

# भारत के मूल पत्तन आंकड़े

## BASIC PORT STATISTICS OF INDIA

### 2009-10



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) which serves both Ministry of Shipping, Road Transport & Highways brings out an annual publication '**Basic Port Statistics of India**' (BPS). This is a premier source of information on port statistics/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 2009-10 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 up 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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## **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	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
1	2	3	4	5	6	7	8
<b>1. No. of Ports (Number)</b>							
Major	12	12	12	12	12	12	12
Non-Major	185	187	187	187	187	187	187
Total	197	199	199	199	199	199	199
<b>2. Cargo Handled (Million Tonnes)</b>							
Major	344.80	383.76	423.57	463.78	519.31	530.80	561.09
Non-Major	118.86	136.96	150.12	184.92	206.38	213.22	289.32
Total	463.66	520.72	573.69	648.7	725.69	744.02	850.41
<b>3. Containers</b>							
Major ('000 TEUs)	3895	4235	4613	5537	6705	6578	6863
('000 Tonnes)	51035	54791	62009	73469	92247	93440	101244
<b>4. Passenger Traffic ('000 Nos.)</b>							
Major	304	311	408	431	483	330	248
Non-Major	12985	14738	20268	15502	16108	17301	
Total	13289	15049	20676	15933	16591	17631	248
<b>5. Employment ('000 Nos.)</b>							
Major	71	65	64	58	58	57	55
Non-Major	4	3	3	3	3	3	3
<b>6. Financial Performance - Major Ports (Rs. Million)</b>							
a) Total Revenue	47400	54529	59813	68836	72225	75193	79767
b) Total Expenditure	40754	43555	39369	44095	46297	57834	65173
<b>7. Performance Indicators- Major Ports</b>							
a) Total Cargo Vessels Sailed(Nos.)	16651	17378	19171	20168	21529	21366	22047
b) Av. Turn Round Time (Days)	3.4	3.5	3.63	3.65	3.98	4.20	4.63
c) Av. Pre-berthing Detention (Days)	1.1	0.96	1.11	1.20	1.55	1.63	1.96
On Port Account	0.2	0.26	0.36	0.39	0.46	0.39	0.4
On Non Port Account	0.9	0.70	0.75	0.81	1.09	1.24	1.56
d) Output per ship berth day (Tonnes)	9215	9371	9543	10326	9440	9669	9215
Container	8785	9204	11358	19570	13776	15223	16272
Break-Bulk	1680	1768	1904	1839	1488	1647	1724
Dry Bulk- Mechanical	20936	22244	20786	22431	20057	18104	17044
Conventional	6074	6373	6433	6042	6394	6518	5985
Liquid Bulk	17330	17233	17045	17575	17034	17430	16445

# **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**

1.1 The year 2009 marked a major turning point in the history of world economy and trade. The world economy experienced a synchronized downturn: financial markets, capital flows, international trade and economic activity have been affected in all the regions of the world. The worsening of the financial crisis in September 2008 radically changed economic conditions, leading to an abrupt downturn in production and trade across all the regions. This crisis was unique, not only in terms of its depth but also in the extent of its global reach: virtually no economy has remained unaffected. As per the World Economic Outlook (International Monetary Fund (IMF), September 2011, world output contracted by 0.7 % in 2009, reflecting the first contraction global output since 1930. The global economic turmoil that began in 2008 aggravated in 2009, as growth rates of the major advanced economies turned negative with US, Japan and Euro zone posting a fall of 3.5 %, 4.3 % and 6.3 % respectively in 2009 as per the World Economic Outlook (IMF, April, 2010).The evolution of international trade has mirrored that of economic activity. Concomitantly, the volume of world trade fell by 10.7 %, the first drop since 1982 and largest since the Second World War (Table: 1). Developing economies and countries have also felt the brunt of the downturn.

1.2 Growth in world output after declining by 0.7% made a rebound to 5.1% in 2010. Developing Countries weathered the harsh external environment in 2009 helped by decisive policy responsive. Economies like India and China with large domestic markets performed well. Developing countries growth grew by 7.3% and that of developed/advanced economies at more modest 3.1 % in 2010 by the IMF. Despite the steep fall in global trade, India outperformed the rest of world in 2009.

1.3 Following the global economic downturn and sharp decline in world merchandise trade, growth in international sea borne trade continued at a slower rate of 3.6% in 2008 compared with 4.5% in 2007.

<b>Table 1: Growth in Cargo handled at Indian Ports and related parameters</b>					
<b>Parameters</b>	<b>2005-06</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>
<b>Trends in India's Select : Macro Parameters (in per cent)</b>					
<b>I. Total Cargo</b>	10.9	12.2	11.9	2.5	14.3
(a) Major Ports	10.4	9.5	12.0	2.2	5.7
(b) Non Major Ports	12.5	19.7	11.6	3.3	35.5
<b>II. GDP overall</b>	9.5	9.7	9.2	6.7	8.0
(a) Agriculture	5.2	3.7	4.7	1.6	0.4
(b) Industry	9.3	12.7	9.5	3.9	8.0
(c) Services	11.1	10.2	10.5	9.8	10.1
<b>III. Foreign Trade</b>					
(a) Export in \$ value	23.4	22.6	29.0	13.6	-4.7
(b) Import in \$ value	33.8	24.5	35.5	20.7	-8.2
<b>Trends in Global Select : Macro Parameters (in per cent)</b>					
<b>IV. World Output</b>	4.6	5.3	5.4	2.8	-0.7
(a) Advanced Economies	2.7	3.1	2.8	0.1	-3.7
(b) Developing Economies	7.3	8.2	8.9	6.0	2.8
<b>V. World Trade Volume #</b>	8.0	9.1	7.7	3.0	-10.7
<b>VI. Export Volume (Goods)</b>					
(a) Advanced Economies	6.1	9.1	6.4	1.9	-14.0
(b) Developing Economies	11.7	10.0	9.4	4.7	-8.0
<b>VII. Import Volume (Goods)</b>					
(a) Advanced Economies	6.8	8.3	5.3	0.4	-13.6
(b) Developing Economies	11.6	10.4	13.3	8.4	-9.5
<b>VIII. World Seaborne Trade*</b>	3.6	7.3	3.5	2.2	-4.4
(a) Goods Loaded	3.8	6.1	3.9	2.8	-4.5
(b) Goods Unloaded	3.3	8.4	3.2	1.7	-4.4
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;# goods III. Based on Department of Commerce, DGCI&S data; IV,V,VI & VII Based on World Economic Outlook, September,2011 IMF; VIII. Based on Review of Maritime Transport, 2010, UNCTAD Note : MT: Million Tonnes; For item Nos IV, V, VI, VII and VIII year 2005-06 refers to calendar year 2005 and so on; * growth in total goods loaded plus unloaded					

1.4 A noteworthy feature of performance of India's port traffic during the years 2002-08 in particular has been its much higher growth compared to corresponding growth in world seaborne trade. To a large extent the strong growth of India's seaborne cargo traffic reflected buoyancy in India's overall Gross Domestic product (GDP) growth and robust growth in merchandise trade in recent years. As a result, growth in India's seaborne cargo throughput during 2002-08 outstripped growth in both world trade and output. In the face of uncertain global market conditions and more challenging domestic market environment India's seaborne cargo traffic grew by a mere 2 per cent in 2008-09 but recovered **sharply to 14.6 %** in 2009-10. Deceleration in the growth of cargo traffic during 2008-09 is attributed to mainly exogenous factors rooted in global and domestic growth dynamics.

1.5 International trade is a cornerstone of the global economy. Exchange of goods amongst countries widen the choice of supply and ensures that production takes place where it is cheapest and best. This is reflected in the intensification of globalization and the fact that world trade is growing faster than the world output. World trade relies on cheap and secure transport. Maritime transport, enabled by, inter alia, technological developments and competitive transport costs, is estimated to handle over 80 % world trade by volume and over 70 % by value. As trade grows, the demand for maritime transport also grows. Technological developments in bulk and container transport have made maritime transport cheaper. Bulk transport involves shipping one homogeneous commodity (e.g. grain, ore etc) at any one time, but in large quantities; in contrast, container transport entails transporting different goods at the same time, but in standard containers that are easy to load and unload. However, the slower growth in world sea-borne trade compared to world trade in general reflects that the weight of the goods transported increases at a slower rate than their value due to rising trade in processed goods like electronic items, medicines, apparel, gems and jewellery etc. Besides, greater use of lighter materials and lower material intensity in the manufacturing process has also led to slower increase in weight.

## World Sea-borne Trade

1.6 Maritime transport activity depends on developments in world trade. An analysis of world seaborne trade based on Review of Maritime Transport (RMT), UNCTAD (2009) shows international seaborne trade (loadings/exports) increased at a slower rate of 3.6% in 2008 to reach a total volume of 8.17 billion tonnes (Table:2). Indeed during the past three decades, the annual average growth in world seaborne trade is estimated at 3.1 per cent by the RMT (2008), UNCTAD. The figure of 7.84 billion tonnes of international seaborne trade in 2009 comprised 2.65 billion tonnes of tanker cargo (33.8%) and 5.19 billion tonnes of dry cargo (66.2%). Tanker trades (crude oil and products) posted decline of 4.3 % in 2009 in an environment of weak demand. The tanker Cargo, in turn, consisted of 1724 million tonnes (65%) of crude oil and 925 million tonnes (35%) of petroleum products. Dry bulk trade, the main driver of the shipping industry over the past few years, is driven, inter *alia*, by industrial production and growth requirements. These shipments accounted for more than two-third of total world goods loaded.

Year	Tanker Cargo		Dry Cargo		Total Cargo	
	In tonnes	% change	In tonnes	% change	In tonnes	% change
1990	1755		2253		4008	
2000	2163		3821		5984	
2001	2177	0.6	3844	0.6	6021	0.6
2002	2139	-1.7	3981	3.6	6120	1.6
2003	2226	4.1	4274	7.4	6500	6.2
2004	2318	4.1	4528	5.9	6846	5.3
2005	2422	4.5	4687	3.5	7109	3.8
2006	2698	11.4	4894	4.4	7592	6.8
2007	2747	1.8	5237	7.0	7984	5.2
2008	2732	-0.5	5478	4.6	8210	2.8
2009	2649	-3.0	5194	-5.2	7843	-4.5

Source: Review of Maritime Transport:2010, UNCTAD and earlier issues

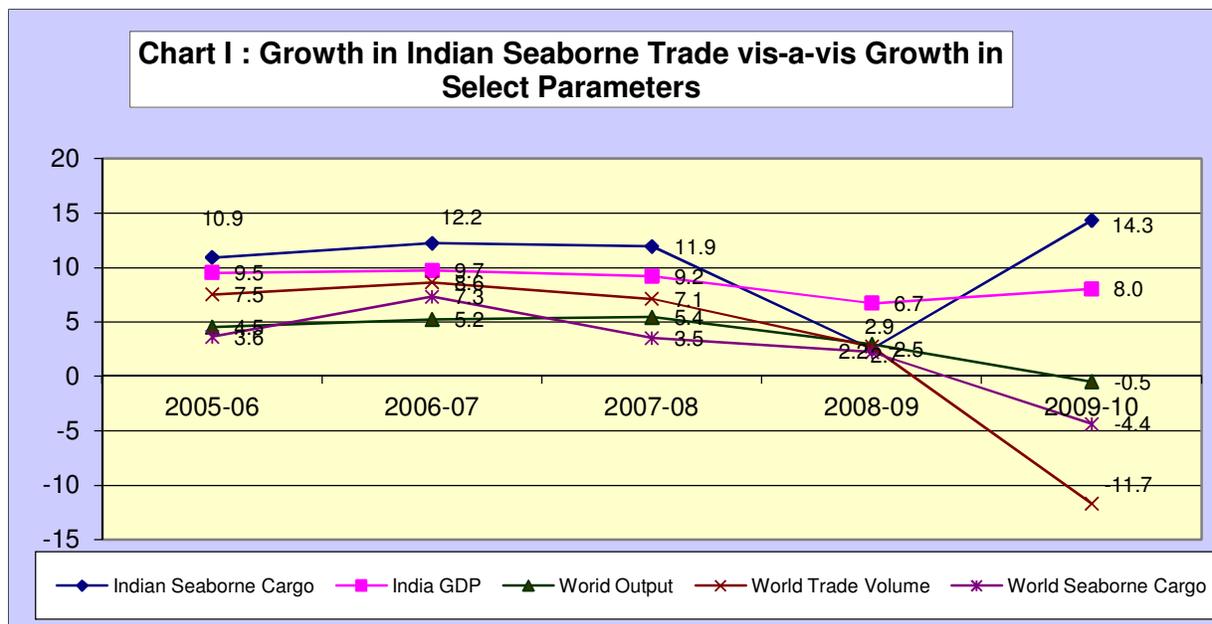
1.7 Since 1990, global container trade (in TEUs) is estimated to have increased by a factor of five, which is equivalent to an annual average growth of 9.8 per cent (RMT 2008). Accounting for about 16 % of world goods loaded in volume terms (tons),

container trade recorded the sharpest deceleration, with a growth rate falling by more than half, from 11 % in 2007 to 4.7 % in 2008. Measured in Twenty Foot Equivalent units (TEU), container trade volumes increased from 130 million TEUs in 2007 to 137 million TEUs. Clarkson Shipping Services has projected a 9 % drop in container trade in 2009 and sluggish growth of 2.2 % in 2010. Similarly, Drewry Shipping Consultants is forecasting a fall of 10.3 % for 2009 and a marginal growth in 2010. Containerized trade is also a major driver of growth in the dry bulk segment. Strong growth in containerized traffic is fuelled by increased demand for consumer goods in developing regions, growth in intra-company trade and production inputs (parts and semi finished goods for assembly) and rising containerization of some traditional agricultural bulks.

1.8 An analysis of world seaborne trade based on RMT (2010), UNCTAD by country groups also yields some interesting insights. Firstly, developed market-economy countries (DMECs) accounted for 2.54 billion tons of seaborne exports/loadings and 3.50 billion tons of seaborne imports/unloading in 2008. This gave them a market share of 32.4% of total world seaborne exports and 44.3% of total world seaborne imports. Secondly, developing countries (across all continents) accounted for more than 61 % of the volume of world seaborne exports (with a very high market share of liquid cargo, reflecting the importance of Oil producers) and about 55% of world seaborne imports. The trade structure of developing countries contrasts sharply with that of DMECs. The developing countries' combined share in crude oil and petroleum products exports represented about 84 % and 57 % respectively. For imports, these shares were about 55% for crude and 38 % for products. In the dry cargo sector, the share of developing countries' exports was 54 % of world dry cargo exports, while their share of world imports was 63%. Thirdly, developing countries in Asia were the largest traders accounting for about 39 % of the world seaborne goods loaded/exported and 45 % of the world seaborne goods unloaded. Further developing countries in Asia accounted for 52.1 % and 38.5 % of total crude and petroleum products loaded in 2009. The corresponding share of crude and petroleum products in total unloading (imports) were 32.2 % and 32.7 % respectively in 2009.

## 2. India: Seaborne Cargo Traffic

2.1 The growth in India's GDP, Port traffic and growth in World output, export volume and seaborne trade (loadings and unloading) since 2003-04 is given in chart 1.



Source: Growth rates for India's GDP and Cargo Traffic are based on statistics released by Central Statistical Organization and data available with Transport Research Wing of M/o Shipping, Road Transport & Highways and pertain to fiscal year. Growth rates in the World Output and World Export Volumes refer to calendar years (2003-04 refers to 2003 and so on) based on UNCTAD, 2010.

## India's Maritime Trade

2.2 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 less than 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

2.3 During 2009-19, the total overseas cargo handled at Indian ports was placed at 692.04 million tonnes. The share of Indian bottoms in carrying this total cargo is summarized in Table 2A.

<b>Table 2A : India's Overseas Cargo Carried by Indian Flag Vessels during 2008-09 &amp; 2009-10</b>				
(In Million Tonnes)				
<b>Type of Cargo</b>	<b>2008-09</b>		<b>2009-10</b>	
	<b>Total Overseas Cargo</b>	<b>Total Overseas Cargo</b>	<b>Total Overseas Cargo</b>	<b>Total Overseas Cargo</b>
General Cargo	149.98	149.98	149.59	5.21(3.5)
Dry Bulk Cargo	238.41	238.41	281.07	13.01(4.6)
Liquid Bulk Cargo	222.65	222.65	261.40	37.89(14.5)
<b>Total</b>	<b>611.04</b>	<b>611.04</b>	<b>692.00</b>	<b>56.11(8.1)</b>
Figures in parenthesis indicate the percentage share of Indian vessels in respective cargo categories. Source: Major & Non-Major Ports				

2.4 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 bottoms carried more than 8% of the country's overseas cargo during 2009-10.

## 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 187 notified non-major (minor/intermediate) ports along the coast-line and sea-islands.

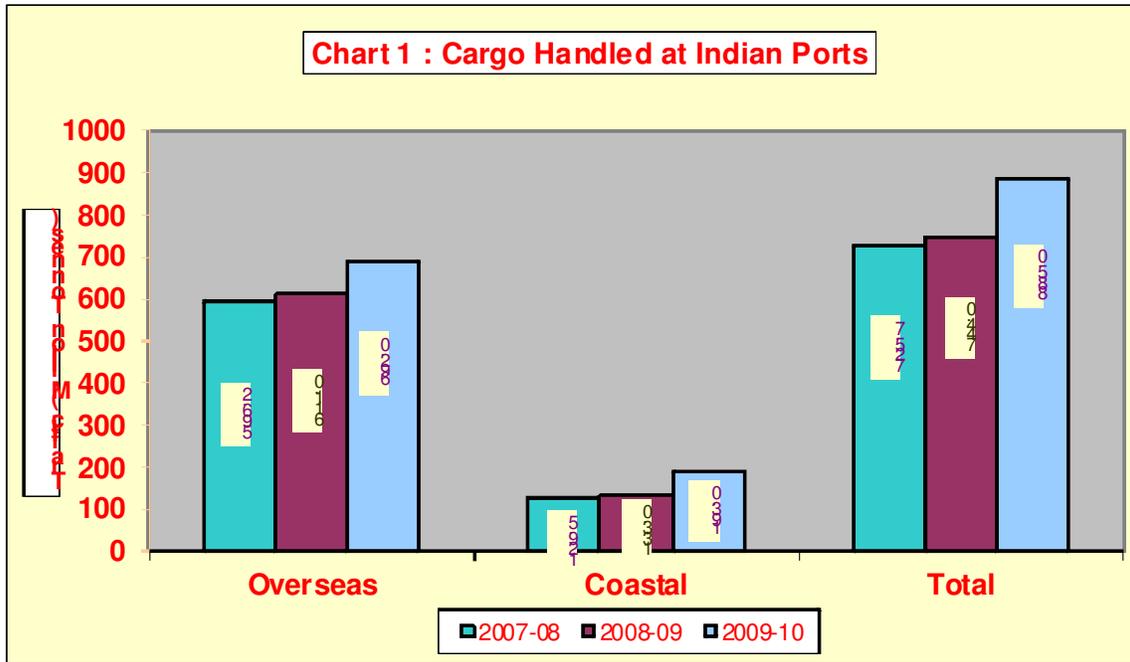
### 4. TOTAL TRAFFIC

4.1 The total cargo handled at Indian Ports (major and non-major) increased to 850 million tonnes in 2009-10 from 744.7 million tonnes in 2008-09 reflecting sharp increase of 14.3% during 2009-10. India's major ports handled more than 66% 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 2005-06 to 2009-10 is given in the Table: 3

Port	2005-06			2006-07			2007-08			2008-09			2009-10		
	OT	CT	TT	OT	CT	TT	OT	CT	TT	OT	CT	TT	OT	CT	TT
Major	12.69	2.62	10.37	10.71	12.69	2.62	10.37	10.71	12.69	2.62	10.37	10.71	6.21	3.6	5.21
Non Major	12.67	0.44	9.61	18.46	12.67	-0.44	9.61	18.46	12.67	-0.44	9.61	18.46	32.7	53.1	35.5
All Ports	12.68	1.81	10.17	12.74	12.68	1.81	10.17	12.74	12.68	1.81	10.17	12.74	14.2	14.6	14.3

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

4.2 The strong growth in overseas and coastal cargo traffic is reflective of strong volume growth in India's merchandise trade and robust economic growth. Overseas cargo accounts for more than three fourth of the total cargo handled at Indian Ports.



4.3 Post liberalization decade (1999-2000 to 2009-10) saw compound annual growth rate (CAGR) of 9.7% in total cargo throughput at Indian ports. During this period, the annual growth of 16.4% in Cargo handled at non-major ports was more than double the growth in cargo traffic at major ports of 7.5%. However, due to recovery in the world economy, the growth in cargo handled by major and non-major port increased by 5.21% and 35.5% respectively during 2009-10.

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

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

Name of the State	Major Ports	Non-Major Ports	Total
1. Gujarat	79.50	205.58	285.08
2. Maharashtra	115.30	12.05	127.35
3. Goa	48.85	13.90	62.74
4. Karnataka	35.53	8.55	44.08
5. Kerala	17.43	0.12	17.55
6. Tamil Nadu	95.55	1.17	96.72
7. Andhra Pradesh	65.50	43.69	109.19
8. Orissa	57.01	0.47	57.48
9. West Bengal	46.42	-	46.42
10. Others(a)	-	3.42	3.42
<b>TOTAL</b>	<b>561.09</b>	<b>288.94</b>	<b>850.03</b>

(a) Includes Pondicherry, Andaman & Nicobar Islands and Lakshadweep  
 Note: Figures in parenthesis indicate the share with respect to column total

5.2 Amongst the States, Gujarat has emerged as the premier maritime State in terms of port traffic and accounted for more than 33% of the total cargo handled at Indian ports. It is also noteworthy that more than 71% 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 15.0%, 12.8% and 11.4% 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
2001-02	155.82 (0.68)	53.42 (9.06)	10.95 (11.85)	60.15 (-6.18)	17.03 (4.35)	85.73 (15.03)	383.10 (3.96)
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)	97.60 (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)	82.40 (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 (-4.55)	25.88 (12.96)	186.12 (38.85)	648.70 (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 (16.48)	14.66 (0.20)	98.39 (14.91)	26.85 (1.42)	203.57 (14.34)	744.02 (14.25)
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)

Note : Figures in brackets indicate the year-on-year growth rate; FRM : Fertiliser 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 36.8% of the total seaborne traffic followed by Iron Ore (17.6%), Coal (13.3%) and Fertiliser & Fertiliser Raw Material (3.2%) in 2009-10. General cargo comprising of container cargo and break bulk constituted 27.4% of the cargo.

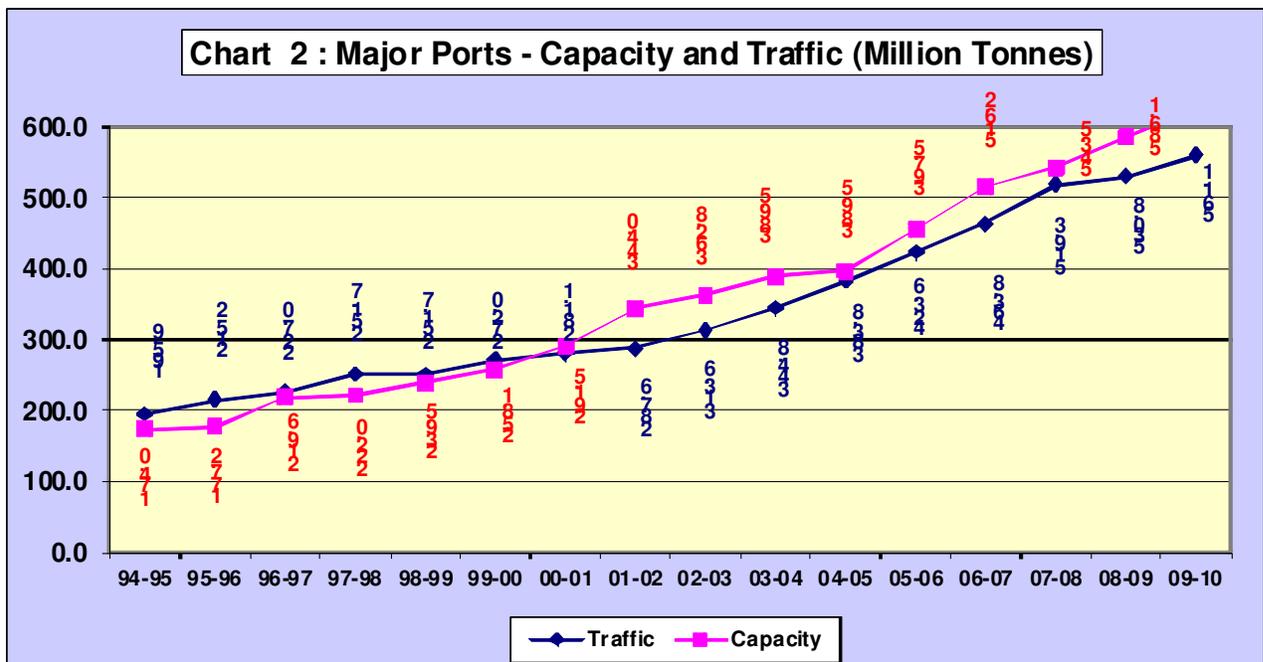
# C . PERFORMANCE OF MAJOR PORTS

## 6. CARGO TRAFFIC HANDLED

6.1 The twelve major ports in India handled about 66% of the maritime cargo traffic of the country in 2009-10. Traffic handled at the major ports has been increasing over the years in tandem with the robust economic activity and volume of trade turnover. The total traffic handled by the major ports has recorded nearly three fold increase from 195.9 million tonnes in 1993-94 to 561.09 million tonnes in 2009-10 (Chart 2).

6.2 Cargo handling capacity at major ports has also risen with traffic. The capacity which was placed at 174.09 million tonnes at the end of 1994-95 has increased to a level of 628 million tonnes at the end of 2009-10.

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. In subsequent years, capacity utilization has been 96.5%, 83.6%, 86.4%, 88.5%, 96.5%, 92.9%, 89.8%, 95.55%, 90.6% and 89.3% in 2000-01, 2001-02, 2002-03, 2003-04, 2004-05, 2005-06, 2006-07, 2007-08, 2008-09 and 2009-10 respectively at major ports.



6.4 The overseas and coastal cargo handled during 2009-10 by major ports was of the order of 454.02 million tonnes and 107.07 million tonnes respectively. The growth in overseas cargo traffic was 6.2% in 2009-10 compared with an increase of 12.4% in 2008-09. Coastal cargo traffic growth was 3.6% in 2009-10 compared to 2.9% in 2008-09.

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

7.1 The Cargo traffic in terms of coastal and overseas categories at Major Ports in 2009-10 is given in Table 6. Amongst the major ports, Kandla Port accounted for the highest share of 14.2% in the total cargo traffic at all major ports during 2009-10 followed by Vishakhapatnam, Chennai, J. L. Nehru, Paradip and Mumbai Port. The cargo traffic at Mormugao Port was overwhelmingly outward oriented with overseas cargo accounting for a share of 96.8 % in the total cargo handled at the port.

<b>Table 6 : Major Port wise share of cargo handled (Million Tonnes)</b>						
<b>(Percentage share)</b>						
PORT	2008-09			2009-10		
	Overseas	Coastal	Total	Overseas	Coastal	Total
<b>Kolkata Dock system</b>	11.58 (2.71)	0.85 (0.82)	12.43 (2.34)	12.03 (2.65)	1.01 (0.94)	13.04 (2.32)
<b>Haldia Dock complex</b>	35.61 (8.33)	6.19 (5.99)	41.79 (7.87)	27.30 (6.01)	6.08 (5.68)	33.38 (5.95)
<b>Paradip</b>	33.66 (7.88)	12.75 (12.34)	46.41 (8.74)	44.71 (9.85)	12.30 (11.49)	47.05 (8.39)
<b>Visakhapatnam</b>	43.36 (10.14)	20.55 (19.89)	63.91 (12.04)	45.04 (9.92)	20.46 (19.11)	65.50 (11.67)
<b>Chennai</b>	52.01 (12.17)	5.48 (5.30)	57.49 (10.83)	56.09 (12.35)	4.96 (4.63)	61.05 (10.88)
<b>Ennore</b>	2.96 (0.69)	8.54 (8.26)	11.50 (2.17)	2.25 (0.50)	8.45 (7.89)	10.70 (1.91)
<b>Tuticorin</b>	16.31 (3.82)	5.70 (5.51)	22.01 (4.15)	17.28 (3.81)	6.50 (6.07)	23.78 (4.24)
<b>Cochin</b>	11.09 (2.59)	4.40 (4.26)	15.49 (2.92)	11.88 (2.62)	5.55 (5.18)	17.43 (3.11)
<b>New Mangalore</b>	30.63 (7.17)	6.06 (5.86)	36.69 (6.91)	28.48 (6.27)	7.04 (6.58)	35.52 (6.33)
<b>Mormugao</b>	40.65 (9.51)	1.03 (1.00)	41.68 (7.85)	47.30 (10.42)	1.55 (1.45)	48.85 (8.71)
<b>J. L. Nehru</b>	52.12 (12.19)	5.18 (5.01)	57.30 (10.79)	55.15 (12.15)	5.61 (5.24)	60.76 (10.83)
<b>Mumbai</b>	32.80 (7.67)	19.08 (18.46)	51.88 (9.77)	37.16 (8.18)	17.38 (16.23)	54.54 (9.72)
<b>Kandla</b>	64.68 (15.13)	7.55 (7.30)	72.22 (13.61)	69.33 (15.27)	10.17 (9.50)	79.50 (14.17)
<b>Total</b>	427.46 (100.00)	103.34 (100.00)	530.80 (100.00)	454.02 (100)	107.07 (100)	561.09 (100)
The figures in parenthesis indicate percent share in total traffic in respective traffic categories at major ports						

7.2 Port-wise analysis of the traffic growth indicates that Paradip Port recorded the highest year on year growth of 22.8% during 2009-10 followed by Mormugao (17.2%), Cochin (12.5%), Kandla (10.1%), Tuticorin (8.1%), Chennai(7.0%), Ennore 6.2%), J.L.Nehru (6.1%), Mumbai(5.1%), Kolkata Dock System (4.9%) and Visakhapatnam(2.5%) . Other major ports recorded negative growth during 2008-09.

## 8. COMMODITY-WISE TRAFFIC

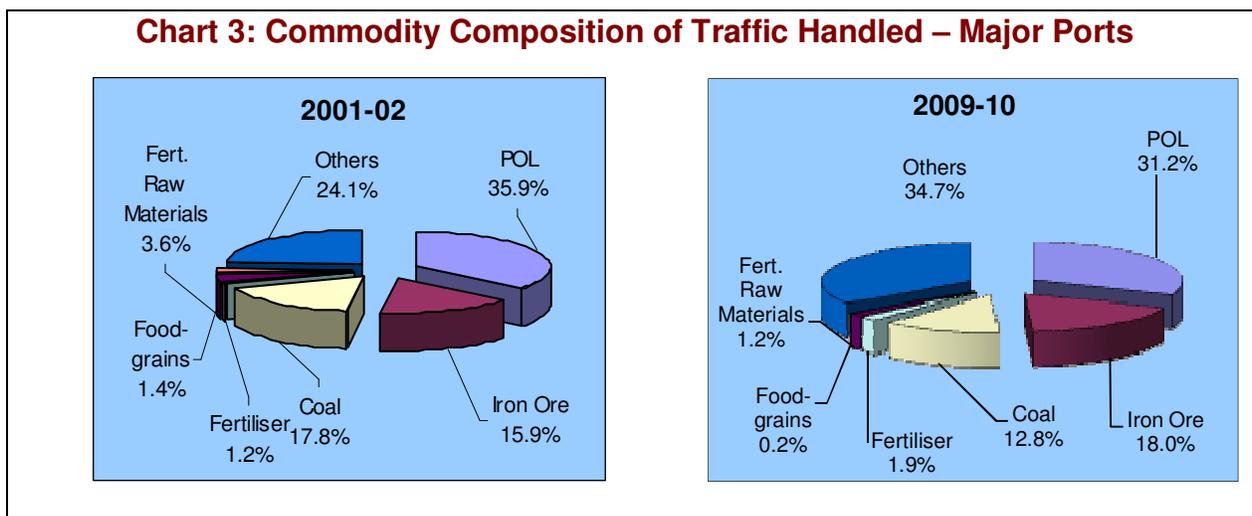
8.1 Commodity-wise break-up of traffic handled at the major ports in India during 2003-04 through 2009-10 is given in Table 7.

Year	POL (Crude & Products)	Fertiliser	Fertiliser Raw Material	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)	54.90 (3.50)	6.84 (-19.90)	90.25 (14.71)	344.80 (9.97)
2004-05	126.44 (3.50)	3.85 (34.71)	10.67 (19.34)	76.20 (29.48)	60.65 (10.48)	3.84 (-43.88)	102.11 (13.14)	383.76 (11.30)
2005-06	142.09 (12.38)	6.62 (72.23)	10.68 (0.06)	79.22 (3.96)	68.83 (13.49)	2.13 (-44.42)	114.00 (11.64)	423.57 (10.37)
2006-07	145.88 (2.66)	7.93 (19.70)	11.14 (4.34)	80.58 (1.73)	64.63 (-6.09)	4.93 (131.13)	148.69 (30.43)	463.78 (9.49)
2007-08	167.44 (14.78)	11.87 (49.75)	6.41 (-42.50)	92.30 (14.54)	68.67 (6.24)	2.99 (-39.35)	169.65 (14.10)	519.31 (11.97)
2008-09	174.20 (4.04)	12.17 (2.50)	6.11 (-4.67)	92.67 (0.40)	76.93 (12.03)	2.40 (-19.70)	166.33 (-1.96)	530.80 (2.21)
2009-10	174.86 (0.38)	10.94 (-10.11)	6.79 (11.2)	100.89 (8.87)	71.79 (-6.68)	1.20 (-50.19)	194.62 (17.01)	561.09 (5.71)

Note: Figures in parenthesis indicate growth rate over the previous year.

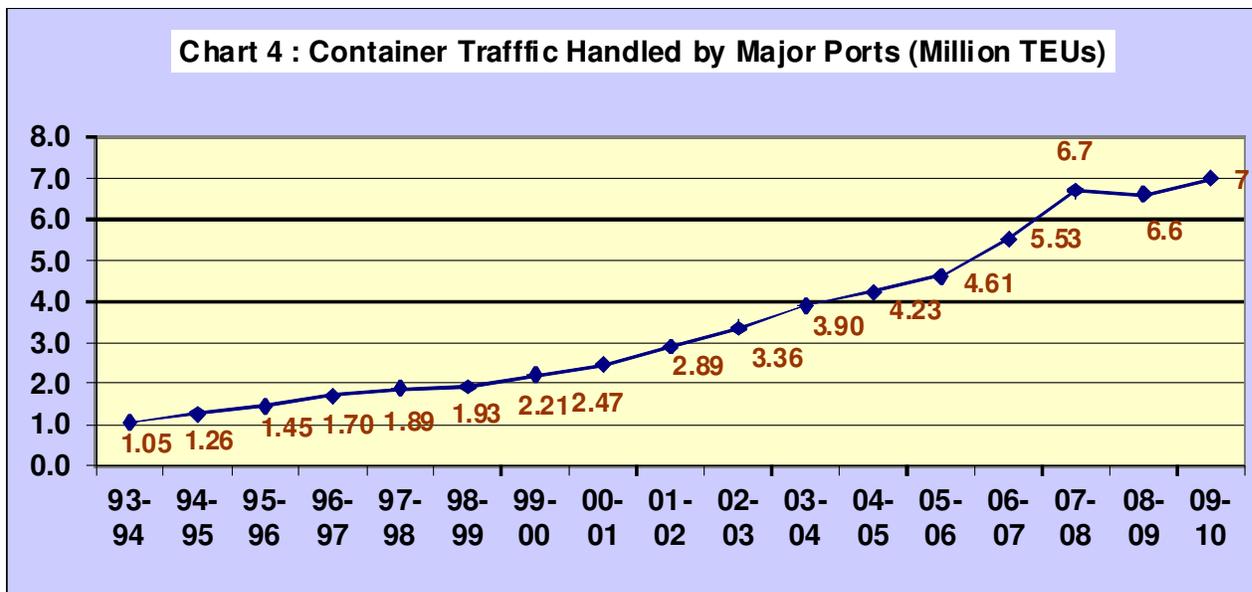
8.2 Highest year-on-year growth in traffic during 2009-10, among the principal commodities, is seen in the case of other Cargo (17%) followed by Fertilizer Raw Material (11.2%), Iron ore (8.9%) and POL(0.4%). Traffic growth in foodgrains declined by 50.1% in 2009-10. Traffic in Fertiliser and Coal decreased by 10.1% and 6.7% respectively.

8.3 In respect of the traffic at Major ports, it is also observed that more than 95% of the traffic handled during 2009-10 was accounted by four commodities viz. other cargo including containers (34.7%), POL & Products (31.2%), Iron Ore (18.0%) and Coal (12.8%) .



## 9. CONTAINER TRAFFIC

9.1 Containerisation 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 7.0 million TEUs (101.29 million tonnes) in 2009-10. Over the same period non-containerised cargo grew from 166 million tonnes to 449.80 million tonnes i.e. more than two fold increase.



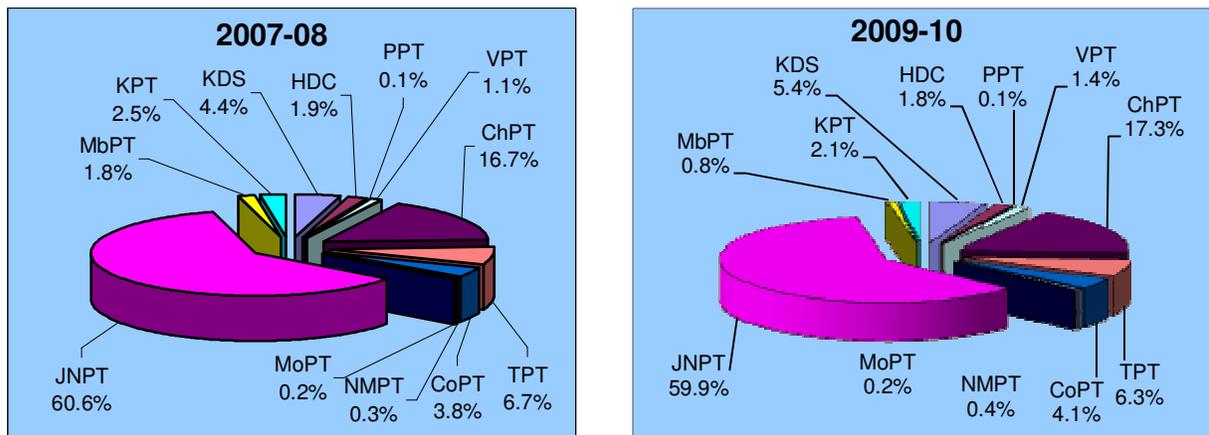
9.2 The growth in container traffic at the container handling ports of the country is given in Table 8.

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

Name of the Port	2008-09		2009-10	
	000' Tonnes	TEUs	000' Tonnes	TEUs
Kolkata Dock System	5476	302	6645	378
Haldia Dock Complex	2373	127	2068	124
Paradip	34	2	52	4
Visakhapatnam	1361	88	1678	97
Chennai	20581	1134	23477	1208
Tuticorin	5482	439	6599	440
Cochin	3522	261	3929	289
New Mangalore	404	29	475	31
Mormugao	178	14	229	17
J. L. Nehru	50602	3953	53096	4176
Mumbai	1291	92	607	58
Kandla	2136	137	2432	147
ALL PORTS	93440	6578	101287	6969

9.3 The share of JNPT during 2009-10 in total container traffic at 59.9%in(TEUs) and 52.4% (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 (17.3%), Tuticorin (6.3%), Kolkata D.S.(5.4%), Cochin (4.1%), Kandla (2.1%) and Haldia D.C. (1.8%). 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 2009-10 due to diversion of container traffic to JNPT. Concomitantly, the share of JNPT has surged ahead from 19.4% to 59.9 % during the same period (Chart 5).

**Chart 5: 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

### Capacity Utilisation

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 628.03 million tonnes at the end of 2009-10. The port-wise capacity and traffic for 2008-09 is brought out in Table 9.

<b>Table 9 : Major Port-wise Capacity Utilization During 2009-10 (Million Tonnes)</b>			
<b>Name of the Port</b>	<b>Capacity</b>	<b>Traffic</b>	<b>Capacity Utilisation(%)</b>
Kolkata Dock System	20.40	13.05	63.97
Haldia Dock Complex	46.70	33.38	71.48
Paradip	60.67	57.01	93.97
Visakhapatnam	62.27	65.50	105.19
Ennore	16.00	10.70	66.88
Chennai	80.61	61.06	75.75
Tuticorin	17.47	23.79	136.18
Cochin	28.37	17.43	61.44
New Mangalore	44.20	35.53	80.38
Mormugao	37.05	48.85	131.85
J. L. Nehru	64.00	60.76	94.94
Mumbai	49.70	54.54	109.74
Kandla	85.80	79.50	92.66
<b>ALL PORTS</b>	<b>628.03</b>	<b>561.09</b>	<b>89.34</b>

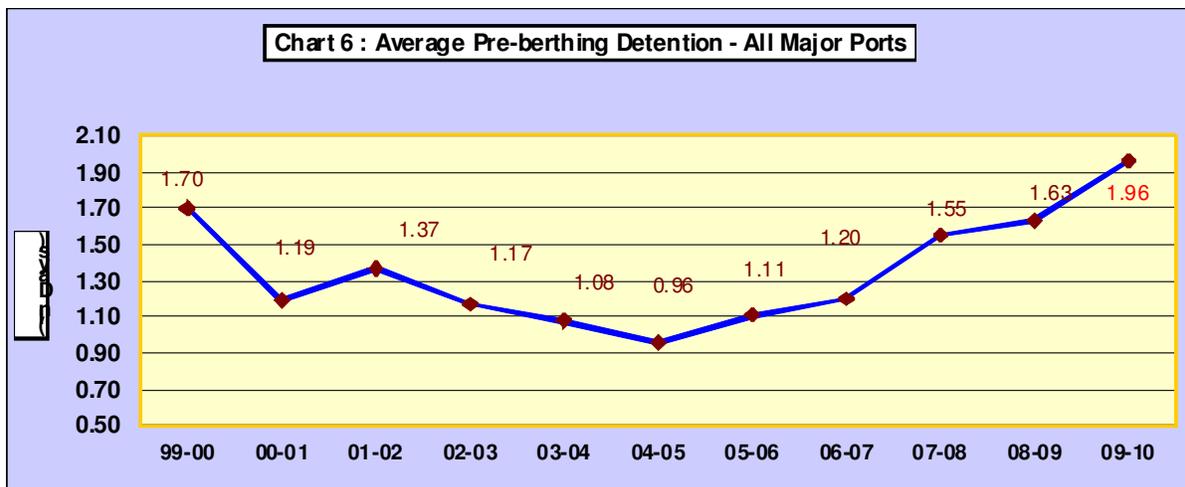
## **EFFICIENCY INDICATORS OF MAJOR PORT OPERATIONS**

### **Average Pre-berthing Detention**

10.2 The position in respect of average pre-berthing detention at all major ports during 1994-95 to 2009-10 is brought out in Chart 7. Average pre-berthing detention (PBD) of vessels which rose in first half of 1990s from 1.6 days in 1991-92 touched a high of 3.6 days in 1995-96. This has been reversed since then with a steady decline to 1.0 day in 2004-05. However, from 2005-06, average Pre-berthing Detention has started to increase. In 2009-10, the average PBD of vessels increased to 2.17 days compared to 1.63 days in 2008-09. During 2009-10, ports at Mumbai, Kandla and Chennai experienced drop in pre-berthing detention of vessels.

Table 10 : Average Pre-berthing Detention at Major Ports during 2008-09 & 2009-10			
Name of the Port	Average Pre-Berthing Detention (in Days)		
	2008-09	2009-2010	% change
Kolkata Dock System	0.66	1.32	100.00
Haldia Dock Complex	3.38	4.50	33.14
Paradip	2.32	6.30	171.55
Visakhapatnam	1.28	1.90	48.44
Ennore	0.27	0.37	37.04
Chennai	1.39	1.35	-0.74
Tuticorin	1.09	1.36	24.77
Cochin	0.70	0.85	21.43
New Mangalore	0.65	0.81	24.62
Mormugao	1.77	3.46	95.48
J. L. Nehru	0.95	0.98	3.16
Mumbai	1.41	1.06	-24.82
Kandla	2.62	2.60	-0.76
<b>All Ports (Average)</b>	<b>1.63</b>	<b>2.17</b>	<b>33.13</b>

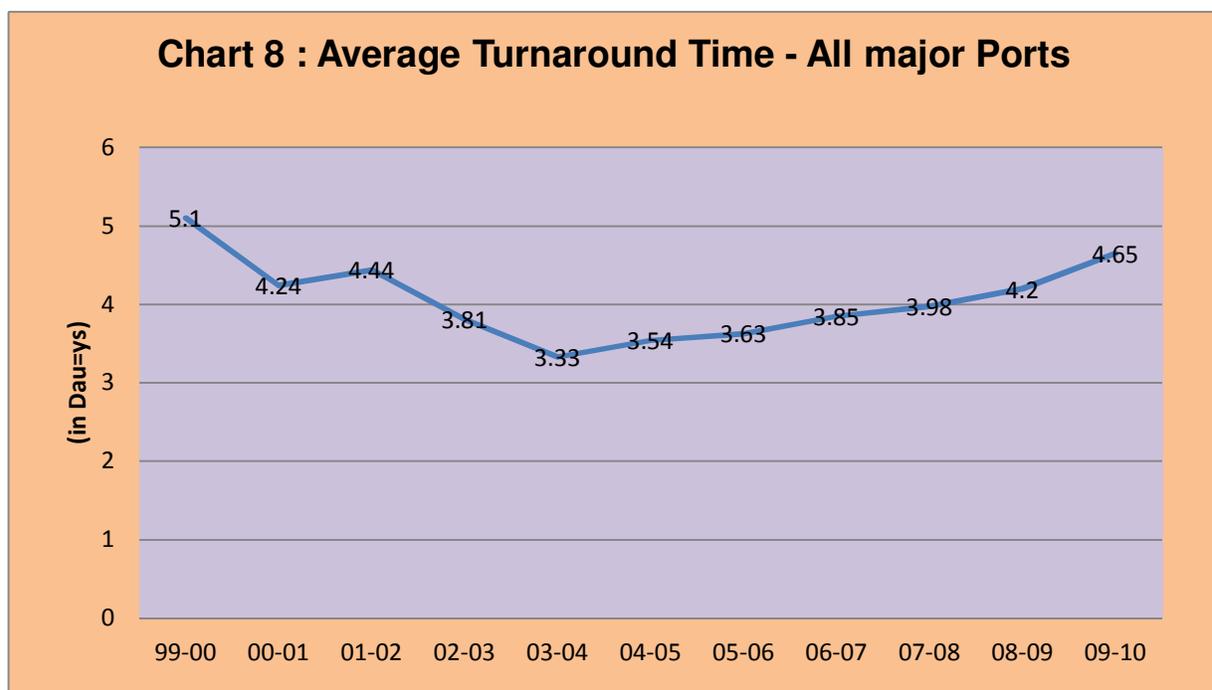
10.3 Average PBD depends on variety of factors attributable to port account and non-port account. The increase in PBD in 2009-10 to 2.17 days as compared to 1.63 days in 2008-09 was due to a combination of port and non port factors. The PBD on non- port account increased from 1.24 day in 2008-09 to 1.68 days in 2009-10 where as on port account it increased by 0.1 day.



10.4 Data on PBD for the different type of vessels indicate that in 2009-10, the average PBD was the least (0.6 day) in the case of container vessels followed by liquid bulk vessels (1.61 days), Break bulk (2.5 day), dry bulk (mechanical) (3.43 days) and dry bulk (conventional) (4.0 days).

### Average Turn-Round Time

10.5 There has been general reduction over the last decade in the average turn round time (TRT) of the vessels at all the major ports in the country. The average turn round time which was 6.7 days in 1991-92 at all major ports has declined over the years to reach a level of 4.4 days in 2001-02, 3.8 days in 2002-03, 3.4 days in 2003-04. Thereafter it has gradually increased from 3.5 days in 2004-05 to 3.6 days in 2005-06, 3.7 days in 2006-07, 4.0 days in 2007-08, 4.2 in 2008-09 and 4.63 days in 2009-10(Chart 8). The increase in TRT in 2009-10 is mainly on account of increase in pre-berthing detention on non-port account.



10.6 The average TRT in respect of Ennore, Chennai, Cochin, Mumbai and Kandla had shown improvement in 2008-09 whereas in all other cases it has edged up as seen in Table 11.

<b>Table 11 : Average Turn Round Time of Ships at Major Ports during 2008-09 &amp; 2009-10</b>			
<b>Name of the Port</b>	<b>Average Turn Round Time (in Days)</b>		
	<b>2008-09</b>	<b>2009-10</b>	<b>% change</b>
Kolkata Dock System	5.10	6.83	33.92
Haldia Dock Complex	4.21	5.01	19.00
Paradip	4.78	9.04	89.12
Visakhapatnam	3.93	4.78	21.63
Ennore	2.35	2.11	-10.21
Chennai	4.15	4.04	-2.65
Tuticorin	3.64	3.90	7.14
Cochin	2.14	2.08	-2.80
New Mangalore	3.00	3.06	2.00
Mormugao	5.95	8.91	49.75
J. L. Nehru	1.90	2.01	5.79
Mumbai	4.95	4.61	6.87
Kandla	7.26	5.03	30.72
<b>ALL PORTS (Average)</b>	<b>4.2</b>	<b>4.63</b>	<b>10.24</b>

10.7 At Port level, ports other than Kandla, Mormugao, Visakhapatnam Paradip, Haldia Dock Complex and Kolkata Dock System recorded average TRT less than the average for all major ports at 4.63 days. The minimum was at JL Nehru (2.0 days) which is mainly in container handling port to a maximum (9.04 days) at Paradip .

10.8 Data on TRT for different types of vessels (Table:12) indicate that in 2009-10, the average TRT was least in case of Container vessels (1.88 days) followed by Liquid bulk (3.21 days), Dry bulk (Mech.) (5.43 days), Break bulk (6.70 days) and Dry bulk (Conv.) (8.39 days). During 2009-10 average Parcel Size has increased for Dry Bulk (Conv) and Container vessels whereas the average TRT has increased for all types of vessels except Container and Liquid Bulk.

10.9 The TRT is influenced by a number of factors like type of cargo, parcel size, PBD, entrance channel, etc. Available data on type of vessels and average parcel size vis-à-vis Average TRT is indicated in Table 12.

Type of Vessel	2008-09		2009-2010	
	Average Parcel Size (Tonnes)	Average TRT (Days)	Average Parcel Size (Tonnes)	Average TRT (Days)
Dry Bulk (Mech.)	55372	4.22	48544	5.43
Dry Bulk (Conv.)	29404	6.96	31010	8.39
Liquid Bulk	26694	3.24	25645	3.21
Break Bulk	6648	6.48	6032	6.70
Container	16379	1.92	16717	1.88
<b>All Types</b>	<b>23640</b>	<b>4.20</b>	<b>23906</b>	<b>4.63</b>

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

10.10 The average output per ship berthday has more than doubled from 3942 tonnes in 1991-92 to 9215 tonnes in 2009-10. The average output per ship berthday for 2008-09 and 2009-10 in respect of major ports is given in Table 13.

Name of the Port	Average Output Per Ship berthday (in Tonnes)		
	2008-09	2009-2010	% change
Kolkata Dock System	3027	1917	-36.67
Haldia Dock Complex	7732	6243	-19.26
Paradip	12635	13853	9.64
Visakhapatnam	11171	10484	-6.15
Ennore	28424	21665	-23.78
Chennai	10778	11428	6.03
Tuticorin	5817	6934	19.20
Cochin	10599	11089	4.62
New Mangalore	13645	13896	1.84
Mormugao	6290	5002	-20.48
J. L. Nehru	20344	21563	5.99
Mumbai	5717	6122	7.08
Kandla	13107	13549	3.37
<b>ALL PORTS (Average)</b>	<b>9669</b>	<b>9215</b>	<b>-4.70</b>

10.11 As compared to 2008-09, the decrease in the average output per ship berthday (all major ports) in 2009-10 was of the order of 4.7%. Ports at Paradip, Chennai, Tuticorin, Cochin, New Mangalore, Mumbai, J,L, Nehru and Kandla showed improvement in output per ship berthday in 2009-10. An important determinant of output per ship-berth-day is the composition of traffic at the Port. The highest average output per ship berthday during 2009-10 was in the case of Ennore Port, whose traffic was mainly confined to a single Dry Bulk item (Coal) handled mechanically followed by Jawahar Lal Nehru Port which mainly handles Container traffic. New Mangalore, Paradip, Chennai and Visakhapatnam are the major Ports with major quantities of Dry Bulk Cargo handled by mechanical means and therefore had a higher Output Per Ship Berthday .

10.12 Average output per ship berthday by type of vessels in 2009-10 at major ports reflects decrease over the previous year for all types and improvement in liquid Bulk, Break Bulk and Container as revealed in Table 14.

<b>Table 14 : Average Out Put Per Ship Berthday by Vessel Type</b>			
<b>Type of Vessel</b>	<b>Average Out Put Per Ship Berthday (Tonnes)</b>		
	<b>2008-09</b>	<b>2009-10</b>	<b>%change</b>
Dry Bulk (Mech.)	18104	17044	-5.86
Dry Bulk (Conv.)	6518	5985	-8.18
Liquid Bulk	17430	16445	05.65
Break Bulk	1647	1724	4.68
Container	15223	16272	6.89
<b>All Types</b>	<b>9669</b>	<b>9215</b>	<b>-4.70</b>

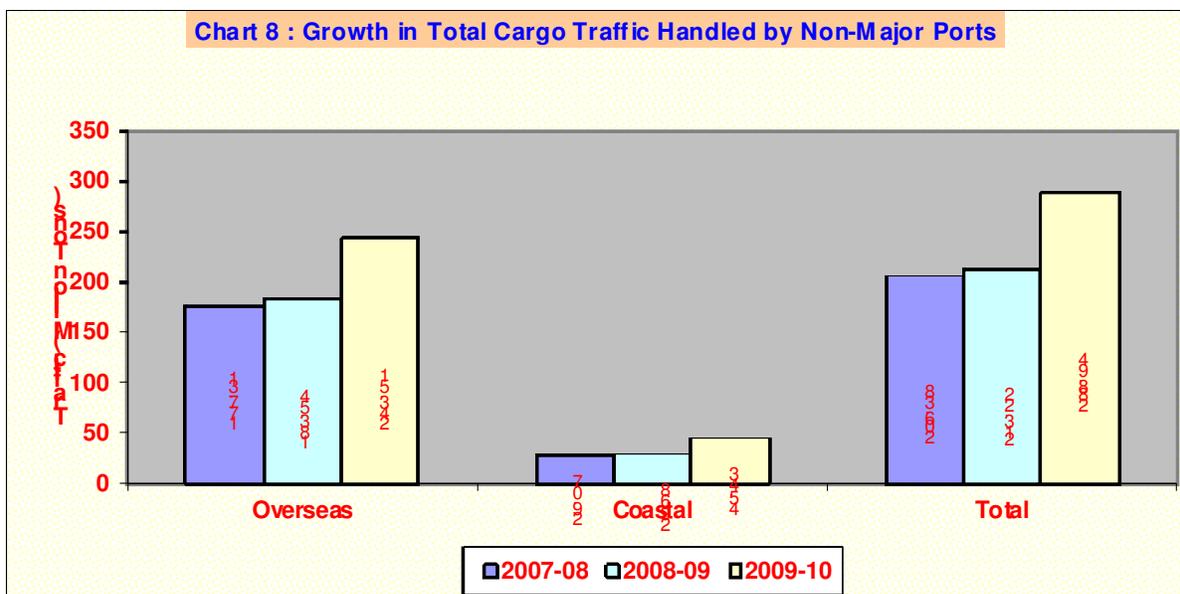
# **D.PERFORMANCE OF NON-MAJOR PORTS**

## **11. CARGO TRAFFIC HANDLED**

11.1 There are 187 non-major ports situated along the peninsular coast-line and sea-islands. These ports are located in Gujarat (40), Maharashtra (53), Goa (5), Daman & Diu (2), Karnataka (10), Kerala (13), Lakshdweep (10), Tamilnadu (15), Pondicherry (1), Andhra Pradesh (12), Orissa (2), West Bengal (1) and Andaman & Nicobar Islands (23). Out of these ports, only a few ports are well developed and provide all-weather berthing facilities for cargo handling. In 2009-10, only 61 Ports were reported to have handled cargo traffic.

11.2 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 overemphasized. Recognizing the importance of non-major ports, many 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.

11.3 Non-major ports in India collectively handled 288.94 million tonnes of traffic during the year 2009-10 as compared to 213.22 million tonnes of cargo handled in 2008-09 (Chart-9). The year-on-year growth in traffic in 2009-10 was 35.51% compared with 3.3% in 2008-09. At a disaggregated level, the overseas cargo traffic increased by 32.7 % in 2009-10 in comparison to an increase of 3.5% recorded in 2008-09. Coastal cargo traffic increased by 53.1% in 2009-10 compared to an increase of 2.1 % in 2008-09.



## Commodity Composition of Non-Major Port Traffic

11.4 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
2002-03	55.86 (51.58)	13.00 (12.00)	11.18 (10.32)	11.09 (10.24)	2.95 (2.73)	14.22 13.13)	108.30 (100)
2003-04	60.10 (50.56)	17.34 (14.54)	13.40 (11.27)	9.85 (8.29)	3.29 (2.77)	14.88 (12.52)	118.86 (100)
2004-05	67.77 (49.48)	21.40 (15.63)	14.13 (10.32)	13.52 (9.87)	3.91 (2.85)	16.23 (11.85)	136.96 (100)
2005-06	69.72 (46.44)	28.84 (19.21)	13.39 (8.92)	13.57 (9.04)	5.61 (3.74)	18.99 (12.65)	150.12 (100)
2006-07	81.20 (43.91)	33.97 (18.37)	14.39 (7.78)	14.02 (7.58)	6.82 (3.69)	34.52 (18.67)	184.92 (100)
2007-08	91.04 (44.11)	34.22 (16.58)	16.26 (7.88)	15.45 (7.49)	7.11 (3.44)	42.30 (20.50)	206.38 (100)
2008-09	97.82 (45.88)	35.86 (16.82)	13.26 (6.22)	21.46 (10.06)	8.85 (4.15)	35.97 (16.87)	213.22 (100)
2009-10	137.72 (47.66)	48.81 (16.89)	13.14 (4.55)	41.28 (14.29)	9.50 (3.29)	38.49 (13.32)	288.94 (100)

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

11.5 POL & its products ( 47.66% ) was the single largest commodity group handled at non major ports in 2009-10 and its share has ranged between 44% to 51.6 % during (2002-10). It is observed that during last three years, the relative shares of commodities in the cargo basket have not shown any pronounced shift. During 2009-10 the share of Iron Ore in the total traffic was 16.89% followed by Coal (14.29%) and Building Material (4.55%).

## Maritime States – Non-Major Ports

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

Year	Traffic Handled (Million Tonnes)							
	Gujarat	Maharashtra	AP	Goa	Tamil Nadu	Karnataka	Others	Total
2002-03	81.56 (2.54)	8.63 (73.99)	10.24 (81.24)	5.57 (94.75)	0.60 (11.11)	0.67 (-10.67)	1.03 (-15.57)	108.30 (13.38)
2003-04	87.33 (7.07)	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 (9.75)
2004-05	96.14 (10.09)	12.14 (17.52)	15.07 (50.40)	8.20 (-2.84)	0.85 (23.19)	3.51 (200.00)	1.05 (19.32)	136.96 (15.23)
2005-06	103.53 (7.69)	11.16 (-8.07)	17.67 (17.23)	11.76 (43.41)	0.71 (-16.47)	4.12 (17.38)	1.17 (11.43)	150.12 (9.61)
2006-07	131.27 (26.79)	11.58 (3.76)	18.61 (5.32)	14.31 (21.68)	0.81 (14.08)	6.56 (59.22)	1.78 (52.14)	184.92 (23.18)
2007-08	150.52 (14.66)	11.36 (-1.90)	19.29 (3.65)	12.83 (-10.35)	0.89 (9.87)	8.90 (35.67)	2.59 (45.50)	206.38 (11.60)
2008-09	152.81 (1.52)	10.42 (-8.27)	29.72 (54.07)	11.90 (-7.25)	0.90 (1.12)	4.97 (-44.16)	2.50 (-3.47)	213.22 (3.31)
2009-10	205.58 (34.53)	12.05 (15.64)	43.69 (47.01)	13.90 (16.81)	1.17 (30.0)	8.55 (72.03)	4.00 (60.00)	288.94 (35.51)

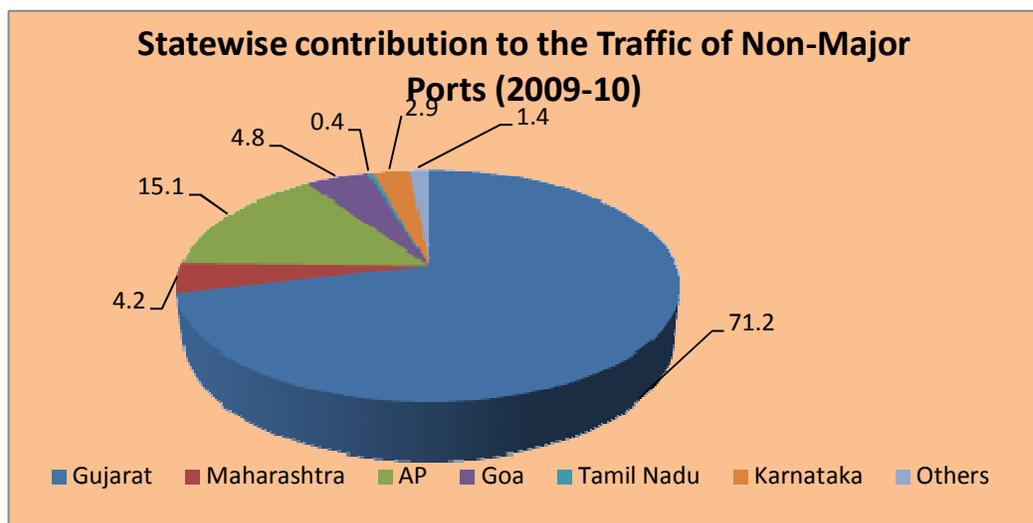
Note: (1) Figures in parentheses indicate the year-on-year percentage growth in each column.  
(2) 'Others' consists of non-major ports in all other maritime States/UTs

11.7 The overall increase of 35.5% in cargo handled at non-major ports during 2009-10 was mainly driven by traffic growth in Andhra Pradesh and Gujarat. However, the non major ports in Maharashtra , Goa and Karnataka have witnessed growth ranging from 15.64% (Maharashtra) to 72.03% (Karnataka). The share of traffic handled by non-major ports in the maritime states is given in Table 17.

Table 17 : Share of Traffic Handled by Non-Major Ports – Maritime State-wise								
Year	Traffic Handled ( In Percentage)							
	Gujarat	Maharashtra	AP	Goa	Tamil Nadu	Karnataka	Others	Total
2002-03	75.3	8.0	9.5	5.1	0.5	0.6	1.0	100.0
2003-04	73.5	8.7	8.4	7.1	0.6	1.0	0.7	100.0
2004-05	70.2	8.9	11.0	6.0	0.6	2.5	0.8	100.0
2005-06	69.0	7.4	11.8	7.8	0.5	2.7	0.8	100.0
2006-07	71.0	6.3	10.1	7.7	0.4	3.5	1.0	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

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

11.8 Gujarat continues to be the leading maritime State, accounting for about 71% of the total non-major port cargo traffic in 2009-10. The other contributing States to the cargo traffic at non-major ports during 2009-10 were: Andhra Pradesh (15.1%), Goa (4.8%) and Maharashtra (4.2%). The remaining 4.7% of the cargo was handled by all the other maritime States/UTs. This is brought out in the Chart 9 below:



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

### 12.1 GUJARAT

12.1.1 Gujarat is a leading maritime State with a natural coastline of about 1200 kms. (16% of India's total coastline). 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 in 17 non-major ports. The remaining 24 non-major ports are used for fishing activities and have traffic only of small volume.

12.1.2 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,

12.1.3 The total cargo traffic handled at the non-major ports of Gujarat during 2009-10 was of the order of 205.58 million tonnes as against 152.81 million tonnes in 2008-09, reflecting an increase of 34.5%. Non-major ports of Gujarat account for more than 71% of the total cargo handled by non-major ports in India. Overseas traffic in 2009-10 was 172.85 million tonnes with the remaining 32.73 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.

Year	Traffic Handled (Million Tonnes)									
	Sikka	Magda lla	Jafara- bad	Bedi	Mul- Dwarka	GAPL	Dahej	Pipavav (Inc. GPPL)	Others	Total
2002-03	45.87	9.63	4.10	2.83	3.85	4.14	3.86	1.81	5.47	81.56
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

12.1.4 Sikka Port handled the highest cargo tonnage of 107.19 million tonnes in 2009-10 up from 65.28 million tonnes handled in 2008-09. This port accounted for 52.1% of the total cargo handled by the non-major ports in Gujarat in 2009-10, and has witnessed increase in the cargo traffic ever since the commissioning of Reliance Jamnagar maritime terminal facility. More than 96% of the traffic handled at the port relates to POL & its products.

12.1.5 Gujarat Adani Port Ltd. (GAPL) handled 39.60 million tonnes or 19.3% of the cargo in 2009-10. Main commodities handled by GAPL port are POL & its products, Coal and Fertiliser & FRM.

12.1.6 Magdalla accounted for 16.29 million tonnes or 7.9% of the cargo traffic of non-major ports in 2009-10. Major commodities handled by the port are Iron ore, POL & its product, and Coal.

12.1.7 Dahej Port handled 12.53 million tonnes of cargo in 2009-10 with a share of 6.1% in total traffic. The other important port which has shown increase in the cargo handled during 2009-10 was Pipavav. Ports at Bedi & Mul-Dwarka had shown decrease in cargo traffic in 2009-10 as compared to cargo traffic handled in 2008-09.

12.1.8 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).

Year	Traffic Handled (Million Tonnes)						Total
	POL & Products	Coal	Building Material	Fertilizer & FRM	Iron Ore	Others	
2002-03	46.85	8.76	9.69	1.89	3.44	10.93	81.56
2003-04	52.54	6.50	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	11.00	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	5.90	28.39	152.81
2009-10	132.82	21.64	9.32	5.02	6.84	29.94	205.58

12.1.9 POL & products accounted for 64.6% of the total cargo handled in 2009-09. This is followed by Coal (10.5%), Building Material (4.5%), and Iron Ore (3.3%).

## 12.2 ANDHRA PRADESH

12.2.1 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 15.1% in the total traffic handled by all non-major ports in the country during 2009-10.

12.2.2 Non-major ports in Andhra Pradesh collectively handled 43.69 million tonnes of cargo during 2009-10 as compared to 29.72 million tonnes in 2008-09 thus registering a growth of 47% in traffic. The overseas traffic during 2009-10 was 40.32 million tonnes (92% of the total cargo traffic in non major ports of Andhra Pradesh) and coastal traffic was of the order of 3.37 million tonnes. The Table 20 gives the port wise details of the cargo handled at non-major ports in Andhra Pradesh during 2008-09 as well for the previous years.

Year	Traffic Handled (Million Tonnes) – Port Wise					Total
	Rawa	Kakinada Anchorage	Kakinada Deep Water Port	Gangavar-am	Krishnapa-tnam	
2002-03	2.69	2.39	5.16	-	-	10.24
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

\* Includes others (0.34 million tones)

12.2.3 Iron ore (34.9%), Coal (34.9%) and POL & its products (8.4%) were the three principal item of cargo handled (Table 21).

Year	POL & Products	Iron ore	Fertilizer & FRM	Coal	Others	Total
2002-03	6.12	-	0.98	-	3.14	10.24
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

As seen from above Table 21, traffic in the Iron ore and Fertiliser & FRM has mainly shown as increasing trend over the consecutive year.

## 12.3 MAHARASHTRA

12.3.1 Maharashtra has a coast line of around 650 Kms with 48 notified non-major ports. Out of these only 7 ports handle cargo traffic during 2009-10.

12.3.2 The total cargo traffic handled at the non-major ports of Maharashtra during 2009-10 was 12.05 million tonnes as compared to 10.42 million tonnes in 2008-09. This represents an increase of 15.6%. Overseas traffic at 5.62 million tonnes has shown increase of 6.6% from 5.27 million tonnes in 2008-09 whereas coastal traffic at 6.43 million tonnes increased by 25% from 5.15 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 6.84 million tonnes accounting for around 57% of total traffic at non major ports handled in the State. The other important non-major ports of Maharashtra are Ulwa-Belapur, Revdanda, and Ratnagiri.

Year	Traffic Handled (Million Tonnes)					Total
	Dharamtar	Revdanda	Ulwa-Belapur	Ratnagiri	Others	
2002-03	5.82	1.05	0.92	0.34	0.50	8.63
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

12.3.3 Commodity-wise break-up of the cargo handled by the non-major ports of Maharashtra indicates that Iron ore traffic of 5.06 million tonnes constituted 42.0% of the total cargo handled in 2009-10 followed by Coal (23.9%), and Building material (18.3%) (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>
2002-03	4.38	1.25	0.09	1.97	0.94	8.63
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	10.42
2009-10	5.06	2.20	-	2.88	1.91	12.05

12.3.4 As seen from the above table, only Iron ore and Coal have shown increase in traffic in 2009-10 as compared to 2008-09.

## **12.4 GOA**

12.4.1 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.

12.4.2 Panaji port handled cargo traffic of 13.89 million tonnes during 2009-10 as compared to 11.90 million tonnes handled in the previous year, reflecting an decrease of 16.77%. 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>
2002-03	5.17	0.36	0.02	0.02	5.57
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

12.4.3 Iron Ore is the principal commodity handled at the port.

## **12.5 KARNATAKA**

12.5.1 Karnataka has a coastline of around 280 Kms. with 10 non-major ports. Out of these 5 ports normally handle cargo traffic.

12.5.2 During 2009-10 non- major ports in the State handled 8.55 million tonnes of cargo traffic as compared to 4.97 million tonnes in 2008-09 reflecting an increase of 72% 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>
2002-03	0.55	0.12	-	-	-	0.67
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

12.5.3 Belekri is the leading port of Karnataka which handled 6.27million tonnes of cargo during 2009-10 . The contribution of the Belekri to the total cargo handled by the non-major ports of Karnataka was about 73% in 2009-10. Karwar is the second leading port of Karnataka which handled 2.20 million tonnes of cargo during 2009-10 and its contribution in the total cargo handled by the non- major ports of Karnataka was about 26% in 2009-10.

12.5.4 Commodity-wise breakup of the cargo traffic handled by the non-major ports is given in Table 26. Iron Ore has emerged as the most important single item with a share of 91.7%in the non-major port traffic of Karnataka followed by Granite (4%).

<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>Edible Oil</b>	<b>Iron Ore</b>	<b>Others</b>	<b>Total</b>
2002-03	0.15	0.17	0.04	0.06	0.01	0.03	0.21	0.67
2003-04	0.15	0.23	0.02	0.05	0.04	0.49	0.19	1.17
2004-05	0.11	0.27	0.02	0.06	0.01	2.72	0.32	3.51
2005-06	0.10	0.25	0.03	0.10	Neg.	3.40	0.24	4.12
2006-07	0.14	0.34	0.10	0.07	Neg.	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	0.03	7.84	0.22	8.55

## **2.6 TAMIL NADU**

12.6.1 Tamil Nadu has a coastline of around 900 Kms. The State has 15 non-major ports, out of which only 5 ports handle cargo traffic.

12.6.2 During 2009-10 the non-major ports in Tamil Nadu collectively handled 1.17 million tonnes of cargo traffic as compared to 0.90 million tonnes in the previous year. The port-wise traffic is brought out in the Table 27.

Year	Traffic Handled (Million Tonnes)					
	Ennore	PY-3	Nagapattinam	Tirukkadai-Yur	Cuddalore	Total
2002-03	0.04	0.20	0.08	0.28	-	0.60
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

Includes others (0.01) million tones

12.6.3 Nagapattinam port handled the maximum traffic of 0.60 million tonnes during 2009-10 accounting for more than 51.3% of the total traffic handled by all the non major ports in the State.

12.6.4 The commodity-wise breakup of traffic handled at non-major ports in Tamil Nadu indicates that POL & products constitute the largest single item of cargo handled (88.9%) followed by Edible oil (4.3%) and Fertilizer & FRM (4.3%) (Table 28).

Year	Traffic Handled (Million Tonnes)				
	POL & Products	Fertiliser & FRM	Edible Oil	Others	Total
2002-03	0.53	0.04	0.03	-	0.60
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
2007-08	0.80	0.02	0.05	0.03	0.90
2007-08	1.04	0.05	0.05	0.03	1.17

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## **SECTION – II**

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

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

(As on 31.3.2010)

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	10	11
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>199</b>	<b>211</b>

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

For details see Table 1.2.

Source : D/O Shipping

**Table 1.2 List of Non-Major Ports**

(As on 31.3.2010)

<b>GUJARAT</b>	15 Trombay	<b>KARNATAKA</b>	9 Punnakkayal
1 Mandvi	16 Ulwa-Belapur /Panvel	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		3 Bahudamuham
12 Koteswar	27 Mandad	<b>LAKSHADWEEP</b>	4 Palur
13 Mundra / GAPL	28 Kumbharu	1 Agatti	5 Baliharichandi
14 Jakhau	29 Shriwardhan	2 Amini	6 Astaranga
15 Jodia	30 Bankot	3 Andrott	7 Jatadhar Muhan
16 Salaya	31 Kelshi	4 Bitra	8 Barunei muhan
17 Pindhara	32 Har nai	5 Chetlat	9 Dhamra
18 Beyt	33 Dabhol	6 Kavaratti	10 Chudamani
19 Rupen	34 Palshet	7 Kadmat	11 Inchuri
20 Mangrol	35 Borya	8 Kiltan	12 Chandipur
21 Kotda	36 Jaigad	9 Kalpeni	13 Subanarekha Mouth (Kirtania )
22 Madhwad	37 Tiwri -Varoda	10 Minicoy	
23 Navabandar	38 Purnagad	<b>ANDAMAN &amp; NICOBAR</b>	<b>DAMAN &amp; DIU</b>
24 Rajpara	39 Jaitapur	<b>ANDAMAN &amp; NICOBAR</b>	1 Port Blair
25 Pipavav / GPPL	40 Vijaydurg	1 Port Blair	2 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 Teresa	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 Nizapatnam	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 Datiware)	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 31.3.2010)

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	4.6	200	-	-	Tidal Creek Port
<b>Vadinar (Kandla)</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*	72° 56' 24" E	10.0(b)	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° 16' E	10.5	12.8	185	1	500	Natural Port
<b>Tuticorin</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' N	86° 40' E	2.0	12.8	160	1	520	Artificial lagoon port
<b>Kolkata Dock System</b>	22° 33' N	88° 18' E	232	2.6\$	45	2	KPD-183 NSD-250	Riverine with impounded docks and river side jetty.
<b>Haldia Dock Complex</b>	22° 02'N	88° 06' E	115	6.7	467	1	549	--do --

(a) At South West Corner of GTI Berth.

(b) Nautical Miles

Source : Major Ports/IPA

\*Erstwhile Bulk Berth South-West  
\$ Draft variable Min-5.3, Max-8.4

\*\* Including both turning circles

**Table 1.4 Berths Available at Major Ports**

(As on 31.3.2010)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2008-09	2009-10
1	2	3	4	5	6
<b>KANDLA</b>					
<b>I) Cargo Jetty</b>					
CJ-I - Multipurpose	9.8	182.87	45,000	88	89
CJ-II - Multipurpose	9.8	182.87	45,000	89	90
CJ-III - Multipurpose	9.8	182.87	45,000	89	91
J-IV - Multipurpose	9.8	182.87	45,000	85	89
CJ-V - Multipurpose	9.1	205.73	35,000	83	
CJ-VI - Multipurpose	9.1	205.73	35,000	89	91
CJ-VII - Multipurpose	12.0	238.64	55,000	84	90
CJ-VIII - Multipurpose	12.0	213.04	55,000	90	93
CJ-IX - Multipurpose	12.0	182.87	55,000	84	91
CJ-X - Multipurpose	12.0	205.72	55,000	86	92
CJ-XI - Multipurpose & Container	12.5	281.00	65,000	29	35
CJ-XII - Multipurpose & Container	12.5	264.00	...	14	30
<b>II) Oil Jetty</b>					
OJ-I - POL Products & other Liquids	10.4	213.4	40,000	53	80
OJ-II - POL Products & other Liquids	10.0	183.0	52,000	80	85
OJ-III - POL Products & other Liquids	10.7	213.4	40,000	80	86
OJ-IV - POL Products & other Liquids	10.7	216.0	56,000	74	85
OJ-V - Phos. Acid & Ammonia	10.7	216.0	45,000	60	74
OJ-VI - POL Products	10.1	216.0	45,000	19	29
<b>III) At Vadinar</b>					
SBM-I - POL Crude	30.0	...	3,00,000	33	21
SBM-II - POL Crude	30.0	...	3,00,000	34	43
SBM-III - POL Crude	30.0	...	3,00,000	43	42
Product Jetty - POL (Products)	30.0	...	3,00,000	76	67
<b>MUMBAI@</b>					
<b>Indira Docks</b>					
1. Container	8.84 to 9.14	168	...	50	50
2. Container	8.84 to 9.14	175	...	29	13
3. Container	8.84 to 9.14	175	...	65	48
4. Container	8.84 to 9.14	175	...	43	47
5. Container	8.84 to 9.14	175	...	33	47
6. Multipurpose	8.84 to 9.14	175	...	46	35
7. Multipurpose	8.84 to 9.14	175	...	77	96
8. Multipurpose	8.84 to 9.14	175	...	62	55
9. G. Cargo/ Tanker	8.84 to 9.14	175	...	56	56
J/E Heavy lifts	8.84 to 9.14	160	...	43	21
10. Multipurpose	8.84 to 9.14	175	...	47	55
11. Multipurpose	8.84 to 9.14	175	...	57	36
12. Multipurpose	8.84 to 9.14	175	...	55	55
12 A. Multipurpose	8.84 to 9.14	175	...	53	53
12 B. Multipurpose	8.84 to 9.14	175	...	49	59
13 A. Multipurpose	8.84 to 9.14	175	...	50	62
13 B. Multipurpose	8.84 to 9.14	175	...	48	60

@The maximum size of vessels that can be accommodated in terms of DWT/Displacement in Princes Dock, Victoria Dock and Indira Dock is determined by maximum permissible length, beam and draft of the vessel.

**Table 1.4 Contd... Berths Available at Major Ports**

(As on 31.3.2010)

Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage	
				Occupancy during	
				2008-09	2009-10
1	2	3	4	5	6
13 G.Cargo and Bulk Cargo	8.84 to 9.14	175	...	69	50
14. Fertilizers & Food Grains	8.84 to 9.14	175	...	55	42
15. Fertilizers & Food Grains	8.84 to 9.14	175	...	48	39
16. Multipurpose	8.84 to 9.14	175	...	62	55
17. Multipurpose	8.84 to 9.14	175	...	71	77
18. Multipurpose	7.0 CD	186	...	49	47
19. Multipurpose	7.0 CD	160	...	57	38
20. Multipurpose	7.0 CD	160	...	29	6
21. Multipurpose	7.0 CD	160	...	55	59
22/23. Multipurpose	7.0 CD	160	...	64	46
<b>Ballard Station</b>					
Pier- Container	10.0 CD	183	...	26	30
<b>Ballard Extn.</b>					
Pier- Paassenger cum Cargo	10.0 CD	221	...	64	70
<b>Victoria Dock *</b>					
1. Multipurpose Berth	6.7	140	...	90	*
2. Multipurpose Berth	6.7	140	...	92	*
3. Multipurpose Berth	6.7	140	...	92	*
4. Multipurpose Berth	6.0	140	...	92	*
5. Multipurpose Berth	6.7	140	...	94	*
6. Multipurpose Berth	6.7	140	...	93	*
7. Multipurpose Berth	6.7	140	...	92	*
8. Multipurpose Berth	6.7	140	...	92	*
9. Multipurpose Berth	6.7	140	...	92	*
10/11. Multipurpose Berth	6.7	140	...	75	*
12. Multipurpose Berth	6.7	140	...	70	*
14. Multipurpose Berth	6.7	140	...	70	*
<b>Prince's Dock *</b>					
A. Multipurpose Berth	6.1 to 6.4	152	...	91	**
B. Multipurpose Berth	6.1 to 6.4	152	...	62	**
C. Multipurpose Berth	6.1 to 6.4	152	...	92	**
D. Multipurpose Berth	6.1 to 6.4	152	...	78	**
F. Multipurpose Berth	6.1 to 6.4	152	...	88	**
G. Multipurpose Berth	6.1 to 6.4	152	...	92	**
N/O. Multipurpose Berth	6.1 to 6.4	152	...	89	**
P/Q. Multipurpose Berth	6.1 to 6.4	152	...	93	**
<b>Jawahar Dweep</b>					
1.JD - POL	11.58	226	70,000	63	66
2 JD - POL	10.97	226	48,000	46	41
3.JD - POL	11.58	226	70,000	56	56
4 JD - POL	14.30	300	1,25,000	64	68
Old Pir Pau Jetty - POL/Chem	7.50	171	35,000	52	49
New Pir Pau Jetty- POL/Chem	12.00	197	47,000	80	81

\*-1&2 Victoria dock berth used as holding berth for port craft in 2009-10. \*\* Victoria dock & Princes dock are being ruilled up to set up standing yard for contaners for OCT project

Table 1.4 Contd...

## Berths Available at Major Ports

(As on 31.3.2010)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2008-09	2009-10
1	2	3	4	5	6
<b>J.L.NEHRU</b>					
CB-01- Container JNPCT	12.5	680	85,000	84	82
CB-02 - Container JNPCT				70	64
CB-03 - Container JNPCT				56	44
CB-04 - Container NSICT	12.5	600	1,00,000	82	81
CB-05 - Container NSICT				82	81
GTI-01-Container GTIPL	12.5	712	85,000	76	76
GTI-02-Container GTIPL				38	19
GTI-03-Container GTIPL				70	77
<b>Liquid Cargo Berth(BPCL)</b>					
Piled Jetty-Seaward-LB-01	12.5	300	100,000	73	85
Inner face-LB-02	10.0	280	45,000	76	86
SB-01 Shallow Draught Berth	5.0	445	30,000	-	-
SB-02 Shallow Draught Berth	7.2			44	22
SB-03 Shallow Draught Berth	9.0			73	83
<b>JNPT Anchorage</b>	-	-	-	55	60
<b>MORMUGAO</b>					
5A General Cargo(a)	12.5	190	(b)	13	...
6A General Cargo(a)	14.0	225	(b)	58	...
7 Barge Berth(b)	3.5				
8. Liquid Bulk	12.7	260	125000	58	66
		298*			
9. Ore	14.0	335	275000	78	88
		358*			
10. General Cargo	11.5	225	55000	85	79
11. General Cargo	12.7	225	65,000	62	86
West of Mooring Dolphins No.1	12.8	225	-	-	-
No.1 & 2 Mooring Dolphins	12.8	225	70,000	-	-
No.2 &3 Mooring Dolphins	13.00	225	70,000	-	-
<b>NEW MANGALORE</b>					
No. 1 General Cargo	7.0	90	4000	11	10
No. 2 General Cargo	10.5	190	30000	54	56
No. 3 General Cargo	10.3	190	30000	60	43
No. 4 General Cargo/Liq. Amonia/Phos. Acid	9.5	190	30000	20	34
No. 5 General Cargo/Bulk Cement/Edible Oil	9.5	190	30000	41	47
No. 6 General Cargo	9.5	190	30000	60	56
No. 7 General Cargo	9.5	190	30000	54	42
No. 8 Iron Ore Berth (Mechanical)	12.5	245	60000	50	45
No.9 POL/LPG	10.5	235	45000	84	85
No. 10 Crude Oil	14.0	245	85000	72	71
No.11 Crude Oil/POL Products	14.0	245	85000	73	73
No.12 Multi User Jetty-POL/Chemicals	12.5	230	50000	27	35
No. 14 Deep Draft multipurpose Berth-General Cargo	14.0	280	90000	90	84

(a) Operated by M/s South West Port Ltd. on BOOT basis.

(b) Non standard berth.

\* Length between extreme mooring dolphins.

**Table 1.4 Contd... Berths Available at Major Ports**

(As on 31.3.2010)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2008-09	2009-10
1	2	3	4	5	6
<b>COCHIN</b>					
Q1 - General Cargo	9.1	} 180	16000	100	96
Q2 - General Cargo	9.1		16000	100	58
Q3 - General Cargo	9.1		16000	69	100
Q4 - General Cargo	Decommissioned			...	
Q5 - General Cargo/Finished Fertiliser	10.3	} 250		87	74
Q6 - General Cargo/Container	10.3		20000	78	79
Q7 - General Cargo/Container	10.5	} 250		46	56
Q8 - Container	12.5		35000	58	64
Q9 - Container	12.5	} 250	35000	37	34
Q10 - Fert. Raw Materials	10.7		207	60000	100	83
BTP - Passenger & Cargo	10.2	} 200	35000	100	100
NCB - General Cargo/Liquid Amonia	9.1		170	15000	14	63
SCB - General Cargo/Liquid Amonia	9.1	} 170	15000	81	49
COT - POL Crude	12.5		250	115000	45	57
NTB - POL Products	9.1	213	30000	40	49
STB - POL Products	9.1	170	20000	6	16
SPM - Crude Oil	22.5	370	300000	56	39
<b>TUTICORIN</b>					
<b>Alongside Berths</b>					
Berth No.1 - General Cargo	9.3	176	52481	73	71
Berth No.2 - General Cargo	9.3	191	56058	77	77
Berth No.3 - Bulk Cargo	10.7	230	71488	73	80
Berth No.4 - General Cargo	10.7	230	71488	75	78
Berth No. 5 - Bulk & Phosporic acid	8.6	201	55473	85	83
Berth No. 6 - General Cargo	9.3	201	56070	81	77
Berth No.7\$ - Container	10.9	231	43401	73	77
Berth No. 8-General Cargo	10.9	190	55566	91	92
<b>Shallow Drought Berth</b>					
Berth No.1 - General Cargo	} 5.9	106	5350	58	30
Berth No.2 - General Cargo		77	2800	52	41
<b>Oil Jetty</b>					
Oil Jetty	10.7	183	47084	20	23
<b>Coal Jetties</b>					
Coal Jetty No.1	10.9	190	58791	80	76
Coal Jetty No.2	10.9	224	73879	74	65
<b>CHENNAI</b>					
<b>Dr. Ambedkar Dock</b>					
1. North Quay - Passenger/ G.C.	8.5	198	...	70	73
2. West Quay I - G.C./Other Liquid Cargo	11.0	171	...	59	59
3. West Quay 2 - General Cargo	12.0	171	...	63	59
4. Centre Quay - General Cargo	12.0	171	...	65	57
5. West Quay 3 - General Cargo	12.0	171	...	82	82

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

**Table 1.4 Contd.... Berths Available at Major Ports**

(As on 31.3.2010)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2008-09	2009-10
1	2	3	4	5	6
6. West Quay 4 - Fert./General Cargo	11.0	171	...	79	76
7. South Quay 1 - Fert./General Cargo	9.5	246	...	83	80
8. South Quay 2 - Fert./General Cargo	9.5	179	...	69	75
9. South Quay 3 - Other Ores/G. C.	9.1	218	...	(b)	(b)
10. East Quay - Other Ores/G.C.	9.0 & 12.0	372	...	(b)	(b)
<b>Jawahar Docks</b>					
11. J.D.1 - Foodgrains/G.C.	10.4	218	...	84	86
12. J.D.2 - Coal/Other Liquid Bulk	11.0	218	...	75	76
13. J.D.3 - Foodgrains/G.C.	10.4	218	...	73	88
14. J.D.4 - Other Ores/Coal	11.0	218	...	71	64
15. J.D.5 - Foodgrains/G.C.	10.4	218	...	55	80
16. J.D.6 - Other Ores/Coal	11.0	218	...	52	71
<b>Bharathi Docks</b>					
17. B.D.1 - Oil	16.0	356	...	73	77
18. B.D.2 - Ore	17.4	382	...	65	66
19. B.D.3 - Oil	17.4	308	...	68	73
<b>Container Terminal</b>					
20. CT-1 - Containers	13.4	200	...	48	39
21. CT-2 - Containers	13.4	200	...	56	47
22. CT-3 - Containers	13.4	200	...	64	59
23. CT-4 - Containers	13.4	285	...	60	53
24	12	287	....		23
<b>ENNORE</b>					
Coal Berth - 1	13.5	280(a)	77000	76	88
Coal Berth - 2	13.5	280(a)	77000	18	21
Marine Liquid Terminal-1	13.5	360	150000	...	15
<b>VISAKHAPATNAM</b>					
<b>Inner Harbour</b>					
<b>Multipurpose Berths</b>					
East Quay - 1	10.1	168	...	79	88
East Quay - 2	10.1	168	...	72	88
East Quay - 3	10.1	168	...	75	88
East Quay - 4	10.1	231	...	84	90
East Quay - 5	10.2	168	...	83	94
East Quay - 6	10.2	183	...	78	88
East Quay - 7	11.0*	255	...	82	90
East Quay - 8	11.0*	255	...	52	71
East Quay - 9	11.0*	255	...	61	79
West Quay - 1	11.0*	212	...	67	86
West Quay - 2	11.0*	227	...	72	85
West Quay - 3	11.0*	201	...	76	86
West Quay - 4	11.0*	243	...	80	85
West Quay - 5	11.0*	242	...	72	82
RE West Quay - 1	8.0	170	...	5	36
<b>Captive Berths</b>					
Oil Refinery Berth - 1	10.1	183	...	67	76

Note: For Vishakhapatnam Port The inner harbour can accommodate vessels upto 50000 DWT and the outer harbour can accommodate upto 150000 DWT vessels.

(a) Maximum size of ships that can be

(b) East Quay and South Quay 3 are decommissioned and handed over for the development of Second Container Terminal.

\* On raising tide of 0.85 mtrs.

**Table 1.4 Contd.... Berths Available at Major Ports**

(As on 31.3.2010)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2008-09	2009-10
1	2	3	4	5	6
Oil Refinery Berth - 2	9.8	183	...	62	72
Fertiliser Berth	10.1	173	...	40	52
<b>Outer Harbour</b>					
1. GCB - General cum Bulk Cargo	14.5*	356	...	77	86
2. Container Terminal	14.5	451	...	42	85
<b>Captive Berths</b>					
OB -1&OB-2 Iron Ore	16.5 **	270	...	84	49
OSTT - Crude Oil	17.0*	408	...	51	65
LPG - POL	14.0	371	...	54	45
<b>PARADIP</b>					
Iron Ore Berth	13.5	260	70,000	83	91
East Quay - I	11.0	260	40000	78	95
East Quay - II	11.0	260	40000	79	94
East Quay - III	12.5	260	60000	88	95
South Quay	12.0	260	50000	82	95
Central Quay - I	12.5	230	65000	92	96
Central Quay - II	12.5	230	65000	90	95
Central Quay - III	12.5	230	65000	91	95
Fertiliser Berth - I	12.5	252	65000	49	54
Fertiliser Berth - II	12.5	252	65000	52	65
Multipurpose Berth	12.5	230	45000	90	95
Coal Berth - I	12.5	260	70000	47	50
Coal Berth - II	12.5	260	70000	48	57
Oil Jetty	13.0	260	65000	35	55
SPM - Crude Oil	21.0	...	320000	19	33
<b>KOLKATA DOCK SYSTEM</b>					
<b>Kidderpore Dock (KPD)</b>					
1 KPD	8.0	133	Around 25000 depending on parcel load#	96	99
3 KPD	8.4	128		58	65
4 KPD	8.7	136		76	96
5/7 KPD	8.6	229	-do-	77	90
6 KPD	9.0	118	-do-	41	66
8 KPD	9.2	128	-do-	96	82
9 KPD	9.0	108	-do-	55	65
10 KPD	8.9	161	-do-	59	92
11 KPD	8.7	151	-do-	47	55
12 KPD	8.9	143	-do-	80	95
22 KPD	8.6	151	-do-	96	80
23 KPD	8.8	147	-do-	71	100
24 KPD	9.1	152	-do-	51	87
25 KPD	8.8	169	-do-	54	84
26 KPD	8.4	185	-do-	44	68
27 KPD	7.7	195	-do-	42	90
28 KPD	8.5	195	-do-	31	62
29 KPD	7.4	185	-do-	46	62

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

\* On 0.5 mtrs. Raising tide

\*\* On 0.3 mtrs. tide

Table 1.4 Contd...

## Berths Available at Major Ports

(As on 31.3.2010)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2008-09	2009-10
1	2	3	4	5	6
<b>Netaji Subhash Dock (NSD)</b>					
1 NSD-General/Heavy Cargo	7.1	200	-do-	57	80
2 NSD-General Cargo	7.8	187	-do-	52	73
3 NSD-General Cargo	9.0	183	-do-	46	68
4 NSD-Container	8.6	181	Around 21000	74	80
5 NSD-Container	8.2	182	-do-	54	65
7 NSD-Container	8.5	192	-do-	57	66
8 NSD-Container	8.0	225	-do-	83	79
12 NSD-Liquid Cargo	8.1	152	Around 25000	49	49
13 NSD-General Cargo	8.2	174	depending on parcel load	56	70
14 NSD-General Cargo	7.4	174		67	70
<b>Buj Buj Jetties</b>					
1 BB-Liquid Cargo	13.7	189	Around 38000*	64	61
2 BB-Liquid Cargo	11.1	116	-do-	31	32
3 BB-Liquid Cargo	11.2	163	-do-	30	37
5 BB-Liquid Cargo	12.3	189	-do-	34	40
7 BB-Liquid Cargo	10.7	137	-do-	31	38
8 BB-Liquid Cargo	9.1	189	-do-	28	29
<b>HALDIA DOCK COMPLEX</b>					
HOJ-I - POL, Amonia & Chemical	12.2	236	90000	79	67
HOJ-II - POL	12.2	277	150000	77	71
HOJ-III- POL Crude	12.5	275	150000	79	49
Berth No.2 - Multipurpose Berth handling Dry Bulk	12.2	260	90000	91	92
Berth No. -3- Multipurpose Berth handling POL, Iron Ore & other bulk	12.5	239	90000	89	77
Berth No.- 4 -Thermal Coal (Mechanised)	12.2	239	90000	43	57
Berth No.- 4 A- Coking Coal (Mechanised)	12.2	230	90000	79	79
Berth No. - 4 B - Dry Bulk & Break Bulk	12.2	180	90000	89	96
Berth No. 5 - Coking Coal & FRM (Dry)	12.2	183	90000	90	68
Berth No. 6 - Dry Bulk, Break Bulk & Liquid Bulk	12.2	212	90000	92	68
Berth No. 7 - Dry Bulk, Break Bulk & Liquid Bulk	12.2	212	90000	84	89
Berth No. 8 - Dry Bulk, Break Bulk & Liquid Bulk	12.2	**	90000	94	92
Berth No. 9 - Dry Bulk, Break Bulk & Container	12.2	**	90000	89	99
Berth No. 10 - Dry Bulk, Break Bulk & Container	12.2	**	90000	88	85
Berth No. 11 - Dry Bulk, Break Bulk & Container	12.2	**	90000	89	80
Berth No. 12 - Dry Bulk & Break Bulk	12.2	**	90000	84	86
Berth No. 13 - Dry Bulk & Break Bulk	12.2	**	90000	88	97

\* POL Crude Tankers of much higher DWT are handed at anchorages

\*\* The above distances for Oil Jetties show the distance between the two outermost mooring dolphins.

Source: Major Ports

Table 1.5

## Storage Facilities Available at Major Ports

(As on 31.3.2010)

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>						
Covered area						
i) Transit Sheds			465	Outside the port under control of	2188877 KLS	All kind of liquid cargoes including hazardous cargoes
ii) Ware-Houses/Godowns	25	115335				
iii) CFS Sheds	2	6480				
iv) Bulk Storage	1	7080				
v) Fertilizer Bagging	1	5510				
vi) Other Godowns in side dock area	1	...				
<b>2. MUMBAI</b>						
(a) Covered area						
i) Transit Sheds	20	107660	2	Jawahar Deep	5316 KLS	Slop/dirty ballast
ii) Ware-Houses	27	172926	7	Jawahar Deep	164572 KLS	HSD/SKO/FO
iii) Container Freight Station	19	49776	4	Victoria Docks	29000 KLS	Molasses/Vegetable Oil
(b) Open Area						
i) Inside Docks	38	208685	3	Mallet Bunder	36000 T	Vegetable Oil
			6	Carnac Bunder	11500 T	Vegetable Oil
ii) Outside Docks	17	307098	69	Hay Bunder	476000 T	Vegetable Oil
(c) Container Yards						
i) Inside Docks	3	622 Slots	2	Pir Pau	20000 T	LPG
			28	Pir Pau	90000 KL	Chemicals
ii) Outside Docks	5	4891 Slots	17	Pir Pau	35000 KL	Chemicals/Lub. Oil
	3	60082				
<b>3. MORMUGAO</b>						
(a) Covered area						
i) Transit Sheds/Overflow sheds.	1	8250	13	Port Area	38395 KL	Molasses, Caustic Soda, F. Oil, etc.
ii) Ware-Houses	6	27082	1	Port Area	5000 T	Ammonia
iii) Ware-Houses- CWC & FCI	4	14480	25	Vasco City	192611 KL	POL Products
(b) Open Area						
i) Container	-	16000	2	Port Area	10000 T	Liquid Products
ii) Others	-	309389				
<b>4. NEW MANGALORE</b>						
i) Transit/Overflow Sheds	5	21634	55	Wharf Area	230645 KL	Chemicals/POL/Molasses
ii) Covered Ware-Houses	11	27120				/Edible Oil
iii) Open Stack Yard	5	58391	5	Wharf Area	33500 T	Phosphoric Acid/Ammonia/Edible Oil.
iv) Container Stack Yard	1	40000	3	Wharf Area	15000 T	Cement Silos(3)

Table 1.5 (Contd.)

## Storage Facilities Available at Major Ports

(As on 31.3.2010)

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>5. J. L. NEHRU</b>						
i) CFS- JNP	1	269000	124	Outside	671490 MT	A,B,C class of chemicals, POL Products, Edible Oil & other liquids.
ii) CFS-Private	21	2121208	Tank Farms			
iii) Open Area-Inside Port		1422614				
<b>6. COCHIN</b>						
(a) Covered area						
i) Transit Sheds	4	14700	79	W/Island	246617 KL	Petroleum Products
ii) Ware-Houses	5	15000	19	W/Island	59091 KL	Vegetable Oil
iii) Over Flow Sheds	6	12000	4		86000 MT	Molasses
iv)Other Sheds	1	1100	1		2400 MT	Cashew
(b) Open Area						
i) Open Space		67625				
ii) Open at the Wharf		49200				
iii) Container Yard		1792 Ground Slots			10000 MT	Ammonia
<b>7. TUTICORIN</b>						
(a) Covered area						
i) Transit Sheds	3	22070	3	VOC Wharf Berth IV	15000 M3	Phosphoric Acid
ii) Ware - Houses	4	20550	3-Jan	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) Open Area						
i) General cargo	2	568700	3	-do-	78000 KL.	Petrol
ii) Container	1	54000TEUs	2	-do-	18030 KL.	Kerosene
			11	-do-	7000 M3	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>						
(a) Covered area						
i) Transit / Overflow Sheds	8	42350	11	Area-I	33402	Molasses
ii) Ware-Houses	5	28342	9	Area-I	18000	Edible Oil /Molasses
iii) Container Freight station	2	12000	6	Area-IV	9966	Edible Oil & Palmolien Oil
(b) Open Area						
		647893	4	Area-IV	117796	Edible Oil

Table 1.5 (Contd.)

## Storage Facilities Available at Major Ports

(As on 31.3.2010)

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>B. Others (Area Allotted)</b>			1	Area-IV	5834	Molasses
(a) Covered area			11	Area-IV	45700	Edible Oil & Palmolien Oil
i) Inside port		46077	3	Area-IV	18180	Phosphoric Acid
ii) Outside port		10895	4	Area-IV	11470	Molasses
(b) Open Area			4	Area-IV	12121	Molasses
i) Inside port		867366				
ii) Outside port		4076				
<b>9. VISAKHAPATNAM</b>						
<b>A. Port Owned</b>						
(a) Covered area						
i) Transit Sheds/Storage sheds	12	51916	66	HPCL	847000 T	Crude & Products
ii) Ware- Houses	1	10482	26	IOC	118000 T	POL Products
(b) Open Area			11	BPC	80000 T	POL
i) Bulk cargo	...	1255638	11	CFL	67500 T	Mol.Sulphur, Phos. Acid, Sulphuric Acid & Liquid Amonia
ii) Iron ore	...	297550				
			3	Nalco	30000 T	Caustic Soda
<b>B. Owned by Users</b>			26	IMC/JRE/AVRS	73000 T	Edible Oil, Chemicals, Sulphuric Acid, Bio-diesel, Molasses &
(a) Covered area						
i) Cargo		11355 Sq.mtrs	3	EIPL	9000 T	LPG
		822774 Tonnes	21	EIPL	1.06 K.L.	POL & Ethonol
ii) Container		100-125 TEUs	1	South Asia LPG Co.	60000 T	LPG
(b) Open Area						
i) Cargo		29.70 Lakh Sq.ft.				
		0.75 Lakh onnes				
		0.93 Lakh Sq. Mtrs.				
ii) Container		4000 TEUs				
<b>10. PARADIP</b>						
(a) Covered area						
i) Transit Sheds/Over flow sheds	4	15460	36	Outside Port	243000 KL	POL Products
ii) Ware - Houses	7	20440	32	Outside Port	289000 KL	FRM (liquid)
iii) Container Freight Station	3	500 TEUs.	15	Outside Port	900000 KL	POL (crude)
(b) Open Area		1795100				

**Table 1.5 (Contd.)****Storage Facilities Available at Major Ports****(As on 31.3.2010)**

Port/Type	Dry Storage Accomodation		Liquid Storage Tanks			Type of Cargo
	No.	Area(Sq.mts)/ Capacity	No.	Location	Capacity	
1	2	3	4	5	6	7
<b>11. KOLKATA DOCK SYSTEM</b>						
<b>A. Port Owned (inside port)</b>						
(a) Covered area						
i) Transit Sheds	26	134722	3	Outside Port	4500 KL	Vegetable Oil
ii) Ware-Houses	3	10794	42	Inside Port	82095 KL	Vegetable Oil
iii) Container Freight Station	1	9000	118	Inside Port	380883 KL	POL
		9000 TEUs Normal	12	Outside Port	81114 KL	POL
		144 TEUs Reefer	14	Inside Port	6070 KL	Chemicals
(b) Open Area						
		125000				
		11000 TEUs Normal				
<b>B. Others (outside port)</b>						
(a) Covered area						
i) Container Freight Station	3	...				
<b>12. HALDIA DOCK COMPLEX</b>						
(a) Covered area						
i) Transit/Overflow Sheds	3	25040(a)				
ii) Container Yard	1	5000				
(b) Open Area						
	11	892840 (b)				
<b>13. ENNORE</b>						
Open Area	2	993334	7	Port	59800 KL	CBFS
			10	Port	23200 KL	Chemical / Petroleum
			7	Port	28600 KL	Petroleum
			14	Port	14300 KL	Chemical

(a) Includes Transit sheds area leased to the Port users inside the dock.

(b) Includes storage area leased to port users inside the dock.

M3 : cubic meters

NHCL : Non Hazardous Cargo Lub

**Table 1.6****Commodity-Wise Capacity Available at Major Ports**

(In Million Tonnes)

Commodities	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	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 31.3.07	3.6+4.0	17.00	6.00	17.15	-	11.25	2.30	11.20	21.20	1.50	32.00	46+0.4	5.50	174.7+4.4
As on 31.3.08	3.96+4.4	17.00	6.00	17.65	-	11.80	2.30	18.70	22.00	1.50	32.00	46+0.4	5.50	184.41+4.4
As on 31.3.09	3.96+4.0	17.00	21.00	17.65	3.00	11.80	2.30	18.70	22.00	1.50	32.00	55.24+0.8	5.50	211.65+4.8
As on 31.3.10	3.96+4.0	17.00	21.00	17.65	3.00	11.80	2.30	18.70	22.00	1.50	32.00	62.83+0.8	5.50	219.24+4.8
<b>Iron Ore</b>														
As on 31.3.07	-	4.00	4.50	12.00	-	8.00	-	-	7.50	21.50	-	-	-	57.50
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
<b>Coal</b>														
As on 31.3.07	-	7.00	20.00	-	13.00	-	6.25	-	-	-	-	-	-	46.25
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
<b>Fertiliser</b>														
As on 31.3.07	-	-	7.50	1.00	-	-	-	0.60	-	-	-	-	-	9.10
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
<b>Break-Bulk Cargo</b>														
As on 31.3.07	5.0+0.5	11.50	18.00	26.65	-	15.55	7.00	4.27	12.60	7.00	9.15+6.0	11.7+0.5	0.70	129.12+7.0
As on 31.3.08	5.7+0.5	12.70	18.00	28.30	-	16.10	7.20	4.76	14.00	7.25	9.2+6.0	13.0+0.5	0.80	137.01+7.0
As on 31.3.09	6.3+0.5	12.70	18.00	29.38	-	16.80	9.26	4.76	14.70	7.25	9.8+6.0	14.80	0.80	144.55+6.5
As on 31.3.10	6.44+0.5	12.70	23.50	29.38	-	17.92	10.17	6.76	14.70	7.25	9.8+6.0	14.97	0.90	154.49+6.5
<b>Container</b>														
As on 31.3.07	4.80	4.00	-	1.70	-	15.20	5.00	4.08	-	-	3.50	3.60	46.20	88.08
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
<b>TOTAL</b>														
As on 31.3.07	13.4+4.5	43.50	56.00	58.50	13.00	50.00	20.55	20.15	41.30	30.00	44.65+6.0	61.3+0.9	52.40	504.75+11.4
As on 31.3.08	14.56+4.5	46.70	56.00	61.15	13.00	53.35	20.75	28.37	43.50	33.05	44.7+6.0	62.6+0.9	54.34	532.07+11.4
As on 31.3.09	15.76+4.5	46.70	71.00	62.23	16.00	55.75	22.81	28.37	44.20	33.05	43.7+6.0	77.24+0.8	57.96	574.77+11.3
As on 31.3.10	15.90+4.5	46.70	76.50	62.27	16.00	71.32	23.72	30.37	44.20	37.05	43.7+6.0	85.00+0.8	64.00	616.73+11.3

# : Capacity of Chennai Port 1st Container Terminal (4 berths) and 2nd Container Terminal (3 berths) has been taken as 24 MT and 9.60 MT respectively.

@ : Capacity of JNP Container Terminal (3berths), NSICT (2berths), GTIPL (3berths) &amp; 1 shallow water berth has been taken as 15.0 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.

**Table 1.7 Number of Berths Available at Major Ports**

Commodities	P O R T S														Total
	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	MbPT	KPT	JNPT		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
<b>POL</b>															
31.3.07	7+A	3+2BJ	1	4	-	2	1	3	4	1	5	7+3SBM+A	2	40+3SBM+2BJ+A	
31.3.08	7+A	3+2BJ	1	4	-	2	1	3+SPM	4	1	5	7+3SBM+A	2	40+4SBM+2BJ+A	
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	
<b>IRON ORE</b>															
31.3.07	-	1	1	1	-	1	-	-	1	1+TRANS	-	-	-	6+TRANS	
31.3.08	-	2	1	1	-	1	-	-	1	1+TRANS	-	-	-	7+TRANS	
31.3.09	-	2	1	1	-	1	-	-	1	1+TRANS	-	-	-	7+TRANS	
31.3.10	-	2	1	1	-	1	-	-	1	1+TRANS	-	-	-	7+TRANS	
<b>COAL</b>															
31.3.07	-	2	2	-	2	-	2	-	-	-	-	-	-	8	
31.3.08	-	2	2	-	2	-	2	-	-	-	-	-	-	8	
31.3.09	-	2	2	-	2	-	2	-	-	-	-	-	-	8	
31.3.10	-	2	2	-	2	-	2	-	-	-	-	-	-	8	
<b>FERTILISER</b>															
31.3.07	-	-	2	1	-	-	-	1	-	-	-	-	-	4	
31.3.08	-	-	2	1	-	-	-	1	-	-	-	-	-	4	
31.3.09	-	-	2	1	-	-	-	1	-	-	-	-	-	4	
31.3.10	-	-	2	1	-	-	-	1	-	-	-	-	-	4	
<b>BREAK BULK</b>															
31.3.07	22+A	7	8	15	-	14	9+ BZone	8	8	4	40+A	10+A	1	146 + Bzone+A	
31.3.08	22+A	8	8	15	-	14	9+ BZone	8	8	4	40+A	10+A	1	147 + Bzone+A	
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	
<b>CONTAINER</b>															
31.3.07	4	2	-	1	-	4	1	3	-	-	4	1	9	29	
31.3.08	4	2	-	1	-	4	1	3	-	-	4	1	9	29	
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	
<b>TOTAL</b>															
31.3.07	33+A	15+2BJ	14	22	2	21	13+Bzone	15	13	6+TRANS	49+A	18+3SBM+A	12	233+3SBM+TRANS+2BJ+Bzone+A	
31.3.08	33+A	17+2BJ	14	22	2	21	13+Bzone	15+SPM	13	6+TRANS	49+A	18+3SBM+A	12	235+4SBM+TRANS+2BJ+Bzone+A	
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*	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	

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 & 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 31.3.2010)**

(In Nos.)

Port	Crane				Fork Lift Truck	Tractor	Trailer	Shovel Dozer & Pay Loader	Locomotive
	Mobile	Wharf	Container						
			Quay	Yard					
1	2	3	4	5	6	7	8	9	10
Kolkata Dock System	14	5	-	4	23\$	34	67	-	4
Haldia Dock Complex	2	-	-	1	7	1	5	12	11
Paradip	4 <sup>^</sup>	2	-	-	1	-	-	2	9
Visakhapatnam	-	23	-	-	-	-	-	-	18
Chennai	3	10	7*	28*	20	*	*	2	14
Tuticorin	-	5	3*	8*	3	-	-	-	1
Cochin	7	14	2*	4*	47	29	32	-	-
New Mangalore\$\$	1	3	-	-	5	-	-	-	-
Mormugao	1	-	-	-	10	-	-	-	2
Mumbai ##	8	34	2	3	39#	5	-	-	5
J. L. Nehru	2	-	8+18*	21+64*	10+9*	20+240*		4**	-
Kandla	-	16	-	-	9	3	1	2	-
All Ports	42	112	40	133	183	437		22	64

\$: 16 FLT's, 2 Medium duty FLT's, 1 Top Lift Truck, 4 Reach Stacker.

\*: Under BOT Operators.

\*\*: 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.

^: 3 cranes are provided by Pvt. Operator.

\$\$ - In addition, 2 mobile harbour cranes of 104 tonnes each provided by private operators.

Source:-Indian Ports Association.

Table 1.9

## Container Handling Facilities Available at Major Ports

(As on 31.3.2010)

Port	No. of Berths	Vessel Size (IN DWT)	Equipment					
			Quay Side Gantry Cranes	Yard Gantry Cranes	Toplift Trucks/ 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 1x40 T	TLT:1x35 T RST:4X45T(*)	2X6.5 T (Medium Duty)	22x40T (Hippo)	19X40T 6x20T
<b>HALDIA DOCK COMPLEX</b>	2	40,000	-	1x30 T	1X35T	7	1x10T	5
<b>VISAKHAPATNAM</b>	1(Under BOT Operator)	1,00,000	RMQC-2Nos. 2x35.6T (SWL)	RTGC - 2 Nos.	2x45T 2x10T	1x5T	-	16
<b>CHENNAI</b>	4(Under BOT Operator)	76,500	7	28	3	3	70 Outsourced	
<b>TUTICORIN</b>	1(Under BOT Operator)	47,000	3x40T (SWL)	8x35T (SWL)	-	-	12x50T (SWL)	12x50T (SWL)
<b>COCHIN</b>	3(Under BOT Operator)	10,000 TO 35,000	2x40T	4X40T (RTG)	2x40T 1x40T 2x42T	20	2-20T 20-30T	35
<b>J.N.P.T.- JNPCT</b>	4	70,000	3x35.5 T 2x 50 T 3x40T(Hired)	RTGC- 12x40T -6x40T(Hired) RMGC- 1x35.5T -2x40T(Hired)	2x45T(a)	10(3 to 5T)	20	78
<b>NSICT</b>	2	85,000	8x50 T	RTGC- 29x40T RMGC- 3x40T	2x40T-TLT 3x40T	-	50 Owned# 100 Hired#	-
<b>GTIPL</b>	2	85,000	8x61 T	RTGC- 29x50/61T RMGC- 3x61T	4x40T		85#	
<b>MUMBAI</b>	4	42,000	2x35.5 T	3x35.5 T (RTG)	2x42T(a) 2x45T(a)	47	27	-
<b>KANDLA</b>	1	50000		Wharf Cranes-16	2	9	3	1

(\*) In addition, 5 no. Reach Stackers of 45 T capacity each have been hired by Port.

Source: Indian Ports Association

**Table 1.10 Berthing Facilities Available at Non-Major Ports**
**(As on 31.3.2010)**

Name of the Port	Intermediate/ Minor	Max.Depth available at anchorage(mts)	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>GUJARAT</b>								
Dahej								
(a)Old Port	Minor	20.00	Strengthening	-	-	-	-	-
(b)Captive Jetty		20.00	RCC Piled Jetty					
i)Petro net LNG		20.00	Dolphine jetty	-	-	-	-	-
ii)PCL		10.50	RCC Piled Jetty	-	-	-	-	-
iii)GCPTCL		20.00	Dolphine jetty	-	-	-	-	-
Porbandar	Minor	12.00	Deep water Berth	-	-	-	1	1
Bedi	Intermediate	16.00	Block wharf	-	2	1	-	3
Sikka	Intermediate	32.00	Cargo jetty	1	-	-	5	6
Mandvi	Minor	10.00	Wharf	-	2	-	-	2
Mundra								
(a)Mundra	Minor	7.30	RCC Jetty	-	4	-	-	4
(b)GAPL	Intermediate	28.00	T type figure berth	-	-	-	4	4
			Barge Berth	-	-	-	1	1
Veraval	Intermediate	13-14	Direct berth for small coaster with 4 mtrs.draft.	-	1	-	-	1
	Fair Weather port							
Magdalla	Minor	15.00	RCC Jetty	-	11	-	-	11
			Wharf	-	2	-	-	2
Valsad	Minor	No Anchorage fixed	RCC Jetty	1	-	-	-	1
Kolak	Minor	No Anchorage fixed	RCC Fishing Jetty	1	-	-	-	1
Vansi Borsi	Minor	11.00	RCC Fishing Jetty	-	-	-	-	-
Onjal	Minor	11.00	RCC Fishing Jetty	1	-	-	-	1
Umergaon	Minor	No Anchorage fixed	RCC Jetty	-	2	-	-	2
Umarsadi	Minor	No Anchorage fixed	Fishing Jetty	1	-	-	-	1
Billimora	Minor	No Anchorage fixed	Wooden jetty	3	-	-	-	3
			RCC Jetty	1	-	-	-	1

Table 1.10 (Contd...)

## Berthing Facilities Available at Non-Major Ports

(As on 31.3.2010)

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>GUJARAT(Contd...)</b>								
Mul-Dwarka	Intermediate Fair Weather Port	13-14	Direct berth for small coaster	-	1	-	1	2
Okha	Intermediate	12.80	Savaji 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 jetty	-	-	1	-	1
			T Shape jetty	1	-	-	-	1
			Captive jetty	-	-	1	-	1
(a)Victor	Minor	11.60	Along side wharf(east)	1	-	-	-	1
			Along side wharf (west)	-	-	-	-	-
(b)Pipavav (GPPL)	Intermediate	12.50	General Cargo	-	-	-	2	2
			Container	-	-	-	2	2
			LPG	-	-	-	1	1
Navalakhi	Intermediate	2.00	Jetty/wharf	2	2	-	-	4
Jakhau	Minor	11.00 10.30	Jetty Jetty	- -	- -	- -	- -	- -
<b>TAMIL NADU</b>								
Cuddalore	Intermediate	15.00	Open road stead Port	-	-	-	-	-
Cuddalore(Chemplast jetty)	Intermediate	10.40	Open road stead Port	-	-	-	1	1
Nagapattinam	Intermediate	Depth available according to draft of the vessel	Open road stead Port.	-	-	-	-	-
Rameshwaram	Minor	5.00	Open Road Stead	-	-	-	-	-
Pamban	Minor	7.00	-	-	-	-	-	-
Colachel	Minor	2.00	Rcc Jetty	1	-	-	-	1
Valinokkam	Minor	12.00	-	-	-	-	-	-
Kanyakumari	Minor	2.00	L shape jetty	1	-	-	-	1
Ennore	Minor	15.00	Four point mooring system	-	-	-	-	-
Thiruchopuran	Minor	14 16	-	-	-	-	-	-
Tirukkadaiyur	Minor	15.50	S P M System	-	-	-	1	1
Kuddnkulam	Minor	2.50	Lo Lo& Ro Ro jetty	-	1	-	-	1

Table 1.10 (Contd...)

## Berthing Facilities Available at Non-Major Ports

(As on 31.3.2010)

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>MAHARASHTRA *</b>								
Satpati	Minor	4.00	Passenger Jetty	1	-	-	-	1
Manori	Minor	4.00	Sloping jetty	1	3	-	-	4
Versova	Minor	6-8	Sloping jetty	1	1	1	-	3
Ulwa Belapur	Minor	4.00	Sloping/cargo jetty	1	1	-	-	2
Mora	Minor	2.00	Captive	1	-	-	-	1
Karanja	Minor	2.00	Sloping jetty	1	-	-	-	1
Rewas	Minor	1.00	T Type Passenger Jetty	1	-	-	-	1
Mandwa	Minor	7.00	L Type Passenger Jetty	1	-	1	-	2
Dharamtar	Minor	3.00	T Type Passenger/	-	3	-	-	3
Rajpuri	Minor	2.00	Passenger Jetty	-	1	-	-	1
Revdanda	Minor	14-24	M/S Vikram Ispat jetty	-	-	1	-	1
Ratnagiri	Minor	15-18	T&I Type jetty	-	-	1	1	2
Vijaydurg	Minor	8.00	T Type Jetty	-	1	-	-	1
Redi	Minor	10-12	Cargo jetty	-	1	-	-	1
Elephanta	Minor	3.00	L Type Jetty	-	-	1	-	1
Dabhol	Minor	15.00	T Type Jetty	-	-	1	-	1
Kelsi	Minor	12.00	T Type Jetty	1	-	-	-	1
Bankot	Minor	3.00	T Type Jetty	1	-	-	-	1
Jaigad	Minor	14.00	T Type Jetty	-	-	-	1	1
Tarapur	Minor	-	L Type Jetty	2	-	-	-	2
Uttain	Minor	2.00	Sloping jetty	2	1	-	-	3
Kelwa Mahim	Minor	5.00	-	-	1	-	-	1
Datiware	Minor	4.00	-	-	-	1	-	1
Vassai	Minor	4.00	Sloping jetty	1	-	-	-	1
Trombay	Minor	2.00	-	1	-	-	-	1
Murud	Minor	3.00	Passenger Jetty	1	-	-	-	1
Bhiwandi	Minor	4.00	-	1	-	-	-	1
Vengurla	Minor	5-6	Passenger Jetty	1	-	-	-	1
Achara	Minor	4.00	Passenger Jetty	3	1	-	-	4
Deogad	Minor	4-5	Passenger Jetty	-	-	-	1	1
Jaitapur	Minor	5.00	Steed Jetty	1	-	-	-	1

\* Only major passenger jetties have been mentioned. In addition to this, there are passenger jetties numbering 280 Nos. (approx ) situated across the creek with above mentioned port Limits and used by passenger launches.

Source : State / UT

Table 1.10 (Contd...)

## Berthing Facilities Available at Non-Major Ports

(As on 31.3.2010)

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>KARNATAKA</b>								
Karwar	Intermediate	15.00	L Type	1	-	-	1	2
Honavar	Minor	6.00	Mooring berth jetty	-	-	-	-	-
Bhatkal	Minor	1.50	Wharf	-	-	-	-	-
Tadri	Minor	1.25	T Shape/RCC Jetty	-	-	-	-	-
Kundapur	Minor	8.00	Along side jetty	-	1	-	-	1
Belekeri	Minor	20.00	L Type RCC	-	-	1	-	1
Malpe	Minor	7.00	Along side jetty	-	1	-	-	1
Hangarkatta	Minor	6.00	jetty/wharf	-	1	-	-	1
Mangalore	Intermediate	1.50	General cargo	2	1	-	-	3
<b>KERALA</b>								
1. Koavalam/ Vizhinjam	Minor	8.00	Wharf	-	-	1	-	1
2. Neendakara	Intermediate	13.00	Concrete wharf	1	-	-	-	1
3. Thankassery	Intermediate	-	Wharf	-	-	1	-	1
3. Azhikkal	Minor	14.00	Wharf	-	-	-	-	-
4. Kozhikode/Bey pore	Intermediate	20.00	RCC Wharf	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	9.00	Wharf	1	-	-	-	1
9. Vaityathura	Minor	5'-10	Open sea	1	-	-	-	1
10. Kasargode	Minor	1.50	-	-	-	-	-	-
11. Munambam	Minor	6.00	-	-	-	-	-	-

Table 1.10 (Contd...)

## Berthing Facilities Available at Non-Major Ports

(As on 31.3.2010)

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>ANDHRA PRADESH</b>								
Kakinada (a) Anchorage	Intermediate	12.00	Open roadstead port	-	-	-	-	-
(b) Deep water	Intermediate	8.50	Three Shore connected berth of 620 mtrs length	-	-	-	3	3
c) Rawa	Minor	-	S.B.M. Operation	-	-	-	-	-
d) Krishnapattinam	Minor	20.90	-	-	-	2	2	4
<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	20.00	RCC Jetty C.C. Wharf	-	2	-	-	2
Daman	Minor	9.15	1. RCC jetty at Nani Daman	-	-	1	-	1
<b>ORISSA</b>								
Gopalpur	Minor	20-30	Wharf with front diaphragm wall inside lagoon of 555m long	-	7	-	-	7
<b>PONDICHERRY</b>								
Pondicherry	Minor	13-14	1) RCC pier 2) Cargo quay of 150mtr	-	-	-	-	-
				-	-	1	-	1
Karaikal MTF	Minor	13.00	R.C.C pier	-	-	-	1	1
Karaikal LTD	Minor	14.00	-	-	-	-	3	3

Source : State / UT Maritime Boards

**Table 1.11 Equipment Available at Various Non-Major Ports (As on 31.3.2010)**

(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>											
<b>Magdalla</b>											
2008-09	-	-	-	1	1	-	-	-	1	-	-
2009-10	-	-	-	1	1	-	-	-	1	-	-
<b>Porbandar</b>											
2008-09	1	-	-	2	-	-	-	2	4	-	-
2009-10	1	-	-	2	-	-	-	2	2	-	-
<b>Okha</b>											
2008-09	-	-	1	-	-	-	-	1	3	-	-
2009-10	-	-	1	-	-	-	-	1	3	-	-
<b>Bedi</b>											
2008-09	1	-	-	2	2	1	1	1	4	-	-
2009-10	1	-	-	2	2	1	1	1	4	-	-
<b>GAPL</b>											
2008-09	1	2	-	-	-	-	-	2	4	-	-
2009-10	1	2	-	-	-	-	-	2	4	-	-
<b>GPPL</b>											
2009-10	-	-	-	33	-	-	-	-	5	-	-
2009-10	-	-	-	35	-	-	-	-	4	-	-
<b>Veraval</b>											
2008-09	-	-	-	1	-	-	-	-	-	-	-
2009-10	-	-	-	1	-	-	-	-	-	-	-
<b>Navalakhi</b>											
2008-09	1	-	-	1	-	-	1	1	-	-	-
2009-10	1	-	-	1	-	-	1	1	1	-	-
<b>Bhavnagar</b>											
2008-09	5	-	-	-	-	-	-	-	1	-	-
2009-10	5	-	-	-	-	1	-	-	1	-	-
<b>Mandvi</b>											
2008-09	-	-	-	-	-	-	-	-	1	-	-
2009-10	-	-	-	-	-	-	-	-	1	-	-
<b>TAMIL NADU</b>											
<b>Kudankulam</b>											
2008-09	-	-	-	-	1	-	-	-	2	-	-
2009-10	-	-	-	-	-	-	-	-	-	-	-
<b>Nagapattinam</b>											
2008-09	-	-	-	-	6	2	-	11	2	-	-
2009-10	-	-	-	-	6	1	-	-	-	-	-
<b>Kanyakumari</b>											
2008-09	-	-	-	-	-	-	-	3	1	-	-
2009-10	-	-	-	-	-	-	-	3	1	-	-
<b>KERALA</b>											
<b>Neendakara</b>											
2008-09	1	-	-	-	-	4	-	-	1	-	-
2009-10	1	-	-	-	-	4	-	-	1	-	-
<b>Kozhikode/Beypor</b>											
2008-09	-	5	-	2	-	-	-	-	3	-	-
2009-10	-	5	-	2	-	-	-	-	3	-	-
<b>Kovalam-Vizhinjam</b>											
2008-09	-	-	-	-	-	-	-	-	-	-	-
2009-10	-	-	-	-	-	-	-	-	-	-	-

Table 1.11 (Contd...)

## Equipment Available at Various Non-Major Ports (As on 31.3.2010)

(Nos.)

State/Port/ Year	Dredgers	Cranes			Dumb	Barges		Launches	Tugs	Pablos	Fork Lifts
		Upto 5 tons	6-10 tons	Above 10 tons		Self-Propelled	Water Barges				
1	2	3	4	5	6	7	8	9	10	11	12
<b>MAHARASHTRA(b)</b>											
2008-09	1	-	-	-	1	1	-	3	2	-	-
2009-10	1	-	-	-	1	2	-	3	2	-	-
<b>DAMAN</b>											
2008-09	-	-	-	-	-	-	-	2	-	-	-
2009-10	-	-	-	-	-	-	-	2	-	-	-
<b>PUDUCHERRY</b>											
2008-09	2	-	-	-	-	-	-	1	-	-	-
2009-10	2	-	-	-	-	-	-	1	-	-	-
<b>GOA</b>											
<b>Panaji</b>											
2008-09	1	-	-	-	-	1	-	2	1	-	-
2009-10	1	-	-	-	-	1	-	2	1	-	-
<b>KARNATAKA*</b>											
<b>Belekeri</b>											
2008-09	-	-	-	-	-	-	-	-	-	-	-
2009-10	-	-	-	-	-	-	-	-	-	-	-
<b>Old Mangalore</b>											
2008-09	-	-	-	1	-	-	-	-	-	-	-
2009-10	-	-	-	1	-	-	-	-	-	-	-
<b>Karwar</b>											
2008-09	-	-	5	-	-	-	-	-	-	-	-
2009-10	-	-	5	-	-	-	-	-	-	-	-
<b>ANDHRA PRADESH</b>											
<b>Kakinada Anchorage Port</b>											
2008-09	2	-	-	-	7	1	-	10	6	-	-
2009-10	2	-	-	-	7	1	-	10	6	-	-
<b>Kakinada Deep Water Port</b>											
2008-09	-	2	-	-	-	-	-	-	4	-	10
2009-10	-	2	-	-	-	-	-	-	4	-	10
<b>Krishnapatnam</b>											
2008-09	-	-	2	-	2	-	-	2	3	-	-
2009-10	-	-	2	-	2	-	-	2	3	-	-
<b>Orissa</b>											
<b>Gopalpur</b>											
2008-09	1	-	4	-	4	8	-	3	-	-	-
2009-10	1	-	4	-	4	8	-	3	-	-	-
<b>ANDAMAN &amp; NICOBAR ISLAND</b>											
<b>Port Blair</b>											
2008-09	2	-	6	2	4	-	-	3	3	-	16
2009-10	2	-	6	2	4	-	-	3	2	-	16
<b>Mayabunder</b>											
2008-09	-	-	2	-	-	-	-	-	-	-	2
2009-10	-	-	2	-	-	-	-	-	-	-	2
<b>Diglipur</b>											
2008-09	-	-	1	-	2	-	-	-	-	-	-
2009-10	-	-	1	-	3	-	-	-	-	-	-
<b>Car Nicobar</b>											
2008-09	-	-	2	2	2	-	-	-	-	-	2
2009-10	-	-	4	3	2	-	-	-	-	-	3
<b>Hut Bay</b>											
2008-09	-	-	-	3	2	-	-	-	-	-	2
2009-10	-	-	-	3	2	-	-	-	-	-	2
<b>Nancowry</b>											
2008-09	-	-	-	-	2	-	-	-	1	-	4
2009-10	-	-	-	1	3	-	-	-	1	-	4
<b>Compbell</b>											
2008-09	-	-	1	3	-	-	-	-	1	-	3
2009-10	-	-	2	3	-	-	-	-	-	-	3
<b>Rangat</b>											
2008-09	-	-	-	1	-	-	-	-	-	-	1
2009-10	-	-	-	1	-	-	-	-	-	-	1

b) : Above all vessels are not provided to each Minor Port at a time. Their services are utilised as per requirement.

\* : In Karwar port private companies have sufficient no of Cranes, self propelled facilities ext.

Source : State / UT Maritime Boards

**Table 1.12****State-Wise Navigational Aids Maintained By Department of Light-Houses and Light-Ships (As on 31.3.2010)****(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	48	21	-	19	1	-	1	4
Maharashtra	19	1	-	11	-	-	-	2
Goa, Daman & Diu	2	-	-	1	-	-	-	1
Karnataka	8	1	2	-	-	-	-	1
Kerala	15	-	2	5	-	-	-	1
Tamilnadu	16	-	11	9	-	-	-	4
Puducherry	1	-	1	1	-	-	-	1
Andhra Pradesh	16	-	5	5	-	-	-	3
Orissa	5	-	4	2	-	-	-	1
West Bengal	1	-	3	1	-	-	-	1
Andaman & Nicobar Islands	32	-	1	5	-	-	1	3
Lakshadweep	16	-	2	5	-	-	-	1
<b>Total</b>	<b>179</b>	<b>23</b>	<b>31</b>	<b>64</b>	<b>1</b>	<b>-</b>	<b>2</b>	<b>23</b>

Source : Directorate General of Light Houses &amp; 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 -2009-10**

(In '000 Tonnes)

Port	Overseas				Coastal				Overseas & Coastal			
	Un-Loaded	Loaded	Trans-shipment	Total	Un-Loaded	Loaded	Trans-shipment	Total	Un-Loaded	Loaded	Trans-shipment	Total
1	2	3	4	5	6	7	8	9	10	11	12	13
Kandla	57505	11830	0	69335	4388	5777	0	10165	61893	17607	0	79500
Mumbai	26551	3791	6820	37162	2126	3744	11509	17379	28677	7535	18329	54541
J.L. Nehru	29353	24461	1332	55146	2184	3087	346	5617	31537	27548	1678	60763
Mormugao	6870	40429	0	47299	1022	526	0	1548	58527	12356	0	48847
New Mangalore	17976	10508	0	28484	3593	3451	0	7044	21569	13959	0	35528
Cochin	9570	2314	0	11884	4264	1281	0	5545	13834	3595	0	17429
Tuticorin	12870	4414	0	17284	5782	721	0	6503	18652	5135	0	23787
Chennai	33875	22219	0	56094	4239	724	0	4963	38114	22943	0	61057
Ennore	1313	936	0	2249	8454	0	0	8454	9767	936	0	10703
Visakha-patnam	28484	14856	1697	45037	5052	14919	493	20464	33536	29775	2190	65501
Paradip	27509	17206	0	44715	1666	10630	0	12296	29175	27836	0	57011
Haldia Dock Complex	18016	9285	0	27301	3566	2511	0	6077	21582	11796	0	33378
Kolkata Dock System	6581	3898	1554	12033	708	304	0	1012	7289	4202	1554	13045
All Ports	276473	166147	11403	454023	47044	47675	12348	107067	323517	213822	23751	561090

Source : Major Ports

Table 2.1.2

**Traffic Handled At Major Ports  
by Selected Commodities - 2009-10**

('000 Tonnes)

Port	POL and Crude Prdcts	Iron Ore	Fertil-iser	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	46970	661	4912	788	632	3225	2432	147	19880	79500
Mumbai	34538	-	201	241	578	3815	607	58	14561	54541
J.L.Nehru	4916	-	-	-	-	-	53096	4176	2751	60763
Mormugao	964	40574	125	-	-	4741	229	17	2214	48847
New Mangalore	21339	7062	820	13	161	2810	475	31	2848	35528
Cochin	11938	-	135	211	-	148	3929	289	1068	17429
Tuticorin	514	41	1221	860	150	5603	6599	440	8799	23787
Chennai	13321	8027	357	254	-	3059	23477	1208	12562	61057
Ennore	395	936	-	-	-	9279	-	-	93	10703
Visakhapatnam	18291	18944	2909	775	226	11722	1678	97	10956	65501
Paradip	11647	16159	81	3486	-	19820	52	4	5766	57011
Haldia Dock Complex	9304	7678	178	117	10	7548	2068	124	6475	33378
Kolkata Dock System	724	810	2	45	-	16	6645	378	4803	13045
All Ports	174861	100892	10941	6790	1757	71786	101287	6969	92776	561090

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

Table 2.1.3

**Traffic Handled - Port-wise and Principal Commodity-wise -  
2007-08, 2008-09 & 2009-10**

('000 Tonnes)

**Kolkata Dock System**

Commodity	2007-08						2008-09						2009-10					
	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	3617	0	3617	0	0	0	2715	0	2715	0	0	0	0	0	0	0	0	0
POL Products	10	0	10	812	84	896	103	0	103	546	72	618	19	40	59	588	77	665
Fertiliser	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0
FRM - Dry	25	0	25	0	0	0	23	0	23	0	0	0	45	0	45	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	4	4	0	0	0	0	31	31	0	0	0	0	0	0	0	0	0
Iron & Steel	35	23	58	0	0	0	18	45	63	0	0	0	138	70	208	4	1	5
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	51	3	54	0	0	0	199	0	199	0	0	0
Veg. Oil	461	0	461	0	0	0	524	0	524	0	0	0	542	0	542	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	8	0	8	16	0	16	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	2	0	2	0	0	0	0	0	0	3	0	3	0	0	0
Iron Ore/Pellets	163	324	487	1	0	1	194	285	479	3	0	3	557	252	809	1	0	1
Other Ore	0	0	0	0	0	0	0	0	0	0	0	0	273	0	273	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	23	0	23	0	0	0	90	0	90	14	0	14	86	0	86	61		61
Others	5174	2787	7961	39	157	196	4452	3047	7499	59	145	204	5681	4110	9791	54	226	280
Total	9508	3138	12646	854	241	1095	8170	3411	11581	630	217	847	7561	4472	12033	708	304	1012

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

**Traffic Handled - Port-wise and Principal Commodity-wise -  
2007-08, 2008-09 & 2009-10**

('000 Tonnes)

**Haldia Dock Complex**

Commodity	2007-08						2008-09						2009-10					
	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	11273	0	11273	1642	0	1642	10739	0	10739	1703	0	1703	3037	0	3037	1657	0	1657
POL Products	2837	92	2929	745	1096	1841	1199	232	1431	1229	1148	2377	1578	118	1696	1892	1022	2914
Fertiliser	359	0	359	0	0	0	316	0	316	0	0	0	178	0	178	0	0	0
FRM - Dry	353	0	353	0	0	0	230	0	230	0	0	0	117	0	117	0	0	0
FRM - Liquid	506	0	506	0	0	0	440	0	440	0	0	0	479	0	479	0	0	0
Food Grains	5	0	5	0	0	0	7	0	7	0	0	0	10	0	10	0	0	0
Iron & Steel	351	254	605	0	0	0	121	200	321	0	0	0	166	77	243	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	13	13	0	0	0	191	10	201	0	0	0	669	0	669	0	0	0
Veg. Oil	514	0	514	0	0	0	0	0	0	0	0	0	920	0	920	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	17
Coking Coal	5476	0	5476	0	0	0	5923	0	5923	0	0	0	6059	0	6059	0	0	0
Thermal Coal	0	0	0	0	1797	1797	0	0	0	0	1915	1915	0	0	0	0	1489	1489
Cement	0	0	0	0	0	0	0	0	0	0	0	0	42	0	42	0	0	0
Iron Ore/Pellets	0	9892	9892	0	0	0	0	8727	8727	0	0	0	0	7678	7678	0	0	0
Other Ore	228	6	234	0	0	0	219	4	223	0	0	0	322	0	322	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	1797	179	1976	39	0	39	1907	186	2093	171	0	171	720	82	802	0	0	0
Others	2554	1577	4131	0	3	3	3458	1497	4955	20	0	20	3719	1330	5049	0	0	0
<b>Total</b>	<b>26253</b>	<b>12013</b>	<b>38266</b>	<b>2426</b>	<b>2896</b>	<b>5322</b>	<b>24750</b>	<b>10856</b>	<b>35606</b>	<b>3123</b>	<b>3063</b>	<b>6186</b>	<b>18016</b>	<b>9285</b>	<b>27301</b>	<b>3566</b>	<b>2511</b>	<b>6077</b>

**Traffic Handled - Port-wise and Principal Commodity-wise -  
2007-08, 2008-09 & 2009-10**

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

Commodity	('000 Tonnes)																		Paradip
	2007-08						2008-09						2009-10						
	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	1072	0	1072	504	0	504	8667	0	8667	315	0	315	
POL Products	866	46	912	548	305	853	676	0	676	675	313	988	739	0	739	1202	724	1926	
Fertiliser	136	0	136	0	0	0	173	0	173	0	0	0	81	0	81	0	0	0	
FRM - Dry	3418	0	3418	324	0	324	3397	0	3397	0	0	0	3486	0	3486	0	0	0	
FRM - Liquid	1391	0	1391	192	0	192	1159	0	1159	59	0	59	1401	0	1401	146	75	221	
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	53	112	165	0	0	0	4	0	4	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	12	0	12	0	0	0	0	0	0	0	0	0	38	0	38	0	0	0	
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Coking Coal	4725	8	4733	539	0	539	5430	0	5430	0	34	34	4995	0	4995	0	8	8	
Thermal Coal	0	1268	1268	0	9392	9392	3855	0	3855	11	10832	10843	4992	67	5059	0	9758	9758	
Cement	67	0	67	33	0	33	0	0	0	0	0	0	0	0	0	0	0	0	
Iron Ore/Pellets	18	11979	11997	0	963	963	0	14156	14156	116	0	116	18	16111	16129	3	27	30	
Other Ore	1123	1026	2149	0	93	93	532	550	1082	0	0	0	999	637	1636	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	3347	466	3813	115	37	152	2135	363	2498	44	161	205	2089	391	2480	0	38	38	
<b>Total</b>	<b>15103</b>	<b>14793</b>	<b>29896</b>	<b>1751</b>	<b>10790</b>	<b>12541</b>	<b>18482</b>	<b>15181</b>	<b>33663</b>	<b>1409</b>	<b>11340</b>	<b>12749</b>	<b>27509</b>	<b>17206</b>	<b>44715</b>	<b>1666</b>	<b>10630</b>	<b>12296</b>	

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

**Traffic Handled - Port-wise and Principal Commodity-wise -  
2007-08, 2008-09 & 2009-10**

('000 Tonnes)

**Visakhapatnam**

Commodity	2007-08						2008-09						2009-10					
	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	7696	0	7696	1839	0	1839	9422	0	9422	3863	0	3863	8995	0	8995	1591	1698	3289
POL Products	2561	1860	4421	3313	1254	4567	1648	1393	3041	2079	1353	3432	1224	1304	2528	1978	1501	3479
Fertiliser	3928	0	3928	644	0	644	3408	0	3408	0	0	0	2909	0	2909	0	0	0
FRM - Dry	716	0	716	0	0	0	726	0	726	0	0	0	775	0	775	0	0	0
FRM - Liquid	658	0	658	127	0	127	336	0	336	36	0	36	596	0	596	44		44
Food Grains	185	263	448	0	38	38	144	346	490	0	37	37	94	95	189	0	37	37
Iron & Steel	180	637	817	1	50	51	88	491	579	3	59	62	67	274	341	0	18	18
Iron Scrap	25	0	25	0	0	0	33	0	33	0	0	0	0	0	0	0	0	0
Sugar	0	44	44	0	6	6	4	5	9	0	4	4	45	0	45	0	5	5
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	7456	0	7456	0	16	16	7561	0	7561	0	19	19	7436	0	7436	0	515	515
Thermal Coal	0	0	0	0	2895	2895	0	0	0	0	3440	3440	55	0	55	4	3712	3716
Cement	33	0	33	0	1	1	0	0	0	0	15	15	0	0	0	0	0	0
Iron Ore/Pellets	0	9788	9788	323	8837	9160	0	8514	8514	12	8993	9005	91	10494	10585	744	7615	8359
Other Ore	649	74	723	119	0	119	92	151	243	139	0	139	252	141	393	684	0	684
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemicals	338	0	338	159	0	159	283	0	283	143	0	143	0	0	0	0	0	0
Others	4720	3076	7796	5	83	88	5455	3258	8713	185	170	355	7642	2548	10190	251	67	318
<b>Total</b>	<b>29145</b>	<b>15742</b>	<b>44887</b>	<b>6530</b>	<b>13180</b>	<b>19710</b>	<b>29200</b>	<b>14158</b>	<b>43358</b>	<b>6460</b>	<b>14090</b>	<b>20550</b>	<b>30181</b>	<b>14856</b>	<b>45037</b>	<b>5296</b>	<b>15168</b>	<b>20464</b>

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

**Traffic Handled - Port-wise and Principal Commodity-wise -  
2007-08, 2008-09 & 2009-10**

('000 Tonnes)

Ennore

Commodity	2007-08						2008-09						2009-10					
	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	251	0	251	68	0	68	359	0	359	7	0	7	330	0	330	65	0	65
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	10	0	10	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	958	0	958	8093	0	8093	1174	0	1174	8534	0	8534	890	0	890	8389	0	8389
Cement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron Ore/Pellets	0	2190	2190	0	0	0	0	1111	1111	0	0	0	0	936	936	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	3	0	3	0	0	0	41	0	41	0	0	0	83	0	83	0	0	0
Others	0	0	0	0	0	0	274	0	274	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>1212</b>	<b>2190</b>	<b>3402</b>	<b>8161</b>	<b>0</b>	<b>8161</b>	<b>1848</b>	<b>1111</b>	<b>2959</b>	<b>8541</b>	<b>0</b>	<b>8541</b>	<b>1313</b>	<b>936</b>	<b>2249</b>	<b>8454</b>	<b>0</b>	<b>8454</b>

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

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

**Traffic Handled - Port-wise and Principal Commodity-wise -  
2007-08, 2008-09 & 2009-10**

('000 Tonnes)

**Chennai**

Commodity	2007-08						2008-09						2009-10					
	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	8532	0	8532	1301	0	1301	8556	0	8556	1139	0	1139	8497	0	8497	1390	0	1390
POL Products	246	798	1044	1011	825	1836	683	1052	1735	906	796	1702	627	781	1408	1404	622	2026
Fertiliser	585	0	585	0	0	0	516	0	516	0	0	0	357	0	357	0	0	0
FRM - Dry	266	0	266	0	0	0	267	0	267	0	0	0	254	0	254	0	0	0
FRM - Liquid	0	0	0	0	0	0	0	0	0	0	0	0	11	0	11	0	0	0
Food Grains	79	5	84	0	0	0	22	0	22	0	0	0	0	0	0	0	0	0
Iron & Steel	486	32	518	2	1	3	485	135	620	13	0	13	532	69	601	53	2	55
Iron Scrap	5	76	81	5	10	15	105	62	167	0	13	13	305	41	346	0	0	0
Sugar	0	58	58	0	0	0	63	73	136	0	0	0	517	0	517	0	0	0
Veg. Oil	518	0	518	0	0	0	0	0	0	0	0	0	1080	0	1080	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	7790	0	7790	0	0	0	7402	0	7402	0	0	0	1790	0	1790	0	0	0
Thermal Coal	0	0	0	1908	0	1908	0	0	0	2446	0	2446	0	0	0	1269	0	1269
Cement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
Iron Ore/Pellets	0	10781	10781	0	0	0	0	6846	6846	0	0	0	0	8027	8027	0	0	0
Other Ore	21	595	616	0	0	0	10	753	763	0	0	0	7	841	848	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	183	0	183	17	0	17	100	0	100	81	0	81	49	0	49	109	0	109
Others	9815	11024	20839	89	90	179	11819	13062	24881	32	54	86	19849	12460	32309	14	96	110
<b>Total</b>	<b>28526</b>	<b>23369</b>	<b>51895</b>	<b>4333</b>	<b>926</b>	<b>5259</b>	<b>30028</b>	<b>21983</b>	<b>52011</b>	<b>4617</b>	<b>863</b>	<b>5480</b>	<b>33875</b>	<b>22219</b>	<b>56094</b>	<b>4239</b>	<b>724</b>	<b>4963</b>

Table 2.1.3

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

2007-08, 2008-09 &amp; 2009-10

('000 Tonnes)

Tuticorin

Commodity	2007-08						2008-09						2009-10					
	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	234	17	251	139	74	213	301	0	301	202	0	202	264	0	264	250	0	250
Fertiliser	1098	0	1098	0	0	0	1147	0	1147	0	0	0	1221	0	1221	0	0	0
FRM - Dry	632	0	632	0	0	0	677	0	677	0	0	0	860	0	860	0	0	0
FRM - Liquid	31	106	137	0	81	81	0	42	42	0	232	232	43	113	156	0	149	149
Food Grains	182	261	443	0	0	0	0	195	195	0	0	0	0	150	150	0	0	0
Iron & Steel	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	87	0	87
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar	0	378	378	0	0	0	0	116	116	0	0	0	612	3	615	0	0	0
Veg. Oil	121	0	121	0	0	0	0	0	0	0	0	0	225	0	225	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	807	0	807	5305	0	5305	1312	0	1312	4735	0	4735	1095	0	1095	4508	0	4508
Cement	0	16	16	0	0	0	0	0	0	0	0	0	0	15	15	0	0	0
Iron Ore/Pellets	0	0	0	0	0	0	0	0	0	0	0	0	0	41	41	0	0	0
Other Ore	1220	241	1461	0	0	0	1141	195	1336	0	0	0	1183	226	1409	0	2	2
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemicals	0	339	339	0	28	28	0	0	0	0	0	0	0	0	0	0	0	0
Others	5499	4157	9656	204	310	514	6664	4522	11186	191	339	530	7367	3865	11232	937	570	1507
Total	9824	5515	15339	5648	493	6141	11242	5070	16312	5128	571	5699	12870	4414	17284	5782	721	6503

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

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

**2007-08, 2008-09 & 2009-10**

('000 Tonnes)

**Cochin**

Commodity	2007-08						2008-09						2009-10					
	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	5598	159	5757	2999	0	2999	5398	90	5488	2508	216	2724	5928	0	5928	2363	118	2481
POL Products	133	356	489	572	1483	2055	525	273	798	737	745	1482	986	782	1768	1049	712	1761
Fertiliser	83	0	83	0	0	0	193	0	193	0	0	0	135	0	135	0	0	0
FRM - Dry	271	0	271	0	0	0	265	0	265	0	0	0	211	0	211	0	0	0
FRM - Liquid	93	0	93	0	0	0	86	0	86	25	0	25	240	0	240	38	0	38
Food Grains	6	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron & Steel	170	21	191	4	0	4	186	9	195	0	1	1	15	0	15	7	0	7
Iron Scrap	76	0	76	27	5	32	64	0	64	27	0	27	82	0	82	0	0	0
Sugar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veg. Oil	43	0	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thermal Coal	246	0	246	0	0	0	259	0	259	0	0	0	148	0	148	0	0	0
Cement	0	0	0	0	0	0	46	0	46	0	0	0	0	0	0	110	0	110
Iron Ore/Pellets	27	0	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Ore	54	0	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tea and Coffee	6	155	161	0	0	0	7	132	139	0	0	0	27	118	145	0	28	28
Chemicals	115	49	164	0	0	0	61	61	122	0	0	0	84	0	84	4	0	4
Others	1608	1390	2998	58	3	61	2253	1182	3435	143	2	145	1714	1414	3128	693	423	1116
Total	8529	2130	10659	3660	1491	5151	9343	1747	11090	3440	964	4404	9570	2314	11884	4264	1281	5545

Table 2.1.3

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

2007-08, 2008-09 &amp; 2009-10

('000 Tonnes)

New Mangalore

Commodity	2007-08						2008-09						2009-10					
	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	10870	0	10870	1924	0	1924	10677	0	10677	1780	0	1780	10870	0	10870	1884	0	1884
POL Products	1586	4674	6260	234	2494	2728	1328	4396	5724	573	2574	3147	1047	4190	5237	945	2403	3348
Fertiliser	831	0	831	0	0	0	905	0	905	0	0	0	820	0	820	0	0	0
FRM - Dry	9	0	9	0	0	0	13	0	13	0	0	0	13	0	13	0	0	0
FRM - Liquid	262	0	262	8	0	8	193	0	193	32	0	32	269	0	269	10	0	10
Food Grains	0	57	57	0	0	0	0	111	111	0	0	0	0	161	161	0	0	0
Iron & Steel	0	0	0	0	17	17	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	374	0	374	0	0	0	0	0	0	0	0	0	590	0	590	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	1688	0	1688	3	0	3	1929	0	1929	0	0	0	2791	0	2791	0	19	19
Thermal Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cement	0	0	0	216	0	216	0	0	0	0	0	0	0	0	0	312	0	312
Iron Ore/Pellets	0	8121	8121	528	615	1143	0	9023	9023	480	271	751	0	5759	5759	346	957	1303
Other Ore	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemicals	25	136	161	0	0	0	31	61	92	19	0	19	43	129	172	36	0	36
Others	1042	267	1315	19	13	32	1684	280	1964	320	11	331	1533	269	1802	60	57	117
Total	16693	13255	29948	2932	3139	6071	16760	13871	30631	3204	2856	6060	17976	10508	28484	3593	3451	7044

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

**Traffic Handled - Port-wise and Principal Commodity-wise -  
2007-08, 2008-09 & 2009-10**

('000 Tonnes)

**Mormugao**

Commodity	2007-08						2008-09						2009-10					
	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	263	0	263	611	0	611	440	0	440	598	0	598	249	0	249	715	0	715
Fertiliser	192	0	192	0	0	0	182	0	182	0	0	0	125	0	125	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	374	0	374	0	0	0	339	0	339	19	0	19	448	0	448	37	0	37
Food Grains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron & Steel	0	134	134	0	0	0	0	132	132	0	0	0	2	174	176	0	134	134
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	74	0	74	0	0	0	126	0	126	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	3887	0	3887	0	0	0	4107	0	4107	0	0	0	3759	0	3759	0	29	29
Thermal Coal	357	0	357	0	0	0	449	0	449	0	0	0	953	0	953	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	26963	26963	27	339	366	0	33446	33446	0	363	363	0	40036	40036	254	284	538
Other Ore	0	127	0	0	0	0	0	394	0	0	0	0	0	105	105	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	1474	315	1916	0	65	65	804	283	1481	0	51	51	1208	114	1322	16	79	95
Total	6547	27539	34086	638	404	1042	6395	34255	40650	617	414	1031	6870	40429	47299	1022	526	1548

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

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

**2007-08, 2008-09 & 2009-10**

(’000 Tonnes)

**J. L. Nehru**

Commodity	2007-08						2008-09						2009-10					
	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	381	516	897	984	307	1291	397	382	779	998	2774	3772	268	733	1001	953	2962	3915
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	582	0	582	0	0	0	762	0	762	0	0	0	847	0	847	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thermal Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cement	0	0	0	741	0	741	0	0	0	813	0	813	0	0	0	1020	0	1020
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	285	0	285	4	0	4	504	2	506	17	0	17	735	50	785	56	0	56
Others	25479	25499	50978	978	82	1060	24217	25857	50074	458	115	573	28219	24294	52513	284	342	626
<b>Total</b>	<b>26727</b>	<b>26015</b>	<b>52742</b>	<b>2707</b>	<b>389</b>	<b>3096</b>	<b>25880</b>	<b>26241</b>	<b>52121</b>	<b>2286</b>	<b>2889</b>	<b>5175</b>	<b>30069</b>	<b>25077</b>	<b>55146</b>	<b>2313</b>	<b>3304</b>	<b>5617</b>

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

**Traffic Handled - Port-wise and Principal Commodity-wise -  
2007-08, 2008-09 & 2009-10**

('000 Tonnes)

**Mumbai**

Commodity	2007-08						2008-09						2009-10					
	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	12744	0	12744	7323	6357	13680	11507	99	11606	9232	3389	12621	12782	0	12782	8155	3180	11335
POL Products	2917	2373	5290	4664	696	5360	2677	2096	4773	4590	981	5571	2495	2725	5220	4637	564	5201
Fertiliser	102	0	102	0	0	0	136	0	136	0	0	0	201	0	201	0	0	0
FRM - Dry	231	0	231	0	0	0	210	0	210	0	0	0	241	0	241	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	467	65	532	0	0	0	450	29	479	0	0	0	561	17	578	0	0	0
Iron & Steel	1419	689	2108	51	9	60	1296	628	1924	30	0	30	3404	623	4027	545	0	545
Iron Scrap	6	0	6	4	0	4	5	0	5	0	0	0	0	0	0	13	0	13
Sugar	7	572	579	0	0	0	1	492	493	0	0	0	37	0	37	0	0	0
Veg. Oil	352	21	373	0	0	0	0	0	0	0	0	0	418	27	445	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	2872	0	2872	0	0	0	3676	0	3676	0	0	0	3815	0	3815	0	0	0
Cement	0	0	0	2	0	2	13	0	13	0	0	0	12	0	0	101	0	101
Iron Ore/Pellets	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Ore	69	0	69	0	0	0	81	0	81	0	0	0	106	0	106	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	68	16	84	0	0	0	21	15	36	0	0	0	22	19	41	0	0	0
Others	10249	1700	11949	993	0	993	8137	1232	9369	853	0	853	9097	560	9657	184	0	184
<b>Total</b>	<b>31503</b>	<b>5436</b>	<b>36939</b>	<b>13037</b>	<b>7062</b>	<b>20099</b>	<b>28210</b>	<b>4591</b>	<b>32801</b>	<b>14705</b>	<b>4370</b>	<b>19075</b>	<b>33191</b>	<b>3971</b>	<b>37162</b>	<b>13635</b>	<b>3744</b>	<b>17379</b>

Note:- Coastal cargo unloaded includes transhipment 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 -  
2007-08, 2008-09 & 2009-10**

('000 Tonnes)

**Kandla**

Commodity	2007-08						2008-09						2009-10					
	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	26362	0	26362	3177	0	3177	33162	0	33162	2774	0	2774	33535	0	33535	2842	0	2842
POL Products	1248	5146	6394	1296	996	2292	331	5179	5510	553	3539	4092	661	4981	5642	706	4245	4951
Fertiliser	3916	0	3916	0	0	0	5195	0	5195	0	0	0	4912	0	4912	0	0	0
FRM - Dry	160	0	160	0	0	0	298	0	298	0	0	0	788	0	788	0	0	0
FRM - Liquid	1474	0	1474	0	0	0	1120	0	1120	12	0	12	1728		1728	86	0	86
Food Grains	393	980	1373	0	0	0	0	1029	1029	0	0	0	0	632	632	0	0	0
Iron & Steel	1127	72	1199	11	249	260	878	25	903	10	36	46	1278	19	1297	66	22	88
Iron Scrap	0	0	0	0	0	0	150	0	150	0	0	0	505	0	505	0	0	0
Sugar	618	237	855	0	0	0	142	259	401	0	0	0	1571	0	1571	0	0	0
Veg. Oil	0	0	0	0	0	0	0	0	0	0	0	0	618	0	618	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	244	0	244	0	0	0	467	0	467	0	0	0	929	0	929	0	0	0
Thermal Coal	935	0	935	0	0	0	1407	0	1407	0	0	0	2296	0	2296	0	0	0
Cement	0	656	656	0	0	0	0	483	483	0	0	0	0	193	193	0	0	0
Iron Ore/Pellets	290	0	290	129	0	129	52	0	52	77	0	77	442	0	442	219	0	219
Other Ore	59	577	636	0	3	3	39	332	371	0	0	0	5	394	399	0	16	16
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemicals	2879	377	3256	23	91	114	3089	374	3463	12	22	34	4233	344	4577	12	478	490
Others	3886	6578	10464	177	554	731	4333	6333	10666	99	413	512	4004	5267	9271	457	1016	1473
<b>Total</b>	<b>43591</b>	<b>14623</b>	<b>58214</b>	<b>4813</b>	<b>1893</b>	<b>6706</b>	<b>50683</b>	<b>14014</b>	<b>64677</b>	<b>3537</b>	<b>4010</b>	<b>7547</b>	<b>57505</b>	<b>11830</b>	<b>69335</b>	<b>4388</b>	<b>5777</b>	<b>10165</b>

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

**Traffic Handled - Port-wise and Principal Commodity-wise -  
2007-08, 2008-09 & 2009-10**

('000 Tonnes)

**All Ports**

Commodity	2007-08						2008-09						2009-10					
	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	86692	159	86851	20205	6357	26562	93248	189	93437	23503	3605	27108	92311	0	92311	20197	4996	25193
POL Products	13533	15878	29411	14997	9614	24611	10667	15003	25670	13693	14295	27988	10487	15654	26141	16384	14832	31216
Fertiliser	11230	0	11230	644	0	644	12171	0	12171	0	0	0	10941	0	10941	0	0	0
FRM - Dry	6081	0	6081	324	0	324	6106	0	6106	0	0	0	6790	0	6790	0	0	0
FRM - Liquid	4789	106	4895	327	81	408	3673	42	3715	183	232	415	5215	113	5328	361	224	585
Food Grains	1317	1635	2952	0	38	38	623	1741	2364	0	37	37	665	1055	1720	0	37	37
Iron & Steel	3768	1862	5630	69	326	395	3125	1777	4902	56	96	152	5606	1307	6913	762	177	939
Iron Scrap	112	76	188	36	15	51	357	62	419	27	13	40	892	41	933	13	0	13
Sugar	625	1302	1927	0	6	6	526	958	1484	0	4	4	3776	3	3779	0	5	5
Veg. Oil	2977	21	2998	0	0	0	1286	0	1286	0	0	0	5288	27	5315	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	17
Coking Coal	31266	8	31274	542	16	558	32819	0	32819	8	53	61	27775	0	27775	0	571	571
Thermal Coal	6175	1268	7443	15306	14084	29390	12132	0	12132	15726	16187	31913	14244	67	14311	14170	14959	29129
Cement	100	672	772	994	1	995	59	483	542	813	15	828	57	208	253	1543	4	1547
Iron Ore/Pellets	498	80038	80536	1008	10754	11762	246	82108	82354	688	9627	10315	1108	89334	90442	1567	8883	10450
Other Ore	3429	2646	5942	119	96	215	2114	2379	4099	139	0	139	3147	2344	5491	684	33	717
Tea and Coffee	6	155	161	0	0	0	7	132	139	0	0	0	27	118	145	0	28	28
Chemicals	5716	1096	6812	242	119	361	6127	699	6826	457	22	479	6055	624	6679	278	478	756
Others	74847	58836	133816	2677	1397	4074	75685	60916	136995	2404	1461	3865	92122	56622	148744	2950	2914	5864
<b>Total</b>	<b>253161</b>	<b>165758</b>	<b>418919</b>	<b>57490</b>	<b>42904</b>	<b>100394</b>	<b>260971</b>	<b>166489</b>	<b>427460</b>	<b>57697</b>	<b>45647</b>	<b>103344</b>	<b>286506</b>	<b>167517</b>	<b>454023</b>	<b>58926</b>	<b>48141</b>	<b>107067</b>

Source: Major Ports.

Table 2.1.4

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

Port	2007-08 (%)			2008-09 (%)			2009-10 (%)		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
<b>MAJOR PORTS</b>	<b>15.4</b>	<b>5.7</b>	<b>11.5</b>	<b>13.7</b>	<b>5.2</b>	<b>10.4</b>	<b>14.0</b>	<b>5.6</b>	<b>10.9</b>
Kandla	11.5	3.2	9.4	4.5	2.1	3.9	10.5	1.9	9.0
Mumbai	26.2	14.1	24.4	28.5	22.9	27.7	4.9	24.7	22.6
J.N.P.T.	0.6	0.8	0.7	1.4	2.9	2.2	3.9	3.6	3.8
Mormugao	10.6	8.1	8.6	6.3	6.2	6.2	8.5	4.6	8.0
N.Mangalore	32.2	9.9	22.4	34.2	7.8	22.3	7.2	38.8	27.1
Cochin	18.0	7.5	15.9	18.8	1.0	16.0	36.6	21.0	22.9
Tuticorin	0.0	0.0	0.0	0.4	0.2	0.4	0.0	0.0	0.0
Chennai	10.0	5.0	7.7	8.4	3.3	6.3	4.1	9.3	7.2
Vizag	24.7	6.7	18.4	23.4	5.5	17.6	3.6	23.0	16.6
Paradip	7.5	7.5	7.5	7.1	6.4	6.8	5.8	6.1	6.0
Haldia Dock Complex	24.1	7.6	18.9	26.0	7.5	20.3	5.5	19.8	14.9
Kolkata Dock System	1.4	2.3	1.6	1.7	2.7	2.0	0.8	1.3	1.1
Ennore	4.9	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0
<b>NON-MAJOR PORTS</b>	<b>2.4</b>	<b>4.2</b>	<b>3.1</b>	<b>2.5</b>	<b>2.8</b>	<b>2.6</b>	<b>3.6</b>	<b>1.8</b>	<b>2.8</b>
<b>All Ports</b>	<b>11.5</b>	<b>5.2</b>	<b>9.0</b>	<b>10.2</b>	<b>4.5</b>	<b>8.1</b>	<b>4.6</b>	<b>10.9</b>	<b>8.1</b>

Table 2.1.5

**Container Traffic Handled at Major Ports - Type-Wise -  
2007-08, 2008-09 & 2009-10**

(Nos.)

Type	KANDLA			MUMBAI			JAWAHARLAL NEHRU		
	2007-08	2008-09	2009-10	2007-08	2008-09	2009-10	2007-08	2008-09	2009-10
1	2	3	4	5	6	7	8	9	10
<b>IMPORT</b>	92805	78719	79049	70493	49500	43839	1890338	1913789	2066147
20'	55829	51631	51607	33493	23742	18447	877552	875037	933773
40'	18488	13544	13721	18500	12879	12696	506393	519376	566187
Stuffed	62636	49443	53455	61507	41138	38215	1525962	1554326	1866192
20'	30080	24309	27437	27689	18584	14941	722170	716070	876494
40'	16278	12567	13009	16909	11277	11637	401896	419128	494849
Empty	30169	29276	25594	8986	8362	5624	364376	359463	199955
20'	25749	27322	24170	5804	5158	3506	155382	158967	57279
40'	2210	977	712	1591	1602	1059	104497	100248	71338
<b>EXPORT</b>	72287	58450	67723	44578	36364	4886	1849496	1828671	1970563
20'	51171	44074	46025	41786	33490	2918	853486	832083	896659
40'	10558	7188	10849	1396	1437	984	498005	498294	536952
Stuffed	68145	52233	61670	44143	35641	3118	1686443	1629768	1612420
20'	50835	41635	45844	41605	32963	2180	805685	783056	759522
40'	8655	5299	7913	1269	1339	469	440379	423356	426449
Empty	4142	6217	6053	435	723	1768	163053	198903	358143
20'	336	2439	181	181	527	738	47801	49027	137137
40'	1903	1889	2936	127	98	515	57626	74938	110503
<b>TRANSHIP-MENT</b>	-	-	-	6628	6628	9373	320007	210310	139135
20'	-	-	-	4394	4394	6347	116233	85616	51667
40'	-	-	-	1117	1117	1513	101887	62347	43734
Stuffed	-	-	-	6628	6628	9373	275359	151515	112202
20'	-	-	-	4394	4394	6347	108089	71191	44930
40'	-	-	-	1117	1117	1513	83635	40162	33636
Empty	-	-	-	-	-	-	44648	58795	26933
20'	-	-	-	-	-	-	8144	14425	6737
40'	-	-	-	-	-	-	18252	22185	10098
<b>TOTAL</b>	165092	137169	146772	121699	92492	58098	4059841	3952770	4175845
20'	107000	95705	97632	79673	61626	27712	1847271	1792736	1882099
40'	29046	20732	24570	21013	15433	15193	1106285	1080017	1146873
Stuffed	130781	101676	115125	112278	83407	50706	3487764	3335609	3590814
20'	80915	65944	73281	73688	55941	23468	1635944	1570317	1680946
40'	24933	17866	20922	19295	13733	13619	925910	882646	954934
Empty	34311	35493	31647	9421	9085	7392	572077	617161	585031
20'	26085	29761	24351	5985	5685	4244	211327	222419	201153
40'	4113	2866	3648	1718	1700	1574	180375	197371	191939

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

\*Includes 3920 TEUs of GTIPL, the break-up of which is not available.

\*\*Includes 721 TEUs of JNPCT, the break-up of which is not available

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

**Container Traffic Handled at Major Ports - Type-Wise -  
2007-08, 2008-09 & 2009-10**

(Nos.)

Type	MORMUGAO			NEW MANGALORE			COCHIN (C )		
	2007-08	2008-09	2009-10	2007-08	2008-09	2009-10	2007-08	2008-09	2009-10
1	2	3	4	5	6	7	8	9	10
<b>IMPORT</b>	7277	7440	9004	11011	14483	15744	124679	130705	139317
20'	3005	3156	4456	6589	9037	11838	70219	77369	85423
40'	2136	2142	2274	2211	2723	1953	27230	26668	26947
Stuffed	5692	5838	6803	7247	10513	10221	93930	107557	117863
20'	2586	3078	4379	4991	7273	8897	62124	71801	81631
40'	1553	1380	1212	1128	1620	662	15903	17878	18116
Empty	1585	1602	2201	3764	3970	5523	30749	23148	21454
20'	419	78	77	1598	1764	2941	8095	5568	3792
40'	583	762	1062	1083	1103	1291	11327	8790	8831
<b>EXPORT</b>	6750	6787	8292	10449	14072	15712	124625	129315	138863
20'	2642	2637	4238	6445	9100	11572	69177	73783	82725
40'	2054	2075	2027	2002	2486	2070	27724	27766	28069
Stuffed	4961	5095	4885	7588	8734	10820	97473	90856	85325
20'	2233	1983	1995	4752	5736	7340	45501	40064	35443
40'	1364	1556	1445	1418	1499	1740	25986	25396	24941
Empty	1789	1692	3407	2861	5338	4892	27152	38459	53538
20'	409	654	2243	1693	3364	4232	23676	33719	47282
40'	690	519	582	584	987	330	1738	2370	3128
<b>TRANSHIP-MENT</b>	-	-	-	-	-	-	4376	764	11380
20'	-	-	-	-	-	-	2004	220	10248
40'	-	-	-	-	-	-	1186	272	566
Stuffed	-	-	-	-	-	-	4146	108	11274
20'	-	-	-	-	-	-	1854	104	10194
40'	-	-	-	-	-	-	1146	2	540
Empty	-	-	-	-	-	-	230	656	106
20'	-	-	-	-	-	-	150	116	54
40'	-	-	-	-	-	-	40	270	26
<b>TOTAL</b>	14027	14227	17296	21460	28555	31456	253680	260784	289560
20'	5647	5793	8694	13034	18137	23410	141400	151372	178396
40'	4190	4217	4301	4213	5209	4023	56140	54706	55582
Stuffed	10653	10933	11688	14835	19247	21041	195549	198521	214462
20'	4819	5061	6374	9743	13009	16237	109479	111969	127268
40'	2917	2936	2657	2546	3119	2402	43035	43276	43597
Empty	3374	3294	5608	6625	9308	10415	58131	62263	75098
20'	828	732	2320	3291	5128	7173	31921	39403	51128
40'	1273	1281	1644	1667	2090	1621	13105	11430	11985

(c) There were 34, 352 and 257 containers of size 45' in Cochin Port which have been converted in TEUs (one 45' = 2 TEUs) in 2007-08, 2008-09 AND 2009-10 respectively.

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

**Container Traffic Handled at Major Ports - Type-Wise -  
2007-08, 2008-09 & 2009-10**

(Nos.)

Type	TUTICORIN			CHENNAI(a)			VISAKHAPATNAM		
	2007-08	2008-09	2009-10	2007-08	2008-09	2009-10	2007-08	2008-09	2009-10
1	2	3	4	5	6	7	8	9	10
<b>IMPORT</b>	220263	213990	213537	582513	585055	621001	33273	42470	48233
20'	94465	90736	96541	285637	275967	306963	20417	25664	32955
40'	62899	61627	58498	148438	154544	157019	6428	8403	7639
Stuffed	114920	117605	143230	550868	558940	593343	24259	32715	40524
20'	55492	57281	77102	265530	257544	291767	14851	19495	28142
40'	29714	30162	33064	142669	150698	150788	4704	6610	6191
Empty	105343	96385	70307	31645	26115	27658	9014	9755	7709
20'	38973	33455	19439	20107	18423	15196	5566	6169	4813
40'	33185	31465	25434	5769	3846	6231	1724	1793	1448
<b>EXPORT</b>	230135	224558	226411	539281	548754	586993	36479	44694	49063
20'	94799	93960	95831	272325	259404	292115	22445	27212	34475
40'	67668	65299	65290	133478	144675	147439	7017	8741	7294
Stuffed	224670	215485	204001	425730	422599	422815	30021	31520	36519
20'	91358	88975	77581	237672	225347	216595	21395	23254	30555
40'	66656	63255	63210	94029	98626	103110	4313	4133	2982
Empty	5465	9073	22410	113551	126155	164178	6458	13174	12544
20'	3441	4985	18250	34653	34057	75520	1050	3958	3920
40'	1012	2044	2080	39449	46049	44329	2704	4608	4312
<b>TRANSHIP-MENT</b>	-	-	-	-	-	-	1368	960	264
20'	-	-	-	-	-	-	448	404	264
40'	-	-	-	-	-	-	460	278	-
Stuffed	-	-	-	-	-	-	920	960	264
20'	-	-	-	-	-	-	388	404	264
40'	-	-	-	-	-	-	266	278	-
Empty	-	-	-	-	-	-	448	-	-
20'	-	-	-	-	-	-	60	-	-
40'	-	-	-	-	-	-	194	-	-
<b>TOTAL</b>	450398	438548	439948	1121794	1133809	1207994	71120	88124	97560
20'	189264	184696	192372	557962	535371	599078	43310	53280	67694
40'	130567	126926	123788	281916	299219	304458	13905	17422	14933
Stuffed	339590	333090	347231	976598	981539	1016158	55200	65195	77307
20'	146850	146256	154683	503202	482891	508362	36634	43153	58961
40'	96370	93417	96274	236698	249324	253898	9283	11021	9173
Empty	110808	105458	92717	145196	152270	191836	15920	22929	20253
20'	42414	38440	37689	54760	52480	90716	6676	10127	8733
40'	34197	33509	27514	45218	49895	50560	4622	6401	5760

(a) There were 1326, 1751 and 2085 containers of size 45' in Chennai Port which have been converted in TEUs (one 45' = 2 TEUS) in 2007-08, 2008-09 & 2009-10 respectively.

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

**Container Traffic Handled at Major Ports - Type-Wise -  
2007-08, 2008-09 & 2009-10**

(Nos.)

Type	PARADIP			HALDIA			KOLKATA		
	2007-08	2008-09	2009-10	2007-08	2008-09	2009-10	2007-08	2008-09	2009-10
1	2	3	4	5	6	7	8	9	10
<b>IMPORT</b>	2075	1196	1769	58245	57001	61570	162901	157453	194388
20'	2075	1196	1769	31525	32655	31510	99149	96977	123614
40'	-	-	-	13360	12173	15030	31876	30238	35387
Stuffed	31	2	-	57255	53415	60978	149332	144935	187641
20'	31	2	-	30865	29767	31046	92446	89965	120023
40'	-	-	-	13195	11824	14966	28443	27485	33809
Empty	2044	1194	1769	990	3586	592	13569	12518	6747
20'	2044	1194	1769	660	2888	464	6703	7012	3591
40'	-	-	-	165	349	64	3433	2753	1578
<b>EXPORT</b>	2113	1170	1757	69873	70247	62542	134386	144716	183122
20'	2113	1170	1757	45935	51325	43938	75692	79308	102930
40'	-	-	-	11969	9461	9302	29347	32704	40096
Stuffed	2098	1170	1757	61551	59388	42007	108101	119319	125054
20'	2098	1170	1757	43007	48272	37869	64495	68343	72550
40'	-	-	-	9272	5558	2069	21803	25488	26252
Empty	15	-	-	8322	10859	20535	26285	25397	58068
20'	15	-	-	2928	3053	6069	11197	10965	30380
40'	-	-	-	2697	3903	7233	7544	7216	13844
<b>TRANSHIP-MENT</b>	-	-	-	-	-	-	-	-	-
20'	-	-	-	-	-	-	-	-	-
40'	-	-	-	-	-	-	-	-	-
Stuffed	-	-	-	-	-	-	-	-	-
20'	-	-	-	-	-	-	-	-	-
40'	-	-	-	-	-	-	-	-	-
Empty	-	-	-	-	-	-	-	-	-
20'	-	-	-	-	-	-	-	-	-
40'	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	4188	2366	3526	128118	127248	124112	297287	302169	377510
20'	4188	2366	3526	77460	83980	75448	174841	176285	226544
40'	-	-	-	25329	21634	24332	61223	62942	75483
Stuffed	2129	1172	1757	118806	112803	102985	257433	264254	312695
20'	2129	1172	1757	73872	78039	68915	156941	158308	192573
40'	-	-	-	22467	17382	17035	50246	52973	60061
Empty	2059	1194	1769	9312	14445	21127	39854	37915	64815
20'	2059	1194	1769	3588	5941	6533	17900	17977	33971
40'	-	-	-	2862	4252	7297	10977	9969	15422

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

**Container Traffic Handled at Major Ports - Type-Wise -  
2007-08, 2008-09 & 2009-10**

(Nos.)

Type	ALL PORTS		
	2007-08	2008-09	2009-10
1	2	3	4
IMPORT	3255873	3251801	3493598
20'	1579955	1563167	1698896
40'	837959	844317	897351
Stuffed	2653639	2676427	3118465
20'	1308855	1295169	1561859
40'	672392	690629	778303
Empty	602234	575374	375133
20'	271100	267998	137037
40'	165567	153688	119048
EXPORT	3120452	3107798	3315927
20'	1538016	1507546	1615183
40'	791218	800126	850372
Stuffed	2760924	2671808	2610391
20'	1410636	1360798	1289231
40'	675144	655505	660580
Empty	359528	435990	705536
20'	127380	146748	325952
40'	116074	144621	189792
TRANSHIP-MENT	328276	218662	160152
20'	120450	90634	68526
40'	103913	64014	45813
Stuffed	282950	159211	133113
20'	112096	76093	61735
40'	85427	41559	35689
Empty	45326	59451	27039
20'	8354	14541	6791
40'	18486	22455	10124
TOTAL	6704601(b)	6578261(b)	6969677(b)
20'	3238421	3161347	3382605
40'	1733090	1708457	1793536
Stuffed	5697513	5507446	5861969
20'	2831587	2732060	2912825
40'	1432963	1387693	1474572
Empty	1007088	1070815	1107708
20'	406834	429287	469780
40'	300127	320764	318964

(b) 6314, 9564 and 84444 TEUs in 2007-08, 2008-09 & 2009-10 respectively under "Shifting" by Chennai Port have been excluded.

Source: Administration Report

Table 2.1.6

**Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports -Port-wise 2008-09 & 2009-10**

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		2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
	2008-09	2009-10	2008-09	2009-10						
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.	60	27	60	27	0.13	0.06	0.11	0.05	100.00	100.00
2. Metal & Metal products	157	85	923	422	0.33	0.18	1.65	0.79	17.01	20.14
3. Tea & Coffee	322	214	322	214	0.69	0.45	0.58	0.40	100.00	100.00
4. Foodgrain (Cereals and Pulses)	119	68	1442	327	0.25	0.14	2.58	0.61	8.25	20.80
5. Marine products	213	207	213	207	0.45	0.43	0.38	0.39	100.00	100.00
6. Fodder	190	35	236	35	0.40	0.07	0.42	0.07	80.51	100.00
7. Fruits & Vegetables.	40	17	70	17	0.09	0.04	0.13	0.03	57.14	100.00
8. Spices	22	67	22	67	0.05	0.14	0.04	0.13	100.00	100.00
9. Hossiyery, Harberdasherry and Millinary.	78	21	78	21	0.17	0.04	0.14	0.04	100.00	100.00
10. Machinery,Instruments Transport equipments.	129	77	177	416	0.27	0.16	0.32	0.78	72.88	18.51
11.Drugs and Medicines.	50	20	50	20	0.11	0.04	0.09	0.04	100.00	100.00
12.Dyes and Colours.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
13.Oil seeds,fats etc.	5	3	194	3	0.01	0.01	0.35	0.01	2.58	100.00
14.Chemicals	283	30	999	229	0.60	0.06	1.79	0.43	28.33	13.10
15.Dry Fruits	13	62	13	62	0.03	0.13	0.02	0.12	100.00	100.00
16.Jute & its Products	267	180	267	180	0.57	0.38	0.48	0.34	100.00	100.00
17.Leanther & its Products	71	59	71	59	0.15	0.12	0.13	0.11	100.00	100.00
18.Others	38248	23574	44157	32336	81.48	49.49	79.04	60.49	86.62	72.90
20.All Commodities	40267	23156	49294	24067	85.78	48.61	88.24	45.02	81.69	96.21
21.Tare Weight(a)	5418	4902	5306	4995	11.54	10.29	9.50	9.34	102.11	98.14
22.Transhipment incl. Tare Wt.(b)	1259	2428	1266	3735	2.68	5.10	2.27	6.99	99.45	65.01
<b>Grand Total</b>	<b>46944</b>	<b>47633</b>	<b>55866</b>	<b>53457</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>84.03</b>	<b>89.11</b>

Note : (1) For Visakhapatnam, Tuticorin and J.L.Nehru ports commodity-wise break up of Container Cargo is not available for years 2007-08 & 2008-09. In case of Chennai port, commodity-wise break up of Container Cargo and General Cargo for 2007-08 & 2008-09 are not available.

(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 - 2008-09 & 2009-10**

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		2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
	2008-09	2009-10	2008-09	2009-10						
1	2	3	4	5	6	7	8	9	10	11
<b>ALL PORTS</b>										
<b>UNLOADED</b>										
1. Iron & Steel	324	338	2524	2441	0.70	0.63	3.93	3.08	12.84	13.85
2. Metal & Metal Products.	571	241	1596	2507	1.23	0.45	2.48	3.17	35.78	9.61
3. Chemicals	455	600	968	616	0.98	1.12	1.51	0.78	47.00	97.40
4. Paper, Newsprints etc.	291	327	300	329	0.63	0.61	0.47	0.42	97.00	99.39
5. Plastic & its products	234	305	234	308	0.50	0.57	0.36	0.39	100.00	99.03
6. Machinery/Instrument and Transport equipments.	383	403	1100	999	0.82	0.75	1.71	1.26	34.82	40.34
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	80	44	80	44	0.17	0.08	0.12	0.06	100.00	100.00
8. Hair and wool	265	22	265	22	0.57	0.04	0.41	0.03	100.00	100.00
9. Rubber and its products.	71	117	71	117	0.15	0.22	0.11	0.15	100.00	100.00
10.Oil, fats etc.	82	78	1102	303	0.18	0.15	1.72	0.38	7.44	25.74
11.Woodpulp.	0	4	116	204	0.00	0.01	0.18	0.26	0.00	1.96
4. Foodgrain (Cereals and Pulses)	194	372	2090	2262	0.42	0.69	3.25	2.86	9.28	16.45
13.Fertiliser & FRM	20	0	1866	2128	0.04	0.00	2.90	2.69	1.07	0.00
14.Industrial Alcohol & Spirits (Non-potable)	1	0	1	10	0.00	0.00	0.00	0.01	100.00	0.00
15.Drugs & Medicines	1	2	1	2	0.00	0.00	0.00	0.00	100.00	100.00
16.Timber & Log	293	135	3392	1731	0.63	0.25	5.28	2.19	8.64	7.80
17.Others	36476	26845	41194	36053	78.45	50.03	64.12	45.56	88.55	74.46
19.All Commodities	39741	26010	56900	27366	85.47	48.48	88.57	34.58	69.84	95.04
20.Tare Weight (a)	5686	4896	5686	5809	12.23	9.13	8.85	7.34	100.00	84.28
21.Transhipment incl.Tare Wt.(b)	1069	4394	1659	13183	2.30	8.19	2.58	16.66	64.44	33.33
<b>Grand Total</b>	<b>46496</b>	<b>53654</b>	<b>64245</b>	<b>79134</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>72.37</b>	<b>67.80</b>

Note : (1) For Visakhapatnam, Tuticorin and J.L.Nehru ports commodity-wise break up of Container Cargo is not available for years 2007-08 & 2008-09. In case of Chennai port, commodity-wise break up of Container Cargo and General Cargo for 2007-08 & 2008-09 are not available.

(2) In case of KDS, transhipment 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 2008-09 & 2009-10**

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		2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
	2008-09	2009-10	2008-09	2009-10						
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.	32	25	32	25	1.39	0.99	1.07	0.73	100.00	100.00
2. Metal & Metal products	75	71	75	71	3.25	2.80	2.52	2.08	100.00	100.00
3. Tea & Coffee	115	124	115	124	4.98	4.89	3.86	3.64	100.00	100.00
4. Foodgrain (Cereals and Pulses)	44	27	82	27	1.91	1.07	2.75	0.79	53.66	100.00
5. Marine products	35	42	35	42	1.52	1.66	1.17	1.23	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	0	0	0	0	0.00	0.00	0.00	0.00	-	-
9. Hosiery, Harberdasherry and Millinary.	18	21	18	21	0.78	0.83	0.60	0.62	100.00	100.00
10. Machinery,Instruments Transport equipments.	35	42	36	49	1.52	1.66	1.21	1.44	97.22	85.71
11.Drugs and Medicines.	17	20	17	20	0.74	0.79	0.57	0.59	100.00	100.00
12.Dyes and Colours.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
13.Oil seeds,fats etc.	2	3	2	3	0.09	0.12	0.07	0.09	100.00	100.00
14.Chemicals	9	16	9	16	0.39	0.63	0.30	0.47	100.00	100.00
15.Dry Fruits	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16.Jute & its Products	241	177	241	177	10.45	6.99	8.09	5.20	100.00	100.00
17.Leather & its Products	52	58	52	58	2.25	2.29	1.74	1.70	100.00	100.00
18.Others	1322	1514	1956	2380	57.30	59.75	65.64	69.86	67.59	63.61
a).Iron & Steel	271	315	318	388	11.75	12.43	10.67	11.39	85.22	81.19
b).Cast Iron Goods	0	0	0	0	0.00	0.00	0.00	0.00	-	-
c). Miscellaneous	1051	1199	1638	1992	45.56	47.32	54.97	58.47	64.16	60.19
19. All Commodities	1997	2140	2670	3013	86.56	84.45	89.60	88.44	74.79	71.03
20. Tare Weight	310	394	310	394	13.44	15.55	10.40	11.56	100.00	100.00
21 . Transhipment incl.tare wt.	(a)	(a)	(a)	(a)	-	-	-	-	-	-
<b>Grand Total</b>	<b>2307</b>	<b>2534</b>	<b>2980</b>	<b>3407</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>77.42</b>	<b>74.38</b>

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

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

**Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2008-09 & 2009-10**

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		2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
	2008-09	2009-10	2008-09	2009-10						
1	2	3	4	5	6	7	8	9	10	11
<b>PORT: KOLKATA DOCK SYSTEM</b>										
<b>UNLOADED</b>										
1. Iron & Steel	78	112	94	254	2.46	2.72	2.09	3.87	82.98	44.09
2. Metal & Metal Products.	192	190	192	190	6.06	4.62	4.26	2.90	100.00	100.00
3. Chemicals	352	502	352	502	11.11	12.21	7.81	7.65	100.00	100.00
4. Paper, Newsprints etc.	63	94	63	94	1.99	2.29	1.40	1.43	100.00	100.00
5. Plastic & its products	138	186	138	186	4.35	4.52	3.06	2.83	100.00	100.00
6. Machinery/Instrument and Transport equipments.	265	325	318	481	8.36	7.91	7.06	7.33	83.33	67.57
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	52	36	52	36	1.64	0.88	1.15	0.55	100.00	100.00
8. Hair and wool	265	22	265	22	8.36	0.54	5.88	0.34	100.00	100.00
9. Rubber and its products.	17	18	17	18	0.54	0.44	0.38	0.27	100.00	100.00
10.Oil, fats etc.	55	70	55	70	1.74	1.70	1.22	1.07	100.00	100.00
11.Woodpulp.	0	1	0	1	0.00	0.02	0.00	0.02	-	100.00
4. Foodgrain (Cereals and Pulses)	179	347	890	1567	5.65	8.44	19.76	23.88	20.11	22.14
13.Fertiliser & FRM	0	0	23	47	0.00	0.00	0.51	0.72	0.00	0.00
14.Industrial Alcohol & Spirits (Non-potable)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
15.Drugs & Medicines	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16.Timber & Log	58	110	530	762	1.83	2.68	11.76	11.61	10.94	14.44
17.Others	1109	1665	1170	1899	35.00	40.50	25.97	28.94	94.79	87.68
a) Electric Goods	232	278	232	278	7.32	6.76	5.15	4.24	100.00	100.00
b) Metal Strap	72	93	72	93	2.27	2.26	1.60	1.42	100.00	100.00
c) Miscellaneous	805	1294	866	1528	25.40	31.48	19.22	23.29	92.96	84.69
18. All Commodities	2823	3678	4159	6129	89.08	89.47	92.32	93.40	67.88	60.01
19. Tare Weight	346	433	346	433	10.92	10.53	7.68	6.60	100.00	100.00
20 .Transshipment incl. tare wt.	(a)	-	(a)	0	-	0.00	-	0.00	-	-
<b>Grand Total</b>	<b>3169</b>	<b>4111</b>	<b>4505</b>	<b>6562</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>70.34</b>	<b>62.65</b>

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

Table 2.1.7  
(Cont)

**Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports -Port-wise 2008-09 & 2009-10**

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							
	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
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	1	1	1	0.08	0.10	0.07	0.10	100.00	100.00
2. Metal & Metal products	38	0	38	0	2.88	0.00	2.50	0.00	100.00	-
3. Tea & Coffee	17	7	17	7	1.29	0.73	1.12	0.67	100.00	100.00
4. Foodgrain (Cereals and Pulses)	15	41	15	41	1.14	4.26	0.99	3.93	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. Hosiery, Harberdasherry and Millinary.	1	0	1	0	0.08	0.00	0.07	0.00	100.00	-
10. Machinery,Instruments Transport equipments.	13	0	13	0	0.99	0.00	0.85	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.	1	0	1	0	0.08	0.00	0.07	0.00	100.00	-
14.Chemicals	1	2	1	2	0.08	0.21	0.07	0.19	100.00	100.00
15.Dry Fruits	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16.Jute & its Products	16	3	16	3	1.21	0.31	1.05	0.29	100.00	100.00
17.Leather & its Products	2	1	2	1	0.15	0.10	0.13	0.10	100.00	100.00
18.Others	1214	794	1416	873	92.04	82.45	93.10	83.78	85.73	90.95
a) Iron Goods	0	0	0	0	0.00	0.00	0.00	0.00	-	-
b) Iron & Steel	393	451	593	544	29.80	46.83	38.99	52.21	66.27	82.90
c). Miscellaneous	821	343	823	329	62.24	35.62	54.11	31.57	99.76	104.26
19. All Commodities	1319	849	1521	928	100.00	88.16	100.00	89.06	86.72	91.49
20. Tare Weight	0	114	0	114	0.00	11.84	0.00	10.94	-	100.00
21. Transhipment incl. tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
<b>Grand Total</b>	<b>1319</b>	<b>963</b>	<b>1521</b>	<b>1042</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>86.72</b>	<b>92.42</b>

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

**Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2008-09 & 2009-10**

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		2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
	2008-09	2009-10	2008-09	2009-10						
1	2	3	4	5	6	7	8	9	10	11
<b>PORT:HALDIA DOCK COMPLEX</b>										
<b>UNLOADED</b>										
1. Iron & Steel	23	201	144	368	2.18	18.19	11.12	26.01	15.97	54.62
2. Metal & Metal Products.	103	0	103	0	9.77	0.00	7.95	0.00	100.00	-
3. Chemicals	5	64	5	64	0.47	5.79	0.39	4.52	100.00	100.00
4. Paper, Newsprints etc.	43	144	43	144	4.08	13.03	3.32	10.18	100.00	100.00
5. Plastic & its products	72	106	72	106	6.83	9.59	5.56	7.49	100.00	100.00
6. Machinery/Instrument and Transport equipments.	34	34	34	177	3.23	3.08	2.63	12.51	100.00	19.21
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.	17	53	17	53	1.61	4.80	1.31	3.75	100.00	100.00
10.Oil, fats etc.	11	8	71	8	1.04	0.72	5.48	0.57	15.49	100.00
11.Woodpulp.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
4. Foodgrain (Cereals and Pulses)	10	22	17	22	0.95	1.99	1.31	1.55	58.82	100.00
13.Fertiliser & FRM	4	0	4	0	0.38	0.00	0.31	0.00	100.00	-
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	15	11	21	11	1.42	1.00	1.62	0.78	71.43	100.00
17.Others	600	337	647	337	56.93	30.50	49.96	23.82	92.74	100.00
a) Soda Ash	63	0	63	0	5.98	0.00	4.86	0.00	100.00	-
b) Waste Paper	0	0	0	0	0.00	0.00	0.00	0.00	-	-
c) Miscellaneous	537	337	584	337	50.95	30.50	45.10	23.82	91.95	100.00
18. All Commodities	937	980	1178	1290	88.90	88.69	90.97	91.17	79.54	75.97
19. Tare Weight	117	125	117	125	11.10	11.31	9.03	8.83	100.00	100.00
20. Transshipment incl tare wt.	0.00	0	0.00	0	0.00	0.00	0.00	0.00	-	-
<b>Grand Total</b>	<b>1054</b>	<b>1105</b>	<b>1295</b>	<b>1415</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>81.39</b>	<b>78.09</b>

Table 2.1.7  
(Contd...)

**Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports -Port-wise 2008-09 & 2009-10**

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							
	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
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	1	0	0.00	0.00	0.57	0.00	0.00	-
11.Drugs and Medicines.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
12.Dyes and Colours.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
13.Oil seeds,fats etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
14.Chemicals	0	0	0	0	0.00	0.00	0.00	0.00	-	-
15.Dry Fruits	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16.Jute & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
17.Leaner & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
18.Others	34	48	175	82	100.00	92.31	99.43	100.00	19.43	58.54
a).Iron & Steel	0	0	112	0	0.00	0.00	63.64	0.00	0.00	-
b).Al.Ingot	0	0	0	0	0.00	0.00	0.00	0.00	-	-
c). Miscellaneous	34	48	63	82	100.00	92.31	35.80	100.00	53.97	58.54
19. All Commodities	34	48	176	82	100.00	92.31	100.00	100.00	19.32	58.54
20. Tare Weight	0	4	0	0	0.00	7.69	0.00	0.00	-	-
21. Transhipment incl tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
<b>Grand Total</b>	<b>34</b>	<b>52</b>	<b>176</b>	<b>82</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>19.32</b>	<b>63.41</b>

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

**Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2008-09 & 2009-10**

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		2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
	2008-09	2009-10	2008-09	2009-10						
1	2	3	4	5	6	7	8	9	10	11
<b>PORT : PARADIP</b>										
<b>UNLOADED</b>										
1. Iron & Steel	0	0	53	136	-	-	27.75	97.84	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	133	0	-	-	69.63	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	0	0	5	3	-	-	2.62	2.16	0.00	0.00
a)Care Cargo	0	0	0	0	-	-	0.00	0.00	-	-
b) Edible Oil	0	0	0	0	-	-	0.00	0.00	-	-
c) Miscellaneous	0	0	5	3	-	-	2.62	2.16	0.00	0.00
18. All Commodities	0	0	191	139	-	-	100.00	100.00	0.00	0.00
19. Tare Weight	0	0	0	0	-	-	0.00	0.00	0.00	-
20. Transhipment incl.tare wt.	0	0	0	0	-	-	0.00	0.00	0.00	-
<b>Grand Total</b>	<b>0</b>	<b>0</b>	<b>191</b>	<b>139</b>	<b>-</b>	<b>-</b>	<b>100.00</b>	<b>100.00</b>	<b>0.00</b>	<b>-</b>

Table 2.1.7  
(Contd...)

**Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports -Port-wise 2008-09 & 2009-10**

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							
	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
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	...	...	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)	...	...	32	94	...	...	1.74	6.48	...	...
5. Marine products	...	...	0	0	...	...	0.00	0.00	...	...
6. Fodder	...	...	0	0	...	...	0.00	0.00	...	...
7. Fruits & Vegetables.	...	...	0	0	...	...	0.00	0.00	...	...
8. Spices	...	...	0	0	...	...	0.00	0.00	...	...
9. Hosiery, Harberdasherry and Millinary.	...	...	0	0	...	...	0.00	0.00	...	...
10. Machinery,Instruments Transport equipments.	...	...	0	0	...	...	0.00	0.00	...	...
11.Drugs and Medicines.	...	...	0	0	...	...	0.00	0.00	...	...
12.Dyes and Colours.	...	...	0	0	...	...	0.00	0.00	...	...
13.Oil seeds,fats etc.	...	...	0	0	...	...	0.00	0.00	...	...
14.Chemicals	...	...	0	0	...	...	0.00	0.00	...	...
15.Dry Fruits	...	...	0	0	...	...	0.00	0.00	...	...
16.Jute & its Products	...	...	0	0	...	...	0.00	0.00	...	...
17.Leaner & its Products	...	...	0	0	...	...	0.00	0.00	...	...
18.Others	...	...	1812	1243	...	...	98.26	85.72	...	...
a) Cement	...	...	15	45	...	...	0.81	3.10	...	...
b) Sugar	...	...	4	0	...	...	0.22	0.00	...	...
c) Granite	...	...	148	153	...	...	8.03	10.55	...	...
d) Miscellaneous	...	...	1645	1045	...	...	89.21	72.07	...	...
20. All Commodities	625	771	1844	1337	84.80	87.22	100.00	92.21	33.89	57.67
21. Tare Weight	112	113	-	113	15.20	12.78	0.00	7.79	-	100.00
22. Transshipment incl.tare wt.	-	-	-	-	-	0.00	-	0.00	-	-
<b>Grand Total</b>	<b>737</b>	<b>884</b>	<b>1844</b>	<b>1450</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>39.97</b>	<b>60.97</b>

Note : For Visakhapatnam port commodity-wise break up of Container Cargo for 2007-08 & 2008-09 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 - 2008-09 & 2009-10**

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		2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
	2008-09	2009-10	2008-09	2009-10						
1	2	3	4	5	6	7	8	9	10	11
<b>PORT : VISAKHAPATNAM</b>										
<b>UNLOADED</b>										
1. Iron & Steel	...	...	88	67	...	...	8.12	4.97	...	...
2. Metal & Metal Products.	...	...	0	0	...	...	0.00	0.00	...	...
3. Chemicals	...	...	0	0	...	...	0.00	0.00	...	...
4. Paper, Newsprints etc.	...	...	0	0	...	...	0.00	0.00	...	...
5. Plastic & its products	...	...	0	0	...	...	0.00	0.00	...	...
6. Machinery/Instrument and Transport equipments.	...	...	0	0	...	...	0.00	0.00	...	...
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	...	...	0	0	...	...	0.00	0.00	...	...
8. Hair and wool	...	...	0	0	...	...	0.00	0.00	...	...
9. Rubber and its products.	...	...	0	0	...	...	0.00	0.00	...	...
10.Oil, fats etc.	...	...	0	0	...	...	0.00	0.00	...	...
11.Woodpulp.	...	...	0	0	...	...	0.00	0.00	...	...
4. Foodgrain (Cereals and Pulses)	...	...	144	95	...	...	13.28	7.05	...	...
13.Fertiliser & FRM	...	...	0	0	...	...	0.00	0.00	...	...
14.Industrial Alcohol & Spirits (Non-potable)	...	...	0	0	...	...	0.00	0.00	...	...
15.Drugs & Medicines	...	...	0	0	...	...	0.00	0.00	...	...
16.Timber & Log	...	...	161	170	...	...	14.85	12.62	...	...
17.Others	...	...	604	913	...	...	55.72	67.78	...	...
a) Carbon Materials	...	...	6	0	...	...	0.55	0.00	...	...
b) Miscellaneous	...	...	598	913	...	0.00	55.17	67.78	...	...
19. All Commodities	542	692	997	1245	86.86	87.15	91.97	92.43	54.36	55.58
20. Tare Weight	82	102	82	102	13.14	12.85	7.56	7.57	100.00	100.00
21. Transhipment incl. tare wt.	-	-	5	0	-	0.00	0.46	0.00	0.00	-
<b>Grand Total</b>	<b>624</b>	<b>794</b>	<b>1084</b>	<b>1347</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>57.56</b>	<b>58.95</b>

Note : For Visakhapatnam port commodity-wise break up of Container Cargo for 2007-08 & 2008-09 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 2008-09 & 2009-10**

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							
	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
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. Leather & its Products	...	...	...	...	...	...	...	...	...	...
18. Others	...	...	...	...	...	...	...	...	...	...
a). Minerals	...	...	...	...	...	...	...	...	...	...
b). Granite	...	...	...	...	...	...	...	...	...	...
c). Iron & Steel	...	...	...	...	...	...	...	...	...	...
d). Miscellaneous	...	...	...	...	...	...	...	...	...	...
20. All Commodities	9964	11410	11454	12506	100.00	100.00	100.00	100.00	0.80	0.80
21. Tare Weight	-	...	-	-	-	-	-	-	-	-
22. Transhipment incl. tare wt.	-	...	-	-	-	-	-	-	-	-
<b>Grand Total</b>	<b>9964</b>	<b>11410</b>	<b>11454</b>	<b>12506</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>86.99</b>	<b>91.24</b>

Note: For Chennai port commodity-wise break up of Container and General Cargo for 2007-08 & 2008-09 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 - 2008-09 & 2009-10**

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		2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
	2008-09	2009-10	2008-09	2009-10						
1	2	3	4	5	6	7	8	9	10	11
<i>PORT : CHENNAI</i>										
<b>UNLOADED</b>										
1. Iron & Steel	...	...	...	...	...	...	...	...	...	...
2. Metal & Metal Products.	...	...	...	...	...	...	...	...	...	...
3. Chemicals	...	...	...	...	...	...	...	...	...	...
4. Paper, Newsprints etc.	...	...	...	...	...	...	...	...	...	...
5. Plastic & its products	...	...	...	...	...	...	...	...	...	...
6. Machinery/Instrument and Transport equipments.	...	...	...	...	...	...	...	...	...	...
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	...	...	...	...	...	...	...	...	...	...
8. Hair and wool	...	...	...	...	...	...	...	...	...	...
9. Rubber and its products.	...	...	...	...	...	...	...	...	...	...
10.Oil, fats etc.	...	...	...	...	...	...	...	...	...	...
11.Woodpulp.	...	...	...	...	...	...	...	...	...	...
4. Foodgrain (Cereals and Pulses)	...	...	...	...	...	...	...	...	...	...
13.Fertiliser & FRM	...	...	...	...	...	...	...	...	...	...
14.Industrial Alcohol & Spirits (Non-potable)	...	...	...	...	...	...	...	...	...	...
15.Drugs & Medicines	...	...	...	...	...	...	...	...	...	...
16.Timber & Log	...	...	...	...	...	...	...	...	...	...
17.Others	...	...	...	...	...	...	...	...	...	...
a) Non ferrous Metals	...	...	...	...	...	...	...	...	...	...
b). Waste Paper	...	...	...	...	...	...	...	...	...	...
c) Hides & Shines	...	...	...	...	...	...	...	...	...	...
d) Miscellaneous	...	...	...	...	...	...	...	...	...	...
19. All Commodities	10617	12058	11547	13533	100.00	99.93	100.00	99.52	91.95	89.10
20. Tare Weight	-	-	-	-	-	0.00	-	0.00	-	-
21. Transshipment incl. tare wt.	-	-	-	-	-	0.00	-	0.00	-	-
	<b>10617</b>	<b>12067</b>	<b>11547</b>	<b>13598</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>91.95</b>	<b>88.74</b>

Note: For Chennai port commodity-wise break up of Container and General Cargo for 2007-08 & 2008-09 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 2008-09 & 2009-10**

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							
	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
1	2	3	4	5	6	7	8	9	10	11
<i>PORT : TUTICORIN</i>										
LOADED										
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)	...	...	195	150	...	...	4.31	3.58	...	-
5. Marine products	...	...	0	0	...	...	0.00	0.00	...	...
6. Fodder	...	...	0	0	...	...	0.00	0.00	...	...
7. Fruits & Vegetables.	...	...	0	0	...	...	0.00	0.00	...	...
8. Spices	...	...	0	0	...	...	0.00	0.00	...	...
9. Hosiery, Harberdasherry and Millinary.	...	...	0	0	...	...	0.00	0.00	...	...
10. Machinery,Instruments Transport equipments.	...	...	5	18	...	...	0.11	0.43	...	...
11.Drugs and Medicines.	...	...	0	0	...	...	0.00	0.00	...	...
12.Dyes and Colours.	...	...	0	0	...	...	0.00	0.00	...	...
13.Oil seeds,fats etc.	...	...	0	0	...	...	0.00	0.00	...	...
14.Chemicals	...	...	308	182	...	...	6.80	4.35	...	...
15.Dry Fruits	...	...	0	0	...	...	0.00	0.00	...	...
16.Jute & its Products	...	...	0	0	...	...	0.00	0.00	...	...
17.Leaner & its Products	...	...	0	0	...	...	0.00	0.00	...	...
18.Others	...	...	3577	3397	...	...	79.01	81.15	...	...
20. All Commodities	2372	2957	4085	3747	84.50	87.07	90.24	89.51	58.07	78.92
21. Tare Weight	435	439	435	439	15.50	12.93	9.61	10.49	100.00	100.00
22. Transshipment incl. tare wt.	0.00	0.00	7	0.00	0.00	0.00	0.15	0.00	0.00	-
<b>Grand Total</b>	<b>2807</b>	<b>3396</b>	<b>4527</b>	<b>4186</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>62.01</b>	<b>81.13</b>

Note : For Tuticorin port commodity-wise break up of Container Cargo for 2007-08 & 2008-09 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 - 2008-09 & 2009-10**

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		2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
	2008-09	2009-10	2008-09	2009-10						
1	2	3	4	5	6	7	8	9	10	11
<i>PORT : TUTICORIN</i>										
<b>UNLOADED</b>										
1. Iron & Steel	...	...	0	0	...	...	0.00	0.00	...	...
2. Metal & Metal Products.	...	...	0	0	...	...	0.00	0.00	...	...
3. Chemicals	...	...	0	0	...	...	0.00	0.00	...	...
4. Paper, Newsprints etc.	...	...	0	0	...	...	0.00	0.00	...	...
5. Plastic & its products	...	...	0	0	...	...	0.00	0.00	...	...
6. Machinery/Instrument and Transport equipments.	...	...	13	10	...	...	0.35	0.22	...	...
7. Textiles(Cotton,Silk,Synthetic)Yarn etc.	...	...	0	0	...	...	0.00	0.00	...	...
8. Hair and wool	...	...	0	0	...	...	0.00	0.00	...	...
9. Rubber and its products.	...	...	0	0	...	...	0.00	0.00	...	...
10.Oil, fats etc.	...	...	198	225	...	...	5.32	4.98	...	...
11.Woodpulp.	...	...	0	0	...	...	0.00	0.00	...	...
12. Foodgrain (Cereals and Pulses)	...	...	191	0	...	...	5.13	0.00	...	...
13.Fertiliser & FRM	...	...	1823	2081	...	...	48.98	46.03	...	...
14.Industrial Alcohol & Spirits (Non-potable)	...	...	0	0	...	...	0.00	0.00	...	...
15.Drugs & Medicines	...	...	0	0	...	...	0.00	0.00	...	...
16.Timber & Log	...	...	401	526	...	...	10.77	11.63	...	...
17.Others	...	...	96	0	...	...	2.58	0.00	...	...
19. All Commodities	2260	2788	2722	4106	84.49	87.04	73.13	90.82	83.03	67.90
20. Tare Weight	415	415	415	415	15.51	12.96	11.15	9.18	100.00	100.00
21. Transshipment incl. tare wt.	0.00	0	585	0	0	0.00	-	0.00	...	...
<b>Grand Total</b>	<b>2675</b>	<b>3203</b>	<b>3722</b>	<b>4521</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>71.87</b>	<b>70.85</b>

Note : For Tuticorin port commodity-wise break up of Container Cargo for 2007-08 & 2008-09 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 2008-09 & 2009-10**

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							
	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
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.	0	1	0	1	0.00	0.05	0.00	0.05	-	100.00
2. Metal & Metal products	8	0	10	0	0.58	0.00	0.72	0.00	80.00	-
3. Tea & Coffee	132	12	132	12	9.54	0.61	9.51	0.61	100.00	100.00
4. Foodgrain (Cereals and Pulses)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
5. Marine products	90	130	90	130	6.51	6.63	6.48	6.63	100.00	100.00
6. Fodder	0	0	0	0	0.00	0.00	0.00	0.00	-	-
7. Fruits & Vegetables.	0	1	0	1	0.00	0.05	0.00	0.05	-	100.00
8. Spices	22	67	22	67	1.59	3.42	1.59	3.42	100.00	100.00
9. Hosiery, Harberdasherry and Millinary.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
10. Machinery,Instruments Transport equipments.	12	33	12	33	0.87	1.68	0.86	1.68	100.00	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	61	2	61	2	4.41	0.10	4.39	0.10	100.00	100.00
15. Dry Fruits	0	54	0	54	0.00	2.76	0.00	2.76	-	100.00
16. Jute & its Products	10	0	10	0	0.72	0.00	0.72	0.00	100.00	-
17. Leather & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
18. Others	760	1278	763	1278	54.95	65.20	54.97	65.20	99.61	100.00
a) Rubber	101	70	101	70	7.30	3.57	7.28	3.57	100.00	100.00
b). Coir Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
c). Iron & Steel	0	3	1	3	0.00	0.15	0.07	0.15	0.00	100.00
d). Mineral Sand	0	0	0	0	0.00	0.00	0.00	0.00	-	-
e). Miscellaneous	659	1205	661	1205	47.65	61.48	47.62	61.48	99.70	100.00
19. All Commodities	1095	1578	1100	1578	79.18	80.51	79.25	80.51	99.55	100.00
20. Tare Weight	286	305	286	305	20.68	15.56	20.61	15.56	100.00	100.00
21 Transhipment Incl. Tare Wt.	2	77	2	77	0.14	3.93	0.14	3.93	100.00	100.00
<b>Grand Total</b>	<b>1383</b>	<b>1960</b>	<b>1388</b>	<b>1960</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>99.64</b>	<b>100.00</b>

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

**Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2008-09 & 2009-10**

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		2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
	2008-09	2009-10	2008-09	2009-10						
1	2	3	4	5	6	7	8	9	10	11
<i>PORT : COCHIN</i>										
<b>UNLOADED</b>										
1. Iron & Steel	23	5	23	14	1.08	0.25	0.98	0.67	100.00	35.71
2. Metal & Metal Products.	163	0	163	0	7.62	0.00	6.92	0.00	100.00	-
3. Chemicals	61	25	61	25	2.85	1.27	2.59	1.19	100.00	100.00
4. Paper, Newsprints etc.	81	85	81	85	3.79	4.32	3.44	4.05	100.00	100.00
5. Plastic & its products	0	3	0	3	0.00	0.15	0.00	0.14	-	100.00
6. Machinery/Instrument and Transport equipments.	5	12	5	12	0.23	0.61	0.21	0.57	100.00	100.00
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	18	7	18	7	0.84	0.36	0.76	0.33	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.	30	43	30	43	1.40	2.18	1.27	2.05	100.00	100.00
10.Oil, fats etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
11.Woodpulp.	0	1	0	1	0.00	0.05	0.00	0.05	-	100.00
12. Foodgrain (Cereals and Pulses)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
13.Fertiliser & FRM	0	0	0	0	0.00	0.00	0.00	0.00	-	-
14.Industrial Alcohol & Spirits (Non-potable)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
15.Drugs & Medicines	0	2	0	2	0.00	0.10	0.00	0.10	-	100.00
16.Timber & Log	0	0	51	77	0.00	0.00	2.16	3.67	0.00	0.00
17.Others	1505	1402	1672	1444	70.36	71.20	70.94	68.86	90.01	97.09
a) Cement	0	0	0	0	0.00	0.00	0.00	0.00	-	-
b) Cashew	315	287	315	287	14.73	14.58	13.36	13.69	100.00	100.00
c). Cement Clinker	0	0	0	21	0.00	0.00	0.00	1.00	-	0.00
d) Miscellaneous	1190	1115	1357	1136	55.63	56.63	57.57	54.17	87.69	98.15
18. All Commodities	1886	1585	2104	1713	88.17	80.50	89.27	81.69	89.64	92.53
19. Tare Weight	251	308	251	308	11.73	15.64	10.65	14.69	100.00	100.00
20 Transhipment incl. Tare Wt.	2	76	2	76	0.09	3.86	0.08	3.62	100.00	100.00
<b>Grand Total</b>	<b>2139</b>	<b>1969</b>	<b>2357</b>	<b>2097</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>90.75</b>	<b>93.90</b>

Table 2.1.7  
(Contd...)

**Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports -Port-wise 2008-09 & 2009-10**

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		2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
	2008-09	2009-10	2008-09	2009-10						
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	5	5	5	5	2.69	2.07	1.97	1.68	100.00	100.00
3. Tea & Coffee	58	71	58	71	31.18	29.46	22.83	23.91	100.00	100.00
4. Foodgrain (Cereals and Pulses)	1	0	1	0	0.54	0.00	0.39	0.00	-	-
5. Marine products	26	35	26	35	13.98	14.52	10.24	11.78	100.00	100.00
6. Fodder	11	31	11	31	5.91	12.86	4.33	10.44	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.	1	1	42	39	0.54	0.41	16.54	13.13	2.38	2.56
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.	2	0	2	0	1.08	0.00	0.79	0.00	100.00	-
14. Chemicals	3	4	3	4	1.61	1.66	1.18	1.35	100.00	100.00
15. Dry Fruits	13	8	13	8	6.99	3.32	5.12	2.69	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	35	52	62	70	18.82	21.58	24.41	23.57	56.45	74.29
a) Granite Stones	2	0	29	0	1.08	0.00	11.42	0.00	6.90	-
b) Sugar	1	0	1	0	0.54	0.00	0.39	0.00	100.00	-
c). Miscellaneous	32	52	32	70	17.20	21.58	12.60	23.57	100.00	74.29
19. All Commodities	155	207	223	263	83.33	85.89	87.80	88.55	69.51	78.71
20. Tare Weight	31	34	31	34	16.67	14.11	12.20	11.45	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>186</b>	<b>241</b>	<b>254</b>	<b>297</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>73.23</b>	<b>81.14</b>

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

**Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2008-09 & 2009-10**

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		2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
	2008-09	2009-10	2008-09	2009-10						
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	4	3	4	3	1.83	1.28	1.03	0.40	100.00	100.00
4. Paper, Newsprints etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
5. Plastic & its products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
6. Machinery/Instrument and Transport equipments.	7	4	11	22	3.21	1.71	2.82	2.94	63.64	18.18
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)	5	3	5	3	2.29	1.28	1.28	0.40	100.00	100.00
13.Fertiliser & FRM	16	0	16	0	7.34	0.00	4.10	0.00	100.00	-
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	34	14	151	185	15.60	5.98	38.72	24.70	22.52	7.57
17.Others	120	175	171	501	55.05	74.79	43.85	66.89	70.18	34.93
a) Cashew	95	130	95	130	43.58	55.56	11.87	17.36	100.00	100.00
b) Cement	0	0	0	0	0.00	0.00	0.00	0.00	-	-
c) Miscellaneous	25	45	76	371	11.47	19.23	19.49	49.53	32.89	12.13
18. All Commodities	186	199	358	714	85.32	85.04	91.79	95.33	51.96	27.87
19. Tare Weight	32	35	32	35	14.68	14.96	8.21	4.67	100.00	100.00
20 . Transshipmentincl. tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
<b>Grand Total</b>	<b>218</b>	<b>234</b>	<b>390</b>	<b>749</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>55.90</b>	<b>31.24</b>

Table 2.1.7  
(Contd...)

**Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports -Port-wise 2008-09 & 2009-10**

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							
	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
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	8	7	8	7	9.20	7.87	1.93	1.55	100.00	100.00
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.	7	2	7	2	8.05	2.25	1.69	0.44	100.00	100.00
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	4	0	4	0.00	4.49	0.00	0.89	-	100.00
15.Dry Fruits	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16.Jute & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
17.Leaner & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
18.Others	57	58	385	420	65.52	65.17	92.77	93.13	14.81	13.81
a) Frozen Fish	22	0	22	0	25.29	0.00	5.30	0.00	-	-
b) Alumina	0	0	33	0	0.00	0.00	7.95	0.00	0.00	-
c) H. R. Coils	0	0	141	0	0.00	0.00	33.98	0.00	0.00	-
d). Miscellaneous	35	58	189	420	40.23	65.17	45.54	93.13	18.52	13.81
19. All Commodities	72	71	400	433	82.76	79.78	96.39	96.01	18.00	16.40
20. Tare Weight	15	18	15	18	17.24	20.22	3.61	3.99	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>87</b>	<b>89</b>	<b>415</b>	<b>451</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>20.96</b>	<b>19.73</b>

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

**Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2008-09 & 2009-10**

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		2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
	2008-09	2009-10	2008-09	2009-10						
1	2	3	4	5	6	7	8	9	10	11
<i>PORT : MORMUGAO</i>										
UNLOADED										
1. Iron & Steel	0	0	1	2	0.00	0.00	1.09	1.06	0.00	0.00
2. Metal & Metal Products.	3	0	3	0	3.30	0.00	3.26	0.00	100.00	-
3. Chemicals	1	0	1	0	1.10	0.00	1.09	0.00	100.00	-
4. Paper, Newsprints etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
5. Plastic & its products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
6. Machinery/Instrument and Transport equipments.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
8. Hair and wool	0	0	0	0	0.00	0.00	0.00	0.00	-	-
9. Rubber and its products.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
10.Oil, fats etc.	1	0	1	0	1.10	0.00	1.09	0.00	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	0.00	0.00	0.00	0.00	-	-
13.Fertiliser & FRM	0	0	0	0	0.00	0.00	0.00	0.00	-	-
14.Industrial Alcohol & Spirits (Non-potable)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
15.Drugs & Medicines	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16.Timber & Log	0	0	0	0	0.00	0.00	0.00	0.00	-	-
17.Others	70	120	70	167	76.92	85.71	76.09	88.36	100.00	71.86
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) Miscellaneous	70	120	70	167	76.92	85.71	76.09	88.36	100.00	71.86
18. All Commodities	75	120	76	169	82.42	85.71	82.61	89.42	98.68	71.01
19. Tare Weight	16	20	16	20	17.58	14.29	17.39	10.58	100.00	100.00
20. Transshipment incl. tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
<b>Grand Total</b>	<b>91</b>	<b>140</b>	<b>92</b>	<b>189</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>98.91</b>	<b>74.07</b>

Table 2.1.7  
(Contd...)

**Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports -Port-wise 2008-09 & 2009-10**

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							
	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
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.	...	...	0	...	...	...	...	...	...	...
2. Metal & Metal products	...	...	0	...	...	...	...	...	...	...
3. Tea & Coffee	...	...	0	...	...	...	...	...	...	...
4. Foodgrain (Cereals and Pulses)	...	...	0	...	...	...	...	...	...	...
5. Marine products	...	...	0	...	...	...	...	...	...	...
6. Fodder	...	...	0	...	...	...	...	...	...	...
7. Fruits & Vegetables.	...	...	0	...	...	...	...	...	...	...
8. Spices	...	...	0	...	...	...	...	...	...	...
9. Hosiery, Harberdasherry and Millinary.	...	...	0	...	...	...	...	...	...	...
10. Machinery,Instruments Transport equipments.	...	...	0	...	...	...	...	...	...	...
11.Drugs and Medicines.	...	...	0	...	...	...	...	...	...	...
12.Dyes and Colours.	...	...	0	...	...	...	...	...	...	...
13.Oil seeds,fats etc.	...	...	0	...	...	...	...	...	...	...
14.Chemicals	...	...	2	...	...	...	...	...	...	...
15.Dry Fruits	...	...	0	...	...	...	...	...	...	...
16.Jute & its Products	...	...	0	...	...	...	...	...	...	...
17.Leaner & its Products	...	...	0	...	...	...	...	...	...	...
18. Others	20961	19814	20918	19817	80	80.52	80.07	80.52	...	...
20. All Commodities	20961	19814	20920	19817	80.10	80.52	80.07	80.52	100.20	99.98
21. Tare Weight	3949	4012	3949	4012	15.09	16.30	15.12	16.30	100.00	100.00
22. Transshipment incl. tare wt.	1257	783	1257	783	4.80	3.18	4.81	3.18	100.00	100.00
<b>Grand Total</b>	<b>26167</b>	<b>24609</b>	<b>26126</b>	<b>24612</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.16</b>	<b>99.99</b>

Note: For J.L.Nehru port commodity-wise break up of Container Cargo for 2007-08 & 2008-09 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 - 2008-09 & 2009-10**

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		2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
	2008-09	2009-10	2008-09	2009-10						
1	2	3	4	5	6	7	8	9	10	11
<i>PORT : J. L. NEHRU</i>										
<b>UNLOADED</b>										
1. Iron & Steel	...	...	0	...	...	0.00	0.00	...	...	...
2. Metal & Metal Products.	...	...	0	...	...	0.00	0.00	...	...	...
3. Chemicals	...	...	504	...	...	0.00	2.06	...	...	...
4. Paper, Newsprints etc.	...	...	0	...	...	0.00	0.00	...	...	...
5. Plastic & its products	...	...	0	...	...	0.00	0.00	...	...	...
6. Machinery/Instrument and Transport equipments.	...	...	0	...	...	0.00	0.00	...	...	...
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	...	...	0	...	...	0.00	0.00	...	...	...
8. Hair and wool	...	...	0	...	...	0.00	0.00	...	...	...
9. Rubber and its products.	...	...	0	...	...	0.00	0.00	...	...	...
10.Oil, fats etc.	...	...	762	...	...	0.00	3.12	...	...	...
11.Woodpulp.	...	...	0	...	...	0.00	0.00	...	...	...
4. Foodgrain (Cereals and Pulses)	...	...	0	...	...	0.00	0.00	...	...	...
13.Fertiliser & FRM	...	...	0	...	...	0.00	0.00	...	...	...
14.Industrial Alcohol & Spirits (Non-potable)	...	...	0	...	...	0.00	0.00	...	...	...
15.Drugs & Medicines	...	...	0	...	...	0.00	0.00	...	...	...
16.Timber & Log	...	...	0	...	...	0.00	0.00	...	...	...
17. Others	19106	22814	17846	22831	78.19	80.09	73.02	80.10	...	...
19. All Commodities	19106	22814	19112	22831	78.19	80.09	78.20	80.10	99.97	99.93
20. Tare Weight	4262	4100	4262	4100	17.44	14.39	17.44	14.38	100.00	100.00
21. Transhipment incl tare wt.	1067	1573	1067	1573	4.37	5.52	4.37	5.52	100.00	100.00
<b>Grand Total</b>	<b>24435</b>	<b>28487</b>	<b>24441</b>	<b>28504</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>99.98</b>	<b>99.94</b>

Note: For J.L.Nehru port commodity-wise break up of Container Cargo for 2007-08 & 2008-09 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 2008-09 & 2009-10**

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							
	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
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.	27	...	27	...	2.19	0.00	0.94	0.00	100.00	...
2. Metal & Metal products	19	...	19	...	1.54	0.00	0.66	0.00	100.00	...
3. Tea & Coffee	0	...	0	...	0.00	0.00	0.00	0.00	-	...
4. Foodgrain (Cereals and Pulses)	59	...	1088	...	4.79	0.00	37.92	0.00	5.42	...
5. Marine products	62	...	62	...	5.03	0.00	2.16	0.00	100.00	...
6. Fodder	179	...	179	...	14.52	0.00	6.24	0.00	100.00	...
7. Fruits & Vegetables.	33	...	33	...	2.68	0.00	1.15	0.00	100.00	...
8. Spices	0	...	0	...	0.00	0.00	0.00	0.00	-	...
9. Hosiery, Harberdasherry and Millinary.	59	...	59	...	4.79	0.00	2.06	0.00	100.00	...
10. Machinery,Instruments Transport equipments.	66	...	66	...	5.35	0.00	2.30	0.00	100.00	...
11. Drugs and Medicines.	33	...	33	...	2.68	0.00	1.15	0.00	100.00	...
12. Dyes and Colours.	0	...	0	...	0.00	0.00	0.00	0.00	-	...
13. Oil seeds,fats etc.	0	...	189	...	0.00	0.00	6.59	0.00	0.00	...
14. Chemicals	204	...	601	...	16.55	0.00	20.95	0.00	33.94	...
15. Dry Fruits	0	...	0	...	0.00	0.00	0.00	0.00	-	...
16. Jute & its Products	0	...	0	...	0.00	0.00	0.00	0.00	-	...
17. Leather & its Products	17	...	17	...	1.38	0.00	0.59	0.00	100.00	...
18. Others	358	...	379	2302	29.03	0.00	13.21	99.96	94.46	0.00
a) Ores	0	...	0	...	0.00	0.00	0.00	0.00	-	...
b) Salt	5	...	5	...	0.41	0.00	0.17	0.00	100.00	...
c). Iron & Steel	3	...	11	...	0.24	0.00	0.38	0.00	27.27	...
d). Miscellaneous	350	0	363	2302	28.39	0.00	12.65	99.96	96.42	0.00
19. All Commodities	1116	1436	2752	2302	90.51	99.93	95.92	99.96	40.55	62.38
20. Tare Weight	117	1	117	1	9.49	0.07	4.08	0.04	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>1233</b>	<b>1437</b>	<b>2869</b>	<b>2303</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>42.98</b>	<b>62.40</b>

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

**Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2008-09 & 2009-10**

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		2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
	2008-09	2009-10	2008-09	2009-10						
1	2	3	4	5	6	7	8	9	10	11
<b>PORT : KANDLA</b>										
<b>UNLOADED</b>										
1. Iron & Steel	169	...	1207	...	18.72	0.00	26.04	0.00	14.00	...
2. Metal & Metal Products.	23	...	23	...	2.55	0.00	0.50	0.00	100.00	...
3. Chemicals	20	...	20	...	2.21	0.00	0.43	0.00	100.00	...
4. Paper, Newsprints etc.	95	...	95	...	10.52	0.00	2.05	0.00	100.00	...
5. Plastic & its products	10	...	10	...	1.11	0.00	0.22	0.00	100.00	...
6. Machinery/Instrument and Transport equipments.	41	...	205	...	4.54	0.00	4.42	0.00	20.00	...
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	8	...	8	...	0.89	0.00	0.17	0.00	100.00	...
8. Hair and wool	0	...	0	...	0.00	0.00	0.00	0.00	-	...
9. Rubber and its products.	0	...	0	...	0.00	0.00	0.00	0.00	-	...
10.Oil, fats etc.	15	...	15	...	1.66	0.00	0.32	0.00	100.00	...
11.Woodpulp.	0	...	0	...	0.00	0.00	0.00	0.00	-	...
4. Foodgrain (Cereals and Pulses)	0	...	393	...	0.00	0.00	8.48	0.00	0.00	...
13.Fertiliser & FRM	0	...	0	...	0.00	0.00	0.00	0.00	-	...
14.Industrial Alcohol & Spirits (Non-potable)	0	...	0	...	0.00	0.00	0.00	0.00	-	...
15.Drugs & Medicines	0	...	0	...	0.00	0.00	0.00	0.00	-	...
16.Timber & Log	184	...	2070	...	20.38	0.00	44.66	0.00	8.89	...
17.Others	173	...	424	...	19.16	0.00	9.15	0.00	40.80	...
a). Mislleneous	173	...	424	...	19.16	0.00	9.15	0.00	40.80	...
18. All Commodities	738	...	4470	...	81.73	0.00	96.44	0.00	16.51	...
19. Tare Weight	165	2	165	2	18.27	0.20	3.56	0.03	100.00	...
20. Transhipment incl.tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	...
<b>Grand Total</b>	<b>903</b>	<b>995</b>	<b>4635</b>	<b>6917</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>19.48</b>	<b>14.38</b>

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

**Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports -Port-wise 2008-09 & 2009-10**

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		2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
	2008-09	2009-10	2008-09	2009-10						
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	4	2	768	339	0.56	3.45	33.22	29.20	0.52	0.59
3. Tea & Coffee	0	0	0	0	0.00	0.00	0.00	0.00	-	-
4. Foodgrain (Cereals and Pulses)	0	0	29	15	0.00	0.00	1.25	1.29	0.00	0.00
5. Marine products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
6. Fodder	0	4	46	4	0.00	6.90	1.99	0.34	0.00	100.00
7. Fruits & Vegetables.	0	14	30	14	0.00	24.14	1.30	1.21	0.00	100.00
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	1	2	277	0.28	1.72	0.09	23.86	100.00	0.36
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	5	2	14	19	0.69	3.45	0.61	1.64	35.71	10.53
15.Dry Fruits	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16.Jute & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
17.Leanther & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
18.Others	546	16	1260	474	75.83	27.59	54.50	40.83	43.33	3.38
a) Instrument	0	0	2	0	0.00	0.00	0.09	0.00	0.00	-
b) Paint etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
c) Iron & Steel	1	0	70	323	0.14	0.00	3.03	27.82	1.43	0.00
d) Sugar	2	0	492	0	0.28	0.00	21.28	0.00	0.41	-
e) Miscellaneous	543	16	696	151	75.42	27.59	30.10	13.01	78.02	10.60
19. All Commodities	557	39	2149	1142	77.36	67.24	92.95	98.36	25.92	3.42
20. Tare Weight	163	19	163	19	22.64	32.76	7.05	1.64	-	100.00
21. Transhipment incl.tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
<b>Grand Total</b>	<b>720</b>	<b>58</b>	<b>2312</b>	<b>1161</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>31.14</b>	<b>5.00</b>

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

**Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2008-09 & 2009-10**

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		2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
	2008-09	2009-10	2008-09	2009-10						
1	2	3	4	5	6	7	8	9	10	11
<b>PORT : MUMBAI</b>										
<b>UNLOADED</b>										
1. Iron & Steel	31	20	914	1600	5.43	3.64	9.15	12.22	3.39	1.25
2. Metal & Metal Products.	87	51	1112	2317	15.24	9.29	11.14	17.69	7.82	2.20
3. Chemicals	12	6	21	22	2.10	1.09	0.21	0.17	57.14	27.27
4. Paper, Newsprints etc.	9	4	18	6	1.58	0.73	0.18	0.05	50.00	66.67
5. Plastic & its products	14	10	14	13	2.45	1.82	0.14	0.10	100.00	76.92
6. Machinery/Instrument and Transport equipments.	31	28	381	297	5.43	5.10	3.82	2.27	8.14	9.43
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	2	1	2	1	0.35	0.18	0.02	0.01	100.00	100.00
8. Hair and wool	0		0		0.00	0.00	0.00	0.00	-	-
9. Rubber and its products.	7	3	7	3	1.23	0.55	0.07	0.02	100.00	100.00
10.Oil, fats etc.	0		0		0.00	0.00	0.00	0.00	-	-
11.Woodpulp.	0	2	116	202	0.00	0.36	1.16	1.54	0.00	0.99
4. Foodgrain (Cereals and Pulses)	0	0	450	575	0.00	0.00	4.51	4.39	0.00	0.00
13.Fertiliser & FRM	0		0		0.00	0.00	0.00	0.00	-	-
14.Industrial Alcohol & Spirits (Non-potable)	1	0	1	10	0.18	0.00	0.01	0.08	100.00	0.00
15.Drugs & Medicines	1		1		0.18	0.00	0.01	0.00	100.00	-
16.Timber & Log	2		7		0.35	0.00	0.07	0.00	28.57	-
17.Others	374	332	6942	7958	65.50	60.47	69.52	60.77	5.39	4.17
a) Fruits	0	0	31	21	0.00	0.00	0.31	0.16	0.00	0.00
b) Synthetic Resin	4	1	4	1	0.70	0.18	0.04	0.01	100.00	100.00
c) Miscellaneous	370	331	6907	7936	64.80	60.29	69.17	60.60	5.36	4.17
18. All Commodities	571	457	9986	13004	100.00	83.24	100.00	99.30	5.72	3.51
19. Tare Weight	0	92	0	92	0.00	16.76	0.00	0.70	-	100.00
20.Transshipment incl.tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
<b>Grand Total</b>	<b>571</b>	<b>549</b>	<b>9986</b>	<b>13096</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>5.72</b>	<b>4.19</b>

Source: Major Ports

Table 2.1.8

## Overseas Cargo of Principal Commodities Unloaded by Country - 2009-10

(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			1067	520									1336	2923
Algeria								269						269
Argentina													129	129
Australia									77					77
Benin								121						121
Brunei			76						232					308
CIS (Ex Russia)						133								133
Denmark													152	152
Egypt													542	542
Indonesia				133										133
Iran				2307		237			7117				6666	16327
Iraq			2713			2256		126				1309	4083	10487
Ivory Cost													132	132
Kuwait			523					1115				1357	5444	8439
Liberia			257											257
Libya				136		129								265
Malaysia		863	301	977		169		66					87	2463
Mauritius													248	248
Netherland													1031	1031
Nigeria		624	1562	528				1109	446				7139	11408
Oman													497	497
Pakistan													72	72
Qatar													415	415
Russia		85											365	450
Saudi Arabia		536	453	785					525			4523	1725	8547
Singapore							73		184					257
South Korea									252					252
Sudan									262					262
Syria				80										80
Tunisia							383							383
Turkey			134	134				268				454	267	1257
U.A.E.		929	1581	1940				1042	1600				2273	9365
Ukraine												475		475
Venezuela													670	670
Yemen									175				167	342
Other Countries						5117		1812				4664	95	11688
<b>Total</b>	<b>0</b>	<b>3037</b>	<b>8667</b>	<b>7540</b>	<b>0</b>	<b>8497</b>	<b>0</b>	<b>5928</b>	<b>10870</b>	<b>0</b>	<b>0</b>	<b>12782</b>	<b>33535</b>	<b>90856</b>

Table 2.1.8 (Contd.)

## Overseas Cargo of Principal Commodities Unloaded by Country - 2009-10

(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-PRODUCT</b>														
Bahrain				15			11	65	5		19		41	156
China						39							30	69
Hong Kong											4			4
Indonesia				40	1						5	109		155
Iran									10				60	70
Iraq		86												86
Japan						6								6
North Korea												587		587
South Korea				17							20		1	38
Kuwait		246		47					128				96	517
Malaysia		355	38	11		45			11		13			473
Netherland											16			16
Norway											3			3
Oman		120	24	17					74				10	245
Pakistan													11	11
Qatar		64						23						87
Russia											3			3
Saudi Arabia		319		512			151		510			384	106	1982
Singapore		256	611	214	25	492	21	314		23	38		204	2198
Taiwan			49	31	4			102					10	196
Thailand								79						79
Tunisia								10						10
U.A.E.		96	17	78			81	67	296	226	21	314	92	1288
USA		21			300						93			414
Other Countries	19	15				45		326	13		33	1101		1552
<b>Total</b>	<b>19</b>	<b>1578</b>	<b>739</b>	<b>982</b>	<b>330</b>	<b>627</b>	<b>264</b>	<b>986</b>	<b>1047</b>	<b>249</b>	<b>268</b>	<b>2495</b>	<b>661</b>	<b>10245</b>

Table 2.1.8 (Contd.)

## Overseas Cargo of Principal Commodities Unloaded by Country - 2009-10

(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>FERTILIZER</b>														
Albania							61							
Baharain								60	24					84
Belarus							66							66
Brazil													22	22
Canada		155		399		4	20							578
China		13	17	631		31	86		33				86	897
CIS (Ex. Russia)						126								126
Egypt				18					30					48
Estonia													36	36
Ethopia				14										14
Germany				42			45		64				87	238
Indonesia			40											40
Iran													171	171
Israel				26			74		37				393	530
Jordan		10		43			69	36	226	125			312	821
Kuwait							26						8	34
Latvia													30	30
Lithuania				12			159						151	322
Malaysia				55			35							90
Mexico				29										29
Morocco				37			31		65				142	275
Oman				348			221		152				639	1360
Qatar				57					52				51	160
Romania													51	51
Russia				446					110				1017	1573
Saudi Arabia			24	61			28							113
Singapore				13										13
South Korea				22										22
Thailand													50	50
Tunisia				49									94	143
Turkey									27					27
U.A.E.				25									92	117
Ukraine				320			230						406	956
United Kingdom						22								22
USA				262			70	24					1074	1430
Other Countries						174	61	15				201		451
<b>Total</b>	<b>0</b>	<b>178</b>	<b>81</b>	<b>2909</b>	<b>0</b>	<b>357</b>	<b>1221</b>	<b>135</b>	<b>820</b>	<b>125</b>	<b>0</b>	<b>201</b>	<b>4912</b>	<b>10939</b>

Table 2.1.8 (Contd.)

## Overseas Cargo of Principal Commodities Unloaded by Country - 2009-10

(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>FRM-DRY</b>														
Algeria		32		82			24							138
Antigua			25											25
Bahrain				29									53	82
Belgium						20								20
China			30									45		75
Egypt			62	112			174	14	13			73	360	808
Iran			50	14		19	35						15	133
Israel				123			50						46	219
Italy						9								9
Jordan		47	1387	24			478						124	2060
Kuwait		9	23	82				45					23	182
Morocco			829					36						865
Nauru							36							36
Qatar		29	33	39			9	17						127
Russia			102									27		129
Saudi Arabia			425	18									19	462
Sri Lanka			17											17
Syria				33										33
Togo				147			54					40	11	252
Tunisia				27										27
U.A.E.			186	45				67					21	319
USA								24						24
Ukraine			26											26
Vietnam			275										5	280
Yemen			16											16
Other Countries	33					206		8				56	111	414
<b>Total</b>	<b>33</b>	<b>117</b>	<b>3486</b>	<b>775</b>	<b>0</b>	<b>254</b>	<b>860</b>	<b>211</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>241</b>	<b>788</b>	<b>6778</b>

Table 2.1.8 (Contd.)

## Overseas Cargo of Principal Commodities Unloaded by Country - 2009-10

(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>FRM-LIQUID</b>														
Australia			57	53										110
Bahrain			10				9	22	8					49
Bangladesh				12										12
Belgium													62	62
Germany			22											22
Indonesia			26	15			5							46
Iran			15	86				16	9				68	194
Israel				16									100	116
Japan			195	50										245
Jordan								22					74	96
Malaysia		32	107	7										146
Mauritius			25											25
Morocco		384	463	15				130	149	448			257	1846
Oman			37										15	52
Qatar			72	29			24	23	56				25	229
Russia													53	53
Saudi Arabia		63	258	30			5		5				62	423
Senegal													570	570
Singapore			11											11
South Africa				107				21	42					170
South Korea			14	10										24
Tunisia				85										85
USA													425	425
U.A.E.			77	72										149
U.K.				9										9
Ukraine			12											12
Other Countries						11		6					17	34
<b>Total</b>	<b>0</b>	<b>479</b>	<b>1401</b>	<b>596</b>	<b>0</b>	<b>11</b>	<b>43</b>	<b>240</b>	<b>269</b>	<b>448</b>	<b>0</b>	<b>0</b>	<b>1728</b>	<b>5215</b>

Table 2.1.8 (Contd.)

## Overseas Cargo of Principal Commodities Unloaded by Country - 2009-10

(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												23		23
Canada												520		520
Japan		10												10
Myanmar												18		18
Vietnam				94										94
<b>Total</b>	0	10	0	94	0	0	0	0	0	0	0	561	0	665
<b>IRON &amp; STEEL</b>														
Australia													13	13
Bangladesh	1	4												5
Brazil												184	182	366
Belgium		16				23								39
China		42		12		47						650	86	837
CIS(Ex. Russia)	8					48								56
Egypt													16	16
France													69	69
Germany						4							15	19
Indonesia						2								2
Iran													24	24
Italy							5						14	19
Japan	72						111						198	381
North Korea		20											191	211
South Korea		38		4								269	61	372
Malaysia				2		12								14
Myanmar						2								2
Netherland													20	20
Panama				29										29
Romania						6							19	25
Russia												377	165	542
Singapore							21							21
Saudi Arabia													41	41
Spain										2			9	11
Sri Lanka						4								4
Swedon													5	5
Taiwan		28											9	37
Turkey													18	18
U.A.E.													10	10
Ukraine		18		20								555	54	647
USA						1							59	60
Other Countries	55		4			236		15				1369		1679
<b>Total</b>	136	166	4	67	0	522	0	15	0	2	0	3404	1278	5594

Table 2.1.8 (Contd.)

## Overseas Cargo of Principal Commodities Unloaded by Country - 2009-10

(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>EDIBLE OIL</b>														
Argentina		184	9			13			3		127		213	549
Brazil		40	16								21		92	169
China						3								3
CIS (Ex Russia)						228								228
France													32	32
Indonesia		520	13			557	150		432		351	336	62	2421
Macedonia							3							3
Malaysia		22				252	72		117		168	58	17	706
Qatar													11	11
Romania													27	27
Russia													4	4
Singapore						27								27
Saudi Arabia		9									3			12
Sydney													5	5
Thailand			11											11
Ukraine			23		10				35		102		14	184
UAE			111						3				42	156
USA											71		99	170
Other Countries	542										4	24		570
<b>Total</b>	<b>542</b>	<b>920</b>	<b>38</b>	<b>0</b>	<b>10</b>	<b>1080</b>	<b>225</b>	<b>0</b>	<b>590</b>	<b>0</b>	<b>847</b>	<b>418</b>	<b>618</b>	<b>5288</b>
<b>COAL (COKING)</b>														
Australia		5003	4595	6199		886			1027	2865			735	21310
Canada						380								380
China		47												47
CIS (Ex Russia)						94								94
Egypt			22											22
Indonesia		97	82	18		36			795				137	1165
Japan						119								119
New Zealand		452	164	467										1083
Poland						59								59
Russia									51					51
Singapore			31											31
South Africa									912	689			14	1615
Ukraine			22											22
USA		460		752		165				205			43	1625
Vietnam			79						6					85
Other Countries	8					51								59
<b>Total</b>	<b>8</b>	<b>6059</b>	<b>4995</b>	<b>7436</b>	<b>0</b>	<b>1790</b>	<b>0</b>	<b>0</b>	<b>2791</b>	<b>3759</b>	<b>0</b>	<b>0</b>	<b>929</b>	<b>27767</b>

**Table 2.1.8 (Contd.)****Overseas Cargo of Principal Commodities Unloaded by Country - 2009-10****(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>COAL (THERMAL)</b>														
Australia			441										166	607
Indonesia			3723		890		1095	5		379		62	1020	7174
Phillipines			53										55	108
Russia			26											26
South Africa			680	55				51		574		3711	569	5640
Thailand			45											45
USA													440	440
UAE													46	46
Ukraine			24											24
Other Countries								92				42		134
<b>Total</b>	0	0	4992	55	890	0	1095	148	0	953	0	3815	2296	14244

Table 2.1.8 (Contd.)

## Overseas Cargo of Principal Commodities Unloaded by Country - 2009-10

(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 / PELLETS</b>														
Bahrain													67	67
Brazil				36										36
China			18											18
Finland													46	46
Qatar													25	25
Russia				55									44	99
Ukraine													227	227
Vietnam													33	33
<b>Total</b>	0	0	18	91	0	0	0	0	0	0	0	0	442	551
<b>OTHER ORES</b>														
Australia		211	46	49			316							622
Canada							11							11
Chile							397							397
China				1		7								8
Egypt		16												16
Gabon			72											72
Indonesia							238							238
Iran							29							29
Japan	9	11												20
Oman													5	5
Peru							11							11
South Africa		63	102	202			160							527
Thailand							11							11
Turkey							10							10
USA		21												21
Other Countries	137		779									106		1022
<b>Total</b>	146	322	999	252	0	7	1183	0	0	0	0	106	5	3020

Table 2.1.9

## Overseas Cargo of Principal Commodities Loaded by Country ( Port-wise) - 2009-10

(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-PRODUCT</b>														
Belgium								8						8
China						33			31				198	262
Egypt													63	63
France									34		36			70
Guyan								30						30
Indonesia				93							36		221	350
Japan						46		30	419		71		231	797
Kenya													35	35
North Korea								178			37		66	281
South Korea				333					215		72		210	830
Liberia												31		31
Malaysia		15		150									33	198
Maldives								8	9					17
Malta				31					38					69
Mauritius									1036					1036
Namibia												216		216
Oman		19							99				100	218
Pakistan								30						30
Qatar									76					76
Saudi Arabia									125				41	166
Singapore		81		546		391		188	1287		63	392	1194	4142
Slovenia								210						210
Taiwan				89					31		72		353	545
Tanzania													34	34
U.A.E.		3		62				55	466		294		1932	2812
USA						89					36		16	141
Yemen									324				208	532
Other Countries	40					222		45			16	2086	56	2465
<b>Total</b>	<b>40</b>	<b>118</b>	<b>0</b>	<b>1304</b>	<b>0</b>	<b>781</b>	<b>0</b>	<b>782</b>	<b>4190</b>	<b>0</b>	<b>733</b>	<b>2725</b>	<b>4991</b>	<b>15664</b>

Table 2.1.9 (Contd.)

## Overseas Cargo of Principal Commodities Loaded by Country ( Port-wise) - 2009-10

(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>															
Canada				74											74
France				20											20
Iran									13					139	152
Italy														4	4
Kuwait														63	63
Malaysia								112	15						127
Maldives								19							19
Mozambique														3	3
Oman									14						14
Saudi Arabia														377	377
Somalia													7		7
Sudan													8	20	28
Taiwan									22						22
U.A.E.									11					23	34
Vietnam								19	86						105
Other Countries													2	3	5
<b>Total</b>		0	0	0	94	0	0	150	0	161	0	0	17	632	1054

Table 2.1.9 Contd.

## Overseas Cargo of Principal Commodities Loaded by Country ( Port-wise) - 2009-10

(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>														
Bangladesh				11		50						55		116
Belgium												104		104
China			32	5		8								45
Indonesia				55										55
Iran			8											8
Italy												43		43
Japan				31										31
Kuwait													1	1
Malaysia				26						47			15	88
Maldives							1							1
Myanmar										8				8
Philippines				8						82				90
Qatar				6										6
Saudi Arabia				5									2	7
Singapore				5										5
Sri Lanka		12	15	15		11								53
Sudan				4										4
Taiwan				6										6
Thailand			6	54										60
U.A.E.				14									1	15
United Kingdom			1	4										5
USA			15							37		151		203
Vietnam				25										25
Other Countries		58										270		328
<b>Total</b>	<b>70</b>	<b>77</b>	<b>0</b>	<b>274</b>	<b>0</b>	<b>69</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>174</b>	<b>0</b>	<b>623</b>	<b>19</b>	<b>1307</b>

Table 2.1.9 Contd.

## Overseas Cargo of Principal Commodities Loaded by Country ( Port-wise) - 2009-10

(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>														
China	252	7678	16111	8315	936	7868	41		5686	36224				83111
Italy										13				13
Japan				1903		11				2481				4395
Kuwait										52				52
South Korea				138						460				598
Netherlands										316				316
Pakistan										41				41
Phillipines				138										138
Romania										162				162
Saudi Arabia										41				41
U.A.E.										85				85
United Kingdom										161				161
Vietnam									22					22
Other Countries						148			51					199
<b>Total</b>	<b>252</b>	<b>7678</b>	<b>16111</b>	<b>10494</b>	<b>936</b>	<b>8027</b>	<b>41</b>	<b>0</b>	<b>5759</b>	<b>40036</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>89334</b>

Table 2.1.9 (Contd.)

## Overseas Cargo of Principal Commodities Loaded by Country ( Port-wise) - 2009-10

(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>														
Brazil						33								33
China			488	105		113	52						243	1001
Indonesia													16	16
Iraq						6								6
Italy													12	12
Japan			30			25	30							85
Kuwait										52			15	67
Poland							31							31
Singapore				27		6								33
Spain													11	11
South Korea			21											21
Maldives							50							50
Malaysia				9									84	93
Mexico						99								99
Netherlands							63						4	67
Saudi Arabia										53				53
South Africa													9	9
USA						44								44
Other Countries			98			515								613
<b>Total</b>	0	0	637	141	0	841	226	0	0	105	0	0	394	2344

**Table 2.1.10****Tare Weight of Containers handled At Major Ports**

(000'Tonnes)

Port	Container Cargo			Tare Weight			Container Traffic		
	2007-08	2008-09	2009-10	2007-08	2008-09	2009-10	2007-08	2008-09	2009-10
1	2	3	4	5	6	7	8	9	10
Kandla	2268	1854	2110	348	282	322	2616	2136	2432
Mumbai	1391	1099	496	242	192	111	1633	1291	607
J.L.Nehru	46214	42228	44664	5709	8374	8432	51923	50602	53096
Mormugao	135	147	192	31	31	37	166	178	229
N.Mangalore	272	342	405	47	62	70	319	404	475
Cochin	2633	2952	3288	550	570	641	3183	3522	3929
Tuticorin	4590	4631	5743	1040	851	856	5630	5482	6599
Chennai	15585	18115	20820	2465	2466	2657	18050	20581	23477
Visakhapatnam	975	1167	1462	158	194	216	1133	1361	1678
Paradip	54	31	44	4	3	8	58	34	52
Haldia Dock Complex	2130	2107	1829	267	266	239	2397	2373	2068
Kolkata Dock System	4488	4815	5814	651	661	831	5139	5476	6645
<b>Total</b>	<b>80735</b>	<b>79488</b>	<b>86867</b>	<b>11512</b>	<b>13952</b>	<b>14420</b>	<b>92247</b>	<b>93440</b>	<b>101287</b>

Source: Major Ports

**Table 2.1.11 Reefer Container Traffic at Major Ports - 2008-09 & 2009-10**

Port	Year	Export				Import			
		20 ft Containers		40 ft Containers		20 ft Containers		40 ft Containers	
		TEUs	Tonnes	TEUs	Tonnes	TEUs	Tonnes	TEUs	Tonnes
1	2	3	4	5	6	7	8	9	10
Kolkata Dock System	2008-09	669	50148	1400	101520	283	6681	329	8942
	2009-10	711	14975	1324	30533	880	12102	1245	13457
Haldia Dock Complex	2008-09	-	-	-	-	36	630	14	158
	2009-10	-	-	-	-	16	317	-	-
Paradip	2008-09	-	-	-	-	-	-	-	-
	2009-10	-	-	-	-	-	-	-	-
Visakhapatnam	2008-09	606	13590	3322	46261	605	1392	3306	7668
	2009-10	576	12574	2930	40897	403	949	2756	6410
Chennai	2008-09	1044	18792	5632	101376	1127	20286	4862	87516
	2009-10	1054	...	8416	...	1261	...	7098	...
Tuticorin	2008-09	656	8200	6618	82725	678	8475	6870	85875
	2009-10	663	9945	6884	103260	540	8100	6560	98400
Cochin	2008-09	9912	140172	-	-	10277	146366	-	-
	2009-10	741	136757	8522	118503	629	2160	9104	26310
New Mangalore	2008-09	43	843	1832	29151	37	120	1810	3996
	2009-10	36	723	2348	39496	131	392	2150	4799
Mormugao	2008-09	12	72	1716	25319	7	54	1688	6984
	2009-10	53	140	2434	35835	54	628	2430	11621
J.L.Nehru	2008-09	2649	8077(a)	55893	279339(a)	1635	52999(a)	34069	49420(a)
	2009-10	7437	105677	109028	2203399	1910(b)	28213(b)	20702(b)	253230(b)
Mumbai	2008-09	-	-	-	-	8	116	30	255
	2009-10	-	-	-	-	1	11	44	469
Kandla	2008-09	7	40	54	651	12	112	26	145
	2009-10	13	151	54	652	8	64	56	633
Total	2008-09	15598	231857	76467	387003	14705	184232	53004	201539
	2009-10	11284	280942	141940	2572575	3923	24723	31443	162099

( a) For JNPCT only. ( b) Includes transhipment

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 - 2008-09 & 2009-10**

Port/Year	Container Cargo*			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>									
2008-09	1233	903	2136	2869	4635	7504	43.0	19.5	28.5
2009-10	1437	995	2432	2303	6917	9220	62.4	14.4	26.4
<b>MUMBAI</b>									
2008-09	720	571	1291	2312	9986	12298	31.1	5.7	10.5
2009-10	58	549	607	1161	13096	14257	5.0	4.2	4.3
<b>J. L. NEHRU</b>									
2008-09	26167	24435	50602	26126	24441	50567	100.2	100.0	100.1
2009-10	24609	28487	53096	24612	28504	53116	100.0	99.9	100.0
<b>MORMUGAO</b>									
2008-09	87	91	178	415	92	507	21.0	98.9	35.1
2009-10	89	140	229	451	189	640	19.7	74.1	35.8
<b>NEW MANGALORE</b>									
2008-09	186	218	404	254	390	644	73.2	55.9	62.7
2009-10	241	234	475	297	749	1046	81.1	31.2	45.4
<b>COCHIN</b>									
2008-09	1383	2139	3522	1388	2357	3745	99.6	90.8	94.0
2009-10	1960	1969	3929	1960	2097	4057	100.0	93.9	96.8
<b>TUTICORIN</b>									
2008-09	2807	2675	5482	4527	3722	8249	62.0	71.9	66.5
2009-10	3396	3203	6599	4186	4521	8707	81.1	70.8	75.8
<b>CHENNAI</b>									
2008-09	9964	10617	20581	11454	11547	23001	87.0	91.9	89.5
2009-10	11410	12067	23477	12506	13598	26104	91.2	88.7	89.9
<b>VISAKHAPATNAM</b>									
2008-09	737	624	1361	1844	1084	2928	40.0	57.6	46.5
2009-10	884	794	1678	1450	1347	2797	61.0	58.9	60.0
<b>PARADIP</b>									
2008-09	34	0	34	176	191	367	19.3	0.0	9.3
2009-10	52	0	52	82	139	221	63.4	0.0	23.5
<b>KOLKATA DOCK SYSTEM</b>									
2008-09	2307	3169	5476	2980	4505	7485	77.4	70.3	73.2
2009-10	2534	4111	6645	3407	6562	9969	74.4	62.6	66.7
<b>HALDIA DOCK COMPLEX</b>									
2008-09	1319	1054	2373	1521	1295	2816	86.7	81.4	84.3
2009-10	963	1105	2068	1042	1415	2457	92.4	78.1	84.2
<b>TOTAL</b>									
2008-09	46944	46496	93440	55866	64245	120111	84.0	72.4	77.8
2009-10	47633	53654	101287	53457	79134	132591	89.1	67.8	76.4

Note: Containers were not handled at Ennore  
Source: Major Ports

\* Includes tare weight also

**Table 2.1.13****Inland Container Movement At Major Ports - 2008-09 & 2009-10**

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	2008-09	3432	...	133339	2114202(b)	14162	...	145915	2917617	296848	5031819
	2009-10	3972	...	3690	...	16759	...	783	...	25204	...
Haldia Dock Complex	2008-09	2234	27445	69414	1185112	1420	12250	54776	1131642	127844	2356449
	2009-10	3129	45003	62646	1012160	2067	38035	60645	970674	128487	2065872
Paradip	2008-09	...	...	...	...	...	...	...	...	...	...
	2009-10	...	...	...	...	...	...	...	...	...	...
Visakhapatnam	2008-09	259	6632	42307	718726	1	25	42166	604145	84733	1329528
	2009-10	242	1699	41611	885657	1507	34877	39351	763399	82711	1685632
Chennai	2008-09	29968	...	513749	...	45588	...	533916	...	1123221	0
	2009-10	26633	...	561128	...	27576	...	592095	...	1207432	0
Tuticorin	2008-09	1718	3465	222840	2803512	450	900	213540	2673975	438548	5481852
	2009-10	160	2400	226251	3393765	160	2400	213377	3200655	439948	6599220
New Mangalore	2008-09	-	-	14072	185869	-	-	14483	218106	28555	403975
	2009-10	-	-	15712	241275	-	-	15744	233574	31456	474849
Cochin	2008-09	2722	...	8972	...	672	...	1977	...	14343	0
	2009-10	1802	...	7233	...	385	...	2058	...	11478	0
Mormugao	2008-09	-	-	8865	61580	-	-	9486	72559	18351	134139
	2009-10	-	-	3325	59461	-	-	7928	90671	11253	150132
J.L.Nehru(a)	2008-09	92780	1891162	282990	5179542	84684	1604783	282033	4205129	742487	12880616
	2009-10	298626	6756605	650366	10099953	278512	5603089	646047	13220744	1873551	35680391
Mumbai	2008-09	1461	19804	3431	42411	-	-	205542	153890	210434	216105
	2009-10	342	1575	1248	5211	-	-	21501	132005	23091	138791
Kandla	2008-09	-	-	15621	292815	19455	94405	-	-	35076	387220
	2009-10	-	-	12745	241962	-	-	14254	168694	26999	410656
Total	2008-09	134574	1948508	1315600	10469567	166432	1712363	1503834	11977063	3120440	26107501
	2009-10	334906	6807282	1585955	15939444	326966	5678401	1613783	18780416	3861610	47205543

(a) Relates to JNPCT &amp; (b) Excludes tonnage of 3122 containers.

Note:-Containers are not handled at Ennore Port.

Source: Major Ports

Table 2.1.14

**Inland Container Depot Movement of Containers at Major Ports -  
2008-09 & 2009-10**

PORT	2008-09				2009-10			
	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	6554	14162	20716	302169	7662	17542	25204	377510
Haldia Dock Complex	-	128	128	127248	1324	4	1328	124112
Paradip	-	-	-	2366	-	-	-	3526
Visakhapatnam	259	1	260	88124	242	1507	1749	97560
Chennai	68788	47560	116348	1133809	27519	27933	55452	1207994
Tuticorin	11763	8796	20559	438548	2852	1930	4782	439948
Cochin	8419	691	9110	260784	6651	386	7037	289560
New Mangalore	-	-	-	28555	-	-	0	31456
Mormugao	-	-	-	14227	-	-	0	17296
J.L.Nehru	493502(a)	263883(a)	757385(a)	3952770	298626	278512	577138	4175845
Mumbai	1688	10	1698	92492	342	3	345	58098
Kandla	2	2	4	137169	0	0	0	146772
<b>All Ports</b>	<b>590975</b>	<b>335233</b>	<b>926208</b>	<b>6578261</b>	<b>345218</b>	<b>327817</b>	<b>673035</b>	<b>6969677</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 -2008-09 & 2009-10**

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>						
2008-09	1813	4512	6627	2890	5610	21366*
2009-10	1757	4788	7100	2847	5625	22047*
<b>2. Av. pre-berthing waiting time(days)</b>						
2008-09	2.31	2.56	1.49	1.91	0.66	1.63
2009-10	3.43	4.00	1.61	2.50	0.60	2.17
<b>3. Av. turn round time (days)</b>						
2008-09	4.22	6.96	3.24	6.48	1.92	4.20
2009-10	5.43	8.39	3.21	6.70	1.88	4.63
<b>4. Percentage of idle time at berth to time at working berth</b>						
2008-09	32.2	19.9	26.5	30.5	15.0	22.9
2009-10	24.6	21.2	25.0	30.0	17.1	23.1
<b>5. Av. Output per ship berth day (tonnes)</b>						
2008-09	18104	6518	17430	1647	15223	9669
2009-10	17044	5985	16445	1724	16272	9215

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 -2008-09 & 2009-10**

Item	Kolkata Dock/_1	Haldia Dock	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>														
2008-09	1057	2399	1536	2347	250	2078	1524	757	1184	805	2981	1931	2517	21366
2009-10	1301	2166	1531	2406	273	2132	1414	872	1186	895	3049	2046	2776	22047
<b>2. Av. pre-berthing waiting time(days)</b>														
2008-09	0.66	3.38	2.32	1.28	0.27	1.39	1.09	0.70	0.65	1.77	0.95	1.41	2.62	1.63
2009-10	1.32	4.50	6.30	1.90	0.37	1.35	1.36	0.85	0.81	3.46	0.98	1.06	2.60	2.17
<b>3. Av. turn round time (days)</b>														
2008-09	5.10	4.21	4.78	3.93	2.35	4.15	3.64	2.14	3.00	5.95	1.90	4.95	7.26	4.20
2009-10	6.83	5.01	9.04	4.78	2.11	4.04	3.90	2.08	3.06	8.91	2.01	4.61	5.03	4.63
<b>4. Percentage of Idle time at berth to time at working berth</b>														
2008-09	39.4	29.8	26.1	21.7	17.5	25.3	29.7	24.6	16.4	13.4	9.1	17.6	20.2	22.9
2009-10	39.8	28.8	28.6	20.4	24.5	26.7	27.8	22.1	19.3	17.1	10.7	17.7	18.3	23.1
<b>5. Av. Output per ship berth day (tonnes)</b>														
2008-09	3027	7732	12635	11171	28424	10778	5817	10599	13645	6290	20344	5717	13107	9669
2009-10	1917	6243	13853	10484	21665	11428	6934	11089	13896	5002	21563	6122	13549	9215

/\_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 -2008-09 & 2009-10**

Port	Type of Vessel											
	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (Conv.)		Liquid Bulk		All Types	
	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
1	3	3	5	3	7	3	9	3	11	3	13	13
Kolkata Dock System	526	579	254(a)	400(a)	-	-	42	65	240	264	1057	1301
Haldia Dock Complex	512	432	82	68	313	309	518	551	1046	859	2399(c )	2166(c )
Paradip	9	11	58	40	491	454	739	700	239	326	1536	1531
Visakhapatnam	251	206	271	210	272	255	890	1020	663	715	2347	2406
Ennore	-	-	-	-	174	173	21	22	55	78	250	273
Chennai	710	703	486	489	100	115	341	331	441	494	2078	2132
Tuticorin	451	455	460	333	149	140	292	311	172	175	1524	1414
Cochin	335	389	61	44	14	20	39	39	308	380	757	872
New Mangalore	69	77	72	74	42	51	362	302	639	682	1184	1186
Mormugao	36	38	8	8	258(b)	240(d)	342(b)	435(d)	170	184	805	895
J.L.Nehru	2478	2470	18	12	-	-	57	66	428	501	2981	3049
Mumbai	12	10	672	732	-	-	233	283	1014	1021	1931	2046
Kandla	221	255	448	437	-	-	636	663	1212	1421	2517	2776
<b>All Ports</b>	<b>5610</b>	<b>5625</b>	<b>2890</b>	<b>2847</b>	<b>1813</b>	<b>1757</b>	<b>4512</b>	<b>4788</b>	<b>6627</b>	<b>7100</b>	<b>21366</b>	<b>22047</b>

(a) 5 & 7 vessels carried Break Bulk Cargo in Import leg & Dry Bulk Cargo in Export leg are counted once in total in 2008-09 & 2009-10 respectively.

(b) 9 vessels double counted for dry bulk mech./ dry bulk conv. are counted only once in the total.

(c) 72 & 53 vessels carried different cargo in export leg & import leg and are counted once in 2008-09 & 2009-10 respectively.

(d) 10 vessels double counted for dry bulk mech./ dry bulk conv. are counted only once in the total.

Note: The figures pertain to only Ships which left after Cargo operations. Ro-Ro vessels and LASHs are included in Break-Bulk

Source: Major Ports

**Table 2.1.18****Average Pre-berthing Detention By Type of Vessels - 2008-09 & 2009-10****( In Days )**

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
1	2	3	4	5	6	7	8	9	10	11	12	13
Kolkata Dock System	0.41	0.56	0.76	2.00	-	-	0.79	4.77	1.05	1.05	0.66	1.32
Haldia Dock Complex	0.90	1.13	6.44	12.32	4.43	4.55	6.25	9.40	2.39	2.13	3.38	4.50
Paradip	0.43	0.96	4.32	10.35	1.79	3.70	3.04	9.94	0.76	1.79	2.32	6.30
Visakhapatnam	0.14	0.11	1.62	2.88	1.58	2.43	1.56	2.38	1.08	1.25	1.28	1.90
Ennore	-	-	-	-	0.27	0.54	...	-	...	0.11	0.27	0.37
Chennai	0.57	0.48	1.36	1.27	3.17	2.55	2.43	2.07	1.53	1.90	1.39	1.35
Tuticorin	0.44	0.56	1.46	2.43	1.11	0.91	1.52	1.90	1.03	0.81	1.09	1.36
Cochin	0.88	0.89	0.36	0.78	0.47	1.17	0.77	0.27	0.57	0.86	0.70	0.85
New Mangalore	0.08	0.14	0.38	0.69	0.37	0.64	0.65	1.18	0.76	0.74	0.65	0.81
Mormugao	0.06	0.19	1.09	1.52	3.62	7.32	1.18	2.66	0.44	0.87	1.77	3.46
J.L.Nehru	0.79	0.57	1.96	0.43	-	-	2.02	2.37	1.73	2.87	0.95	0.98
Mumbai	0.51	0.70	0.85	0.88	-	-	0.12	0.26	2.09	1.42	1.41	1.06
Kandla	0.57	0.56	4.72	5.25	-	-	4.02	1.86	1.48	2.03	2.62	2.60
<b>All Ports</b>	<b>0.66</b>	<b>0.60</b>	<b>1.91</b>	<b>2.50</b>	<b>2.31</b>	<b>3.43</b>	<b>2.56</b>	<b>4.00</b>	<b>1.49</b>	<b>1.61</b>	<b>1.63</b>	<b>2.17</b>

Source: Major Ports

**Table 2.1.19****Average Turn Round Time - By Type Of Vessels -2008-09 & 2009-10**

(In Days)

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
1	2	3	4	5	6	7	8	9	10	11	12	13
Kolkata Dock System	3.86	4.55	7.55	10.35	-	-	10.01	16.67	4.26	3.91	5.10	6.83
Haldia Dock Complex	2.47	2.56	7.12	9.75	5.05	5.15	8.54	9.88	2.15	2.38	4.21	5.01
Paradip	1.63	2.51	8.87	15.57	3.61	5.67	6.15	13.62	2.03	3.32	4.78	9.04
Visakhapatnam	0.73	0.83	5.54	7.48	3.86	4.87	5.30	6.35	2.66	2.85	3.93	4.78
Ennore	-	-	-	-	2.35	2.95	-	-	-	0.86	2.35	2.11
Chennai	2.03	1.74	4.99	4.66	5.69	5.16	7.57	7.42	3.67	4.19	4.15	4.04
Tuticorin	1.20	1.38	4.23	5.74	4.71	4.22	5.76	5.80	3.90	3.34	3.64	3.90
Cochin	1.37	1.45	4.50	5.77	7.30	5.57	6.34	4.95	1.74	1.82	2.14	2.08
New Mangalore	1.64	1.58	3.85	3.92	2.85	2.69	4.09	4.77	2.45	2.40	3.00	3.06
Mormugao	1.68	1.92	6.89	7.23	6.76	11.23	7.77	10.97	1.60	2.07	5.95	8.91
J.L.Nehru	1.62	1.45	2.93	2.44	-	-	5.26	6.19	3.06	4.23	1.90	2.01
Mumbai	2.59	2.85	5.80	4.21	-	-	8.63	9.55	3.58	3.54	4.95	4.61
Kandla	2.66	1.71	11.82	9.57	-	-	9.46	5.79	5.25	3.87	7.26	5.03
<b>All Ports</b>	<b>1.92</b>	<b>1.88</b>	<b>6.48</b>	<b>6.70</b>	<b>4.22</b>	<b>5.43</b>	<b>6.96</b>	<b>8.39</b>	<b>3.24</b>	<b>3.21</b>	<b>4.20</b>	<b>4.63</b>

Source: Major Ports

**Table 2.1.20****Percentage Of Idle Time At Working Berth To Time At Working Berth - By Type Of Vessels - 2008-09 & 2009-10**

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
1	2	3	4	5	6	7	8	9	10	11	12	13
Kolkata Dock System	31.8	29.9	58.7	41.5	-	-	45.4	48.1	53.7	46.5	39.4	39.8
Haldia Dock Complex	28.9	27.9	21.6	23.0	32.0	26.7	25.8	27.1	38.6	36.0	29.8	28.8
Paradip	32.7	24.4	24.1	24.0	62.5	37.6	25.8	31.3	-	-	26.1	28.6
Visakhapatnam	26.9	21.2	19.0	16.6	38.2	45.0	18.8	17.7	23.8	20.9	21.7	20.4
Ennore	...	-	-	-	17.5	27.8	-	-	-	0.0	17.5	24.5
Chennai	0.0	14.7	39.3	38.2	38.3	41.4	26.9	30.3	19.3	22.0	25.3	26.7
Tuticorin	4.8	2.7	40.0	39.7	20.4	16.2	33.4	30.9	20.8	21.8	29.7	27.8
Cochin	10.0	10.0	40.0	33.3	30.0	30.0	13.0	22.6	26.0	26.0	24.6	22.1
New Mangalore	16.8	18.3	18.2	23.6	12.5	18.7	16.8	20.9	15.9	16.8	16.4	19.3
Mormugao	6.2	5.9	11.9	9.0	10.8	8.4	13.1	18.8	31.7	31.0	13.4	17.1
J.L.Nehru	6.6	7.7	28.7	9.7	-	-	5.4	8.4	19.4	20.6	9.1	10.7
Mumbai	15.4	35.9	22.1	27.6	-	-	3.8	4.9	25.2	24.6	17.6	17.7
Kandla	46.2	33.4	13.0	10.9	-	-	16.5	15.2	25.7	24.1	20.2	18.3
<b>All Ports</b>	<b>15.0</b>	<b>17.1</b>	<b>30.5</b>	<b>30.0</b>	<b>32.2</b>	<b>24.6</b>	<b>19.9</b>	<b>21.2</b>	<b>26.5</b>	<b>25.0</b>	<b>22.9</b>	<b>23.1</b>

Source: Major Ports

**Table 2.1.21****Average Output Per Ship Berthday - By Type Of Vessels - 2008-09 & 2009-10****( Tonnes )**

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
1	2	3	4	5	6	7	8	9	10	11	12	13
Kolkata Dock System	4620	4521	715	2124	-	-	1078	1218	6993	2404	3027	1917
Haldia Dock Complex	3523	3520	1221	1167	9794	9376	5408	4913	14987	10217	7732	6243
Paradip	3046	2696	1234	839	23176	23237	9557	9195	-	-	12635	13853
Visakhapatnam	10402	12400	1437	1176	29137	25753	8241	8266	21072	18526	11171	10484
Ennore	-	-	-	-	28424	23394		936227	-	9006	28424	21665
Chennai	22700	27836	1516	1731	31163	25967	8099	8010	15624	13851	10778	11428
Tuticorin	16887	18601	1445	1186	11187	12630	5780	7480	3412	3706	5817	6934
Cochin	8630	8290	513	587	2811	2878	3500	3803	23251	21003	10599	11089
New Mangalore	3900	4479	1055	1074	14308	18057	10278	10063	21577	21024	13645	13896
Mormugao	2675	2905	1657	2499	24752	13279	3731	3057	7769	7950	6290	5002
J.L.Nehru	24525	27577	1029	875	-	-	4412	4165	10544	10605	20344	21563
Mumbai	3255	3233	1801	2559	-	-	4657	4001	12815	13513	5717	6122
Kandla	9875	9200	3224	3493	-	-	7893	9812	25046	23971	13107	13549
<b>All Ports</b>	<b>15223</b>	<b>16272</b>	<b>1647</b>	<b>1724</b>	<b>18104</b>	<b>17044</b>	<b>6518</b>	<b>5985</b>	<b>17430</b>	<b>16445</b>	<b>9669</b>	<b>9215</b>

Source: Major Ports

Table 2.1.22

## Commodity-wise Average Pre-Berthing Detention - 2008-09 &amp; 2009-10

(In Days)

Port --->	Year	Kolkata Dock System\$	Haldia Dock Complex	Paradip	Visakh-apatnam	Ennore	Chennai	Tuticorin	Cochin	New Mangalore	Mormu-go	J L Nehru	Mumbai	Kandla	
Commodity	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL(Crude)	2009-10	-	1.75	5.62	0.90	-	2.02	-	1.38	0.93	-	2.27	2.70	1.63	
	2008-09	-	1.67	1.51	0.87	-	1.92	-	0.72	0.83	-	2.05	2.46	1.42	
POL(Product)	2009-10	0.88	2.03	1.28	1.32	-	2.41	0.34	0.88	0.78	0.88	-	0.89	1.85	
	2008-09	0.91	2.69	0.50	1.21	...	1.77	0.30	0.68	0.78	0.37	-	1.25	1.75	
LPG	2009-10	-	1.85	-	2.19	-	(a)	0.14	0.05	0.80	-	-	-	3.09	
	2008-09	-	2.12	-	1.50	...	(a)	0.17	-	0.83	-	-	-	1.49	
Iron Ore	2009-10	1.51	9.97	10.93	2.60	-	2.55	2.00	-	1.17	4.65	-	-	2.48	
	2008-09	0.95	7.24	3.51	1.41	-	3.17	-	-	0.63	2.27	-	-	0.60	
Coking Coal	2009-10	-	2.55	7.06	2.52	-	2.56	3.57	-	1.11	0.24	-	-	2.27	
	2008-09	-	1.13	2.92	2.35	-	4.55	-	-	0.91	0.37	-	-	2.61	
Thermal Coal	2009-10	-	0.49	0.38	1.11	0.54	0.96	0.95	0.24	-	1.99	-	-	2.42	
	2008-09	-	0.66	0.25	0.50	0.27	0.87	1.13	2.05	-	0.46	-	-	2.10	
Fertilisers	2009-10	-	5.40	0.94	3.26	-	1.28	1.60	0.08	0.36	0.22	-	0.30	1.92	
	2008-09	-	2.34	2.11	1.77	-	0.74	0.61	0.61	0.19	0.27	-	-	1.27	
FRM (Dry)	2009-10	0.58	19.74	1.41	2.07	-	2.15	1.59	1.74	1.85	-	-	0.51	3.10	
	2008-09	3.75	9.34	1.30	1.55	-	1.16	1.05	0.43	0.27	-	-	0.51	2.46	
Other Dry Bulk	2009-10	0.78	7.09	9.77	2.27	-	2.47	2.05	0.36	1.24	1.59	2.37	0.71	3.32	
	2008-09	0.34	3.46	3.17	1.54	-	2.71	1.71	0.50	0.58	0.89	2.02	0.31	5.45	
Other Lqd. Bulk	2009-10	1.18	2.41	1.14	1.12	0.11	1.38	1.04	0.22	0.42	0.85	3.08	0.96	2.19	
	2008-09	1.24	3.13	0.95	0.90	-	1.05	1.36	0.12	0.56	0.55	1.25	0.46	1.38	
General Cargo	2009-10	1.13	12.14	10.35	2.88	-	1.27	2.54	0.78	0.69	1.52	0.43	0.88	5.25	
	2008-09	0.62	6.44	4.32	1.62	-	1.36	1.52	0.36	0.38	1.09	1.96	0.85	4.72	
Containers	2009-10	0.56	1.13	0.96	0.00	-	0.48	0.56	0.89	0.14	0.19	0.57	0.70	0.56	
	2008-09	0.41	0.90	0.43	0.14	-	0.57	0.44	0.88	0.08	0.06	0.79	0.51	0.57	
<b>Total</b>	2009-10	1.32	4.50	6.30	1.90	0.37	1.35	1.36	0.85	0.81	3.46	0.98	1.06	2.60	
	2008-09	0.66	3.38	2.32	1.28	0.27	1.39	1.09	0.70	0.65	1.77	0.95	1.41	2.62	

(a) Included in POL Products

Source: Major Ports

Table 2.1.23

## Commodity-wise Average Turn Round Time 2008-09 &amp; 2009-10

(In Days)

Port --->	Year	Kolkata Dock System	Haldia Dock Complex	Paradip	Visakh-apatnam	Ennore	Chennai	Tuti-corin	Cochin	New Mangalore	Mormu-go	J.L.Nehru	Mumbai	Kandla	
Commodity	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL (Crude)	2009-10	-	1.33	9.16	2.37	-	4.58	-	1.57	2.48	-	4.03	4.58	3.41	
	2008-09	10.58	1.30	3.06	2.28	-	4.35	-	1.79	2.40	-	3.27	4.32	3.29	
POL(Product)	2009-10	3.30	1.78	2.30	3.24	-	4.65	1.51	1.81	2.30	2.18	-	3.73	3.75	
	2008-09	3.61	2.09	1.63	2.98	...	3.78	1.49	2.20	2.36	1.63	-	4.06	3.81	
LPG	2009-10	-	1.92	-	3.78	-	-	5.85	3.23	3.56	-	-	-	5.93	
	2008-09	7.38	2.09	-	3.20	-	-	4.85	-	3.43	-	-	-	3.55	
Iron Ore	2009-10	11.18	7.88	13.80	4.99	...	5.16	5.42	-	3.97	11.66	-	5.99	4.89	
	2008-09	6.46	6.96	5.76	3.62	...	5.69	-	-	3.32	7.21	-	4.43	3.04	
Coking Coal	2009-10	-	5.93	11.08	6.91	-	7.94	7.15	-	4.15	4.62	-	9.40	5.01	
	2008-09	-	4.26	6.81	6.19	-	9.40	-	-	4.61	5.54	-	5.50	4.66	
Thermal Coal	2009-10	-	2.64	1.85	3.84	2.95	5.17	4.23	4.54	-	6.69	-	11.43	5.62	
	2008-09	-	2.70	1.67	3.71	2.35	4.93	4.75	7.07	-	4.26	-	10.44	4.89	
Fertilisers	2009-10	-	12.71	5.49	9.28	-	10.91	7.16	7.30	6.31	4.90	-	15.19	5.04	
	2008-09	-	7.85	9.69	6.72	-	75.43	7.06	8.83	7.05	5.64	-	9.58	4.96	
FRM (Dry)	2009-10	8.55	12.24	4.36	7.02	-	7.64	5.37	7.96	3.83	-	-	13.16	5.84	
	2008-09	9.96	10.40	4.04	6.59	-	6.31	4.89	7.23	2.17	-	-	12.20	4.74	
Other Dry Bulk	2009-10	7.43	8.47	13.70	6.56	-	6.52	5.63	4.06	6.02	6.17	6.19	34.01	6.23	
	2008-09	6.42	6.62	6.56	5.27	-	7.87	5.37	4.93	4.66	5.17	5.26	9.67	8.79	
Other Lqd. Bulk	2009-10	4.35	3.44	2.70	2.33	0.86	3.58	3.47	2.10	1.59	1.96	4.32	2.63	4.02	
	2008-09	4.13	3.34	2.33	2.24	...	3.16	4.63	0.73	1.69	1.56	2.58	2.74	3.32	
General Cargo	2009-10	7.78	9.61	15.57	7.48	-	4.66	6.12	5.77	3.92	7.23	2.44	4.21	9.66	
	2008-09	6.44	7.12	8.87	5.55	-	4.98	4.39	4.50	3.85	6.89	2.93	5.80	8.66	
Containers	2009-10	4.55	2.56	2.51	0.83	-	1.74	1.38	1.45	1.58	1.92	1.45	2.85	1.71	
	2008-09	3.86	2.47	1.63	0.73	-	2.03	1.20	1.37	1.64	1.68	1.62	2.59	2.66	
<b>Total</b>	2009-10	6.83	5.01	9.04	4.78	2.11	4.04	3.90	2.08	3.06	8.91	2.01	4.61	5.03	
	2008-09	5.10	4.21	4.78	3.93	2.35	4.15	3.64	2.14	3.00	5.95	1.90	4.95	7.26	

Source: Major Ports

Table 2.1.24

## Commodity-wise Average Non-Working Time at Berth - 2008-09 &amp; 2009-10

(In Days)

Port --->	Year	Kolkata Dock System	Haldia Dock Complex	Paradip	Visakh-apatnam	Ennore	Chennai	Tuti-corin	Cochin	New Mangalore	Mormu-go	J.L.Nehru	Mumbai	Kandla	
Commodity	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL(Crude)	2009-10	-	0.40	...	0.35	-	0.41	-	0.36	0.27	-	0.28	0.31	0.19	
	2008-09	7.75	0.35	...	0.37	...	0.33	-	0.42	0.25	-	0.25	0.43	0.20	
POL(Product)	2009-10	0.78	0.47	...	0.32	-	0.46	0.44	0.52	0.31	0.37	-	0.52	0.42	
	2008-09	1.02	0.45	...	0.36	-	0.38	0.43	0.50	0.31	0.38	-	2.44	0.50	
LPG	2009-10	-	0.32	-	0.21	-	-	0.46	0.19	0.24	-	-	-	0.40	
	2008-09	4.20	0.41	-	0.26	-	-	0.30	-	0.22	-	-	-	0.53	
Iron Ore	2009-10	4.49	0.82	1.22	0.68	...	0.99	1.24	-	0.60	1.21	-	-	0.32	
	2008-09	1.68	0.80	0.73	0.61	...	0.84	-	-	0.50	0.61	-	-	0.22	
Coking Coal	2009-10	-	0.82	0.86	0.71	-	1.55	1.06	-	0.38	0.84	-	-	0.34	
	2008-09	-	0.84	0.84	0.70	-	1.18	-	-	0.43	0.42	-	-	0.27	
Thermal Coal	2009-10	-	0.53	0.78	0.48	0.64	1.06	0.53	1.31	-	0.54	-	-	0.31	
	2008-09	-	0.60	0.74	0.48	0.34	1.06	0.73	1.78	-	0.25	-	-	0.40	
Fertilisers	2009-10	-	1.91	1.58	1.17	-	2.59	1.59	2.14	1.45	0.69	-	2.22	0.36	
	2008-09	-	1.04	1.61	0.88	-	2.38	1.98	2.52	1.00	0.93	-	-	0.46	
FRM (Dry)	2009-10	2.53	0.84	...	1.07	-	1.51	1.11	2.18	0.64	-	-	1.46	0.37	
	2008-09	1.10	0.94	...	1.00	-	1.48	1.13	1.98	0.38	-	-	0.98	0.47	
Other Dry Bulk	2009-10	2.00	1.13	1.06	0.59	-	1.06	1.07	0.76	0.91	0.69	0.18	1.40	0.41	
	2008-09	1.77	1.03	0.85	0.66	-	1.28	1.18	1.32	0.52	0.57	0.17	1.07	0.46	
Other Lqd. Bulk	2009-10	0.92	0.51	...	0.28	-	0.51	0.47	0.16	0.20	0.31	0.24	0.35	0.43	
	2008-09	0.78	0.63	...	0.33	-	0.45	0.61	0.14	0.19	0.28	0.25	0.36	0.48	
General Cargo	2009-10	2.00	1.16	1.24	0.73	-	1.19	1.38	1.67	0.75	0.51	0.34	0.80	0.41	
	2008-09	1.83	0.95	1.08	0.72	-	1.33	1.10	1.72	0.62	0.68	0.28	0.90	0.42	
Containers	2009-10	0.71	0.38	0.36	0.14	-	...	0.02	0.12	0.25	0.10	0.06	0.41	0.35	
	2008-09	0.68	0.38	0.38	0.14	-	...	0.03	0.12	0.25	0.10	0.05	0.29	0.45	
Total	2009-10	1.18	0.69	0.77	0.53	0.40	0.67	0.69	0.39	0.42	0.95	0.10	0.55	0.39	
	2008-09	1.08	0.66	0.62	0.53	0.34	0.65	0.72	0.48	0.37	0.55	0.09	0.97	0.44	

Source: Major Ports

**Table 2.1.25 Commodity-wise Output per Ship Berth Day - 2008-09 & 2009-10**

(In Tonnes)

Port Commodity	Year	Kolkata Dock System	Haldia Dock Complex	Para- dip	Visakh- apatnam	Ennore	Chennai	Tuti- corin	Cochin	New Mangalore	Mormu- goa	J.L.Nehru	Mumbai	Kandla
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL(Crude)	2009-10	-	28539	61772	50343	-	41858	-	59441	55326	-	17045	50594	94816
	2008-09	23325	33655	87595	53143	-	42803	-	51741	56440	-	17840	46327	88914
POL(Product)	2009-10	2604	10325	16102	9688	-	8757	9274	9422	19300	8267	-	9007	19476
	2008-09	2365	11951	13272	11339	-	9945	8660	8337	19727	7961	-	3720	18926
LPG	2009-10	-	10180	-	8788	-	-	4407	7418	5250	-	-	-	6130
	2008-09	5344	9032	-	8458	-	-	2940	-	5080	-	-	-	10495
Iron Ore	2009-10	874	6617	13382	19587	-	25967	6103	-	12918	9537	-	7208	14024
	2008-09	1590	7010	14379	26400	-	31163	-	-	14146	12103	-	9308	13932
Coking Coal	2009-10	-	6693	10270	11789	-	8349	10136	-	15104	6307	-	3549	17902
	2008-09	-	7075	9501	11955	-	7989	-	-	10858	6970	-	6306	23732
Thermal Coal	2009-10	-	9936	31275	13000	23394	12063	11642	6779	-	8648	-	4233	18717
	2008-09	-	12263	32183	10448	28424	10580	10779	7272	-	10148	-	5185	18009
Fertilisers	2009-10	-	2236	4505	5120	-	2788	5192	3156	4658	3953	-	1350	13462
	2008-09	-	3360	4283	5380	-	2946	4122	2884	3926	3469	-	2489	9743
FRM (Dry)	2009-10	948	2822	14992	3939	-	3439	6459	2454	2306	-	-	1374	6876
	2008-09	1076	2061	14588	5239	-	3077	6488	2650	3499	-	-	1262	6169
Other Dry Bulk	2009-10	1364	4028	7822	6701	-	9789	7275	3637	6456	4999	4165	2966	7035
	2008-09	1166	4307	7941	6470	-	8928	5597	2930	5949	8273	4412	2399	5955
Other Liquid Bulk	2009-10	2304	4285	9735	7048	9007	2910	2943	6590	6578	7511	4976	3589	5760
	2008-09	2485	3959	8729	6552	-	3074	2717	7758	6507	7452	4501	3379	4985
General Cargo	2009-10	640	1167	839	1176	-	1731	1248	587	1074	2499	875	2558	3493
	2008-09	539	1221	1234	1436	-	1527	1311	513	1055	1657	1029	1801	3224
Containers	2009-10	4521	3520	2696	12400	-	27836	18601	8290	4479	2905	27577	3233	9200
	2008-09	4620	3523	3046	10402	-	22700	16887	8630	3900	2675	24525	3255	9875
<b>Total</b>	2009-10	1917	6243	13853	10484	21665	11428	6934	11089	13896	5002	21563	6122	13549
	2008-09	3027	7732	12635	11171	28424	10778	5817	10599	13645	6290	20344	5717	13107

(a) Includes Pellets

(b) Includes NSICT also

(c) Includes NSICT & GTIPL also

Source: Major Ports

Table 2.1.26

**Average Pre-berthing Detention on Port & Non Port  
Account - Major Port-wise - 2008-09 & 2009-10**

(In Days)

Port	2008-09			2009-10		
	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	0.66	0.05	0.60	1.32	0.50	0.82
Haldia Dock Complex	3.38	1.02	2.36	4.50	1.39	3.11
Paradip	2.32	0.05	2.26	6.30	0.05	6.25
Visakhapatnam	1.28	0.18	1.10	1.90	0.79	1.11
Ennore	0.27	0.04	0.22	0.37	0.02	0.36
Chennai	1.39	0.04	1.35	1.35	0.04	1.31
Tuticorin	1.09	0.14	0.95	1.36	0.39	0.98
Cochin	0.70	0.05	0.64	0.85	0.10	0.75
New Mangalore	0.65	0.04	0.61	0.81	0.03	0.78
Mormugao	1.77	0.26	1.51	3.46	0.43	3.03
J.L.Nehru	0.95	0.40	0.55	0.98	0.27	0.72
Mumbai	1.41	0.33	1.08	1.06	0.25	0.81
Kandla	2.62	1.18	1.44	2.60	0.95	1.65
<b>All Ports</b>	1.63	0.39	1.24	2.17	0.49	1.68

Source: Major Ports

**Table 2.1.27****Reason-wise, Major Port-wise Average Pre-berthing Detention - 2009-10**

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	579	2.98	-	0.05	0.11	-	2.41	-	7.96	13.51	
2.	Break Bulk	400	4.08	-	3.00	0.79	-	2.90	-	12.76	23.53	
3.	Dry Bulk(C)	65	1.31	-	-	1.70	-	2.41	-	5.95	11.38	
4.	Liquid Bulk	264	2.16	-	1.79	1.10	-	3.39	-	16.87	25.31	
	<b>Total</b>	<b>1308</b>	<b>3.07</b>	<b>-</b>	<b>1.61</b>	<b>0.30</b>	<b>-</b>	<b>2.76</b>	<b>-</b>	<b>11.14</b>	<b>18.88</b>	
<b>Haldia Dock Complex</b>												
1.	Container	432	14.03	-	0.14	-	-	6.20	-	6.65	27.02	
2.	Break Bulk	68	73.92	-	0.35	-	-	202.93	-	18.48	295.67	
3.	Dry Bulk(M)	309	30.70	-	0.27	-	-	64.01	-	14.26	109.24	
	Dry Bulk(C)	551	72.07	-	0.99	-	-	141.29	-	11.24	225.59	
4.	Liquid Bulk	859	11.14	-	0.20	-	-	27.14	-	12.70	51.18	
	<b>Total</b>	<b>2219</b>	<b>31.48</b>	<b>-</b>	<b>0.40</b>	<b>-</b>	<b>-</b>	<b>61.93</b>	<b>-</b>	<b>11.56</b>	<b>105.36</b>	
<b>Paradip</b>												
1.	Container	12	-	-	-	-	-	20.25	-	0.92	21.17	
2.	Break Bulk	41	-	-	-	-	-	240.71	-	1.56	242.27	
3.	Dry Bulk(M)	451	0.02	-	-	-	-	87.70	-	1.72	89.43	
	Dry Bulk (C)	700	-	-	-	-	-	235.68	-	2.92	238.60	
4.	Liquid Bulk	327	0.01	-	-	-	-	40.97	-	1.86	42.84	
	<b>Total</b>	<b>1531</b>	<b>0.01</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>148.95</b>	<b>-</b>	<b>2.29</b>	<b>151.24</b>	

(M) Mechanised. (C) Conventional.

Table 2.1.27(Contd...)

## Reason-wise, Major Port-wise Average Pre-berthing Detention - 2008-09

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	206	0.18	0.03	-	-	-	115.14	-	0.71	116.06
2.	Break Bulk	210	30.02	0.13	-	-	-	15.40	-	23.62	69.16
3.	Dry Bulk(M)	255	23.24	0.07	-	-	-	9.54	-	25.49	58.35
	Dry Bulk(C)	1020	24.67	0.16	-	0.08	-	13.63	-	18.63	57.17
4.	Liquid Bulk	715	6.56	0.05	-	0.08	-	3.76	0.51	19.00	29.97
	Total	2406	17.51	0.11	-	0.06	-	9.40	0.15	18.52	45.74
<b>Ennore*</b>											
1.	Dry Bulk(M)	173	0.57	-	-	-	-	12.32	-	-	12.89
3.	Dry Bulk(C)	22	-	-	-	-	-	-	-	-	0.00
4.	Liquid Bulk	78	0.05	-	-	-	-	2.57	-	-	2.61
	Total	273	0.38	-	-	-	-	8.54	-	-	8.92
<b>Chennai</b>											
1.	Container	703	-	-	-	0.75	-	10.85	-	-	11.60
2.	Break Bulk	489	-	-	-	0.85	-	29.58	-	-	30.43
3.	Dry Bulk(M)	115	-	-	-	1.18	-	60.08	-	-	61.26
	Dry Bulk(C)	331	-	-	-	1.56	-	48.05	-	-	49.61
4.	Liquid Bulk	494	-	-	-	0.99	-	44.65	-	-	45.63
	Total	2132	-	-	-	0.98	-	31.41	-	-	32.38

(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 - 2008-09

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	455	-	-	-	-	-	13.42	-	-	13.42
2.	Break Bulk	333	14.61	-	-	-	-	39.30	-	4.47	58.37
3.	Dry Bulk(M)	140	0.87	-	-	-	-	8.97	-	13.03	22.86
	Dry Bulk(C)	311	21.85	-	-	-	-	16.10	-	7.56	45.52
4.	Liquid Bulk	175	8.18	-	-	-	-	11.14	-	0.20	19.53
	<b>Total</b>	<b>1414</b>	<b>9.34</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>19.38</b>	<b>-</b>	<b>4.03</b>	<b>32.76</b>
<b>Cochin</b>											
1.	Container	389	2.38	-	-	-	-	16.62	-	2.24	21.23
2.	Break Bulk	44	-	-	-	-	-	39.91	-	2.42	42.33
3.	Dry Bulk(M)	20	-	-	-	-	-	294.75	-	0.42	295.17
	Dry Bulk(C)	39	0.68	-	-	-	-	41.93	-	-	42.61
4.	Liquid Bulk	380	1.74	-	-	-	-	590.19	-	1.29	593.21
	<b>Total</b>	<b>872</b>	<b>1.85</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>16.40</b>	<b>-</b>	<b>2.12</b>	<b>20.36</b>
<b>New Mangalore</b>											
1.	Container	77	-	-	-	-	-	2.26	-	1.12	3.38
2.	Break Bulk	74	-	-	-	-	-	15.11	-	1.55	16.66
3.	Dry Bulk(M)	51	-	-	-	-	-	9.53	-	5.94	15.47
	Dry Bulk(C)	302	2.21	-	-	-	-	23.86	-	2.31	28.39
4.	Liquid Bulk	682	0.06	-	-	-	-	16.88	-	0.74	17.69
	<b>Total</b>	<b>1186</b>	<b>0.60</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>17.28</b>	<b>-</b>	<b>1.44</b>	<b>19.33</b>
<b>Mormugao</b>											
1.	Container	38	2.00	-	-	0.39	-	2.13	-	-	4.53
2.	Break Bulk	8	21.38	-	-	1.50	-	13.50	-	-	36.38
3.	Dry Bulk(M)	240	17.23	-	-	-	-	14.85	-	113.80	145.88
	Dry Bulk(C)	435	4.12	-	-	0.36	-	0.62	-	-	5.10
4.	Liquid Bulk	184	14.80	-	-	0.69	-	1.54	3.79	-	20.83
	<b>Total</b>	<b>905</b>	<b>9.83</b>	<b>-</b>	<b>-</b>	<b>0.34</b>	<b>-</b>	<b>4.76</b>	<b>0.77</b>	<b>30.18</b>	<b>45.88</b>

(M) Mechanised. (C) Conventional.

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

**Reason-wise, Major Port-wise Average Pre-berthing Detention - 2008-09**

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	2470	-	-	0.16	0.04	0.34	0.02	-	12.99	13.56
2.	Break Bulk	12	-	-	0.13	-	1.47	0.23	-	8.58	10.40
3.	Dry Bulk(C)	66	-	-	0.38	0.04	1.51	0.07	-	54.89	56.88
4.	Liquid Bulk	501	-	-	0.18	0.01	0.44	0.07	-	69.05	69.74
Total		3049	-	-	0.17	0.03	0.40	0.03	-	23.09	23.72
<b>Mumbai *</b>											
1.	Container	10	1.01	-	-	-	-	14.66	-	1.01	16.68
2.	Break Bulk	732	3.27	-	-	-	-	16.83	-	0.98	21.08
3.	Dry Bulk(C)	50	6.36	-	-	-	-	28.52	-	1.00	35.88
4.	Liquid Bulk	902	10.55	-	-	-	-	27.09	-	0.99	38.64
Total		1694	7.22	-	-	-	-	22.63	-	0.99	30.84
<b>Kandla</b>											
1.	Container	255	1.77	-	-	-	-	6.79	-	5.01	13.56
2.	Break Bulk	437	63.62	-	-	-	-	37.23	-	25.42	126.28
3.	Dry Bulk(C)	663	44.64	-	-	-	-	13.95	-	10.24	68.83
4.	Liquid Bulk	1421	3.95	-	-	-	-	26.64	-	17.93	48.52
Total		2776	22.86	-	-	-	-	23.43	-	16.07	62.36

P- Provisional (C) Conventional.

\* - Pertains to Vessels handled at Berth

Source: Major Ports

**Table 2.1.28 Average Berth Occupancy For Major-Ports-1999-00 to 2009-10 (Percentage)**

Port	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
1	2	3	4	5	6	7	8	9	10	11	12
KANDLA	92.2	79.8	72.3	70.5	69.8	69.1	73.5	71.0	71.0	66.9	72.0
MUMBAI	57.7	58.5	58.4	57.0	57.5	60.6	61.1	64.4	65.4	65.5	50.6
J.L. NEHRU	61.0	58.1	61.0	53.1	53.2	60.1	66.7	64.3	66.4	67.7	66.2
MORMUGAO	74.0	74.0	81.1	69.3	65.5	82.2	78.7	81.0	73.8	70.2	79.2
NEW MANGALORE	50.2	36.5	35.1	29.1	33.3	49.7	52.3	47.0	56.0	54.0	52.0
COCHIN	60.0	63.6	61.4	56.7	63.3	71.9	65.7	67.3	66.0	63.5	63.7
TUTICORIN	72.8	65.2	68.8	61.3	54.8	53.7	59.3	67.6	72.9	70.2	66.9
CHENNAI	81.9	72.6	71.9	60.1	57.1	58.0	57.7	63.3	74.0	67.3	63.8
ENNORE	-	-	43.7	43.4	39.3	31.2	34.2	34.4	35.5	47.0	41.2
VISAKHAPAT-NAM	78.0	66.8	63.3	62.0	65.1	61.8	58.2	59.5	73.6	65.9	76.3
PARADIP	62.5	69.5	55.6	47.6	52.6	59.9	59.7	65.0	76.6	70.9	77.6
HALDIA DOCK COMPLEX	80.8	72.4	74.1	71.6	60.8	75.3	85.6	85.9	81.1	83.6	81.2
KOLKATA DOCK SYSTEM	48.8	41.1	38.0	44.6	41.8	42.3	41.8	45.5	59.2	57.3	70.8

Table 2.1.29

**Performance of Cargo Handling Equipments of Major Ports -  
2007-08, 2008-09 & 2009-10**

(In Percent)

Sl. No.	Name Of The Port	Equipment	2007-08		2008-09		2009-10	
			% 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	93	66	94	58	76	50
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	95	57	96	52	96	58
2.	<b>Mumbai</b>	Wharf Crane	91	12	91	11	89	11
		Mobile Crane	90	15	91	15	83	15
		Forklift Truck	97	23	98	22	95	20
3.	<b>Mormugao</b>	Wharf Crane	-	-	-	-	-	-
		Mobile Crane	76	2	78	-	15	-
		Forklift Truck	97	4	98	4	98	3
4.	<b>N.Mangalore</b>	Wharf Crane	99	4	82	2	-	-
		Mobile Crane	-	-	-	-	98	2
		Forklift Truck	96	11	92	9	94	9
5.	<b>Cochin</b>	Wharf Crane	96	4	89	3	81	2
		Mobile Crane	73	2	95	2	-	-
		Forklift Truck	82	22	80	18	82	17
6.	<b>Tuticorin</b>	Wharf Crane	96	49	96	45	98	51
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	-	-	-	-	-	-
7.	<b>Chennai</b>	Wharf Crane	99	13	100	16	94	11
		Mobile Crane	99	33	99	31	99	30
		Forklift Truck	48	16	63	16	66	13
8.	<b>Visakhapatnam</b>	Wharf Crane	97	48	99	45	98	46
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	-	-	-	-	-	-
9.	<b>Paradip</b>	Wharf Crane	97	44	86	34	75	21
		Mobile Crane	50	2	60	1	96	-
		Forklift Truck	50	3	96	1	100	-
10.	<b>Kolkata Dock System</b>	Wharf Crane	94	24	96	26	94	27
		Mobile Crane	93	27	95	26	93	34
		Forklift Truck	98	52	98	39	98	40
11	<b>Haldia Dock Complex</b>	Wharf Crane	-	-	-	-	-	-
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	85	1	84	37	14	8

Average Norms for :

- Wharf Crane : Availability 85 % to 90 %  
Utilisation 35 % and above
- Mobile Crane : Availability 82 % to 85 %  
Utilisation 30 % and above
- 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 - 2008-09 &amp; 2009-10

PORT	Year	Quay Side Gantry Crane				R.T. Gantry Crane			
		No.	% availa- bility	% Utilisation of		No.	% Availa- bility	% Utilisation of	
				Available Hrs.	Possible Hrs.			Available Hrs.	Possible Hrs.
1	2	3	4	5	6	7	8	9	10
Kolkata Dock System	2008-09	-	-	-	-	4	68.7	51.2	35.2
	2009-10	-	-	-	-	4	69.6	51.7	36.0
Haldia Dock Complex	2008-09	-	-	-	-	4	66.8	...	...
	2009-10	-	-	-	-	4	72.2	...	...
Paradip	2008-09	-	-	-	-	-	-	-	-
	2009-10	-	-	-	-	-	-	-	-
Visakhapatnam	2008-09	2	95.0	18.6	17.8	2	95.0	15.8	15.0
	2009-10	2	92.1	20.5	18.9	2	93.4	30.7	28.6
Chennai	2008-09	7	89.8	60.6	54.4	24	91.9	50.7	46.6
	2009-10	8	90.1	58.7	52.9	23	88.7	87.8	77.8
Tuticorin	2008-09	3	91.7	62.5	57.4	8	92.1	93.8	86.4
	2009-10	3	92.0	61.0	57.0	8	93.0	89.0	89.0
Cochin	2008-09	2	87.5	62.9	55.0	4	92.1	96.0	88.4
	2009-10	2	83.9	40.8	34.3	4	86.0	79.1	68.0
New Mangalore	2008-09	-	-	-	-	-	-	-	-
	2009-10	-	-	-	-	-	-	-	-
Mormugao	2008-09	-	-	-	-	-	-	-	-
	2009-10	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2008-09	8	87.4	59.7	52.2	18	87.1	75.4	66.0
	2009-10	8	86.2	49.4	42.6	18	91.3	60.6	63.5
Mumbai	2008-09	1	94.9	12.3	11.7	-	-	-	-
	2009-10	-	-	-	-	-	-	-	-
Kandla	2008-09	2	87.7	30.3	26.6	2	93.7	22.8	21.4
	2009-10	-	-	-	-	-	-	-	-

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

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

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

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

(a) Relates to JNPCTonly.

**Table 2.1.30(Contd.) Availability And Utilisation Of Container Handling Equipments - Major Ports - 2008-09 & 2009-10**

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	2008-09	22	26.1	87.2	22.8	1	0.0	0.0	0.0
	2009-10	22	11.1	74.9	8.3	1	0.0	0.0	0.0
Haldia Dock Complex	2008-09	4	52.0	84.3	43.8	1	0.0	0.0	0.0
	2009-10	4	9.8	59.3	5.8	1	0.0	0.0	0.0
Paradip	2008-09	-	-	-	-	-	-	-	-
	2009-10	-	-	-	-	-	-	-	-
Visakhapatnam	2008-09	-	-	-	-	-	-	-	-
	2009-10	16	100.0	0.0	0.0	-	-	-	-
Chennai	2008-09	-	-	-	-	-	-	-	-
	2009-10	-	-	-	-	-	-	-	-
Tuticorin	2008-09	12	93.6	67.3	63.0	-	-	-	-
	2009-10	12	95.0	67.0	64.0	-	-	-	-
Cochin	2008-09	20	97.5	90.5	88.2	-	-	-	-
	2009-10	13	93.8	49.5	46.4	-	-	-	-
New Mangalore	2008-09	-	-	-	-	-	-	-	-
	2009-10	-	-	-	-	-	-	-	-
Mormugao	2008-09	-	-	-	-	-	-	-	-
	2009-10	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2008-09	20	91.0	100.0	91.0	-	-	-	-
	2009-10	20	93.6	99.7	93.3	-	-	-	-
Mumbai	2008-09	-	-	-	-	-	-	-	-
	2009-10	-	-	-	-	-	-	-	-
Kandla	2008-09	12	96.5	18.3	17.6	-	-	-	-
	2009-10	-	-	-	-	-	-	-	-

(a) :Relates to JNPT only.

**Table 2.1.30(Contd.) Availability And Utilisation Of Container Handling Equipments - Major Ports - 2008-09 & 2009-10**

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	2008-09	-	-	-	-	-	-	-	-
	2009-10	-	-	-	-	-	-	-	-
Haldia Dock Complex	2008-09	1	88.5	94.5	83.7	-	-	-	-
	2009-10	1	90.2	62.2	56.1	-	-	-	-
Paradip	2008-09	-	-	-	-	-	-	-	-
	2009-10	-	-	-	-	-	-	-	-
Visakhapatnam	2008-09	-	-	-	-	-	-	-	-
	2009-10	-	-	-	-	-	-	-	-
Chennai	2008-09	-	-	-	-	-	-	-	-
	2009-10	-	-	-	-	-	-	-	-
Tuticorin	2008-09	-	-	-	-	-	-	-	-
	2009-10	-	-	-	-	-	-	-	-
Cochin	2008-09	-	-	-	-	2	92.6	59.6	55.2
	2009-10	-	-	-	-	2	87.1	35.6	31.0
New Mangalore	2008-09	-	-	-	-	2	96.7	2.7	2.8
	2009-10	3	91.2	100.0	91.2	-	-	-	-
Mormugao	2008-09	-	-	-	-	-	-	-	-
	2009-10	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2008-09	5	92.8	43.6	40.5	-	-	-	-
	2009-10	5	92.1	55.4	51.0	-	-	-	-
Mumbai	2008-09	-	-	-	-	-	-	-	-
	2009-10	-	-	-	-	-	-	-	-
Kandla	2008-09	-	-	-	-	2	94.5	4.1	3.9
	2009-10	-	-	-	-	-	-	-	-

(a) :Relates to JNPCT.

**Table 2.1.30(Contd.) Availability And Utilisation Of Container Handling Equipments - Major Ports - 2008-09 & 2009-10**

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	2008-09	2	0.0	0.0	0.0	4	67.3	50.8	34.2
	2009-10	2	0.0	0.0	0.0	4	-	-	-
Haldia Dock Complex	2008-09	1	78.4	47.1	36.9	-	-	-	-
	2009-10	1	22.1	58.6	13.0	-	-	-	-
Paradip	2008-09	-	-	-	-	-	-	-	-
	2009-10	-	-	-	-	-	-	-	-
Visakhapatnam	2008-09	-	-	-	-	4	62.0	18.3	11.4
	2009-10	1	-	-	-	4	94.0	13.8	13.0
Chennai	2008-09	-	-	-	-	4	62.0	18.3	11.4
	2009-10	-	-	-	-	-	-	-	-
Tuticorin	2008-09	-	-	-	-	-	-	-	-
	2009-10	-	-	-	-	-	-	-	-
Cochin	2008-09	-	-	-	-	5	88.9	45.4	40.3
	2009-10	-	-	-	-	5	84.8	49.9	42.3
New Mangalore	2008-09	1	86.6	20.2	17.5	2	94.9	50.7	48.2
	2009-10	2	94.9	14.7	14.0	2	95.1	53.3	50.7
Mormugao	2008-09	-	-	-	-	-	-	-	-
	2009-10	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2008-09	-	-	-	-	-	-	-	-
	2009-10	-	-	-	-	-	-	-	-
Mumbai	2008-09	-	-	-	-	4	95.9	1.0	1.0
	2009-10	-	-	-	-	4	99.2	0.6	0.6
Kandla	2008-09	-	-	-	-	4	89.7	41.6	37.3
	2009-10	-	-	-	-	-	-	-	-

(a) Relates to JNPCT.  
Source: Major Ports

**Table 2.1.31 Container Handling Rate - Major Ports -2008-09 & 2009-10**

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
<b>Kolkata Dock</b>	2008-09	-	-	-	-	-	-	35.4	3.6	5.5
<b>System</b>	2009-10	-	-	-	-	-	-	52.1	3.1	6.4
<b>Haldia Dock</b>	2008-09	-	-	-	9.9	1.9	2.1	-	-	-
<b>Complex</b>	2009-10	-	-	-	41.7	1.0	1.8	...	...	...
<b>Paradip</b>	2008-09	-	-	-	-	-	-	-	-	-
	2009-10	-	-	-	-	-	-	-	-	-
<b>Vishakhapat-nam</b>	2008-09	...	...	...	...	...	...	...	...	...
	2009-10	0.0	26.0	26.0	-	-	-	0.0	19.2	19.2
<b>Chennai</b>	2008-09	30.8	17.8	25.7	-	-	-	37.5	12.0	19.2
	2009-10	6.1	27.8	29.6	-	-	-	39.1	13.0	21.4
<b>Tuticorin</b>	2008-09	...	25.0	...	...	...	...	...	12.0	...
	2009-10	4.5	25.8	28.3	...	...	...	7.0	12.1	14.1
<b>Cochin</b>	2008-09	27.1	14.6	20.0	-	-	-	6.7	7.0	7.5
	2009-10	22.6	16.0	20.6	-	-	-	4.1	11.9	12.4
<b>New Mangalore</b>	2008-09	-	-	-	-	-	-	-	-	-
	2009-10	-	-	-	-	-	-	-	-	-
<b>Mormugao</b>	2008-09	-	-	-	-	-	-	-	-	-
	2009-10	-	-	-	-	-	-	-	-	-
<b>J.L.Nehru(a)</b>	2008-09	25.6	15.7	21.0	21.8	7.0	9.0	34.3	5.7	8.7
	2009-10	29.2	13.6	19.1	12.3	9.0	10.2	34.9	4.3	6.6
<b>Mumbai</b>	2008-09	37.3	4.9	7.8	-	-	-	-	-	-
	2009-10	-	-	-	-	-	-	-	-	-
<b>Kandla</b>	2008-09	78.6	3.6	17.0	-	-	-	61.3	7.3	18.9
	2009-10	...	...	...	...	...	...	...	...	...

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.

Source: Major Ports

**Table 2.1.32 Major Ports-Capacity and Utilisation - 2009-10**

(In Million Tonnes/Percentage)

Port	Capacity/ Utilisation	POL (Crude & Products)	Iron Ore	Thermal Coal	Fertiliser & FRM	Other Cargo	Container	Total
1	2	3	4	5	6	7	8	9
KDS	Cap.	7.96	0.00	0.00	0.00	6.94	5.50	20.40
	Util.	9.05	-	-	-	81.84	120.73	63.92
HDC	Cap.	17.00	6.00	7.00	0.00	12.70	4.00	46.70
	Util.	54.71	128.33	108.57	-	53.31	50.25	71.48
PPT	Cap.	21.00	4.50	20.00	7.50	23.50	0.00	60.67
	Util.	55.43	358.89	99.10	47.73	24.77	-	74.52
VPT	Cap.	17.65	12.50	0.00	1.00	29.38	1.74	62.27
	Util.	103.63	151.52	-	370.00	77.20	108.62	105.19
EPL(a)	Cap.	3.00	0.00	13.00	0.00	0.00	0.00	16.00
	Util.	13.33	-	79.23	-	-	-	66.88
ChPT	Cap.	18.70	0.00	0.00	0.60	6.76	4.31	80.61
	Util.	112.88	100.38	-	-	90.63	69.85	85.61
TPT	Cap.	2.30	0.00	0.00	0.00	10.17	5.00	17.47
	Util.	22.17	-	89.60	-	108.95	132.00	100.30
CoPT	Cap.	18.70	-	-	0.60	4.76	4.31	28.37
	Util.	63.85	-	-	56.67	18.05	91.18	57.39
NMPT	Cap.	22.00	7.50	0.00	0.00	14.70	0.00	44.20
	Util.	96.95	94.13	-	-	20.61	-	80.38
MoPT	Cap.	1.50	28.30	0.00	0.00	7.25	0.00	37.05
	Util.	64.00	143.36	-	-	100.97	-	131.85
JNPT	Cap.	5.50	0.00	0.00	0.00	0.90	57.60	64.00
	Util.	89.27	-	-	-	306.67	92.17	94.94
MbPT	Cap.	32.00	0.00	0.00	0.00	15.80	1.90	49.70
	Util.	107.94	-	-	-	122.78	31.58	109.74
KPT	Cap.	63.63	0.00	0.00	0.00	14.97	7.20	85.80
	Util.	73.82	-	-	-	201.07	33.75	92.66
<b>ALL PORTS</b>	Cap.	<b>224.04</b>	<b>66.80</b>	<b>46.25</b>	<b>9.10</b>	<b>160.99</b>	<b>120.85</b>	<b>628.03</b>
	Util.	<b>78.04</b>	<b>147.38</b>	<b>93.66</b>	<b>83.74</b>	<b>84.61</b>	<b>83.29</b>	<b>89.34</b>

Note: Where there is no specific capacity for a particular commodity at a particular port the traffic of that commodity has been added to 'Other Cargo'.

Cap.: Capacity in Million Metric Tonnes. Util.: Utilisation in Percentage.

(a) Ennore port handled cargo other than thermal coal also.

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

Table 2.1.33

**Employment At Major Ports  
(As on 31st March, 2010)**

(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	88	68	401	1264	764	284	516	371	252	4008
MbPT	397	38	3476	4289	-	2226	855	2778	-	14059
JNPT	172	45	482	111	-	929	-	-	-	1739
MoPT(a)	140	84	1299	831	-	361	176	-	-	2891
NMPT (b)	55	101	694	175	-	306	388	-	-	1719
CoPT	142	201	2312	680	-	348	265	-	-	3948
TPT(c)	89	43	714	363	-	318	664	-	-	2191
ChPT	303	148	3236	1420	335	1324	593	661	-	8020
EPL	25	18	29	14	-	-	-	-	-	86
VPT	203	134	1411	1106	-	1617	406	-	-	4877
PPT	78	91	1065	1427	100	-	-	-	-	2761
KDS	463	139	2815	1712	-	182	54	310	-	5675
HDC	187	109	467	426	-	1139	1170	-	-	3498
<b>Total</b>	<b>2342</b>	<b>1219</b>	<b>18401</b>	<b>13818</b>	<b>1199</b>	<b>9034</b>	<b>5087</b>	<b>4120</b>	<b>252</b>	<b>55472</b>

(a) Includes CHLD, erstwhile MDLB

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

(c) It includes the workers which are managed and administered by the Tuticorin Port Trust Handling Labour Pool(TPTCHLP).

Source: Major Port

Table 2.1.34

**Employment At Dock Labour Boards of Major Ports  
(As on 31st March, 2010)**

(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	5	111	60	187	-	-	-	978	1165
KDS	16	11	97	48	172	140	-	-	140	312
<b>All DLBs</b>	<b>27</b>	<b>16</b>	<b>208</b>	<b>108</b>	<b>359</b>	<b>140</b>	<b>0</b>	<b>0</b>	<b>1118</b>	<b>1477</b>

Note: In case of Kandla, Dock Labour Board has been merged in to Kandla Port Trust.

Source: Major Port

Table 2.1.35

**Mandays Employed and Mandays Lost at Major Ports : 2007-2010 (31st March)**

Port	2007		2008		2009		2010	
	Mandays		Mandays		Mandays		Mandays	
	Employed(a)	Lost(b)	Employed(a)	Lost(b)	Employed(a)	Lost(b)	Employed(a)	Lost(b)
1	2	3	4	5	6	7	8	9
KPT	1594	...	1551	-	1514	-	1463	-
MbPT	7111	16.8	5300	0.1	6880	0.9	5132	3.2
MoPT	1125	-	1105	-	1083	-	1055	7.0
NMPT	669	-	648	-	664	0.3	627	5.6
CoPT	1332	1.5	1576	0.6	1498	2.6	1441	-
TPT	793	0.7	827	0.4	812	-	800	-
EPL	16	-	22	-	24	-	31	-
ChPT	3041	-	3318	-	2963	-	2927	0.9
VPT	2384	-	2316	-	2293	0.6	2205	0.6
PPT	1100	-	1065	-	1041	-	1008	-
KDS	2436	-	2318	-	2279	-	2186	-
HDC	1384	1.9	1352	8.1	1321	2.5	1277	0.8
JNPT	644	-	645	-	637	-	635	-
<b>TOTAL</b>	23629	0.2	22041	0.6	23008	0.6	20786	0.6

Note: Mandays calculation includes Port Employees as well as Dock Employees.

(a): Mandays Employed in '000

(b): Mandays lost per 1000 Mandays employed

Source: Major Port

Table 2.1.36

**Capital Employed at Major Ports - 2004-05 to 2009-10**

(Rs. Crore)

Port	Year					
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
1	2	3	4	5	6	7
KANDLA	644.84	767.17	847.93	865.22	1041.85	1191.74
MUMBAI	1940.20	2038.46	2147.60	2371.45	2436.39	2372.42
J. L. NEHRU	1070.39	1811.99	2199.88	2746.02	3005.45	3543.17
MORMUGAO	369.81	487.95	526.25	593.82	634.88	554.89
NEW MANGALORE	481.59	559.59	592.74	611.53	634.76	674.11
COCHIN	263.42	482.96	524.31	513.42	408.36	322.94
TUTICORIN	456.60	516.95	553.86	592.02	620.91	520.82
CHENNAI	465.68	727.95	939.74	1224.97	1496.33	1500.23
ENNORE	675.78	646.61	723.55	734.77	767.50	808.25
VISAKHAPATNAM	758.44	756.80	774.43	769.90	818.83	855.91
PARADIP	802.10	887.74	847.87	949.52	1074.66	1463.04
KOLKATA (a)	1506.99	1939.66	1253.58	1504.83	1370.36	1554.33
<b>All Ports</b>	<b>9435.84</b>	<b>11623.83</b>	<b>11931.74</b>	<b>13477.47</b>	<b>14310.28</b>	<b>15361.85</b>

(a) Includes Kolkata Dock System and Haldia Dock Complex.

Capital employed= Gross Fixed Assets - Depreciation + Work in Progress + Net Current Assets

Net Current assets = Current Assets - Current Liabilities

Source: Annual Accounts of Major Ports

Table 2.1.37

## Operating Expenditure Under Various Heads - Major Ports - 2008-09 &amp; 2009-10

(Rs. Crore)

Port	Salaries & Wages		Stores		Office & Administrative Security & Medical		Depreciation		Operation & Maintenance		Other Exp		Total	
	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Kolkata	130.36 (25.06)	179.55 (32.28)	1.74 (.33)	2.31 (.42)	57.45 (11.04)	63.14 (11.35)	9.28 (1.78)	10.16 (1.83)	70.74 (13.6)	79.87 (14.36)	250.64 (48.18)	221.13 (39.76)	520.21 (100)	556.16 (100)
HDC	112.32 (12.94)	152.44 (16.66)	15.49 (1.78)	13.63 (1.49)	34.01 (3.92)	42.19 (4.61)	22.11 (2.55)	24.16 (2.64)	64.98 (7.49)	73.34 (8.01)	618.93 (71.32)	609.41 (66.59)	867.84 (100)	915.17 (100)
Paradip	85.38 (23.84)	86.67 (22.19)	20.29 (5.66)	23.94 (6.13)	39.48 (11.02)	38.96 (9.97)	49.98 (13.95)	50.34 (12.89)	144.45 (40.33)	169.93 (43.5)	18.59 (5.19)	20.76 (5.31)	358.17 (100)	390.60 (100)
Visakhapatnam	158.46 (45.29)	250.20 (53.84)	47.70 (13.63)	52.36 (11.27)	42.44 (12.13)	52.31 (11.26)	32.42 (9.27)	34.39 (7.4)	59.13 (16.9)	69.71 (15.)	9.72 (2.78)	5.74 (1.24)	349.87 (100)	464.71 (100)
Chennai	276.94 (60.8)	338.91 (63.6)	10.54 (2.31)	11.95 (2.24)	34.73 (7.62)	46.04 (8.64)	29.69 (6.52)	28.53 (5.35)	52.43 (11.51)	52.44 (9.84)	51.18 (11.24)	54.97 (10.32)	455.51 (100)	532.84 (100)
Tuticorin	35.65 (26.6)	46.06 (29.95)	6.66 (4.97)	6.94 (4.51)	17.91 (13.36)	23.92 (15.55)	11.99 (8.95)	12.61 (8.2)	26.26 (19.59)	29.08 (18.91)	35.57 (26.54)	35.20 (22.89)	134.04 (100)	153.81 (100)
Cochin	74.99 (38.37)	98.98 (42.49)	9.18 (4.7)	9.23 (3.96)	25.25 (12.92)	28.08 (12.05)	9.47 (4.84)	13.32 (5.72)	76.57 (39.17)	83.34 (35.78)	0.00 (0.00)	0.00 (0.00)	195.46 (100)	232.95 (100)
New Mangalore	69.90 (33.94)	78.07 (33.29)	8.17 (3.97)	7.36 (3.14)	18.05 (8.76)	22.47 (9.58)	18.94 (9.2)	21.17 (9.03)	14.38 (6.98)	14.77 (6.3)	76.54 (37.16)	90.68 (38.67)	205.98 (100)	234.52 (100)
Mormugao	97.42 (44.33)	112.80 (47.95)	15.42 (7.02)	10.85 (4.61)	20.49 (9.32)	25.76 (10.95)	13.40 (6.1)	13.85 (5.89)	67.30 (30.62)	70.03 (29.77)	5.74 (2.61)	1.96 (.83)	219.77 (100)	235.25 (100)
Mumbai (1)	488.61 (65.31)	636.36 (73.11)	3.57 (.48)	4.43 (.51)	38.17 (5.1)	32.70 (3.76)	55.75 (7.45)	57.43 (6.6)	154.21 (20.61)	134.18 (15.42)	7.80 (1.04)	5.35 (.61)	748.11 (100)	870.45 (100)
J. L. Nehru	107.42 (26.03)	109.33 (25.1)	12.17 (2.95)	8.91 (2.05)	32.49 (7.87)	46.58 (10.69)	35.59 (8.63)	35.91 (8.24)	187.70 (45.49)	192.97 (44.3)	37.24 (9.03)	41.92 (9.62)	412.61 (100)	435.62 (100)
Kandla	130.05 (39.84)	130.05 (39.84)	5.27 (1.61)	5.27 (1.61)	24.19 (7.41)	24.19 (7.41)	34.08 (10.44)	34.08 (10.44)	128.84 (39.47)	128.84 (39.47)	4.03 (1.23)	4.03 (1.23)	326.46 (100)	326.46 (100)
Ennore	3.44 (4.01)	7.46 (7.7)	0.00 (.)	0.00 (.)	7.02 (8.19)	6.16 (6.36)	11.82 (13.8)	12.63 (13.04)	24.86 (29.01)	17.21 (17.77)	38.54 (44.98)	53.39 (55.13)	85.68 (100)	96.85 (100)
<b>Total</b>	1770.94 (36.29)	2226.88 (40.89)	156.20 (2.87)	157.18 (2.89)	391.68 (8.03)	452.50 (8.31)	334.52 (6.86)	348.58 (6.4)	1071.85 (21.97)	1115.71 (20.49)	1154.52 (23.66)	1144.54 (21.02)	4879.71 (100)	5445.39 (100)

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

(1) : Includes Ex-BDL

Source : Major Ports

**Table 2.1.38****Operating Financial Parameters Per Tonne Of Cargo  
Handled at Major Ports : 2007-08, 2008-09 & 2009-10****(Rs.)**

Port	Operating Income			Operating Expenditure			Surplus/Deficit per ton		
	2007-08	2008-09	2009-10	2007-08	2008-09	2009-10	2007-08	2008-09	2009-10
1	2	3	4	5	6	7	8	9	10
KPT	52.61	56.60	56.50	38.20	45.20	45.34	14.42	11.40	11.16
MbPT	143.44	155.90	164.12	99.45	121.42	132.05	43.99	34.48	32.07
JNPT	159.54	168.43	171.50	56.20	65.51	64.79	103.34	102.92	106.70
MoPT	70.46	66.09	66.91	52.56	52.73	48.16	17.90	13.37	18.75
NMPT	75.26	82.03	89.63	38.83	41.41	51.58	36.43	40.62	38.05
CoPT	139.21	134.50	133.16	114.61	126.15	133.66	24.60	8.35	-0.50
TPT	90.95	99.83	101.06	34.80	44.74	49.86	56.14	55.09	51.20
ChPT	109.89	116.80	117.65	70.14	79.23	87.27	39.76	37.57	30.38
EPL	110.72	119.79	133.29	32.76	30.72	28.81	77.96	89.07	104.48
VPT	87.53	93.84	100.88	43.24	54.75	70.95	44.29	39.10	29.94
PPT	150.81	150.11	131.36	74.41	77.17	68.51	76.39	72.94	62.84
HDS	230.36	243.44	291.64	116.84	135.07	202.04	113.52	108.37	89.59
KDS	263.54	293.51	345.56	177.51	241.12	294.06	86.03	52.39	51.50
<b>All Major Ports</b>	121.55	125.75	128.30	67.33	76.49	84.15	54.22	49.26	44.16

Source: Major Ports

Table 2.2.1

## Traffic Handled at Non-Major Ports ( State-wise &amp; Port-wise) - 2007-08, 2008-09 &amp; 2009-10

('000 Tonnes)

States/U.T.	2007-08						2008-09						2009-10					
	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	1386	3835	5221	2	77	79	1400	1169	2569	-	29	29	1323	495	1818	20	197	217
Bhavnagar	83	18	101	8	1	9	84	-	84	-	-	-	52	-	52	-	-	-
Dahej	9724	1573	11297	24	118	142	9383	1320	10703	120	172	292	10586	1119	11705	514	311	825
GAPL	16953	2094	19047	560	241	801	30266	2407	32673	2525	353	2878	32774	1477	34251	4792	554	5346
GPPL	1128	292	1420	195	31	226	3087	249	3336	290	83	373	6140	63	6203	354	290	644
Jafrabad	772	4998	5770	-	2923	2923	253	2314	2567	-	2243	2243	561	2506	3067	-	2380	2380
Magdalla	4472	1670	6142	7548	480	8028	4786	1278	6064	7767	217	7984	4799	1368	6167	9177	947	10124
Mul-Dwarka	976	1122	2098	-	1695	1695	666	910	1576	-	1851	1851	561	603	1164	-	2007	2007
Navalakhi	2316	122	2438	3	-	3	2704	130	2834	-	-	-	4344	120	4464	-	-	-
Okha	4108	-	4108	-	-	-	1701	-	1701	-	-	-	1096	-	1096	-	-	-
Porbandar	2843	611	3454	-	44	44	2124	529	2653	26	-	26	492	373	865	152	-	152
Sikka	36332	23060	59392	333	2153	2486	39468	23233	62701	191	2388	2579	62435	33894	96329	233	10632	10865
Veraval	-	-	-	-	63	63	-	-	-	-	66	66	-	-	-	-	73	73
Mundra (Old)	7	132	139	-	-	-	11	98	109	1	-	1	8	34	42	-	-	-
Jakhau	-	683	683	-	49	49	200	1079	1279	-	54	54	359	914	1273	-	96	96
Others	12661	-	12661	2	-	2	3580	1	3581	1	4	5	4355	1	4356	-	2	2
<b>TOTAL</b>	<b>93761</b>	<b>40210</b>	<b>133971</b>	<b>8675</b>	<b>7875</b>	<b>16550</b>	<b>99713</b>	<b>34717</b>	<b>134430</b>	<b>10921</b>	<b>7460</b>	<b>18381</b>	<b>129885</b>	<b>42967</b>	<b>172852</b>	<b>15242</b>	<b>17489</b>	<b>32731</b>
<b>MAHARASHTRA</b>																		
Dabhol	212	-	212	14	53	67	-	-	-	32	189	221	11	-	11	22	5	27
Dahanu	154	-	154	-	-	-	341	-	341	-	-	-	-	-	-	824	-	824
Dharamtar	2916	87	3003	3318	-	3318	2171	62	2233	2856	-	2856	3802	104	3906	2893	40	2933
Ratnagiri	342	-	342	382	-	382	360	-	360	365	-	365	259	-	259	438	-	438
Revdanda	216	102	318	563	264	827	-	999	999	-	30	30	411	146	557	395	291	686
Ulwa-Belapur	-	-	-	1407	-	1407	-	-	-	1559	3	1562	-	-	-	1518	-	1518
Jaigad	-	153	153	-	-	0	21	350	371	-	-	-	2	173	175	-	-	-
Redi	-	567	567	-	-	0	-	529	529	-	-	-	486	-	486	-	-	-
Dighi (Rajpuri)	-	-	-	-	-	-	-	161	161	-	67	67	-	-	-	-	-	-
Kelshi	-	288	288	-	-	-	-	262	262	-	43	43	-	223	223	-	-	-
Others	0	323	323	2	-	2	-	13	13	1	2	3	-	-	-	2	1	3
<b>TOTAL</b>	<b>3840</b>	<b>1520</b>	<b>5360</b>	<b>5686</b>	<b>317</b>	<b>6003</b>	<b>2893</b>	<b>2376</b>	<b>5269</b>	<b>4813</b>	<b>334</b>	<b>5147</b>	<b>4971</b>	<b>646</b>	<b>5617</b>	<b>6092</b>	<b>337</b>	<b>6429</b>
<b>GOA</b>																		
Panaji	89	12657	12746	-	79	79	-	11900	11900	-	1	1	218	13679	13897	-	-	-
<b>TOTAL</b>	<b>89</b>	<b>12657</b>	<b>12746</b>	<b>-</b>	<b>79</b>	<b>79</b>	<b>-</b>	<b>11900</b>	<b>11900</b>	<b>-</b>	<b>1</b>	<b>1</b>	<b>218</b>	<b>13679</b>	<b>13897</b>	<b>-</b>	<b>-</b>	<b>-</b>

Note : The cargo data of GAPL &amp; GPPL for 2008-09 &amp; 2009-10 include containers.

: Break-up of the container is not given in 2007-08

Table 2.2.1(Contd...)

## Traffic Handled at Non-Major Ports (State-wise &amp; Port-wise) - 2007-08, 2008-09 &amp; 2009-10

('000 Tonnes)

States/U.T.	2007-08						2008-09						2009-10					
	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>																		
<b>Kakinada</b>																		
Anchorage Port	1051	2850	3901	40	78	118	746	1374	2120	-	72	72	290	475	765	-	54	54
Deep Water Port	7849	4301	12150	493	-	493	10733	2890	13623	890	-	890	7097	3494	10591	1332	14	1346
Rawa	-	-	-	-	2628	2628	-	-	-	-	2179	2179	-	-	-	-	1847	1847
Krishnapatnam	-	-	-	-	-	-	712	7489	8201	8	-	8	5002	11121	16123	12	-	12
Gangavaram	-	-	-	-	-	-	2498	129	2627	-	-	-	10157	2691	12848	97	7	104
<b>TOTAL</b>	<b>8900</b>	<b>7151</b>	<b>16051</b>	<b>533</b>	<b>2706</b>	<b>3239</b>	<b>14689</b>	<b>11882</b>	<b>26571</b>	<b>898</b>	<b>2251</b>	<b>3149</b>	<b>22546</b>	<b>17781</b>	<b>40327</b>	<b>1441</b>	<b>1922</b>	<b>3363</b>
<b>TAMIL NADU</b>																		
Ennore	45	-	45	-	-	-	21	-	21	-	-	-	45	-	45	-	-	-
PY-3	-	-	-	-	164	164	-	-	-	-	114	114	-	-	-	-	68	68
Nagapattinam	45	-	45	193	88	281	46	-	46	163	182	345	57	-	57	295	253	548
Thrukkadaiyur	-	-	-	269	-	269	10	-	10	352	-	352	-	-	-	326	-	326
Others	69	14	83	-	-	-	8	-	8	-	2	2	116	11	127	-	3	3
<b>TOTAL</b>	<b>159</b>	<b>14</b>	<b>173</b>	<b>462</b>	<b>252</b>	<b>714</b>	<b>85</b>	<b>-</b>	<b>85</b>	<b>515</b>	<b>298</b>	<b>813</b>	<b>218</b>	<b>11</b>	<b>229</b>	<b>621</b>	<b>324</b>	<b>945</b>
<b>KERALA</b>																		
Kozikode/Beyypore	-	-	-	17	76	93	-	11	11	48	62	110	-	-	-	34	71	105
Kovalam/Vizhinjam	-	11	11	-	-	-	-	10	10	-	-	-	-	11	11	-	-	-
Others	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	-	-	-
<b>TOTAL</b>	<b>-</b>	<b>11</b>	<b>11</b>	<b>17</b>	<b>76</b>	<b>93</b>	<b>-</b>	<b>21</b>	<b>21</b>	<b>48</b>	<b>62</b>	<b>110</b>	<b>-</b>	<b>14</b>	<b>14</b>	<b>34</b>	<b>71</b>	<b>105</b>
<b>KARNATAKA</b>																		
Karwar	66	2529	2595	114	8	122	55	2885	2940	17	-	17	120	1931	2051	150	-	150
Old Mangalore	-	-	-	12	65	77	-	-	-	9	84	93	-	-	-	8	69	77
Malpe	-	-	-	1	13	14	-	-	-	-	6	6	-	-	-	1	1	2
Tadri	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Belkeri	-	6084	6084	5	2	7	-	1911	1911	1	-	1	-	6254	6254	12	-	12
Others	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
<b>TOTAL</b>	<b>66</b>	<b>8613</b>	<b>8679</b>	<b>132</b>	<b>88</b>	<b>220</b>	<b>55</b>	<b>4796</b>	<b>4851</b>	<b>27</b>	<b>90</b>	<b>117</b>	<b>120</b>	<b>8186</b>	<b>8306</b>	<b>171</b>	<b>70</b>	<b>241</b>
<b>PUDUCHERRY</b>																		
Pondicherry	10	-	10	-	-	-	47	-	47	-	-	-	1278	38	1316	-	-	-
<b>TOTAL</b>	<b>10</b>	<b>-</b>	<b>10</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>47</b>	<b>-</b>	<b>47</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1278</b>	<b>38</b>	<b>1316</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>ORISSA</b>																		
Gopalpur	206	89	295	-	-	-	201	94	295	-	-	-	174	291	465	-	-	-
<b>TOTAL</b>	<b>206</b>	<b>89</b>	<b>295</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>201</b>	<b>94</b>	<b>295</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>174</b>	<b>291</b>	<b>465</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>SEA ISLANDS</b>																		
Andaman Nicobar	9	-	9	1341	809	2150	76	-	76	1258	675	1933	476	10	486	1082	506	1588
Lakshadweep	-	-	-	26	-	26	-	-	-	26	-	26	-	-	-	26	-	26
<b>TOTAL</b>	<b>9</b>	<b>-</b>	<b>9</b>	<b>1367</b>	<b>809</b>	<b>2176</b>	<b>76</b>	<b>-</b>	<b>76</b>	<b>1284</b>	<b>675</b>	<b>1959</b>	<b>476</b>	<b>10</b>	<b>486</b>	<b>1108</b>	<b>506</b>	<b>1614</b>

Source : State / UT Maritime Boards

Table 2.2.2

**Traffic Handled at Non-Major Ports (State-wise & Principal Commodity-wise) -  
2007-08, 2008-09 & 2009-10**

('000 Tonnes)

	2007-08						2008-09						2009-10					
	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 Product	51572	24502	76074	2208	2201	4409	56275	24366	80641	4230	2511	6741	78761	34407	113168	8758	10891	19649
Coal	12663	523	13186	2	126	128	15804	592	16396	10	58	68	21003	519	21522	17	97	114
Building Material	597	6412	7009	729	4693	5422	876	3697	4573	877	4135	5012	344	3433	3777	1090	4454	5544
Fertiliser & FRM	4361	-	4361	-	-	-	4918	174	5092	-	-	-	4783	238	5021	0	0	0
Chemicals	338	576	914	47	165	212	431	468	899	55	210	265	624	154	778	40	334	374
Iron Ore	166	289	455	5424	197	5621	52	212	264	5584	52	5636	599	216	815	5082	948	6030
Iron & Steel	1443	1838	3281	112	170	282	1510	1719	3229	107	144	251	1211	945	2156	156	192	348
Other Ore	6512	3438	9950	-	-	-	3069	437	3506	26	-	26	1753	130	1883	80	242	322
Foodgrains	1452	109	1561	-	15	15	17	33	50	-	25	25	7	236	243	0	5	5
Salt	4	608	612	1	90	91	43	996	1039	-	102	102	31	806	837	0	140	140
Oil Cake	0	735	735	-	-	-	-	564	564	-	-	-	0	185	185	0	1	1
Edible Oil	2560	379	2939	-	1	1	1942	132	2074	-	12	12	682	858	1540	0	0	0
Others *	12093	801	12894	152	217	369	14776	1327	16103	32	211	243	20087	840	20927	19	185	204
<b>Total</b>	<b>93761</b>	<b>40210</b>	<b>133971</b>	<b>8675</b>	<b>7875</b>	<b>16550</b>	<b>99713</b>	<b>34717</b>	<b>134430</b>	<b>10921</b>	<b>7460</b>	<b>18381</b>	<b>129885</b>	<b>42967</b>	<b>172852</b>	<b>15242</b>	<b>17489</b>	<b>32731</b>
<b>MAHARASHTRA</b>																		
Iron Ore	0	669	669	2921	145	3066	168	1528	1696	2577	-	2577	1932	154	2086	2891	78	2969
Iron & Steel	298	-	298	79	119	198	342	-	342	15	30	45	22	6	28	40	57	97
POL & other Product	396	-	396	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Building Material	131	-	131	2067	53	2120	-	-	-	2163	189	2352	36	-	36	2163	-	2163
Coal	1941	-	1941	51	-	51	1420	-	1420	40	-	40	2012	-	2012	868	-	868
Fertiliser & FRM	442	-	442	-	-	-	277	-	277	-	-	-	205	-	205	16	-	16
Chemicals	140	-	140	-	-	-	233	-	233	-	-	-	123	-	123	34	-	34
Others	492	851	1343	568	0	568	453	848	1301	18	115	133	641	486	1127	80	202	282
<b>Total</b>	<b>3840</b>	<b>1520</b>	<b>5360</b>	<b>5686</b>	<b>317</b>	<b>6003</b>	<b>2893</b>	<b>2376</b>	<b>5269</b>	<b>4813</b>	<b>334</b>	<b>5147</b>	<b>4971</b>	<b>646</b>	<b>5617</b>	<b>6092</b>	<b>337</b>	<b>6429</b>
<b>GOA</b>																		
Iron Ore	-	12657	12657	-	78	78	-	11900	11900	-	1	1	-	13679	13679	-	-	-
Coal	89	-	89	-	-	-	-	-	-	-	-	-	218	-	218	-	-	-
Others	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>89</b>	<b>12657</b>	<b>12746</b>	<b>-</b>	<b>79</b>	<b>79</b>	<b>-</b>	<b>11900</b>	<b>11900</b>	<b>-</b>	<b>1</b>	<b>1</b>	<b>218</b>	<b>13679</b>	<b>13897</b>	<b>-</b>	<b>-</b>	<b>-</b>

Table 2.2.2 (Contd...)

**Traffic Handled at Non-Major Ports (State-wise & Principal Commodity-wise) -  
2007-08, 2008-09 & 2009-10**

('000 Tonnes)

Commodity	2007-08						2008-09						2009-10					
	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 Product	-	-	-	462	251	713	-	-	-	515	288	803	97	-	97	621	317	938
Edible Oil	30	-	30	-	-	-	46	-	46	-	-	-	47	-	47	-	-	-
Fertiliser & FRM	93	-	93	-	-	-	21	-	21	-	-	-	45	-	45	-	-	-
Bldg. Material	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others	36	14	50	-	1	1	18	-	18	-	10	10	29	11	40	-	7	7
<b>Total</b>	<b>159</b>	<b>14</b>	<b>173</b>	<b>462</b>	<b>252</b>	<b>714</b>	<b>85</b>	<b>-</b>	<b>85</b>	<b>515</b>	<b>298</b>	<b>813</b>	<b>218</b>	<b>11</b>	<b>229</b>	<b>621</b>	<b>324</b>	<b>945</b>
<b>KERALA</b>																		
Bldg. Material	-	-	-	-	19	19	-	-	-	-	40	40	-	-	-	-	26	26
POL & other Product	-	-	-	-	2	2	-	11	11	-	-	-	-	-	-	-	1	1
Others	-	11	11	17	55	72	-	10	10	48	22	70	-	14	14	34	44	78
<b>Total</b>	<b>-</b>	<b>11</b>	<b>11</b>	<b>17</b>	<b>76</b>	<b>93</b>	<b>-</b>	<b>21</b>	<b>21</b>	<b>48</b>	<b>62</b>	<b>110</b>	<b>-</b>	<b>14</b>	<b>14</b>	<b>34</b>	<b>71</b>	<b>105</b>
<b>PUDUCHERRY</b>																		
Building Material	-	-	-	-	-	-	-	-	-	-	-	-	-	22	22	-	-	-
Coal	-	-	-	-	-	-	-	-	-	-	-	-	1157	-	1157	-	-	-
Others	10	-	10	-	-	-	47	-	47	-	-	-	121	16	137	-	-	-
<b>Total</b>	<b>10</b>	<b>-</b>	<b>10</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>47</b>	<b>-</b>	<b>47</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1278</b>	<b>38</b>	<b>1316</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>A &amp; N ISLANDS</b>																		
POL & other Product	5	-	5	156	16	172	6	-	6	142	17	159	6	-	6	142	17	159
Bldg. Material	4	-	4	809	644	1453	1	-	1	690	429	1119	-	-	-	526	311	837
Foodgrains	-	-	-	95	17	112	64	-	64	90	77	167	42	10	52	86	43	129
Fertiliser & FRM	-	-	-	1	1	2	-	-	-	3	1	4	-	-	-	6	2	8
Others	0	0	0	280	131	411	5	0	5	333	151	484	428	-	428	322	133	455
<b>Total</b>	<b>9</b>	<b>-</b>	<b>9</b>	<b>1341</b>	<b>809</b>	<b>2150</b>	<b>76</b>	<b>-</b>	<b>76</b>	<b>1258</b>	<b>675</b>	<b>1933</b>	<b>476</b>	<b>10</b>	<b>486</b>	<b>1082</b>	<b>506</b>	<b>1588</b>
<b>LAKSHADWEEP</b>																		
Others	-	-	-	26	-	26	-	-	-	26	-	26	-	-	-	26	-	26
<b>Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>26</b>	<b>-</b>	<b>26</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>26</b>	<b>-</b>	<b>26</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>26</b>	<b>-</b>	<b>26</b>
<b>ANDHRA PRADESH</b>																		
POL & other Product	6120	-	6120	460	2628	3088	6763	-	6763	496	2179	2675	1605	-	1605	212	1849	2061
Fertiliser & FRM	1977	-	1977	-	-	-	3230	-	3230	-	1	1	4123	-	4123	51	-	51
Edible Oil	665	1	666	-	-	-	1019	-	1019	-	-	-	985	42	1027	7	-	7
Coal	49	-	49	-	-	-	3107	19	3126	394	-	394	14217	-	14217	1026	-	1026
Bldg. Material	37	-	37	-	60	60	75	9	84	-	71	71	154	500	654	-	54	54
Chemicals	-	-	-	21	-	21	48	-	48	-	-	-	36	-	36	9	-	9
Iron ore	-	3593	3593	-	-	-	52	9413	9465	-	-	-	-	15263	15263	-	-	-
Others	52	3557	3609	52	18	70	395	2441	2836	8	-	8	1426	1976	3402	136	19	155
<b>Total</b>	<b>8900</b>	<b>7151</b>	<b>16051</b>	<b>533</b>	<b>2706</b>	<b>3239</b>	<b>14689</b>	<b>11882</b>	<b>26571</b>	<b>898</b>	<b>2251</b>	<b>3149</b>	<b>22546</b>	<b>17781</b>	<b>40327</b>	<b>1441</b>	<b>1922</b>	<b>3363</b>

**Table 2.2.2  
(Contd...)**

**Traffic Handled at Non-Major Ports (State-wise & Principal Commodity-wise) -  
2007-08, 2008-09 & 2009-10**

(’000 Tonnes)

Commodity	2007-08						2008-09						2009-10					
	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	-	257	257	-	52	52	-	379	379	-	64	64	-	332	332	-	5	5
Fertiliser & FRM	36	-	36	-	-	-	29	-	29	-	-	-	-	-	-	-	-	-
Salt	-	-	-	80	-	80	-	66	66	1	-	1	-	-	-	63	13	76
Coal	-	-	-	-	-	-	13	-	13	-	-	-	-	-	-	-	-	-
POL & other Product	26	2	28	26	1	27	-	-	-	16	1	17	-	-	-	36	-	36
Bldg. Material	-	-	-	-	5	5	-	-	-	-	7	7	-	-	-	-	29	29
Iron ore	-	8042	8042	-	-	-	-	4283	4283	-	-	-	-	7841	7841	-	-	-
Others	4	312	316	26	30	56	13	68	81	10	18	28	120	13	133	72	23	95
<b>Total</b>	<b>66</b>	<b>8613</b>	<b>8679</b>	<b>132</b>	<b>88</b>	<b>220</b>	<b>55</b>	<b>4796</b>	<b>4851</b>	<b>27</b>	<b>90</b>	<b>117</b>	<b>120</b>	<b>8186</b>	<b>8306</b>	<b>171</b>	<b>70</b>	<b>241</b>
<b>ORISSA</b>																		
Fertiliser & FRM	201	-	201	-	-	-	201	-	201	-	-	-	32	-	32	-	-	-
Iron ore	-	41	41	-	-	-	-	41	41	-	-	-	-	130	130	-	-	-
Coal	-	-	-	-	-	-	-	-	-	-	-	-	142	-	142	-	-	-
Others	5	48	53	-	-	-	-	53	53	-	-	-	-	161	161	-	-	-
<b>Total</b>	<b>206</b>	<b>89</b>	<b>295</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>201</b>	<b>94</b>	<b>295</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>174</b>	<b>291</b>	<b>465</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>ALL STATES</b>																		
POL & other Pdcts	58119	24504	82623	3312	5099	8411	63044	24377	87421	5399	4996	10395	80469	34407	114876	9769	13075	22844
Coal	14742	523	15265	53	126	179	20344	611	20955	444	58	502	38749	519	39268	1911	97	2008
Building Material	769	6412	7181	3605	5474	9079	952	3706	4658	3730	4871	8601	534	3955	4489	3779	4874	8653
Fertiliser & FRM	7110	-	7110	1	1	2	8676	174	8850	3	2	5	9188	238	9426	73	2	75
Chemicals	478	576	1054	68	165	233	712	468	1180	55	210	265	783	154	937	83	334	417
Iron Ore	166	25291	25457	8345	420	8765	272	27377	27649	8161	53	8214	2531	37283	39814	7973	1026	8999
Iron & Steel	1741	1838	3579	191	289	480	1852	1719	3571	122	174	296	1233	951	2184	196	249	445
Other Ore	6512	3438	9950	-	-	-	3069	437	3506	26	-	26	1753	130	1883	80	242	322
Salt	4	608	612	81	90	171	43	1062	1105	1	102	103	31	806	837	63	153	216
Oil Cake	-	735	735	-	-	-	-	564	564	-	-	-	0	185	185	0	1	1
Edible Oil	3255	380	3635	-	1	1	3007	132	3139	-	12	12	1714	900	2614	7	0	7
Foodgrains	1452	109	1561	95	32	127	81	33	114	90	102	192	49	246	295	86	48	134
Other Minerals	0	257	257	-	52	52	-	379	379	-	64	64	0	332	332	0	5	5
Others	12692	5594	18286	1121	453	1574	15707	4747	20454	475	527	1002	22852	3517	26369	689	613	1302
<b>Total</b>	<b>107040</b>	<b>70265</b>	<b>177305</b>	<b>16872</b>	<b>12202</b>	<b>29074</b>	<b>117759</b>	<b>65786</b>	<b>183545</b>	<b>18506</b>	<b>11171</b>	<b>29677</b>	<b>159886</b>	<b>83623</b>	<b>243509</b>	<b>24709</b>	<b>20719</b>	<b>45428</b>

Source : States/UT Maritime Boards

Table 2.2.3

**Commodity-wise Overseas Cargo Traffic Handled At Select  
Non-Major Ports - 2007-08, 2008-09, & 2009-10**

('000 Tonnes)

Port/Commodity	2007-08			2008-09			2009-10		
	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>	1386	3835	5221	1400	1169	2569	1323	495	1818
a)Others Ore	-	3047	3047	-	418	418	-	94	94
b)Fertilizers & FRM	522	-	522	634	-	634	548	-	548
c)Oil Cakes	-	735	735	-	564	564	-	185	185
d)Coal	856	-	856	762	65	827	775	214	989
e)Others	8	53	61	4	122	126	-	2	2
<b>2. Okha</b>	4108	-	4108	1701	-	1701	1096	-	1096
a)Chemicals	113	-	113	135	-	135	103	-	103
b) Coal	732	-	732	602	-	602	546	-	546
c)Ore	3126	-	3126	760	-	760	411	-	411
d)Others	137	-	137	204	-	204	36	-	36
<b>3.GAPL</b>	16953	2094	19047	30338	2407	32745	32774	1477	34251
a)Edible Oil	258	14	272	555	-	555	498	-	498
b)Food grains	1394	-	1394	-	-	-	-	208	208
c)Iron & steel	1413	1148	2561	1406	1209	2615	1072	790	1862
d)POL&Other Products	7694	112	7806	8124	32	8156	8052	22	8074
e)Fertiliser&FRM	1888	-	1888	2667	-	2667	2076	-	2076
f)Coal	4041	-	4041	7267	93	7360	8518	20	8538
g)Others	265	820	1085	10319	1073	11392	12558	437	12995
<b>4.Navalakhi</b>	2316	122	2438	2704	130	2834	4344	120	4464
a)Coal	2316	-	2316	2704	-	2704	4344	-	4344
b)Salt	-	122	122	-	130	130	-	120	120
c)Others	-	-	-	-	-	-	-	-	-
<b>5.Mul-Dwarka</b>	976	1122	2098	666	910	1576	561	603	1164
a)Building Material	-	1122	1122	-	910	910	-	603	603
b)Coal	837	-	837	548	-	548	481	-	481
c)POL&Other Products	44	-	44	11	-	11	28	-	28
d)Others	95	-	95	107	-	107	52	-	52
<b>6. Sikka</b>	36332	23060	59392	39468	23233	62701	62435	33894	96329
a)POL&Other Products	32834	22662	55496	37351	22835	60186	61121	32412	93533
b)Fertiliser & FRM	927	-	927	670	174	844	953	239	1192
c)Building Material	31	-	31	-	77	77	-	77	77
d)Coal	93	-	93	52	-	52	177	-	177
e)Edible oil	2290	-	2290	1386	132	1518	184	858	1042
f)Others	157	398	555	9	15	24	-	308	308
<b>7. Magdalla</b>	4472	1670	6142	4786	1278	6064	4799	1368	6167
a)POL&Other Products	2241	736	2977	2359	626	2985	383	948	1331
b)Iron Ore	166	289	455	-	212	212	584	216	800
c)Iron & Steel	3	476	479	41	319	360	79	110	189
d)Coal	1780	-	1780	2124	-	2124	2953	-	2953
e)Others	282	169	451	262	121	383	800	94	894
<b>8. Jafarabad</b>	499	2499	2998	253	2314	2567	561	2506	3067
a)Coal	473	-	473	253	-	253	561	-	561
b)Building Material	-	2499	2499	-	2314	2314	-	2506	2506
c)Others	26	-	26	-	-	-	-	-	-

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

**Commodity-wise Overseas Cargo Traffic Handled At Select  
Non-Major Ports - 2007-08, 2008-09, & 2009-10**

('000 Tonnes)

Port/Commodity	2007-08			2008-09			2009-10		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
<b>9. Dahej</b>	9724	1573	11297	9383	1320	10703	10586	1119	11705
a)POL&Other Products	6847	898	7745	6870	814	7684	7776	973	8749
b)Chemicals	186	550	736	192	468	660	261	122	383
c)Fertiliser&FRM	525	-	525	512	-	512	518	-	518
d)Coal	594	-	594	344	-	344	479	-	479
e)Other ores	1254	-	1254	1195	19	1214	1241	-	1241
f)Others	318	125	443	270	19	289	311	24	335
<b>10. GPPL</b>	1128	292	1420	3087	249	3336	6140	63	6203
a)Building Material	-	62	62	-	57	57	-	19	19
b)Coal	694	-	694	836	-	836	1758	-	1758
c)Iron&Steel	13	224	237	39	191	230	55	44	99
d)Fertiliser&FRM	418	-	418	432	-	432	689	-	689
e)Others	3	6	9	1780	1	1781	3638	-	3638
<b>MAHARASHTRA</b>									
<b>1. Revdanda</b>	216	102	318	-	999	999	411	146	557
a)Iron Ore	216	-	216	-	999	999	392	106	498
b) Others	-	102	102	-	-	-	19	40	59
<b>2. Ratnagiri</b>	342	-	342	360	-	360	259	-	259
a) Chemicals	140	-	140	233	-	233	123	-	123
b) POL&Other Products	184	-	184	-	-	-	-	-	-
c) Coal	-	-	-	-	-	-	55	-	55
d) Others	18	-	18	127	-	127	81	-	81
<b>3) Dharamtar</b>	2916	87	3003	2171	62	2233	3802	104	3906
a) Iron ore	-	-	-	168	-	168	1054	49	1103
b) Coal	1787	-	1787	1080	-	1080	1938	-	1938
c)Iron&Steel	298	-	298	342	-	342	22	6	28
d)Fertiliser&FRM	442	-	442	277	-	277	205	-	205
e)Others	389	87	476	304	62	366	583	49	632
<b>4) Dahanu</b>	154	-	154	341	-	341	-	-	-
a) Coal	154	-	154	341	-	341	-	-	-
<b>5)Dabhol</b>	212	-	212	-	-	-	11	-	11
a) POL&Other Products	212	-	212	-	-	-	-	-	-
b)Others	-	-	-	-	-	-	11	-	11
<b>KARNATAKA</b>									
<b>1. Karwar</b>	66	2529	2595	55	2885	2940	120	1931	2051
a)Fertilizer &FRM	36	-	36	29	-	29	-	-	-
b) Other minerals	-	257	257	-	379	379	-	332	332
c)Iron ore	-	1958	1958	-	2376	2376	-	1599	1599
d)POL&Other Products	26	2	28	-	-	-	-	-	-
e)Others	4	312	316	26	130	156	120	-	120
<b>2.Belkeri</b>	-	6084	6084	-	1911	1911	-	6254	6254
a) Iron ore	-	6084	6084	-	1907	1907	-	6242	6242
b)Others	-	-	-	-	4	4	-	12	12
<b>KERALA</b>									
<b>1.Kozikode/Beypore</b>	-	-	-	-	11	11	-	-	-
a)Others	-	-	-	-	11	11	-	-	-
<b>2.Kovalam-Vizhinjam</b>	-	11	11	-	10	10	-	11	11
a)Others	-	11	11	-	10	10	-	11	11

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

**Commodity-wise Overseas Cargo Traffic Handled At Select  
Non-Major Ports - 2007-08, 2008-09, & 2009-10**

('000 Tonnes)

Port/Commodity	2007-08			2008-09			2009-10		
	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>	45	-	45	21	-	21	45	-	45
a)Fertiliser&FRM	45	-	45	21	-	21	45	-	45
b)Others	-	-	-	-	-	-	-	-	-
<b>2. Nagapattinam</b>	45	-	45	46	-	46	57	-	57
a)Edible Oil	30	-	30	46	-	46	47	-	47
b)Others	15	-	15	-	-	-	10	-	10
<b>3. Cuddalore</b>	45	-	45	46	-	46	108	11	119
a)POL&Other Products	30	-	30	46	-	46	97	-	97
b)Others	15	-	15	-	-	-	11	11	22
<b>GOA</b>									
<b>Panaji</b>	89	12657	12746	-	11900	11900	218	13679	13897
a) Iron ore	-	12657	12657	-	11900	11900	-	13679	13679
b) Coal	89	-	80	-	-	-	218	-	218
c)Others	-	-	-	-	-	-	-	-	-
<b>ANDHRA PRADESH</b>									
<b>1. Kakinada Anchorage Port</b>	1051	2850	3901	747	1374	2121	290	475	765
a)Foodgrain	-	2025	2025	34	524	558	-	432	432
b)Fertiliser &FRM	1024	-	1024	613	-	613	109	-	109
c) Coal	-	-	-	92	-	92	154	-	154
d)Others	27	825	852	8	850	858	27	43	70
<b>2. Kakinada Deep Water Port</b>	7849	4301	12150	10733	2890	13623	7097	3494	10591
a)Fertiliser &FRM	953	-	953	2432	-	2432	2960	-	2960
b)Edible Oil	665	2	667	1014	-	1014	939	-	939
c)POL&Other Products	6120	-	6120	6762	-	6762	1605	-	1605
d)Iron ore	-	3593	3593	-	1906	1906	-	2429	2429
e)Coal	49	-	49	418	19	437	1165	-	1165
e)Others	62	706	768	107	965	1072	428	1065	1493
<b>3.Krishnapatinam</b>	-	-	-	712	7489	8201	5002	11121	16123
a)Fertiliser &FRM	-	-	-	186	-	186	850	-	850
b) Iron ore	-	-	-	52	7422	7474	-	10622	10622
c) Coal	-	-	-	441	-	441	3878	-	3878
d)Others	-	-	-	33	67	100	274	499	773
<b>4. Gangavaram</b>	-	-	-	-	-	-	10157	2691	12848
a)Fertiliser &FRM	-	-	-	-	-	-	203	-	203
b) Iron ore	-	-	-	-	-	-	-	2213	2213
c) Coal	-	-	-	-	-	-	9019	-	9019
d)Others	-	-	-	-	-	-	935	478	1413
<b>ORISSA</b>									
<b>Gopalpur</b>	206	89	295	201	94	295	174	291	465
a)Fertiliser &FRM	201	-	201	201	-	201	32	-	32
b) Iron ore	-	41	41	-	41	41	-	130	130
c)Others	5	48	53	-	53	53	142	161	303
<b>PUDUCHERRY</b>									
<b>a)Chemicals</b>	10	-	10	47	-	47	1278	38	1316
a)Chemicals	10	-	10	47	-	47	20	10	30
b)Building Material	-	-	-	-	-	-	-	22	22
c)Coal	-	-	-	-	-	-	1157	-	1157
d)Others	-	-	-	-	-	-	101	6	107

Source : State / UT Maritime Boards

Table 2.2.4

**Commodity-wise Coastal Cargo Traffic Handled At Select  
Non-Major Ports - 2007-08, 2008-09 & 2009-10**

('000 Tonnes)

Port/Commodity	2007-08			2008-09			2009-10			
	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>		2	77	79	-	29	29	20	197	217
a)Coal		-	75	75	-	29	29	-	84	84
b)Building Material		-	-	-	-	-	-	20	-	20
c)Fertiliser&FRM		-	-	-	-	-	-	-	-	-
d)Others		2	2	4	-	-	-	-	113	113
<b>2.Okha</b>		-	-	-	-	-	-	-	-	-
a) Others		-	-	-	-	-	-	-	-	-
<b>3.GAPL</b>		560	241	801	2525	353	2878	4792	554	5346
a)POL&Other Products		559	113	672	2396	183	2579	4752	323	5075
b)Coal		-	38	38	-	-	-	-	-	-
c) Iron Ore		-	-	-	128	-	128	-	-	-
d)Others		1	90	91	1	170	171	40	231	271
<b>4.Navlakhi</b>		3	-	3	-	-	-	-	-	-
a) Others		3	-	3	-	-	-	-	-	-
<b>5.Mul-Dwarka</b>		-	1695	1695	-	1851	1851	-	2007	2007
a)Building Material		-	1695	1695	-	1851	1851	-	2007	2007
<b>6.Sikka</b>		333	2153	2486	191	2388	2579	233	10632	10865
a) POL&Other Products		223	2074	2297	179	2322	2501	233	10568	10801
b) Edible oil		-	-	-	-	-	-	-	-	-
c) Salt		-	79	79	-	66	66	-	64	64
d) Others		110	-	110	12	-	12	-	-	-
<b>7.Magdalla</b>		7548	480	8028	7767	216	7983	9177	946	10123
a) POL&Other Products		1426	14	1440	1558	6	1564	3276	-	3276
b)Building Material		726	-	726	852	-	852	918	-	918
c) Iron Ore		5334	191	5525	5285	-	5285	4871	732	5603
d) Iron & Steel		-	125	125	4	71	75	55	123	178
e) Others		62	150	212	68	139	207	57	91	148
<b>8.Jafarabad</b>		-	2923	2923	-	2243	2243	-	2380	2380
a)Building Material		-	2923	2923	-	2243	2243	-	2380	2380
<b>9.Dahej</b>		24	118	142	120	172	292	514	311	825
a) POL&Other Products		-	-	-	97	-	97	496	-	496
b)Chemicals		5	118	123	11	172	183	6	311	317
c)Others		19	-	19	12	-	12	12	-	12
<b>10.GPPL</b>		195	31	226	290	83	373	354	290	644
a)Building Material		-	-	-	1	7	8	-	-	-
b) Iron & Steel		100	11	111	90	4	94	64	40	104
c)Iron Ore		90	6	96	170	52	222	211	216	427
d)Others		2	14	16	29	20	49	79	34	113
<b>KARNATAKA</b>										
<b>1.Karwar</b>		114	8	122	17	-	17	150	-	150
a)Salt		79	-	79	-	-	-	63	-	63
b)Others		35	8	43	17	-	17	87	-	87
<b>2.Mangalore</b>		12	65	77	9	84	93	8	69	77
a)Other Minerals		-	39	39	-	58	58	-	4	4
b)Others		12	26	38	9	26	35	8	65	73

Table 2.2.4

**Commodity-wise Coastal Cargo Traffic Handled At Select  
Non-Major Ports - 2007-08, 2008-09 & 2009-10**

('000 Tonnes)

Port/Commodity	2007-08			2008-09			2009-10		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
<b>MAHARASHTRA</b>									
<b>1.Ratnagiri</b>	382	-	382	365	-	365	438	-	438
a)Building Material	382	-	382	365	-	365	373	-	373
b) POL&Other Products	-	-	-	-	-	-	-	-	-
c) Others	-	-	-	-	-	-	65	-	65
<b>2.Dharamtar</b>	3318	-	3318	2856	-	2856	2893	40	2933
a) Iron Ore	2921	-	2921	2577	-	2577	2496	-	2496
b)Building Material	278	-	278	239	-	239	270	-	270
c) Others	119	-	119	40	-	40	127	40	167
<b>3. Revdanda</b>	563	264	827	-	30	30	395	291	686
a) Iron Ore	563	145	708	-	-	-	395	77	472
b) Iron & Steel	-	119	119	-	30	30	-	57	57
c) Others	-	-	-	-	-	-	-	157	157
<b>4. Ulwa-Belapur</b>	1407	-	1407	1559	3	1562	1518	-	1518
a)Building Material	1407	-	1407	1559	-	1559	1518	-	1518
b) Others	-	-	-	-	3	3	-	-	-
<b>5.Dabhol</b>	14	53	67	32	190	222	22	5	27
a)POL&other Products	-	-	-	-	-	-	-	-	-
b)Building Material	-	53	53	-	190	190	-	-	-
c) Others	-	-	-	32	-	32	22	5	27
<b>6.Dahanu</b>	-	-	-	-	-	-	824	-	824
a)Coal	-	-	-	-	-	-	824	-	824
b)Building Material	-	-	-	-	-	-	-	-	-
<b>GOA</b>									
<b>1. Panaji</b>	-	79	79	-	1	1	-	-	-
a) Iron ore	-	79	79	-	1	1	-	-	-
b) Others	-	-	-	-	-	-	-	-	-
<b>KERALA</b>									
<b>1.Kozikoda/ Bepore</b>	17	76	93	48	62	110	34	71	105
a)Building material	-	19	19	-	39	39	-	26	26
b)Foodgrains	10	-	10	16	1	17	12	-	12
c)Others	7	57	64	32	22	54	22	45	67
<b>2)Neendakara</b>	-	-	-	-	-	-	-	-	-
<b>3)Kovlam-Vizanjam</b>	-	-	-	-	-	-	-	-	-
a)Others	-	-	-	-	-	-	-	-	-
<b>ANDHRA PRADESH</b>									
<b>1.Rawa Port</b>	-	2628	2628	-	2179	2179	-	1847	1847
a)Crude Oil	-	2628	2628	-	2179	2179	-	1847	1847
<b>2.Kakinada Anchorage Port</b>	40	78	118	-	72	72	-	54	54
a)Salt	33	-	33	-	-	-	-	-	-
b)Building material	-	60	60	-	71	71	-	54	54
c)Others	7	18	25	-	1	1	-	-	-
<b>3.Kakinada Deep Water</b>	493	-	493	890	-	890	1332	14	1346
a)POL&other Products	460	-	460	496	-	496	212	2	214
b)Chemical	21	-	21	-	-	-	8	-	9
c)Coal	-	-	-	394	-	394	1026	-	1026
d)Other	12	-	3	-	-	-	86	12	98
<b>4.Gangavaram</b>	-	-	-	-	-	-	97	7	104
a)Iron & steel	-	-	-	-	-	-	97	7	104
b)Other	-	-	-	-	-	-	-	-	-
<b>TAMIL NADU</b>									
<b>1.py-03</b>	-	104	104	-	114	114	-	68	68
a)Crude Oil	-	104	104	-	114	114	-	68	68
<b>2.Nagapattinam</b>	193	88	281	163	182	345	295	253	548
a)POL&other Products	193	87	280	163	174	337	294	248	542
b)Others	-	1	1	-	8	8	1	5	6
<b>3.Ennore</b>	-	-	-	-	-	-	-	-	-
<b>4.Thirukkadaiyur</b>	269	-	269	352	-	352	326	-	326
a)Crude Oil	269	-	269	352	-	352	326	-	326
b)Others	-	-	-	-	-	-	-	-	-
<b>ANDAMAN &amp; NICOBAR</b>									
a)Building Material	1341	809	2150	1258	675	1933	1083	506	1589
b)POL&Other Products	809	644	1453	690	429	1119	526	311	837
c)Foodgrains	156	16	172	142	17	159	141	17	158
d)Others	95	17	112	90	77	167	86	43	129
	281	132	413	336	152	488	330	135	465

Source : State / UT Maritime Boards

**Table 2.2.5****Cargo Handled at Non-Major Ports ( By Steamers & Sailing vessels) State Wise - 2008-09 & 2009-10**

(000 'Tonnes)

State/Port	Overseas				Coastal				Total	
	Unloaded		Loaded		Unloaded		Loaded		Overseas & Coastal	
	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
1	2	3	4	5	6	7	8	9	10	11
<b>Gujarat</b>	99713	129885	34717	42967	10921	15242	7460	17489	152811	205583
Steamers	99629	129870	34681	42929	10921	15242	7389	17444	152620	205485
S.V.	84	15	36	38	-	-	71	45	191	98
<b>Maharashtra</b>	2893	4971	2376	646	4813	6092	334	337	10416	12046
Steamers	2893	4971	2376	646	4813	6092	334	337	10416	12046
S.V.	-	-	-	-	-	-	-	-	-	-
<b>Goa</b>	-	218	11900	13679	-	-	1	-	11901	13897
Steamers	-	218	11900	13679	-	-	1	-	11901	13897
S.V.	-	-	-	-	-	-	-	-	-	-
<b>Karnataka</b>	55	120	4796	8186	27	171	90	70	4968	8547
Steamers	55	120	4796	8186	18	163	-	-	4869	8469
S.V.	-	-	-	-	9	8	90	70	99	78
<b>Tamilnadu</b>	85	218	-	11	515	621	298	324	898	1174
Steamers	85	218	-	11	515	621	298	324	898	1174
S.V.	-	-	-	-	-	-	-	-	-	-
<b>Andhra Pradesh</b>	14689	22546	11882	17781	898	1441	2251	1922	29720	43690
Steamers	14689	22546	11882	17781	898	1441	2251	1922	29720	43690
S.V.	-	-	-	-	-	-	-	-	-	-

**Table 2.2.5  
(Contd...)**

**Cargo Handled at Non-Major Ports ( By Steamers & Sailingvessels) State Wise - 2008-09 & 2009-10**

(000 'Tonnes)

State/Port	Overseas				Coastal				Total	
	Unloaded		Loaded		Unloaded		Loaded		Overseas & Coastal	
	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10
1	2	3	4	5	6	7	8	9	10	11
<b>Kerala</b>	-	-	21	14	48	34	62	71	131	119
Steamers	-	-	20	14	18	34	9	71	47	119
S.V.	-	-	1	-	30	-	53	-	84	-
<b>Puducherry</b>	47	1278	-	38	-	-	-	-	47	1316
Steamers	47	1278	-	38	-	-	-	-	47	1316
S.V.	-	-	-	-	-	-	-	-	-	-
<b>Orissa</b>	201	174	94	291	-	-	-	-	-	465
Steamers	201	174	94	291	-	-	-	-	-	465
S.V.	-	-	-	-	-	-	-	-	-	-
<b>Sea Islands</b>	76	476	-	10	1284	1108	675	506	2035	2100
Steamers	76	476	-	10	1284	1108	675	506	2035	2100
S.V.	-	-	-	-	-	-	-	-	-	-
<b>All States</b>	117759	159886	65786	83623	18506	24709	11171	20719	212927	288937
Steamers	117675	159871	65749	83585	18467	24701	10957	20604	212553	288761
S.V.	84	15	37	38	39	8	214	115	374	176

Source : State / UT Maritime Boards

**Table 2.2.6****Manpower Employment At Non-Major  
Ports - 2009-10****(In No.)**

States/UTs	Officers		Regular Workers		Casual Workers
	Sanctioned	Actual	Sanctioned	Actual	
1	2	3	4	5	6
Gujarat	193	168	1910	1442	283
Maharashtra	42	30	72	54	9
Goa	11	5	144	135	-
Daman & Diu	2	2	21	20	6
Karnataka*	117	67	181	78	5330
Kerala	57	37	324	138	2
Tamil Nadu	42	17	64	43	3
Puducherry	8	4	92	55	7
Andhra Pradesh	204	200	85	69	450
Andaman & Nicobar Islands	31	22	495	432	17
Orissa	34	34	42	84	4880
<b>Total</b>	741	586	3430	2550	10987

\* In Karnataka (Karwar Port & Belekeri port ) cargo handling operation is done by Private stevedors and C & F Agents.

Laboures are supplied by the Karwar port and Dock Labour Co- Operative society Karwar. Outsourcing Agency.

Source : State / UT Maritime Boards

Table 2.2.7

## Physical Performance of Non-Major Ports (2008-09 &amp; 2009-10)

Maritime State/U. Ts./Port	No. of Vessels Left		Turn Round Time (in Days)	
	2008-09	2009-10	2008-09	2009-10
1	2	3	4	5
<b>1.GUJARAT</b>				
Porbandar	151	129	2.9	2.9
Okha	70	58	Neg	Neg
Bedi	120	95	5.6	5.6
Sikka	958	1458	Neg	Neg
Navalakhi	71	105	Neg	Neg
Jafarabad	751	741	Neg	Neg
Bhavnagar	2	1	Neg	Neg
Mul-Dwarka	88	61	0.5	1.0
GAPL	1088	1221	0.4	0.4
GPPL	741	889	0.9	1.0
Rajpara	228	228	Neg	Neg
Victor	44	22	N.A	N.A
Rupean/Beyt	70	143	N.A	N.A
<b>2.KARNATAKA</b>				
Karwar	173	174	6.0	6.0
Malpe	28	35	2.0	2.0
Old Mangalore	622	626	Neg	Neg
Belkeri	50	50	7.0	7.0
<b>3.TAMIL NADU</b>				
Nagapattinam	224	224	Neg	Neg
Tirukkadaiyur	31	22	2.0	2.0
Kudankulam	1	1	Neg	Neg
Cuddalore	99	139	Neg	Neg
Ennore	4	5	Neg	Neg
Py-3	10	10	0.9	0.9
Trichopuram	3	7	2.3	3.7
<b>5.GOA</b>				
Panaji	193	193	4.0	4.0
<b>ORISSA</b>				
Gopalpur	16	20	7.6	10.0
<b>ANDHRA PRADESH*</b>				
Kakinada(Sea Port)	869	869	2.5	2.5
Kakinada(Anchorage)	228	228	Neg	Neg
Rawa	85	85	Neg	Neg
Krishnapatinam	206	206	2.7	2.7
<b>6.KERALA</b>				
Kozhikode/Beyppore	577	529	N.A	N.A
Koavalam/Vizhinjam	60	60	Neg	Neg

\* Figures related to Previous 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
<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
<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

Table 3.1.2

## Cargo Traffic Handled At Indian Ports - By State

(In '000 Tonnes)

Port/State/Type of Traffic	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
1	2	3	4	5	6	7	8	9	10	11	12
<b>GUJARAT</b>	93000	108000	117263	122194	128855	137692	149434	184247	215441	225035	285083
Kandla	46303	36741	37728	40633	41523	41551	45907	52982	64920	72224	79500
Other Ports	46697	71259	79535	81561	87332	96141	103527	131265	150521	152811	205583
Overseas	68943	84999	95314	97572	103247	111691	123660	146295	192185	199107	242187
Coastal	24057	23001	21949	24622	25608	26001	25774	37952	23256	25928	42896
Loaded	18767	31129	36153	40600	43694	46379	47821	56420	64601	60201	78063
Unloaded	74233	76871	81110	81594	85161	91313	101613	127827	150840	164834	207020
<b>MAHARASHTRA</b>	51434	51683	53911	62265	71517	80138	93182	108759	124239	119588	127350
Mumbai	30412	27063	26433	26796	29995	35187	44190	52364	57038	51876	54541
J.L.Nehru	14976	18575	22521	26844	31190	32808	37836	44815	55838	57296	60763
Other Ports	6046	6045	4957	8625	10332	12143	11156	11580	11363	10416	12046
Overseas	38263	36990	39555	46044	54689	60476	70003	83450	95041	90191	97925
Coastal	13171	14693	14356	16221	16828	19662	23179	25309	29198	29397	29425
Loaded	16186	18464	19196	25156	28370	29911	37379	36029	40739	40801	37079
Unloaded	35248	33219	34715	37109	43147	50227	55803	72730	83509	78787	90271
<b>GOA</b>	20712	22816	25786	24223	36310	38860	43450	48547	47953	53582	62744
Mormugao	18226	19628	22928	23649	27874	30659	31688	34241	35128	41681	48847
Other Ports	2486	3188	2858	5574	8436	8201	11762	14306	12825	11901	13897
Overseas	19396	21162	23857	27818	34969	37711	42452	47685	46832	52550	61196
Coastal	1316	1654	1929	1405	1341	1149	998	862	1121	1032	1548
Loaded	17287	18359	20654	24449	31424	32978	37043	41218	40679	46570	54634
Unloaded	3425	4457	5132	4774	4886	5882	6407	7329	7274	7012	8110

Table 3.1.2 ( Contd.)

**Cargo Traffic Handled At Indian Ports - By State**

(In '000 Tonnes)

Port/State/Type of Traffic	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
1	2	3	4	5	6	7	8	9	10	11	12
<b>DAMAN &amp; DIU</b>	-	-	-	-	-	-	-	-	-	-	-
Other Ports	-	-	-	-	-	-	-	-	-	-	-
Overseas	-	-	-	-	-	-	-	-	-	-	-
Coastal	-	-	-	-	-	-	-	-	-	-	-
Loaded	-	-	-	-	-	-	-	-	-	-	-
Unloaded	-	-	-	-	-	-	-	-	-	-	-
<b>KARNATAKA</b>	18224	18567	18247	22102	27841	37397	38568	38603	44918	41659	44075
New Mangalore	17601	17891	17501	21430	26673	33891	34451	32042	36019	36691	35528
Other Ports	623	676	746	672	1168	3506	4117	6561	8899	4968	8547
Overseas	14266	14048	13517	17740	22387	28823	30673	30640	38627	35482	36790
Coastal	3958	4519	4730	4362	5454	8574	7895	7963	6291	6177	7285
Loaded	9510	9082	9195	11238	14446	21440	21700	20326	25095	21613	22215
Unloaded	8714	9485	9052	10864	13395	15957	16868	18277	19823	20046	21860
<b>KERALA</b>	12961	13238	12186	13113	13630	14184	14023	15429	15914	15625	17548
Cochin	12841	13144	12059	13024	13572	14103	13888	15257	15810	15494	17429
Other Ports	120	94	127	89	58	81	135	172	104	131	119
Overseas	4438	7354	7032	8347	9830	10365	9842	10862	10670	11111	11898
Coastal	8523	5884	5154	4766	3800	3819	4181	4567	5244	4514	5650
Loaded	2287	2122	2000	2158	2572	3188	2971	3533	3708	2794	3680
Unloaded	10674	11116	10186	10955	11058	10996	11052	11896	12206	12831	13868
<b>TAMIL NADU</b>	47850	53838	53068	56068	60355	69951	74266	82934	91084	91900	96721
Tuticorin	9993	12284	13017	13294	13678	15811	17139	18001	21480	22011	23787
Chennai	37443	41220	36115	33687	36710	43806	47248	53414	57154	57491	61057
Ennore	-	-	3401	8485	9277	9480	9168	10714	11563	11500	10703
Other Ports	414	334	535	602	690	854	711	805	887	898	1174
Overseas	28647	30932	31978	32835	36929	46655	53198	62038	70809	71367	75856
Coastal	19203	22906	21090	23233	23426	23296	21068	20896	20275	20533	20865
Loaded	13376	14907	16445	18010	20080	23639	24602	29156	32759	29896	29349
Unloaded	34474	38931	36623	38058	40275	46312	49664	53778	58325	62004	67372

Table 3.1.2(Contd.)

## Cargo Traffic Handled At Indian Ports - By State

(In '000 Tonnes)

Port/State/Type of Traffic	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
1	2	3	4	5	6	7	8	9	10	11	12
<b>PONDICHERRY</b>	-	76	95	19	108	59	96	34	10	47	1316
Other Ports	-	76	95	19	108	59	96	34	10	47	1316
Overseas	-	76	95	19	108	59	85	34	10	47	1316
Coastal	-	-	-	-	-	-	11	-	-	-	-
Loaded	-	-	-	8	71	26	56	18	-	-	38
Unloaded	-	76	95	11	37	33	40	16	10	47	1278
<b>ANDHRA PRADESH</b>	45430	49524	49998	56242	57757	65215	73475	74994	83887	93628	109191
Visakhapatnam	39510	44685	44344	46006	47736	50148	55801	56385	64597	63908	65501
Other Ports	5920	4839	5654	10236	10021	15067	17674	18609	19290	29720	43690
Overseas	25297	26552	29868	35943	38300	48133	54394	53676	60938	69929	85364
Coastal	20133	22972	20130	20299	19457	17082	19081	21318	22949	23699	23827
Loaded	17440	20975	20409	26835	25921	30818	34006	33486	38779	42381	49727
Unloaded	27990	28549	29589	29407	31836	34397	39469	41508	45108	51247	59464
<b>ORISSA</b>	13790	20040	21149	23901	25311	30104	33109	38517	42732	46707	57476
Paradip	13636	19900	21131	23901	25311	30104	33109	38517	42437	46412	57011
Other Ports	154	140	18	-	-	-	-	-	295	295	465
Overseas	6324	9948	10175	11700	13150	18580	23051	26777	30191	33958	45180
Coastal	7466	10092	10974	12201	12161	11524	10058	11740	12541	12749	12296
Loaded	9014	13186	14483	16910	18606	21666	21685	24855	25672	26615	28127
Unloaded	4776	6854	6666	6991	6705	8438	11424	13662	17060	20092	29349
<b>WEST BENGAL</b>	31026	30000	30403	35804	41260	46207	53143	55050	57329	54220	46423
KDS	10313	7158	5374	7201	8693	9945	10806	12596	13741	12428	13045
HDC	20713	22842	25029	28603	32567	36262	42337	42454	43588	41792	33378
Other Ports	-	-	-	-	-	-	-	-	-	-	-
Overseas	24153	22659	24437	27341	32714	38086	44025	47447	50912	47187	39334
Coastal	6873	7341	5966	8463	8546	8121	9118	7603	6417	7033	7089
Loaded	6090	6821	7431	9344	11024	13001	16405	16735	18288	17547	16572
Unloaded	24936	23179	22972	26460	30236	33206	36738	38315	39041	36673	29851

Table 3.1.2(Contd.)

**Cargo Traffic Handled At Indian Ports - By State**

(In '000 Tonnes)

Port/State/Type of Traffic	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
1	2	3	4	5	6	7	8	9	10	11	12
<b>SEA-ISLANDS</b>	923	715	999	921	720	908	941	1590	2185	2035	2100
Other Ports	923	715	999	921	720	908	941	1590	2185	2035	2100
Overseas	14	-	-	-	-	5	4	6	9	76	486
Coastal	909	715	999	921	720	903	937	1584	2176	1959	1614
Loaded	214	115	363	203	231	247	275	544	809	675	516
Unloaded	709	600	636	718	489	661	666	1046	1376	1360	1584
<b>ALL INDIA</b>	335350	368497	383105	421852	463664	520715	573687	648704	725692	744026	850027
Major Ports	271967	281131	287581	313553	344799	383755	423568	463782	519313	530804	561090
Other Ports	63383	87366	95524	108299	118865	136960	150119	184922	206379	213222	288937
Overseas	229741	254720	275828	305359	346323	400584	451387	508910	596224	611005	697532
Coastal	105609	113777	107277	116493	117341	120131	122300	139794	129468	133021	152495
Loaded	110301	135160	146329	174911	196439	223293	243943	262320	291120	289093	320000
Unloaded	225049	233337	236776	246941	267225	297422	329744	386384	434572	454933	530027

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

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

Table 3.1.3

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

('000 Tonnes)

Port/State/Type of Traffic	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
1	2	3	4	5	6	7	8	9	10	11	12
<b>GUJARAT</b>											
Kandla	42635	31954	30024	30259	31214	32006	35731	41246	48404	54200	61893
Other Ports	31598	44917	51086	51335	53947	59307	65882	86581	102436	110634	145127
Total	74233	76871	81110	81594	85161	91313	101613	127827	150840	164834	207020
Overseas	60676	65900	71757	70310	73215	78664	87723	114032	137352	150376	187390
Coastal	13557	10971	9353	11284	11946	12649	13890	13795	13488	14458	19630
<b>MAHARASHTRA</b>											
Mumbai	20391	16959	17310	16409	19052	23061	26867	39067	44540	42915	46826
J. L. Nehru	9073	10611	12920	12668	14794	16633	19516	23270	29434	28166	32382
Other Ports	5654	5649	4485	8032	9301	10533	9420	10393	9526	7706	11063
Total	35118	33219	34715	37109	43147	50227	55803	72730	83500	78787	90271
Overseas	28418	25691	27014	29025	35481	39558	47210	55846	62069	56983	68231
Coastal	6700	7528	7701	8084	7666	10669	8593	16884	21439	21804	22040
<b>GOA</b>											
Mormugao	3297	3690	4619	4380	4468	5631	6074	7050	7185	7012	7892
Other Ports	128	767	513	394	418	251	333	279	89	0	218
Total	3425	4457	5132	4774	4886	5882	6407	7329	7274	7012	8110
Overseas	2370	3167	3761	3731	3659	5035	5852	6705	6636	6395	7088
Coastal	1055	1290	1371	1043	1227	847	555	624	638	617	1022
<b>KARNATAKA</b>											
New Mangalore	8453	9190	8757	10592	13047	15512	16519	17922	19625	19964	21569
Other Ports	261	295	295	272	348	445	349	355	198	82	291
Total	8714	9485	9052	10864	13395	15957	16868	18277	19823	20046	21860
Overseas	8116	8412	7496	9601	10657	11641	12758	13528	16759	16815	18096
Coastal	598	1073	1556	1263	2738	4316	4110	4749	3064	3231	3764
<b>KERALA</b>											
Cochin	10636	11061	10094	10899	11018	10950	10968	11785	12189	12783	13834
Other Ports	38	55	92	56	40	46	84	111	17	48	34
Total	10674	11116	10186	10955	11058	10996	11052	11896	12206	12831	13868
Overseas	3493	6279	5816	7239	8174	8331	8044	8959	8529	9343	9570
Coastal	7181	4837	4370	3716	2884	2665	3008	2937	3677	3488	4298
<b>TAMIL NADU</b>											
Tuticorin	7934	9839	9811	9564	10184	12060	13375	13502	15472	16370	18652
Chennai	26438	28920	23140	19606	20302	24745	27203	30759	32859	34645	38114
Ennore	-	-	3401	8485	9277	8960	8631	8990	9373	10389	9767
Other Port	102	172	271	403	512	547	455	527	621	600	839
Total	34474	38931	36623	38058	40275	46312	49664	53778	58325	62004	67372
Overseas	16784	16969	16879	16028	18170	25179	30941	34659	39721	43203	48276
Coastal	17690	21962	19744	22030	22105	21133	18723	19119	18604	18801	19096

Table 3.1.3 ( Contd...)

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

('000 Tonnes)

Port/State/Type of Traffic	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
1	2	3	4	5	6	7	8	9	10	11	12
<b>PONDICHERRY</b>											
Other Ports	-	76	95	11	37	33	40	16	10	47	1278
Total	-	76	95	11	37	33	40	16	10	47	1278
Overseas	-	76	95	11	37	33	40	16	10	47	1278
Coastal	-	-	-	-	-	-	-	-	-	-	-
<b>ANDHRA PRADESH</b>											
Visakhapatnam	25151	26499	27436	25724	26367	25232	30651	32555	35675	35660	35477
Other Ports	2839	2050	2153	3683	5469	9165	8818	8953	9433	15587	23987
Total	27990	28549	29589	29407	31836	34397	39469	41508	45108	51247	59464
Overseas	18466	18162	20031	20727	23641	29206	33185	35140	38045	43889	52727
Coastal	9524	10387	9558	8680	8195	5191	6284	6368	7063	7358	6737
<b>ORISSA</b>											
Paradip	4776	6848	6662	6991	6705	8438	11424	13662	16854	19891	29175
Other Ports	-	6	4	-	-	-	-	-	206	201	174
Total	4776	6854	6666	6991	6705	8438	11424	13362	17060	20092	29349
Overseas	4237	6021	5746	5914	5896	7931	10950	12826	15309	18683	27683
Coastal	539	833	920	1077	809	507	474	836	1751	1409	1666
<b>WEST BENGAL</b>											
KDS	9060	5929	4505	6337	7559	8201	8628	9780	10362	8800	8269
HDC	15876	17250	18467	20123	22677	25005	28110	28535	28679	27873	21582
Other Ports	-	-	-	-	-	-	-	-	-	-	-
Total	24936	23179	22972	26460	30236	33206	36738	38315	39041	36673	29851
Overseas	22350	20254	20697	22089	25580	29298	32346	34594	35761	32920	25577
Coastal	2586	2925	2275	4371	4656	3908	4392	3721	3280	3753	4274
<b>SEA-ISLAND</b>											
Other Ports	709	600	636	718	489	661	666	1046	1376	1360	1584
Total	709	600	636	718	489	661	666	1046	1376	1360	1584
Overseas	14	-	-	-	-	5	4	6	9	76	476
Coastal	695	600	636	718	489	656	662	1040	1367	1284	1108
<b>ALL INDIA</b>											
MAJOR PORTS	183720	178750	177146	182037	196664	216434	243697	278123	310651	318668	345432
Other Ports	41329	54587	59630	64904	70561	80988	86047	108261	123912	136265	184595
Total	225049	233337	236776	246941	267225	297422	329744	386384	434572	454933	530027
Overseas	164924	170931	179292	184675	204510	234881	269053	316311	329218	378730	446392
Coastal	60125	62406	57484	62266	62715	62541	60691	70073	67308	76203	83635

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

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

Table 3.1.4

## Cargo Loaded (Overseas And Coastal) At Indian Ports - By State

('000 Tonnes)

Port / State	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	
	1	2	3	4	5	6	7	8	9	10	11	12
<b>GUJARAT</b>												
Kandla	3668	4787	7704	10374	10309	9545	10176	11736	16516	18024	17607	
Other Ports	15099	26342	28449	30226	33385	36834	37645	44684	48085	42177	60456	
Total	18767	31129	36153	40600	43694	46379	47821	56420	64601	60201	78063	
Overseas	8267	19099	23557	27262	30032	33027	35937	32263	54833	48731	54797	
Coastal	10500	12030	12596	13338	13662	13352	11884	24157	9768	11470	23266	
<b>MAHARASHTRA</b>												
Mumbai	10021	10104	9123	10387	10943	12126	17323	13297	12489	8961	7715	
J. L. Nehru	5903	7964	9601	14176	16396	16175	18320	21545	26404	29130	28381	
Other Ports	392	396	472	593	1031	1610	1736	1187	1837	2710	983	
Total	16316	18464	19196	25156	28370	29911	37379	36029	40730	40801	37079	
Overseas	9845	11299	12541	17019	19208	20918	22793	27604	32972	33208	29694	
Coastal	6471	7165	6655	8137	9162	8993	14586	8425	7759	7593	7385	
<b>GOA</b>												
Mormugao	14929	15938	18309	19269	23406	25028	25614	27191	27943	34669	40955	
Other Ports	2358	2421	2345	5180	8018	7950	11429	14027	12736	11901	13679	
Total	17287	18359	20654	24449	31424	32978	37043	41218	40679	46570	54634	
Overseas	17026	17995	20096	24087	31310	32676	36600	40980	40196	46155	54108	
Coastal	261	364	558	362	114	302	443	238	483	415	526	
<b>KARNATAKA</b>												
New Mangalore	9148	8701	8744	10838	13626	18379	17932	14120	16394	16727	13959	
Other Ports	362	381	451	400	820	3061	3768	6206	8701	4886	8256	
Total	9510	9082	9195	11238	14446	21440	21700	20326	25095	21613	22215	
Overseas	6150	5636	6021	8139	11730	17182	17915	17112	21868	18667	18694	
Coastal	3360	3446	3174	3099	2716	4258	3785	3214	3227	2946	3521	
<b>KERALA</b>												
Cochin	2205	2083	1965	2125	2554	3153	2920	3472	3621	2711	3595	
Other Ports	82	39	35	33	18	35	51	61	87	83	85	
Total	2287	2122	2000	2158	2572	3188	2971	3533	3708	2794	3680	
Overseas	945	1075	1216	1108	1656	2034	1798	1903	2141	1768	2328	
Coastal	1342	1047	784	1050	916	1154	1173	1630	1567	1026	1352	
<b>TAMIL NADU</b>												
Tuticorin	2059	2445	3206	3730	3494	3751	3764	4499	6008	5641	5135	
Chennai	11005	12300	12975	14081	16408	19061	20045	22655	24295	22846	22943	
Ennore	-	-	-	-	-	520	537	1724	2190	1111	936	
Other Ports	312	162	264	199	178	307	256	278	266	298	335	
Total	13376	14907	16445	18010	20080	23639	24602	29156	32759	29896	29349	
Overseas	11863	13963	15099	16807	18759	21476	22257	27379	31088	28164	27580	
Coastal	1513	944	1346	1203	1321	2163	2345	1777	1671	1732	1769	

Table 3.1.4 ( Contd.)

## Cargo Loaded (Overseas And Coastal) At Indian Ports - By State

('000 Tonnes)

Port / State	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	
	1	2	3	4	5	6	7	8	9	10	11	12
<b>PONDICHERY</b>												
Other Ports	-	-	-	8	71	26	56	18	-	-	38	
Total	-	-	-	8	71	26	56	18	-	-	38	
Overseas	-	-	-	8	71	26	45	18	-	-	38	
Coastal	-	-	-	-	-	-	11	-	-	-	-	
<b>ANDHRA PRADESH</b>												
Visakhapatnam	14359	18186	16908	20282	21369	24916	25150	23830	28922	28248	30024	
Other Ports	3081	2789	3501	6553	4552	5902	8856	9656	9857	14133	19703	
Total	17440	20975	20409	26835	25921	30818	34006	33486	38779	42381	49727	
Overseas	6831	8390	9837	15216	14659	18927	21209	18536	22893	26040	32637	
Coastal	10609	12585	10572	11619	11262	11891	12797	14950	15886	16341	17090	
<b>ORISSA</b>												
Paradip	8860	13052	14469	16910	18606	21666	21685	24855	25583	26521	27836	
Other Ports	154	134	14	-	-	-	-	-	89	94	291	
Total	9014	13186	14483	16910	18606	21666	21685	24855	25672	26615	28127	
Overseas	2087	3927	4429	5786	7254	10649	12101	13951	14882	15275	17497	
Coastal	6927	9259	10054	11124	11352	11017	9584	10904	10790	13340	10630	
<b>WEST BENGAL</b>												
KDS	1253	1229	869	864	1134	1744	2178	2816	3379	3628	4776	
HDC	4837	5592	6562	8480	9890	11257	14227	13919	14909	13919	11796	
Other Ports	-	-	-	-	-	-	-	-	-	-	-	
Total	6090	6821	7431	9344	11024	13001	16405	16735	18288	17547	16572	
Overseas	1803	2405	3740	5252	7134	8788	11679	12853	15151	14267	13757	
Coastal	4287	4416	3691	4092	3890	4213	4726	3882	3137	3280	2815	
<b>SEA-ISLANDS</b>												
Other Ports	214	115	363	203	231	247	275	544	809	675	516	
Total	214	115	363	203	231	247	275	544	809	675	516	
Overseas	-	-	-	-	-	-	-	-	-	-	10	
Coastal	214	115	363	203	231	247	275	544	809	675	506	
<b>ALL INDIA</b>												
Major Ports	88247	102381	110435	131516	148135	167321	179871	185659	208653	212136	215658	
Other Ports	22054	32779	35894	43395	48304	55972	64072	76661	82467	76957	104342	
Total	110301	135160	146329	174911	196439	223293	243943	262320	291120	289093	320000	
Overseas	64817	83789	96536	120684	141813	165703	182334	192599	236024	232275	251140	
Coastal	45484	51371	49793	54227	54626	57590	61609	69721	55097	56818	68860	

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

2) Sea Islands comprises of Lakshadweep &amp; A &amp; 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

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	Mormu-gao	N.Mang-alore	Cochin	Tuti-corin	Chennai	Ennore	Visakha-patnam	Para-dip	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	

**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>								
1985-86	54890	4106	2700	28841	7538	1133	20405	119613
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	1196	194624	561090
<b>KANDLA</b>								
1985-86	12340	423	208	...	...	302	3213	16486
1986-87	11928	270	127	...	...	454	3415	16194
1987-88	13395	207	191	...	...	812	3478	18083
1988-89	13238	235	204	...	...	580	3550	17807
1989-90	14354	302	730	...	...	436	3103	18925
1990-91	15062	308	737	...	...	585	2993	19685
1991-92	16503	365	936	...	...	940	2258	21002
1992-93	17951	448	945	...	...	600	2966	22910
1993-94	18157	824	1043	...	...	629	3847	24500
1994-95	18898	705	1174	...	...	689	5036	26502
1995-96	21126	676	1102	...	...	2038	5397	30339
1996-97	25061	366	1335	...	...	1951	5017	33730
1997-98	29036	732	1550	...	...	1386	6197	38901
1998-99	30468	588	1629	...	736	1697	5519	40637
1999-00	34612	1020	1746	...	829	1050	7046	46303
2000-01	25094	471	1694	...	624	1273	7585	36741
2001-02	22709	611	2129	...	381	2584	9314	37728
2002-03	23014	516	2429	...	255	5445	8974	40633
2003-04	23625	502	2169	...	244	4804	10179	41523
2004-05	22120	678	2441	...	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

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>								
1985-86	15470	331	721	...	-	608	7180	24310
1986-87	16313	236	985	...	-	497	7043	25074
1987-88	19384	174	992	...	-	572	8446	29568
1988-89	19063	162	1266	...	-	860	7991	29342
1989-90	18210	141	1082	...	-	432	7881	27746
1990-91	19670	46	621	...	-	625	7937	28899
1991-92	19512	37	457	...	-	340	5915	26261
1992-93	20303	39	928	...	-	544	7232	28946
1993-94	20820	57	845	...	-	763	8021	30506
1994-95	18833	70	892	...	-	616	10262	30673
1995-96	21138	105	735	...	-	1209	10729	33916
1996-97	18712	50	673	...	-	114	14178	33727
1997-98	16732	60	818	...	-	24	14463	32097
1998-99	16671	96	806	...	-	30	13367	30970
1999-00	16785	140	749	...	-	141	12597	30412
2000-01	15641	139	561	...	-	186	10536	27063
2001-02	15710	108	552	...	-	123	9940	26433
2002-03	16039	125	339	...	-	163	10130	26796
2003-04	18576	113	406	...	-	129	10771	29995
2004-05	19396	161	413	...	-	224	14993	35187
2005-06	27781	171	424	...	1844	98	13872	44190
2006-07	24281	136	337	...	2533	857	24220	52364
2007-08	37074	102	231	...	2872	532	16227	57038
2008-09	34571	136	210	...	3676	479	12804	51876
2009-10	34538	201	241	...	3815	17	15729	54541
<b>J.L.NEHRU</b>								
1990-91	-	516	850	-	...	-	656	2022
1991-92	-	623	820	-	...	-	1351	2794
1992-93	-	588	114	-	...	577	1728	3007
1993-94	-	855	23	-	...	275	2234	3387
1994-95	-	1187	125	-	...	-	3696	5008
1995-96	139	1716	179	648	...	68	4123	6873
1996-97	252	984	363	686	...	380	5404	8069
1997-98	681	881	75	657	...	355	6246	8895
1998-99	1271	796	93	531	...	418	8614	11723
1999-00	1413	627	164	48	...	555	12169	14976
2000-01	1811	246	148	-	...	-	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

(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>								
1985-86	945	308	-	14188	-	-	674	16115
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
<b>NEW MANGALORE</b>								
1985-86	412	219	-	2260	-	-	795	3686
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

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>								
1985-86	3863	769	-	...	-	5	640	5277
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
<b>TUTICORIN</b>								
1985-86	336	451	473	...	2409	-	552	4221
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

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>								
1985-86	9191	700	277	4768	204	136	2872	18148
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
<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
<b>VISAKHAPATNAM</b>								
1985-86	6274	299	671	5727	1737	82	1121	15911
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

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>PARADIP</b>								
1985-86	-	135	50	1868	869	-	409	3331
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
<b>KOLKATA/HALDIA</b>								
1985-86	6059	471	300	-	2319	-	2979	12128
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

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
<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
<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

**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
<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
<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

**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
<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
<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
<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
<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
<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

**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

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

(In Million Tonnes)

Item	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>1. LOADED</b>												
i) Indian Lines	0.92	1.04	1.71	1.99	2.45	2.81	2.91	3.19	2.73	2.03	2.46	3.94
ii) Foreign Lines	11.33	13.06	14.96	17.32	21.28	24.45	25.31	27.74	35.42	44.16	44.42	43.67
iii) Total	12.25	14.10	16.67	19.31	23.73	27.26	28.22	30.93	38.15	46.19	46.88	47.61
<b>2. UNLOADED</b>												
i) Indian Lines	0.85	0.80	1.58	1.81	2.01	2.39	2.67	3.12	1.56	2.23	1.16	3.61
ii) Foreign Lines	11.02	12.97	14.09	16.13	17.95	21.39	23.90	27.96	33.76	43.83	45.33	64.48
iii) Total	11.87	13.77	15.67	17.94	19.96	23.78	26.57	31.08	35.32	46.06	46.49	68.09
<b>3. Total</b>												
i) Indian Lines	1.77	1.84	3.29	3.80	4.46	5.20	5.58	6.31	4.29	4.26	3.62	7.55
ii) Foreign Lines	22.35	26.03	29.05	33.45	39.23	45.84	49.21	55.70	69.18	87.99	89.75	108.15
iii) Total	24.12	27.87	32.34	37.25	43.69	51.04	54.79	62.01	73.47	92.25	93.37	115.70
4. General Cargo (Break Bulk & Container)	39.66	43.04	46.37	52.92	64.47	69.77	72.50	82.85	97.40	123.79	120.01	153.91
% Of Container Cargo to general cargo	60.80	64.70	69.80	70.40	67.80	73.10	75.60	74.80	75.43	74.52	77.80	75.17

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	Tuticorin	Chennai	Visakhapatnam	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>													
1996-97	758	3716	2895	25	-	719	630	1459	111	-	1072	99	11484
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	Neg.	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	667	32	24267	68	203	1508	3052	11402	879	44	2502	963	45587
<b>UNLOADED</b>													
1996-97	421	3916	2183	17	-	248	271	1105	56	-	879	18	9114
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	546	549	28203	112	203	1438	2414	12058	788	0	4104	1105	51520
<b>TOTAL</b>													
1996-97	1179	7632	5078	42	-	967	901	2564	167	-	1951	117	20598
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	Neg.	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	1213	581	52470	180	406	2946	5466	23460	1667	44	6606	2068	97107

**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>									
1992-93	10.3	9.0	19.3	-	-	-	10.3	9.0	19.3
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
<b>COCHIN</b>									
1992-93	4.3	4.4	8.7	27.4	28.1	55.5	31.7	32.5	64.2
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
<b>CHENNAI</b>									
1992-93	6.4	0.9	7.3	34.3	32.6	66.9	40.7	33.5	74.2
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

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
2002-03	Neg.	Neg.	Neg.	52.9	44.7	97.6	52.9	44.7	97.6
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
<b>PARADIP</b>									
2008-09	0.1	0.1	0.2	-	-	-	0.1	0.1	0.2
2009-10	-	-	-	-	-	-	-	-	-
<b>TUTICORIN</b>									
<b>2009-10</b>									
<b>VISAKHAPATNAM</b>									
1992-93	-	-	-	2.5	1.8	4.3	2.5	1.8	4.3
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
<b>KOLKATA/HALDIA</b>									
1992-93	-	-	-	21.6	19.1	40.7	21.6	19.1	40.7
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

**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
<b>MORMUGAO</b>									
2004-05	...	...	3.1	...	...	...	...	...	3.1
2005-06	...	...	2.6	...	...	26.7	...	...	29.3
2006-07	...	...	11.9	...	...	30.4	...	...	42.3
2007-08	...	...	13.0	-	-	-	...	...	13.0
2008-09	...	...	10.9	-	-	-	...	...	10.9
2009-10	...	...	18.7	...	...	...	...	...	18.7
<b>NEW MANGALORE</b>									
2007-08	1.3	...	1.3	...	...	...	1.3	...	1.3
2008-09	-	0.9	0.9	-	-	-	...	0.9	0.9
2009-10	-	1.9	1.9	...	...	...	...	1.9	1.9
<b>ALL MAJOR PORTS</b>									
1992-93	21.0	14.3	35.3	85.8	81.6	167.4	106.8	95.9	202.7
1993-94	15.3	9.9	25.2	102.9	87.5	190.4	118.2	97.4	215.6
1994-95	18.8	14.7	33.5	120.1	112.6	232.7	138.9	127.3	266.2
1995-96	20.9	21.5	42.4	124.3	129.2	253.5	145.2	150.7	295.9
1996-97	11.7	13.1	24.8	118.8	133.6	252.4	130.5	146.7	277.2
1997-98	12.6	20.2	32.8	114.5	118.7	233.2	127.1	138.9	266.0
1998-99	9.5	7.4	16.9	122.9	116.0	238.9	132.4	123.4	255.8
1999-00	12.6	10.8	23.4	107.5	103.4	210.9	120.1	114.2	234.3
2000-01	16.9	18.5	35.4	125.0	114.3	239.3	141.9	132.8	274.7
2001-02	12.6	11.4	24.0	128.9	99.0	227.9	141.5	110.4	251.9
2002-03	6.5	5.5	12.0	135.3	132.5	267.8	141.8	138.0	279.8
2003-04	10.6	10.7	24.1	141.7	138.0	279.7	152.3	148.7	303.8
2004-05	10.9	10.6	24.6	145.1	141.3	286.4	156.0	151.9	311.0
2005-06	11.7	11.7	26.0	184.3	171.0	382.0	196.0	182.7	408.0
2006-07	15.4	14.5	29.9	207.6	193.4	401.0	223.0	207.9	430.9
2007-08	15.4	14.7	43.1	228.5	211.7	440.2	243.9	226.4	483.3
2008-09	21.3	20.3	52.5	139.6	137.7	277.3	160.9	158.0	329.8
2009-10	39.1	39.5	97.3	179.2	183.5	362.7	218.3	223.0	460.0

(a) : Included in coastal.

Note : There was no Passenger Traffic at Kandla, J. L. Nehru, Ennore and Tuticorin Ports for the period 1992-92 to 2009-10

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
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
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
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
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

(c) Included in Container/Break-bulk.

(d) It contains container barges, others and naval/supply vessels only

**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
<b>Cochin</b>	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
<b>Tuticorin</b>	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
<b>Chennai</b>	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
	2008-09	710	13885	352	3760	441	12685	441	11273	-	-	74	3135	2018	44738
	2009-10	703	14901	345	3837	446	12658	494	12000	-	-	85	4411	2073	47807
<b>Ennore</b>	2001-02	-	-	-	-	71	2263	-	-	-	-	-	-	71	2263
	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
	<b>Visakhapatnam</b>	2000-01	104	688	240	1875	666	17527	620	17997	14	400	-	-	1644	38487
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

**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
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	-	-	-	-	1172	26646
	2004-05	10	101	144	369	882	23709	136	2467	-	-	-	-	1263	30843
	2005-06	14	146	102	226	1001	27470	146	3001	-	-	-	-	1355	34816
	2006-07	11	68	76	403	1098	30134	217	4211	-	-	-	-	1513	37549
	2007-08	19	134	118	577	1213	31861	232	4977	-	-	-	-	1553	39528
	2008-09	9	84	79	631	1226	33378	239	5435	-	-	-	-	1531	44424
	2009-10	12	118	41	453	1151	32160	327	11693	-	-	-	-	1531	44424
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
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	-	-	-	-	2231	50618
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	-	-	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	0	0	2471	6166	21529	470443
	2008-09	5353	109135	2729	28579	6259	162502	6625	175000	0	0	96	3713	21062	478929
	2009-10	5627	119801	2668	33554	6553	175092	7126	180236	0	0	87	4491	22061	513174

\* - Some ships handled different cargo in import and export leg counted once. Details are given in table 2.1.17.

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 ware-housing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Exp.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>KANDLA</b>													
1994-95	15797	6219	4820	2683	6352	1191	-	68	575	418	4050	778	1081
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
<b>MUMBAI</b>													
1994-95	55851	41513	10574	7434	34968	12723	448	1652	1524	2565	8337	11452	5687
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

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 ware-housing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Exp.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>JAWAHARLAL NEHRU</b>													
1994-95	17907	11688	3008	755	11591	5799	-	102	727	668	2581	2970	1394
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
<b>MORMUGAO</b>													
1994-95	9741	6890	2199	1607	5445	2277	61	132	278	104	1758	1195	1575
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

(a): Includes BOT contracts

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 ware-housing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Exp.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>NEW MANGALORE</b>													
1994-95	4821	3195	1190	1264	2367	335	6	18	572	88	686	583	907
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
<b>COCHIN</b>													
1994-95	9461	8624	2382	2113	5246	1604	-	24	577	333	1256	2399	2151
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

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>TUTICORIN</b>													
1994-95	4502	3726	1088	661	2721	1147	23	68	210	195	460	813	842
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
<b>CHENNAI</b>													
1994-95	31007	16773	5429	2723	15416	5230	1741	849	276	169	8145	3671	4131
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
<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
2008-09	14200	8975	@	@	13776	2486	-	-	@	@	424	5443*	1046
2009-10	14553	9685	@	@	14206	9685	-	-	@	@	347	...	...

@: Included under Cargo Handling &amp; warehousing.

\* Includes depreciation of Rs. 1274 lakhs in 2007-08 &amp; 1182 lakhs in 2008-09.

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 ware-housing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Exp.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>VISAKHAPATNAM</b>													
1994-95	21940	17719	5870	3458	11548	4523	2806	1803	683	681	1033	4684	2570
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
<b>PARADIP</b>													
1994-95	13837	10258	2752	1745	8039	2445	1538	437	362	792	1146	3126	1713
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

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 ware-housing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Exp.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>HALDIA DOCK COMPLEX</b>													
1994-95	26821	20647	11671	8367	10537	1977	1404	784	1042	680	2167	6811	2028
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
<b>KOLKATA DOCK SYSTEM</b>													
1994-95	20040	20448	4546	5415	11527	2779	1064	874	1719	267	1184	6309	4804
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

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 ware-housing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Exp.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1994-95	231725	167700	55529	38225	125757	42030	9091	6811	8545	6960	32803	44791	28883
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	688364	440951	183630	107506	303532	103173	26818	15127	43677	17244	130708	123620	74282
2007-08	722254	462968	187076	113852	323719	109752	32181	17174	46291	19046	132987	116211	86933
2008-09	751934	578339	204178	132176	328938	121506	34304	18927	48323	23442	136191	171353	105492
2009-10	797668	651731	228014	153836	331844	146468	37801	22270	55471	25512	144538	177562	126083

Source : Major Ports

**Table 3.2.10 Operating Financial Parameters for Major Ports**

(Rs. In Lakh)

Item/Year	Kandla	Mumbai	J.L. Nehru	Mormu-gao	N.Manga-lore	Cochin	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 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
<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

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
<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

Table 3.2.11

## Operating Ratio for Major Ports

(In Percentage)

Item/Year	Kandla	Mumbai	J.L. Nehru	Mormu-gao	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	70.14	35.22	67.02	51.60	86.95	34.02	63.82	27.50	49.40	49.34	50.06	66.87	51.41
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

**Table 3.2.12****Employment of Manpower at Major Ports as on 31st March (2000-2010)**

(In Numbers)

PORT	Year										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
1	2	3	4	5	6	7	8	9	10	11	12
KPT	4258	4304	4172	3929	3788	3574	3506	3414	4237	4149	4008
MbPT(a)	31368	23790	22699	22217	21480	19388	19682	14935	14481	14296	14059
JNPT	1808	1833	1836	1820	1810	1791	1778	1766	1763	1746	1739
MoPT	4533(a)	4465(a)	3749(a)	3556(a)	3385(a)	3243(a)	3135(a)	3082	3018	2967	2891
NMPT(c)	2493	2421	2274	2220	2124	1985	1908	1832	1770	1819	1719
CoPT(a)	5328	5349	4449	4414	4353	3959	3849	4823	4306	4103	3948
TPT(b)	4007	3744	3087	2963	2788	2589	2574	2407	2259	2224	2191
ChPT	12375	12251	10886(a)	11172(a)	10329(a)	8842(a)	8582(a)	9755	9065	8117	8020
EPL	-	-	16	17	17	21	20	45	59	65	86
VPT	9108	6909	6345	6227	5889	5550	5216	5208	5069	5052	4877
PPT	4182	4116	3618	3513	3407	3306	3158	3013	2910	2851	2761
KDS)	11514	9783	9084	8148	7551	6995	6530	6138	5925	5869	5675
HDC	5036	4811	4664	4473	4285	4104	3964	3793	3694	3620	3498
<b>ALL MAJOR PORTS</b>	<b>96010</b>	<b>83771</b>	<b>76879</b>	<b>74669</b>	<b>71206</b>	<b>65347</b>	<b>63903</b>	<b>60211</b>	<b>58556</b>	<b>56878</b>	<b>55472</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, 2000-2010) (In Numbers)

PORT										
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
1	2	3	4	5	6	7	8	9	10	11
KPT	896	835	799	770	746	708	646	(a)	(a)	(a)
MbPT	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(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	752	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
VPT	891	816	1166	1113	1082	996	966	925	-	978
KDS	1697	1439	1222	967	692	431	290	195	177	140
<b>TOTAL</b>	<b>4236</b>	<b>3090</b>	<b>3187</b>	<b>2850</b>	<b>2520</b>	<b>2135</b>	<b>1902</b>	<b>1120</b>	<b>177</b>	<b>1118</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, 2000-2010) (In Numbers)

PORT										
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
1	2	3	4	5	6	7	8	9	10	11
ChPT	116	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
VPT	535	447	74	115	102	152	159	139	-	-
<b>TOTAL</b>	<b>651</b>	<b>447</b>	<b>74</b>	<b>115</b>	<b>102</b>	<b>152</b>	<b>159</b>	<b>139</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>									
1999-00	25976	4865	30841	5622	10234	15856	31598	15099	46697
2000-01	39196	14699	53895	5721	11643	17364	44917	26342	71259
2001-02	45323	16702	62025	5763	11747	17510	51086	28449	79535
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
<b>MAHARASHTRA</b>									
1999-00	2713	92	2805	2941	300	3241	5654	392	6046
2000-01	1772	62	1834	3877	334	4211	5649	396	6045
2001-02	1282	-	1282	3203	472	3675	4485	472	4957
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
<b>GOA</b>									
1999-00	92	2242	2334	36	116	152	128	2358	2486
2000-01	609	2182	2791	158	239	397	767	2421	3188
2001-02	197	1943	2140	316	402	718	513	2345	2858
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
<b>DAMAN &amp; DIU</b>									
1999-00	-	-	-	-	-	-	-	-	-
2000-01	-	-	-	-	-	-	-	-	-
2001-02	-	-	-	-	-	-	-	-	-
2001-02	-	-	-	-	-	-	-	-	-
2002-03	-	-	-	-	-	-	-	-	-
2003-04	-	-	-	-	-	-	-	-	-
2004-05	-	-	-	-	-	-	-	-	-
2005-06	-	-	-	-	-	-	-	-	-
2006-07	-	-	-	-	-	-	-	-	-
2007-08	-	-	-	-	-	-	-	-	-
2008-09	-	-	-	-	-	-	-	-	-
2009-10	-	-	-	-	-	-	-	-	-

# : Container cargo is included in Overseas "Unloaded" (107.46 tonnes)

\$ : Container cargo is included in Overseas"Unloaded" (115.42 tonnes)

\* : Container cargo is included in Overseas"Unloaded" (144.15 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>									
1999-00	139	239	378	122	123	245	261	362	623
2000-01	185	287	472	110	94	204	295	381	676
2001-02	172	301	473	123	150	273	295	451	746
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
<b>KERALA</b>									
1999-00	3	52	55	35	30	65	38	82	120
2000-01	1	3	4	54	36	90	55	39	94
2001-02	1	2	3	91	33	124	92	35	127
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
<b>TAMIL NADU</b>									
1999-00	102	8	110	-	304	304	102	312	414
2000-01	128	-	128	44	162	206	172	162	334
2001-02	103	-	103	168	264	432	271	264	535
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
<b>PUDUCHERRY</b>									
1999-00	-	-	-	-	-	-	-	-	-
2000-01	76	-	76	-	-	-	76	-	76
2001-02	95	-	95	-	-	-	95	-	95
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

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>ANDHRA PRADESH</b>									
1999-00	2087	532	2619	752	2549	3301	2839	3081	5920
2000-01	1755	220	1975	295	2569	2864	2050	2789	4839
2001-02	1998	800	2798	155	2701	2856	2153	3501	5654
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
<b>ORISSA</b>									
1999-00	-	154	154	-	-	-	-	154	154
2000-01	6	134	140	-	-	-	6	134	140
2001-02	4	14	18	-	-	-	4	14	18
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
<b>ANDAMAN NICOBAR ISLANDS</b>									
1999-00	14	-	14	513	214	727	527	214	741
2000-01	-	-	-	450	115	565	450	115	565
2001-02	-	-	-	455	363	818	455	363	818
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
<b>LAKSHADWEEP</b>									
1999-00	-	-	-	182	-	182	182	-	182
2000-01	-	-	-	150	-	150	150	-	150
2001-02	-	-	-	181	-	181	181	-	181
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	-	26	26	-	26
2007-08	-	-	-	26	-	26	26	-	26
2008-09	-	-	-	26	-	26	26	-	26
2009-10	-	-	-	26	-	26	26	-	26

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>TOTAL</b>									
1999-00	31126	8184	39310	10203	13870	24073	41329	22054	63383
2000-01	43728	17587	61315	10859	15192	26051	54587	32779	87366
2001-02	49175	19762	68937	10455	16132	26587	59630	35894	95524
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	27319	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

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>							
1995-96	2673	1860	3271	1679	1460	7538	18481
1996-97	3772	2519	3236	2062	1393	6876	19858
1997-98	6432	3208	4915	3654	1933	7573	27715
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
<b>MAHARASHTRA</b>							
1995-96	-	2616	701	-	-	154	3471
1996-97	-	2845	723	379	-	297	4244
1997-98	16	2488	796	851	-	534	4685
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	-	-	-	-	-	0	-
2002-03	92	4384	1249	1969	-	931	8625
2003-04	185	4573	1334	2911	117	1212	10332
2004-05	320	5471	1286	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	-	4273	2352	1460	277	2054	10416
2009-10	-	5055	2199	2880	221	1691	12046
<b>GOA</b>							
1995-96	-	-	-	-	-	107	107
1996-97	-	185	-	185	-	25	395
1997-98	-	731	-	236	-	18	985
1998-99	-	2065	-	104	-	5	2174
1999-00	-	2366	-	98	-	22	2486
2000-01	-	2738	-	410	-	40	3188
2001-02	-	2532	-	248	-	78	2858
2002-03	-	5176	-	358	-	40	5574
2003-04	-	8007	-	418	-	11	8436
2004-05	-	8193	-	-	-	8	8201
2005-06	-	11428	-	333	-	1	11762
2006-07	-	14027	-	279	-	-	14306
2007-08	-	12736	-	89	-	-	12825
2008-09	-	11901	-	-	-	-	11901
2009-10	-	13679	-	218	-	-	13897

# \$ \* : Containers cargo is included.

Table 3.3.2(Contd...)

**Cargo Traffic Handled At Non-Major Ports  
- State-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>DAMAN &amp; DIU</b>							
1995-96	-	-	-	-	-	-	-
1996-97	-	-	-	-	-	-	-
1997-98	-	-	-	-	-	-	-
1998-99	-	-	-	-	-	-	-
1999-00	-	-	-	-	-	-	-
2000-01	-	-	-	-	-	-	-
2001-02	-	-	-	-	-	-	-
2001-02	-	-	-	-	-	-	-
2002-03	-	-	-	-	-	-	-
2003-04	-	-	-	-	-	-	-
2004-05	-	-	-	-	-	-	-
2005-06	-	-	-	-	-	-	-
2006-07	-	-	-	-	-	-	-
2007-08	-	-	-	-	-	-	-
2008-09	-	-	-	-	-	-	-
2009-10	-	-	-	-	-	-	-
<b>KARNATAKA</b>							
1995-96	-	-	40	-	242	241	523
1996-97	-	-	-	-	40	484	524
1997-98	-	-	-	-	97	407	504
1998-99	-	-	-	-	47	357	404
1999-00	11	-	-	-	74	538	623
2000-01	53	-	-	-	69	554	676
2001-02	133	-	-	-	31	582	746
2002-03	152	-	-	-	31	489	672
2003-04	154	492	8	-	25	489	1168
2004-05	106	2724	8	-	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	-	36	761	8899
2008-09	17	4283	7	13	29	619	4968
2009-10	36	7841	29	-	-	641	8547
<b>KERALA</b>							
1995-96	-	-	18	-	-	166	184
1996-97	-	-	10	-	-	61	71
1997-98	-	-	15	-	-	101	116
1998-99	-	-	-	-	-	104	104
1999-00	-	-	24	-	-	96	120
2000-01	-	-	39	-	-	55	94
2001-02	-	-	69	-	-	58	127
2002-03	-	-	20	-	-	69	89
2003-04	3	-	6	-	-	49	58
2004-05	9	-	16	-	-	56	81
2005-06	12	-	11	-	-	112	135
2006-07	12	-	16	-	-	144	172
2007-08	2	-	19	-	-	83	104
2008-09	11	-	40	-	-	80	131
2009-10	1	-	26	-	-	92	119

Table 3.3.2(Contd...)

**Cargo Traffic Handled At Non-Major Ports  
- State-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>							
1995-96	-	-	-	-	73	43	116
1996-97	-	-	-	-	8	26	34
1997-98	206	-	-	-	51	11	268
1998-99	394	-	-	-	51	25	470
1999-00	304	-	-	-	44	66	414
2000-01	206	-	-	-	55	73	334
2001-02	429	-	-	-	50	56	535
2002-03	527	-	-	-	50	25	602
2003-04	608	-	2	-	54	26	690
2004-05	755	-	18	-	53	28	854
2005-06	592	-	-	-	56	63	711
2006-07	667	-	8	-	69	61	805
2007-08	713	-	5	-	93	76	887
2008-09	803	-	-	-	21	74	898
2009-10	1035	-	-	-	45	94	1174
<b>PUDUCHERRY</b>							
1995-96	-	-	-	-	3	53	56
1996-97	-	-	-	-	-	45	45
1997-98	-	-	-	-	-	-	-
1998-99	-	-	-	-	-	23	23
1999-00	-	-	-	-	-	-	-
2000-01	-	-	-	-	-	76	76
2001-02	-	-	-	-	-	95	95
2002-03	-	-	-	-	-	19	19
2003-04	-	-	67	-	-	41	108
2004-05	-	-	24	-	-	35	59
2005-06	-	-	57	-	-	39	96
2006-07	-	-	17	-	-	17	34
2007-08	-	-	-	-	-	10	10
2008-09	-	-	-	-	-	47	47
2009-10	-	-	22	1157	-	137	1316
<b>ANDHRA PRADESH</b>							
1995-96	-	-	-	-	608	1695	2303
1996-97	722	-	-	-	360	1145	2227
1997-98	1799	-	-	-	584	1155	3538
1998-99	1861	-	-	-	768	1549	4178
1999-00	2900	-	-	-	1206	1814	5920
2000-01	2776	-	-	-	951	1112	4839
2001-02	3265	-	-	-	992	1397	5654
2002-03	6120	-	-	-	975	3141	10236
2003-04	6486	36	469	22	1121	1887	10021
2004-05	9956	957	910	-	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

Table 3.3.2(Contd...)

**Cargo Traffic Handled At Non-Major Ports  
- State-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>ORISSA</b>							
1995-96	-	-	-	-	165	9	174
1996-97	-	-	-	-	120	19	139
1997-98	-	-	-	-	-	201	201
1998-99	-	-	-	-	-	120	120
1999-00	-	-	-	-	-	154	154
2000-01	-	-	-	-	-	140	140
2001-02	-	-	-	-	-	18	18
2002-03	-	-	-	-	-	-	-
2003-04	-	-	-	-	-	-	-
2004-05	-	-	-	-	-	-	-
2005-06	-	-	-	-	-	-	-
2006-07	-	-	-	-	-	-	-
2007-08	-	41	-	-	201	53	295
2008-09	-	41	-	-	201	53	295
2009-10	-	130	-	142	32	161	465
<b>ANDAMAN NICOBAR ISLANDS</b>							
1995-96	72	-	93	-	-	130	295
1996-97	74	-	90	-	-	131	295
1997-98	76	-	87	-	-	409	572
1998-99	94	-	109	-	-	490	693
1999-00	94	-	106	-	-	541	741
2000-01	119	-	124	-	-	322	565
2001-02	122	-	176	-	-	520	818
2002-03	118	-	216	-	-	407	741
2003-04	127	-	219	-	-	348	694
2004-05	141	-	358	-	2	381	882
2005-06	136	-	412	-	17	350	915
2006-07	155	-	994	-	16	399	1564
2007-08	177	-	1457	-	2	523	2159
2008-09	165	-	1120	-	4	720	2009
2009-10	165	-	837	-	8	1064	2074
<b>LAKSHADWEEP</b>							
1995-96	-	-	-	-	-	N.A.	N.A.
1996-97	-	-	-	-	-	N.A.	N.A.
1997-98	-	-	-	-	-	23	23
1998-99	-	-	-	-	-	23	23
1999-00	-	-	-	-	-	182	182
2000-01	-	-	-	-	-	150	150
2001-02	-	-	-	-	-	181	181
2002-03	-	-	-	-	-	180	180
2003-04	-	-	-	-	-	26	26
2004-05	-	-	-	-	-	26	26
2005-06	-	-	-	-	-	26	26
2006-07	-	-	-	-	-	26	26
2007-08	-	-	-	-	-	26	26
2008-09	-	-	-	-	-	26	26
2009-10	-	-	-	-	-	26	26

Table 3.3.2(Contd...)

**Cargo Traffic Handled At Non-Major Ports  
- State-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>TOTAL</b>							
1995-96	2745	4476	4123	1679	2551	10136	25710
1996-97	4568	5549	4059	2626	1921	9109	27832
1997-98	8529	6427	5813	4741	2665	10432	38607
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	14132	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

Note : Total may not exactly tally due to rounding off.

**Table 3.3.3****Transshipment Traffic at Non-Major Ports**

(In '000 Tonnes)

State/Port	Commodity	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
1	2	3	4	5	6	7	8	9
<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		3466	7145	5935	6437	5840	4850	6531
<b>ANDHRA PRADESH</b>								
Kakinada		-	-	-	-	-	-	-
Deep water	Crude oil	3	-	-	5	-	6724	1509
<b>TAMIL NADU</b>								
Cuddalore		-	-	-	-	-	-	-
<b>Kerala</b>								
Kozhikode/Bey pore		-	-	-	-	-	36	37
Total Transshipment		3469	7145	5935	6442	5840	11610	8093

**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
2000-01	4	4	73821	75643	73825	75647
2001-02	2	2	68525	65859	68527	65861
2002-03	1	-	68685	66051	68686	66051
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

**Table 3.3.5****Passenger Traffic Handled at Non-Major Port - Maritime State-wise**

(In '00 Nos.)

State/UT/Port	2000-01	2000-01	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
1	2	3	4	5	6	7	8	9	10	11
<b>GUJARAT</b>										
Embarked	2	-	-	-	-	-	-	-	-	1
Disembarked	1	-	-	-	-	-	-	-	-	1
<b>MAHARASHTRA</b>	131443	118685	119038	109713	130577	181380	130880	133172	142114	105648
Embarked	64758	60756	60914	63174	67057	121638	68492	69607	76718	58598
Disembarked	66685	57929	58124	46539	63520	59742	62388	63565	65396	47050
<b>GOA</b>	-	-	-	-	-	-	-	-	-	-
Embarked	-	-	-	-	-	-	-	-	-	-
Disembarked	-	-	-	-	-	-	-	-	-	-
<b>KERALA</b>	73	77	73	87	76	76	115	123	153	151
Embarked	34	36	37	52	39	39	56	63	73	72
Disembarked	39	41	36	35	37	37	59	60	80	79
<b>TAMILNADU</b>	16344	13906	13906	15356	11458	10317	14920	16752	18580	19330
Embarked	8172	6953	6953	7678	5729	5158	7460	8376	9290	9665
Disembarked	8172	6953	6953	7678	5729	5159	7460	8376	9290	9665
<b>KARNATAKA</b>	-	-	23	19	11	23	19	7	30	12
Embarked	-	-	10	8	6	11	11	4	15	8
Disembarked	-	-	13	11	5	12	8	3	15	4
<b>ANDAMAN GROUP</b>	1609	1720	1720	4689	5255	10880	9089	11022	12061	10087
Embarked	859	782	782	2300	2673	5353	4634	5547	5835	4985
Disembarked	750	938	938	2389	2582	5527	4455	5475	6226	5102
<b>ALL MINOR/ INTERMEDIATE PORTS</b>	149472	134388	134760	129864	147377	202676	155023	161076	172938	135230
Embarked	73825	68527	68696	73212	75504	132199	80653	83597	91931	73329
Disembarked	75647	65861	66064	56652	71873	70477	74370	77479	81007	61901

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	Mahara-shtra	Goa	Karna-taka	Kerala	Tamil Nadu	Pudu-cherry	Andhra Pradesh(a)	Orissa	Sea (b) Island
1	2	3	4	5	6	7	8	9	10	11
<b>STEAMERS</b>										
2003-04	4890	618	-	209	96	39	45	251	-	5668
2004-05	3748	545	-	277	88	41	25	245	-	6666
2005-06	4976	1092	-	186	88	46	25	301	-	8947
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
<b>SAILING VESSELS</b>										
2003-04	4139	26251	207	841	268	77	-	84	-	863
2004-05	4890	15326	320	627	207	119	-	122	-	1024
2005-06	4726	11700	58	736	207	64	-	198	-	1186
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
<b>TOTAL</b>										
2003-04	9029	26869	207	1050	364	116	45	335	-	6531
2004-05	8638	15871	320	904	295	160	25	367	-	7690
2005-06	9702	12792	58	922	295	110	25	499	-	10133
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

(a) Data of A.P for the year 2009-10 relates to previous year

(b) Data relates to Andaman &amp; Nicobar Islands.

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

**Table 3.3.7 Employment of Manpower At Non Major Ports As On 31st March** (In numbers)

PORT	Year									
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
1	2	3	4	5	6	7	8	9	10	11
<b>GUJARAT</b>	2441	2441	2662	2048	1816	1265	1743	1718	1650	1590
<b>MAHARASHTRA</b>	173	173	173	165	154	154	154	153	130	84
<b>GOA</b>	166	166	166	139	139	134	133	146	140	140
<b>DAMAN &amp; DIU</b>	22	22	22	22	22	22	22	22	22	22
<b>KARNATAKA</b>	71	71	99	76	105	109	103	55	146	145
<b>KERALA</b>	354	354	316	257	121	121	185	191	175	175
<b>TAMIL NADU</b>	110	110	110	73	89	68	68	62	60	60
<b>PUDUCHERRY</b>	92	92	79	79	75	75	42	33	59	59
<b>ANDHRA PRAD</b>	107	107	109	62	66	57	57	69	269	269
<b>ANDAMAN &amp; NICOBAR</b>										
<b>Island</b>	474	474	477	470	468	452	447	452	454	454
<b>Orissa</b>	N.A	N.A	N.A	N.A	N.A	N.A	N.A	118	118	118
<b>TOTAL</b>	4010	4010	4213	3391	3055	2457	2954	3019	3223	3116

## **SECTION – II**

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

Table 4.1

**World Port Traffic - Port traffic league by TEU of total containers handled - 2005-2009**

(In 1000 TEU)

Rank (2010)	Port position (a)	Country	Period	2009	2008	2007	2006	2005	Growth over 2008	Growth rate 2005-2009
1	2	3	4	5	6	7	8	9	10	11
1	Singapore	Singapore	CY	25866	29918	27936	24792	23192	-13.5	2.8
2	Shanghai	China PR of	CY	24912	27981	26150	19631	16879	-11.0	10.2
3	Hong Kong	China PR of	CY	21104	24494	23999	23539	22602	-13.8	-1.7
4	Shenzhen	China PR of	CY	18045	21416	21099	18253	15898	-15.7	3.2
5	Busan	Korea,Rep. of	CY	11980	13446	13255	12039	11837	-10.9	0.3
6	Dubai Ports	UAE	CY	11124	11827	10650	8923	7619	-5.9	9.9
7	Guangzhou	China PR of	CY	11016	11000	9259	6477	4603	0.1	24.4
8	Ningbo	China, PR of	CY	10433	11220	9430	7037	5181	-7.0	19.1
9	Qingdao	China PR of	CY	10250	10320	9462	7685	6307	-0.7	12.9
10	Rotterdam	Netherland	CY	9780	10784	10791	9690	9228	-9.3	1.5
11	Tianjin	China PR of	CY	8667	8500	7103	5949	4802	2.0	15.9
12	Kaohsiung	Taiwan	CY	8581	9677	10257	9775	9471	-11.3	-2.4
13	Port Kelang	Malaysia	CY	7310	7974	7119	6326	5544	-8.3	7.2
14	Antwerp	Belgium	CY	7310	8663	8176	7019	6482	-15.6	3.1
15	Hamburg	Germany	CY	7008	9737	9917	8882	8095	-28.0	-3.5
16	Los Angels	US	CY	6749	7850	8355	8470	7485	-14.0	-2.6
17	Tanjung Pelepas	Malaysia	CY	6016	5466	5298	4637	4045	10.1	10.4
18	Long Beach	US	CY	5068	6488	7312	7290	6710	-21.9	-6.8
19	Xiamen	China PR of	CY	4645	5035	4627	4013	3343	-7.7	8.6
20	Laem Chabang	Thailand	FY	4624	5128	4641	3964	3766	-9.8	5.3
21	Bremen Ports	Germany	CY	4565	5488	4892	4444	3744	-16.8	5.1
22	New York/New Jersey	US	CY	4562	5265	5299	5093	4785	-13.4	-1.2
23	Dalian	China, PR of	CY	4550	4399	3813	3212	2651	3.4	14.5
24	Nhava Sheva	India	CY	3987	3953	4060	3298	2670	0.9	10.5
25	Tanjung Priok	Indonesia	CY	3800	3984	3690	3420	3282	-4.6	3.7
26	Tokyo	Japan	CY	3789	3727	3721	3696	3598	1.7	1.3
27	Valencia	Spain	CY	3638	3602	3043	2612	2398	1.0	11.0
28	Mina Raysuf	Oman	CY	3494	3068	2639	2390	2492	13.9	8.8
29	Colombo	Sri Lanka	CY	3464	3690	3382	3079	2455	-6.1	9.0
30	Manila	Philippines	CY	3440	2997	2943	2719	2660	14.8	6.6
31	Jeddah	Saudi Arabia	CY	3091	3326	3068	2908	2835	-7.1	2.2
32	Algeciras-La Linea	Spain	CY	3056	3324	3421	3257	3180	-8.1	-1.0
33	Felixstowe	United Kingdom	CY	3021	3251	3342	3034	2756	-7.1	2.3
34	Gioia Tauro	Italy	CY	2857	3481	3445	2938	3209	-17.9	-2.9
35	Yokohama	Japan	CY	2683	3481	3428	3200	2873	-22.9	-1.7
36	East Port Said Port	Egypt	CY	2540	2121	1713	1648	699	19.8	38.1
37	Saigon New Port	Viet Nam	CY	2432	2728	1850	1470	1084	-10.9	22.4
38	Durban	South Africa	FY	2395	2642	2479	2199	1899	-9.3	6.0
39	Savannah	US	CY	2357	2616	2604	2160	1901	-9.9	5.5
40	Zeebrugge	Belgium	CY	2328	2210	2021	1653	1408	5.3	13.4
42	Marsaxiokk	Malta	CY	2260	2300	1901	1485	1309	-1.7	14.6
43	Santos	Brazil	CY	2252	2675	2533	2446	2268	-15.8	-0.2
44	Kobe	Japan	CY	2247	2557	2019	1985	1885	-12.1	4.5
45	Le Havre	France	CY	2241	2450	2638	2138	2119	-8.5	1.4
45	Bandar Abbas	Iran	CY	1293	1408	1722	2000	2206	-8.2	-12.50
46	Vancouver	Canada	CY	2152	2492	2307	2208	1767	-13.6	5.1
47	Nagoya	Japan	CY	2113	2817	2896	2752	2491	-25.0	-4.0
48	Melbourne	Australia	CY	2086	2323	2257	2093	1930	-10.2	2.0
49	Oakland	US	CY	2049	2234	2388	2392	2274	-8.3	-2.6
50	Balboa	Panama	CY	2012	2168	1834	989	664	-7.2	31.9

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

FY - Fiscal Year

CY - Calendar Year

Source: Shipping Statistics Year Book 2010 published by Institute of Shipping Economics And Logistics (ISL)

Table 4.2

## World Port Traffic - Port Traffic League by Total Cargo Traffic 2005-2009

(In Million Tons)

S.No.	Port position(a)	Country	Period	Unit	2005	2006	2007	2008	2009	Y-o-Y growth 2009	Avg. Yearly growth 2005-2009
1	2	3	4	5	8	9	10	10	11	12	
1	Shanghai	China, PR of	CY	MT	443.2	470.4	492.3	511.4	505.7	-1.2	3.4
2	Singapore	Singapore	CY	FT	423.2	448.5	483.6	515.5	472.3	-8.9	2.8
3	Rotterdam	Netherlands	CY	MT	370.2	378.2	406.8	421.1	387.0	-8.4	1.1
4	Ningbo	China, PR of	CY	MT	272.4	309.7	345.2	363.6	371.5	2.3	8.1
5	Guangzhou	China, PR of	CY	MT	241.7	302.8	343.3	347.0	364.0	5.0	10.8
6	Tianjin	China, PR of	CY	MT	245.1	257.6	309.5	365.2	381.1	5.1	11.7
7	Qingdao	China, PR of	CY	MT	184.3	224.2	265.0	278.3	274.3	-1.5	10.5
8	Qinhuangdao	China, PR of	CY	MT	167.5	204.9	248.9	274.8	243.9	-12.4	9.8
9	Hong Kong	China, PR of	CY	MT	230.1	238.2	245.4	259.4	243.0	-6.7	1.4
10	Busan	Korea, Rep. Of	CY	RT	217.2	217.9	243.6	241.7	226.2	-6.4	1.0
11	Port of South Louisiana	US	CY	MT	220.4	238.4	234.1	233.7	226.7	-3.0	0.7
12	Dalian	China, PR of	CY	MT	176.8	200.5	222.9	263.2	204.0	-26.6	3.6
13	Nagoya	Japan	FY	FT	187.1	208.0	215.6	218.1	165.1	-24.6	-3.1
14	Houston	US	CY	MT	191.7	201.5	202.9	204.6	220.0	7.6	3.5
15	Shenzhen	China, PR of	CY	MT	153.9	176.0	199.0	204.0	219.7	7.9	9.3
16	Kwangyang	Korea, Rep. Of	CY	RT	177.5	195.1	198.2	211.3	176.5	-17.6	-0.1
17	Los Angeles	US	CY	MT	169.0	181.6	189.2	170.0	170.3	0.2	0.2
18	Antwerp	Belgium	CY	MT	160.1	167.4	182.9	189.4	157.8	-17.3	-0.4
19	Long Beach	US	CY	RT	159.2	169.8	174.0	156.6	132.2	-14.0	-4.5
20	Chiba	Japan	CY	FT	165.7	167.0	169.2	165.1	144.9	-11.9	-3.3
21	Ulsan	Korea, Rep. Of	CY	RT	162.4	165.7	168.7	170.3	170.3	0.0	1.2
22	Kaohsiung	Taiwan	CY	MT	137.9	135.1	149.2	146.7	133.6	-8.8	-0.8
23	Yokohama	Japan	CY	FT	133.3	138.2	141.8	141.8	122.1	-13.9	-2.2
24	Hamburg	Germany	CY	MT	125.9	135.3	140.9	140.4	110.4	-21.3	-3.2
25	Inchon	Korea, Rep. Of	CY	RT	123.5	129.6	138.1	141.8	122.1	-14.3	-0.3
26	Port Kelang	Malaysia	CY	FT	109.7	122.0	135.5	152.3	137.6	-10.8	5.8
27	Dampier	Australia	FY	MT	110.1	126.1	133.9	140.8		-105.2	-100.0
28	Dubai Ports	UAE	CY	MT	92.5	110.0	130.9	143.5		-109.6	-100.0
29	Port Hedland	Australia	FY	MT	110.6	111.8	130.7	159.4	178.6	14.7	12.7
30	Kitakyushu	Japan	CY	FT	101.7	109.7	114.3	109.4	84.9	-21.4	-4.4
31	Tubarao	Brazil	CY	MT	98.7	103.6	109.8	99.9	102.0	1.9	0.8
32	Yantian	China, PR of	CY	MT	45.1	60.8	101.3	108.8	107.6	-1.2	24.3
33	Itaqui	Brazil	CY	MT	85.9	93.8	98.8	105.2	105.0	-0.2	5.1
34	Osaka	Japan	CY	FT	93.1	95.5	96.7	93.0	80.9	-12.5	-3.5
35	Marseilles	France	CY	MT	96.6	100.1	96.3	96.0	83.2	-13.3	-3.7
36	Kobe	Japan	CY	FT	91.2	95.5	96.2	95.2	77.0	-18.9	-4.1
37	Newcastle	Australia	FY	MT	85.6	85.6	93.3	95.8	103.0	7.7	4.7
38	Amsterdam Ports	Netherlands	FY	MT	74.9	84.3	87.8	94.8	86.7	-9.2	3.7
39	Sepetiba	Brazil	CY	MT	67.1	75.4	87.7	84.9	86.4	1.7	6.5
40	Tokyo	Japan	CY	FT	92.0	90.8	87.6	81.3	72.3	-10.3	-5.8
41	New York/ New Jersey	US	CY	MT	84.8	86.2	87.2	88.9	77.9	-12.6	-2.1
42	Richards Bay	South Africa	FY	MT	86.2	86.3	84.5	84.5	77.6	-8.2	-2.6
43	Tanjung Plepas	Malaysia	CY	MT	59.5	68.8	84.2	87.9	90.4	3.0	11.0
44	Vancouver	Canada	CY	MT	76.5	79.6	82.7	114.6	101.9	-15.4	7.4
45	Xiamen	China, PR of	FY	MT	60.2	72.8	81.2	97.0	111.0	17.2	16.5
46	Corpus Christi	US	CY	MT	78.7	79.8	81.0	79.1	76.8	-2.8	-0.6
47	Santos	Brazil	CY	MT	71.9	76.3	80.8	81.1	83.2	2.6	3.7
48	Hay Point	Australia	FY	MT	81.6	86.2	80.5	82.5	99.5	21.1	5.1
49	Novorossisk	Russia	CY	MT	70.8	80.9	79.3	81.6	86.5	6.2	5.1
50	Le Havre	France	CY	MT	75.0	73.9	78.9	79.8	73.8	-7.6	-0.4

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

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

RT and MT are not directly comparable figures.

Period: CY = Calendar Year, FY = Fiscal Year

MT=Metric tons FT= Freight ton RT= Revenue tons

Source: Shipping Statistics Year Book 2010 Published by Institute of Shipping Economics and Logistics (ISL)

Table 4.3

## Cargo Traffic - For Selected Ports in Asia - 2004-2009

Port	Year	Cargo Traffic ('000 Tonnes )				Percentage distribution of cargo traffic			Container Traffic ('000 TEUs)				Percentage of Container cargo to General Cargo
		Loaded	Unloaded	Total	Growth Rate (%)	General	Dry Bulk	Liquid	Loaded	Unloaded	Total	Growth Rate (%)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Hongkong (China)	2004	86025	134854	220879	6.4	83.3	9.0	7.7	10895	11089	21984	7.5	90.3
	2005	89183	140956	230139	4.2	81.8	10.2	8.0	11002	11599	22602	2.8	90.0
	2006	96696	141542	238238	3.5	84.7	8.0	7.3	11475	12064	23539	4.1	89.5
	2007	104109	141324	245433	3.0	85.4	7.2	7.3	11958	12041	23999	2.0	90.6
	2008	113425	145977	259402	5.7	83.4	10.3	6.3	12092	12402	24494	2.1	91.0
	2009	103673	139293	242966	-6.3	78.4	13.5	8.1	10529	10511	21040	-14.1	93.0
Shanghai (China)	2004	137840	241120	378961	19.8	...	...	...	10007	4011	14018	24.4	...
	2005	167780	275390	443170	16.9	...	...	...	12577	4299	16877	20.4	...
	2006	191500	278900	470400	6.1	...	...	...	14884	4747	19631	16.3	...
	2007	206680	285590	492270	4.6	...	...	...	13390	12760	26150	33.2	...
	2008	196142	315279	511421	3.9	...	...	...	...	...	27981	7.0	...
	2009	197543	308252	505795	-1.1	...	...	...	...	...	24912	-11.0	...
Chiba(a) ( Japan)	2004	44263	124991	169254	-0.2	8.9	23.8	67.3	...	...	...	...	...
	2005	44507	121208	165715	-2.1	8.8	25.4	65.9	...	...	...	...	...
	2006	44662	122301	166964	0.8	8.2	24.8	67.0	...	...	...	...	...
	2007	45389	123813	169202	1.3	8.5	25.9	65.6	...	...	...	...	...
	2008	47119	118324	165443	-2.4	19.1	25	56	...	...	...	...	...
	2009	37017	107886	144903	-12.3	14.0	27	59	...	...	...	...	...
Port Kelang(a) (Malaysia)	2004	41067	58843	99910	12.4	86.5	7.7	5.7	2592	2651	5243	8.3	78.0
	2005	46624	63035	109659	9.8	87.3	7.9	4.8	2739	2805	5544	5.7	80.0
	2006	56330	65674	122004	11.3	88.4	7.0	4.6	3138	3189	6327	14.1	82.0
	2007	62730	72784	135514	11.1	90.3	5.6	4.0	3533	3586	7119	12.5	93.0
	2008	73668	78680	152348	12.4	91.4	4.9	3.7	3971	4003	7974	12.0	93.8
	2009	65262	72353	137615	-9.7	91.9	6.6	1.4	3636	3674	7310	-8.3	92.0
Singapore(a) (Singapore)	2004	...	...	393418	13.2	61.2	5.9	32.9	...	...	21329	15.9	93.0
	2005	...	...	423158	7.6	62.0	5.5	32.6	...	...	23192	8.7	92.0
	2006	...	...	448504	6.0	62.7	3.1	34.1	...	...	24792	6.9	91.9
	2007	...	...	483616	7.8	65.1	2.3	32.5	...	...	27936	12.7	91.8
	2008	...	...	515415	6.6	65.3	2.3	32.5	...	...	29918	7.1	91.7
	2009	...	...	472300	-8.4	59.4	3.1	37.5	...	...	25867	-13.5	93.8

Table 4.3 (Contd...)

## Cargo Traffic - For Selected Ports in Asia - 2004-2009

Port	Year	Cargo Traffic ( '000 Tonnes )				Percentage distribution of cargo traffic			Container Traffic ('000 TEUs)				Percentage of Container Cargo to General Cargo
		Loaded	Unloaded	Total	Growth Rate (%)	General Cargo	Dry Bulk	Liquid Bulk	Loaded	Unloaded	Total	Growth Rate (%)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Dubai (UAE)	2004	...	...	77380	21.6	71.7	7.6	20.7	2993	3436	6429	24.8	89.0
	2005	...	...	92513	19.6	72.1	7.2	20.7	3510	4109	7619	18.5	89.0
	2006	...	...	110032	18.9	70.6	8.7	20.7	4135	4789	8924	17.1	89.0
	2007	...	...	130938	19.0	...	...	...	5314	5339	10653	19.4	88.1
	2008	...	...	...	...	...	...	...	5476	6351	11827	11.1	87.1
	2009	...	...	...	...	...	...	...	5597	5527	11124	-5.9	94.1
Manila (Philippines)	2004	16437	28842	45279	5.2	87.6	5.5	6.9	1342	1356	2699	5.2	81.0
	2005	16528	28221	44749	-1.2	85.5	8.0	6.5	1331	1329	2660	-1.4	84.0
	2006	16463	27689	44152	-1.3	85.6	8.1	6.3	1351	1368	2719	2.2	86.0
	2007	16282	29865	46148	4.5	85.2	...	...	1456	1487	2943	8.2	87.0
	2008	16037	29193	45230	-2.0	85.1	8.7	6.2	1508	1489	2997	1.8	88.0
	2009	14415	29365	43780	-3.2	83.9	7.9	8.2	1428	1447	2875	-4.1	85.0
Colombo (Sri Lanka)	2004	11893	22069	33962	11.4	...	...	...	...	...	2221	13.3	...
	2005	13156	24145	37301	9.8	...	...	...	...	...	2455	10.6	...
	2006	15343	24085	39428	5.7	...	...	...	...	...	3079	25.4	...
	2007	14896	26396	41292	4.7	...	...	...	...	...	3382	9.8	...
	2008	15963	29045	45008	9.0	...	...	...	...	...	3690	9.1	...
	2009	15590	28209	43799	-2.7	...	...	...	...	...	3481	-5.7	...
Busan(b) (South Korea)	2004	113615	101418	215033	14.9	94.4	2.5	3.2	5696	5719	11415	11.0	94.0
	2005	112103	105114	217217	1.0	94.2	2.4	3.4	5899	5938	11837	3.7	94.0
	2006	114853	115086	229939	5.9	94.4	2.1	3.5	5975	6063	12039	1.7	94.0
	2007	122937	120628	243564	5.9	94.3	2.1	3.6	6574	6681	13255	10.1	95.0
	2008	122146	119537	241683	-0.8	93.6	2.5	3.9	6676	6770	13446	1.4	...
	2009	99952	126230	226182	-6.4	...	...	...	5958	5983	11941	-11.2	...
Bangkok(c) (Thailand)	2004	7357	7948	15305	4.6	86.5	...	...	687	631	1318	13.4	86.5
	2005	7179	8852	16031	4.7	85.7	...	...	749	702	1451	19.7	...
	2006	8044	8986	17030	6.2	87.4	...	...	749	702	1451	0.0	...
	2007	8910	9405	18315	7.5	87.9	...	...	794	764	1558	7.4	...
	2008	8169	9599	17768	-3.0	94.2	...	...	655	720	1375	-11.7	...
	2009	7717	7852	15569	-12.4	91.4	...	...	634	559	1193	-13.2	...

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

Source : Shipping Statistics Year Book 2009 by ISL & official Websites of the Ports..

# **SECTION – II**

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

**Table 5.1 Gross Domestic Product by Economic Activity (at 2004-05 prices)**

Industry	(Rs. in Crore)					
	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
1	2	3	4	5	6	7
1. Agriculture, forestry & fishing	565426	594487	619190	655080	654118	656975
2. Mining & quarrying	85028	86141	92578	95997	97244	103999
3. Manufacturing	453225	499011	570436	629052	655775	713428
4. Elect. gas & water supply	62675	67121	73358	79425	83344	88654
5. Construction	228855	258124	284798	315389	332557	355918
6. Trade, hotels & restaurant	477303	535688	594785	654298	690358	736628
7. Transport, storage & communication	250417	281008	316768	357514	397217	456654
8. Financing, insurance, real estate & business services	437174	492478	561378	628375	706712	771763
9. Community, social & personal services	411361	440158	452720	483828	545184	609724
10. GDP at factor cost (1 to 9)	2971464	3254216	3566011	3898958	4162509	4493743
	▼	▼	▼	▼	▼	▼
	(7.5)	(9.5)	(9.7)	(9.2)	(6.9)	(8.0)

Note: Figures in parentheses represent percentage change.

Source: Central Statistical Organisation, Govt. of India.

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	28131.20	150531.00	178662.20	87121.10	199701.70	286822.80	-58989.90	-49170.70	-108160.60
(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	132616.10	712509.10	845125.20	411579.10	944889.60	1356468.70	-278963.00	-232380.50	-511343.50

Source: Directorate General of Commercial Intelligence and Statistics.

Table 5.3

## Import of Principal Commodities

Commodity	(US \$ Million)			(Rupees crore)		
	2007-08	2008-09	2009-10(P)	2007-08	2008-09	2009-10(P)
1	2	3	4	5	6	7
<b>I Bulk Imports</b>	<b>112744.7</b>	<b>138791.1</b>	<b>125315.1</b>	<b>453918.0</b>	<b>627486.3</b>	<b>592784.1</b>
<b>A. Petroleum, Crude and Products</b>	<b>79644.5</b>	<b>93671.7</b>	<b>87135.9</b>	<b>320654.5</b>	<b>419967.6</b>	<b>411649.1</b>
<b>B. Bulk Consumption Goods</b>	<b>4600.3</b>	<b>4975.3</b>	<b>9012.7</b>	<b>18521.0</b>	<b>22883.2</b>	<b>42759.3</b>
1. Cereals and Cereal Preparations	705.2	47.0	104.7	2839.1	216.2	496.8
2. Edible Oils	2558.6	3443.4	5582.1	10301.1	15837.5	26483.3
3. Pulses	1335.0	1358.1	2068.4	5374.9	6246.4	9813.4
4. Sugar	1.5	126.8	1257.5	5.9	583.2	5965.8
<b>C. Other Bulk Items</b>	<b>28499.9</b>	<b>40144.1</b>	<b>29166.5</b>	<b>114742.5</b>	<b>184635.5</b>	<b>138375.7</b>
1. Fertilizers	5406.0	13626.5	6836.9	21764.9	62672.8	32436.7
a) Crude	467.3	1062.6	701.1	1881.6	4887.4	3326.2
b) Sulphur and Unroasted Iron Pyrites	362.0	651.2	143.7	1457.5	2994.8	682.0
c) Manufactured	4576.6	11912.7	5992.1	18425.8	54790.5	28428.6
2. Non Ferrous Metals	3505.2	5699.3	3006.5	14112.3	26213.0	14264.0
3. Paper, Paperboards, Mgfs. Incl. News Prints	1424.8	1770.3	1504.1	5736.2	8142.0	7136.1
4. Crude Rubber, incl. Synthetic and Reclaimed	785.7	860.8	1014.6	3163.3	3959.0	4813.4
5. Pulp and Waste Paper.	778.0	805.6	880.7	3132.1	3705.0	4178.1
6. Metalliferous Ores, Metal Scrap, etc.	7911.7	7906.3	7682.8	31852.9	36363.6	36449.9
7. Iron and Steel	8688.6	9475.3	8240.9	34980.8	43580.2	39097.5
<b>II. Non-Bulk Imports</b>	<b>138694.4</b>	<b>160042.8</b>	<b>163057.7</b>	<b>558393.8</b>	<b>746949.3</b>	<b>770951.5</b>
<b>A.Capital Goods</b>	<b>70110.5</b>	<b>71833.1</b>	<b>65865.0</b>	<b>282269.4</b>	<b>330384.3</b>	<b>312485.4</b>
1. Manufactures of Metals	2662.7	3254.9	2402.1	10720.2	14970.5	11396.3
2. Machine Tools	2208.0	2259.8	1655.7	8889.6	10393.6	7855.3
3. Machinery except Electrical and Electronic	19860.4	21601.0	19683.1	79959.4	99350.3	93383.3
4. Electrical Machinery except Electronic	2870.5	3685.5	3113.4	11556.9	16951.0	14770.8
5. Electronic Goods	20209.9	23333.8	20955.2	81366.3	107319.8	99418.6
6. Computer Goods	893.8	1274.6	1680.5	3598.3	5862.5	7972.8
7. Transport Equipment	20111.6	13230.3	11692.3	80970.7	60850.7	55471.9
8. Project Goods	1293.5	3193.1	4682.8	5207.9	14685.9	22216.5
<b>B.Mainly Exported Related Items</b>	<b>20768.3</b>	<b>31930.8</b>	<b>31270.0</b>	<b>83614.6</b>	<b>146860.0</b>	<b>148355.2</b>
1. Pearls, Precious and Semi-Precious Stones	7971.6	16581.3	16162.1	32094.3	76263.0	76678.3
2. Organic and Inorganic Chemicals	9896.6	12203.0	11903.2	39844.5	56125.4	56472.7
3. Textile Yarn, Fabrics, Made-ups, etc,	2474.1	2565.4	2562.4	9961.0	11799.2	12156.7
4. Cashew Nuts	425.9	581.1	642.4	1714.8	2672.4	3047.5
<b>C.Others</b>	<b>47815.7</b>	<b>56278.9</b>	<b>65922.8</b>	<b>192509.8</b>	<b>269705.0</b>	<b>310110.9</b>
1. Gold and Silver	17866.9	22783.0	29601.7	71933.5	104786.4	140440.4
a). Gold	16723.6	20725.6	28640.1	67330.4	95323.8	135877.9
b). Silver	1143.3	2057.4	961.7	4603.1	9462.6	4562.5
2. Artificial Resins and Plastic Materials, etc.	3685.2	3939.1	4990.1	14836.6	18117.3	23674.7
3. Professional, Scientific Controlling Instruments, Photographic Optical Goods	3899.6	4420.3	3616.3	15700.0	20330.4	17157.0
4. Coal, Coke and Briquettes, etc.	6423.7	9990.2	8960.4	25862.2	45948.0	42511.1
5. Medical and Pharmaceutical Products	1671.7	1886.1	2099.1	6730.4	8674.8	9959.0
6. Chemical Materials and Products.	1625.3	2092.8	2292.1	6543.6	9625.6	10874.3
7. Non-Metallic Mineral Manufactures	1046.6	1171.4	1080.8	4213.7	5387.7	5127.7
8. Others	11596.9	9996.0	13282.3	46689.8	56834.8	60366.7
<b>Total Imports</b>	<b>251439.2</b>	<b>298833.9</b>	<b>288372.9</b>	<b>1012311.8</b>	<b>1374435.6</b>	<b>1363735.5</b>

P: Provisional

Source: Directorate General of Commercial Intelligence and Statistics.

**Table 5.4 Export of Principal Commodities**

Commodity	(US \$ Million)			(Rupees crore)		
	2007-08	2008-09	2009-10(P)	2007-08	2008-09	2009-10(P)
1	2	3	4	5	6	7
<b>1. Primary Products</b>	<b>27551.9</b>	<b>25335.4</b>	<b>26396.5</b>	<b>110925.9</b>	<b>116526.1</b>	<b>125233.9</b>
<b>A. Agriculture and Allied Products</b>	<b>18432.1</b>	<b>17534.9</b>	<b>17734.1</b>	<b>74209.0</b>	<b>80649.1</b>	<b>84136.3</b>
1. Tea	505.3	584.6	620.4	2034.2	2688.9	2943.5
2. Coffee	465.0	490.4	428.3	1872.3	2255.8	2032.1
3. Rice	2919.6	2427.4	2372.3	11754.6	11164.4	11254.9
4. Wheat	0.1	0.3	0.2	0.2	1.5	0.1
5. Cotton raw including waste	2202.0	623.1	2010.2	8865.4	2865.9	9537.1
6. Tobacco	479.8	752.5	915.7	1931.9	3461.1	4344.4
7. Cashew incl. Cashew Nut Shell Liquid	555.1	637.2	596.3	2234.8	2930.7	2829.2
8. Spices	1071.7	1378.1	1297.8	4314.9	6338.4	6157.3
9. Oil Meals	2022.0	2232.8	1650.8	8140.5	10269.2	7831.8
10. Fruits and Vegetables	761.6	982.6	1128.9	3066.4	4519.4	5355.9
11. Processed Fruits, Juices, misc. Processed items	530.5	690.7	686.0	2135.8	3176.6	3254.6
12. Marine Products	1720.5	1536.4	2086.7	6926.7	7066.4	9900.0
13. Sugar and Mollases	1406.5	985.2	27.4	5662.8	4531.4	130.0
14. Meat and Meat preparations	931.3	1167.9	1325.0	3749.5	5371.4	6286.1
15. Others	2861.1	3045.7	2588.2	11519.1	14008.0	12279.4
<b>B. Ores and Minerals</b>	<b>9119.8</b>	<b>7800.5</b>	<b>8662.5</b>	<b>36716.9</b>	<b>35877.0</b>	<b>41097.6</b>
1. Iron Ore	5812.0	4723.6	5978.9	23399.7	21725.2	28366.1
2. Mica	21.8	29.6	27.8	87.5	136.2	132.0
3. Others	3286.0	3047.3	2655.7	13229.7	14015.6	12599.5
<b>II. Manufactured Goods</b>	<b>102978.8</b>	<b>123148.9</b>	<b>115180.7</b>	<b>414599.3</b>	<b>566402.2</b>	<b>546455.7</b>
<b>A. Leather and Manufactures</b>	<b>3502.5</b>	<b>3556.0</b>	<b>3361.1</b>	<b>14101.3</b>	<b>16355.1</b>	<b>15946.4</b>
<b>B. Chemicals and Related Products</b>	<b>21193.8</b>	<b>22708.2</b>	<b>22908.8</b>	<b>85327.7</b>	<b>104442.1</b>	<b>108686.7</b>
1. Basic Chemicals, pharmaceuticals & cosmetics	13952.4	15628.4	15767.5	56173.4	71880.0	74806.2
2. Plastic and Linoleum Products	3418.6	3004.2	3354.1	13763.4	13817.3	15912.8
3. Rubber, Glass, Paints, Enamels and Products	2886.3	2992.2	2752.5	11620.5	13762.0	13058.9
4. Residual Chemicals & allied products	936.5	1083.4	1034.7	3770.5	4982.8	4908.8
<b>C. Engineering goods</b>	<b>37365.1</b>	<b>47285.5</b>	<b>38271.3</b>	<b>150434.8</b>	<b>217482.0</b>	<b>181571.7</b>
1. Iron & Steel	5446.5	5822.7	3622.2	21928.1	26780.6	17185.1
2. Manufacture of metals	7051.3	7548.2	5523.0	28389.0	34716.7	26203.0
3. Machinery & instruments	9128.1	10945.5	9539.0	36750.3	50341.9	45256.3
4. Transport equipment	7024.7	11153.3	9824.3	28282.1	51297.8	46609.8
5. Electronic goods	3361.1	6805.6	5458.2	13532.2	31301.4	25895.4
6. Others	5353.4	5010.2	4304.5	21553.1	23043.6	20422.1
<b>D. Textile &amp; textile products</b>	<b>19425.8</b>	<b>20016.4</b>	<b>19853.0</b>	<b>78209.3</b>	<b>92061.8</b>	<b>94189.3</b>
1. Cotton yarn, fabrics, made-ups etc	4653.3	4115.7	3684.2	18734.4	18929.5	17479.1
2. Natural silk yarn, fabrics, made-ups etc. including silk waste	385.8	363.1	302.7	1553.1	1670.0	1436.0
3. Man made yarn, fabrics, made-ups etc.	2897.0	3026.3	3602.7	11663.3	13918.8	17092.5
4. Manmade staple fibre	278.6	254.8	356.4	1121.7	1172.0	1690.7
5. Woolen yarn, fabrics, made-ups etc.	92.8	99.3	89.6	373.6	456.5	424.9
6. Readymade garments	9687.1	10935.0	10705.6	39001.0	50293.5	50791.0
7. Jute & jute manufactures	327.7	299.1	217.8	1319.4	1375.8	1033.1
8. Coir & coir manufactures	160.2	148.0	160.1	644.9	680.7	759.7
9. Carpets	943.3	775.1	734.0	3797.9	3565.0	3482.3
(a) Carpet handmade	925.4	762.4	725.4	3725.8	3506.4	3441.7
(b) Carpet millmade	0.0	0.0	0.0	0.0	0.0	0.0
(c) Silk carpet	17.9	12.8	8.6	72.1	58.7	40.6
<b>E. Gems &amp; Jewellery</b>	<b>19678.7</b>	<b>27955.2</b>	<b>28996.3</b>	<b>79227.7</b>	<b>128575.2</b>	<b>137568.0</b>
<b>F. Handicrafts(excluding carpets)</b>	<b>508.2</b>	<b>30.9</b>	<b>224.8</b>	<b>2046.2</b>	<b>1384.2</b>	<b>1066.6</b>
<b>G. Other manufactured goods.</b>	<b>1304.6</b>	<b>1326.7</b>	<b>1565.5</b>	<b>5252.3</b>	<b>6101.9</b>	<b>7427.0</b>
<b>III. Petroleum Products</b>	<b>28363.1</b>	<b>27547.0</b>	<b>28192.0</b>	<b>114191.7</b>	<b>123397.9</b>	<b>132899.0</b>
<b>IV. Others</b>	<b>4010.5</b>	<b>9263.7</b>	<b>8982.2</b>	<b>16146.6</b>	<b>34428.9</b>	<b>40945.0</b>
<b>Total Exports</b>	<b>162904.3</b>	<b>185295.0</b>	<b>178751.4</b>	<b>655863.5</b>	<b>840755.1</b>	<b>845533.6</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					

Source : DGCI &amp; S, Ministry Of Commerce

**Table 5.6 Transport Sector - Outlay And Expenditure Under The Plans**

(Rs. In Crore)

Sector	Eighth Plan (1992-97)		Ninth Plan (1997-02)		Tenth plan 2002-07	Annual Plan (2002-03)		Annual Plan (2003-04)		Annual Plan (2004-05)		Annual Plan (2005-06)		Annual Plan (2006-07)		Annual Plan (2007-08)		Annual Plan (2008-09)		Annual Plan (2009-10)	
	Out-lay	Expen-diture	Out-lay	Expen-diture	Out-lay	Outlay	Expen-diture	Out-lay	Expen-diture	Out-lay	Expen-diture	Out-lay	Expen-diture	Out-lay	Expen-diture	Out-lay	Expen-diture	Outlay	Expen-diture	Out-lay	Expen-diture
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1. Railway	27202	32302	45413	45725	60600	12330	11108	11985	13044	15335	14701	15349	18838	23475	25002	29539	27615	33413	32375	34727	34727
2. Roads	12833	16140	39331	49686	109811	21349	18688	13520	17827(b)	22025	15425	33326	27657	15065	11146	14530	14430	17370	17049	20198	20198
3. Road Transport	4119	3538	7415	5965	9417	2239	1862	1361	830	1543	803	1705	1202	50	45	57	46	160	112	215	215
4. Ports (including minor ports)	3557	2302	10081	5316	6080	1261	631	1209	405	1231	459	1310	460	1396	1012	2011	1036	3253	1011	2059	2059
5. Shipping#	3669	3033	6305	2466	7653	1493	487	1406	632	1182	308	1463	575	1588	564	1819	1172	2133	1117	2138	2138
6. I.W.T.	331	152	547	339	1104	142	84	81	104	166	150	176	128	150	119	151	80	160	82	94	94
7. Light Houses & Light ships	57	25	123	56	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
8. Civil Air Transport	4083	7249	11373	6926	13280	2620	1796	1875	1449(b)	1750	1335	2514	1786	3049	1960	11766	10015	8938	6390	10368	10013
9. Other Transport	239	244	448	1567	3308	454	588	932	976	1085	1180	1354	1052	-	-	-	-	-	-	-	-
10.Total Transport Sector	56090	64985	121036	118047	211253	41888	35244	42369	35267	44317	34361	57197	51998	44773	39848	59873	54394	65427	58136	69799	69444
11.Share of Ports & LH & LS in the transport sector (%)	6.4	3.6	8.4	4.6	2.9	3.0	1.8	2.9	1.1	2.8	1.3	2.3	1.5	3.1	2.5	3.4	1.9	5.0	1.7	2.9	3.0

(a) : Included in Ports

(b) : Revised Estimate for Centre

# Includes Shipping Corporation of India(SC), Directorate General of Lighthouse & Lighships(DGLL) and Indian Maritime University(IMU)

Note: Figures for 2006-07 relates to Central Sector only

The figures for ports in 2006-07 is excluding minor ports

Source: Planning commission.

Table 5.7

## Outlay And Expenditure - Port Sector (Central)

(Rs. In crore)

Port	Annual Plan (2004-2005)		Annual Plan (2005-2006)		Annual Plan (2006-2007)		Annual Plan (2007-2008)		Annual Plan (2008-2009)		Annual Plan (2009-2010)		Annual Plan (2010-11)	
	App. Outlay	Actual Exp.	App. Outlay	Actual Exp.	App. Outlay	Actual Exp.	App. Outlay	Actual Exp.	App. Outlay	Actual Exp.	App. Outlay	Actual Exp.	App. Outlay	Actual Exp.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Kolkata (a)	46.22	47.55	54.04	59.66	50.04	71.99	37.37	63.05	44.97	53.64	58.00	48.85	50.88	49.76
Mumbai	56.15	44.49	74.53	19.23	59.86	14.55	50.36	26.10	150.00	37.84	192.00	146.09	179.58	116.76
JNPT	102.14	58.85	96.84	65.77	106.14	40.71	188.18	70.28	175.17	48.77	324.00	177.94	89.61	38.24
Chennai	16.75	22.68	46.71	25.11	35.00	26.07	47.81	44.41	72.95	48.98	34.00	58.37	243.00	184.46
Cochin	85.41	9.52	53.12	24.76	73.84	72.89	158.52	139.07	255.65	292.90	191.97	190.93	259.35	160.86
Visakhapatnam	54.44	27.68	27.00	17.68	27.33	43.80	83.00	36.61	39.97	31.44	65.01	75.74	151.00	121.19
Kandla	92.98	52.89	93.30	91.29	94.66	80.19	89.49	38.25	140.87	58.07	115.00	62.64	45.66	52.70
Mormugao	53.85	11.05	33.50	17.92	28.06	20.77	10.10	11.18	22.07	17.52	71.00	31.01	66.29	71.52
Paradip	87.16	28.99	116.00	44.02	83.40	23.15	100.00	42.05	288.00	101.47	276.51	128.19	166.21	81.26
New Mangalore	20.00	29.60	26.00	18.09	18.00	18.02	36.00	25.81	30.00	30.11	34.00	32.48	31.00	24.56
Tuticorin	25.81	5.48	43.67	13.56	52.31	29.11	79.46	63.16	96.87	65.12	220.50	39.03	90.94	172.08
Ennore Port Ltd.	95.00	2.32	76.00	13.40	70.00	9.57	61.00	34.53	70.00	102.43	95.01	50.52	95.00	70.12
Sethusamudram Ship Canal Project	10.00	0.00	107.00	150.00	304.00	334.66	664.22	119.47	1581.07	152.24	161.10	20.98	10.00	6.02
WEB Based EDI Port Community Syster	0.00	0.00	6.00	0.34	7.83	1.66	7.50	0.04	6.00	1.00	3.00	3.33	4.88	4.46
Others (b)	221.04	19.87	259.74	79.14	333.78	213.64	477.26	170.67	598.38	88.59	564.90	161.68	362.86	223.31
Survey Vessels	100.00	0.00	50.00	0.00	20.00	0.00	19.00	0.00	79.00	5.00	10.00	0.00	15.00	15.00
<b>Total</b>	<b>1066.95</b>	<b>360.97</b>	<b>1163.45</b>	<b>639.97</b>	<b>1364.25</b>	<b>1000.81</b>	<b>2109.27</b>	<b>884.68</b>	<b>3650.97</b>	<b>1135.12</b>	<b>2416.00</b>	<b>1227.78</b>	<b>1861.26</b>	<b>1392.30</b>

(a) Includes Haldia and RR Schemes.

(b) Includes DCI, ALHW, R&amp;D Studies, Post Tsunami Works, Minor Ports Studies etc.

App.Outlay: Approved Outlay

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

**Table 5.8****Outlay And Expenditure on Non-Major Ports**

(Rs. In Crore)

Plan/Year	Central Scheme	State/Union Territories	Total
1	2	3	4
I Plan Actual 1951-56	-	1.62	1.62
II Plan Actual 1956-61	-	4.78	4.78
III Plan Actual 1961-66	-	8.66	8.66
Annual Plans Actual 1966-69	-	6.92	6.92
IV Plan Outlay 1969-74 Expenditure	20.00 5.01	15.00 12.26	35.00 17.27
V Plan Outlay 1974-79 Expenditure	22.38 8.15	23.77 17.56	46.15 25.71
1978-79 Expenditure	2.04	8.16	10.20
1979-80 Outlay Expenditure	2.30 20.00	6.21 72.18	8.51 92.18
VI Plan Outlay 1980-85 Expenditure	- 1.00	10.92 125.63	10.92 126.63
VII Plan Outlay 1985-90 Expenditure	20.00 -	162.50 48.18	182.50 48.18
1990-91 Outlay Expenditure	- -	40.73 50.26	40.73 50.26
1991-92 Outlay Expenditure	- -	40.57 38.42	40.57 38.42
VIII Plan Outlay 1992-97 Expenditure	- -	340.58 394.63	340.58 394.63
1997-98 Outlay Expenditure	- -	49.64 32.95	49.64 32.95
1998-99 Outlay Expenditure	- -	40.06 45.08	40.06 45.08
1999-2000 Outlay Expenditure	- -	42.36 24.78	42.36 24.78
2000-01 Outlay Expenditure	- -	23.87 28.93	23.87 28.93
2001-02 Outlay Expenditure	- -	37.58 38.86	37.58 38.86
2002-03 Outlay Expenditure	- -	88.09 74.10	88.09 74.10
2003-04 Outlay Expenditure	- -	79.03 44.25	79.03 44.25
2004-05 Outlay Expenditure	- -	99.40 80.81	99.40 80.81
2005-06 Outlay Expenditure	- -	115.31 109.44	115.31 109.44
2006-07 Outlay Expenditure	- -	217.69 204.49	217.69 204.49
2007-08 Outlay Expenditure	- -	- -	- -
2008-09 Outlay Expenditure	- -	- -	- -
2009-10 Outlay Expenditure	- -	- -	- -
2010-11 Outlay Expenditure	- -	- -	- -

Note: Outlay & Expenditure includes Light House & Light Ships for the year 2001-02, onwards.

Source :- Planning Commission.

**Table 5.9****India's Overseas Trade during 2009-10**

(In '000 Tonnes)

Type of Cargo		Indian Lines	Foreign Lines	Total
Break Bulk	Loaded	174 (1.62)	10588 (98.38)	10762
	Unloaded	1566 (4.32)	34699 (95.68)	36265
	Total	1740 (3.7)	45287 (96.3)	47027
Container	Loaded	2122 (4.65)	43491 (95.35)	45613
	Unloaded	1859 (2.82)	64076 (97.18)	65935
	Total	3981 (3.57)	107567 (96.43)	111548
Dry Bulk	Loaded	6920 (4.85)	135768 (95.15)	142688
	Unloaded	6042 (4.3)	134409 (95.7)	140451
	Total	12962 (4.58)	270177 (95.42)	283139
POL/Product & Other Liquids	Loaded	2270 (4.36)	49806 (95.64)	52076
	Unloaded	36927 (18.12)	166814 (81.88)	203741
	Total	39197 (15.32)	216620 (84.68)	255817
Grand Total	Loaded	11486 (4.57)	239653 (95.43)	251139
	Unloaded	46394 (10.39)	399998 (89.61)	446392
	Total	57880 (8.3)	639651 (91.7)	697531

Note : Figures in parenthesis indicate the percentage share

Source : Major & Non-Major Ports

# **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 cranage and cargo handling (and also pilferage) and permitting a quick turn round of the ships.
10. **Berth-Day** A day of occupation of a berth (quay or mooring) by a ship.
11. **Ship-Day** A day spent in harbour by a ship.
12. **Turn-Round Time** Total time spent by a ship since its entry till its departure.

13.	<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.