Ship Berth Day - 2011-12 &amp; 2012-13

(In Tonnes)

Port Commodity	Year	Kolkata Dock System\$	Haldia Dock Complex	Paradip	Visakhap atnam	Ennore	Chennai	Tuticorin	Cochin	New Mangalore	Mormuga o	J.L.Nehru	Mumbai	Kandla	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL(Crude)	2012-13	-	34297	109806	59509	-	48558	-	71109	59618	-	13503	52390	100478	
	2011-12	-	31493	107296	50142	-	41677	-	64802	61007	-	16033	51456	110184	
POL(Product)	2012-13	3534	10056	61628	9426	-	8172	6594	9273	20983	6899	-	5082	2900	
	2011-12	3484	11078	13413	8788	-	7394	6015	9107	21629	7303	-	7545	15872	
LPG	2012-13	-	10064	-	8214	-	-	3621	...	4445	-	-	-	2578	
	2011-12	-	9653	-	8016	-	-	4207	...	4811	-	-	-	4854	
Iron Ore	2012-13	-	6086	11709	25342	-	0	-	-	18390	11560	-	8353	23744	
	2011-12	-	4703	13636	19858	-	9237	6254	-	22826	10490	-	10326	17757	
Coking Coal	2012-13	-	10129	10872	12350	-	0	-	-	17504	24117	-	4161	23944	
	2011-12	-	10859	11112	12267	-	7263	-	-	18258	18393	-	5413	18328	
Thermal Coal	2012-13	-	8250	27502	17896	27662	0	10595	5000	25080	12568	-	5635	30894	
	2011-12	-	9504	33903	17130	31395	10148	10542	6897	-	16480	-	5002	22015	
Fertilisers	2012-13	710	1597	6352	5511	-	3933	4793	4074	5315	3627	-	1082	13225	
	2011-12	592	3832	4520	5727	-	2989	4881	3053	5073	5112	-	952	12221	
FRM (Dry)	2012-13	-	2660	15652	4246	-	3646	6893	2961	3834	-	-	1771	9723	
	2011-12	-	2397	16317	4596	-	3482	6819	2740	5084	-	-	1626	8742	
Other Dry Bulk	2012-13	1180	5121	9877	7016	-	8345	7193	4632	3621	8636	3417	2177	11708	
	2011-12	1229	6777	10036	7627	-	8746	5570	4511	4977	8570	3832	2435	9459	
Other Liquid Bulk	2012-13	2650	4340	9557	6500	8889	3454	2985	6283	5822	7442	5567	4379	15974	
	2011-12	2489	4295	9425	6279	7768	3089	1543	5536	6088	7308	5750	3450	8916	
General Cargo	2012-13	630	1513	890	1740	32614	2023	1779	775	1311	3734	503	2764	4294	
	2011-12	610	816	848	1633	25398	1783	2792	870	1133	3469	742	2385	3713	
Containers	2012-13	5477	5932	2774	15169	-	27160	24294	17936	6085	3647	32824	3539	8653	
	2011-12	5762	5369	2717	11511	-	22077	24004	19988	5359	2659	23763	3667	8407	
<b>Total</b>	2012-13	2985	6078	16927	10646	24497	12046	7621	15878	15921	11484	23287	6912	15728	
	2011-12	2787	6728	15995	10704	27505	10352	6733	15784	13957	10533	19227	6476	14272	

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

(a) Includes Pellets  
Source: Major Ports

(b) Includes NSICT also

(c) Includes NSICT &amp; GTIPL also

Table 2.1.26

**Average Pre-berthing Detention on Port & Non Port  
Account - Major Port-wise - 2011-12 & 2012-13**

(In Days)

Port	2011-12			2012-13		
	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	0.77	0.04	0.73	0.61	0.00	0.61
Haldia Dock Complex	2.54	0.54	2.00	2.29	0.84	1.45
Paradip	3.69	0.05	3.64	1.65	0.05	1.60
Visakhapatnam	2.84	0.09	2.75	2.50	0.06	2.44
Ennore	0.76	0.00	0.76	1.33	0.00	1.33
Chennai	1.16	0.04	1.12	0.80	0.04	0.76
Tuticorin	1.91	0.80	1.11	1.31	0.35	0.96
Cochin	1.05	0.15	0.90	1.09	0.06	1.03
New Mangalore	0.79	0.04	0.75	1.04	0.05	0.99
Mormugao	2.94	0.60	2.35	1.61	0.69	0.92
J.L.Nehru	1.13	0.35	0.78	1.31	0.37	0.93
Mumbai	1.37	0.25	1.12	1.62	0.25	1.36
Kandla	3.74	1.78	1.96	3.58	2.03	1.55
<b>All Ports</b>	2.05	0.45	1.60	1.79	0.50	1.29

Source: Major Ports

**Table 2.1.27**
**Reason-wise, Major Port-wise Average Pre-berthing Detention - 2012 - 13**

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	
<b>Kolkata Dock System</b>												
1.	Container	633	-	-	-	-	-	0.11	-	7.90	8.00	
2.	Break Bulk	300	-	-	0.08	0.17	-	2.40	-	9.68	12.33	
3.	Dry Bulk(C)	38	-	-	-	-	-	-	-	0.42	0.42	
4.	Liquid Bulk	245	-	-	-	-	-	3.85	-	19.68	23.52	
Total		1216	-	-	0.02	-	-	2.69	-	10.52	13.23	
<b>Haldia Dock Complex</b>												
1.	Container	333	4.40	-	-	-	-	6.05	-	6.01	16.46	
2.	Break Bulk	89	21.46	-	-	-	-	53.09	-	9.69	84.24	
3.	Dry Bulk(M)	220	7.34	-	-	-	-	11.78	-	9.74	28.86	
4.	Dry Bulk(C)	443	22.64	-	-	-	-	36.52	-	9.24	68.41	
5.	Liquid Bulk	858	28.01	-	-	-	-	27.81	-	10.97	66.79	
Total		1943	20.10	-	-	-	-	25.41	-	9.53	55.04	
<b>Paradip</b>												
1.	Container	32	0.31	-	-	-	-	35.28	-	0.56	36.16	
2.	Break Bulk	48	0.54	-	-	-	-	49.71	-	1.52	51.77	
3.	Dry Bulk(M)	378	0.10	-	-	-	-	22.24	-	1.60	23.93 *	
4.	Dry Bulk (C)	507	0.36	-	-	-	-	57.64	-	1.57	59.56	
5.	Liquid Bulk	309	0.00	-	-	-	-	23.53	-	0.50	24.04	
Total		1274	0.20	-	-	-	-	38.00	-	1.29	39.49	

(M) Mechanised. (C) Conventional.

**Table 2.1.27(Contd...)**

**Reason-wise, Major Port-wise Average Pre-berthing Detention - 2012 - 13**

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
<b>Visakhapatnam</b>											
1.	Container	335	0.40	-	-	-	-	7.55	-	4.94	12.89
2.	Break Bulk	193	0.96	-	-	-	-	39.96	-	27.51	68.43
3.	Dry Bulk(M)	170	1.69	-	-	-	-	29.82	-	54.33	85.84
4.	Dry Bulk(C)	754	1.23	-	-	-	-	37.62	-	35.62	74.47
5.	Liquid Bulk	589	0.49	-	-	-	-	17.77	19.23	20.53	58.02
Total		2041	0.89	-	-	-	-	26.53	5.55	27.02	59.99
<b>Ennore*</b>											
1.	Container	-	-	-	-	-	-	-	-	-	-
2.	Break Bulk	-	-	-	-	-	-	-	-	-	-
3.	Dry Bulk(M)	274	-	-	0.07	-	-	27.97	-	-	28.04
4.	Dry Bulk(C)	-	-	-	-	-	-	-	-	-	-
5.	Liquid Bulk	121	-	-	0.01	-	-	46.78	-	-	46.79
6.	Other	80	-	-	0.02	-	-	23.02	-	-	23.04
Total		475	-	-	0.05	-	-	31.93	-	-	31.98
<b>Chennai</b>											
1.	Container	786	-	-	-	0.73	-	7.70	-	-	8.44
2.	Break Bulk	499	-	-	-	0.85	-	11.13	-	-	11.98
3.	Dry Bulk(M)	0	-	-	-	-	-	-	-	-	-
4.	Dry Bulk(C)	183	-	-	-	1.38	-	14.87	-	-	16.25
5.	Liquid Bulk	460	-	-	-	1.02	-	45.22	-	-	46.24
Total		1928	-	-	-	0.89	-	18.22	-	-	19.12

(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 - 2012-13

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
<b>Tuticorin</b>											
1.	Container	351	0.05	-	-	-	-	10.75	-	2.11	12.91
2.	Break Bulk	312	11.63	-	-	-	-	17.96	-	4.91	34.50
3.	Dry Bulk(M)	141	0.57	-	-	-	-	25.60	-	30.39	56.56
4.	Dry Bulk(C)	267	19.61	-	-	-	-	15.35	-	6.53	41.49 *
5.	Liquid Bulk	221	6.18	-	-	-	-	13.76	-	1.94	21.88
Total		1292	7.99	-	-	-	-	15.58	-	6.75	30.33
<b>Cochin</b>											
1.	Container	440	1.01	-	-	-	-	17.53	-	6.18	24.72
2.	Break Bulk	33	-	-	-	-	-	3.88	-	8.13	12.01
3.	Dry Bulk(M)	31	0.62	-	-	-	-	84.66	-	17.50	102.78
4.	Dry Bulk(C)	18	-	-	-	-	-	2.14	-	1.50	3.64
5.	Liquid Bulk	353	2.30	-	-	-	-	17.20	-	4.03	23.53
Total		875	1.46	-	-	-	-	18.94	-	5.69	26.09
<b>New Mangalore</b>											
1.	Container	80	-	-	-	-	-	1.04	-	0.31	1.35
2.	Break Bulk	70	-	-	-	-	-	13.39	-	3.13	16.51 *
3.	Dry Bulk(M)	77	-	-	-	-	-	12.83	0.77	0.45	14.05
4.	Dry Bulk(C)	167	0.24	-	-	-	-	10.75	-	0.62	11.60
5.	Liquid Bulk	678	1.76	-	-	-	-	31.01	-	0.40	33.17
Total		1072	1.15	-	-	-	-	23.16	0.06	0.61	24.97
<b>Mormugao#</b>											
1.	Container	45	-	-	-	0.87	-	-	-	0.11	0.98
2.	Break Bulk	75	10.96	-	-	0.41	-	3.83	-	0.96	16.16
3.	Dry Bulk(M)	162	33.53	-	-	0.19	-	20.08	3.38	0.98	58.16
4.	Dry Bulk(C)	70	7.59	-	-	0.13	-	-	4.33	18.30	30.34
5.	Liquid Bulk	123	5.95	-	-	1.00	-	3.65	2.20	0.06	12.85
Total		475	15.83	-	-	0.49	-	8.40	2.36	3.21	30.28

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

Table 2.1.27(Contd...)

## Reason-wise, Major Port-wise Average Pre-berthing Detention - 2012-13

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
<b>J.L.Nehru</b>											
1.	Container	1846	0.05	-	0.04	0.02	0.38	0.80	-	21.69	22.98
2.	Break Bulk	229	-	-	0.03	0.05	0.42	0.18	-	7.02	7.68
3.	Dry Bulk(C)	45	-	-	0.01	0.34	2.41	0.28	-	11.83	14.88
4.	Liquid Bulk	468	-	-	0.03	0.01	0.86	0.13	-	76.49	77.52
Total		2588	0.04	-	0.03	0.02	0.51	0.62	-	30.13	31.35
<b>Mumbai</b>											
1.	Container	32	0.91	-	-	-	-	9.45	-	1.00	11.36
2.	Break Bulk	475	0.88	-	-	-	-	43.47	-	0.98	45.33
3.	Dry Bulk(C)	370	0.12	-	-	-	-	12.31	-	0.15	12.58
4.	Liquid Bulk	1031	10.79	-	-	-	-	34.43	-	0.91	46.13
Total		1908	6.09	-	-	-	-	31.97	-	0.78	38.84
<b>Kandla</b>											
1.	Container	225	3.10	-	-	-	-	14.08	-	4.22	21.40
2.	Break Bulk	452	109.83	-	-	-	-	74.54	-	3.09	187.46
3.	Dry Bulk(C)	715	82.61	-	-	-	-	31.03	-	3.35	116.99
4.	Liquid Bulk	1372	18.22	-	-	-	-	26.68	-	1.76	46.66
Total		2764	48.63	-	-	-	-	34.60	-	2.59	85.82

P- Provisional (C) Conventional.

Source: Major Ports

Table 2.1.28

## Average Berth Occupancy For Major-Ports-2001-02 to 2012-13

Port	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11	12	13
KANDLA	72.3	70.5	69.8	69.1	73.5	71.0	71.0	66.9	72.0	69.7	70.5	73.6
MUMBAI	58.4	57.0	57.5	60.6	61.1	64.4	65.4	65.5	50.6	63.9	57.2	50.8
J.L. NEHRU	61.0	53.1	53.2	60.1	66.7	64.3	66.4	67.7	66.2	73.5	71.4	58.3
MORMUGAO	81.1	69.3	65.5	82.2	78.7	81.0	73.8	70.2	79.2	79.2	79.2	46.7
NEW MANGALORE	35.1	29.1	33.3	49.7	52.3	47.0	56.0	54.0	52.0	46.5	48.6	49.1
COCHIN	61.4	56.7	63.3	71.9	65.7	67.3	66.0	63.5	63.7	70.3	74.9	71.9
TUTICORIN	68.8	61.3	54.8	53.7	59.3	67.6	72.9	70.2	66.9	70.5	84.5	83.0
CHENNAI	71.9	60.1	57.1	58.0	57.7	63.3	74.0	67.3	63.8	63.6	62.5	57.4
ENNORE	43.7	43.4	39.3	31.2	34.2	34.4	35.5	47.0	41.2	42.5	33.1	40.0
VISAKHAPAT-NAM	63.3	62.0	65.1	61.8	58.2	59.5	73.6	65.9	76.3	73.2	73.6	68.7
PARADIP	55.6	47.6	52.6	59.9	59.7	65.0	76.6	70.9	77.6	73.6	63.6	66.4
HALDIA DOCK COMPLEX	74.1	71.6	60.8	75.3	85.6	85.9	81.1	83.6	81.2	78.6	70.6	68.0
KOLKATA DOCK SYSTEM	38.0	44.6	41.8	42.3	41.8	45.5	59.2	57.3	70.8	68.3	64.2	64.8

**Table  
2.1.29**

**Performance of Cargo Handling Equipments of Major Ports -  
2010-11, 2011-12 & 2012-13**

( In Percent)

Sl. No.	Name Of The Port	Equipment	2010-11		2011-12		2012-13	
			% Avail-ability	% Utili-sation	% Avail-ability	% Utili-sation	% Avail-ability	% Utili-sation
1	2	3	4	5	6	7	8	9
1.	<b>Kandla</b>	Wharf Crane	84	59	94	66	89	66
		Mobile Crane	-	-	-	-	93	54
		Forklift Truck	96	70	88	63	92	55
2.	<b>Mumbai</b>	Wharf Crane	83	11	84	18	94	27
		Mobile Crane	91	12	91	11	86	22
		Forklift Truck	97	15	97	16	95	15
3.	<b>Mormugao</b>	Wharf Crane	-	-	-	-	-	-
		Mobile Crane	50	-	#	#	-	-
		Forklift Truck	98	4	97	1	-	-
4.	<b>N.Mangalore</b>	Wharf Crane	-	-	-	-	-	-
		Mobile Crane	94	1	97	2	90	1
		Forklift Truck	73	13	63	14	74	12
5.	<b>Cochin</b>	Wharf Crane	47	1	#	#	-	-
		Mobile Crane	-	-	-	-	91	12
		Forklift Truck	78	14	73	13	83	16
6.	<b>Tuticorin</b>	Wharf Crane	94	48	97	38	85	32
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	-	-	-	-	-	-
7.	<b>Chennai</b>	Wharf Crane	92	9	89	4	97	3
		Mobile Crane	99	30	99	30	99	32
		Forklift Truck	72	13	62	8	64	7
8.	<b>Visakhapatana</b>	Wharf Crane	98	37	99	34	97	23
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	-	-	-	-	-	-
9.	<b>Paradip</b>	Wharf Crane	95	21	83	22	90	15
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	-	-	-	-	-	-
10.	<b>Kolkata Dock System</b>	Wharf Crane	96	25	88	28	100	35
		Mobile Crane	85	38	86	42	92	42
		Forklift Truck	94	41	91	46	97	41
11	<b>Haldia Dock Complex</b>	Wharf Crane	-	-	-	-	-	-
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	0	0	-	-	-	-

# 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

Source : Indian Ports Association.

Table 2.1.30

## Availability And Utilisation Of Container Handling Equipments - Major Ports - 2011-12 &amp; 2012-13

PORT	Year	Quay Side Gantry Crane				R.T. Gantry Crane			
		No.	% availability	% 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	2011-12	-	-	-	-	3	67.8	53.0	35.9
	2012-13	-	-	-	-	3	67.4	40.6	27.3
Haldia Dock Complex	2011-12	-	-	-	-	4	82.3	...	...
	2012-13	-	-	-	-	4	82.3	...	...
Paradip	2011-12	-	-	-	-	-	-	-	-
	2012-13	-	-	-	-	-	-	-	-
Visakhapatnam	2011-12	2	98.3	48.3	47.5	6	99.5	15.1	15.0
	2012-13	4	93.3	25.7	24.0	6	96.5	44.3	42.7
Chennai	2011-12	7	94.4	71.2	67.2	22	95.1	87.9	83.5
	2012-13	7	92.0	8.0	8.0	22	91.0	8.0	8.0
Tuticorin	2011-12	3	91.0	58.0	53.0	8	93.0	92.0	86.0
	2012-13	3	88.0	-	-	8	92.0	-	-
Cochin	2011-12	4	89.3	31.2	27.8	15	92.7	47.0	43.5
	2012-13	4	100.0	29.0	29.0	15	100.0	47.0	47.0
New Mangalore	2011-12	-	-	-	-	-	-	-	-
	2012-13	-	-	-	-	-	-	-	-
Mormugao	2011-12	-	-	-	-	-	-	-	-
	2012-13	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2011-12	10	97.8	51.5	50.4	40	96.4	66.5	64.1
	2012-13	9	87.3	56.6	49.4	18	90.5	78.6	71.1
Mumbai	2011-12	-	-	-	-	-	-	-	-
	2012-13	-	-	-	-	-	-	-	-
Kandla	2011-12	4	95.6	25.8	25.8	4	98.2	25.1	25.1
	2012-13	-	-	-	-	-	-	-	-

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) x 100

(a) Relates to JNPCT only.

Table 2.1.30(Contd.)

## Availability And Utilisation Of Container Handling Equipments - Major Ports - 2011-12 &amp; 2012-13

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	2011-12	0	0.0	0.0	0.0	0	0.0	0.0	0.0
	2012-13	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Haldia Dock Complex	2011-12	-	-	-	-	1	0.0	0.0	0.0
	2012-13	-	-	-	-	1	0.0	0.0	0.0
Paradip	2011-12	-	-	-	-	-	-	-	-
	2012-13	-	-	-	-	-	-	-	-
Visakhapatnam	2011-12	-	-	-	-	1	99.3	0.6	0.6
	2012-13	-	-	-	-	1	100.0	0.0	0.0
Chennai	2011-12	-	-	-	-	-	-	-	-
	2012-13	-	-	-	-	-	-	-	-
Tuticorin	2011-12	12	94.0	71.0	67.0	-	-	-	-
	2012-13	12	90.0	-	-	-	-	-	-
Cochin	2011-12	-	-	-	-	2	97	35	34
	2012-13	-	-	-	-	2	100	42	42
New Mangalore	2011-12	-	-	-	-	-	-	-	-
	2012-13	-	-	-	-	-	-	-	-
Mormugao	2011-12	-	-	-	-	-	-	-	-
	2012-13	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2011-12	-	-	-	-	-	-	-	-
	2012-13	20.0	89.4	100.0	89.4	3.0	94.2	90.2	85.0
Mumbai	2011-12	-	-	-	-	-	-	-	-
	2012-13	-	-	-	-	-	-	-	-
Kandla	2011-12	12	99.1	2.0	2.0	-	-	-	-
	2012-13	-	-	-	-	-	-	-	-

(a) :Relates to JNPT only.

**Table  
2.1.30(Contd.)**

**Availability And Utilisation Of Container Handling Equipments - Major Ports - 2011-12 & 2012-13**

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	2011-12	-	-	-	-	-	-	-	-
	2012-13	-	-	-	-	-	-	-	-
Haldia Dock Complex	2011-12	1	80.9	58.8	47.5	-	-	-	-
	2012-13	1	62.3	63.2	39.4	-	-	-	-
Paradip	2011-12	-	-	-	-	-	-	-	-
	2012-13	-	-	-	-	-	-	-	-
Visakhapatnam	2011-12	-	-	-	-	-	-	-	-
	2012-13	-	-	-	-	-	-	-	-
Chennai	2011-12	-	-	-	-	-	-	-	-
	2012-13	-	-	-	-	-	-	-	-
Tuticorin	2011-12	-	-	-	-	-	-	-	-
	2012-13	-	-	-	-	-	-	-	-
Cochin	2011-12	2	99	1	1	-	-	-	-
	2012-13	2	100	5	5	-	-	-	-
New Mangalore	2011-12	-	-	-	-	-	-	-	-
	2012-13	-	-	-	-	-	-	-	-
Mormugao	2011-12	-	-	-	-	-	-	-	-
	2012-13	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2011-12	3	98.9	53.4	52.8	-	-	-	-
	2012-13	6	84.6	53.7	45.4	2.0	53.9	90.2	85.0
Mumbai	2011-12	-	-	-	-	-	-	-	-
	2012-13	-	-	-	-	-	-	-	-
Kandla	2011-12	-	-	-	-	-	-	-	-
	2012-13	-	-	-	-	-	-	-	-

(a) :Relates to JNPCT.

**Table  
2.1.30(Contd.)**

**Availability And Utilisation Of Container Handling Equipments - Major Ports - 2011-12 & 2012-13**

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	2011-12	-	-	-	-	-	0	-	-	-
	2012-13	-	-	-	-	-	0	-	-	-
Haldia Dock Complex	2011-12	1	0.0	0.0	0.0	-	-	-	-	-
	2012-13	-	-	-	-	-	-	-	-	-
Paradip	2011-12	-	-	-	-	-	-	-	-	-
	2012-13	-	-	-	-	-	-	-	-	-
Visakhapatnam	2011-12	-	-	-	-	6	99.7	8.0	8.0	-
	2012-13	-	-	-	-	6	97.6	8.9	8.7	-
Chennai	2011-12	-	-	-	-	-	-	-	-	-
	2012-13	-	-	-	-	-	-	-	-	-
Tuticorin	2011-12	-	-	-	-	-	-	-	-	-
	2012-13	-	-	-	-	-	-	-	-	-
Cochin	2011-12	-	-	-	-	3	92.0	16.0	15.0	-
	2012-13	-	-	-	-	3	100.0	8.0	8.0	-
New Mangalore	2011-12	1	96.7	21.0	20.3	2	93.9	65.8	61.7	-
	2012-13	1	55.8	24.5	13.6	3	86.2	58.3	50.2	-
Mormugao	2011-12	-	-	-	-	-	-	-	-	-
	2012-13	-	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2011-12	-	-	-	-	-	-	-	-	-
	2012-13	4	82.3	88.8	73.0	-	-	-	-	-
Mumbai	2011-12	-	-	-	-	-	-	-	-	-
	2012-13	-	-	-	-	-	-	-	-	-
Kandla	2011-12	7.0	87.7	68.3	59.9	4	93.3	32.5	32.5	-
	2012-13	-	-	-	-	-	-	-	-	-

(a) Relates to JNPCT.  
Source: Major Ports

Table 2.1.31

## Container Handling Rate - Major Ports -2011-12 &amp; 2012-13

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	2011-12	-	-	-	-	-	-	47.0	3.2	6.6
System	2012-13	-	-	-	-	-	-	47.3	3.4	6.4
Haldia Dock	2011-12	-	-	-	41.2	1.6	2.8	...	...	...
Complex	2012-13	34.3	8.5	12.9	36.8	1.5	2.4	...	...	...
Paradip	2011-12	-	-	-	-	-	-	-	-	-
	2012-13	-	-	-	-	-	-	-	-	-
Vishakhapat-nam	2011-12	4.6	23.0	24.1	-	-	-	3.1	19.4	20.0
	2012-13	21.7	19.0	24.3	-	-	-	7.6	19.1	20.7
Chennai( CCTL)	2011-12	7.1	22.2	23.9	-	-	-	47.3	11.1	21.0
	2012-13	17.8	23.0	28.0	-	-	-	8.7	8.0	8.0
Tuticorin	2011-12	4.5	27.0	28.0	...	...	...	7.0	13.0	14.0
	2012-13	4.2	23.0	24.0	...	...	...	7.5	13.0	14.0
Cochin	2011-12	-	34.4	34.4	-	-	-	-	12.1	12.1
	2012-13	19.9	32.7	40.8	-	-	-	-	10.5	10.5
New Mangalore	2011-12	-	-	-	-	-	-	-	-	-
	2012-13	-	-	-	-	-	-	-	-	-
Mormugao	2011-12	-	-	-	-	-	-	-	-	-
	2012-13	-	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2011-12	28.6	15.4	21.5	18.6	7.2	8.8	26.3	5.1	6.9
	2012-13	29.5	16.1	22.8	25.9	7.6	10.2	28.2	6.0	8.4
Mumbai	2011-12	-	-	-	-	-	-	-	-	-
	2012-13	-	-	-	-	-	-	-	-	-
Kandla	2011-12	4.2	16.3	5.1	...	...	...	2.0	11.4	10.9
	2012-13	4.2	16.3	5.1	...	...	...	2.0	11.4	10.9

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 - 2012-13

(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
<b>KDS</b>	Cap.	4.50	-	-	-	6.74	5.90	17.14
	Util.	15.73	-	-	-	58.09	117.97	69.10
<b>HDC</b>	Cap.	17.00	6.00	7.00	-	12.75	4.00	46.75
	Util.	28.21	28.58	92.56	-	92.85	71.73	60.07
<b>PPT</b>	Cap.	43.00	4.50	20.00	7.50	27.30	-	102.30
	Util.	38.30	40.73	130.53	55.28	28.68	-	55.28
<b>VPT</b>	Cap.	17.65	12.50	-	1.00	33.50	2.68	67.33
	Util.	76.49	100.55	-	258.80	48.00	169.93	87.68
<b>EPL(a)</b>	Cap.	3.00	6.00	21.00	-	1.00	-	31.00
	Util.	17.37	0.00	71.07	-	15.17	-	57.69
<b>ChPT</b>	Cap.	17.67	8.00	-	-	17.92	42.00	85.59
	Util.	75.70	0.65	-	-	54.94	70.74	62.40
<b>TPT</b>	Cap.	2.30	-	12.55	-	13.49	5.00	33.34
	Util.	23.78	-	53.30	-	78.52	187.44	84.76
<b>CoPT</b>	Cap.	19.01	-	-	0.80	12.35	12.50	44.66
	Util.	73.79	-	-	44.13	6.72	36.86	44.44
<b>NMPT</b>	Cap.	49.17	7.50	5.40	-	14.70	-	76.77
	Util.	45.84	34.88	-	-	25.46	-	48.24
<b>MoPT</b>	Cap.	1.50	27.50	-	-	7.40	-	36.40
	Util.	54.87	26.99	-	-	24.11	-	48.73
<b>JNPT</b>	Cap.	5.50	-	-	-	0.90	59.48@	65.88
	Util.	75.02	-	-	-	272.33	101.10	97.89
<b>MbPT</b>	Cap.	32.00	-	-	-	11.53	1.00	44.53
	Util.	108.60	-	-	-	154.78	82.90	130.33
<b>KPT</b>	Cap.	66.60	-	-	-	19.42	7.20	93.22
	Util.	81.90	-	-	-	139.82	26.88	100.43
<b>ALL PORTS</b>	Cap.	278.90	72.00	65.95	9.30	179.00	139.76	744.91
	Util.	64.80	37.90	131.62	159.11	65.00	85.77	73.27

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

@ Capacity of JNP container terminal (3berths), NSICT(2berths), GTIL(3 BERTHS) and shallow water berth (1no)

has been taken as 15.0 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.

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

**Table 2.1.33 Employment At Major Ports  
(As on 31st March, 2013)**

(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	84	60	383	1077	962	70	601	286	698	4221
MbPT	364	22	4269	4003	0	889	81	2327	0	11955
JNPT	182	51	349	107	113	904	0	0	0	1706
MoPT(a)	133	78	1192	641	0	363	131	0	0	2538
NMPT (b)	73	86	571	122	0	260	323	0	0	1435
CoPT	128	136	525	452	1107	319	50	49	0	2766
TPT	84	59	602	214	0	276	578	0	0	1813
ChPT	273	140	2721	958	267	1297	430	496	0	6582
EPL	33	21	35	11	0	0	0	0	0	100
VPT	165	117	607	883	544	1414	365	0	0	4095
PPT	114	62	681	1256	0	0	0	0	121*	2234
KDS	449	122	2421	1170	0	168	35	282	0	4647
HDC	171	107	153	295	260	965	936	0	0	2887
<b>Total</b>	<b>2253</b>	<b>1061</b>	<b>14509</b>	<b>11189</b>	<b>3253</b>	<b>6925</b>	<b>3530</b>	<b>3440</b>	<b>698</b>	<b>46979</b>

\*Supernumerary staff

(a) Includes CHL, erstwhile MDLB

(b) The cargo handling workers of Port are under "New Mangalore Port Cargo handling workers(Regulation of Employment) Scheme,1990".

Source: Major Port

**Table 2.1.34 Employment At Dock Labour Boards of Major Ports  
(As on 31st March, 2013)**

(In Numbers)

Port	Number of DLB Employees					Number of Dock Workers				Grand Total
	Class I	Class II	Class III	Class IV	Total	Regis-tered	Listed	Others	Total	
1	2	3	4	5	6	7	8	9	10	11
VPT	11	2	62	43	118	728	-	-	728	846
KDS	15	7	63	12	97	84	0	0	84	181
MbPT	14	1	975	101	1091	2205	0	107	2312	3403
<b>All DLBs</b>	<b>40</b>	<b>10</b>	<b>1100</b>	<b>156</b>	<b>1306</b>	<b>3017</b>	<b>0</b>	<b>107</b>	<b>3124</b>	<b>4430</b>

Source: Major Port

Table 2.1.35

## Mandays Employed and Mandays Lost at Major Ports : 2010-2013 (31st March)

Port	2010		2011		2012		2013	
	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	1463	-	1962	-	1370	-	1541	0.0
MbPT	5132	3.2	6295	0.0	4645	0.0	5606	3.7
MoPT	1055	7.0	1028	0.0	973	0.0	926	0.0
NMPT	627	5.6	356	0.0	564	0.0	524	4.1
CoPT	1441	-	1368	-	1097	-	1010	4.1
TPT	800	-	759	-	713	-	662	1.1
EPL	31	-	32	-	34	-	37	0.0
ChPT	2927	0.9	2838	-	0	-	2402	0.0
VPT	2205	0.6	2036	0.6	1848	0.1	1803	2.5
PPT	1008	-	961	-	889	0.8	815	0.3
KDS	2186	-	2052	-	1928	-	1762	0.0
HDC	1277	0.8	1206	2.6	1136	0.2	1054	0.5
JNPT	635	-	631	-	627	-	623	3.3
<b>TOTAL</b>	<b>20786</b>	<b>0.6</b>	<b>21524</b>	<b>0.6</b>	<b>21524</b>	<b>0.6</b>	<b>18764</b>	<b>1.9</b>

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 2012-13****(Rs. Crore)**

<b>S.No.</b>	<b>Port</b>	<b>Capital Employed</b>
<b>1</b>	<b>2</b>	<b>3</b>
1	KANDLA	1172.35
2	MUMBAI	863.74
3	J. L. NEHRU	5316.00
4	MORMUGAO	440.39
5	NEW MANGALORE	896.03
6	COCHIN	154.75
7	TUTICORIN	799.32
8	CHENNAI	664.27
9	ENNORE	848.92
10	VISAKHAPATNAM	1047.97
11	PARADIP	1730.41
12	HALDIA DOCK COMPLEX	765.53
13	KOLKATA DOCK SYSTEM	798.08
		15497.76

Source: Major Ports

Table 2.1.37

## Operating Expenditure Under Various Heads - Major Ports - 2011-12 &amp; 2012-13

(Rs. Crore)

Port	Salaries & Wages		Stores		Office & Administrative Security & Medical		Depreciation		Operation & Maintenance		Other Exp		Total	
	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Kolkata	213.22 (35.61)	217.67 (32.03)	1.28 (.21)	1.43 (.21)	73.24 (12.23)	78.63 (11.57)	12.71 (2.12)	12.92 (1.9)	82.74 (13.82)	101.75 (14.97)	215.53 (36.)	267.14 (39.31)	598.72 (100)	679.54 (100)
HDC	173.18 (18.11)	179.97 (17.63)	12.26 (1.28)	10.55 (1.03)	40.88 (4.28)	47.01 (4.6)	25.68 (2.69)	25.22 (2.47)	118.79 (12.42)	119.06 (11.66)	585.45 (61.22)	639.07 (62.6)	956.24 (100)	1020.88 (100)
Paradip	110.27 (26.4)	128.93 (29.23)	21.69 (5.19)	15.65 (3.55)	35.41 (8.48)	38.59 (8.75)	55.59 (13.31)	57.51 (13.04)	177.59 (42.52)	190.07 (43.09)	17.11 (4.1)	10.36 (2.35)	417.66 (100)	441.11 (100)
Visakhapatnam	216.49 (49.61)	240.68 (49.18)	54.92 (12.59)	45.12 (9.22)	34.39 (7.88)	40.97 (8.37)	34.54 (7.92)	39.51 (8.07)	27.36 (6.27)	36.18 (7.39)	68.66 (15.73)	86.96 (17.77)	436.36 (100.)	489.42 (100.)
Chennai	357.19 (63.24)	375.85 (64.06)	12.32 (2.18)	13.10 (2.23)	50.42 (8.93)	43.06 (7.34)	29.79 (5.27)	31.00 (5.28)	48.68 (8.62)	40.69 (6.93)	66.40 (11.76)	83.04 (14.15)	564.80 (100)	586.74 (100)
Tuticorin	101.91 (52.35)	114.32 (54.18)	7.77 (3.99)	10.87 (5.15)	32.65 (16.77)	31.05 (14.71)	16.78 (8.62)	18.26 (8.65)	35.56 (18.27)	36.51 (17.3)	0.00 (0.00)	0.00 (0.00)	194.67 (100)	211.01 (100)
Cochin	130.32 (46.17)	127.15 (34.61)	13.81 (4.89)	15.71 (4.28)	30.76 (10.9)	41.12 (11.19)	19.50 (6.91)	31.22 (8.5)	87.85 (31.13)	152.19 (41.42)	0.00 (0.00)	0.00 (0.00)	282.24 (100)	367.39 (100)
New Mangalore	75.73 (28.48)	80.23 (28.67)	10.25 (3.86)	9.36 (3.35)	25.48 (9.58)	26.72 (9.55)	21.91 (8.24)	22.79 (8.14)	21.61 (8.13)	21.52 (7.69)	110.88 (41.71)	119.19 (42.6)	265.86 (100)	279.81 (100)
Mormugao	119.04 (45.98)	127.24 (48.98)	14.23 (5.5)	11.76 (4.53)	26.85 (10.37)	26.92 (10.36)	18.07 (6.98)	17.39 (6.69)	79.07 (30.54)	74.97 (28.86)	1.63 (.63)	1.48 (.57)	258.89 (100)	259.76 (100)
Mumbai (1)	730.85 (73.48)	878.19 (75.99)	3.19 (.32)	2.49 (.22)	80.55 (8.1)	89.73 (7.76)	58.57 (5.89)	58.26 (5.04)	110.85 (11.14)	116.76 (10.1)	10.67 (1.07)	10.16 (.88)	994.68 (100)	1155.59 (100)
J. L. Nehru	141.81 (25.58)	182.09 (23.8)	9.53 (1.72)	10.80 (1.41)	81.64 (14.73)	116.68 (15.25)	40.35 (7.28)	45.07 (5.89)	226.30 (40.82)	254.06 (33.21)	54.74 (9.87)	156.39 (20.44)	554.37 (100)	765.09 (100)
Kandla	211.72 (41.84)	228.17 (44.31)	8.53 (1.69)	6.17 (1.2)	29.08 (5.75)	33.24 (6.45)	47.46 (9.38)	47.89 (9.3)	206.91 (40.89)	196.61 (38.18)	2.28 (.45)	2.89 (.56)	505.98 (100.)	514.97 (100.)
Ennore	7.54 (4.89)	8.65 (5.68)	0.00 (0.00)	0.00 (0.00)	9.79 (6.35)	12.81 (8.41)	13.25 (8.6)	13.76 (9.03)	27.45 (17.82)	23.50 (15.43)	96.04 (62.34)	93.61 (61.45)	154.07 (100)	152.33 (100)
<b>Total</b>	<b>2589.27</b> <b>(41.87)</b>	<b>2889.14</b> <b>(41.73)</b>	<b>169.78</b> <b>(2.75)</b>	<b>153.01</b> <b>(2.21)</b>	<b>551.14</b> <b>(8.91)</b>	<b>626.53</b> <b>(9.05)</b>	<b>394.20</b> <b>(6.37)</b>	<b>420.80</b> <b>(6.08)</b>	<b>1250.76</b> <b>(20.22)</b>	<b>1363.87</b> <b>(19.7)</b>	<b>1229.39</b> <b>(19.88)</b>	<b>1470.29</b> <b>(21.24)</b>	<b>6184.54</b> <b>(100)</b>	<b>6923.64</b> <b>(100)</b>

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 : , 2010-11, 2011-12 & 2012-13**

(Rs.)

Port	Operating Income			Operating Expenditure			Surplus/Deficit per tonne		
	2010-11	2011-12	2012-13	2010-11	2011-12	2012-13	2010-11	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10
KPT	60.08	75.60	83.36	46.67	61.33	55.01	13.40	14.27	28.35
MbPT	174.95	182.08	198.91	141.98	146.21	162.84	32.98	35.88	36.07
JNPT	174.55	177.57	170.24	69.10	76.01	94.39	105.44	101.55	75.85
MoPT	74.34	91.99	125.08	48.32	66.30	146.44	26.02	25.69	-21.36
NMPT	97.59	113.01	90.35	59.46	59.68	54.83	38.14	53.33	35.52
CoPT	154.47	152.86	157.02	153.58	140.44	185.13	0.89	12.42	-28.11
TPT	101.47	135.10	128.81	46.52	69.27	74.67	54.95	65.83	54.14
ChPT	111.28	112.57	118.13	94.33	101.39	109.87	16.95	11.19	8.26
EPL	151.95	167.33	182.11	29.39	29.57	25.14	122.56	137.76	156.98
VPT	108.56	107.75	119.06	59.92	64.72	82.90	48.64	43.02	36.16
PPT	125.89	117.85	120.90	69.81	76.98	78.00	56.08	40.87	42.90
HDS	295.76	316.81	262.84	190.04	221.92	256.45	105.72	94.89	6.39
KDS	366.71	462.73	425.61	320.96	344.36	381.44	45.75	118.38	44.17
<b>All Major Ports</b>	132.92	143.24	143.82	86.02	95.18	107.07	46.89	48.06	36.75

Source: Major Ports

Table 2.2.1

## Traffic Handled at Non-Major Ports ( State-wise &amp; Port-wise) - 2010-11, 2011-12 &amp; 2012-13

('000 Tonnes)

States/U.T.	2010-11						2011-12						2012-13					
	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
<b>GUJARAT</b>																		
Bedi	1297	651	1948	2	171	173	1472	846	2318	42	363	405	4151	2387	6538	-	158	158
Bhavnagar	303	22	325	-	-	0	908	-	908	-	-	-	1071	55	1126	-	-	-
Dahej	11679	1505	13184	857	271	1128	15127	1455	16582	783	251	1034	21092	1149	22241	18	-	18
GAPL	35038	11378	46416	4881	608	5489	45901	13234	59135	5049	611	5660	57018	13762	70780	5764	400	6164
GPPL	5568	2172	7740	79	2	81	6354	2764	9118	145	9	154	5372	2631	8003	44	11	55
Jafrabad	389	1905	2294	-	2169	2169	-	1880	1880	-	2238	2238	-	1333	1333	-	2072	2072
Magdalla	6094	1335	7429	10480	614	11094	5886	1974	7860	11596	928	12524	8603	2337	10940	10986	740	11726
Mul-Dwarka	925	453	1378	-	2468	2468	783	300	1083	-	2738	2738	625	157	782	-	2669	2669
Navalakh	4282	205	4487	33	-	33	5491	183	5674	68	-	68	6272	149	6421	-	-	-
Okha	1103	48	1151	-	-	0	1506	31	1537	-	88	88	1706	5	1711	-	33	33
Porbandar	185	483	668	232	-	232	616	341	957	-	190	190	693	1567	2260	-	110	110
Sikka	65280	38750	104030	330	11046	11376	66660	39190	105850	66	12129	12195	71574	40638	112212	817	11492	12309
Veraval	0	-	-	-	74	74	8	3	11	-	28	28	-	-	0	-	25	25
Mundra (Old)	24	39	63	-	-	0	11	112	123	-	-	-	5	34	39	1	-	1
Jakhau	387	738	1125	-	82	82	534	907	1441	-	332	332	467	620	1087	117	215	332
Others	4052	216	4268	2	0	2	6485	352	6837	0	82	82	6672	0	6672	0	0	0
<b>TOTAL</b>	<b>136606</b>	<b>59900</b>	<b>196506</b>	<b>16896</b>	<b>17505</b>	<b>34401</b>	<b>157742</b>	<b>63572</b>	<b>221314</b>	<b>17749</b>	<b>19987</b>	<b>37736</b>	<b>185321</b>	<b>66824</b>	<b>252145</b>	<b>17747</b>	<b>17925</b>	<b>35672</b>
<b>MAHARASHTRA</b>																		
Dabhol	1	-	1	12	5	17	3	-	3	36	1	37	397	-	397	2	-	2
Dahanu	-	-	-	674	-	674	-	-	-	691	-	691	-	-	0	531	-	531
Dharamtar	2569	651	3220	3857	4	3861	3638	191	3829	3693	-	3693	3887	172	4059	5663	-	5663
Ratnagiri	514	-	514	391	50	441	448	-	448	377	-	377	540	3	543	317	-	317
Revdanda	809	129	938	717	18	735	511	159	670	634	6	640	1017	102	1119	234	-	234
Ulwa-Belapur	-	1	1	1623	-	1623	1	-	1	1657	-	1657	-	-	0	1429	-	1429
Jaigad	633	422	1055	244	44	288	4536	467	5003	3	60	63	5738	621	6359	552	678	1230
Redi	-	709	709	-	-	-	-	1954	1954	-	-	-	-	1494	1494	-	-	-
Dighi (Rajpuri)	-	212	212	20	64	84	56	239	295	11	161	172	51	164	215	30	-	30
Kelshi	203	286	489	-	10	10	-	361	361	-	-	-	-	505	505	-	-	-
Others	1	1	2	1	0	1	3	50	53	0	0	0	0	70	70	1	0	1
<b>TOTAL</b>	<b>4730</b>	<b>2411</b>	<b>7141</b>	<b>7539</b>	<b>195</b>	<b>7734</b>	<b>9196</b>	<b>3421</b>	<b>12617</b>	<b>7102</b>	<b>228</b>	<b>7330</b>	<b>11630</b>	<b>3131</b>	<b>14761</b>	<b>8759</b>	<b>678</b>	<b>9437</b>
<b>Table 2.2.1(Contd...)</b>																		
Panaji	96	14468	14564	17	-	17	165	14305	14470	-	-	-	113	3276	3389	-	-	-
<b>TOTAL</b>	<b>96</b>	<b>14468</b>	<b>14564</b>	<b>17</b>	<b>0</b>	<b>17</b>	<b>165</b>	<b>14305</b>	<b>14470</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>113</b>	<b>3276</b>	<b>3389</b>	<b>0</b>	<b>0</b>	<b>0</b>

Note : The cargo data of GAPL &amp; GPPL for 2009-10, 2010-11, 2011-12 &amp; 2012-13 include containers.

**Table 2.2.1 (Contd...)** **Traffic Handled at Non-Major Ports ( State-wise & Port-wise) - 2010-11, 2011-12 & 2012-13** ('000 Tonnes)

States/U.T.	2010-11						2011-12						2012-13					
	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
<b>ANDHRA PRADESH</b>																		
Kakinada																		
Anchorage Port	358	746	1104	13	29	42	16	3098	3114	-	50	50	-	3929	3929	-	18	18
Deep Water Port	7000	2337	9337	1314	154	1468	5969	1835	7804	1791	255	2046	6272	2823	9095	2764	464	3228
Rawa	-	-	-	-	1561	1561	-	-	-	-	3198	3198	-	-	0	-	1369	1369
Krishnapatnam	10049	5856	15905	10	-	10	13633	1369	15002	417	-	417	17772	2154	19926	1196	-	1196
Gangavaram	11256	2584	13840	-	-	-	11746	2256	14002	-	-	-	12599	451	13050	-	-	-
<b>TOTAL</b>	<b>28663</b>	<b>11523</b>	<b>40186</b>	<b>1337</b>	<b>1744</b>	<b>3081</b>	<b>31364</b>	<b>8558</b>	<b>39922</b>	<b>2208</b>	<b>3503</b>	<b>5711</b>	<b>36643</b>	<b>9357</b>	<b>46000</b>	<b>3960</b>	<b>1851</b>	<b>5811</b>
<b>KARNATAKA</b>																		
Karwar	85	947	1032	84	11	95	78	352	430	67	-	67	216	225	441	-	-	-
Old Mangalore	-	-	-	15	121	136	-	-	0	16	72	88	-	-	0	77	85	162
Malpe	1	-	1	-	-	-	-	-	0	2	-	3	-	-	0	1	2	3
Hangarkatta	-	-	-	-	-	-	4	-	4	-	-	-	-	-	0	-	2	2
Belkeri	-	1831	1831	-	-	-	-	-	0	-	-	-	-	-	0	2	-	2
Others	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>86</b>	<b>2778</b>	<b>2864</b>	<b>99</b>	<b>132</b>	<b>231</b>	<b>82</b>	<b>353</b>	<b>435</b>	<b>85</b>	<b>72</b>	<b>158</b>	<b>216</b>	<b>225</b>	<b>441</b>	<b>80</b>	<b>89</b>	<b>169</b>
<b>KERALA</b>																		
Kozikode/Beypore	-	-	-	30	77	107	-	-	-	17	79	96	-	-	0	15	70	85
Kovalam/Vizhinjam	-	7	7	2	-	2	-	6	6	-	-	-	-	8	8	-	2	2
Others	1	1	2	5	1	6	0	0	0	0	2	2	0	0	0	1	0	1
<b>TOTAL</b>	<b>1</b>	<b>8</b>	<b>9</b>	<b>37</b>	<b>78</b>	<b>115</b>	<b>0</b>	<b>6</b>	<b>6</b>	<b>17</b>	<b>81</b>	<b>98</b>	<b>0</b>	<b>8</b>	<b>8</b>	<b>16</b>	<b>72</b>	<b>88</b>
<b>TAMIL NADU</b>																		
Ennore	58	-	58	-	-	-	46	-	46	-	-	-	29	-	29	-	-	-
PY-3	-	-	-	-	152	152	-	-	-	-	59	59	-	-	0	-	-	-
Nagapattinam	36	7	43	484	334	818	25	-	25	309	296	605	15	-	15	15	342	357
Thrukkadaiyur	-	-	-	327	-	327	-	-	-	-	235	-	235	-	0	274	-	274
Cuddalore	210	-	210	-	1	1	227	1	228	-	2	2	237	8	245	-	2	2
Others	2	0	2	0	0	0	9	0	9	0	1	1	4	0	4	0	7	7
<b>TOTAL</b>	<b>306</b>	<b>7</b>	<b>313</b>	<b>811</b>	<b>487</b>	<b>1298</b>	<b>307</b>	<b>1</b>	<b>308</b>	<b>544</b>	<b>358</b>	<b>902</b>	<b>285</b>	<b>8</b>	<b>293</b>	<b>289</b>	<b>351</b>	<b>640</b>
<b>PUDUCHERRY</b>																		
Karaikal	4627	101	4728	-	-	-	6240	168	6408	-	13	13	6436	431	6867	-	42	42
<b>TOTAL</b>	<b>4627</b>	<b>101</b>	<b>4728</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6240</b>	<b>168</b>	<b>6408</b>	<b>0</b>	<b>13</b>	<b>13</b>	<b>6436</b>	<b>431</b>	<b>6867</b>	<b>0</b>	<b>42</b>	<b>42</b>
<b>ODISHA</b>																		
Dhamra	174	291	465	-	-	-	5064	-	5064	-	20	20	8733	288	9021	-	2047	2047
<b>TOTAL</b>	<b>174</b>	<b>291</b>	<b>465</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5064</b>	<b>0</b>	<b>5064</b>	<b>0</b>	<b>20</b>	<b>20</b>	<b>8733</b>	<b>288</b>	<b>9021</b>	<b>0</b>	<b>2047</b>	<b>2047</b>
<b>SEA ISLANDS</b>																		
Andaman Nicobar	342	-	342	985	352	1337	10	-	10	950	248	1198	7	-	7	854	205	1059
Lakshadweep	-	-	-	26	-	26	-	-	-	-	-	26	-	-	0	26	-	26
<b>TOTAL</b>	<b>342</b>	<b>0</b>	<b>342</b>	<b>1011</b>	<b>352</b>	<b>1363</b>	<b>10</b>	<b>0</b>	<b>10</b>	<b>976</b>	<b>248</b>	<b>1224</b>	<b>7</b>	<b>0</b>	<b>7</b>	<b>880</b>	<b>205</b>	<b>1085</b>
<b>All States TOTAL</b>	<b>175631</b>	<b>91487</b>	<b>267118</b>	<b>27747</b>	<b>20493</b>	<b>48240</b>	<b>210170</b>	<b>90384</b>	<b>300554</b>	<b>28681</b>	<b>24510</b>	<b>53192</b>	<b>249384</b>	<b>83548</b>	<b>332932</b>	<b>31731</b>	<b>23260</b>	<b>54991</b>

Source : State / UT Maritime Boards

Table 2.2.2

**Traffic Handled at Non-Major Ports (State-wise & Principal Commodity-wise) -  
2010-11, 2011-12 & 2012-13**

('000 Tonnes)

	2010-11						2011-12						2012-13					
	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
<b>GUJARAT</b>																		
POL & other Products	82317	38695	121012	8958	10905	19863	89646	40896	130542	8632	12312	20944	102368	42831	145199	8222	11716	19938
Coal	28302	1132	29434	22	275	297	36656	1017	37673	151	548	699	51406	1013	52419	1681	236	1917
Building Material	153	2614	2767	1294	4737	6031	0	2171	2171	1511	5340	6851	263	1459	1722	1647	5038	6685
Fertiliser & FRM	5876	209	6085	0	0	0	6885	301	7186	0	0	0	6396	21	6417	0	0	0
Chemicals	406	1078	1484	37	309	346	137	367	504	305	281	586	20	30	50	14	21	35
Iron Ore	797	50	847	6309	0	6309	97	148	245	6674	0	6674	1411	43	1454	6160	22	6182
Iron & Steel	1638	1205	2843	2	580	582	5482	2008	7490	5	741	746	1418	2075	3493	0	563	563
Other Ore	1286	198	1484	51	191	242	1225	482	1707	0	354	354	539	2540	3079	0	22	22
Foodgrains	0	693	693	20	5	25	1	821	822	0	0	0	272	991	1263	1	8	9
Salt	0	898	898	0	60	60	0	999	999	0	150	150	0	779	779	0	95	95
Oil Cake	0	381	381	0	1	1	0	500	500	0	0	0	0	410	410	0	0	0
Edible Oil	673	1348	2021	0	42	42	613	3	616	0	0	0	662	0	662	0	0	0
Others	15158	11399	26557	203	400	603	17000	13859	30859	471	261	732	20566	14632	35198	22	204	226
<b>Total</b>	<b>136606</b>	<b>59900</b>	<b>196506</b>	<b>16896</b>	<b>17505</b>	<b>34401</b>	<b>157742</b>	<b>63572</b>	<b>221314</b>	<b>17749</b>	<b>19987</b>	<b>37736</b>	<b>185321</b>	<b>66824</b>	<b>252145</b>	<b>17747</b>	<b>17925</b>	<b>35672</b>
<b>MAHARASHTRA</b>																		
Iron Ore	1186	850	2036	3078	6	3084	738	2218	2956	3406	0	3406	1851	1747	3598	3606	614	4220
Iron & Steel	45	27	72	20	15	35	33	0	33	194	6	200	157	32	189	268	0	268
POL & other Products	0	0	0	0	0	0	0	0	0	0	0	0	397	0	397	0	0	0
Building Material	150	1	151	2076	50	2126	48	0	48	2442	0	2442	56	0	56	1986	0	1986
Coal	2381	499	2880	2115	2	2117	6535	0	6535	1054	0	1054	7866	0	7866	2530	0	2530
Fertiliser & FRM	145	44	189	40	0	40	230	0	230	0	0	0	59	1	60	24	0	24
Chemicals	164	0	164	59	0	59	160	0	160	0	0	0	199	0	199	0	0	0
Others	659	990	1649	151	122	273	1452	1203	2655	6	222	228	1045	1351	2396	345	64	409
<b>Total</b>	<b>4730</b>	<b>2411</b>	<b>7141</b>	<b>7539</b>	<b>195</b>	<b>7734</b>	<b>9196</b>	<b>3421</b>	<b>12617</b>	<b>7102</b>	<b>228</b>	<b>7330</b>	<b>11630</b>	<b>3131</b>	<b>14761</b>	<b>8759</b>	<b>678</b>	<b>9437</b>
<b>GOA</b>																		
Iron Ore	96	14468	14564	17	0	17	0	14305	14305	0	0	0	0	3276	3276	0	0	0
Coal	0	0	0	0	0	0	165	0	165	0	0	0	113	0	113	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>96</b>	<b>14468</b>	<b>14564</b>	<b>17</b>	<b>0</b>	<b>17</b>	<b>165</b>	<b>14305</b>	<b>14470</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>113</b>	<b>3276</b>	<b>3389</b>	<b>0</b>	<b>0</b>	<b>0</b>

Table 2.2.2 (Contd...)

**Traffic Handled at Non-Major Ports (State-wise & Principal Commodity-wise) -  
2010-11, 2011-12 & 2012-13**

('000 Tonnes)

Commodity	2010-11						2011-12						2012-13					
	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
<b>TAMIL NADU</b>																		
POL & other Products	210	0	210	811	482	1293	220	0	220	544	350	894	0	0	0	289	343	632
Edible Oil	36	0	36	0	0	0	25	0	25	0	0	0	15	0	15	0	0	0
Fertiliser & FRM	58	0	58	0	0	0	46	0	46	0	0	0	252	0	252	0	0	0
Bldg. Material	0	7	0	0	0	0	7	0	7	0	0	0	6	0	6	0	0	0
Others	2	0	9	0	5	5	9	1	10	0	8	8	12	8	20	0	8	8
<b>Total</b>	<b>306</b>	<b>7</b>	<b>313</b>	<b>811</b>	<b>487</b>	<b>1298</b>	<b>307</b>	<b>1</b>	<b>308</b>	<b>544</b>	<b>358</b>	<b>902</b>	<b>285</b>	<b>8</b>	<b>293</b>	<b>289</b>	<b>351</b>	<b>640</b>
<b>KERALA</b>																		
Bldg. Material	0	0	0	2	9	11	0	0	0	14	73	87	0	0	0	0	30	30
POL & other Products	0	0	0	17	0	17	0	0	0	0	4	4	0	0	0	0	7	7
Others	1	8	9	18	69	87	0	6	6	3	4	7	0	8	8	16	35	51
<b>Total</b>	<b>1</b>	<b>8</b>	<b>9</b>	<b>37</b>	<b>78</b>	<b>115</b>	<b>0</b>	<b>6</b>	<b>6</b>	<b>17</b>	<b>81</b>	<b>98</b>	<b>0</b>	<b>8</b>	<b>8</b>	<b>16</b>	<b>72</b>	<b>88</b>
<b>PUDUCHERRY</b>																		
POL & Other Prdct	0	0	0	0	0	0	45	0	45	0	0	0	411	0	411	0	0	0
Bldg. Material	0	2	2	0	0	0	0	52	52	0	0	0	0	78	78	0	0	0
Coal	3974	0	3974	0	0	0	4838	0	4838	0	0	0	4666	0	4666	0	0	0
Fertiliser & FRM	465	35	500	0	0	0	1182	31	1213	0	0	0	607	1	608	0	0	0
Iron Ore	0	0	0	0	0	0	0	0	0	0	0	0	495	0	495	0	0	0
Others	188	64	252	0	0	0	175	85	260	0	13	13	752	352	1104	0	42	42
<b>Total</b>	<b>4627</b>	<b>101</b>	<b>4728</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6240</b>	<b>168</b>	<b>6408</b>	<b>0</b>	<b>13</b>	<b>13</b>	<b>6436</b>	<b>431</b>	<b>6867</b>	<b>0</b>	<b>42</b>	<b>42</b>
<b>A &amp; N ISLANDS</b>																		
POL & other Products	6	0	6	146	16	162	7	0	7	141	16	157	7	0	7	163	12	175
Bldg. Material	5	0	5	460	206	666	3	0	3	268	59	327	0	0	0	255	24	279
Foodgrains	6	0	6	63	17	80	0	0	0	64	12	76	0	0	0	50	6	56
Fertiliser & FRM	0	0	0	4	2	6	0	0	0	3	1	4	0	0	0	0	0	0
Others	325	0	325	312	111	423	0	0	0	474	160	634	0	0	0	386	163	549
<b>Total</b>	<b>342</b>	<b>0</b>	<b>342</b>	<b>985</b>	<b>352</b>	<b>1337</b>	<b>10</b>	<b>0</b>	<b>10</b>	<b>950</b>	<b>248</b>	<b>1198</b>	<b>7</b>	<b>0</b>	<b>7</b>	<b>854</b>	<b>205</b>	<b>1059</b>
<b>LAKSHADWEEP</b>																		
Others	0	0	0	26	0	26	0	0	0	26	0	26	0	0	0	26	0	26
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>26</b>	<b>0</b>	<b>26</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>26</b>	<b>0</b>	<b>26</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>26</b>	<b>0</b>	<b>26</b>
<b>ANDHRA PRADESH</b>																		
POL & other Products	964	0	964	258	1564	1822	108	7	115	175	3218	3393	226	5	231	145	1386	1531
Fertiliser & FRM	5728	0	5728	70	1	71	6815	163	6978	57	0	57	5064	0	5064	51	20	71
Edible Oil	1222	9	1231	0	0	0	1451	5	1456	0	0	0	1999	30	2029	0	0	0
Coal	18622	0	18622	996	0	996	21536	0	21536	1976	0	1976	27157	0	27157	3697	0	3697
Bldg. Material	0	456	456	0	28	28	74	744	818	0	41	41	109	984	1093	0	18	18
Chemicals	0	0	0	0	0	0	48	0	48	0	0	0	34	0	34	0	0	0
Iron ore	0	8957	8957	0	0	0	2740	2740	0	234	234	148	408	556	0	421	421	
Others	2127	2101	4228	13	151	164	1332	4899	6231	0	10	10	1906	7930	9836	67	6	73
<b>Total</b>	<b>28663</b>	<b>11523</b>	<b>40186</b>	<b>1337</b>	<b>1744</b>	<b>3081</b>	<b>31364</b>	<b>8558</b>	<b>39922</b>	<b>2208</b>	<b>3503</b>	<b>5711</b>	<b>36643</b>	<b>9357</b>	<b>46000</b>	<b>3960</b>	<b>1851</b>	<b>5811</b>

Table 2.2.2

**Traffic Handled at Non-Major Ports (State-wise & Principal Commodity-wise) -  
2010-11, 2011-12 & 2012-13**

('000 Tonnes)

Commodity	2010-11						2011-12						2012-13					
	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
<b>KARNATAKA</b>																		
Other Minerals	0	360	360	0	0	0	0	202	202	0	23	23	0	54	54	0	0	0
Fertiliser & FRM	17	0	17	0	0	0	29	0	29	0	0	0	52	0	52	0	0	0
Salt	0	0	0	32	0	32	0	0	0	64	0	64	51	0	51	0	0	0
Coal	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	0	0	0
POL & other Products	3	0	3	28	0	28	0	0	0	0	0	0	38	0	38	0	0	0
Bldg. Material	0	0	0	0	77	77	0	0	0	2	17	19	0	0	0	0	0	0
Iron ore	0	2322	2322	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	66	96	162	39	55	94	53	151	204	19	32	51	70	171	241	80	89	169
<b>Total</b>	<b>86</b>	<b>2778</b>	<b>2864</b>	<b>99</b>	<b>132</b>	<b>231</b>	<b>82</b>	<b>353</b>	<b>435</b>	<b>85</b>	<b>72</b>	<b>157</b>	<b>216</b>	<b>225</b>	<b>441</b>	<b>80</b>	<b>89</b>	<b>169</b>
<b>ODISHA</b>																		
Fertiliser & FRM	32	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron ore	0	130	130	0	0	0	56	0	56	0	0	0	0	288	288	0	1365	1365
Coal	142	0	142	0	0	0	4543	0	4543	0	20	20	8211	0	8211	0	682	682
Others	0	161	161	0	0	0	465	0	465	0	0	0	522	0	522	0	0	0
<b>Total</b>	<b>174</b>	<b>291</b>	<b>465</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5064</b>	<b>0</b>	<b>5064</b>	<b>0</b>	<b>20</b>	<b>20</b>	<b>8733</b>	<b>288</b>	<b>9021</b>	<b>0</b>	<b>2047</b>	<b>2047</b>
<b>ALL STATES</b>																		
POL & other Pdcts	83500	38695	122195	10218	12967	23185	90026	40903	130929	9492	15900	25392	103447	42836	146283	8819	13464	22283
Coal	53421	1631	55052	3133	277	3410	74273	1017	75290	3181	568	3749	99424	1013	100437	7908	918	8826
Building Material	308	3080	3381	3832	5107	8939	132	2967	3099	4237	5530	9767	434	2521	2955	3888	5110	8998
Fertiliser & FRM	12321	288	12609	114	3	117	15187	495	15682	60	1	61	12430	23	12453	75	20	95
Chemicals	570	1078	1648	96	309	405	345	367	712	305	281	586	253	30	283	14	21	35
Iron Ore	2079	26777	28856	9404	6	9410	891	19411	20302	10080	234	10314	3905	5762	9667	9766	2422	12188
Iron & Steel	1683	1232	2915	22	595	617	5515	2008	7523	199	747	946	1575	2107	3682	268	563	831
Other Ore	1286	198	1484	51	191	242	1225	482	1707	0	354	354	539	2540	3079	0	22	22
Salt	0	898	898	32	60	92	0	999	999	64	150	214	51	779	830	0	95	95
Oil Cake	0	381	381	0	1	1	0	500	500	0	0	0	0	410	410	0	0	0
Edible Oil	1931	1357	3288	0	42	42	2089	8	2097	0	0	0	2676	30	2706	0	0	0
Foodgrains	6	693	699	83	22	105	1	821	822	64	12	76	272	991	1263	51	14	65
Other Minerals	0	360	360	0	0	0	0	202	202	0	23	23	0	54	54	0	0	0
Others	18526	14819	33352	762	913	1675	20486	20204	40690	999	710	1709	24873	24452	49325	942	611	1553
<b>Total</b>	<b>175631</b>	<b>91487</b>	<b>267118</b>	<b>27747</b>	<b>20493</b>	<b>48240</b>	<b>210170</b>	<b>90384</b>	<b>300554</b>	<b>28681</b>	<b>24510</b>	<b>53191</b>	<b>249384</b>	<b>83548</b>	<b>332932</b>	<b>31731</b>	<b>23260</b>	<b>54991</b>

Source : States/UT Maritime Boards

Table 2.2.3

**Commodity-wise Overseas Cargo Traffic Handled At Select  
Non-Major Ports - 2010-11, 2011-12 & 2012-13**

('000 Tonnes)

Port/Commodity	2010-11			2011-12			2012-13		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
<b>GUJARAT</b>									
<b>1. Bedi</b>	<b>1297</b>	<b>651</b>	<b>1948</b>	<b>1472</b>	<b>846</b>	<b>2318</b>	<b>4151</b>	<b>2387</b>	<b>6538</b>
a)Others Ore	-	-	-	-	-	-	-	1346	1346
b)Fertilizers & FRM	455	-	455	497	-	497	473	-	473
c)Oil Cakes	-	381	381	-	500	500	-	410	410
d)Coal	842	270	1112	975	332	1307	3678	578	4256
e)Others	-	-	-	-	14	14	-	53	53
<b>2. Okha</b>	<b>1103</b>	<b>48</b>	<b>1151</b>	<b>1506</b>	<b>31</b>	<b>1537</b>	<b>1706</b>	<b>5</b>	<b>1711</b>
a)Chemicals	-	47	47	-	20	20	-	-	-
b) Coal	681	-	681	899	-	899	767	-	767
c)Ore	-	-	-	-	-	-	539	-	539
d)Others	422	1	423	607	11	618	400	5	405
<b>3.GAPL</b>	<b>35038</b>	<b>11378</b>	<b>46416</b>	<b>45901</b>	<b>13234</b>	<b>59135</b>	<b>57018</b>	<b>13762</b>	<b>70780</b>
a)Edible Oil	442	-	442	613	3	616	662	-	662
b)Food grains	-	664	664	-	784	784	272	681	953
c)Iron & steel	1520	913	2433	1481	1068	2549	1274	1125	2399
d)POL&Other Products	8009	175	8184	10089	33	10122	15521	17	15538
e)Fertiliser&FRM	3167	-	3167	4444	-	4444	3805	-	3805
f)Coal	13990	468	14458	18679	270	18949	24871	-	24871
g)Others	7910	9158	17068	10595	11076	21671	10613	11939	22552
<b>4.Navalakhi</b>	<b>4282</b>	<b>205</b>	<b>4487</b>	<b>5491</b>	<b>183</b>	<b>5674</b>	<b>6272</b>	<b>149</b>	<b>6421</b>
a)Coal	4244	-	4244	5491	-	5491	6272	-	6272
b)Salt	-	205	205	-	183	183	-	149	149
c)Others	38	-	38	-	-	-	-	-	-
<b>5.Mul-Dwarka</b>	<b>925</b>	<b>453</b>	<b>1378</b>	<b>783</b>	<b>300</b>	<b>1083</b>	<b>625</b>	<b>157</b>	<b>782</b>
a)Building Material	-	453	453	-	300	300	-	58	58
b)Coal	803	-	803	720	-	720	625	-	625
c)POL&Other Products	-	-	-	-	-	-	-	-	-
d)Others	122	-	122	63	-	63	-	99	99
<b>6. Sikka</b>	<b>65280</b>	<b>38750</b>	<b>104030</b>	<b>66660</b>	<b>39190</b>	<b>105850</b>	<b>71574</b>	<b>40638</b>	<b>112212</b>
a)POL&Other Products	64206	36441	100647	65731	38889	104620	70883	40638	111521
b)Fertiliser & FRM	711	209	920	549	301	850	484	-	484
c)Building Material	-	47	47	-	-	-	51	-	51
d)Coal	108	-	108	103	-	103	156	-	156
e)Edible oil	232	1347	1579	-	-	-	-	-	-
f)Others	23	706	729	277	-	277	-	-	-
<b>7. Magdalla</b>	<b>6094</b>	<b>1335</b>	<b>7429</b>	<b>5886</b>	<b>1974</b>	<b>7860</b>	<b>8603</b>	<b>2337</b>	<b>10940</b>
a)POL&Other Products	206	901	1107	206	852	1058	341	1080	1421
b)Iron Ore	797	50	847	97	99	196	1330	-	1330
c)Iron & Steel	3	293	296	12	941	953	144	950	1094
d)Coal	4119	-	4119	4347	-	4347	5160	195	5355
e)Others	969	91	1060	1224	82	1306	1628	112	1740
<b>8. Jafarabad</b>	<b>389</b>	<b>1905</b>	<b>2294</b>	<b>-</b>	<b>1880</b>	<b>1880</b>	<b>-</b>	<b>1333</b>	<b>1333</b>
a)Coal	389	-	389	-	415	415	-	240	240
b)Building Material	-	1905	1905	-	1465	1465	-	1093	1093
c)Others	-	-	-	-	-	-	-	-	-

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

**Commodity-wise Overseas Cargo Traffic Handled At Select  
Non-Major Ports - 2010-11, 2011-12 & 2012-13**

('000 Tonnes)

Port/Commodity	2010-11			2011-12			2012-13		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
<b>9. Dahej</b>	<b>11679</b>	<b>1505</b>	<b>13184</b>	<b>15127</b>	<b>1455</b>	<b>16582</b>	<b>21092</b>	<b>1149</b>	<b>22241</b>
a)POL&Other Products	8685	1121	9806	10924	1121	12045	12723	1096	13819
b)Chemicals	229	345	574	38	293	331	-	-	-
c)Fertiliser&FRM	440	-	440	695	-	695	729	-	729
d)Coal	863	-	863	2040	-	2040	7550	-	7550
e)Other ores	1280	-	1280	1225	9	1234	-	-	-
f)Others	182	39	221	205	32	237	90	53	143
<b>10. GPPL</b>	<b>5568</b>	<b>2172</b>	<b>7740</b>	<b>6354</b>	<b>2764</b>	<b>9118</b>	<b>5372</b>	<b>2631</b>	<b>8003</b>
a)Building Material	-	-	-	-	-	-	-	-	-
b)Coal	1675	-	1675	1940	-	1940	1276	-	1276
c)Iron&Steel	22	-	22	32	-	32	-	-	-
d)Fertiliser&FRM	1022	-	1022	700	-	700	787	-	787
e)Others	2849	2172	5021	3682	2764	6446	3309	2631	5940
<b>MAHARASHTRA</b>									
<b>1. Revdanda</b>	<b>809</b>	<b>129</b>	<b>938</b>	<b>511</b>	<b>159</b>	<b>670</b>	<b>1017</b>	<b>102</b>	<b>1119</b>
a)Iron Ore	500	102	602	320	159	479	277	102	379
b)Coal	309	-	309	191	-	191	740	-	740
c) Others	-	27	27	-	-	-	-	-	-
<b>2. Ratnagiri</b>	<b>514</b>	<b>-</b>	<b>514</b>	<b>448</b>	<b>-</b>	<b>448</b>	<b>540</b>	<b>3</b>	<b>543</b>
a) Chemicals	164	-	164	160	-	160	199	-	199
b) Coal	162	-	162	161	-	161	222	-	222
c) Others	188	-	188	127	-	127	119	3	122
<b>3) Dharamtar</b>	<b>2569</b>	<b>651</b>	<b>3220</b>	<b>3638</b>	<b>191</b>	<b>3829</b>	<b>3887</b>	<b>172</b>	<b>4059</b>
a) Iron ore	687	39	726	332	-	332	1155	10	1165
b) Coal	1436	329	1765	2432	-	2432	2014	-	2014
c)Iron&Steel	31	-	31	17	-	17	98	32	130
d)Fertiliser&FRM	145	44	189	230	-	230	54	-	54
e)Others	270	239	509	627	191	818	566	130	696
<b>4) Dahanu</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
a) Coal	-	-	-	-	-	-	-	-	-
<b>5)Dabhol</b>	<b>1</b>	<b>-</b>	<b>1</b>	<b>3</b>	<b>-</b>	<b>3</b>	<b>397</b>	<b>-</b>	<b>397</b>
a)Others	1	-	1	3	-	3	397	-	397
<b>KARNATAKA</b>									
<b>1. Karwar</b>	<b>85</b>	<b>947</b>	<b>1032</b>	<b>78</b>	<b>352</b>	<b>430</b>	<b>216</b>	<b>225</b>	<b>441</b>
a)Fertilizer &FRM	17	-	17	29	-	29	52	-	52
b) Other minerals	-	360	360	-	202	202	-	54	54
c)Iron ore	-	491	491	-	-	-	-	-	-
d)POL&Other Products	3	-	3	-	-	-	38	-	38
e)Others	65	96	161	49	150	199	126	171	297
<b>2.Belkeri</b>	<b>-</b>	<b>1831</b>	<b>1831</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
a) Iron ore	-	1831	1831	-	-	-	-	-	-
b)Others	-	-	-	-	-	-	216	-	-
<b>KERALA</b>									
<b>1.Kozikode/Beypore</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
a)Others	-	-	-	-	-	-	-	-	-
<b>2.Kovalam-Vizhinjam</b>	<b>-</b>	<b>7</b>	<b>7</b>	<b>-</b>	<b>6</b>	<b>6</b>	<b>-</b>	<b>8</b>	<b>8</b>
a)Others	-	7	7	-	6	6	-	8	8

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

**Commodity-wise Overseas Cargo Traffic Handled At Select  
Non-Major Ports - 2010-11, 2011-12 & 2012-13**

('000 Tonnes)

Port/Commodity	2010-11			2011-12			2012-13		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
<b>TAMILNADU</b>									
<b>1. Ennore</b>	<b>58</b>	<b>-</b>	<b>58</b>	<b>46</b>	<b>-</b>	<b>46</b>	<b>29</b>	<b>-</b>	<b>29</b>
a)Fertiliser&FRM	58	-	58	46	-	46	29	-	29
b)Others	-	-	-	-	-	-	-	-	-
<b>2, Nagapattinam</b>	<b>36</b>	<b>7</b>	<b>43</b>	<b>25</b>	<b>-</b>	<b>25</b>	<b>15</b>	<b>-</b>	<b>15</b>
a)Edible Oil	36	-	36	25	-	25	15	-	15
b)Others	-	7	7	-	-	-	-	-	-
<b>3. Cuddalore</b>	<b>210</b>	<b>-</b>	<b>210</b>	<b>227</b>	<b>1</b>	<b>228</b>	<b>237</b>	<b>8</b>	<b>245</b>
a)POL&Other Products	210	-	210	220	-	220	-	-	-
b)Fertiliser&FRM	-	-	-	-	-	-	223	-	223
c)Others	-	-	-	7	1	8	14	8	22
<b>GOA</b>									
<b>Panaji</b>	<b>96</b>	<b>14468</b>	<b>14564</b>	<b>165</b>	<b>14305</b>	<b>14470</b>	<b>113</b>	<b>3276</b>	<b>3389</b>
a) Iron ore	96	14468	14564	-	14305	14305	-	3276	3276
b) Coal	-	-	-	165	-	165	113	-	113
<b>ANDHRA PRADESH</b>									
<b>1. Kakinada Anchorage Por</b>	<b>358</b>	<b>746</b>	<b>1104</b>	<b>16</b>	<b>3098</b>	<b>3114</b>	<b>-</b>	<b>3929</b>	<b>3929</b>
a)Foodgrain	-	746	746	-	2020	2020	-	2815	2815
b)Fertiliser &FRM	123	-	123	10	-	10	-	-	-
c) Coal	147	-	147	-	-	-	-	-	-
d)Others	88	-	88	6	1078	1084	-	1114	1114
<b>2. Kakinada Deep Water Po</b>	<b>7000</b>	<b>2337</b>	<b>9337</b>	<b>5969</b>	<b>1835</b>	<b>7804</b>	<b>6272</b>	<b>2823</b>	<b>9095</b>
a)Fertiliser &FRM	3125	-	3125	3785	163	3948	2349	-	2349
b)Edible Oil	855	9	864	851	-	851	987	7	994
c)POL&Other Products	964	-	964	108	7	115	226	5	231
d)Iron ore	-	1018	1018	-	509	509	-	136	136
e)Coal	1500	-	1500	948	-	948	2313	-	2313
e)Others	556	1310	1866	277	1156	1433	397	2675	3072
<b>3.Krishnapatinam</b>	<b>10049</b>	<b>5856</b>	<b>15905</b>	<b>13633</b>	<b>1370</b>	<b>15003</b>	<b>17772</b>	<b>2154</b>	<b>19926</b>
a)Fertiliser &FRM	2115	-	2115	2197	-	2197	1553	-	1553
b) Iron ore	-	5355	5355	-	90	90	148	-	148
c) Coal	7389	-	7389	10629	-	10629	14979	-	14979
d)Building Material	-	456	456	-	744	744	-	984	984
e)Others	545	45	590	807	536	1343	1092	1170	2262
<b>4. Gangavaram</b>	<b>11256</b>	<b>2584</b>	<b>13840</b>	<b>11746</b>	<b>2256</b>	<b>14002</b>	<b>12599</b>	<b>451</b>	<b>13050</b>
a)Fertiliser &FRM	365	-	365	823	-	823	1162	-	1162
b) Iron ore	-	2584	2584	-	2141	2141	-	272	272
c) Coal	9587	-	9587	9959	-	9959	9865	-	9865
d)Others	1304	-	1304	964	115	1079	1572	179	1751
<b>PUDUCHERRY</b>									
<b>Karaikal</b>	<b>4627</b>	<b>101</b>	<b>4728</b>	<b>6240</b>	<b>168</b>	<b>6408</b>	<b>6436</b>	<b>431</b>	<b>6867</b>
a)Building Material	-	2	2	-	52	52	-	78	78
b)Coal	3974	-	3974	4839	-	4839	4666	-	4666
c)Fertiliser &FRM	465	35	500	1182	31	1213	607	-	607
d)POL&Other Products	-	-	-	-	-	-	411	-	411
e)Salt	88	-	88	69	-	69	-	-	-
f)Others	100	64	164	150	85	235	752	353	1105

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

**Commodity-wise Overseas Cargo Traffic Handled At Select**

**Non-Major Ports - 2010-11, 2011-12 & 2012-13**

(‘000 Tonnes)

Port/Commodity	2010-11			2011-12			2012-13		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
<b>ODISHA</b>									
<b>Gopalpur</b>	174	291	465	-	-	-	-	-	-
a) Fertiliser & FRM	32	-	32	-	-	-	-	-	-
b) Iron ore	-	130	130	-	-	-	-	-	-
c) Coal	142	-	142	-	-	-	-	-	-
d) Others	-	161	161	-	-	-	-	-	-
<b>Dhamra</b>	-	-	-	5064	-	5064	8733	288	9021
a) Iron ore	-	-	-	56	-	56	-	288	288
b) Coal	-	-	-	4543	-	4543	8211	-	8211
c) Others	-	-	-	465	-	465	522	-	522

Source : State / UT Maritime Boards

Table 2.2.4

**Commodity-wise Coastal Cargo Traffic Handled At Select  
Non-Major Ports - 2010-11, 2011-12 & 2012-13** ('000 Tonnes)

Port/Commodity	2010-11			2011-12			2012-13		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
<b>GUJARAT</b>									
<b>1.Bedi</b>	<b>2</b>	<b>171</b>	<b>173</b>	<b>42</b>	<b>363</b>	<b>405</b>	<b>-</b>	<b>158</b>	<b>158</b>
a)Coal	-	171	171	42	363	405	-	151	151
b)Building Material	2	-	2	-	-	-	-	-	-
c)Others	-	-	-	-	-	-	-	7	7
<b>2.Okha</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>88</b>	<b>88</b>	<b>-</b>	<b>33</b>	<b>33</b>
a) Other Ores	-	-	-	-	69	69	-	15	15
b)Coal	-	-	-	-	13	13	-	9	9
b) Others	-	-	-	-	6	6	-	9	9
<b>3.GAPL</b>	<b>4881</b>	<b>608</b>	<b>5489</b>	<b>5049</b>	<b>611</b>	<b>5660</b>	<b>5764</b>	<b>400</b>	<b>6164</b>
a)POL&Other Products	4880	235	5115	5000	247	5247	4037	275	4312
b)Coal	-	104	104	48	104	152	1675	-	1675
c) Iron Ore	-	-	-	-	-	-	52	-	52
d)Others	1	269	270	1	260	261	0	125	125
<b>4.Navlakhi</b>	<b>33</b>	<b>-</b>	<b>33</b>	<b>68</b>	<b>-</b>	<b>68</b>	<b>-</b>	<b>-</b>	<b>-</b>
a)Building Material	33	-	33	68	-	68	-	-	-
<b>5.Mul-Dwarka</b>	<b>-</b>	<b>2468</b>	<b>2468</b>	<b>-</b>	<b>2738</b>	<b>2738</b>	<b>-</b>	<b>2669</b>	<b>2669</b>
a)Building Material	-	2468	2468	-	2738	2738	-	2669	2669
<b>6.Sikka</b>	<b>330</b>	<b>11046</b>	<b>11376</b>	<b>65</b>	<b>12129</b>	<b>12194</b>	<b>817</b>	<b>11492</b>	<b>12309</b>
a) POL&Other Products	330	10669	10999	65	12065	12130	817	11441	12258
b) Edible oil	-	42	42	-	-	-	-	-	-
c) Salt	-	32	32	-	64	64	-	51	51
d) Others	-	303	303	-	-	-	-	-	-
<b>7.Magdalla</b>	<b>10480</b>	<b>614</b>	<b>11094</b>	<b>11596</b>	<b>928</b>	<b>12524</b>	<b>10986</b>	<b>740</b>	<b>11726</b>
a) POL&Other Products	3091	-	3091	3404	-	3404	3368	-	3368
b)Building Material	1050	-	1050	1443	-	1443	1530	-	1530
c) Iron Ore	6283	-	6283	6643	-	6643	6068	22	6090
d) Iron & Steel	-	521	521	5	683	688	-	500	500
e) Others	56	93	149	101	245	346	20	218	238
<b>8.Jafarabad</b>	<b>-</b>	<b>2169</b>	<b>2169</b>	<b>-</b>	<b>2238</b>	<b>2238</b>	<b>-</b>	<b>2072</b>	<b>2072</b>
a)Building Material	-	2169	2169	-	2238	2238	-	2072	2072
<b>9.Dahej</b>	<b>857</b>	<b>271</b>	<b>1128</b>	<b>783</b>	<b>251</b>	<b>1034</b>	<b>18</b>	<b>-</b>	<b>18</b>
a) POL&Other Products	657	-	657	163	-	163	-	-	-
b)Chemicals	5	271	276	274	247	521	-	-	-
c)Others	195	-	195	346	4	350	18	-	18
<b>10.GPPL</b>	<b>79</b>	<b>2</b>	<b>81</b>	<b>145</b>	<b>9</b>	<b>154</b>	<b>44</b>	<b>11</b>	<b>55</b>
a)Building Material	-	-	-	-	-	-	-	-	-
b) Iron & Steel	-	-	-	-	-	-	-	-	-
c)Iron Ore	27	-	27	31	-	31	40	-	40
d)Others	52	-	52	114	9	123	4	11	15
<b>GOA</b>									
<b>1. Panaji</b>	<b>17</b>	<b>-</b>	<b>17</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
a) Iron ore	17	-	17	-	-	-	-	-	-
b) Others	-	-	-	-	-	-	-	-	-

Table 2.2.4

**Commodity-wise Coastal Cargo Traffic Handled At Select  
Non-Major Ports - 2010-11, 2011-12 & 2012-13**

('000 Tonnes)

Port/Commodity	2010-11			2011-12			2012-13		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
	2	3	4	5	6	7	8	9	10
<b>MAHARASHTRA</b>									
<b>1.Ratnagiri</b>	<b>391</b>	<b>50</b>	<b>441</b>	<b>377</b>	<b>-</b>	<b>377</b>	<b>317</b>	<b>-</b>	<b>317</b>
a)Building Material	232	50	282	377	-	377	317	-	317
b) Others	159	-	159	-	-	-	-	-	-
<b>2.Dharamtar</b>	<b>3857</b>	<b>4</b>	<b>3861</b>	<b>3693</b>	<b>-</b>	<b>3693</b>	<b>5663</b>	<b>-</b>	<b>5663</b>
a) Iron Ore	2386	-	2386	2772	-	2772	3292	-	3292
b)Building Material	221	-	221	408	-	408	240	-	240
c)Coal	1118	2	1120	363	-	363	1578	-	1578
d) Others	132	2	134	150	-	150	553	-	553
<b>3. Revdanda</b>	<b>717</b>	<b>18</b>	<b>735</b>	<b>634</b>	<b>6</b>	<b>640</b>	<b>234</b>	<b>-</b>	<b>234</b>
a) Iron Ore	692	6	698	634	-	634	234	-	234
b) Iron & Steel	-	12	12	-	6	6	-	-	-
c) Others	25	-	25	-	-	-	-	-	-
<b>4. Ulwa-Belapur</b>	<b>1623</b>	<b>-</b>	<b>1623</b>	<b>1657</b>	<b>-</b>	<b>1657</b>	<b>1429</b>	<b>-</b>	<b>1429</b>
a)Building Material	1623	-	1623	1657	-	1657	1429	-	1429
b) Others	-	-	-	-	-	-	-	-	-
<b>5.Dabhol</b>	<b>12</b>	<b>5</b>	<b>17</b>	<b>36</b>	<b>1</b>	<b>37</b>	<b>2</b>	<b>-</b>	<b>2</b>
a) Iron & Steel	1	-	1	32	-	32	-	-	-
b) Others	11	5	16	4	1	5	2	-	2
<b>6.Dahanu</b>	<b>674</b>	<b>-</b>	<b>674</b>	<b>691</b>	<b>-</b>	<b>691</b>	<b>531</b>	<b>-</b>	<b>531</b>
a)Coal	674	-	674	691	-	691	531	-	531
<b>ODISHA</b>									
<b>1. Dhamra</b>	<b>17</b>	<b>-</b>	<b>17</b>	<b>-</b>	<b>20</b>	<b>20</b>	<b>-</b>	<b>2047</b>	<b>2047</b>
a) Coal	17	-	17	-	20	20	-	682	682
b) Iron Ore	-	-	-	-	-	-	-	1365	1365
<b>KERALA</b>									
<b>1.Kozikoda/ Beypore</b>	<b>30</b>	<b>77</b>	<b>107</b>	<b>17</b>	<b>79</b>	<b>96</b>	<b>15</b>	<b>70</b>	<b>85</b>
a)Building material	-	9	9	14	71	85	-	30	30
b)Foodgrains	4	-	4	3	4	7	9	3	12
c)Others	26	68	94	-	4	4	6	37	43
<b>2)Neendakara</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>3)Kovlam-Vizanjam</b>	<b>2</b>	<b>-</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>2</b>
a)Others	2	-	2	-	-	-	-	2	2
<b>ANDHRA PRADESH</b>									
<b>1.Rawa Port</b>	<b>-</b>	<b>1561</b>	<b>1561</b>	<b>-</b>	<b>3198</b>	<b>3198</b>	<b>-</b>	<b>1369</b>	<b>1369</b>
a)Crude Oil	-	1561	1561	-	3198	3198	-	1369	1369
<b>2.Kakinada Anchorae Port</b>	<b>13</b>	<b>29</b>	<b>42</b>	<b>-</b>	<b>50</b>	<b>50</b>	<b>-</b>	<b>18</b>	<b>18</b>
a)Salt	-	-	-	-	-	-	-	-	-
b)Building material	-	28	28	-	41	41	-	18	18
c)Others	13	1	14	-	9	9	-	-	-
<b>3.Kakinada Deep Water</b>	<b>1314</b>	<b>154</b>	<b>1468</b>	<b>1791</b>	<b>255</b>	<b>2046</b>	<b>2764</b>	<b>464</b>	<b>3228</b>
a)POL&other Products	258	2	260	175	21	196	145	17	162
b)Chemical	-	-	-	-	-	0	-	-	-
c)Coal	986	-	986	1559	-	1559	2501	-	2501
d)Iron Ore	-	-	-	-	234	234	-	421	421
d)Other	70	152	222	57	-	57	118	26	144
<b>4. Gangavaram</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
a)Iron & steel	-	-	-	-	-	-	-	-	-
b)Other	-	-	-	-	-	-	-	-	-

Table 2.2.4

**Commodity-wise Coastal Cargo Traffic Handled At Select  
Non-Major Ports - 2010-11, 2011-12 & 2012-13**

('000 Tonnes)

Port/Commodity	2010-11			2011-12			2012-13		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
<b>TAMIL NADU</b>									
<b>1.py-03</b>	-	152	152	-	59	59	-	-	-
a)POL&other Products	-	152	152	-	59	59	-	-	-
<b>2.Nagapattinam</b>	484	334	818	309	296	605	15	342	357
a)POL&other Products	484	330	814	309	291	600	15	342	357
b)Others	-	4	4	-	5	5	-	-	-
<b>3.Thirukkadaiyur</b>	327	-	327	235	-	235	274	-	274
a)POL&other Products	327	-	327	235	-	235	274	-	274
b)Others	-	-	-	-	-	-	-	-	-
<b>KARNATAKA</b>									
<b>1.Karwar</b>	84	11	95	67	-	67	-	-	-
a)Salt	32	-	32	64	-	64	-	-	-
b)Others	52	11	63	3	-	3	-	-	-
<b>2.Mangalore</b>	15	121	136	16	72	88	77	85	162
a)Other Minerals	-	-	-	-	23	23	-	-	-
b)Building Material	-	77	77	-	16	16	-	-	-
c)Others	15	44	59	16	33	49	77	85	162
<b>PUDUCHERRY</b>									
<b>1)Karaikal</b>	-	-	-	-	13	13	-	42	42
a)Others	-	-	-	-	13	13	-	42	42
<b>ANDAMAN &amp; NICOBAR</b>									
<b>a)Building Material</b>	460	206	666	268	59	327	255	24	279
<b>b)POL&amp;Other Products</b>	146	16	162	141	16	157	163	12	175
<b>c)Foodgrains</b>	63	17	80	64	12	76	50	6	56
<b>d)Others</b>	316	113	429	477	161	638	386	163	549

Source : State / UT Maritime Boards

**Table 2.2.5****Cargo Handled at Non-Major Ports ( By Steamers & Sailing vessels) State Wise - 2011-12 &2012-13**

(000 'Tonnes)

State/Port	Overseas				Coastal				Total	
	Unloaded		Loaded		Unloaded		Loaded		Overseas & Coastal	
	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11
<b>Gujarat</b>	157742	185321	63572	66824	17749	17747	19987	17925	259050	287817
Steamers	157742	185321	63572	66824	17749	17747	19987	17925	259050	287817
S.V.	-	-	-	-	-	-	-	-	-	-
<b>Maharastra</b>	9196	11630	3421	3131	7102	8759	228	678	19947	24198
Steamers	9196	11630	3421	3131	7102	8759	228	678	19947	24198
S.V.	-	-	-	-	-	-	-	-	-	-
<b>Goa</b>	165	113	14305	3276	-	-	-	-	14470	3389
Steamers	165	113	14305	3276	-	-	-	-	14470	3389
S.V.	-	-	-	-	-	-	-	-	-	-
<b>Karnataka</b>	82	216	353	225	85	80	72	89	592	610
Steamers	82	216	353	225	85	80	72	89	592	610
S.V.	-	-	-	-	-	-	-	-	-	-
<b>Tamilnadu</b>	307	285	1	8	544	289	358	351	1210	933
Steamers	307	285	1	8	544	289	358	351	1210	933
S.V.	-	-	-	-	-	-	-	-	-	-
<b>Andhra Pradesh</b>	31364	36643	8558	9357	2208	3960	3503	1851	45633	51811
Steamers	31364	36643	8558	9357	2208	3960	3503	1851	45633	51811
S.V.	-	-	-	-	-	-	-	-	-	-

Table 2.2.5

## Cargo Handled at Non-Major Ports ( By Steamers &amp; Sailing vessels) State Wise - 2011-12 &amp; 2012-13

(000 'Tonnes)

State/Port	Overseas				Coastal				Total	
	Unloaded		Loaded		Unloaded		Loaded		Overseas & Coastal	
	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11
<b>Kerala</b>	-	-	6	8	17	16	81	72	104	96
Steamers	-	-	6	8	17	16	81	72	104	96
S.V.	-	-	-	-	-	-	-	-	-	-
<b>Puducherry</b>	6240	6436	168	431	-	-	13	42	6421	6909
Steamers	6240	6436	168	431	-	-	13	42	6421	6909
S.V.	-	-	-	-	-	-	-	-	-	-
<b>Odisha</b>	5064	8733	-	288	-	-	20	2047	5084	11068
Steamers	5064	8733	-	288	-	-	20	2047	5084	11068
S.V.	-	-	-	-	-	-	-	-	-	-
<b>Sea Islands</b>	10	7	-	-	976	880	248	205	1234	1092
Steamers	10	7	-	-	976	880	248	205	1234	1092
S.V.	-	-	-	-	-	-	-	-	-	-
<b>All States</b>	210170	249384	90384	83548	28681	31731	24510	23260	353745	387923
<b>Steamers</b>	210170	249384	90384	83548	28681	31731	24510	23260	353745	387923
<b>S.V.</b>	-	-	-	-	-	-	-	-	-	-

Source : State / UT Maritime Boards

**Table 2.2.6****Manpower Employment At Non-Major  
Ports - 2012-13****(In No.)**

States/UTs	Officers		Regular Workers		Casual Workers
	Sanctioned	Actual	Sanctioned	Actual	
1	2	3	4	5	6
Gujarat	281	161	2469	1653	416
Maharashtra	44	24	469	337	25
Goa	13	7	173	148	0
Diu	1	1	9	9	2
Karnataka*	124	0	0	0	0
Kerala	43	32	106	101	1
Tamil Nadu	12	8	61	20	1
Puducherry	76	72	453	413	1047
Andhra Pradesh**	0	0	1195	1195	5734
Andaman & Nicobar Islands	78	62	448	363	16
Odisha	70	70	298	297	4776
<b>Total</b>	742	437	5681	4536	12018

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

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

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

Source : State / UT Maritime Boards

Table 2.2.7

## Physical Performance of Non-Major Ports (2011-12 &amp; 2012-13)

Maritime State/U.Ts./Port	No. of Vessels Left		Turn Round Time (in Days)	
	2011-12	2012-13	2011-12	2012-13
1	2	3	4	5
<b>GUJARAT</b>	9542	9249	-	N.A
<b>MAHARASHTRA #</b>				
Bandra	13	13	7.0	7.0
New Ferry	908	908	-	-
Shirwardhan	38	38	-	-
Bankot	349	349	-	-
Kiranpani	45	45	-	-
<b>KARNATAKA</b>				
Karwar	86	74	3-4	3-4
Malpe	63	52	1-2	1-2
Hangakatta	56	41	1-2	1-2
Mangalore	608	832	3-4	3-4
<b>TAMIL NADU</b>				
Nagapattinam	176	123	Neg	Neg
Tirukkadaiyur	13	36	1.0	1.0
Cuddalore	39	1	9.9	12.5
Cuddalore (Chemplast Jetty)	45	33	2.0	2.3
Ennore	7	4	2.0	2.0
Py-3	6	-	0.7	-
Kattupalli	4	2	7.0	2.0
Trichopuram	4	-	6.5	-
<b>GOA</b>				
Panaji	172	35	4.0	4.0
<b>ANDHRA PRADESH</b>				
Kakinada(Sea Port)	719	741	3.5	3.0
Kakinada(Anchorage)	228	N.A	Neg	-
Rawa	85	N.A	Neg	-
Krishnapatinam	438	623	3.3	4.0
<b>KERALA</b>				
Kozhikode/Bey pore	525	437	2.4	2.2
Koavalam/Vizhinjam	48	N.A	3.0	-
Kollam	11	3	2.0	2.0
Azhikkal	34	N.A	3-4	-
<b>ODISHA</b>				
Dhamra	83	145	4.0	11.1
<b>ANDAMAN &amp; NICOBAR</b>	-	9350	-	2 -3

\* Break up not given.

# Data related to last year

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
<b>MAJOR PORTS</b>									
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	57.50	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	561.09
2010-11	296.31	168.86	465.17	55.64	49.29	104.92	351.95	218.15	570.09
2011-12	306.76	147.56	454.56	55.98	49.89	105.53	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
<b>NON-MAJOR PORTS</b>									
1997-98	18.75	10.42	29.17	5.22	4.22	9.44	23.97	14.64	38.61
1998-99	15.93	8.42	24.35	6.34	5.62	11.96	22.27	14.04	36.31
1999-00	31.13	8.18	39.31	10.20	13.87	24.07	41.33	22.05	63.38
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	353.75
2012-13	249.38	83.55	332.93	31.73	23.26	54.99	281.12	106.81	387.92
<b>ALL PORTS</b>									
1997-98	136.18	72.67	208.85	4.77	37.65	81.42	179.95	110.32	290.27
1998-99	140.92	63.45	204.37	45.88	37.80	83.68	186.80	101.25	288.05
1999-00	164.93	64.81	229.74	60.12	45.49	105.61	225.05	110.30	335.35
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	297.43	223.29	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	850.03
2010-11	471.94	260.35	732.29	83.39	69.78	153.16	555.33	330.13	885.45
2011-12	516.93	237.94	755.11	84.66	74.40	158.72	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

Table 3.1.2

**Cargo Traffic At Indian Port- (In'000 Tonns)**

Port/State/Type of Traffic	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>GUJARAT</b>	117263	122194	128855	137692	149434	184247	215441	225035	285083	312787	341551	381436
Kandla	37728	40633	41523	41551	45907	52982	64920	72224	79500	81880	82501	93619
Other Ports	79535	81561	87332	96141	103527	131265	150521	152811	205583	230907	259050	287817
Overseas	95314	97572	103247	111691	123660	146295	192185	199107	242187	269049	293675	332241
Coastal	21949	24622	25608	26001	25774	37952	23256	25928	42896	43738	47876	49195
Loaded	36153	40600	43694	46379	47821	56420	64601	60201	78063	98045	105648	114966
Unloaded	81110	81594	85161	91313	101613	127827	150840	164834	207020	214742	235903	266470
<b>MAHARASHTRA</b>	53911	62265	71517	80138	93182	108759	124239	119588	127350	133778	141863	146724
Mumbai	26433	26796	29995	35187	44190	52364	57038	51876	54541	54586	56186	58038
J.L.Nehru	22521	26844	31190	32808	37836	44815	55838	57296	60763	64317	65730	64488
Other Ports	4957	8625	10332	12143	11156	11580	11363	10416	12046	14875	19947	24198
Overseas	39555	46044	54689	60476	70003	83450	95041	90191	97925	105071	115242	119426
Coastal	14356	16221	16828	19662	23179	25309	29198	29397	29425	28707	26621	27298
Loaded	19196	25156	28370	29911	37379	36029	40739	40801	37079	41536	44571	44819
Unloaded	34715	37109	43147	50227	55803	72730	83509	78787	90271	92242	97292	101905
<b>GOA</b>	25786	24223	36310	38860	43450	48547	47953	53582	62744	64641	53519	21127
Mormugao	22928	23649	27874	30659	31688	34241	35128	41681	48847	50060	39049	17738
Other Ports	2858	5574	8436	8201	11762	14306	12825	11901	13897	14581	14470	3389
Overseas	23857	27818	34969	37711	42452	47685	46832	52550	61196	63404	52384	20373
Coastal	1929	1405	1341	1149	998	862	1121	1032	1548	1237	1135	754
Loaded	20654	24449	31424	32978	37043	41218	40679	46570	54634	55328	44222	11944
Unloaded	5132	4774	4886	5882	6407	7329	7274	7012	8110	9313	9297	9183

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

**Cargo Traffic At Indian Port- (In'000 Tonns)**

Port/State/Type of Traffic	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>DAMAN &amp; DIU</b>	-	-	-	-	-	-	-	-	-	-	-	-
Other Ports	-	-	-	-	-	-	-	-	-	-	-	-
Overseas	-	-	-	-	-	-	-	-	-	-	-	-
Coastal	-	-	-	-	-	-	-	-	-	-	-	-
Loaded	-	-	-	-	-	-	-	-	-	-	-	-
Unloaded	-	-	-	-	-	-	-	-	-	-	-	-
<b>KARNATAKA</b>	18247	22102	27841	37397	38568	38603	44918	41659	44075	34645	33533	37646
New Mangalore	17501	21430	26673	33891	34451	32042	36019	36691	35528	31550	32941	37036
Other Ports	746	672	1168	3506	4117	6561	8899	4968	8547	3095	592	610
Overseas	13517	17740	22387	28823	30673	30640	38627	35482	36790	27684	27462	31261
Coastal	4730	4362	5454	8574	7895	7963	6291	6177	7285	6991	6071	6385
Loaded	9195	11238	14446	21440	21700	20326	25095	21613	22215	13094	9682	10028
Unloaded	9052	10864	13395	15957	16868	18277	19823	20046	21860	21251	23851	27618
<b>KERALA</b>	12186	13113	13630	14184	14023	15429	15914	15625	17548	17997	20194	19941
Cochin	12059	13024	13572	14103	13888	15257	15810	15494	17429	17873	20090	19845
Other Ports	127	89	58	81	135	172	104	131	119	124	104	96
Overseas	7032	8347	9830	10365	9842	10862	10670	11111	11898	13159	13306	13236
Coastal	5154	4766	3800	3819	4181	4567	5244	4514	5650	4838	6888	6705
Loaded	2000	2158	2572	3188	2971	3533	3708	2794	3680	3999	4400	3913
Unloaded	10186	10955	11058	10996	11052	11896	12206	12831	13868	13998	15794	16028
<b>TAMILNADU</b>	53068	56068	60355	69951	74266	82934	91084	91900	96721	99807	99978	100482
Tuticorin	13017	13294	13678	15811	17139	18001	21480	22011	23787	25727	28105	28260
Chennai	36115	33687	36710	43806	47248	53414	57154	57491	61057	61460	55707	53404
Ennore	3401	8485	9277	9480	9168	10714	11563	11500	10703	11009	14956	17885
Other Ports	535	602	690	854	711	805	887	898	1174	1611	1210	933
Overseas	31978	32835	36929	46655	53198	62038	70809	71367	75856	79169	79509	79509
Coastal	21090	23233	23426	23296	21068	20896	20275	20533	20865	20638	20469	20973
Loaded	16445	18010	20080	23639	24602	29156	32759	29896	29349	30014	29039	29534
Unloaded	36623	38058	40275	46312	49664	53778	58325	62004	67372	69793	70939	70948

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

**Cargo Traffic At Indian Port- (In'000 Tonns)**

Port/State/Type of Traffic	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>PONDICHERRY</b>	95	19	108	59	96	34	10	47	1316	4728	6421	6909
Other Ports	95	19	108	59	96	34	10	47	1316	4728	6421	6909
Overseas	95	19	108	59	85	34	10	47	1316	4728	6408	6867
Coastal	-	-	-	-	11	-	-	-	-	-	13	42
Loaded	-	8	71	26	56	18	-	-	38	101	181	473
Unloaded	95	11	37	33	40	16	10	47	1278	4627	6240	6436
<b>ANDHRA PRADESH</b>	49998	56242	57757	65215	73475	74994	83887	93628	109191	111308	113053	110849
Visakhapatnam	44344	46006	47736	50148	55801	56385	64597	63908	65501	68041	67420	59038
Other Ports	5654	10236	10021	15067	17674	18609	19290	29720	43690	43267	45633	51811
Overseas	29868	35943	38300	48133	54394	53676	60938	69929	85364	85177	84675	87211
Coastal	20130	20299	19457	17082	19081	21318	22949	23699	23827	26131	28378	23638
Loaded	20409	26835	25921	30818	34006	33486	38779	42381	49727	45180	40790	34972
Unloaded	29589	29407	31836	34397	39469	41508	45108	51247	59464	66128	72263	75877
<b>ORISSA</b>	21149	23901	25311	30104	33109	38517	42732	46707	57476	56503	59338	67620
Paradip	21131	23901	25311	30104	33109	38517	42437	46412	57011	56038	54254	56552
Other Ports	18	-	-	-	-	-	295	295	465	465	5084	11068
Overseas	10175	11700	13150	18580	23051	26777	30191	33958	45180	45118	46361	47967
Coastal	10974	12201	12161	11524	10058	11740	12541	12749	12296	11385	12977	19653
Loaded	14483	16910	18606	21666	21685	24855	25672	26615	28127	25107	18281	19771
Unloaded	6666	6991	6705	8438	11424	13662	17060	20092	29349	31396	41057	47849
<b>WEST BENGAL</b>	30403	35804	41260	46207	53143	55050	57329	54220	46423	47545	43248	39928
KDS	5374	7201	8693	9945	10806	12596	13741	12428	13045	12540	12233	11844
HDC	25029	28603	32567	36262	42337	42454	43588	41792	33378	35005	31015	28084
Other Ports	-	-	-	-	-	-	-	-	-	-	-	-
Overseas	24437	27341	32714	38086	44025	47447	50912	47187	39334	39388	35837	33660
Coastal	5966	8463	8546	8121	9118	7603	6417	7033	7089	8157	7411	6268
Loaded	7431	9344	11024	13001	16405	16735	18288	17547	16572	17030	15280	12911
Unloaded	22972	26460	30236	33206	36738	38315	39041	36673	29851	30515	27968	27017

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

**Cargo Traffic At Indian Port- (In'000 Tonns)**

Port/State/Type of Traffic	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>SEA-ISLANDS</b>	999	921	720	908	941	1590	2185	2035	2100	1705	1234	1092
Other Ports	999	921	720	908	941	1590	2185	2035	2100	1705	1234	1092
Overseas	-	-	-	5	4	6	9	76	486	342	10	7
Coastal	999	921	720	903	937	1584	2176	1959	1614	1337	1224	1085
Loaded	363	203	231	247	275	544	809	675	516	352	195	205
Unloaded	636	718	489	661	666	1046	1376	1360	1584	1353	1039	887
<b>ALL INDIA</b>	383105	421852	463664	520715	573687	648704	725692	744026	850027	885444	913932	933754
Major Ports	287581	313553	344799	383755	423568	463782	519313	530804	561090	570086	560187	545831
Other Ports	95524	108299	118865	136960	150119	184922	206379	213222	288937	315358	353745	387923
Overseas	275828	305359	346323	400584	451387	508910	596224	611005	697532	732289	754869	771758
Coastal	107277	116493	117341	120131	122300	139794	129468	133021	152495	153159	159063	161996
Loaded	146329	174911	196439	223293	243943	262320	291120	289093	320000	329786	312289	283536
Unloaded	236776	246941	267225	297422	329744	386384	434572	454933	530027	555358	601643	650218

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 &amp; Coastal) At Indian Ports - By State

('000 Tonnes)

Port/State/Type of Traffic	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>GUJARAT</b>												
Kandla	30024	30259	31214	32006	35731	41246	48404	54200	61893	61241	60412	63402
Other Ports	51086	51335	53947	59307	65882	86581	102436	110634	145127	153502	175491	203068
Total	81110	81594	85161	91313	101613	127827	150840	164834	207020	214743	235903	266470
Overseas	71757	70310	73215	78664	87723	114032	137352	150376	187390	193891	214117	244380
Coastal	9353	11284	11946	12649	13890	13795	13488	14458	19630	20852	21786	22090
<b>MAHARASHTRA</b>												
Mumbai	17310	16409	19052	23061	26867	39067	44540	42915	46826	46527	47776	47824
J. L. Nehru	12920	12668	14794	16633	19516	23270	29434	28166	32382	33414	33218	33692
Other Ports	4485	8032	9301	10533	9420	10393	9526	7706	11063	12269	16298	20389
Total	34715	37109	43147	50227	55803	72730	83500	78787	90271	92210	97292	101905
Overseas	27014	29025	35481	39558	47210	55846	62069	56983	68231	70526	77379	82376
Coastal	7701	8084	7666	10669	8593	16884	21439	21804	22040	21684	19913	19529
<b>GOA</b>												
Mormugao	4619	4380	4468	5631	6074	7050	7185	7012	7892	9200	9132	9070
Other Ports	513	394	418	251	333	279	89	0	218	113	165	113
Total	5132	4774	4886	5882	6407	7329	7274	7012	8110	9313	9297	9183
Overseas	3761	3731	3659	5035	5852	6705	6636	6395	7088	8389	8477	8560
Coastal	1371	1043	1227	847	555	624	638	617	1022	924	820	623
<b>KARNATAKA</b>												
New Mangalore	8757	10592	13047	15512	16519	17922	19625	19964	21569	21066	23684	27322
Other Ports	295	272	348	445	349	355	198	82	291	185	167	296
Total	9052	10864	13395	15957	16868	18277	19823	20046	21860	21251	23851	27618
Overseas	7496	9601	10657	11641	12758	13528	16759	16815	18096	17601	20358	23517
Coastal	1556	1263	2738	4316	4110	4749	3064	3231	3764	3650	3493	4101
<b>KERALA</b>												
Cochin	10094	10899	11018	10950	10968	11785	12189	12783	13834	13960	15775	16012
Other Ports	92	56	40	46	84	111	17	48	34	38	17	16
Total	10186	10955	11058	10996	11052	11896	12206	12831	13868	13998	15792	16028
Overseas	5816	7239	8174	8331	8044	8959	8529	9343	9570	10227	10563	10799
Coastal	4370	3716	2884	2665	3008	2937	3677	3488	4298	3771	5229	5229
<b>TAMIL NADU</b>												
Tuticorin	9811	9564	10184	12060	13375	13502	15472	16370	18652	18394	19561	19854
Chennai	23140	19606	20302	24745	27203	30759	32859	34645	38114	40325	36815	34374
Ennore	3401	8485	9277	8960	8631	8990	9373	10389	9767	9957	13712	16146
Other Port	271	403	512	547	455	527	621	600	839	1117	851	574
Total	36623	38058	40275	46312	49664	53778	58325	62004	67372	69793	70939	70948
Overseas	16879	16028	18170	25179	30941	34659	39721	43203	48276	51041	52035	51749
Coastal	19744	22030	22105	21133	18723	19119	18604	18801	19096	17635	18904	19199

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

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

('000 Tonnes)

Port/State/Type of Traffic	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
	1	3	4	5	6	7	8	9	10	11	12	13
<b>PONDICHERRY</b>												
Other Ports	95	11	37	33	40	16	10	47	1278	4627	6240	6436
Total	95	11	37	33	40	16	10	47	1278	4627	6240	6436
Overseas	95	11	37	33	40	16	10	47	1278	4627	6240	6436
Coastal	-	-	-	-	-	-	-	-	-	-	-	-
<b>ANDHRA PRADESH</b>												
Visakhapatnam	27436	25724	26367	25232	30651	32555	35675	35660	35477	36128	38691	35274
Other Ports	2153	3683	5469	9165	8818	8953	9433	15587	23987	30000	33572	40603
Total	29589	29407	31836	34397	39469	41508	45108	51247	59464	66128	72263	75877
Overseas	20031	20727	23641	29206	33185	35140	38045	43889	52727	59427	64484	66651
Coastal	9558	8680	8195	5191	6284	6368	7063	7358	6737	6701	7779	9226
<b>ORISSA</b>												
Paradip	6662	6991	6705	8438	11424	13662	16854	19891	29175	31222	35993	39116
Other Ports	4	-	-	-	-	-	206	201	174	174	5064	8733
Total	6666	6991	6705	8438	11424	13662	17060	20092	29349	31396	41057	47849
Overseas	5746	5914	5896	7931	10950	12826	15309	18683	27683	29832	38854	45581
Coastal	920	1077	809	507	474	836	1751	1409	1666	1564	2203	2268
<b>WEST BENGAL</b>												
KDS	4505	6337	7559	8201	8628	9780	10362	8800	8269	7258	7003	6471
HDC	18467	20123	22677	25005	28110	28535	28679	27873	21582	23257	20965	20546
Other Ports	-	-	-	-	-	-	-	-	-	-	0	0
Total	22972	26460	30236	33206	36738	38315	39041	36673	29851	30515	27968	27017
Overseas	20697	22089	25580	29298	32346	34594	35761	32920	25577	25734	24409	24528
Coastal	2275	4371	4656	3908	4392	3721	3280	3753	4274	4781	3559	2489
<b>SEA-ISLAND</b>												
Other Ports	636	718	489	661	666	1046	1376	1360	1584	1353	986	887
Total	636	718	489	661	666	1046	1376	1360	1584	1353	986	887
Overseas	-	-	-	5	4	6	9	76	476	342	10	7
Coastal	636	718	489	656	662	1040	1367	1284	1108	1011	976	880
<b>ALL INDIA</b>												
MAJOR PORTS	177146	182037	196664	216434	243697	278123	310651	318668	345432	351949	362737	369103
Other Ports	59630	64904	70561	80988	86047	108261	123912	136265	184595	203378	238851	281115
Total	236776	246941	267225	297422	329744	386384	434572	454933	530027	555327	601588	650218
Overseas	179292	184675	204510	234881	269053	316311	329218	378730	446392	471943	516926	564584
Coastal	57484	62266	62715	62541	60691	70073	67308	76203	83635	83384	84662	85634

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

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

Table 3.1.4

## Cargo Loaded (Overseas &amp; Coastal ) At Indian Ports - By State

('000 Tonnes)

Port / State	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>GUJARAT</b>												
Kandla	7704	10374	10309	9545	10176	11736	16516	18024	17607	20639	22089	30217
Other Ports	28449	30226	33385	36834	37645	44684	48085	42177	60456	77405	83559	84749
Total	36153	40600	43694	46379	47821	56420	64601	60201	78063	98044	105648	114966
Overseas	23557	27262	30032	33027	35937	32263	54833	48731	54797	75158	79559	87861
Coastal	12596	13338	13662	13352	11884	24157	9768	11470	23266	22886	26089	27105
<b>MAHARASHTRA</b>												
Mumbai	9123	10387	10943	12126	17323	13297	12489	8961	7715	8059	8410	10214
J. L. Nehru	9601	14176	16396	16175	18320	21545	26404	29130	28381	30903	32512	30796
Other Ports	472	593	1031	1610	1736	1187	1837	2710	983	2606	3649	3809
Total	19196	25156	28370	29911	37379	36029	40730	40801	37079	41568	44571	44819
Overseas	12541	17019	19208	20918	22793	27604	32972	33208	29694	34545	37863	37050
Coastal	6655	8137	9162	8993	14586	8425	7759	7593	7385	7023	6708	7769
<b>GOA</b>												
Mormugao	18309	19269	23406	25028	25614	27191	27943	34669	40955	40860	29917	8668
Other Ports	2345	5180	8018	7950	11429	14027	12736	11901	13679	14468	14305	3276
Total	20654	24449	81424	32978	37043	41218	40679	46570	54634	55328	44222	11944
Overseas	20096	24087	31310	32676	36600	40980	40196	46155	54108	55015	43907	11813
Coastal	558	362	114	302	443	238	483	415	526	313	315	131
<b>KARNATAKA</b>												
New Mangalore	8744	10838	13626	18379	17932	14120	16394	16727	13959	10484	9257	9714
Other Ports	451	400	820	3061	3768	6206	8701	4886	8256	2910	425	314
Total	9195	11238	14446	21440	21700	20326	25095	21613	22215	13394	9682	10028
Overseas	6021	8139	11730	17182	17915	17112	21868	18667	18694	10083	7104	7744
Coastal	3174	3099	2716	4258	3785	3214	3227	2946	3521	3311	2578	2284
<b>KERALA</b>												
Cochin	1965	2125	2554	3153	2920	3472	3621	2711	3595	3913	4315	3833
Other Ports	35	33	18	35	51	61	87	83	85	86	87	80
Total	2000	2158	2572	3188	2971	3533	3708	2794	3680	3999	4402	3913
Overseas	1216	1108	1656	2034	1798	1903	2141	1768	2328	2932	2743	2437
Coastal	784	1050	916	1154	1173	1630	1567	1026	1352	1067	1659	1476
<b>TAMIL NADU</b>												
Tuticorin	3206	3730	3494	3751	3764	4499	6008	5641	5135	7333	8544	8406
Chennai	12975	14081	16408	19061	20045	22655	24295	22846	22943	21135	18892	19030
Ennore	-	-	-	520	537	1724	2190	1111	936	1052	1244	1739
Other Ports	264	199	178	307	256	278	266	298	335	494	359	359
Total	16445	18010	20080	23639	24602	29156	32759	29896	29349	30014	29039	29534
Overseas	15099	16807	18759	21476	22257	27379	31088	28164	27580	33069	27474	27760
Coastal	1346	1203	1321	2163	2345	1777	1671	1732	1769	2192	1565	1774

**Table 3.1.4  
( Contd...)**

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

('000 Tonnes)

Port / State	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-	2009-10	2010-11	2011-12	2012-13	
	1	2	3	4	5	6	7	8	9	10	11	12	13
<b>PONDICHERRY</b>													
Other Ports	-	8	71	26	56	18	-	-	38	101	181	473	
Total	-	8	71	26	56	18	-	-	38	101	181	473	
Overseas	-	8	71	26	45	18	-	-	38	101	168	431	
Coastal	-	-	-	-	11	-	-	-	-	-	13	42	
<b>ANDHRA PRADESH</b>													
Visakhapatnam	16908	20282	21369	24916	25150	23830	28922	28248	30024	31913	28729	23764	
Other Ports	3501	6553	4552	5902	8856	9656	9857	14133	19703	13267	12061	11208	
Total	20409	26835	25921	30818	34006	33486	38779	42381	49727	45180	40790	34972	
Overseas	9837	15216	14659	18927	21209	18536	22893	26040	32637	25750	20191	20560	
Coastal	10572	11619	11262	11891	12797	14950	15886	16341	17090	19430	20599	14412	
<b>ORISSA</b>													
Paradip	14469	16910	18606	21666	21685	24855	25583	26521	27836	24810	18261	17436	
Other Ports	14	-	-	-	-	-	89	94	291	291	20	2335	
Total	14483	16910	18606	21666	21685	24855	25672	26615	28127	25101	18281	19771	
Overseas	4429	5786	7254	10649	12101	13951	14882	15275	17497	15286	7507	2386	
Coastal	10054	11124	11352	11017	9584	10904	10790	13340	10630	9821	10774	17385	
<b>WEST BENGAL</b>													
KDS	869	864	1134	1744	2178	2816	3379	3628	4776	5282	10050	5373	
HDC	6562	8480	9890	11257	14227	13919	14909	13919	11796	11748	5230	7538	
Other Ports	-	-	-	-	-	-	-	-	-	-	-	-	
Total	7431	9344	11024	13001	16405	16735	18288	17547	16572	17030	15280	12911	
Overseas	3740	5252	7134	8788	11679	12853	15151	14267	13757	13654	11428	9132	
Coastal	3691	4092	3890	4213	4726	3882	3137	3280	2815	3376	3852	3779	
<b>SEA-ISLANDS</b>													
Other Ports	363	203	231	247	275	544	809	675	516	352	248	205	
Total	363	203	231	247	275	544	809	675	516	352	248	205	
Overseas	-	-	-	-	-	-	-	-	10	-	-	-	
Coastal	363	203	231	247	275	544	809	675	506	352	248	205	
<b>ALL INDIA</b>													
Major Ports	110435	131516	148135	167321	179871	185659	208653	212136	215658	218137	197450	176728	
Other Ports	35894	43395	48304	55972	64072	76661	82467	76957	104342	111980	114894	106808	
Total	146329	174911	196439	223293	243943	262320	291120	289093	320000	330117	312344	283536	
Overseas	96536	120684	141813	165703	182334	192599	236024	232275	251140	260346	238183	207174	
Coastal	49793	54227	54626	57590	61609	69721	55097	56818	68860	69771	74161	76362	

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
1980-81	39.09	28.50	67.59	7.73	4.95	12.68	46.82	33.45	80.27
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

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	N.Mangalore	Cochin	Tuticorin	Chennai	Ennore	Visakhapatnam	Paradip	Kolkata/Haldia	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1970-71	1.61	14.37	-	11.01	-	4.81	-	6.92	-	8.73	2.16	5.97	55.58
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

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
<b>ALL PORTS</b>								
1986-87	53070	2387	4075	30609	8551	1402	24272	124366
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	80584	64634	4930	148688	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	1757	194063	561090
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
<b>KANDLA</b>								
1986-87	11928	270	127	0	0	454	3415	16194
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

**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
<b>MUMBAI (a)</b>								
1986-87	16313	236	985	0	-	497	7043	25074
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	28946
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	578	15168	54541
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
<b>J.L.NEHRU</b>								
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

(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
<b>MORMUGAO</b>								
1986-87	784	229	226	13472	-	-	208	14919
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
<b>NEW MANGALORE</b>								
1986-87	533	165	-	3873	-	-	860	5431
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

**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
<b>COCHIN</b>								
1986-87	5432	139	734	...	-	15	563	6883
1987-88	5366	110	757	...	-	23	546	6802
1988-89	6268	139	549	...	-	175	693	7824
1989-90	5589	209	680	...	-	45	601	7124
1990-91	5804	181	684	...	-	40	566	7275
1991-92	5881	148	821	...	-	19	612	7481
1992-93	6222	136	800	...	-	90	730	7978
1993-94	6101	39	704	...	-	-	776	7620
1994-95	6635	95	816	...	-	-	1085	8631
1995-96	9416	194	803	...	-	9	1081	11503
1996-97	9218	194	786	...	119	32	1393	11742
1997-98	9613	160	688	...	141	164	1557	12323
1998-99	9665	72	683	...	157	289	1815	12681
1999-00	9885	53	616	...	156	98	2033	12841
2000-01	9681	28	594	...	176	12	2653	13144
2001-02	8588	107	539	...	92	11	2722	12059
2002-03	9368	97	534	...	187	18	2820	13024
2003-04	9960	101	403	...	142	-	2966	13572
2004-05	10277	71	495	...	210	-	3050	14103
2005-06	9641	81	646	...	199	-	3321	13888
2006-07	10475	79	560	...	219	184	3740	15257
2007-08	11300	83	271	27	246	6	3877	15810
2008-09	10492	193	265	...	259	-	4285	15494
2009-10	11938	135	211	...	148	-	4997	17429
2010-11	12121	76	353	...	40	-	5283	17873
2011-12	14084	115	315	...	34	-	5542	20090
2012-13	14027	22	331	...	28	-	5437	19845
<b>TUTICORIN</b>								
1986-87	327	132	478	...	2802	-	391	4130
1987-88	364	106	320	...	2904	70	497	4261
1988-89	468	145	532	...	2981	408	591	5125
1989-90	476	434	231	...	2926	159	1098	5324
1990-91	470	288	327	...	2635	110	1245	5075
1991-92	496	302	442	...	3116	75	1437	5868
1992-93	510	378	431	...	3162	189	1545	6215
1993-94	463	205	209	...	3937	29	1857	6700
1994-95	417	221	463	...	4495	-	2445	8041
1995-96	434	412	376	...	5620	16	2428	9286
1996-97	466	259	364	...	5493	131	2461	9174
1997-98	459	512	711	...	5578	146	2568	9974
1998-99	441	413	849	...	5204	194	3049	10150
1999-00	532	423	791	...	4163	196	3888	9993
2000-01	460	332	884	...	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

**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
<b>CHENNAI</b>								
1986-87	6724	620	259	5304	781	98	5989	19775
1987-88	7337	373	317	5400	1866	45	7481	22819
1988-89	8769	410	326	5746	2616	471	5225	23863
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
<b>ENNORE</b>								
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
<b>VISAKHAPATNAM</b>								
1986-87	5307	164	540	5881	976	263	1904	15035
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

**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
<b>PARADIP</b>								
1986-87	-	61	494	2079	1511	-	708	4853
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
<b>KOLKATA/HALDIA</b>								
1986-87	5722	371	232	-	2481	75	3191	12072
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

Source : Major Ports

Table 3.2.4

## 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
<b>KANDLA</b>									
1995-96	21626	4356	25982	4247	110	4357	25873	4466	30339
1996-97	24360	4331	28691	4907	132	5039	29267	4463	33730
1997-98	29755	3702	33457	5266	178	5444	35021	3880	38901
1998-99	31626	4023	35649	4831	157	4988	36457	4180	40637
1999-00	34700	3402	38102	7935	266	8201	42635	3668	46303
2000-01	26704	4400	31104	5250	387	5637	31954	4787	36741
2001-02	26434	6855	33289	3590	849	4439	30024	7704	37728
2002-03	26865	9377	36242	3394	997	4391	30259	10374	40633
2003-04	27906	9207	37113	3308	1102	4410	31214	10309	41523
2004-05	28328	8655	36983	3678	890	4568	32006	9545	41551
2005-06	31516	9457	40973	4215	719	4934	35731	10176	45907
2006-07	36601	10684	47285	4645	1052	5697	41246	11736	52982
2007-08	43591	14623	58214	4813	1893	6706	48404	16516	64920
2008-09	50663	14014	64677	3537	4010	7547	54200	18024	72224
2009-10	57505	11830	69335	4388	5777	10165	61893	17607	79500
2010-11	57285	15258	72543	3956	5381	9337	61241	20639	81880
2011-12	56374	15987	72361	4038	6102	10140	60412	22089	82501
2012-13	59059	21037	80096	4343	9180	13523	63402	30217	93619
<b>MUMBAI</b>									
1995-96	16990	5722	22712	330	10874	11204	17320	16596	33916
1996-97	18054	6596	24650	316	8761	9077	18370	15357	33727
1997-98	17684	5824	23508	1623	6966	8589	19307	12790	32097
1998-99	17548	5070	22618	1618	6734	8352	19166	11804	30970
1999-00	17512	3922	21434	2879	6099	8978	20391	10021	30412
2000-01	14799	3593	18392	2160	6511	8671	16959	10104	27063
2001-02	14558	3373	17931	2752	5750	8502	17310	9123	26433
2002-03	14588	3464	18052	1821	6923	8744	16409	10387	26796
2003-04	17496	3519	21015	1556	7424	8980	19052	10943	29995
2004-05	19185	4313	23498	3876	7813	11689	23061	12126	35187
2005-06	25249	4222	29471	1618	13101	14719	26867	17323	44190
2006-07	30411	5792	36203	8656	7505	16161	39067	13297	52364
2007-08	31503	5436	36939	13037	7062	20099	44540	12498	57038
2008-09	28210	4591	32801	14705	4370	19075	42915	8961	51876
2009-10	33191	3971	37162	13635	3744	17379	46826	7715	54541
2010-11	34716	4610	39326	11811	3449	15260	46527	8059	54586
2011-12	36536	5393	41929	11240	3017	14257	47776	8410	56186
2012-13	38224	5416	43640	9600	4798	14398	47824	10214	58038
<b>J.L.NEHRU</b>									
1995-96	4314	2559	6873	-	-	-	4314	2559	6873
1996-97	4185	3261	7446	623	-	623	4808	3261	8069
1997-98	5052	3418	8470	321	104	425	5373	3522	8895
1998-99	6553	4257	10810	865	48	913	7418	4305	11723
1999-00	8193	5831	14024	880	72	952	9073	5903	14976
2000-01	9120	7644	16764	1491	320	1811	10611	7964	18575
2001-02	11174	9168	20342	1746	433	2179	12920	9601	22521
2002-03	11237	13415	24652	1431	761	2192	12668	14176	26844
2003-04	12964	15487	28451	1830	909	2739	14794	16396	31190
2004-05	14591	15437	30028	2042	738	2780	16633	16175	32808
2005-06	17442	17485	34927	2074	835	2909	19516	18320	37836
2006-07	20994	21047	42041	2276	498	2774	23270	21545	44815
2007-08	26727	26015	52742	2707	389	3096	29434	26404	55838
2008-09	25880	26241	52121	2286	2889	5175	28166	29130	57296
2009-10	30069	25077	55146	2313	3304	5617	32382	28381	60763
2010-11	31080	27524	58604	2334	3379	5713	33414	30903	64317
2011-12	31647	29049	60696	1571	3463	5034	33218	32512	65730
2012-13	32522	28503	61025	1170	2293	3463	33692	30796	64488

**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
<b>MORMUGAO</b>									
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
<b>NEW MANGALORE</b>									
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	3139	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
<b>COCHIN</b>									
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

**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
<b>TUTICORIN</b>									
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
<b>CHENNAI</b>									
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
<b>ENNORE</b>									
2001-02	-	-	-	3401	-	3401	3401	-	3401
2002-03	-	-	-	8485	-	8485	8485	-	8485
2003-04	-	-	-	9277	-	9277	9277	-	9277
2004-05	122	520	642	8838	-	8838	8960	520	9480
2005-06	1066	537	1603	7565	-	7565	8631	537	9168
2006-07	653	1724	2377	8337	-	8337	8990	1724	10714
2007-08	1212	2190	3402	8161	-	8161	9373	2190	11563
2008-09	1848	1111	2959	8541	-	8541	10389	1111	11500
2009-10	1313	936	2249	8454	-	8454	9767	936	10703
2010-11	2048	1052	3100	7909	-	7909	9957	1052	11009
2011-12	5457	1244	6701	8255	-	8255	13712	1244	14956
2012-13	7724	1739	9463	8422	-	8422	16146	1739	17885
<b>VISAKHAPATNAM</b>									
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

**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
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
<b>PARADIP</b>									
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
<b>KOLKATA/HALDIA</b>									
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

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
<b>ALL PORTS</b>										
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	

**Table 3.2.5****Container Traffic Handled at Major Ports**

(In Million Tonnes)

Item	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>1. LOADED</b>													
i) Indian Lines	1.71	1.99	2.45	2.81	2.91	3.19	2.73	2.03	2.46	3.94	2.23	3.33	2.72
ii) Foreign Lines	14.96	17.32	21.28	24.45	25.31	27.74	35.42	44.16	44.42	43.67	54.06	56.69	56.39
iii) Total	16.67	19.31	23.73	27.26	28.22	30.93	38.15	46.19	46.88	47.61	56.29	60.02	59.11
<b>2. UNLOADED</b>													
i) Indian Lines	1.58	1.81	2.01	2.39	2.67	3.12	1.56	2.23	1.16	3.61	1.65	3.11	2.55
ii) Foreign Lines	14.09	16.13	17.95	21.39	23.90	27.96	33.76	43.83	45.33	64.48	56.23	57.14	58.20
iii) Total	15.67	17.94	19.96	23.78	26.57	31.08	35.32	46.06	46.49	68.09	57.88	60.25	60.75
<b>3. Total</b>													
i) Indian Lines	3.29	3.80	4.46	5.20	5.58	6.31	4.29	4.26	3.62	7.55	3.88	6.44	5.27
ii) Foreign Lines	29.05	33.45	39.23	45.84	49.21	55.70	69.18	87.99	89.75	108.15	110.29	113.84	114.59
iii) Total	32.34	37.25	43.69	51.04	54.79	62.01	73.47	92.25	93.37	115.70	114.17	120.28	119.87
4. General Cargo (Break Bulk & Container)	46.37	52.92	64.47	69.77	72.50	82.85	97.40	123.79	120.01	132.59	146.47	156.14	158.09
% Of Container Cargo to general cargo	69.80	70.40	67.80	73.10	75.60	74.80	75.43	74.52	77.80	87.26	77.95	77.03	75.82

Table 3.2.6

## Trend in Container Traffic Handled at Major Ports

(In '000 Tonnes)

Item	Kandla	Mumbai	J. L. Nehru	Mormu -gao	N.Mangalore	Cochin	Tuti-corin	Chennai	Visakha-patnam	Paradip	Kolkata Dock System	Haldia Dock Complex	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>LOADED</b>													
1997-98	805	3922	3389	22	-	754	742	1651	95	-	1116	293	12789
1998-99	521	3146	4234	23	-	799	785	1471	84	1	812	376	12252
1999-00	703	2602	5674	24	-	865	925	1958	132	-	845	366	14094
2000-01	806	1766	7547	31	18	1042	940	2880	168	-	817	658	16673
2001-02	1164	1188	9954	44	34	1217	1280	2757	178	4	512	975	19307
2002-03	1537	811	13282	70	58	1074	1375	3536	191	25	574	1199	23732
2003-04	1605	713	15616	77	61	1166	1585	4106	197	58	636	1436	27256
2004-05	1477	568	15399	72	71	1264	1961	4718	370	31	1070	1220	28221
2005-06	1340	614	17317	67	81	1100	2035	5664	365	48	1252	1044	30927
2006-07	1733	631	21582	79	158	1457	2444	6809	512	34	1610	1105	38154
2007-08	1546	866	27179	84	166	1553	2877	8679	678	57	1903	1383	46971
2008-09	1233	720	25931	87	186	1383	2807	9964	737	34	2307	1319	46708
2009-10	1437	58	24609	89	241	1960	3396	11410	884	52	2534	963	47633
2010-11	1595	87	26966	95	344	2177	4931	14381	1330	66	2799	1512	56283
2011-12	1813	53	28492	111	356	1854	6129	14536	2046	100	3255	1279	60024
2012-13	1481	176	27650	111	362	1688	5887	14604	2280	156	3506	1212	59113
<b>UNLOADED</b>													
1997-98	494	4175	2661	16	-	302	374	1351	51	-	1006	88	10518
1998-99	395	3923	3795	23	-	531	428	1471	88	-	1159	51	11864
1999-00	431	3528	5006	41	-	571	708	2018	130	-	1272	68	13773
2000-01	481	2598	6731	26	6	630	629	3109	110	8	1194	148	15670
2001-02	588	2496	8530	26	11	682	919	3100	143	3	899	548	17945
2002-03	688	2332	9582	40	26	997	926	3683	105	8	924	651	19962
2003-04	801	2103	12169	56	35	959	1102	4522	80	3	1110	839	23779
2004-05	1277	2003	13348	67	65	1059	1244	5146	265	-	1287	809	26570
2005-06	971	1531	16460	63	68	1388	1393	6093	266	1	1982	866	31082
2006-07	1045	949	19229	76	107	1492	1567	7357	287	0	2393	813	35315
2007-08	1070	766	24744	82	153	1630	2753	9371	455	1	3236	1014	45275
2008-09	903	571	24671	91	218	2139	2675	10617	624	0	3169	1054	46732
2009-10	995	549	28487	140	234	1969	3203	12067	794	0	4111	1105	53654
2010-11	991	566	29460	125	224	2242	3238	15040	1242	3	3421	1323	57875
2011-12	979	498	29741	168	289	2861	3098	15540	2167	9	3563	1340	60253
2012-13	454	653	30261	147	330	2919	3485	15104	2274	15	3454	1657	60753
<b>TOTAL</b>													
1997-98	1299	8097	6050	38	-	1056	1116	3002	146	-	2122	381	23307
1998-99	916	7069	8029	46	-	1330	1213	2942	172	1	1971	427	24116
1999-00	1134	6130	10680	65	-	1436	1633	3976	262	-	2117	434	27867
2000-01	1287	4364	14278	57	24	1672	1569	5989	278	8	2011	806	32343
2001-02	1752	3684	18484	70	45	1899	2199	5857	321	7	1411	1523	37252
2002-03	2225	3143	22864	110	84	2071	2301	7219	296	33	1498	1850	43694
2003-04	2406	2816	27785	133	96	2125	2687	8628	277	61	1746	2275	51035
2004-05	2754	2571	28747	139	136	2323	3205	9864	635	31	2357	2029	54791
2005-06	2311	2145	33777	130	149	2488	3428	11757	631	49	3234	1910	62009
2006-07	2778	1580	40811	155	265	2949	4011	14166	799	34	4003	1918	73469
2007-08	2616	1632	51923	166	319	3183	5630	18050	1133	58	5139	2397	92246
2008-09	2136	1291	50602	178	404	3522	5482	20581	1361	34	5476	2373	93440
2009-10	2432	607	53096	229	475	3929	6599	23477	1678	52	6645	2068	101287
2010-11	2586	653	56426	220	568	4419	8169	29421	2572	69	6220	2835	114158
2011-12	2792	551	58233	279	645	4715	9227	30076	4213	109	6818	2619	120277
2012-13	1935	829	57911	258	692	4607	9372	29708	4554	171	6960	2869	119866

Table 3.2.7

## 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
<b>MUMBAI</b>									
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	-	-	-	3.6	2.6	6.2
2003-04	1.7	1.9	3.6	-	-	-	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	8.0	8.0	16.0
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
<b>COCHIN</b>									
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	71.5	79.5	151.0
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
<b>CHENNAI</b>									
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
<b>PARADIP</b>									
2009-10	-	-	-	-	-	-	-	-	-
2010-11	-	-	-	-	-	-	-	-	-
2011-12	-	-	-	-	-	-	-	-	-
2012-13	-	-	-	-	-	-	-	-	-
<b>TUTICORIN</b>									
2010-11	-	-	-	-	-	-	-	-	-
2011-12	7.6	4.6	12.2	-	-	-	7.6	4.6	12.2
2012-13	-	-	-	-	-	-	-	-	-
<b>VISAKHAPATNAM</b>									
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
<b>KOLKATA/HALDIA</b>									
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

**Table  
3.2.7(Cont)**

**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
<b>MORMUGAO</b>									
2005-06	0	0	2.6	0	0	26.7	0	0	29.3
2006-07	0	0	11.9	0	0	30.4	0	0	42.3
2007-08	0	0	13.0	-	-	-	0	0	13.0
2008-09	0	0	10.9	-	-	-	0	0	10.9
2009-10	0	0	18.7	0	0	0	0	0	18.7
2010-11	0	0	9.4	0	0	0	0.0	0.2	9.4
2011-12	0	0	19.7	0	0	0	0.2	0.2	19.7
2012-13	0	0	0	0	0	0	0.1	0.2	18.1
<b>NEW MANGALORE</b>									
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
<b>ALL MAJOR PORTS</b>									
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	24.1	141.7	138.0	279.7	152.3	148.7	303.8
2005-06	10.9	10.6	24.6	145.1	141.3	286.4	156.0	151.9	311.0
2006-07	11.7	11.7	26.0	184.3	171.0	382.0	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	43.1	228.5	211.7	440.2	243.9	226.4	483.3
2009-10	21.3	20.3	52.5	139.6	137.7	277.3	160.9	158.0	329.8
2010-11	26.2	26.6	62.2	157.1	162.2	319.3	161.7	167.4	338.3
2011-12	36.2	39.9	95.8	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

(a) : Included in coastal.

Note : There was no Passenger Traffic at Kandla, J. L. Nehru, Ennore and Tuticorin Ports for the period 1992-93 to 2002010-11

\*At New Mangalor Port, no passenger traffic handled. However 10196 tourists of 15 cruise vessels were visited the port and opted for ground tour and visited tourist destination of Karnataka during the year 2012-13

Table 3.2.8

## Number, Type And Size Of Ships Handled at Major Ports

(GRT in '000)

Port	Year	Container		Break Bulk		Dry Bulk		Liquid Bulk		Lash		Ro-Ro		Total	
		No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Kandla	2000-01	194	1365	269	2935	253	3473	736	18963	-	-	-	-	1452	26736
	2001-02	263	1918	370	4075	311	4591	728	18249	-	-	-	-	1672	28833
	2002-03	289	2751	460	5570	288	4512	776	19479	-	-	-	-	1813	32312
	2003-04	295	2872	364	4212	375	5454	789	20495	-	-	-	-	1823	33033
	2004-05	276	2813	439	4541	403	5772	822	20767	-	-	-	-	1940	33893
	2005-06	252	2578	505	5568	461	7292	906	22884	-	-	-	-	2124	38322
	2006-07	264	2565	595	6181	449	7316	1010	27845	-	-	-	-	2318	43907
	2007-08	235	2747	557	5843	598	9373	1208	34386	-	-	-	-	2598	52349
	2008-09	221	2625	448	5319	636	10683	1212	37981	-	-	-	-	2517	56608
	2009-10	255	3095	437	5872	663	11910	1421	42561	-	-	-	-	2776	63438
	2010-11	226	2699	431	6017	684	13082	1351	43127	-	-	-	-	2692	64925
	2011-12	225	2798	456	6407	715	14600	1318	42101	-	-	-	-	2714	65906
	2012-13	195	2596	452	7069	715	16861	1372	47669	-	-	-	-	2734	74195
Mumbai	2000-01	472	5950	457	5030	134	1910	847	15730	11	310	(c)	(c)	1921	28930
	2001-02	388	4190	466	5200	143	2260	790	16070	9	260	(c)	(c)	1796	27980
	2002-03	316	4310	459	5350	131	2440	721	16080	2	70	(c)	(c)	1629	28250
	2003-04	298	4270	532	5540	128	2650	840	18080	2	80	(c)	(c)	1800	30620
	2004-05	249	3650	581	8300	216	4670	834	19910	3	110	(c)	(c)	1883	36640
	2005-06	220	2960	665	10790	235	4940	933	22300	-	-	(c)	(c)	2053	40990
	2006-07	133	2120	749	11920	234	5640	970	24070	1	40	-	-	2087	43790
	2007-08	12	190	765	12250	234	6050	1055	25050	-	-	-	-	2066	43540
	2008-09	12	320	672	11380	233	6030	1014	23000	-	-	-	-	1931	40730
	2009-10	10	300	732	14600	283	7400	1021	24930	-	-	-	-	2046	47230
	2010-11	14	330	715	15400	336	9090	1027	26250	-	-	-	-	2092	51070
	2011-12	14	460	568	13900	333	9190	1102	27810	-	-	-	-	2017	51360
	2012-13	32	320	475	12870	370	10670	1031	28180	-	-	-	-	1908	52040
J.L. Nehru	2000-01	1247	21461	-	-	88	1071	269	3484	-	-	102(d)	2489	1706	28505
	2001-02	1498	30347	-	-	68	879	260	3533	-	-	243(d)	2506	2069	37265
	2002-03	1544	35654	-	-	55	698	284	3471	-	-	299(d)	2780	2182	42603
	2003-04	1678	41780	57	118	36	419	298	4064	-	-	1848(d)	5365	3917	51746
	2004-05	1600	39120	28	108	32	344	356	4988	-	-	308(d)	2325	2324	46885
	2005-06	1754	40657	64	1015	-	-	305	4920	-	-	1932(d)	2699	4055	49291
	2006-07	2070	55113	13	106	46	513	321	5305	-	-	324(d)	662	2775	61699
	2007-08	2339	65258	9	89	48	542	333	5516	-	-	390(d)	875	5140	72280
	2008-09	2221	68407	7	78	57	647	428	7266	-	-	11	440	2724	76838
	2009-10	2470	76079	10	113	66	724	524	9002	-	-	2	80	3072	85998
	2010-11	2490	79106	60	528	71	791	507	3939	-	-	2644	4455	5772	88819
	2011-12	2233	77374	67	669	168	554	461	8859	-	-	2646	4593	5575	92049
	2012-13	1846	73400	229	565	45	522	468	9920	-	-	2800	4558	5388	88965
Mormugao	2000-01	50	824	14	212	350	11279	174	2491	-	-	-	-	588	14806
	2001-02	54	773	11	124	349	13157	183	2682	-	-	-	-	597	16736
	2002-03	80	427	23	371	365	12940	158	2643	-	-	-	-	626	16381
	2003-04	62	388	15	165	416	15983	184	3110	-	-	-	-	677	19646
	2004-05	37	196	7	110	290	9591	172	2926	-	-	-	-	506	12823
	2005-06	38	227	7	72	443	16398	162	3053	-	-	-	-	650	19750
	2006-07	39	274	21	366	482	17020	161	3111	-	-	-	-	699	20771
	2007-08	37	302	15	219	525	17525	175	3507	-	-	-	-	748	21553
	2008-09	36	301	8	81	600	21616	170	3323	-	-	-	-	805*	24733
	2009-10	38	387	8	114	675	25378	184	3679	-	-	-	-	905	29558
	2010-11	27	298	7	107	669	20740	160	3238	-	-	-	-	863	24383
	2011-12	48	624	37	698	558	22735	153	3224	-	-	-	-	796	27281
	2012-13	45	602	75	1208	232	10045	123	2728	-	-	-	-	475	14583
New Mangalore	2000-01	30	272	111	1219	161	3887	432	9891	-	-	-	-	734	15269
	2001-02	63	349	97	1228	180	4595	423	9209	-	-	-	-	763	15381
	2002-03	58	274	88	1198	181	4605	505	10589	-	-	-	-	832	16666
	2003-04	49	276	82	1084	198	5051	547	14394	-	-	-	-	876	20805
	2004-05	36	224	67	882	318	7752	636	17009	-	-	-	-	1057	25867
	2005-06	39	233	63	869	311	7538	667	18456	-	-	-	-	1080	27096
	2006-07	48	357	51	638	276	6118	640	18819	-	-	-	-	1015	25932
	2007-08	64	512	38	433	403	8962	639	18691	-	-	-	-	1144	28598
	2008-09	69	663	72	792	404	9526	639	17853	-	-	-	-	1184	28834
	2009-10	77	853	74	773	353	8524	682	18004	-	-	-	-	1186	28154
	2010-11	80	983	89	817	228	6011	700	19265	-	-	-	-	1097	27076
	2011-12	80	1068	157	1207	206	6068	693	20627	-	-	-	-	1136	28970
	2012-13	80	1208	70	872	244	7721	678	22574	-	-	-	-	1072	32375

Mormugao-2 vessels double counted for dry bulk mech.iron/conv. Other are counted only once in the Total A

Table 3.2.8(Contd...)

## Number, Type And Size Of Cargo Ships Handled at Major Ports

(GRT in '000)

Port	Year	Container		Break Bulk		Dry Bulk		Liquid Bulk		Lash		Ro-Ro		Total	
		No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Cochin	2000-01	348	3631	135	590	60	722	421	9971	1	34	-	-	965	14948
	2001-02	429	4297	130	567	59	785	359	9074	-	-	-	-	977	14723
	2002-03	433	4087	129	539	52	859	330	8650	-	-	-	-	944	14135
	2003-04	381	3737	141	372	50	684	338	9450	-	-	-	-	910	14243
	2004-05	314	3529	118	324	48	856	345	9837	-	-	-	-	825	14546
	2005-06	421	4678	109	618	50	846	383	9784	-	-	-	-	963	15926
	2006-07	383	5234	92	539	54	915	378	10550	-	-	-	-	907	17238
	2007-08	350	5703	73	304	31	688	352	11280	-	-	-	-	806	17975
	2008-09	335	4296	63	387	53	850	306	10112	-	-	-	-	757	15645
	2009-10	390	5096	44	348	59	865	381	12060	-	-	-	-	874	18369
	2010-11	360	5010	39	309	47	803	373	12629	-	-	-	-	819	18751
	2011-12	389	5975	37	326	50	882	359	13401	-	-	-	-	835	20584
	2012-13	440	8411	33	285	49	771	353	13336	-	-	-	-	875	22803
Tuticorin	2000-01	442	3957	353	1579	262	5749	148	1652	-	-	-	-	1205	12937
	2001-02	488	4368	494	2210	277	5822	141	1708	-	-	-	-	1400	13770
	2002-03	474	4382	519	2106	300	6142	133	1283	-	-	-	-	1426	13913
	2003-04	516	5789	502	1878	288	6112	173	1567	-	-	-	-	1479	15346
	2004-05	463	5973	486	1949	303	6982	183	1891	-	-	-	-	1435	16795
	2005-06	518	6216	540	2374	330	7997	160	2075	-	-	-	-	1548	18662
	2006-07	534	7628	496	2245	325	7935	154	2004	-	-	-	-	1509	19812
	2007-08	440	6487	563	2095	407	8903	166	1849	-	-	-	-	1576	19334
	2008-09	451	5801	432	1646	441	8987	172	2011	-	-	-	-	1496	18445
	2009-10	455	5832	299	1714	451	9955	175	1981	-	-	-	-	1380	19482
	2010-11	378	5404	361	2208	396	9276	214	3274	-	-	-	-	1349	20162
	2011-12	365	5692	360	2418	425	10249	226	3437	-	-	-	-	1376	21796
	2012-13	351	5704	255	1715	408	10921	221	3193	-	-	-	-	1235	21533
Chennai	2000-01	340	3600	335	3370	620	16310	442	8345	11	314	-	-	1748	31939
	2001-02	288	3589	312	2854	468	12779	472	8523	8	229	-	-	1548	29974
	2002-03	420	5394	350	3165	352	9768	435	8122	-	-	-	-	1557	26449
	2003-04	467	5800	275	2205	379	10370	449	8773	-	-	25	1092	1595	28240
	2004-05	416	5509	275	2514	441	11632	421	9866	-	-	49	1955	1602	31476
	2005-06	592	7238	357	5425	429	11727	415	10649	-	-	-	-	1793	35039
	2006-07	698	9252	476	6888	463	13065	422	10668	-	-	-	-	2059	39873
	2007-08	713	12933	346	3402	455	12713	423	11232	-	-	48	2049	1985	42329
	2009-10	703	14901	345	3837	446	12658	494	12000	-	-	85	4411	2073	47807
	2010-11	812	16387	399	4574	309	8670	502	12813	-	-	101	4963	2123	47407
	2011-12	789	18819	334	4143	223	5715	507	13094	-	-	103	5432	1956	47203
	2012-13	786	18169	358	5387	183	4397	460	12423	-	-	93	5021	1880	45397
	Ennore	2001-02	-	-	-	-	71	2263	-	-	-	-	-	-	71
2002-03		-	-	-	-	154	2574	-	-	-	-	-	-	154	2574
2003-04		-	-	-	-	166	5709	-	-	-	-	-	-	166	5709
2004-05		-	-	-	-	163	5775	8	176	-	-	-	-	171	5951
2005-06		-	-	-	-	151	5736	22	547	-	-	-	-	173	6283
2006-07		-	-	-	-	184	6250	17	417	-	-	-	-	201	6667
2007-08		-	-	-	-	194	6648	19	572	-	-	-	-	213	7220
2008-09		-	-	-	-	195	6432	55	1110	-	-	-	-	250	7542
2009-10		-	-	-	-	195	6271	78	960	-	-	-	-	273	7231
2010-11		-	-	-	-	184	5942	109	2112	-	-	-	-	293	8054
2011-12		0	0	0	0	241	8116	144	3876	0	0	0	0	385	11992
2012-13		0	0	80	4084	274	9189	121	2860	-	-	-	-	475	16133
Visakhapatnam		2000-01	104	688	240	1875	666	17527	620	17997	14	400	-	-	1644
	2001-02	119	858	208	1796	635	17742	608	17780	6	171	-	-	1576	38347
	2002-03	134	1062	281	2767	706	19230	500	16394	1	28	-	-	1622	39481
	2003-04	111	1200	262	2327	787	20467	518	16088	-	-	-	-	1678	40082
	2004-05	196	2465	182	1628	950	25758	477	14606	-	-	-	-	1805	44457
	2005-06	199	2617	221	1992	1024	27724	634	17819	-	-	-	-	2078	50152
	2006-07	176	2566	205	2328	1010	26895	661	19179	-	-	-	-	2052	50968
	2007-08	212	3013	267	2329	1208	31591	659	21156	-	-	-	-	2346	58089
	2008-09	251	3751	271	2176	1162	30332	663	21314	-	-	-	-	2347	57573
	2009-10	206	3912	210	1774	1275	33400	715	20760	-	-	-	-	2406	59846
	2010-11	277	6173	166	1267	1248	34025	778	24683	-	-	-	-	2469	66148
	2011-12	351	7644	219	1980	1185	34947	715	21812	-	-	-	-	2470	66383
	2012-13	335	7926	193	1987	924	28685	589	17632	-	-	-	-	2041	56230

**Table  
3.2.3(Contd...)**

**Number, Type And Size Of Cargo Ships Handled at Major Ports**

(GRT in '000)

Port	Year	Container		Break Bulk		Dry Bulk		Liquid Bulk		Lash		Ro-Ro		Total	
		No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Paradip	2000-01	3	26	8	138	632	16260	243	3845	15	437	-	-	901	20706
	2001-02	5	43	8	72	636	16616	241	3716	9	305	1	Neg.	900	20752
	2002-03	17	156	4	39	669	18879	197	3329	3	91	-	-	890	22494
	2003-04	23	192	85	228	757	20400	165	2674	-	-	-	-	-	23494
	2004-05	10	101	144	369	882	23709	136	2467	-	-	-	-	1172	26646
	2005-06	14	146	102	226	1001	27470	146	3001	-	-	-	-	1263	30843
	2006-07	11	68	76	403	1098	30134	217	4211	-	-	-	-	1355	34816
	2007-08	19	134	118	577	1213	31861	232	4977	-	-	-	-	1513	37549
	2008-09	9	84	79	631	1226	33378	239	5435	0	-	-	-	1553	39528
	2009-10	12	118	41	453	1151	32160	327	11693	-	-	-	-	1531	44424
	2010-11	15	141	22	243	1098	30991	352	12623	-	-	-	-	1487	43998
	2011-12	30	289	75	604	904	27847	317	13593	-	-	-	-	1326	42333
	2012-13	32	416	53	517	883	28174	309	14348	-	-	-	-	1277	43455
Kolkata	2000-01	255	1802	191	1406	1	6	251	3694	14	399	12	143	724	7450
	2001-02	241	1892	183	1421	-	-	226	2790	10	286	3	39	663	6428
	2002-03	294	2339	215	1517	-	-	201	3070	2	57	-	-	712	6983
	2003-04	307	2536	218	1412	4	78	222	3506	-	-	-	-	751	7532
	2004-05	327	2648	224	1186	7	91	192	3592	-	-	-	-	750	7517
	2005-06	372	3252	191	1385	16	215	182	3483	-	-	2	22	763	8357
	2006-07	416	3508	238	1506	27	374	200	3930	-	-	11	120	891	9438
	2007-08	519	4083	280	1740	38	459	171	3554	-	-	11	112	1012	9948
	2008-09	526	4435	244	1529	42	557	240	3371	-	-	10	111	1057*	9964
	2009-10	579	5105	400	3009	65	1032	264	1873	-	-	-	-	1308	11019
	2010-11	570	4720	352	2418	105	1964	269	2358	-	-	6	63	1301	11523
	2011-12	577	4732	319	2267	60	1274	239	2180	-	-	8	116	1203	10568
	2012-13	633	5244	288	1998	38	874	245	2360	-	-	12	182	1216	10658
Haldia	2000-01	226	1437	88	952	367	9429	728	16691	-	-	-	-	1409	28509
	2001-02	352	2890	97	963	358	9565	722	17112	-	-	9	109	1538	30639
	2002-03	423	3316	125	1522	402	11341	715	19647	-	-	-	-	1665	35826
	2003-04	457	3784	136	1462	457	12370	791	22053	-	-	-	-	1841	39669
	2004-05	501	4197	124	1170	587	16141	881	24297	-	-	-	-	2093	45805
	2005-06	500	4511	133	1654	767	20836	958	26723	-	-	-	-	2358	53724
	2006-07	509	4592	121	1292	745	20691	997	28028	-	-	1	22	2300	54625
	2007-08	499	4372	102	1006	850	21953	969	29218	-	-	1	25	2421	54510
	2008-09	512	4567	81	800	769	20779	1046	30951	-	-	1	27	2399	56987
	2009-10	432	4123	68	947	871	24815	860	20733	-	-	-	0	2231	50618
	2010-11	355	3645	55	507	823	22623	998	24048	-	-	-	0	2231	50823
	2011-12	291	3092	57	673	763	23397	853	18006	-	-	-	-	1964	45168
	2012-13	333	3465	89	1298	663	21049	858	15881	-	-	-	-	1943	41693
All Ports	2000-01	3711	45013	2201	19306	3594	87623	5311	112754	66	1894	114	2632	14997	269222
	2001-02	4188	55514	2376	20510	3555	91054	5153	110108	42	1251	256	2654	15570	281091
	2002-03	4482	64152	2653	24144	3655	93988	4955	112757	8	246	299	2780	16052	298067
	2003-04	4644	72624	2669	21003	4041	105747	5314	124254	2	80	1873	6457	18543	330165
	2004-05	4425	70425	2675	23081	4640	119073	5463	132332	3	110	357	17563	17563	349301
	2005-06	4919	75313	2957	31988	5218	138719	5873	145694	0	0	1934	2721	20901	394435
	2006-07	5281	93277	3133	34412	5393	142866	6148	158137	1	40	337	804	20168	429536
	2007-08	5439	105734	3133	30287	6204	157268	6401	170988	-	-	2471	6166	21529	470443
	2008-09	5346	110151	2722	28656	6264	162475	6678	175727	-	-	107	4989	21117	481998
	2009-10	5627	119801	2668	33554	6553	175092	7126	180236	-	-	-	4491	22061	513174
	2010-11	5604	124896	2696	34395	6198	164008	7340	190359	-	-	-	9481	24588	523139
	2011-12	5392	128567	2686	35292	5831	165574	7087	192020	-	-	2757	10141	23753	531593
	2012-13	5108	127461	2650	39855	5028	149879	6828	193104	0	0	2905	9761	22519	520060

\* - Some ships handled different cargo in import and export leg counted once. Details are given in table 2.1.17. \*kolkata DS Passenger-cum-cargo vessels have been included in item-2

**Table  
3.2.9**

**Distribution of Revenue And Expenditure at Major Ports**

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expenditure	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
<b>KANDLA</b>													
1995-96	20099	7491	5424	3428	7548	1443	-	18	856	508	6271	846	1248
1996-97	25496	9217	6126	4253	8646	1606	-	132	1244	611	9480	1278	1337
1997-98	28813	9793	7497	4858	10178	1788	-	31	1389	653	9749	824	1639
1998-99	34492	13382	10564	4029	11339	1853	-	18	1324	872	11265	4757	1853
1999-00	36985	15493	9839	6823	11304	2301	-	4	1377	1054	14465	2851	2460
2000-01	32660	15595	8413	5098	8087	2317	-	4	1598	1054	14562	4055	3067
2001-02	33724	14484	8565	3704	7975	2432	-	5	1425	1078	15759	3991	3274
2002-03	37440	20233	10399	6753	9040	2671	-	7	1758	1037	16243	6262	3503
2003-04	38783	29721	10124	8151	9444	3013	-	4	1523	1282	17692	13163	4108
2004-05	38601	19258	10630	8354	10489	3402	-	5	2507	1330	14975	1980	4187
2005-06	38612	18611	10702	7937	12867	3609	-	10	1850	1549	13193	1323	4183
2006-07	46644	25019	13431	8609	16629	6330	-	274	3066	1492	13518	3834	4480
2007-08	50577	25868	14310	11098	18142	6892	-	93	1706	1774	16419	1071	4940
2008-09	59171	36840	18917	15497	19814	8297	-	30	2145	2677	18295	4176	6163
2009-10	63406	43239	20692	16497	22509	9335	-	224	1718	2832	18487	7190	7161
2010-11	67664	51516	20168	15751	24378	11856	-	30	4645	2923	18473	13300	7656
2011-12	82238	59486	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
<b>MUMBAI</b>													
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

Table 3.2.9

## Distribution of Revenue And Expenditure at Major Ports

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expenditure	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
<b>JAWAHARLAL NEHRU</b>													
1995-96	27883	15341	3579	1201	18390	7925	-	102	1398	728	4516	3777	1608
1996-97	31749	17497	4252	1779	18519	9234	-	119	1836	969	7142	3514	1882
1997-98	41731	21256	5618	2517	23466	11413	-	124	2919	1047	9728	4286	1869
1998-99	48231	24685	7492	3034	27586	12007	-	124	3231	1212	9922	5998	2310
1999-00	47529	34224	9225	5604	23413	12737	-	124	4115	1290	10776	11489	2980
2000-01	44317	34196	10192	4007	17643	13154	-	121	4786	930	11696	13084	2900
2001-02	50377	39079	13364	4135	20860	13760	-	121	4443	1048	11710	16895	3120
2002-03	55322	37388	16089	3584	23527	13548	-	121	4509	1029	11197	16157	2949
2003-04	64779	38573	17662	4136	31512	14225	-	121	4757	1298	10848	15167	3626
2004-05	71050	37439	15447	4588	33094	16128	-	122	4754	1602	17755	11494	3505
2005-06	65025	32226	14477	4782	35747	13173	-	121	4679	3000	10122	6837	4313
2006-07	91047	34132	15837	5568	35045	14041	-	121	5272	2231	34893	7596	4575
2007-08	63075	31758	11921	6213	32203	12594	-	121	5674	2768	13277	3274	6788
2008-09	68488	40549	14114	7613	28024	13415	-	121	6612	2986	19738	7528	8886
2009-10	62107	37341	16017	8436	21984	14426	-	121	6413	3280	17693	2576	8502
2010-11	65408	44997	16231	8741	25957	15448	-	121	6583	4329	16637	5753	10605
2011-12	147169	85466	16673	8284	28648	18557	-	121	7725	4195	30454	7911	12531
2012-13	149582	99088	18264	8726	32546	24416	-	121	814	7098	90632	45186	13541
<b>MORMUGAO</b>													
1995-96	9867	7931	2198	2476	5454	1967	-	116	358	67	1857	1557	1748
1996-97	11055	8912	2263	2055	6287	2616	-	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	18190	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

Finance and Misc. Includes BOT contracts and Income Tax in JNPT

Table 3.2.9

## Distribution of Revenue And Expenditure at Major Ports

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expenditure	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
<b>NEW MANGALORE</b>													
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	43108	27982	8872	7697	20530	6008	413	93	4647	709	8645	7674	5802
<b>COCHIN</b>													
1995-96	12493	13058	2934	3470	7132	1984	-	29	643	334	1784	4894	2347
1996-97	15866	13601	3456	4107	9456	2059	-	29	864	321	2090	4143	2942
1997-98	17748	13241	4034	4903	10490	2193	-	22	1021	427	2203	2115	3581
1998-99	19560	16435	4386	5778	10735	2710	-	25	1169	592	3270	3486	3844
1999-00	20355	20084	5324	6144	11354	3628	-	31	1363	476	2314	5358	4447
2000-01	20597	23972	5367	5262	11295	4530	-	40	1698	490	2237	8626	5024
2001-02	20144	23646	5989	6141	10810	4411	-	18	1907	456	1438	8073	4847
2002-03	21597	19657	5947	5618	11991	3806	-	14	2130	427	1529	4936	4856
2003-04	21746	19612	5702	4971	12316	3868	-	-	2128	453	1600	5424	4896
2004-05	22060	21696	5668	5117	12817	3903	-	-	2263	456	1312	7071	5149
2005-06	21684	18724	5988	4976	10193	2764	-	-	3714	616	1789	5220	5148
2006-07	23335	20670	6299	6107	10515	2761	-	-	4393	618	2128	5913	5271
2007-08	24756	24307	6933	8391	10821	3172	-	-	4240	750	2762	6186	5808
2008-09	22979	24454	8010	9281	7795	2904	-	-	5036	716	2138	4907	6646
2009-10	25130	34057	9061	10634	8825	3808	-	-	5321	796	1923	10762	8057
2010-11	31177	39783	11521	13542	9228	4110	-	-	6859	979	3569	12335	8817
2011-12	34220	42612	12786	11990	11544	4987	-	-	6380	1245	3510	14398	9992
2012-13	44604	51119	12426	18370	11918	5422	-	-	6818	1905	13442	14380	11042

**Table  
3.2.9**

**Distribution of Revenue And Expenditure at Major Ports**

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expenditure	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
<b>TUTICORIN</b>													
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	14994	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	548	209	2254	2962	2224
2006-07	21173	9828	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	33561	18859	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
<b>CHENNAI</b>													
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
<b>ENNORE</b>													
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	32020	15230	-	-	32021	15233	-	-	-	-	549	0	0

Table 3.2.9

## Distribution of Revenue And Expenditure at Major Ports

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expenditure	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
<b>VISAKHAPATNAM</b>													
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
<b>PARADIP</b>													
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	52882	19663	9342	36569	15763	9676	4150	2463	4081	11451	8774	10272

**Table 3.2.9  
(Contd...)**

**Distribution of Revenue And Expenditure at Major Ports**

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expenditure	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
<b>HALDIA DOCK COMPLEX</b>													
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	58396	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	30336	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	78604	102088	24887	43802	27035	10610	8253	2999	10971	2774	7458	30040	11863
<b>KOLKATA DOCK SYSTEM</b>													
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	58185	67954	7213	12812	21283	13837	1515	1491	19636	1679	8538	22803	15332

\* Operating income excluding Dredging Subsidy Receivable from Govt. of India amounting to Rs. 6495 Crore Haldia Dock Complex and Rs. 42200 Crore Kolkata Dock System on actual basis.

**Table 3.2.9  
(Contd...)**

**Distribution of Revenue And Expenditure at Major Ports**

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expenditure	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
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	441689	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	909647	803968	211601	137164	355309	200578	29847	21329	63267	31735	249623	267273	145889

Source : Major Ports

**Table  
3.2.10**

**Operating Financial Parameters for Major Ports**

(Rs. In Lakh)

Item/Year	Kandla	Mumbai	J.L. Nehru	Mormugao	N.Mangalore	Cochin	Tuticorin	Chennai	Ennore	Visakhapatnam	Paradip	Haldia Dock Complex	Kolkata Dock System	All Ports
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>Operating Income</b>														
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	37970	62711	25026	72642	63939	98259	56606	802400
2012-13	78041	115444	109787	22187	33462	31161	36402	63084	32571	70288	68373	73815	50409	785024
<b>Operating Expenditure</b>														
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	60870	25976	20308	36739	21102	58675	4496	48942	44111	72021	45178	584424

**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
<b>Operating Surplus</b>														
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	8871	17492	64836	9158	13519	-87	12179	18551	11182	19609	35827	29905	6718	247760
2010-11	10975	18000	67818	13014	12032	159	14137	10418	13468	33093	31423	37007	5737	267281
2011-12	11773	20158	66752	10031	17568	2496	18501	6231	20603	29006	22173	29431	14481	269204
2012-13	26544	20935	48917	-3789	13154	-5578	15300	4409	28075	21346	24262	1794	5231	200600
<b>Net Surplus (before tax)</b>														
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	(-)8391	14798	2213	12078	-9939	33306	8944	4880	205085
2012-13	38966	-4283	73075	(-) 10755	15126	(-)6515	12920	1827	21674	3704	26939	(-) 20788	(-) 9034	189948

Source : Major Ports

**Table  
3.2.11****Operating Ratio for Major Ports****(In Percentage)**

Item/Year	Kandla	Mumbai	J.L. Nehru	Mormugao	N.Mangalore	Cochin	Tuticorin	Chennai	Ennore	Visakhapatnam	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	56.27	35.22	57.49	51.60	61.36	31.52	63.82	30.86	49.40	49.34	56.65	58.98	47.57
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	55.14	117.08	58.93	117.9	57.97	93.01	13.8	69.63	64.62	97.57	89.62	74.36

**Table  
3.2.12**

**Employment of Manpower at Major Ports as on 31st March (2004-201)**

(In Numbers)

PORT	Year									
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
1	2	3	4	5	6	7	8	9	10	11
KPT	3788	3574	3506	3414	4237	4149	4008	3774	4500	4221
MbPT(a)	21480	19388	19682	14935	14481	14296	14059	13391	16379	15358
JNPT	1810	1791	1778	1766	1763	1746	1739	1730	1718	1706
MoPT	3385(a)	3243(a)	3135(a)	3082	3018	2967	2891	2817	2665	2538
NMPT(c)	2124	1985	1908	1832	1770	1819	1719	1636	1544	1435
CoPT(a)	4353	3959	3849	4823	4306	4103	3948	3749	3005	2766
TPT(b)	2788	2589	2574	2407	2259	2224	2191	2079	1954	1813
ChPT	10329(a)	8842(a)	8582(a)	9755	9065	8117	8020	7774	7511	6582
EPL	17	21	20	45	59	65	86	88	94	100
VPT	5889	5550	5216	5208	5069	5052	4877	4584	4189	4941
PPT	3407	3306	3158	3013	2910	2851	2761	2634	2437	2234
KDS	7551	6995	6530	6138	5925	5869	5675	5374	5068	4828
HDC	4285	4104	3964	3793	3694	3620	3498	3304	3111	2887
<b>ALL MAJOR PORTS</b>	<b>71206</b>	<b>65347</b>	<b>63903</b>	<b>60211</b>	<b>58556</b>	<b>56878</b>	<b>55472</b>	<b>52934</b>	<b>54175</b>	<b>51409</b>

(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, 2004-2013)** (In Numbers)

PORT										
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
1	2	3	4	5	6	7	8	9	10	11
KPT	770	746	708	646	(a)	(a)	(a)	789	(a)	(a)
MbPT	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2586	(a)	(a)
MoPT	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
CoPT	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
ChPT	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
VPT	1113	1082	996	966	925	-	978	859	874	846
KDS	967	692	431	290	195	177	140	100	215	181
<b>TOTAL</b>	<b>2850</b>	<b>2520</b>	<b>2135</b>	<b>1902</b>	<b>1120</b>	<b>177</b>	<b>1118</b>	<b>4334</b>	<b>1089</b>	<b>1027</b>

(a) Dock Labour Board merged with Port Trust.

**Table  
3.2.14****Number of Dock Workers Listed with  
Major Ports (As On 31st March, 2004-2013)** (In Numbers)

PORT										
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
1	2	3	4	5	6	7	8	9	10	11
ChPT	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
VPT	115	102	152	159	139	-	-	-	-	-
<b>TOTAL</b>	<b>115</b>	<b>102</b>	<b>152</b>	<b>159</b>	<b>139</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

(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
<b>GUJARAT</b>									
2002-03	43445	17885	61330	7890	12341	20231	51335	30226	81561
2003-04	45309	20825	66134	8638	12560	21198	53947	33385	87332
2004-05	50336	24372	74708	8971	12462	21433	59307	36834	96141
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
<b>MAHARASHTRA</b>									
2002-03	3200	140	3340	4832	453	5285	8032	593	8625
2003-04	5021	202	5223	4280	829	5109	9301	1031	10332
2004-05	5782	1168	6950	4751	442	5193	10533	1610	12143
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
<b>GOA</b>									
2002-03	352	5011	5363	42	169	211	394	5180	5574
2003-04	418	7984	8402	-	34	34	418	8018	8436
2004-05	251	7935	8186	-	15	15	251	7950	8201
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
<b>ANDHRA PRADESH</b>									
2002-03	3579	3822	7401	104	2731	2835	3683	6553	10236
2003-04	5249	1369	6618	220	3183	3403	5469	4552	10021
2004-05	8604	3003	11607	561	2899	3460	9165	5902	15067
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

\* : Container cargo is included in Overseas"Unloaded" (144.15 Lakh tonnes)

# : Container cargo is included in Overseas ( Unloaded 94.28 Lakh tonnes &amp; Loaded 104.38 Lakh tonnes )

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

\$ : Container cargo is included in Overseas ( Unloaded 116.54 Lakh tonnes &amp; Loaded 129.64 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
<b>KARNATAKA</b>									
2002-03	175	296	471	97	104	201	272	400	672
2003-04	264	704	968	84	116	200	348	820	1168
2004-05	364	2975	3339	81	86	167	445	3061	3506
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
<b>KERALA</b>									
2002-03	9	-	9	47	33	80	56	33	89
2003-04	-	-	-	40	18	58	40	18	58
2004-05	7	7	14	39	28	67	46	35	81
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
<b>TAMIL NADU</b>									
2002-03	75	-	75	328	199	527	403	199	602
2003-04	82	-	82	430	178	608	512	178	690
2004-05	81	18	99	466	289	755	547	307	854
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
<b>PUDUCHERRY</b>									
2002-03	11	8	19	-	-	-	11	8	19
2003-04	37	71	108	-	-	-	37	71	108
2004-05	33	26	59	-	-	-	33	26	59
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

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
<b>ODISHA</b>									
2002-03	-	-	-	-	-	-	-	-	-
2003-04	-	-	-	-	-	-	-	-	-
2004-05	-	-	-	-	-	-	-	-	-
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
<b>ANDAMAN NICOBAR ISLANDS</b>									
2002-03	-	-	-	538	203	741	538	203	741
2003-04	-	-	-	463	231	694	463	231	694
2004-05	5	-	5	630	247	877	635	247	882
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
<b>LAKSHADWEEP</b>									
2002-03	-	-	-	180	-	180	180	-	180
2003-04	-	-	-	26	-	26	26	-	26
2004-05	-	-	-	26	-	26	26	-	26
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
<b>TOTAL</b>									
2002-03	50846	27162	78008	14058	16233	30291	64904	43395	108299
2003-04	56380	31155	87535	14181	17149	31330	70561	48304	118865
2004-05	65463	39504	104967	15525	16468	31993	80988	55972	136960
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

\* : 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) &amp; Loaded (.51 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
<b>GUJARAT</b>							
1998-99	3740	2828	5077	4357	1846	5074	22922
1999-00	23738	3363	5808	6034	2420	5334	46697
2000-01	42736	2313	7930	8788	1910	7582	71259
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
2011-12 b	151487	6919	9022	38372	7185	46065	259050
2012-13\$	165137	7636	8408	54337	6418	45881	287817
<b>MAHARASHTRA</b>							
1998-99	209	2653	1446	529	0	358	5195
1999-00	751	3022	1284	475	0	514	6046
2000-01	495	3466	1279	395	0	410	6045
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	12143
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
<b>GOA</b>							
1998-99	0	2065	0	104	0	5	2174
1999-00	0	2366	0	98	0	22	2486
2000-01	0	2738	0	410	0	40	3188
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

\* a, b,\$ : 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
<b>ANDHRA PRADESH</b>							
1998-99	1861	0	0	0	768	1549	4178
1999-00	2900	0	0	0	1206	1814	5920
2000-01	2776	0	0	0	951	1112	4839
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
<b>KARNATAKA</b>							
1998-99	0	0	0	0	47	357	404
1999-00	11	0	0	0	74	538	623
2000-01	53	0	0	0	69	554	676
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
<b>KERALA</b>							
1998-99	0	0	0	0	0	104	104
1999-00	0	0	24	0	0	96	120
2000-01	0	0	39	0	0	55	94
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

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
<b>TAMIL NADU</b>							
1998-99	394	0	0	0	51	25	470
1999-00	304	0	0	0	44	66	414
2000-01	206	0	0	0	55	73	334
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
<b>PUDUCHERRY</b>							
1998-99	0	0	0	0	0	23	23
1999-00	0	0	0	0	0	0	0
2000-01	0	0	0	0	0	76	76
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
<b>ODISHA</b>							
1998-99	0	0	0	0	0	120	120
1999-00	0	0	0	0	0	154	154
2000-01	0	0	0	0	0	140	140
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

# 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
<b>ANDAMAN NICOBAR ISLANDS</b>							
1998-99	94	0	109	0	0	490	693
1999-00	94	0	106	0	0	541	741
2000-01	119	0	124	0	0	322	565
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
<b>LAKSHADWEEP</b>							
1998-99	0	0	0	0	0	23	23
1999-00	0	0	0	0	0	182	182
2000-01	0	0	0	0	0	150	150
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
<b>TOTAL</b>							
1998-99	6298	7546	6632	4990	2712	8128	36306
1999-00	27798	8751	7222	6607	3744	9261	63383
2000-01	46385	8517	9372	9593	2985	10514	87366
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	136960
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

<b>Table 3.3.3</b>		<b>Transshipment Traffic at Non-Major Ports</b>						<b>(In '000 Tonnes)</b>	
<b>State/Port</b>	<b>Commodity</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	
<b>GUJARAT</b>									
Sikka	Crude Oil	-	-	-	-	-	-	-	
	Propylene	-	-	-	-	-	-	-	
Bedi	Iron Ore	-	-	-	-	-	-	-	
Bhavnagar	Iron Ore	-	-	-	-	-	-	-	
	Clinker	-	-	-	-	-	-	-	
	Iron&steel	-	-	-	-	-	-	-	
	Lime stone	-	-	-	-	-	-	-	
Magdalla	EDC	-	-	-	-	-	-	-	
	Paraxylene	-	-	-	-	-	-	-	
	Copper	-	-	-	-	-	-	-	
GAPL	...	-	-	-	-	-	-	-	
Pipavav	Salt	-	-	-	2	-	-	-	
<b>MAHARASHTRA</b>									
Dharamtar		6437	5840	4850	6531	6531*	N.A	N.A	
<b>ANDHRA PRADESH</b>									
Kakinada		-	-	-	-	-	-	-	
Deep water	Crude oil	5	-	6724	1509	901	108	226	
			-	-	-	-	-	-	
<b>TAMIL NADU</b>									
Cuddalore		-	-	-	-	-	-	-	
<b>Kerala</b>									
Kozhikode/Bey pore		-	-	36	37	-	-	-	
<b>Total Transshipment</b>		<b>6442</b>	<b>5840</b>	<b>11610</b>	<b>8093</b>	<b>7432</b>	<b>108</b>	<b>226</b>	

\* Data related to last year

**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
2003-04	-	-	73204	56641	73204	56641
2004-05	2	2	75502	71871	75504	71873
2005-06	-	-	132199	70477	132199	70477
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

Table 3.3.5

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

(In '00 Nos.)

State/UT/Port	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11
<b>GUJARAT</b>										
Embarked	-	-	-	-	-	-	1	-	-	-
Disembarked	-	-	-	-	-	-	1	-	-	-
<b>MAHARASHTRA</b>	109713	130577	181380	130880	133172	142114	105648	105648	179264	184152
Embarked	63174	67057	121638	68492	69607	76718	58598	58598	95486	97582
Disembarked	46539	63520	59742	62388	63565	65396	47050	47050	83778	86570
<b>KERALA</b>	87	76	76	115	123	153	151	211	11	182
Embarked	52	39	39	56	63	73	72	101	5	92
Disembarked	35	37	37	59	60	80	79	110	6	90
<b>TAMILNADU</b>	15356	11458	10317	14920	16752	18580	19330	19250	20380	20698
Embarked	7678	5729	5158	7460	8376	9290	9665	9625	10190	10349
Disembarked	7678	5729	5159	7460	8376	9290	9665	9625	10190	10349
<b>KARNATAKA</b>	19	11	23	19	7	30	12	46	2	16
Embarked	8	6	11	11	4	15	8	23	1	8
Disembarked	11	5	12	8	3	15	4	23	1	8
<b>ANDAMAN GROUP</b>	4689	5255	10880	9089	11022	12061	10087	10198	10087	11397
Embarked	2300	2673	5353	4634	5547	5835	4985	5068	5046	5734
Disembarked	2389	2582	5527	4455	5475	6226	5102	5130	5041	5663
<b>ALL MINOR/ INTERMEDIATE PORTS</b>	129864	147377	202676	155023	161076	172938	135230	135353	209744	216445
Embarked	73212	75504	132199	80653	83597	91931	73329	73415	110728	113765
Disembarked	56652	71873	70477	74370	77479	81007	61901	61938	99016	102680

\* Data related to previous year

Table 3.3.6

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

(In Number)

Type of vessels/year	Gujarat	Maharashtra\$	Goa	Karnataka	Kerala	Tamil Nadu	Puducherry	Andhra Pradesh (a)	Odisha	Sea Island #
1	2	3	4	5	6	7	8	9	10	11
<b>STEAMERS</b>										
2006-07	5224	714	-	198	168	89	19	343	-	7549
2007-08	6136	865	-	171*	187	45	3	383	-	8187
2008-09	6741	867	-	110	211	120	12	1213	-	7804
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
<b>SAILING VESSELS</b>										
2006-07	5590	13133	273	756	296	67	-	350	-	2380
2007-08	5522	11270	267	64*	364	260	-	688	16	2334
2008-09	5805	11630	192	757	390	338	-	1234	16	2450
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
<b>TOTAL</b>										
2006-07	10814	13847	273	954	464	156	19	693	-	9929
2007-08	11658	12135	267	235*	551	305	3	1071	16	10521
2008-09	12546	12497	192	867	601	458	12	2447	16	10254
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

# Data relates to Andaman &amp; Nicobar Islands

\* Data related to Karwar &amp; Malpe port only.

\$ Data related to previous year

Table 3.3.7

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

(In numbers)

PORT	Year										
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
1	2	3	4	5	6	7	8	9	10	11	12
GUJARAT	2662	2048	1816	1265	1743	1718	1650	1590	981	1886	1814
MAHARASHTRA	173	165	154	154	154	153	130	84	84	158	361
GOA	166	139	139	134	133	146	140	140	141	148	155
DAMAN & DIU	22	22	22	22	22	22	22	22	22	13	10
KARNATAKA	99	76	105	109	103	55	146	145	145	-*	-*
KERALA	316	257	121	121	185	191	175	175	195	136	133
TAMIL NADU	110	73	89	68	68	62	60	60	51	56	28
PUDUCHERRY	79	79	75	75	42	33	59	59	66	60	485
ANDHRA PRADESH	109	62	66	57	57	69	269	269	269	1153	1195
<b>ANDAMAN &amp; NICOBAR</b>											
Island	477	470	468	452	447	452	454	454	448	422	425
Orissa	N.A	N.A	N.A	N.A	N.A	118	118	118	118	-	367
<b>TOTAL</b>	4213	3391	3055	2457	2954	3019	3223	3116	2520	4032	4973

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

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

## **SECTION – II**

### ***4. INTERNATIONAL PORT STATISTICS***

**Table 4.1****Top 20 World Major Ports (in Million Tonnes)**

S.No.	Port	2010	2011	2012
1	Ningbo & Zhoushan (PRC) <sup>1</sup>	627	691	744
2	Shanghai (PRC) <sup>2</sup>	653	727.6	736
3	Singapore	503.3	531.2	538
4	Tianjin (PRC)	408	451	476
5	Rotterdam (Netherlands)	430.2	434.6	441.5
6	Guangzhou (PRC)	400	429	434
7	Qingdao (PRC)	350.1	375	402
8	Dalian (PRC)	300.8	338	373
9	Tangshan (PRC)	250.6	308	364.6
10	Yingkou (PRC)	225	261	301.1
11	Busan (South Korea) <sup>3</sup>	241.1	269.9	298.7
12	Rizhao (PRC)	221	252.6	281
13	Qinhuangdao (PRC)	257	287	271.5
14	Hong Kong <sup>4</sup>	267.8	277.4	269.3
15	Port Hedland (Australia)	177.5	197.7	260.1
16	Shenzen (PRC)	221	223	228.1
17	Port Klang (Malaysia)	171	194.2	197.9
18	Los Angeles (USA)	204.8	203.9	193.1
19	Antwerp (Belgium)	178.2	187.2	184.1
20	Xiamen (China)	139.3	156.5	172
	Total of Top 20 Ports	6226.7	6795.8	7166

Source: Port Statistics, Port of Rotterdam Authority;

PRC: Peoples Republic of China;

: 1) Port combined in 2006, 2) Including domestic trade and river trade: 3) Converted from freight ton to metric ton; 4) Including river trade; China ports figures for 2012 are provisional

**Table 4.2****Top 20 World Container Ports (in Million TEUs)**

S.No.	Port	2010	2011	2012
1	Shanghai (PRC)1)	29.07	31.74	32.53
2	Singapore	28.43	29.94	31.65
3	Hong Kong (PRC)2)	23.7	24.22	23.12
4	Shenzhen (PRC)	22.51	22.57	22.94
5	Busan (Republic Korea)	14.19	16.19	17.04
6	Zhoushan/Ningbo 3)(PRC)	13.14	14.69	16.83
7	Guangzhou(PRC)	12.55	14.4	14.74
8	Qingdao(PRC)	12.01	13.02	14.5
9	Dubai Ports (UAE)	11.6	13	13.28
11	Tianjin(PRC)	10.08	11.5	12.3
10	Rotterdam (Netherlands)	11.15	11.89	11.87
13	Port Klang (Malaysia)	8.87	9.6	10
12	Kaohsiung (Taiwan Province of	9.18	9.64	9.78
14	Hamburg (Germany)	7.9	9.01	8.86
15	Antwerpen (Belgium)	8.47	8.66	8.64
16	Los Angles (USA)	7.83	7.94	8.08
17	Dalian(PRC)	5.24	6.4	8.06
18	Tanjung Pelepas (Malaysia)	6.53	7.5	7.7
19	Bremerhaven(Germany)	4.89	5.92	6.12
20	Long Beach (USA)	6.26	6.06	6.05
	Total of Top 20 Ports	253.6	273.89	284.09

Source: Port Statistics, Port of Rotterdam Authority;

PRC: Peoples Republic of China;

1) Including domestic trade: 2) including river trade: 3) Ports Combined in 2006

Table 4.3

**Incoming and outgoing goods, grouped by continent, 2011 and 2010**

S.No	Continent	Incoming		Outgoing		Total	
		2011	2010	2011	2010	2011	2010
1	<b>Europe</b>	1,40,875	1,42,732	62,211	68,171	2,03,086	2,10,903
2	<b>Africa</b>	31,225	32,011	7,004	7,016	38,229	39,027
3	<b>America</b>	73,452	70,959	15,422	13,739	88,874	84,698
4	<b>Asia</b>	55,891	53,143	40,771	35,239	96,662	88,382
5	<b>Oceania</b>	7,322	6,732	366	383	7,688	7,115
6	<b>Not specified</b>	0	0	13	33	13	33
	<b>Total</b>	3,08,765	3,05,577	1,25,787	1,24,581	4,34,552	4,30,158

Unit : Gross weight x 1,000 metric tonnes

Source: Port of Rotterdam

# **SECTION – II**

## ***5. GENERAL STATISTICS***

## Gross Domestic Product by Economic Activity ( at 2004-05 prices)

**Table 5.1**

Industry	(Rs. in Crore)									% age change over previous year			
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11 <sup>^</sup>	2011-12 <sup>@</sup>	2012-13 <sup>*</sup>	2009-10	2010-11 <sup>^</sup>	2011-12 <sup>@</sup>	2012-13 <sup>*</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>1. Agriculture, forestry &amp; fishing</b>	<b>565426</b>	<b>594487</b>	<b>619190</b>	<b>655080</b>	<b>655689</b>	<b>660987</b>	<b>717814</b>	<b>753832</b>	<b>764510</b>	0.8	8.6	5.0	1.4
1.1 Agriculture	476643	502996	523745	556956	555442	557715	610905	643543	649424	0.4	9.5	5.3	0.9
1.2 Forestry & Logging	61640	62742	64795	65697	66932	68877	70509	71816	73864	2.9	2.4	1.9	2.9
1.3 Fishing	27152	28749	30650	32427	33315	34395	36400	38473	41222	3.2	5.8	5.7	7.1
<b>2. Mining &amp; quarrying</b>	<b>85028</b>	<b>86141</b>	<b>92578</b>	<b>95997</b>	<b>98055</b>	<b>103830</b>	<b>110617</b>	<b>110725</b>	<b>108328</b>	<b>5.9</b>	<b>6.5</b>	<b>0.1</b>	<b>-2.2</b>
<b>3. Manufacturing</b>	<b>453225</b>	<b>499020</b>	<b>570458</b>	<b>629073</b>	<b>656302</b>	<b>730435</b>	<b>795152</b>	<b>854098</b>	<b>863876</b>	<b>11.3</b>	<b>8.9</b>	<b>7.4</b>	<b>1.1</b>
3.1 Registered	292344	327739	379374	417528	442055	506679	555240	607589	614569	14.6	9.6	9.4	1.1
3.2 Unregistered	160881	171281	191084	211545	214247	223756	239912	246509	249307	4.4	7.2	2.7	1.1
<b>4. Elect. gas &amp; water supply</b>	<b>62675</b>	<b>67123</b>	<b>73362</b>	<b>79430</b>	<b>83050</b>	<b>88218</b>	<b>92862</b>	<b>100646</b>	<b>102922</b>	<b>6.2</b>	<b>5.3</b>	<b>8.4</b>	<b>2.3</b>
<b>5. Construction</b>	<b>228855</b>	<b>258129</b>	<b>284806</b>	<b>315495</b>	<b>332329</b>	<b>354436</b>	<b>374708</b>	<b>415188</b>	<b>419795</b>	<b>6.7</b>	<b>5.7</b>	<b>10.8</b>	<b>1.1</b>
<b>6. Trade, hotels &amp; restaurant</b>	<b>477303</b>	<b>535397</b>	<b>594918</b>	<b>655013</b>	<b>692224</b>	<b>747019</b>	<b>836352</b>	<b>846630</b>	<b>884308</b>	<b>7.9</b>	<b>12.0</b>	<b>1.2</b>	<b>4.5</b>
6.1 Trade	433967	484521	536693	589242	628627	682207	764018	771572	808908	8.5	12.0	1.0	4.8
6.2 Hotel & Restaurants	43336	50876	58225	65771	63597	64812	72334	75058	75400	1.9	11.6	3.8	0.5
<b>7. Transport, storage &amp; communication</b>	<b>250417</b>	<b>280010</b>	<b>315166</b>	<b>354507</b>	<b>392901</b>	<b>450872</b>	<b>507672</b>	<b>555631</b>	<b>589045</b>	<b>14.8</b>	<b>12.6</b>	<b>9.4</b>	<b>6.0</b>
7.1. Railway	29162	31339	34832	38235	41161	44763	47404	50963	51112	8.8	5.9	7.5	0.3
7.2. Transports by other means	169995	185741	202367	219969	231564	248380	268669	291886	311173	7.3	8.2	8.6	6.6
7.3. Storage	1980	2073	2298	2375	2711	3233	3353	3450	3748	19.3	3.7	2.9	8.6
7.4. Communication	49280	60857	75669	93928	117465	154496	188246	209332	223012	31.5	21.8	11.2	6.5
<b>8. Financing, insurance, real estate &amp; business services</b>	<b>437174</b>	<b>492340</b>	<b>561063</b>	<b>628124</b>	<b>703629</b>	<b>771905</b>	<b>849189</b>	<b>945534</b>	<b>1048748</b>	<b>9.7</b>	<b>10.0</b>	<b>11.3</b>	<b>10.9</b>
8.1. Banking & Insurance	171098	198158	238899	278776	317826	353983	406609	459142	513519	11.4	14.9	12.9	11.8
8.2. Real Estate, Ownership of dwelling & Business Service	266076	294182	322164	349348	385803	417922	442580	486392	535229	8.3	5.9	9.9	10.0
<b>9. Community, social &amp; personal services</b>	<b>411361</b>	<b>440426</b>	<b>452823</b>	<b>483917</b>	<b>544497</b>	<b>608369</b>	<b>634167</b>	<b>665246</b>	<b>700579</b>	<b>11.7</b>	<b>4.2</b>	<b>4.9</b>	<b>5.3</b>
9.1. Public Administration & Defence	174638	182212	185639	199773	239349	281365	280268	292138	302149	17.6	-0.4	4.2	3.4
9.2. Other Service	236723	258214	267184	284144	305148	327004	353899	373108	398430	7.2	8.2	5.4	6.8
<b>10. GDP at factor cost (Total)</b>	<b>2971464</b>	<b>3253073</b>	<b>3564364</b>	<b>3896636</b>	<b>4158676</b>	<b>4516071</b>	<b>4918533</b>	<b>5247530</b>	<b>5482111</b>	<b>8.6</b>	<b>8.9</b>	<b>6.7</b>	<b>4.5</b>
		(9.5)	(9.6)	(9.3)	(6.7)	(8.6)	(8.9)	(6.7)	(4.5)				

Note: Figures in parentheses represent percentage change.

Source: Central Statistical Organisation, Govt. of India. Third revised estimates

@ : Second revised estimates , \*First revised estimates # revisions have been made in Manufacturing data for 2009-10 due to receipt of fresh data

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	522.70	17622.50	18145.20	6028.10	18044.40	24072.50	-5505.40	-421.90	-5927.30
1991-92	414.70	17450.70	17865.40	5324.80	14085.70	19410.50	-4910.10	3365.00	-1545.10
1992-93	476.20	18061.00	18537.20	6100.00	15781.60	21881.60	-5623.80	2279.40	-3344.40
1993-94	397.80	21840.50	22238.30	5753.50	17552.70	23306.20	-5355.70	4287.80	-1067.90
1994-95	416.90	25913.60	26330.50	5927.80	22726.50	28654.30	-5510.90	3187.10	-2323.80
1995-96	453.70	31341.20	31794.90	7525.80	29149.50	36675.30	-7072.10	2191.70	-4880.40
1996-97	481.80	32987.90	33469.70	10036.20	29096.20	39132.40	-9554.40	3891.70	-5662.70
1997-98	352.80	34653.70	35006.50	8164.00	33320.50	41484.50	-7811.20	1333.20	-6478.00
1998-99	89.40	33129.30	33218.70	6398.60	35990.10	42388.70	-6309.20	-2860.80	-9170.00
1999-00	38.90	36783.30	36822.20	12611.40	37059.30	49670.70	-12572.50	-276.00	-12848.50
2000-01	1869.70	42690.60	44560.30	15650.10	34886.40	50536.50	-13780.40	7804.20	-5976.20
2001-02	2119.10	41707.60	43826.70	14000.30	37413.00	51413.30	-11881.20	4294.60	-7586.60
2002-03	2576.50	50142.90	52719.40	17639.50	43772.60	61412.10	-15063.00	6370.30	-8692.70
2003-04	3568.40	60274.20	63842.60	20569.50	57579.60	78149.10	-17001.10	2694.60	-14306.50
2004-05	6989.30	76546.60	83535.90	29844.10	81673.30	111517.40	-22854.80	-5126.70	-27981.50
2005-06	11639.60	91450.90	103090.50	43963.10	105202.60	149165.70	-32323.50	-13751.70	-46075.20
2006-07	18634.60	107779.50	126414.10	56945.30	128790.00	185735.30	-38310.70	-21010.50	-59321.20
2007-08	28363.10	134541.10	162904.20	79644.50	171794.60	251439.10	-51281.40	-37253.50	-88534.90
2008-09	27547.00	157748.00	185295.00	93671.70	210024.60	303696.30	-66124.70	-52276.60	-118401.30
2009-10	28192.00	150559.00	178751.00	87136.00	201237.00	288373.00	-58944.00	-50678.00	-109622.00
2010-11	41480.00	209656.20	251136.20	105964.40	263804.70	369769.10	-64484.40	-54148.50	-118632.90
2011-12	56038.50	249925.30	305963.80	154967.60	334351.90	489319.50	-98929.10	-84426.60	-183355.70
2012-13	60290.70	240279.80	300570.50	169319.30	322167.90	491487.20	-109028.60	-81888.10	-190916.70
(Rupees Crore)									
1990-91	937.80	31619.83	32557.63	10816.11	32376.75	43192.86	-9878.31	-756.92	-10635.23
1991-92	1022.27	43019.54	44041.81	13126.72	34724.12	47850.84	-12104.45	8295.42	-3809.03
1992-93	1379.25	52309.00	53688.25	17141.70	46232.62	63374.32	-15762.45	6076.38	-9686.07
1993-94	1247.79	68503.60	69751.39	18046.19	55054.82	73101.01	-16798.40	13448.78	-3349.62
1994-95	1308.98	81365.13	82674.11	18612.55	71358.11	89970.66	-17303.57	10007.02	-7296.55
1995-96	1517.75	104835.59	106353.34	25173.60	97504.54	122678.14	-23655.85	7331.05	-16324.80
1996-97	1710.35	117106.73	118817.08	35628.52	103291.16	138919.68	-33918.17	13815.57	-20102.60
1997-98	1310.99	128789.65	130100.64	30341.19	123835.11	154176.30	-29030.20	4954.54	-24075.66
1998-99	376.22	139376.92	139753.14	26919.28	151412.57	178331.85	-26543.06	-12035.65	-38578.71
1999-00	168.45	159392.94	159561.39	54648.60	160587.87	215236.47	-54480.15	-1194.93	-55675.08
2000-01	8541.67	195029.34	203571.01	71496.52	159376.24	230872.76	-62954.85	35653.10	-27301.75
2001-02	10106.58	19894.39	209017.97	66769.86	178429.86	245199.72	-56663.28	20481.53	-36181.75
2002-03	12469.22	242668.06	255137.28	85367.00	211838.87	297205.87	-72897.78	30829.19	-42068.59
2003-04	16397.44	276969.31	293366.75	94520.00	264587.66	359107.66	-78122.56	12381.65	-65740.91
2004-05	31404.20	343935.40	375339.60	134094.00	366970.50	501064.50	-102689.80	-23035.10	-125724.90
2005-06	51532.80	404885.10	456417.90	194640.00	465768.90	660408.90	-143107.20	-60883.80	-203991.00
2006-07	84520.20	487259.10	571779.30	258571.80	581934.60	840506.40	-174051.60	-94675.50	-268727.10
2007-08	114191.70	541671.80	655863.50	320654.50	691657.20	1012311.70	-206462.80	-149985.40	-356448.20
2008-09	123397.90	717357.20	840755.10	419967.60	954468.00	1374435.60	-296569.70	-237110.80	-533680.50
2009-10	132900.00	712630.00	845530.00	411650.00	952090.00	1363740.00	-278750.00	-239460.00	-518210.00
2010-11	188779.00	954143.00	1142922.00	482282.00	1201185.00	1683467.00	-293503.00	-247042.00	-540545.00
2011-12	267915.00	1198045.00	1465960.00	743075.00	1602388.00	2345463.00	-475160.00	-404343.00	-879503.00
2012-13	327679.00	1307582.00	1635261.00	920456.00	1752657.00	2673113.00	-592777.00	-445075.00	-1037852.00

Source: Directorate General of Commercial Intelligence and Statistics &amp; RBI

Table 5.3

## Import of Principal Commodities

Commodity	(US\$ Million)						(Rupees crore)					
	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13(P)	2007-08	2008-09	2009-10	2010-11	2011-12(P)	2012-13(P)
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>I Bulk Imports</b>	<b>112744.8</b>	<b>138791.1</b>	<b>125315.1</b>	<b>151167.3</b>	<b>214933.2</b>	<b>229572.7</b>	<b>453918.0</b>	<b>627486.4</b>	<b>592784.6</b>	<b>688237.3</b>	<b>1030446.0</b>	<b>1248294.0</b>
<b>A. Petroleum, Crude and Products</b>	<b>79644.6</b>	<b>93671.7</b>	<b>87135.9</b>	<b>105964.4</b>	<b>154967.6</b>	<b>169319.3</b>	<b>320654.5</b>	<b>419967.6</b>	<b>411649.1</b>	<b>482281.7</b>	<b>743075.0</b>	<b>920456.0</b>
<b>B. Bulk Consumption Goods</b>	<b>4600.3</b>	<b>4975.3</b>	<b>9012.7</b>	<b>8854.9</b>	<b>11654.8</b>	<b>14219.8</b>	<b>18521.0</b>	<b>22883.3</b>	<b>42759.3</b>	<b>40344.9</b>	<b>55852.0</b>	<b>77370.0</b>
1. Cereals and Cereal Preparations	705.2	47.0	104.7	119.7	73.6	83.2	2839.1	216.2	496.8	545.3	352.0	453.0
2. Edible Oils	2558.6	3443.4	5582.1	6553.7	9652.0	11230.8	10301.1	15837.5	26483.3	29860.4	46255.0	61106.0
3. Pulses	1335.0	1358.1	2068.4	1569.2	1863.7	2341.2	5374.9	6246.4	9813.4	7149.6	8931.0	12739.0
4. Sugar	1.5	126.8	1257.5	612.3	65.5	564.6	5.9	583.2	5965.8	2789.6	314.0	3072.0
<b>C. Other Bulk Items</b>	<b>28499.9</b>	<b>40144.1</b>	<b>29166.5</b>	<b>36348.0</b>	<b>48310.8</b>	<b>46033.6</b>	<b>114742.5</b>	<b>184635.5</b>	<b>138376.2</b>	<b>165610.7</b>	<b>231519.0</b>	<b>250468.0</b>
1. Fertilizers	5405.9	13626.5	6836.9	7162.1	11601.2	9085.3	21764.9	62672.7	32437.2	32632.1	55597.0	49433.0
a) Crude	467.3	1062.6	701.1	715.7	1749.0	1348.1	1881.6	4887.4	3326.2	3260.9	8382.0	7335.0
b) Sulphur and Unroasted Iron Pyrites	362.0	651.2	143.7	241.3	476.9	319.6	1457.5	2994.8	682.0	1099.3	2286.0	1739.0
c) Manufactured	4576.6	11912.7	5992.1	6205.1	9375.3	7417.6	18425.8	54790.5	28429.0	28271.9	44929.0	40359.0
2. Non Ferrous Metals	3505.2	5699.3	3006.5	4080.2	4888.7	5123.8	14112.3	26213.0	14264.0	18590.2	23428.0	27878.0
3. Paper, Paperboards, Mgfs. Incl. News P	1424.8	1770.3	1504.1	2110.0	2567.7	2379.1	5736.2	8142.0	7136.1	9614.0	12305.0	12945.0
4. Crude Rubber, incl. Synthetic and Reclai	785.7	860.8	1014.6	1772.1	2501.9	2234.3	3163.3	3959.0	4813.4	8074.0	11990.0	12157.0
5. Pulp and Waste Paper.	778.0	805.6	880.7	1143.1	1361.5	1284.3	3132.1	3705.0	4178.1	5208.4	6524.0	6988.0
6. Metalliferous Ores, Metal Scrap, etc.	7911.7	7906.3	7682.8	9704.6	13380.5	14982.2	31852.9	36363.6	36449.9	44216.6	64123.0	81518.0
7. Iron and Steel	8688.6	9475.3	8240.9	10375.9	12009.3	10944.6	34980.8	43580.2	39097.5	47275.4	57552.0	59549.0
<b>II. Non-Bulk Imports</b>	<b>138694.5</b>	<b>164905.2</b>	<b>163057.9</b>	<b>218602.4</b>	<b>274386.5</b>	<b>261914.7</b>	<b>558393.8</b>	<b>746949.3</b>	<b>770951.5</b>	<b>995230.2</b>	<b>1315017.0</b>	<b>1424819.0</b>
<b>A. Capital Goods</b>	<b>70110.4</b>	<b>71833.0</b>	<b>65865.1</b>	<b>78546.2</b>	<b>99223.2</b>	<b>91449.8</b>	<b>282269.3</b>	<b>330384.3</b>	<b>312485.5</b>	<b>357876.4</b>	<b>475508.0</b>	<b>497576.0</b>
1. Manufactures of Metals	2662.7	3254.9	2402.1	3328.9	4261.6	4288.4	10720.2	14970.5	11396.3	15167.3	20423.0	23333.0
2. Machine Tools	2208.0	2259.8	1655.7	2255.3	2986.2	2761.5	8889.6	10393.6	7855.3	10275.5	14311.0	15025.0
3. Machinery except Electrical and Electri	19860.4	21601.0	19683.1	23846.8	30110.8	27642.8	79959.4	99350.3	93383.3	108652.1	144300.0	150404.0
4. Electrical Machinery except Electronic	2870.5	3685.5	3113.4	3843.0	4778.2	4454.2	11556.9	16951.0	14770.8	17509.6	22899.0	24235.0
5. Electronic Goods	20209.9	23333.8	20955.2	26560.6	32657.4	31457.4	81366.3	107319.8	99418.6	121017.2	156504.0	171159.0
6. Computer Goods	893.8	1274.6	1680.5	1129.7	1539.2	574.6	3598.3	5862.5	7972.8	5147.1	7376.0	3126.0
7. Transport Equipment	20111.6	13230.3	11692.3	11437.5	14079.6	13713.3	80970.7	60850.7	55471.9	52112.2	67474.0	74614.0
8. Project Goods	1293.5	3193.1	4682.8	6144.4	8810.2	6557.6	5207.9	14685.9	22216.5	27995.6	42221.0	35680.0
<b>B. Mainly Exported Related Items</b>	<b>20768.2</b>	<b>31930.8</b>	<b>31270.1</b>	<b>53608.3</b>	<b>51895.2</b>	<b>46844.9</b>	<b>83614.6</b>	<b>146860.0</b>	<b>148355.2</b>	<b>244253.4</b>	<b>248697.0</b>	<b>254882.0</b>
1. Perals, Precious and Semi-Precious Stc	7971.6	16581.3	16162.1	34588.9	28017.2	22619.2	32094.3	76263.0	76678.3	157596.1	134266.0	123071.0
2. Organic and Inorganic Chemicals	9896.6	12203.0	11903.2	15220.8	18841.8	19256.7	39844.5	56125.4	56472.7	69349.8	90296.0	104775.0
3. Textile Yarn, Fabrics, Made-ups, etc.	2474.1	2565.4	2562.4	3217.1	3922.2	3989.2	9961.0	11799.2	12156.7	14658.0	18796.0	21705.0
4. Cashew Nuts	425.9	581.1	642.4	581.5	1114.0	979.8	1714.8	2672.4	3047.5	5339.0	5331.0	
<b>C. Others</b>	<b>47815.9</b>	<b>61141.4</b>	<b>65922.7</b>	<b>86447.9</b>	<b>123268.1</b>	<b>123620.0</b>	<b>192509.8</b>	<b>269705.0</b>	<b>310110.9</b>	<b>393100.4</b>	<b>590812.0</b>	<b>672361.0</b>
1. Gold and Silver	17866.9	22783.0	29601.7	42482.7	61401.8	55674.1	71933.5	104786.4	140440.4	193562.0	294255.0	302922.0
a). Gold	16723.6	20725.6	28640.00	40546.9	56319.8	53694.1	67330.4	95323.8	135877.9	184742.00	269901.00	292149.0
b). Silver	1143.3	2057.4	961.70	1935.8	5082.0	1980.0	4603.1	9462.6	4562.5	8820.00	24354.00	10773.0
2. Artificial Resins and Plastic Materials,	3685.2	3939.1	4990.1	6870.5	7540.0	8623.9	14836.6	18117.3	23674.7	31303.6	36134.0	46923.0
3. Professional, Scientific Controlling Instruments, Photographic Optical Goods	3899.6	4420.3	3616.3	4214.0	5247.2	5367.7	15700.0	20330.4	17157.0	19200.0	25146.0	29206.0
4. Coal, Coke and Briquettes, etc.	6423.7	9990.2	8960.4	9804.1	17443.9	15438.1	25862.2	45948.0	42511.1	44669.9	83596.0	83999.0
5. Medical and Pharmaceutical Products	1671.7	1886.1	2099.1	2439.3	2981.4	3118.0	6730.4	8674.8	9959.0	11113.9	14288.0	16965.0
6. Chemical Materials and Products.	1625.3	2092.8	2292.1	2914.3	3462.9	3631.0	6543.6	9625.6	10874.3	13278.1	16595.0	19756.0
7. Non-Metallic Mineral Manufactures	1046.6	1171.4	1080.8	1523.2	2064.5	2068.3	4213.7	5387.7	5127.7	6939.9	9894.0	11253.0
8. Others	11596.9	14858.5	13282.2	16199.8	23126.4	29698.9	46689.8	56834.8	60366.7	73033.0	110904.0	161337.0
<b>Total Imports</b>	<b>251439.3</b>	<b>303696.3</b>	<b>288373.0</b>	<b>369769.7</b>	<b>489319.7</b>	<b>491487.4</b>	<b>1012311.8</b>	<b>1374435.7</b>	<b>1363736.1</b>	<b>1683467.5</b>	<b>2345463.0</b>	<b>2673113.0</b>

P: Provisional

Source: Directorate General of Commercial Intelligence and Statistics.

**Table 5.4 Export of Principal Commodities**

Commodity	(US\$ Million)							(Rupees Crore)						
	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>I. Primary Products</b>	<b>19685.8</b>	<b>27551.9</b>	<b>25335.4</b>	<b>26396.6</b>	<b>32844.2</b>	<b>45923.6</b>	<b>46200.3</b>	<b>110925.8</b>	<b>116526.6</b>	<b>125233.9</b>	<b>149648.4</b>	<b>220080.1</b>	<b>251373.0</b>	
<b>A. Agriculture and Allied f</b>	<b>12683.3</b>	<b>18432.1</b>	<b>17534.9</b>	<b>17734.2</b>	<b>24207.6</b>	<b>37473.3</b>	<b>40641.7</b>	<b>74208.9</b>	<b>80649.6</b>	<b>84136.3</b>	<b>110295.8</b>	<b>179583.1</b>	<b>221130.0</b>	
1. Tea	435.3	505.3	584.6	620.4	736.2	851.1	859.6	2034.2	2688.9	2943.5	3354.3	4079.0	4677.0	
2. Coffee	435.1	465.0	490.4	428.3	660.6	946.2	866.1	1872.3	2255.8	2032.1	3009.9	4535.0	4713.0	
3. Rice	1554.9	2919.6	2427.4	2372.3	2542.9	5030.7	6213.6	11754.6	11164.4	11254.9	11586.1	24109.0	33808.0	
4. Wheat	7.8	0.1	0.3	0.2	0.2	213.5	1927.7	0.0	2.0	0.0	1.0	1023.8	10488.0	
5. Cotton raw including wa	1349.8	2202.0	623.1	2010.2	2888.4	4512.3	3641.4	8865.4	2865.9	9537.1	13160.5	21624.0	19813.0	
6. Tobacco	372.4	479.8	752.5	915.7	874.7	836.0	925.6	1931.9	3461.1	4344.4	3985.4	4006.1	5036.0	
7. Cashew incl. Cashew l	553.9	555.1	637.2	596.3	626.2	928.6	753.0	2234.8	2930.7	2829.2	2853.2	4450.2	4097.0	
8. Spices	697.9	1071.7	1378.1	1297.8	1765.4	2758.6	2815.5	4314.9	6338.4	6157.3	8043.5	13220.0	15319.0	
9. Oil Meals	1216.4	2022.0	2232.8	1650.8	2429.5	2461.6	2907.9	8140.5	10269.2	7831.8	11069.6	11796.0	15822.0	
10. Fruits and Vegetables	26.9	761.6	982.6	1128.9	1076.5	1200.4	1238.1	3066.4	4519.4	5355.9	4905.0	5752.0	6736.0	
11. Processed Fruits, Jui Processed Items	405.8	530.5	690.7	686.0	805.4	1145.3	1273.5	2135.8	3176.6	3254.6	3669.0	5489.0	6929.0	
12. Marine Products	1768.2	1720.5	1536.4	2086.7	2615.6	3460.7	3461.3	6926.7	7066.4	9900.0	11917.1	16585.0	18833.0	
13. Sugar and Molasses	720.6	1406.5	985.2	27.4	1236.4	1872.0	1617.7	5662.8	4531.4	130.0	5633.3	8971.0	8802.0	
14. Meat and Meat prepar	732.4	931.3	1167.9	1325.0	1966.5	2944.5	3290.3	3749.5	5371.4	6286.1	8960.1	14111.0	17902.0	
15. Others	2405.9	2861.1	3045.7	2588.2	3983.1	8311.8	8850.4	11519.1	14008.0	12279.4	18148.0	39632.0	48155.0	
<b>B. Ores and Minerals</b>	<b>7002.5</b>	<b>9119.8</b>	<b>7800.5</b>	<b>8662.4</b>	<b>8636.6</b>	<b>8450.3</b>	<b>5558.6</b>	<b>36716.9</b>	<b>35877.0</b>	<b>41097.6</b>	<b>39352.7</b>	<b>40497.0</b>	<b>30243.0</b>	
1. Iron Ore	3902.0	5812.0	4723.6	5978.9	4700.3	4629.1	1600.3	23399.7	21725.2	28366.1	21415.6	22184.0	8707.0	
2. Mica	16.8	21.8	29.6	27.8	41.5	49.6	50.6	87.5	136.2	132.0	189.2	238.0	275.0	
3. Others	3083.7	3286.0	3047.3	2655.7	3894.8	3771.6	3907.7	13229.7	14015.6	12599.5	17747.9	18075.0	21261.0	
<b>II. Manufactured Goods</b>	<b>84920.4</b>	<b>102978.8</b>	<b>123148.9</b>	<b>115180.7</b>	<b>157994.5</b>	<b>185422.7</b>	<b>183718.8</b>	<b>414599.3</b>	<b>566402.4</b>	<b>546455.7</b>	<b>719862.4</b>	<b>888597.8</b>	<b>996114.0</b>	
<b>A. Leather and Manufac</b>	<b>3016.7</b>	<b>3502.5</b>	<b>3556.0</b>	<b>3361.1</b>	<b>3910.6</b>	<b>4793.6</b>	<b>4870.2</b>	<b>14101.3</b>	<b>15946.4</b>	<b>16355.1</b>	<b>17817.8</b>	<b>22972.0</b>	<b>26499.0</b>	
<b>B. Chemicals and Relat</b>	<b>17335.4</b>	<b>21193.8</b>	<b>22708.2</b>	<b>22908.8</b>	<b>28871.1</b>	<b>37104.6</b>	<b>39929.7</b>	<b>85327.7</b>	<b>104442.1</b>	<b>108686.7</b>	<b>131544.0</b>	<b>177816.0</b>	<b>217257.0</b>	
1. Basic Chemicals,p & cosmetics	10958.8	13952.4	15628.4	15767.5	19305.0	24528.5	27043.4	56173.4	71880.0	74806.2	87958.5	117548.0	147143.0	
2. Plastic and Linoleu	3252.6	3418.6	3004.2	3354.1	4674.2	6241.5	6311.1	13763.4	13817.3	15912.8	21296.8	29911.0	34339.0	
3. Rubber, Glass, Pai Products	2372.8	2886.3	2992.2	2752.5	3595.9	4727.9	5075.0	11620.5	13762.0	13058.9	16384.0	22658.0	27613.0	
4. Residual Chemicals	751.2	936.5	1083.4	1034.7	1296.0	1606.7	1500.2	3770.5	4982.8	4908.8	5904.7	7700.0	8163.0	
<b>C. Engineering goods</b>	<b>29567.1</b>	<b>37365.1</b>	<b>47285.5</b>	<b>38271.2</b>	<b>58137.9</b>	<b>67832.3</b>	<b>65288.6</b>	<b>150434.8</b>	<b>217482.0</b>	<b>181571.7</b>	<b>264891.0</b>	<b>325072.0</b>	<b>355236.0</b>	
1. Iron & Steel	5238.6	5446.5	5822.7	3622.2	5113.3	6587.9	6225.9	21928.1	26780.6	17185.1	23297.4	31571.0	33875.0	
2. Manufacture of met	5081.2	7051.3	7548.2	5523.0	8456.0	9581.9	10034.3	28389.0	34716.7	26203.0	38527.6	45919.0	54597.0	
3. Machinery & Instru	6722.8	9128.1	10945.5	9539.0	11839.0	14310.8	15215.6	36750.3	50341.9	45256.3	53941.8	68582.0	82788.0	
4. Transport equipmei	4949.9	7024.7	11153.3	9824.3	16048.5	21140.5	18409.3	28282.1	51297.8	46609.8	73121.3	101311.0	100165.0	
5. Electronic goods	2854.0	3361.1	6805.6	5458.2	8203.7	8851.5	8065.2	13532.2	31301.4	25895.4	37378.0	42419.0	43883.0	
6. Others	4720.6	5353.4	5010.2	4304.5	8477.4	7359.7	7338.3	21553.1	23043.6	20422.1	38625.0	35270.0	39928.0	
<b>D. Textile &amp; textile produ</b>	<b>17373.2</b>	<b>19425.8</b>	<b>20016.4</b>	<b>19853.1</b>	<b>24225.0</b>	<b>28026.6</b>	<b>27343.0</b>	<b>78209.3</b>	<b>92061.9</b>	<b>94189.3</b>	<b>110374.6</b>	<b>134309.8</b>	<b>148774.0</b>	
1. Cotton yarn, fabrics , including silk waste	4218.7	4653.3	4115.7	3684.2	5785.6	6805.1	7516.6	18734.4	18929.5	17479.1	26360.8	32611.6	40898.0	
2. Natural silk yarn ,fs including silk waste	441.9	385.8	363.1	302.7	374.2	208.5	167.7	1553.1	1670.0	1436.0	1705.0	999.0	912.0	
3. Man made yarn, fal	2204.4	2897.0	3026.3	3602.7	4277.7	5069.5	4535.2	11663.3	13918.8	17092.5	19490.0	24294.0	24676.0	
4. Manmade staple fit	196.4	278.6	254.8	356.4	421.4	574.4	507.2	1121.7	1120.0	1192.0	1920.0	2753.0	2760.0	
5. Woolen yarn, fabric	85.2	92.8	99.3	89.6	110.0	151.3	121.1	373.6	456.5	424.9	501.0	725.0	659.0	
6. Readymade garme	8892.3	9687.1	10935.0	10705.6	11601.8	13691.2	12925.6	39001.0	50293.5	50791.0	52860.9	65612.0	70328.0	
7. Jute & jute manufac	260.4	327.7	299.1	217.8	459.2	464.5	387.2	1319.4	1375.8	1033.1	2092.1	2226.0	2107.0	
8. Coir & coir manufac	145.9	160.2	148.0	160.1	159.5	212.5	197.0	644.9	680.7	759.7	726.5	1018.0	1072.0	
9. Carpets	928.0	943.3	775.1	734.0	1035.6	849.6	985.4	3797.9	3565.1	3482.3	4718.3	4071.0	5362.0	
(a) Carpet handma	898.7	925.4	762.4	725.4	1033.0	845.4	981.6	3725.8	3506.4	3441.7	4706.7	4051.0	5341.0	
(b) Carpet millmad	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
(c) Silk carpet	29.3	17.9	12.8	8.6	2.6	4.2	3.8	72.1	58.7	40.6	11.7	20.0	21.0	
<b>E. Gems &amp; Jewellery</b>	<b>15977.0</b>	<b>19678.7</b>	<b>27955.2</b>	<b>28996.3</b>	<b>40476.1</b>	<b>44840.5</b>	<b>43457.4</b>	<b>79227.7</b>	<b>128575.2</b>	<b>137568.0</b>	<b>184419.5</b>	<b>214889.0</b>	<b>236451.0</b>	
<b>F. Handicrafts(excludin</b>	<b>438.0</b>	<b>508.2</b>	<b>301.0</b>	<b>224.8</b>	<b>256.9</b>	<b>277.9</b>	<b>200.2</b>	<b>2046.2</b>	<b>1384.2</b>	<b>1066.6</b>	<b>1170.5</b>	<b>1332.0</b>	<b>1089.0</b>	
<b>G. Other manufactured g</b>	<b>1213.0</b>	<b>1304.6</b>	<b>1326.7</b>	<b>1565.5</b>	<b>2116.9</b>	<b>2547.2</b>	<b>2629.7</b>	<b>5252.3</b>	<b>6101.9</b>	<b>7427.0</b>	<b>9645.0</b>	<b>12207.0</b>	<b>14308.0</b>	
<b>III. Petroleum Products</b>	<b>18634.6</b>	<b>28363.1</b>	<b>27547.0</b>	<b>28192.0</b>	<b>41480.0</b>	<b>56038.5</b>	<b>60290.7</b>	<b>114191.7</b>	<b>123397.9</b>	<b>132899.0</b>	<b>188779.0</b>	<b>267915.0</b>	<b>327679.0</b>	
<b>IV. Others</b>	<b>3173.2</b>	<b>4010.5</b>	<b>9263.7</b>	<b>8982.2</b>	<b>18817.7</b>	<b>18579.1</b>	<b>10361.0</b>	<b>16146.6</b>	<b>34428.9</b>	<b>40945.0</b>	<b>84633.0</b>	<b>89366.0</b>	<b>56597.0</b>	
<b>Total Exports</b>	<b>126414.1</b>	<b>162904.3</b>	<b>185295.0</b>	<b>178751.5</b>	<b>251136.3</b>	<b>305963.9</b>	<b>300570.8</b>	<b>655863.4</b>	<b>840755.8</b>	<b>845533.6</b>	<b>1142922.8</b>	<b>1465958.9</b>	<b>1635263.0</b>	

P: Provisional  
Source: Directorate General of Commercial Intelligence and Statistics.

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	845534	...	1363736	...	...
2010-11	1142922	...	1683467	...	...
2011-12	1465959	...	2345463	...	...
2012-13	1635263	...	2673113	...	...

Source : DGCI &amp; S, Ministry Of Commerce

Table 5.6		Outlay And Expenditure - Port Sector (Central)												
		(Rs. In crore)												
Port	Annual Plan (2007-2008)		Annual Plan (2008-2009)		Annual Plan (2009-2010)		Annual Plan (2010-11)		Annual Plan (2011-12)		Annual Plan (2012-13)		Annual Plan (2013-14)	
	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.(Upto Feb,14.)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Kolkata (a)	37.37	63.05	44.97	53.64	58.00	48.85	50.88	49.76	63.73	21.29	28.45	17.34	38.03	11.62
Mumbai	50.36	26.10	150.00	23.50	192.00	146.09	179.58	116.76	176.57	142.05	279.79	149.30	427.60	99.69
JNPT	188.18	70.28	175.17	48.77	324.00	177.94	89.61	38.24	153.69	140.52	341.18	240.21	1559.10	850.23
Chennai	47.81	44.41	72.95	48.98	34.00	58.37	243.00	184.46	136.00	4.44	145.00	81.75	107.00	18.92
Cochin	158.52	139.07	255.65	246.33	191.97	190.93	259.35	160.86	115.08	92.21	93.45	78.47	123.05	20.88
Visakhapatnam	83.00	36.61	39.97	31.44	65.01	75.74	151.00	121.19	190.00	113.45	102.71	57.92	182.34	131.58
Kandla	89.49	38.25	140.87	58.07	115.00	62.64	45.66	52.70	92.27	52.82	166.89	138.44	145.45	103.23
Mormugao	10.10	11.18	22.07	17.52	71.00	31.01	66.29	71.52	108.93	69.17	71.36	46.95	110.00	58.69
Paradip	100.00	42.05	288.00	101.47	276.51	128.19	166.21	81.26	70.00	74.80	127.31	73.73	96.91	69.39
New Mangalore	36.00	25.81	30.00	30.11	34.00	32.48	31.00	24.56	36.00	38.45	36.00	45.50	75.00	29.59
Tuticorin	79.46	63.16	96.87	65.12	220.50	39.03	90.94	172.08	291.97	369.65	201.42	42.63	547.82	9.76
Ennore Port Ltd.	61.00	34.53	70.00	102.43	95.01	50.52	95.00	70.12	60.00	61.92	73.50	80.03	600.00	538.25
Sethusamudram Ship Canal Project	664.22	119.47	1581.07	152.24	161.10	20.98	10.00	6.02	10.01	8.51	4.00	2.12*	6.00	2.58*
WEB Based EDI Port Community System	7.50	0.04	6.00	1.00	3.00	3.33	4.88	4.46	2.38	2.01	2.00	2.00	1.00	0.83
Others (b)	477.26	170.67	598.38	88.50	564.90	161.68	362.86	223.31	673.09	518.08	901.87	579.43	635.00	824.27
Survey Vessels	19.00	0.00	79.00	5.00	10.00	0.00	15.00	15.00	15.00	15.00	0.00	0.00	0.00	0.00
Total	2109.27	884.68	3650.97	1143.10	2416.00	1227.8	1861.26	1392.30	2194.72	1724.37	2574.93	1633.70	4654.30	2766.93

(a) Includes Haldia and RR Schemes.  
(b) Includes DCI, ALHW, R&D Studies, Post Tsunami Works, Minor Ports Studies, IT for D/Shipping, Web based PCS Dev of Non-Major Ports etc.  
\* The amount is received as equity from Govt. of India and other stakeholders.  
App.Outlay: Approved Outlay  
Source : Annual Plan - Port Sector ( Deptt. of Shipping)/IPA

## Port : All Ports

<b>Table 5.7</b>		<b>India's Overseas Trade during 2012-13</b>				(In '000 Tonnes)
<b>Type of Cargo</b>		<b>Indian Lines</b>	<b>Foreign Lines</b>		<b>Total</b>	
<b>General Cargo</b>						
	Loaded	1582	5.11	29353	94.89	30935
	Unloaded	3053	7.53	37482	92.47	40535
	Total	4635	6.49	66835	93.51	71470
<b>Container</b>						
	Loaded	1313	1.88	68689	98.12	70002
	Unloaded	966	1.38	69170	98.62	70136
	Total	2279	1.63	137859	98.37	140138
<b>Dry Bulk</b>						
	Loaded	1423	3.42	40227	96.58	41650
	Unloaded	20807	9.52	197667	90.48	218474
	Total	22230	8.55	237894	91.45	260124
<b>POL/Product &amp; Other Liquids</b>						
	Loaded	2775	4.30	61812	95.70	64587
	Unloaded	38308	16.27	197131	83.73	235439
	Total	41083	13.69	258943	86.31	300026
<b>Grand Total</b>						
	Loaded	7093	3.42	200081	96.58	207174
	Unloaded	63134	11.18	501450	88.82	564584
	Total	70227	9.10	701531	90.90	771758

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, Chennai, Ennore, Visakhapatnam, Paradip and Kolkata and 185 minor/intermediate ports situated along the coast line of about 6,000 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.	<b>Turn-Round Time</b>	Total time spent by a ship since its entry till its departure.
13.	<b>Port Dues</b>	A levy of port authority on a ship.
14.	<b>Pilotage</b>	A port charge for guiding a ship in or out of a harbour through channels, passages or other waters by an authorised pilot.
15.	<b>Output per Berth Day</b>	Total tonnage handled distributed over the total number of berth days.
16.	<b>Idle Time</b>	Non-working time of a ship (without loading or unloading of cargo) at berth.
17.	<b>Pre-berthing Detention</b>	The time for which a ship waits before getting entry into a berth.
18.	<b>Berth Occupancy</b>	The time for which a berth is occupied (by ships).
19.	<b>Export</b>	Loaded overseas traffic.
20.	<b>Import</b>	Unloaded overseas traffic.
21.	<b>Traffic</b>	A scalar with only magnitude but no direction such as the total of exports and imports or loaded and unloaded cargo.
22.	<b>Traffic flows</b>	A vector with magnitude and direction such as passengers embarked/disembarked or cargo exports/imports.
23.	<b>Gang</b>	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.	<b>Gang shift</b>	Refers to a gang (irrespective of number of persons in the gang) working in one shift.
25.	<b>Gang hours</b>	Number of hours per shift multiplied by number of gang shift.
26.	<b>Cranage</b>	The hire charges for providing a port crane for cargo handling.
27.	<b>Wharfage</b>	A port charge on the ships for all cargo conveyed on over or through a wharf/berth.