

भारत के मूल पत्तन आंकड़े

BASIC PORT STATISTICS OF INDIA

2010-11



परिवहन अनुसंधान प्रभाग
TRANSPORT RESEARCH WING
पोत मंत्रालय
MINISTRY OF SHIPPING
भारत सरकार
GOVERNMENT OF INDIA
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P R E F A C E

Transport Research Wing (TRW) is the nodal agency for data collection, compilation & dissemination for Ministry of Shipping and Ministry of Road Transport & Highways. '**Basic Port Statistics of India**' (BPS) is an annual flagship publication on Port Sector. BPS 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 : 2010-11 consists of 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 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 necessary information for this publication. The publication is the outcome of combined and committed efforts put in by the officers and staff of the 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	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
1	2	3	4	5	6	7	8
1. No. of Ports (Number)							
Major	12	12	12	12	12	12	12
Non-Major	187	187	187	187	187	187	187
Total	199	199	199	199	199	199	199
2. Cargo Handled (Million Tonnes)							
Major	383.76	423.57	463.78	519.31	530.80	561.09	570.09
Non-Major	136.96	150.12	184.92	206.38	213.22	288.94	315.36
Total	520.72	573.69	648.70	725.69	744.02	850.03	885.45
3. Containers							
Major ('000 TEUs)	4235	4613	5537	6705	6578	6969	7561
('000 Tonnes)	54791	62009	73469	92247	93440	101287	114158
4. Passenger Traffic ('000 Nos.)							
Major	311	408	431	483	330	460	344
Non-Major	14738	20268	15502	16108	17294	13523	13535
Total	15049	20676	15933	16591	17624	13983	13879
5. Employment ('000 Nos.)							
Major	65	64	60	59	57	55	53
Non-Major	3	3	3	3	3	3	3
6. Financial Performance - Major Ports (Rs. Million)							
a) Total Revenue	54529	59813	68709	71893	75211	79767	80084
b) Total Expenditure	43555	39369	44221	46677	57315	65173	70431
7. Performance Indicators- Major Ports							
a) Total Cargo Vessels Sailed(Nos.)	17378	19171	20168	21529	21366	22047	22022
b) Av. Turn Round Time (Days)	3.5	3.63	3.65	3.98	4.20	4.63	5.29
c) Av. Pre-berthing Detention (Days)	0.96	1.11	1.20	1.55	1.63	2.17	2.32
On Port Account	0.26	0.36	0.39	0.46	0.39	0.4	0.5
On Non Port Account	0.70	0.75	0.81	1.09	1.24	1.68	1.82
d) Output per ship berth day (Tonnes)	9371	9543	10326	9440	9669	9215	9140
Container	9204	11358	19570	13776	15223	16272	17583
Break-Bulk	1768	1904	1839	1488	1647	1724	1922
Dry Bulk- Mechanical	22244	20786	22431	20057	18104	17044	13114
Conventional	6373	6433	6042	6394	6518	5985	6773
Liquid Bulk	17233	17045	17575	17034	17430	16445	16073

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 In 2010, the world economy embarked on a recovery path with world output growing at more than 5 per cent over the previous year (Table 1.1). The stimulus measures taken by governments at the onset of the crisis helped jump-start growth. However, the effect of these measures started to fade away as governments initiated a shift towards fiscal consolidation. In 2010, advanced economies recorded positive growth, with their output expanding by more than 3 per cent. Developing economies continued to drive the global recovery with the rebound being led by large emerging economies like China India and Brazil. The overall strong performance of developing countries as a group conceals differences between countries and groupings. The lead taken by developing economies in powering global growth reflects a shake-up in the world's economic order which has taken decades to unfold. UNCTAD data show that the share of developing countries in the global economic output rose from about 17 per cent in 1980 to over 28 per cent in 2010. In 2010, China overtook Japan as the world's second biggest economy (in nominal terms).Goldman Sachs is now predicting that the BRIC countries (Brazil, Russian Federation, India and China) will overtake the G-7 countries in size of their economies by 2018, i.e. much sooner than its original prediction of 2040 made a decade ago.

1.2 However, the world recovery continues to be very fragile and faltering as it grew by 3.9% in 2011 and world output is projected to grow by 3.5 per cent in 2012. While output growth in all economies is expected to decelerate, the recovery continues to be driven by emerging & developing markets which are expected to grow by more than 6 %. However, these projections are subject to many downside risks which can derail growth. These include renewed stresses in the euro area, sovereign risks, high unemployment in advanced economies, rising food and commodity prices, the risk of a rise in trade protectionism, inflationary pressures in emerging markets, and the end of the stimulus funding impact as all countries, with the exception of the United States, proceed with fiscal consolidation.

1.3 Multiple risks are currently clouding the prospects of a sustained recovery and a stable world economy. These risks are magnified by extraordinary shocks and events, including natural disasters and political unrest as well as rising and volatile energy and other commodity prices.

1.4 Overcoming the slump in world trade in 2009 which fell by 11.7 % and in tandem with the recovery in the world economy, the volume of world merchandise trade, bounced back, and is estimated to have grown at more than 14 % in 2010 but decelerated to 6.3% in 2011. Robust growth in large emerging economies such as China and India, combined with their deeper economic integration and intensified intraregional trade, have cushioned the impact of global slowdown in world merchandise trade. The share of developing countries in global trade increased from about one third to more than 40 per cent between 2008 and 2010.

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

Table 1: Growth in Cargo handled at Indian Ports and related parameters					
Parameters	2006-07	2007-08	2008-09	2009-10	2010-11
Trends in India's Select : Macro Parameters (in per cent)					
I. Total Cargo	13.1	11.9	2.5	14.3	4.2
(a) Major Ports	9.5	12.0	2.2	5.7	1.6
(b) Non Major Ports	23.2	11.6	3.3	35.7	9.1
II. GDP overall	9.6	9.3	6.7	8.4	8.4
(a) Agriculture	4.2	5.8	0.1	1.0	7.0
(b) Industry	12.2	9.7	4.4	8.4	7.2
(c) Services	10.1	10.3	10.0	10.5	9.3
III. Foreign Trade					
(a) Export in \$ value	22.6	29.0	13.6	-3.5	40.5
(b) Import in \$ value	24.5	35.5	20.7	-5.0	28.2
Trends in Global Select : Macro Parameters (in per cent)					
IV. World Output	5.2	5.4	2.8	-0.6	5.3
(a) Advanced Economies	3.0	2.8	0.0	-3.6	3.2
(b) Developing Economies	8.2	8.7	6.0	2.8	7.5
V. World Trade Volume #	9.2	7.2	2.4	-11.7	14.3
VI. Export Volume (Goods)					
(a) Advanced Economies	8.8	5.8	1.5	-13.3	14.0
(b) Developing Economies	10.8	9.5	4.3	-8.4	15.0
VII. Import Volume (Goods)					
(a) Advanced Economies	8.1	4.7	-0.1	-13.1	13.3
(b) Developing Economies	11.2	14.3	8.3	-9.3	16.0
VIII. World Seaborne Trade*	7.3	3.8	2.1	-5.0	7.0
(a) Goods Loaded	6.1	4.3	2.4	-4.5	7.0
(b) Goods Unloaded	8.4	3.3	1.8	-5.5	7.0
I. Based on data from Major Ports and Non Major Ports II. Based on gross domestic product (GDP) at Factor Cost (1999-2000 Prices), Central Statistical Organization; III. Based on Department of Commerce, DGC&S data; IV,V,VI & VII Based on World Economic Outlook, April ,2012, IMF; VIII. Based on Review of Maritime Transport, 2011, UNCTAD Note : MT: Million Tonnes; For item Nos IV, V, VI & VII year 2006-07 refers to calendar year 2006 and so on; * growth in total goods loaded plus unloaded; #Goods					

Trends and Developments in World Seaborne Trade

1.6 Fortunes of maritime trade move in tandem with worldwide macroeconomic conditions. Developments in the world economy and merchandise trade are primary drivers in seaborne trade. Maritime transport activity depends on developments in world trade. An analysis of world seaborne trade (Table:2) based on Review of Maritime Transport (RMT), UNCTAD (2011) shows that world seaborne trade in 2010 bounced back from the contraction of the previous year and grew by an estimated 7 per cent, taking the total of goods loaded to 8.4 billion tons, a level surpassing the pre-crisis level reached in 2008.

Year	Oil	Main Bulk#	Other Dry Cargo	Total
2000	2163	1288	2533	5984
2006	2698	1836	3166	7700
2007	2747	1957	3330	8034
2008	2742	2059	3428	8229
2009	2642	2094	3122	7858
2010	2752	2333	3323	8408

iron ore, grain, coal, bauxite/alumina and phosphate
Source:Review of Maritime Transport,2011,UNCTAD

General Trends in Seaborne trade

1.7 Container trade and major dry bulks are driving this expansion. In 2010, world seaborne trade continued to be dominated by raw materials, with tanker trade accounting for about one third of the total tonnage and other dry cargo including containerized accounting for about 40 per cent. The remainder (about 28 per cent) is made of the five major dry bulks, namely iron ore, coal, grain, bauxite and alumina and phosphate.

1.8 In 2010, dry cargo, including major dry bulks (iron ore, grain, coal, bauxite/alumina and phosphate), minor dry bulks (manufactures, agribulks, metals and minerals), general cargo and containerized trade bounced back and expanded by 8.4 per cent over 2009. Developing countries continued to account for the main loading and unloading areas, with their shares of total goods loaded and unloaded in 2010 amounting to 60 per cent and 56 per cent, respectively. Developed economies' shares of global goods loaded and unloaded were 34 per cent and 43 per cent, respectively.

1.9 The contribution of various regions to world seaborne trade volumes underscores the dominance of large emerging developing economies and reflects the concentration of resources and raw materials, which make up the bulk of seaborne trade. Asia is by far the most important loading and unloading area, with a share of 40 per cent of total goods loaded and 55 per cent of goods unloaded. The growth in the proportion of goods unloaded also reflects the emergence of developing countries as a major source of import demand.

Crude Oil & Petroleum Products

1.10 Demand for crude oil tankers is closely correlated with the global oil demand. In 2010, seaborne shipments of crude oil recovered and returned to pre-crisis levels. Crude oil loaded in 2010 amounted to about 1.8 billion tons, a 4.3 per cent increase over 2009. Global refinery throughputs averaged 74.8 million barrels per day, an increase of 2.4 per cent over 2009. Reflecting developments in the world economy and the influence of weather patterns of 2010, world shipments of petroleum products increased by 3.7 per cent in 2010, taking the total to 967.5 million tons.

Dry Cargo

1.11 The year 2010 was positive for dry cargo as total volumes bounced back and grew by 8.4 per cent to nearly 5.7 billion tons. Dry bulk cargo (major and minor bulks) amounted to about 3.3 billion tons of this total, up by a firm 11 per cent over 2009. The strong comeback is due in particular to the recovery in world steel production and the associated growth in import demand for iron ore and coking coal. The share of major dry bulks has been expanding over the past four decades, while that of oil trade has been losing its relative weight over the same period. Major dry bulks accounted for 17.4 per cent of total goods loaded in 1970, with their share rising between 25 per cent and 28 per cent between 2008 and 2010.

Coal Shipments

1.12 Within the major dry bulk commodities, coal accounted for 38.6 per cent of the total loaded in 2010. The share of iron ore stood at 42.3 per cent in 2010. Over the 1984–2010 period, coal and iron ore volumes moved in tandem, both growing at an average annual rate of over 5 per cent. This growing share of dry bulk cargo reflects in particular the fast-growing demand for raw materials such as coal and iron ore used as inputs in steel-making and industrial activity, especially in large developing regions such as China, India, and increasingly in oil-rich Western Asian countries, where important investments are poured into their infrastructure development.

1.13 In 2010, the volume of coal shipments (thermal and coking) amounted to 904 million tons, up by 14.4 per cent year on year. Thermal coal exports, where Indonesia holds a present market share of about 44 per cent, increased by 12.4 per cent in 2010 to reach 663 million tons. In 2010, Australia and Indonesia together accounted for 65.2 per cent of the world's total thermal coal shipments.

1.14 As coking coal is used in steelmaking, its trade patterns follow closely developments in the world economy as well as those in steel demand and production and the associated iron ore trade. Dominated by Australia, with a market share of 66 per cent, shipments of coking coal also increased even at a much faster rate (20 per cent) than thermal coal taking the total to 241 million tons in 2010. The main destinations of both thermal and coking coal exports are Japan and Europe, which together account for 38.4 per cent of global imports in 2010. In 2009, China became a net importer of coal for the first time and an increasing proportion of China's demand will be met by imports.

Iron Ore

1.15 Iron ore trade is correlated with growth in world steel production. A recovery in global crude steel production supported growth in global iron ore shipments which expanded by 9.0 per cent in 2010, taking the total to 982 million tons. Major iron ore exporters included Australia, Brazil, Canada, India, and South Africa. In 2010, Australia and Brazil, which together control nearly three quarters of the market, saw their export volume rise by around 11 per cent and 17.0 per cent respectively.

1.16 A new trend to observe with respect to iron ore trade is the evolution of purpose-built very large ore carriers (VLOCs). To capitalize on the important iron ore demand from China and to ensure high market share on this trade, Vale, the Brazilian mining giant ordered a giant fleet of 80 VLOCs by 2015. Of these, 36 ships will be of 400,000 deadweight tons (DWT), which is roughly twice as large as existing Capesize ships.

Dry Cargo: Minor bulks

1.17 In 2010, minor bulks trade also recovered from the 2009 dip and expanded by 11 per cent- taking the total volume of minor bulk shipments to 954 million tons.

Containerised Cargo

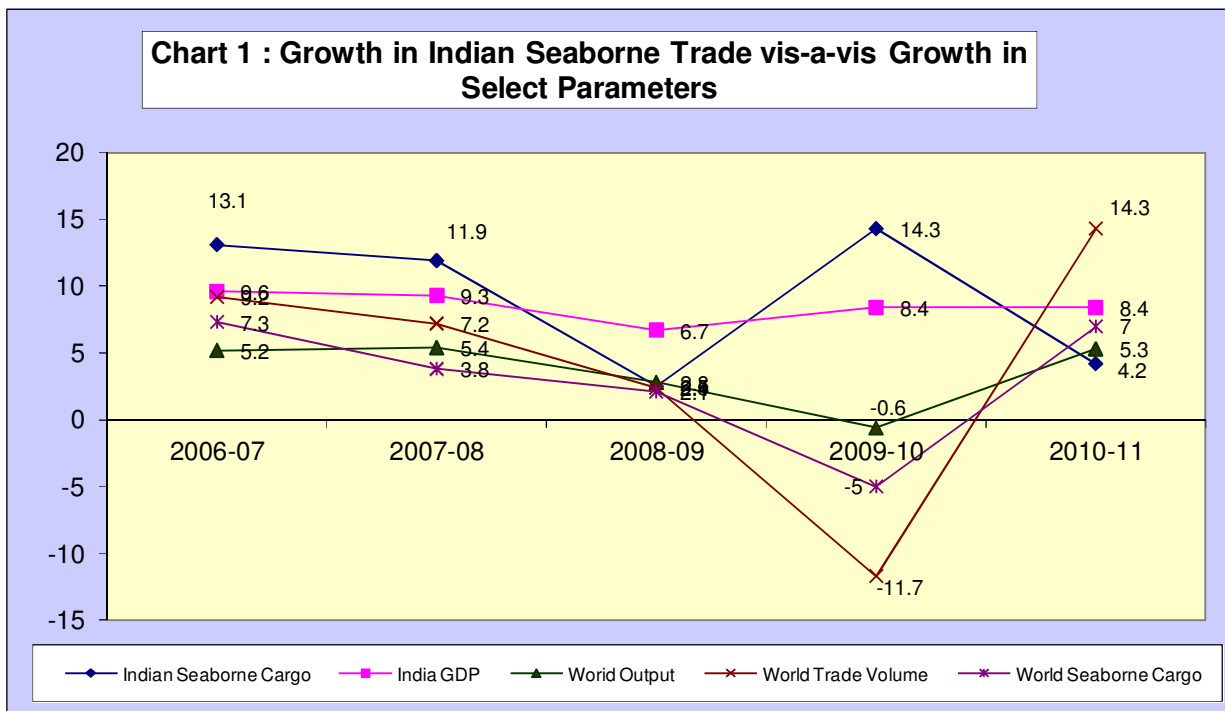
1.87 The balance of 2.4 billion tons of dry cargoes is made up of containerized (56 per cent) and general cargoes. Driven largely by the increasing international division of labour and productivity gains within the sector,

container trade, the fastest-growing cargo segment expanded at an average rate of 8.2 per cent between 1990 and 2010. In 2010, global container trade volumes bounced back at 12.9 per cent over 2009, among the strongest growth rates in the history of containerization.

1.19 According to Clarkson Research Services data, container trade volumes reached 140 million 20-foot equivalent unit (TEUs) in 2010, or over 1.3 billion tons. According to Clarkson Research Services, global container trade is projected to grow by 9.7 per cent in 2011 to reach 154 million TEUs. Growth in container trade volumes was propelled by the double-digit rates involving Asia, namely Far East– North America and Asia–Europe . Volumes on these two largest East– West trade lanes are expected to exceed 2008 levels. However, volumes on the transatlantic lane, which experienced a drop of 19 per cent in 2009, are expected to remain below the pre-downturn levels.

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 2006-07 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 (2006-07 refers to 2006 and so on) based on UNCTAD, 2011.

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 about 1%, export growth has shown vigour and vitality over the last few years. To sustain the momentum of exports and improve competitiveness the country would need adequate and efficient infrastructure in terms of ports and maritime services.

Indian Shipping Share in the Total Overseas Cargo Carried

2.3 During 2010-11, the total overseas cargo handled at Indian ports was placed at 732.29 million tonnes. The share of Indian bottoms in carrying this total cargo is summarized in Table 2A.

Table 2A : India's Overseas Cargo Carried by Indian Flag Vessels during 2009-10 & 2010-11				
(In Million Tonnes)				
Type of Cargo	2009-10		2010-11	
	Total Overseas Cargo	Share of Indian Lines	Total Overseas Cargo	Share of Indian Lines
Break Bulk	47.02	1.74(3.7)	52.34	2.27(4.34)
Container	111.55	3.98(3.57)	130.95	1.86(1.42)
Dry Bulk Cargo	283.14	12.96(4.58)	281.77	22.14(7.86)
Liquid Bulk Cargo	255.82	39.20(15.32)	267.23	31.96(11.96)
Total	697.53	57.88(8.3)	732.29	58.23(7.95)

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 less than 8% of the country's overseas cargo during 2010-11.

B. AN OVERVIEW OF PERFORMANCE OF INDIAN PORTS

3. PORT INFRASTRUCTURE

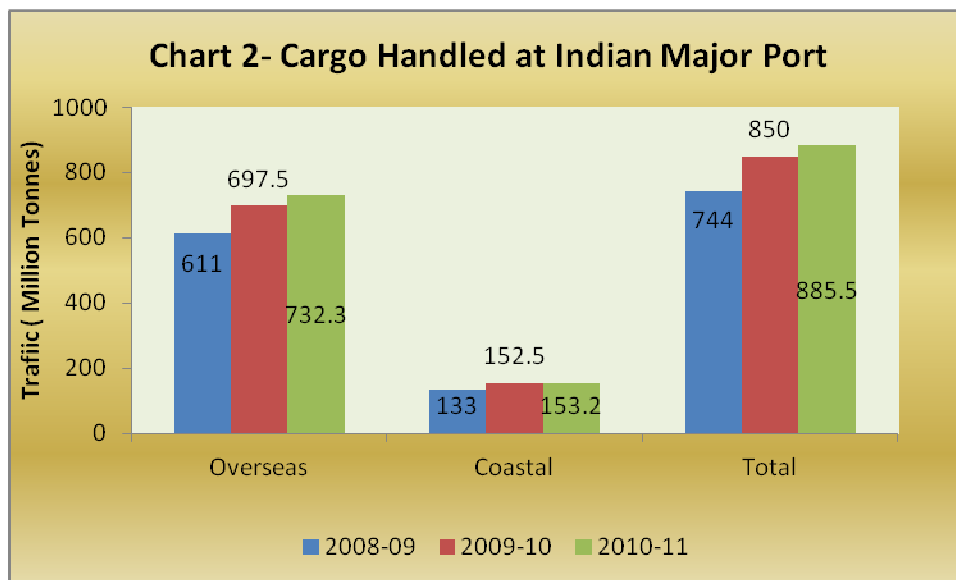
3.1 Ports are economic and service provision units of a remarkable importance since they act as a place for the interchange of two transport modes, maritime and land, whether by rail or road. Therefore, the essential aspect of ports lies in their intermodal nature. India has a coast-line of around 7517 Kms with 13 major ports and 176 notified non-major ports along the coast-line and sea-islands.

4. TOTAL TRAFFIC

4.1 The total cargo handled at Indian Ports (major and non-major) increased to 885 million tonnes in 2010-11 from 850 million tonnes in 2009-10 reflecting modest increase of 4.2% during 2010-11. India's major ports handled more than 64% 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 2006-07 to 2010-11 is given in the Table: 3

Port	2006-07			2007-08			2008-09			2009-10			2010-11		
	OT	CT	TT	OT	CT	TT	OT	CT	TT	OT	CT	TT	OT	CT	TT
Major	10.8	5.0	9.5	13.6	5.70	12.0	2.0	2.9	2.2	6.21	3.6	5.7	2.46	-2.01	1.60
Non Major	18.5	40.7	23.2	26.6	-35.1	11.6	3.5	2.1	3.3	32.7	53.1	35.5	9.70	6.19	9.14
All Ports	12.7	14.3	13.1	17.2	-7.4	11.9	2.5	2.8	2.5	14.2	14.6	14.3	4.98	0.43	4.17

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



4.2 Post liberalization decade (2000-01 to 2010-11) saw compound annual growth rate (CAGR) of 9.2% in total cargo throughput at Indian ports. During this period, the annual growth of 13.7% in Cargo handled at non-major ports was nearly double the growth in cargo traffic at major ports of 7.3%. However, in the growth in cargo handled by major and non-major port increased by 1.6% and 9.1% respectively during 2010-11.

5. SHARE OF MARITIME STATES IN TOTAL SEABORNE CARGO TRAFFIC

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

Table 4 : State-wise Cargo Traffic at Indian Ports during 2010-11 (Million Tonnes)			
Name of the State	Major Ports	Non-Major Ports	Total
1. Gujarat	81.88	230.91	312.79
2. Maharashtra	118.90	14.88	133.78
3. Goa	50.06	14.58	64.64
4. Karnataka	31.55	3.10	34.65
5. Kerala	17.87	0.12	17.99
6. Tamil Nadu	98.20	1.61	99.81
7. Andhra Pradesh	68.04	43.27	111.31
8. Orissa	56.04	0.47	56.50
9. West Bengal	47.55	-	47.55
10. Others(a)	-	6.42	6.42
TOTAL	570.09	315.36	885.45

(a) Includes Pondicherry, Andaman & Nicobar Islands and Lakshadweep

5.2 Amongst the States, Gujarat has emerged as the premier maritime State in terms of port traffic and accounted for more than 35% of the total cargo handled at Indian ports. It is also noteworthy that more than 73% 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 15.1%, 12.6% and 11.3% 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 (12.2)
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 (6.67)	744.02 (2.5)
2009-10	312.58 (14.91)	149.71 (16.48)	14.69 (0.20)	113.06 (14.91)	27.23 (1.42)	232.76 (14.34)	850.03 (14.25)
2010-11	325.26 (4.06)	131.64 (-12.07)	13.08 (-10.96)	133.61 (18.18)	38.97 (43.11)	242.88 (4.35)	885.44 (4.17)

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 36.7% of the total seaborne traffic followed by Coal (15.1%), Iron Ore (14.9%) and Fertiliser & Fertiliser Raw Material (4.4%) in 2010-11. General cargo comprising of container cargo and break bulk constituted 27.4% of the cargo.

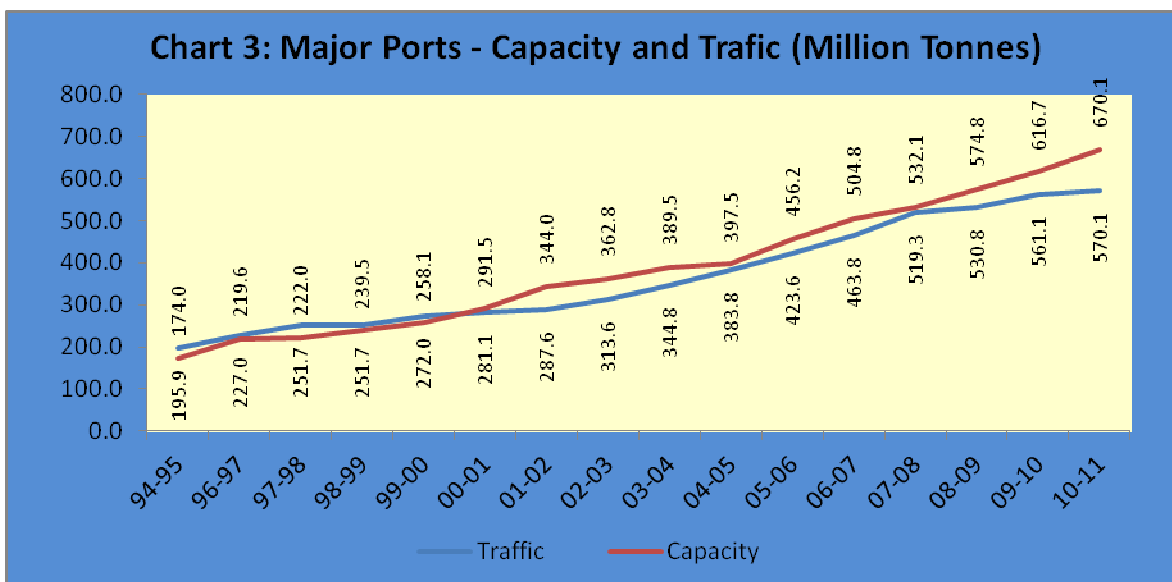
C . PERFORMANCE OF MAJOR PORTS

6. CARGO TRAFFIC HANDLED

6.1 The twelve major ports in India handled more than 64% of the maritime cargo traffic of the country in 2010-11. Traffic handled at the major ports has been increasing over the years in tandem with the economic activity and volume of trade turnover. The total traffic handled by the major ports has recorded nearly three fold increase from 195.9 million tonnes in 1993-94 to 570.09 million tonnes in 2010-11 (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 670.13 million tonnes at the end of 2010-11.

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%, 97.6%, 92.3%, 91.9% and 85.1 in 2000-01, 2001-02, 2002-03, 2003-04, 2004-05, 2005-06, 2006-07, 2007-08, 2008-09, 2009-10 and 2010-11 respectively at major ports.



6.4 The overseas and coastal cargo handled during 2010-11 by major ports was of the order of 465.17 million tonnes and 104.92 million tonnes respectively. The growth in overseas cargo traffic was 2.5% in 2010-11 compared with an increase of 6.2% in 2009-10. Coastal cargo traffic growth was -2.0% in 2010-11 compared to 3.6% in 2009-10.

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 2010-11 is given in Table 6. Amongst the major ports, Kandla Port accounted for the highest share of 14.4% in the total cargo traffic at all major ports during 2010-11 followed by Vishakhapatnam, J. L. Nehru, Chennai, Paradip and Mumbai Port. The cargo traffic at Mormugao Port was overwhelmingly outward oriented with overseas cargo accounting for a share of 97.6 % in the total cargo handled at the port.

Port	2009-10			2010-11		
	Overseas	Coastal	Total	Overseas	Coastal	Total
Kolkata Dock system	12.03 (2.65)	1.01 (0.94)	13.04 (2.32)	11.51 (2.47)	1.03 (0.98)	12.54 (2.20)
Haldia Dock complex	27.3 (6.01)	6.08 (5.68)	33.38 (5.95)	27.88 (5.99)	7.12 (6.80)	35.00 (6.14)
Paradip	44.71 (9.85)	12.3 (11.49)	57.01 (10.16)	44.65 (9.60)	11.39 (10.86)	56.04 (9.83)
Visakhapatnam	45.04 (9.92)	20.46 (19.11)	65.5 (11.67)	44.99 (9.67)	23.05 (21.97)	68.04 (11.94)
Chennai	56.09 (12.35)	4.96 (4.63)	61.05 (10.88)	56.47 (12.14)	5.00 (4.77)	61.47 (10.78)
Ennore	2.25 (0.50)	8.45 (7.89)	10.7 (1.91)	3.10 (0.67)	7.91 (7.54)	11.01 (1.93)
Tuticorin	17.28 (3.81)	6.5 (6.07)	23.78 (4.24)	19.29 (4.15)	6.44 (6.14)	25.73 (4.51)
Cochin	11.88 (2.62)	5.55 (5.18)	17.43 (3.11)	13.15 (2.83)	4.72 (4.50)	17.87 (3.13)
New Mangalore	28.48 (6.27)	7.04 (6.58)	35.52 (6.33)	24.82 (5.34)	6.73 (6.41)	31.55 (5.53)
Mormugao	47.3 (10.42)	1.55 (1.45)	48.85 (8.71)	48.84 (10.50)	1.22 (1.16)	50.06 (8.78)
J. L. Nehru	55.15 (12.15)	5.61 (5.24)	60.76 (10.83)	58.60 (12.60)	5.71 (5.44)	64.31 (11.28)
Mumbai	37.16 (8.18)	17.38 (16.23)	54.54 (9.72)	39.33 (8.46)	15.26 (14.54)	54.59 (9.58)
Kandla	69.33 (15.27)	10.17 (9.50)	79.5 (14.17)	72.54 (15.60)	9.34 (8.90)	81.88 (14.36)
Total	454.02 (100.00)	107.07 (100.00)	561.09 (100.00)	465.17 (100.00)	104.92 (100.00)	570.09 (100.00)

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 Tuticorin Port recorded the highest year on year growth of 8.9% during 2010-11 followed by J.L.Nehru (5.9%), Visakhapatnam (3.9%), Kandla (2.9%), Ennore (2.9%), Cochin (2.5%), Mormugao (2.5%), Kolkata (2.4%), Chennai (0.7%) and Mumbai (0.1%). Other major ports recorded negative growth during 2010-11.

8. COMMODITY-WISE TRAFFIC

8.1 Commodity-wise break-up of traffic handled at the major ports in India during 2003-04 through 2010-11 is given in Table 7.

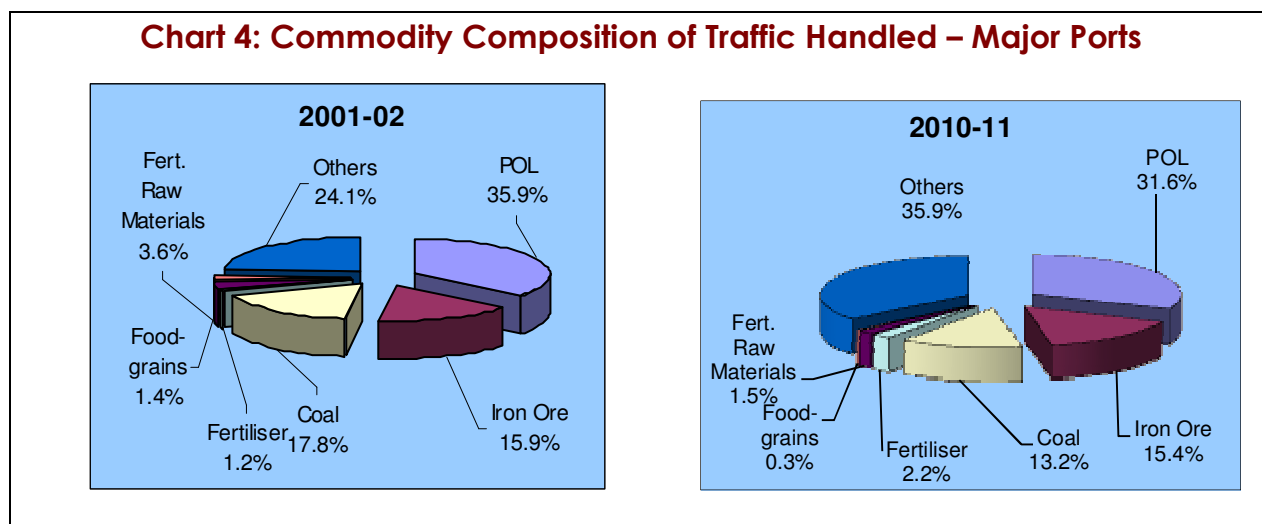
Table 7: Commodity-wise Cargo Traffic Handled at Major Ports (Million Tonnes)								
Year	POL (Crude & Products)	Fertiliser	Fertiliser Raw Material Dry	Iron Ore	Coal*	Food- grains	Others	Total
2003-04	122.16 (11.49)	2.86 (-0.90)	8.94 (-13.07)	58.85 (16.41)	54.90 (3.50)	6.84 (-19.90)	90.25 (14.71)	344.80 (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)
2010-11	179.88 (2.87)	12.37 (13.06)	8.43 (24.15)	87.69 (-13.09)	75.15 (4.69)	1.92 (60.54)	204.65 (5.15)	570.09 (1.60)

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

8.2 Highest year-on-year growth in traffic during 2010-11, among the principal commodities, is seen in the case of foodgrains (60.5%) followed by

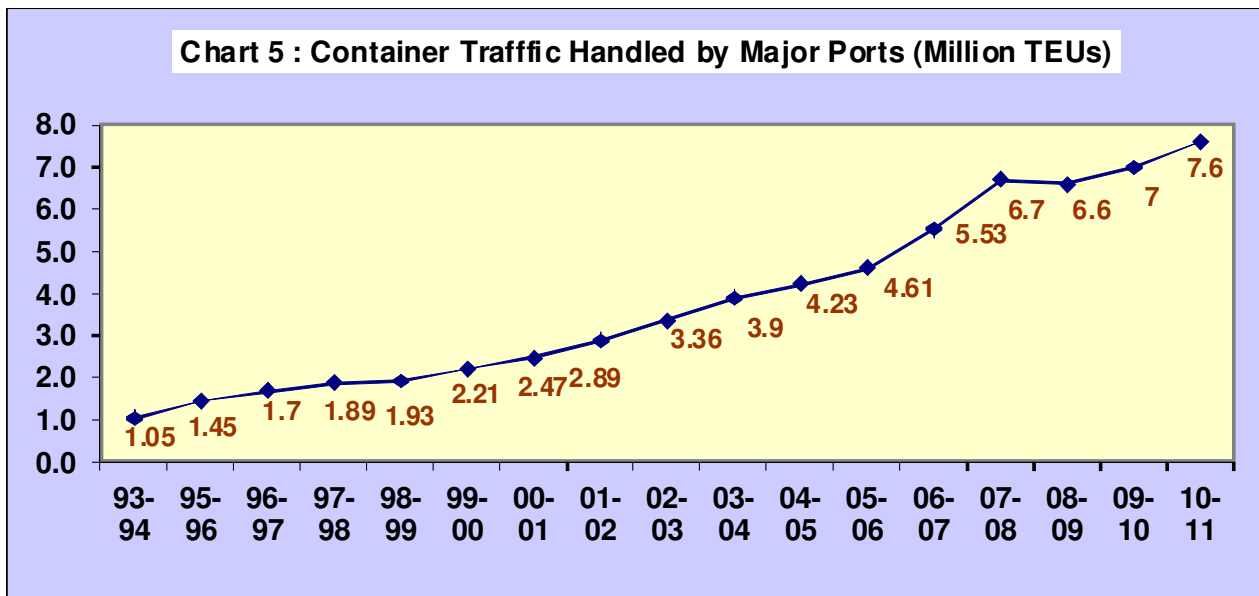
Fertilizer Raw Material (24.2%), Fertiliser (13.1%), Other Cargo (5.2%), Coal (4.7%) and POL (2.9%). Traffic growth in iron ore declined by 13.1% in 2010-11.

8.3 In respect of the traffic at Major ports, it is also observed that more than 96% of the traffic handled during 2010-11 was accounted by four commodities viz. other cargo including containers (35.9%), POL & Products (31.5%), Iron Ore (15.4%) and Coal (13.2%) .



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 7.6 million TEUs (114.16 million tonnes) in 2010-11. Over the same period non-containerised cargo grew from 166 million tonnes to 455.93 million tonnes i.e. about three fold increase.

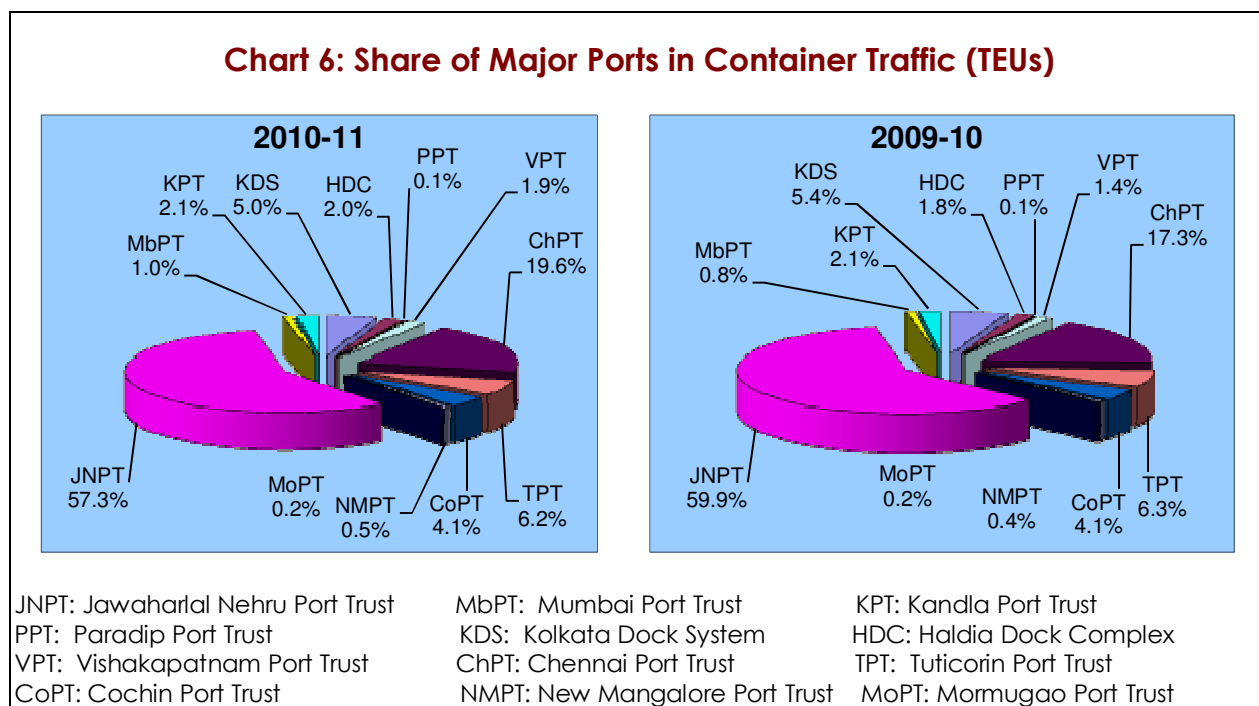


9.2 The growth in container traffic at the container handling ports of the country is given in Table 8.

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

Name of the Port	2009-10		2010-11	
	000' Tonnes	TEUs	000' Tonnes	TEUs
Kolkata Dock System	6645	378	6220	377
Haldia Dock Complex	2068	124	2835	149
Paradip	52	4	69	4
Visakhapatnam	1678	97	2572	146
Chennai	23477	1208	29421	1485
Tuticorin	6599	440	8169	468
Cochin	3929	289	4419	310
New Mangalore	475	31	568	40
Mormugao	229	17	220	18
J. L. Nehru	53096	4176	56426	4332
Mumbai	607	58	653	72
Kandla	2432	147	2586	160
ALL PORTS	101287	6969	114158	7561

9.3 The share of JNPT during 2010-11 in total container traffic at 57.2% in (TEUs) and 49.4% (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 (19.6%), Tuticorin (6.2%), Kolkata D.S.(5.0%), Cochin (4.1%), Kandla (2.1%) and Haldia D.C. (2.0%). The share of Mumbai port in container traffic has seen a decline from 38.7% in 1994-95 to less than one per cent in 2010-11 due to diversion of container traffic to JNPT. Concomitantly, the share of JNPT has surged ahead from 19.4% to 57.2 % during the same period (Chart 6).



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 670.13 million tonnes at the end of 2010-11. The port-wise capacity and traffic for 2010-11 is brought out in Table 9.

Table 9 : Major Port-wise Capacity Utilization During 2010-11 (Million Tonnes)			
Name of the Port	Capacity	Traffic	Capacity Utilisation(%)
Kolkata Dock System	16.35	12.54	76.70
Haldia Dock Complex	50.70	35.01	69.05
Paradip	76.50	56.04	73.24
Visakhapatnam	64.93	68.04	104.79
Ennore	31.00	11.00	35.52
Chennai	79.72	61.46	77.09
Tuticorin	27.04	25.73	95.16
Cochin	40.98	17.87	43.57
New Mangalore	45.57	31.55	69.23
Mormugao	41.90	50.06	119.38
J. L. Nehru	64.00	64.32	100.50
Mumbai	44.53	54.59	122.59
Kandla	86.91	81.88	94.21
ALL PORTS	670.13	570.09	85.06

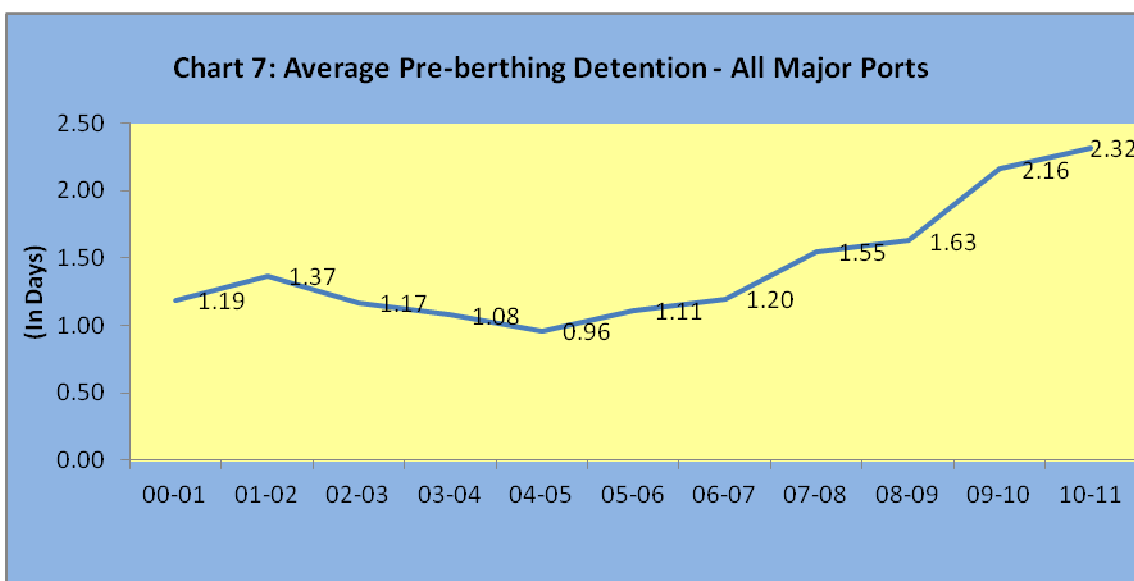
EFFICIENCY INDICATORS OF MAJOR PORT OPERATIONS

Average Pre-berthing Detention

10.2 The position in respect of average pre-berthing detention at all major ports during 1994-95 to 2010-11 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 2010-11, the average PBD of vessels increased to 2.32 days compared to 2.16 days in 2009-10. During 2010-11, ports at New Mangalore, Paradip Haldia D.C. and Kolkata D.S. experienced drop in pre-berthing detention of vessels.

Table 10 : Average Pre-berthing Detention at Major Ports during 2009-10 & 2010-11			
Name of the Port	Average Pre-Berthing Detention (in Days)		
	2009-10	2010-2011	% change
Kolkata Dock System	1.31	1.23	-6.11
Haldia Dock Complex	4.39	3.73	-15.03
Paradip	6.30	5.04	-20.00
Visakhapatnam	1.90	2.81	47.89
Ennore	0.37	0.65	75.68
Chennai	1.35	1.61	19.26
Tuticorin	1.36	1.29	-5.15
Cochin	0.85	1.03	21.18
New Mangalore	0.81	0.59	-27.16
Mormugao	3.46	4.07	17.63
J. L. Nehru	0.98	1.51	56.12
Mumbai	1.06	1.23	16.04
Kandla	2.60	3.32	27.69
All Ports (Average)	2.16	2.32	7.41

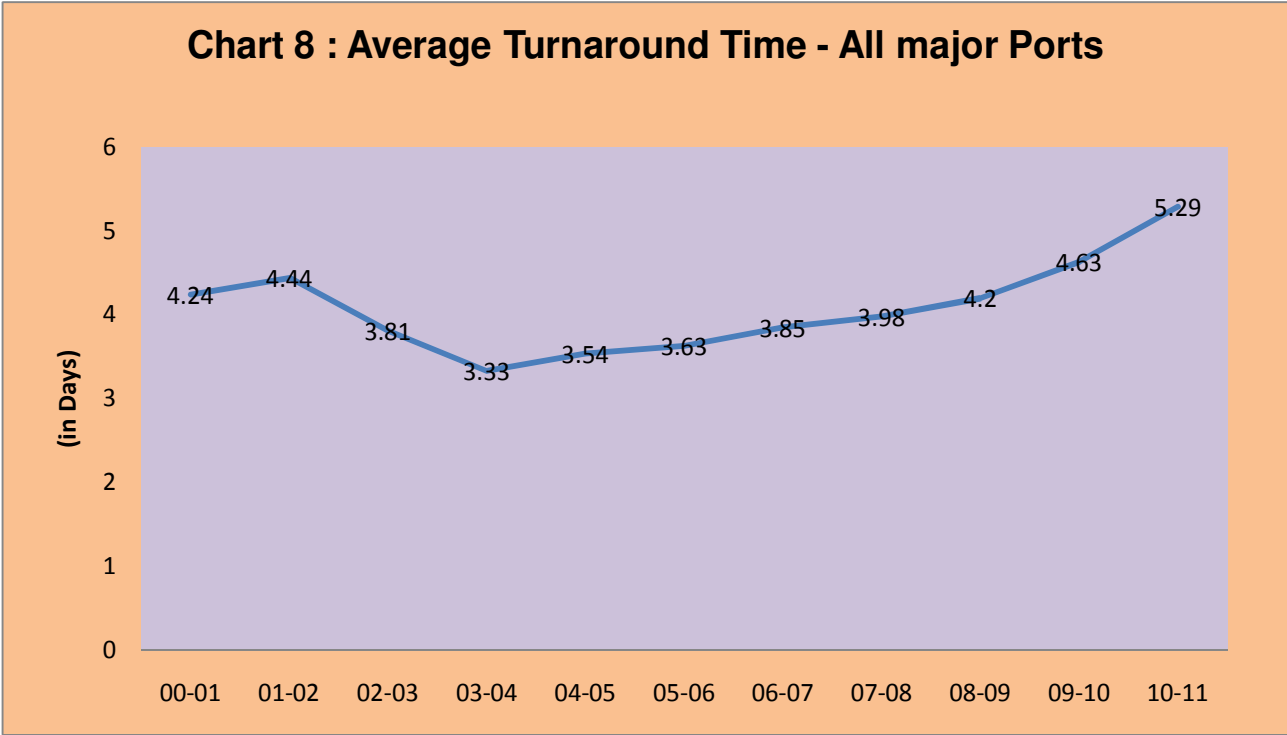
10.3 Average PBD depends on variety of factors attributable to port account and non-port account. The increase in PBD in 2010-11 to 2.32 days as compared to 2.16 days in 2009-10 was due to a combination of port and non port factors. The PBD on non- port account increased from 1.67 day in 2009-10 to 1.82 days in 2010-11 where as on port account it increased by 0.01 day.



10.4 Data on PBD for the different type of vessels indicate that in 2010-11, the average PBD was the least (0.8 day) in the case of container vessels followed by Break bulk (2.3 days), liquid bulk vessels (2.4 days), dry bulk (mechanical) (3.5 days) and dry bulk (conventional) (4.1 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, 3.3 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, 4.63 days in 2009-10 and 5.3 days in 2010-11(Chart 8).



10.6 The average TRT in respect of Paradip, New Mangalore, Haldia D.C. and Kolkata D.S. had shown improvement in 2010-11 whereas in all other cases it has edged up as seen in Table 11.

Table 11 : Average Turn Round Time of Ships at Major Ports during 2009-2010 & 2010-11			
Name of the Port	Average Turn Round Time (in Days)		
	2009-10	2010-11	% change
Kolkata Dock System	6.80	6.21	-8.68
Haldia Dock Complex	5.01	4.45	-9.58
Paradip	9.04	7.73	-14.49
Visakhapatnam	4.78	5.84	22.18
Ennore	2.11	2.78	31.75
Chennai	4.04	4.36	7.92
Tuticorin	3.9	4.00	2.56
Cochin	2.08	2.20	5.77
New Mangalore	3.06	2.70	-11.76
Mormugao	8.91	10.43	17.06
J. L. Nehru	2.01	2.64	31.34
Mumbai	4.61	4.96	7.59
Kandla	5.03	5.90	17.30
ALL PORTS (Average)	4.63	5.29	14.2

10.7 At Port level, ports other than Kandla, Mormugao, Visakhapatnam, Paradip, and Kolkata Dock System recorded average TRT less than the average for all major ports at 4.63 days. The minimum was at Cochin (2.2 days) to a maximum (9.04 days) at Paradip .

10.8 Data on TRT for different types of vessels (Table:12) indicate that in 2010-11, the average TRT was least in case of Container vessels (2.41 days) followed by Liquid bulk (3.83 days), Dry bulk (Mech.) (7.18 days), Break bulk (7.72 days) and Dry bulk (Conv.) (8.96 days). During 2010-11 average Parcel Size has increased for Dry Bulk (Mech), Liquid Bulk, Break Bulk and Container vessels whereas the average TRT has increased for all types of vessels.

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	2009-10		2010-2011	
	Average Parcel Size (Tonnes)	Average TRT (Days)	Average Parcel Size (Tonnes)	Average TRT (Days)
Dry Bulk (Mech.)	48544	5.43	49297	7.18
Dry Bulk (Conv.)	31010	8.39	30826	8.96
Liquid Bulk	25645	3.21	26092	3.83
Break Bulk	6032	6.70	7613	7.72
Container	16717	1.88	20281	2.41
All Types	23906	4.63	24889	5.29

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 9140 tonnes in 2010-11. The average output per ship berthday for 2009-10 and 2010-11 in respect of major ports is given in Table 13.

Name of the Port	Average Output Per Ship berthday (in Tonnes)		
	2009-10	2010-11	% change
Kolkata Dock System	1917	2253	17.53
Haldia Dock Complex	6243	6563	5.13
Paradip	13853	14243	2.82
Visakhapatnam	10484	10334	-1.43
Ennore	21665	17699	-18.31
Chennai	11428	10984	-3.89
Tuticorin	6934	7035	1.46
Cochin	11089	11752	5.98
New Mangalore	13896	14211	2.27
Mormugao	5002	4409	-11.86
J. L. Nehru	21563	20393	-5.43
Mumbai	6122	6042	-1.31
Kandla	13549	14137	4.34
ALL PORTS (Average)	9215	9140	-0.81

10.11 As compared to 2009-10, the decrease in the average output per ship berthday (all major ports) in 2010-11 was of the order of 0.81%. Port at

Kolkata(KDS & HDC), Paradip, Tuticorin, Cochin, New Mangalore and Kandla showed improvement in Output per ship berthday in 2010-11. An important determinant of out-put per ship-berth-day is the composition of traffic at the Port. The highest average output per ship berthday during 2010-11 was in the case of JLN Port, which is mainly a container port followed by Ennore Port. 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 2010-11 at major ports reflects decrease over the previous year for Dry Bulk (Mech.) & liquid Bulk and improvement in Break Bulk and Container as revealed in Table 14.

Table 14 : Average Out Put Per Ship Berthday by Vessel Type			
Type of Vessel	Average Out Put Per Ship Berthday (Tonnes)		
	2009-10	2010-11	%change
Dry Bulk (Mech.)	17044	13114	-23.06
Dry Bulk (Conv.)	5985	6773	13.17
Liquid Bulk	16445	16073	-2.26
Break Bulk	1724	1922	11.48
Container	16272	17583	8.06
All Types	9215	9140	-0.81

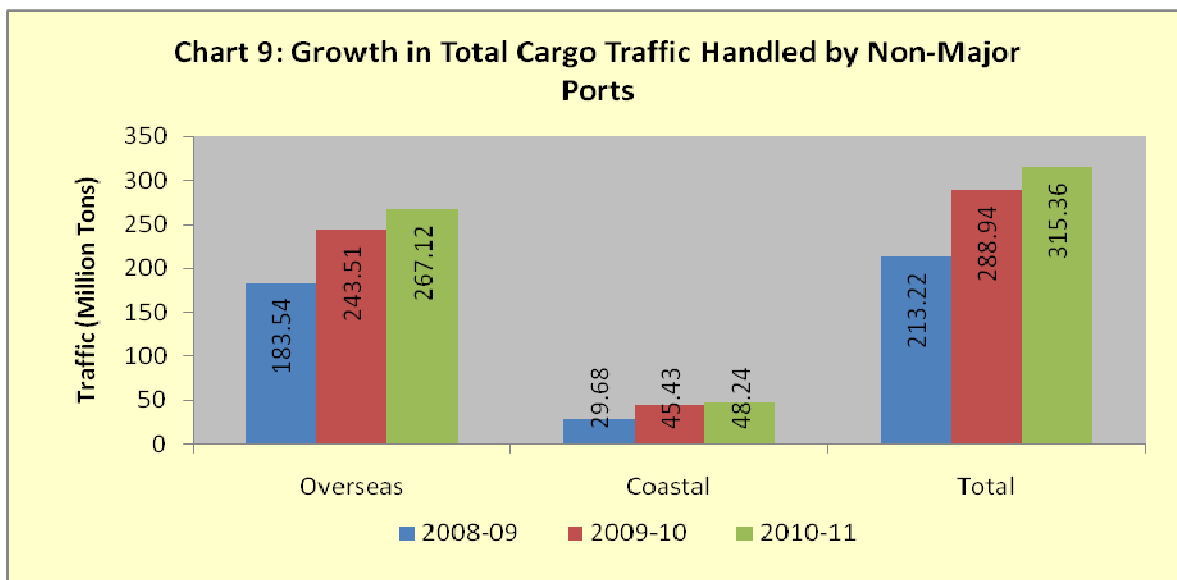
D.PERFORMANCE OF NON-MAJOR PORTS

11. CARGO TRAFFIC HANDLED

11.1 There are 176 non-major ports situated along the peninsular coast-line and sea-islands. These ports are located in Gujarat (41), Maharashtra (48), Goa (5), Daman & Diu (2), Karnataka (10), Kerala (17), Lakshdweep (10), Tamilnadu (15), Puducherry (2), Andhra Pradesh (12), Orissa (13), West Bengal (1). Port Blair was declared as Indian 13th Major Ports. w.e.f. 1.6. 2010. Port Blair Port Trust will have territorial jurisdiction over all 23 ports in Andaman & Nicobar Island. However, for the purpose of Statistic, the ports are still being included under Non- Major Ports (23). Out of these 199 Non-major ports, only some ports are well developed and provide all-weather berthing facilities for cargo handling. In 2010-11, only Non-major 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 overlooked. Recognizing the importance of non-major ports, maritime states have launched initiatives for their development, through the participation of private sector. This has led to significant growth in the cargo traffic handled by the non-major ports in the past few years.

11.3 Non-major ports in India collectively handled 315.36 million tonnes of traffic during the year 2010-11 as compared to 288.94 million tonnes of cargo handled in 2009-10 (Chart-9). The year-on-year growth in traffic in 2010-11 was 9.1% as compared to 35.5% in 2009-10. At a disaggregated level, the overseas cargo traffic increased by 9.7 % in 2010-11 compared to an increase of 32.7% recorded in 2009-10. Coastal cargo traffic increased by 6.2% in 2010-11 compared to an increase of 35.5 % in 2009-10.



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
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)
2010-11	145.38 (46.10)	38.27 (12.14)	12.33 (3.91)	58.46 (18.54)	12.72 (4.03)	48.20 (15.28)	315.36 (100)

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

11.5 POL & its products (46.1%) was the single largest commodity handled at non major ports in 2010-11 and its share has ranged between 44 to 48% (in 2006-07 to 2009-10) to 50.6 % (in 2003-04). It is observed that during last three years, the relative shares of commodities in the cargo basket have not shown any pronounced shift. During 2010-11 the share of Coal in the total traffic was 18.54% followed by Iron ore (12.14%) and Fertiliser & FRM(4.03%).

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:

Table 16 : Traffic Handled by Non-Major Ports – Maritime State-wise								
Year	Traffic Handled (Million Tonnes)							
	Gujarat	Mahara-shtra	AP	Goa	Tamil Nadu	Karnataka	Others	Total
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)
2010-11	230.91 (12.32)	14.88 (23.49)	43.27 (-0.96)	14.58 (4.89)	1.61 (37.61)	3.10 (-63.74)	7.01 (75.25)	315.36 (9.14)

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

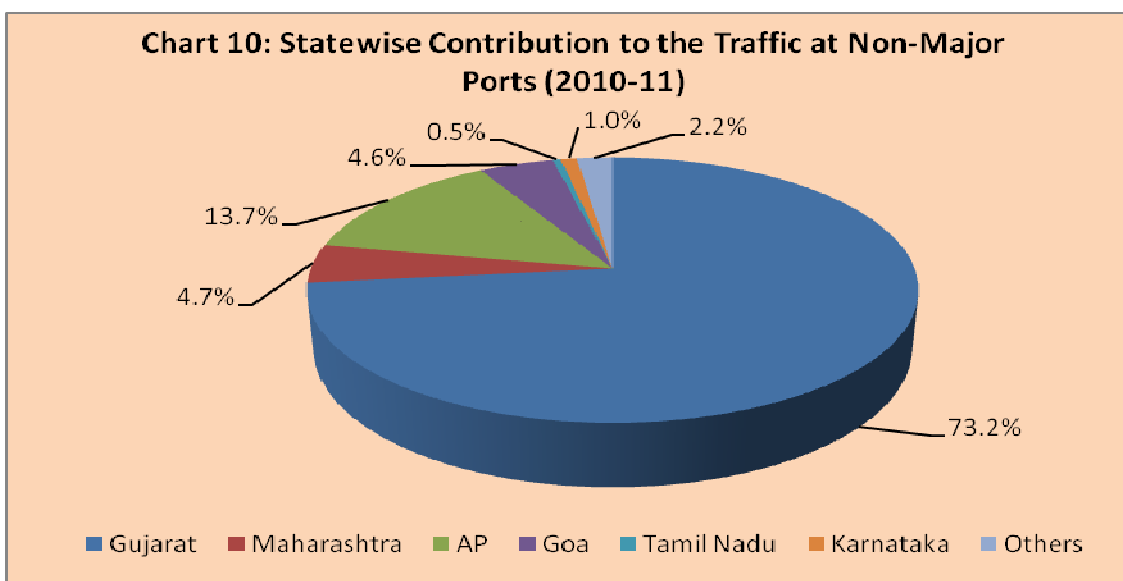
The overall increase of 9.14% in cargo handled at non-major ports during 2010-11 was mainly driven by traffic growth in Gujarat and Maharashtra. However, the non major ports in Karnataka and Andhra Pradesh have witnessed negative growth of 63.7% and 1% only. The share of traffic handled by non-major ports in the maritime states is given in Table 17.

Table 17 : Share of Traffic Handled by Non-Major Ports to total traffic at non major ports – Maritime State-wise

Year	Traffic Handled (In Percentage)							
	Gujarat	Maharashtra	AP	Goa	Tamil Nadu	Karnataka	Others	Total
2003-04	73.5	8.7	8.4	7.1	0.6	1.0	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
2010-11	73.2	4.7	13.7	4.6	0.5	1.0	2.2	100.0

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

11.7 Gujarat continues to be the leading maritime State, accounting for more than 73% of the total non-major port cargo traffic in 2010-11. The other contributing States to the cargo traffic at non-major ports during 2010-11 were: Andhra Pradesh (13.7%), Maharashtra (4.7%) and Goa (4.6%). The remaining 3.8% of the cargo was handled by all the other maritime States/UTs. This is brought out in the Chart 10 below:



12. CARGO TRAFFIC HANDLED – STATE-WISE ANALYSIS

12.1 GUJARAT

12.1.1 Gujarat is a principal 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 through 17 non-major ports. The remaining 23 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 2010-11 was of the order of 230.91 million tonnes as against 205.58 million tonnes in 2009-10, reflecting an increase of 12.3%. Non-major ports of Gujarat account for more than 73% of the total cargo handled by non-major ports in India. Overseas traffic in 2010-11 was 196.51 million tonnes with the remaining 34.40 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	Magdalla	Jafarabad	Bedi	Mul-Dwarka	GAPL	Dahej	Pipavav (Inc. GPPL)	Others	Total
2003-04	49.82	10.83	4.52	2.90	3.78	4.59	3.85	1.94	5.10	87.33
2004-05	51.51	11.64	4.60	3.24	3.93	6.04	6.52	2.07	6.59	96.14
2005-06	52.18	13.32	4.36	4.44	3.85	8.16	8.84	2.01	6.37	103.53
2006-07	60.25	14.27	5.50	4.16	4.08	19.72	10.09	3.66	9.54	131.27
2007-08	61.88	14.17	8.69	5.30	3.79	19.85	11.44	1.65	23.75	150.52
2008-09	65.28	14.05	4.81	2.60	3.43	35.62	11.00	3.71	12.31	152.81
2009-10	107.19	16.29	5.45	2.04	3.17	39.60	12.53	6.85	12.46	205.58
2010-11	115.41	18.52	4.46	2.12	3.85	51.91	14.31	7.82	12.51	230.91

12.1.4 Sikka Port handled the highest cargo tonnage of 115.41 million tonnes in 2010-11 up from 107.19 million tonnes handled in 2009-10. This port accounted for 50% of the total cargo handled by the non-major ports in Gujarat in 2010-11, 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 51.91 million tonnes or 22.4% of the cargo in 2010-11. Main commodities handled by GAPL port are POL & its products, Coal and Fertiliser & FRM.

12.1.6 Magdalla accounted for 18.52 million tonnes or 8.0% of the cargo traffic in 2010-11. Major commodities handled by the port are Iron ore, POL & its product, and Building Material.

12.1.7 Dahej Port handled 14.31 million tonnes of cargo in 2010-11 with a share of 6.2% in total traffic. The other important ports which showed increase in the cargo handled during 2010-11 were Pipavav, Bedi and Mul-Dwarka. Jafrabadhad has shown decrease in cargo traffic in 2010-11.

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	
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
2010-11	140.87	29.73	8.80	6.09	7.16	38.26	230.91

POL & products accounted for 61.0% of the total cargo handled in 2010-11. This is followed by Coal (12.9%), Building Material (3.8%), and Iron Ore (3.1%).

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 13.7% in the total traffic handled by all non-major ports in the country during 2010-11.

12.2.2 Non-major ports in Andhra Pradesh collectively handled 43.27 million tonnes of cargo during 2010-11 compared with 43.69 million tonnes in 2009-10 thus registering a decrease of 1% in traffic. The overseas traffic during 2010-11 was 40.19 million tonnes (92.9% of the total cargo traffic in non major ports of Andhra Pradesh) and coastal traffic was of the order of 3.08 million tonnes. The Table 20 gives the port wise details of the cargo handled at non-major ports in Andhra Pradesh during 2010-11 as well for the previous years.

Year	Traffic Handled (Million Tonnes) – Port Wise					
	Rawa	Kakinada Anchorage	Kakinada Deep Water Port	Gangavaram	Krishnapatnam	Total
2003-04	3.14	1.32	5.56	-	-	10.02
2004-05	2.84	1.76	10.47	-	-	15.07
2005-06	2.66	2.83	12.18	-	-	17.67
2006-07*	2.65	3.78	12.18	-	-	18.61
2007-08	2.63	4.02	12.64	-	-	19.29
2008-09	2.18	2.19	14.51	2.63	8.21	29.72
2009-10	1.85	0.82	11.94	12.95	16.13	43.69
2010-11	1.56	1.15	10.81	13.84	15.91	43.27
* Includes others (0.34 million tones)						

12.2.3 Commodity-wise analysis of the total cargo handled by the non-major ports in Andhra Pradesh indicates Coal (45.3%), Iron ore (20.7%), Fertiliser & FRM (13.4%) and POL & its products (6.4%) were the four principal item of cargo handled (Table 21).

Year	POL & Products	Iron ore	Fertilizer & FRM	Coal	Others	Total
2003-04	6.49	0.04	1.12	0.02	2.35	10.02
2004-05	9.96	0.96	1.30	-	2.85	15.07
2005-06	8.51	3.88	1.84	0.14	3.30	17.67
2006-07	8.49	3.88	1.95	0.14	4.15	18.61
2007-08	9.21	3.59	1.98	0.05	4.46	19.29
2008-09	9.44	9.47	3.23	3.52	4.06	29.72
2009-10	3.67	15.26	4.17	15.24	5.35	43.69
2010-11	2.79	8.96	5.80	19.62	6.10	43.27

As seen from above Table 21, traffic in the Fertiliser & FRM has mainly shown an increasing trend over the consecutive years, However due to ban on mining iron ore in Karnataka, this trend has reversed for Iron ore in 2010-11.

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 11 ports handle cargo traffic during 2010-11.

12.3.2 The total cargo traffic handled at the non-major ports of Maharashtra during 2010-11 was 14.88 million tonnes compared with 12.05 million tonnes in 2009-10. This represents an increase of 23.5%. Overseas traffic at 7.14 million tonnes in 2010-11 has shown an increase of 27.1% from 5.62 million tonnes in 2009-10 whereas coastal traffic at 7.73 million tonnes in 2010-11 grew by 20.3% from 6.43 million tonnes in 2009-10. 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 7.08 million tonnes accounting for 47.6% of total traffic at non major ports handled in the State. The other important non-major ports of Maharashtra are Revdanda, Ulwa-Belapur, and Ratnagiri.

Year	Traffic Handled (Million Tonnes)					
	Dharamtar	Revdanda	Ulwa-Belapur	Ratnagiri	Others	Total
2003-04	6.66	1.24	0.93	0.52	0.98	10.33
2004-05	7.73	1.27	1.01	0.62	1.51	12.14
2005-06	6.27	0.96	1.20	0.65	2.08	11.16
2006-07	6.80	1.02	1.28	0.66	1.82	11.58
2007-08	6.32	1.15	1.41	0.72	1.76	11.36
2008-09	5.09	1.03	1.56	0.73	2.01	10.42
2009-10	6.84	1.24	1.52	0.70	1.75	12.05
2010-11	7.08	1.67	1.62	0.96	3.55	14.88

12.3.3 Commodity-wise break-up of the cargo handled by the non-major ports of Maharashtra indicates that Iron ore traffic of 5.12 million tonnes constituted 34.4% of the total cargo handled in 2010-11 followed by Coal (33.6%), and Building material (15.3%) (Table 23)

Year	Traffic Handled (Million Tonnes)					
	Iron Ore	Building Material	POL & Products	Coal	Others	Total
2003-04	4.57	1.33	0.19	2.91	1.33	10.33
2004-05	5.47	1.29	0.32	3.59	1.47	12.14
2005-06	4.95	1.49	0.23	2.55	1.94	11.16
2006-07	4.58	1.77	0.58	2.29	2.36	11.58
2007-08	3.74	2.25	0.40	2.00	2.97	11.36
2008-09	4.27	2.35	-	1.46	2.34	14.88
2009-10	5.06	2.20	-	2.88	1.91	12.05
2010-11	5.12	2.28	-	5.00	2.48	14.88

As seen from the above table, all commodities have shown increase in traffic in 2010-11 as compared to 2009-10.

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 14.58 million tonnes during 2010-11 compared with 13.9 million tonnes handled in the previous year, reflecting an increase of 4.9%. The commodity composition of traffic is brought out in Table 24.

Year	Traffic Handled (Million Tonnes)				
	Iron Ore	Coal	Iron & Steel	Others	Total
2003-04	8.01	0.42	0.01	Neg.	8.44
2004-05	8.19	Neg.	Neg.	0.01	8.20
2005-06	11.43	0.33	Neg.	-	11.76
2006-07	14.03	0.28	-	-	14.31
2007-08	12.74	0.09	-	-	12.83
2008-09	11.90	-	-	-	11.90
2009-10	13.68	0.22	-	-	13.90
2010-11	14.58	-	-	-	14.58

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 4 ports normally handle cargo traffic.

12.5.2 During 2010-11 non- major ports in the State has handled 3.10 million tonnes of cargo traffic as compared to 8.55 million tonnes in 2009-10 reflecting decrease of 63.7% over the previous year. The port-wise traffic in Karnataka is given in Table 25.

Year	Traffic Handled (Million Tonnes)					Total
	Karwar	Old Mangalore	Malpe	Belekri	Others	
2003-04	0.95	0.11	0.01	0.10	-	1.17
2004-05	2.61	0.08	0.01	0.81	-	3.51
2005-06	2.47	0.08	0.02	1.55	-	4.12
2006-07	2.38	0.09	0.01	4.08	-	6.56
2007-08	2.72	0.08	0.01	6.09	-	8.90
2008-09	2.96	0.09	0.01	1.91	-	4.97
2009-10	2.20	0.08	-	6.27	-	8.55
2010-11	1.13	0.14	-	1.83	-	3.10

Belekri is the leading port of Karnataka which handled 1.83 million tonnes of cargo during 2010-11. The contribution of the Belekri to the total cargo handled by the non-major ports of Karnataka was about 59% in 2010-11. Karwar is the second leading port of Karnataka which handled 1.13 million tonnes of cargo during 2010-11 and its contribution in the total cargo handled by the non- major ports of Karnataka was about 36.4% in 2010-11.

12.5.3 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 74.8% in the non-major port traffic of Karnataka followed by Granite (11.6%).

Table 26 : Commodity-wise Traffic Handled at Non-Major Ports - Karnataka								
Year	Traffic Handled (Million Tonnes)							
	POL & Products	Granite	Fertiliser & FRM	Salt	Edible Oil	Iron Ore	Others	Total
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
2010-11	0.03	0.36	0.02	0.03	0.03	2.32	0.31	3.10

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 2010-11 the non-major ports in Tamil Nadu collectively handled 1.61 million tonnes of cargo traffic as compared to 1.17 million tonnes in the previous year. The port-wise traffic is brought out in the Table 27.

Table 27 : Traffic Achieved at Select Non-Major Ports-Tamil Nadu						
Year	Traffic Handled (Million Tonnes)					
	Ennore	PY-3	Nagapattinam	Tirukkadai-Yur	Cuddalore	Total
2003-04	0.05	0.18	0.31	0.15	-	0.69
2004-05	0.05	0.29	0.42	0.09	-	0.85
2005-06	0.06	0.26	0.34	0.05	-	0.71
2006-07	0.07	0.26	0.31	0.15	0.02	0.81
2007-08	0.05	0.16	0.33	0.27	0.08	0.89
2008-09	0.02	0.12	0.39	0.36	0.01	0.90
2009-10*	0.04	0.07	0.60	0.33	0.12	1.17
2010-11*	0.06	0.15	0.86	0.33	0.21	1.61

Includes others (0.01) million tones

Nagapattinam port handled the maximum traffic of 0.86 million tonnes during 2010-11 accounting for more than 53.4% of the total traffic handled by all the non major ports in the State.

12.6.3 The commodity-wise breakup of traffic handled at non-major ports in Tamil Nadu indicates that POL & products constitute the major item of cargo handled (93.2%) followed by Fertiliser & FRM (3.7%) and Edible oil (2.5%) (Table 28).

Table 28 : Commodity-wise Traffic Handled at Non-Major Ports-Tamil Nadu					
Year	Traffic Handled (Million Tonnes)				
	POL & Products	Fertiliser & FRM	Edible Oil	Others	Total
2003-04	0.61	0.05	0.03	-	0.69
2004-05	0.75	0.05	0.02	0.03	0.85
2005-06	0.59	0.06	0.02	0.04	0.71
2006-07	0.67	0.07	0.03	0.04	0.81
2007-08	0.71	0.09	0.03	0.06	0.89
2008-09	0.80	0.02	0.05	0.03	0.90
2009-10	1.04	0.05	0.05	0.03	1.17
2010-11	1.50	0.06	0.04	0.01	1.61

SECTION – II

1. VITAL PORT STATISTICS

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

(As on 31.3.2011)

State / U.T.	Number of Major Ports	Number of Non-Major Ports(a)	Total Number of Ports
1	2	3	4
<u>WEST COAST</u>			
Gujarat	1	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
<u>EAST COAST</u>			
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
TOTAL	12	199	211

Note : (a)This includes working, non working and captive Ports.
For details see Table 1.2.

Source : M/O Shipping

Table 1.2 List of Non-Major Ports

(As on 31.3.2011)

GUJARAT	15 Trombay	KARNATAKA	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	ORISSA
9 Bhavnagar	24 Nandgaon	9 Karwar	1 Gopalpur
10 Bharuch	25 Murud- Junijira	10 Padubidri	2 Bahabalpur
11 Magdalla	26 Rajpuri / Dighi		3 Bahadamuham
12 Koteswar	27 Mandad	LAKSHADWEEP	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	ANDAMAN & NICOBAR	DAMAN & DIU
24 Rajpara	39 Jaitapur	ANDAMAN & NICOBAR	1 Daman
25 Pipavav / GPPL	40 Vijaydurg	1 Port Blair	2 Diu
26 Mahuva	41 Deogad	2 Mus	
27 Talaja	42 Achara	3 Car Nicobar	KERALA
28 Ghogha	43 Malvan	4 Havelock	1 Koavalam /Vizhinjam
29 Khambhat	44 Niwiti	5 Mayabunder	2 Valiathura
30 Dahej	45 Vengurla	6 Diglipur	3 Neendakara
31 Bhagwa	46 Redi	7 Rangat	4 Kollam
32 Onjal	47 Kiranpani	8 Hut Bay	5 Alappuzha
33 Vansi-Borsi	48 Ratnagiri	9 Katchal	6 Kodungallore - Munumbum
34 Billimora		10 Campbell Bay	7 Ponnani
35 Valsad	ANDHRA PRADESH	11 Neil Havelock	8 Thalassery
36 Umarsadi	1 Bhavanapadu	12 Dugong Creek	9 Kannur
37 Kolak	2 Calingapatnam	13 Nancowry	10 Kasaragode
38 Maroli	3 Bheemunipatnam	14 Chowra	11 Cheruvathur / Neeleswaram
39 Umergaon	4 Kakinada	15 Teresa	12 Manieswaram
40 Mul-Dwarka	(i) Anchorage	16 Kondul	13 Azhikkal
41 Hazira	(ii) Kakinada Deep Water	17 Pillow Millow	14 Kozhikode/Beyppore
	5 Narsapur	18 East Island	15 Kayamkulam
MAHARASHTRA	6 Machilipatnam	19 Cinque Island	16 Kottayam
1 Dahanu	7 Vadarevu	20 Jolly Bouy Island	17 Vadakara
2 Tarapur	8 Nizampatnam	21 Tillonchong	
3 Nawapur	9 Krishnapatnam	22 Castle Bay	PUDUCHERRY
4 Satpati	10 Gangavaram	23 South Bay	1 Pondicherry
5 Kelwa-Mahim	11 Mutyalammalem		2 Karaikal
6 Arnala (Incl Datiware)	12 Rawa	TAMIL NADU	
7 Uttan		1 Cuddalore	WEST BENGAL
8 Bassein	GOA	2 Nagapattinam	1 Kulpi
9 Bhiwandi	1 Panaji	3 Rameswaram	
10 Manori	2 Chapora	4 Pamban	
11 Kalyan	3 Betul	5 Colachel	
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 31.3.2011)

Port	Location		Entrance Channel			Turning Circle		Type of Dock / Port
	Latitude	Longitude	Distance of anchor from Harbour entrance(In Km)	Minimum Depth (In Mtrs.)	Minimum Width (In Mtrs.)	No.	Diameter (In Mtrs.)	
1	2	3	4	5	6	7	8	9
Kandla	23° 01' N	70° 13' E	25.0	4.6	200	-	-	Tidal Creek Port
Vadinar (OOT)	-	-	8.0	23.5	1500	-	-	Single Buoy Mooring (Off -Shore oil terminal)
Mumbai	18° 54' N	72° 49' E	9.6	10.9	366	1	366	Natural Harbour with Impounded wet docks.
J.L.Nehru	18° 56' 43"N*(a)	72° 56' 24" E	10.0(b)	11.0	350	All ships Turning off berths		All Weather Tidal Port
Mormugao	15° 25' N	73° 48' E	4.6	14.4	250	2	480	Protected Open Natural Harbour
New Mangalore	12° 55' N	74° 48' E	7.5	15.4	245	1	570	Artificial lagoon port
Cochin	9° 58' N	76° 16' E	10.5	13.8	175	1	500	Dry Dock Natural Port
V.O. Chidambaranar	8° 45' N	78° 13' E	4.0	10.4	162	1	488	Artificial Harbour
Chennai	13° 06' N	80° 18' E	6.7	IH 18.6 OH 19.2	244	1	548	Artificial Harbour with wet docks.
Ennore	13° 15' 30"N	80° 21' E	3.775	16.0	250	1	600	Artificial Harbour
Visakhapatnam	17° 41' N	83° 17' E						
Inner Harbour@			2.0**	10.7	97.5	1	366	Natural Harbour
Outer Harbour@			3.1**	20.0	200	1	610	Artificial Harbour
Paradip	20° 15' N-58°.63N	86° 40' E-27°.34E	500.0	(-)13	160	1	520	Wet Dock
Kolkata Dock System	22° 33' N	88° 18' E	232	2.6\$	45	2	KPD-183 NSD-250	Riverine with impounded docks and river side jetty.
Haldia Dock Complex	22° 02' N	88° 06' E	115	6.7	467	1	549	--do --

(a) At GTI Berth South-West Corner

(b) Nautical Miles

\$ Draft variable Min-5.3, Max-8.4

** Including both turning circles

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

Source : Major Ports/IPA

Table 1.4 Berths Available at Major Ports

(As on 31.3.2011)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2009-10	2010-11
1	2	3	4	5	6
KANDLA					
I) Cargo Jetty					
CJ-I - Multipurpose	9.8	182.87	45,000	89	92
CJ-II - Multipurpose	9.8	182.87	45,000	90	93
CJ-III - Multipurpose	9.8	182.87	45,000	91	92
J-IV - Multipurpose	9.8	182.87	45,000	89	92
CJ-V - Multipurpose	9.1	205.73	35,000	84	89
CJ-VI - Multipurpose	9.1	205.73	35,000	91	94
CJ-VII - Multipurpose	12.0	238.64	55,000	90	95
CJ-VIII - Multipurpose	12.0	213.04	55,000	93	94
CJ-IX - Multipurpose	12.0	182.87	55,000	91	91
CJ-X - Multipurpose	12.0	205.72	55,000	92	92
CJ-XI - Multipurpose & Container	12.5	281.00	65,000	35	39
CJ-XII - Multipurpose & Container	12.5	264.00	...	30	37
II) Oil Jetty					
OJ-I - POL Products & other Liquids	10.4	213.4	40,000	80	81
OJ-II - POL Products & other Liquids	10.0	183.0	52,000	85	81
OJ-III - POL Products & other Liquids	10.7	213.4	40,000	86	88
OJ-IV - POL Products & other Liquids	10.7	216.0	56,000	85	80
OJ-V - Phos. Acid & Ammonia	10.7	216.0	45,000	74	63
OJ-VI - POL Products	10.1	216.0	45,000	29	20
III) At Vadinar					
SBM-I - POL Crude	30.0	...	3,00,000	21	29
SBM-II - POL Crude	30.0	...	3,00,000	43	29
SBM-III - POL Crude	30.0	...	3,00,000	42	36
Product Jetty - POL (Products)	28.0	...	2,00,000	67	36
MUMBAI@					
Indira Docks					
1. Container	8.84 to 9.14	168	...	50	61
2. Container	8.84 to 9.14	175	...	13	45
3. Container	8.84 to 9.14	175	...	48	62
4. Container	8.84 to 9.14	175	...	47	45
5. Container	8.84 to 9.14	175	...	47	50
6. Multipurpose	8.84 to 9.14	175	...	35	52
7. Multipurpose	8.84 to 9.14	175	...	96	96
8. Multipurpose	8.84 to 9.14	175	...	55	58
9. G. Cargo/ Tanker	8.84 to 9.14	175	...	56	36
J/E Heavy lifts	8.84 to 9.14	160	...	21	19
10. Multipurpose	8.84 to 9.14	175	...	55	39
11. Multipurpose	8.84 to 9.14	175	...	36	44
12. Multipurpose	8.84 to 9.14	175	...	55	35
12 A. Multipurpose	8.84 to 9.14	175	...	53	39
12 B. Multipurpose	8.84 to 9.14	175	...	59	51
13 A. Multipurpose	8.84 to 9.14	175	...	62	51
13 B. Multipurpose	8.84 to 9.14	175	...	60	12

@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 31.3.2011)

Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage	
				Occupancy during	
				2009-10	2010-11
1	2	3	4	5	6
13 G.Cargo and Bulk Cargo	8.84 to 9.14	175	...	50	66
14. Fertilizers & Food Grains	8.84 to 9.14	175	...	42	23
15. Fertilizers & Food Grains	8.84 to 9.14	175	...	39	59
16. Multipurpose	8.84 to 9.14	175	...	55	40
17. Multipurpose	8.84 to 9.14	175	...	77	49
18. Multipurpose	7.0 CD	186	...	47	58
19. Multipurpose	7.0 CD	160	...	38	63
20. Multipurpose	7.0 CD	160	...	6	
21. Multipurpose	7.0 CD	160	...	59	60
22/23. Multipurpose	7.0 CD	160	...	46	38
Ballard Station					
Pier- Container	10.0 CD	183	...	30	38
Ballard Extn.					
Pier- Paassenger cum Cargo	10.0 CD	221	...	70	76
Victoria Dock *					
1. Multipurpose Berth	6.7	140	...	*	
2. Multipurpose Berth	6.7	140	...	*	
3. Multipurpose Berth	6.7	140	...	*	*
4. Multipurpose Berth	6.0	140	...	*	*
5. Multipurpose Berth	6.7	140	...	*	*
6. Multipurpose Berth	6.7	140	...	*	*
7. Multipurpose Berth	6.7	140	...	*	*
8. Multipurpose Berth	6.7	140	...	*	*
9. Multipurpose Berth	6.7	140	...	*	*
10/11. Multipurpose Berth	6.7	140	...	*	*
12. Multipurpose Berth	6.7	140	...	*	*
14. Multipurpose Berth	6.7	140	...	*	*
Prince's Dock *					
A. Multipurpose Berth	6.1 to 6.4	152	...	**	**
B. Multipurpose Berth	6.1 to 6.4	152	...	**	**
C. Multipurpose Berth	6.1 to 6.4	152	...	**	**
D. Multipurpose Berth	6.1 to 6.4	152	...	**	**
F. Multipurpose Berth	6.1 to 6.4	152	...	**	**
G. Multipurpose Berth	6.1 to 6.4	152	...	**	**
N/O. Multipurpose Berth	6.1 to 6.4	152	...	**	**
P/Q. Multipurpose Berth	6.1 to 6.4	152	...	**	**
Jawahar Dweep					
1.JD - POL	11.58	226	70,000	66	65
2 JD - POL	10.97	226	48,000	41	46
3.JD - POL	11.58	226	70,000	56	60
4 JD - POL	14.30	300	1,25,000	68	67
Old Pir Pau Jetty - POL/Chem	7.50	171	35,000	49	40
New Pir Pau Jetty- POL/Chem	12.00	197	47,000	81	81

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

Table 1.4

Berths Available at Major Ports

(As on 31.3.2011)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2009-10	2010-11
1	2	3	4	5	6
J.L.NEHRU					
CB-01- Container JNPCT	12.5	680	85,000	82	79
CB-02 - Container JNPCT				64	19
CB-03 - Container JNPCT				44	78
CB-04 - Container NSICT	12.5	600	1,00,000	81	88
CB-05 - Container NSICT				81	76
GTI-01-Container GTIPL	12.5	712	85,000	76	55
GTI-02-Container GTIPL				19	79
GTI-03-Container GTIPL				77	78
Liquid Cargo Berth(BPCL)					
Piled Jetty-Seaward-LB-01	12.5	300	100,000	85	89
Inner face-LB-02	10.0	280	45,000	86	89
SB-01 Shallow Draught Berth	5.0	445	30,000	-	28
SB-02 Shallow Draught Berth	7.2			22	71
SB-03 Shallow Draught Berth	9.0			83	83
JNPT Anchorage	-	-	-	60	56
MORMUGAO					
5A General Cargo(a)	12.5	190	(b)	...	...
6A General Cargo(a)	14.0	225	(b)	...	...
7. Barge Berth(b)	3.5		...	...	...
8. Liquid Bulk	12.7	260	125000	66	66
		298**			
9. Ore	14.0	335	275000	88	88
		358**			
10. General Cargo	11.5	225	55000	79	79
11. General Cargo	12.7	225	65,000	86	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	-	-
NEW MANGALORE					
No. 1 General Cargo	7.0	90	4000	10	11
No. 2 General Cargo	10.5	190	30000	56	53
No. 3 General Cargo	10.3	190	30000	43	41
No. 4 General Cargo/Liq. Amonia/Phos. Acid	9.5	190	30000	34	22
No. 5 General Cargo/Bulk Cement/Edible Oil	9.5	190	30000	47	36
No. 6 General Cargo	9.5	190	30000	56	30
No. 7 General Cargo	9.5	190	30000	42	35
No. 8 Iron Ore Berth (Mechanical)	12.5	245	60000	45	32
No.9 POL/LPG	10.5	235	45000	85	89
No. 10 Crude Oil	14.0	245	85000	71	63
No.11 Crude Oi/POL Products	14.0	245	85000	73	74
No.12 Multi User Jetty-POL/Chemicals	12.5	230	50000	35	59
No. 14 Deep Draft multipurpose Berth-General Cargo	14.0	280	90000	84	57

(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 31.3.2011)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during		
				2009-10	2010-11	
1	2	3	4	5	6	
COCHIN						
Q1 - General Cargo	9.1	}	180	16000	96	98
Q2 - General Cargo	9.1		180	16000	58	53
Q3 - General Cargo	9.1		180	16000	100	81
Q4 - General Cargo	9.14		180	16000	-	89
Q5 - General Cargo/Finished Fertiliser	10.3	}	250		74	75
Q6 - General Cargo/Container	10.3		250	20000	79	90
Q7 - General Cargo/Container	10.5		250		56	38
Q8 - Container	12.5	}	250	35000	64	71
Q9 - Container	12.5		250	35000	34	79
Q10 - Fert. Raw Materials	10.7		207	60000	83	91
BTP - Passenger & Cargo	10.2	}	200	35000	100	100
NCB - General Cargo/Liquid Amonia	9.1		170	15000	63	69
SCB - General Cargo/Liquid Amonia	9.1		170	15000	49	68
COT - POL Crude	12.5		250	115000	57	74
NTB - POL Products	9.1		213	30000	49	73
STB - POL Products	9.1		170	20000	16	12
SPM - Crude Oil	22.5		370	300000	39	45
TUTICORIN						
Alongside Berths						
Berth No.1 - General Cargo	9.3		176	52481	71	85
Berth No.2 - General Cargo	9.3		191	56058	77	79
Berth No.3 - Bulk Cargo	10.7		230	71488	80	82
Berth No.4 - General Cargo	10.7		230	71488	78	88
Berth No. 5 - Bulk & Phosporic acid	8.6		201	55473	83	86
Berth No. 6 - General Cargo	9.3		201	56070	77	85
Berth No.7\$ - Container	10.9		231	43401	77	86
Berth No.8 - Container	10.9		190	55566	92	92
Berth No.9 - Container	10.7		190	52808	-	87
Shallow Drought Berth						
Berth No.1 - General Cargo	}	5.9	106	5350	30	14
Berth No.2 - General Cargo		77	2800	41	30	
Oil Jetty						
Oil Jetty	10.7		183	47084	23	34
Coal Jetties						
Coal Jetty No.1	10.9		190	58791	76	79
Coal Jetty No.2	10.9		224	73879	65	76
CHENNAI						
Dr. Ambedkar Dock						
1. North Quay - Passenger/ G.C.	8.5		198	...	73	70
2. West Quay I - G.C./Other Liquid Cargo	11.0		171	...	59	67
3. West Quay 2 - General Cargo	12.0		171	...	59	69
4. Centre Quay - General Cargo	12.0		171	...	57	75
5. West Quay 3 - General Cargo	12.0		171	...	82	77

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

Table 1.4 Contd...

Berths Available at Major Ports

(As on 31.3.2011)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2009-10	2010-11
1	2	3	4	5	6
6. West Quay 4 - Fert./General Cargo	11.0	171	...	76	64
7. South Quay 1 - Fert./General Cargo	9.5	246	...	80	84
8. South Quay 2 - Fert./General Cargo	9.5	179	...	75	78
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)
Jawahar Docks					
11. J.D.1 - Foodgrains/G.C.	11.5	218	...	86	80
12 J.D.2 - Coal/Other Liquid Bulk	11.5	218	...	76	78
13. J.D.3 - Foodgrains/G.C.	11.5	218	...	88	82
14. J.D.4 - Other Ores/Coal	11.0	218	...	64	56
15. J.D.5 - Foodgrains/G.C.	11.5	218	...	80	78
16. J.D.6 - Other Ores/Coal	11.0	218	...	71	56
Bharathi Docks					
17. B.D.1 - Oil	14.6	356	...	77	56
18. B.D.2 - Ore	16.5	382	...	66	47
19. B.D.3 - Oil	16.5	308	...	73	80
Container Terminal					
20. CT-1 - Containers	13.4	200	...	39	11
21. CT-2 - Containers	13.4	200	...	47	57
22. CT-3 - Containers	13.4	200	...	59	64
23. CT-4 - Containers	13.4	285	...	53	64
24. SCB-I - Containers	12	287	....	23	29
25. SCB-II - Containers	12	270	....	-	28
26.SCB-III-Containers	12	275	....	-	30
ENNORE					
Coal Berth - 1	13.5	280(a)	77000	88	77
Coal Berth - 2	13.5	280(a)	77000	21	33
Marine Liquid Terminal-1	13.5	360	150000	15	32
CICT	13.5	325	150000	-	17
VISAKHAPATNAM					
Inner Harbour					
Multipurpose Berths					
East Quay - 1	10.1	168	...	88	92
East Quay - 2	10.1	168	...	88	85
East Quay - 3	10.1	168	...	88	83
East Quay - 4	10.1	231	...	90	90
East Quay - 5	10.2	168	...	94	74
East Quay - 6	10.2	183	...	88	43
East Quay - 7	11.0\$\$	255	...	90	91
East Quay - 8	11.0\$\$	255	...	71	68
East Quay - 9	11.0\$\$	255	...	79	76
West Quay - 1	11.0\$\$	212	...	86	47
West Quay - 2	11.0\$\$	227	...	85	66
West Quay - 3	11.0\$\$	201	...	86	89
West Quay - 4	11.0\$\$	243	...	85	87
West Quay - 5	11.0\$\$	242	...	82	87
RE West Quay - 1	8.0	170	...	36	37
Captive Berths					
Oil Refinery Berth - 1	10.1	183	...	76	78

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 31.3.2011)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during		
				2009-10	2010-11	
1	2	3	4	5	6	
Oil Refinery Berth - 2	9.8	183	...	72	73	
Fertiliser Berth	10.1	173	...	52	46	
Outer Harbour						
1. GCB - General cum Bulk Cargo	14.5*	356	...	86	85	
2. Container Terminal	14.5	451	...	85	60	
Captive Berths						
OB -1&OB-2 Iron Ore	16.5 @@	270	...	49	96	
OSTT - Crude Oil	17.0*	408	...	65	50	
LPG - POL	14.0	371	...	45	70	
PARADIP						
Iron Ore Berth	12.5	260	70,000	91	88	
East Quay - I	11.0	} 260	40000	95	80	
East Quay - II	11.0		40000	94	87	
East Quay - III	12.5		230	60000	95	92
South Quay	12.0	230	50000	95	93	
Central Quay - I	12.5	} 230	65000	96	95	
Central Quay - II	12.5		230	65000	95	94
Central Quay - III	12.5		230	65000	95	96
Fertiliser Berth - I	12.5	252	65000	54	64	
Fertiliser Berth - II	12.5	252	65000	65	66	
Multipurpose Berth	12.5	230	45000	95	92	
Coal Berth - I	12.5	} 260	70000	50	44	
Coal Berth - II	12.5		260	70000	57	54
Oil Jetty	12.7	230	70000	55	55	
SPM - Crude Oil	21.0	...	320000	33	34	
KOLKATA DOCK SYSTEM						
Kidderpore Dock (KPD)						
1 KPD	8.0	133	Around 25000 depending on parcel load#	99	99	
3 KPD	8.4	128		65	64	
4 KPD	8.7	136		96	96	
5/7 KPD	8.6	229	-do-	90	88	
6 KPD	9.0	118	-do-	66	65	
8 KPD	9.2	128	-do-	82	90	
9 KPD	9.0	108	-do-	65	52	
10 KPD	8.9	161	-do-	92	89	
11 KPD	8.7	151	-do-	55	51	
12 KPD	8.9	143	-do-	95	96	
22 KPD	8.6	151	-do-	80	98	
23 KPD	8.8	147	-do-	100	100	
24 KPD	9.1	152	-do-	87	48	
25 KPD	8.8	169	-do-	84	67	
26 KPD	8.4	185	-do-	68	98	
27 KPD	7.7	195	-do-	90	75	
28 KPD	8.5	195	-do-	62	59	
29 KPD	7.4	185	-do-	62	56	

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 31-03-2011)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2009-10	2010-11
1	2	3	4	5	6
Netaji Subhash Dock (NSD)					
1 NSD-General/Heavy Cargo	7.1	200	-do-	80	58
2 NSD-General Cargo	7.8	187	-do-	73	54
3 NSD-General Cargo	9.0	183	-do-	68	59
4 NSD-Container	8.6	181	Around 21000	80	79
5 NSD-Container	8.2	182	-do-	65	65
7 NSD-Container	8.5	192	-do-	66	64
8 NSD-Container	8.0	225	-do-	79	79
12 NSD-Liquid Cargo	8.1	152	Around 25000	49	48
13 NSD-General Cargo	8.2	174	depending on parcel load	70	53
14 NSD-General Cargo	7.4	174		70	54
Buj Buj Jetties					
1 BB-Liquid Cargo	13.7	189	Around 38000 [^]	61	94
2 BB-Liquid Cargo	11.1	116	-do-	32	32
3 BB-Liquid Cargo	11.2	163	-do-	37	37
5 BB-Liquid Cargo	12.3	189	-do-	40	54
7 BB-Liquid Cargo	10.7	137	-do-	38	45
8 BB-Liquid Cargo	9.1	189	-do-	29	46
HALDIA DOCK COMPLEX					
HOJ-I - POL, Amonia & Chemical	12.2	236	90000	67	82
HOJ-II - POL	12.2	277	150000	71	81
HOJ-III- POL Crude	12.5	275	150000	49	51
Berth No.2 - Multipurpose Berth handling Dry Bulk	12.2	260	90000	92	82
Berth No. -3- Multipurpose Berth handling POL, Iron Ore & other bulk	12.5	239	90000	77	81
Berth No.- 4 -Thermal Coal (Mechanised)	12.2	239	90000	57	61
Berth No.- 4 A- Coking Coal (Mechanised)	12.2	230	90000	79	78
Berth No. - 4 B - Dry Bulk & Break Bulk	12.2	180	90000	96	92
Berth No. 5 - Coking Coal & FRM (Dry)	12.2	183	90000	68	85
Berth No. 6 - Dry Bulk, Break Bulk & Liquid Bulk	12.2	212	90000	68	97
Berth No. 7 - Dry Bulk, Break Bulk & Liquid Bulk	12.2	212	90000	89	79
Berth No. 8 - Dry Bulk, Break Bulk & Liquid Bulk	12.2	^^	90000	92	82
Berth No. 9 - Dry Bulk, Break Bulk & Container	12.2	^^	90000	99	89
Berth No. 10 - Dry Bulk, Break Bulk & Container	12.2	^^	90000	85	71
Berth No. 11 - Dry Bulk, Break Bulk & Container	12.2	^^	90000	80	78
Berth No. 12 - Dry Bulk & Break Bulk	12.2	^^	90000	86	79
Berth No. 13 - Dry Bulk & Break Bulk	12.2	^^	90000	97	85

[^]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 31.3.2011)

Port/Type	Dry Storage Accomodation		Liquid Storage Tanks			
	No.	Area(Sq.mts)/ Capacity	No.	Location	Capacity	Type of Cargo
1	2	3	4	5	6	7
1. KANDLA						
Covered area						
i) Transit Sheds			465	Outside the port under control of private tank farm	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	...				
2. MUMBAI						
(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				
3. MORMUGAO						
(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	3	Vasco City	22500 KL	Phosphoric Acid
ii) Others	-	309389	2	Port Area	10000 T	Liquid Products
4. NEW MANGALORE						
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

Storage Facilities Available at Major Ports

(As on 31.3.2011)

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
5. J. L. NEHRU						
i) CFS- JNP	1	269000	124	Outside	671490 MT	A,B,C class of chemicals,
ii) CFS-Private	21	2121208	Tank Farms			POL Products, Edible
iii) Open Area-Inside Port		1422614				Oil & other liquids.
6. COCHIN						
(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			10000 MT	Ammonia
ii) Open at the Wharf		49200				
iii) Container Yard		1792 Ground Slots				
7. TUTICORIN						
(a) Covered area						
i) Transit Sheds	3	22070	3	VOC Wharf Berth IV	15000 M3	Phosphoric Acid
ii) Ware - Houses	4	20550	3	Outside	41600 KL	Naptha
iii) Other covered area	2	1472	3	-do-	25500 KL	Furnace Oil
vi) Private Warehouses	16	459000	3	-do-	15540 KL	LSHF/HSD
(b) 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
8. CHENNAI						
A. Port Owned						
(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

Storage Facilities Available at Major Ports

(As on 31.3.2011)

Port/Type	Dry Storage Accomodation		Liquid Storage Tanks			
	No.	Area(Sq.mts)/ Capacity	No.	Location	Capacity	Type of Cargo
1	2	3	4	5	6	7
B. Others (Area Allotted)			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				
9. VISAKHAPATNAM						
A. Port Owned						
(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. Owned by Users			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				
10. PARADIP						
(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

Storage Facilities Available at Major Ports

(As on 31.3.2011)

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

11. KOLKATA DOCK SYSTEM

A. Port Owned (inside port)

(a) Covered area

i) Transit Sheds	26	134722	3	Outside Port	4500 KL	Vegetable Oil
ii) Ware-Houses	3	10794	42	Inside Port	82095 KL	Vegetable Oil
iii) Container Freight Station	1	9000	118	Inside Port	380883 KL	POL
		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. Others (outside port)

(a) Covered area

i) Container Freight Station	3	...				
------------------------------	---	-----	--	--	--	--

12. HALDIA DOCK COMPLEX

(a) Covered area

i) Transit/Overflow Sheds	3	25040(a)				
ii) Container Yard	1	5000				
(b) Open Area	11	892840 (b)				

13. ENNORE

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

Table 1.6

Commodity-Wise Capacity Available at Major Ports

(In Million Tonnes)

Commodities	KDS	HDC	PPT	VPT	EPL	ChPT	V.O.C.	CoPT	NMPT	MoPT	MbPT	KPT	JNPT	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL														
As on 31.3.08	3.96	17.00	6.00	17.65	-	11.80	2.30	18.70	22.00	1.50	32.00	46.00	5.50	184.41
As on 31.3.09	3.96	17.00	21.00	17.65	3.00	11.80	2.30	18.70	22.00	1.50	32.00	55.24	5.50	211.65
As on 31.3.10	3.96	17.00	21.00	17.65	3.00	11.80	2.30	18.70	22.00	1.50	32.00	62.83	5.50	219.24
As on 31.3.11	4.11	17.00	21.00	17.65	3.00	11.80	2.30	18.70	23.37	1.50	32.00	62.83	5.50	220.76
Iron Ore														
As on 31.3.08	-	6.00	4.50	12.50	-	8.00	-	-	7.50	24.30	-	-	-	62.80
As on 31.3.09	-	6.00	4.50	12.50	-	8.00	-	-	7.50	24.30	-	-	-	62.80
As on 31.3.10	-	6.00	4.50	12.50	-	8.00	-	-	7.50	28.30	-	-	-	66.80
As on 31.3.11	-	8.00	4.50	12.50	6.00 [^]	8.00	-	-	7.50	33.00	-	-	-	79.50
Coal														
As on 31.3.08	-	7.00	20.00	-	13.00	-	6.25	-	-	-	-	-	-	46.25
As on 31.3.09	-	7.00	20.00	-	13.00	-	6.25	-	-	-	-	-	-	46.25
As on 31.3.10	-	7.00	20.00	-	13.00	-	6.25	-	-	-	-	-	-	46.25
As on 31.3.11	-	7.00	20.00	-	21.00	-	6.25	-	-	-	-	-	-	54.25
Fertiliser														
As on 31.3.08	-	-	7.50	1.00	-	-	-	0.60	-	-	-	-	-	9.10
As on 31.3.09	-	-	7.50	1.00	-	-	-	0.60	-	-	-	-	-	9.10
As on 31.3.10	-	-	7.50	1.00	-	-	-	0.60	-	-	-	-	-	9.10
As on 31.3.11	-	-	7.50	1.00	-	-	-	0.80	-	-	-	-	-	9.30
Break-Bulk Cargo														
As on 31.3.08	5.70	12.70	18.00	28.30	-	16.10	7.20	4.76	14.00	7.25	9.2+6.0	13.00	0.80	137.01
As on 31.3.09	6.30	12.70	18.00	29.38	-	16.80	9.26	4.76	14.70	7.25	9.8+6.0	14.80	0.80	144.55
As on 31.3.10	6.44	12.70	23.50	29.38	-	17.92	10.17	6.76	14.70	7.25	9.8+6.0	14.97	0.90	154.49
As on 31.3.11	6.51	14.70	23.50	31.28	1.00	17.92	13.49	8.98	14.70	7.40	11.53+6.0	16.88	0.90	168.79
Container														
As on 31.3.08	4.90	4.00	-	1.70	-	17.45	5.00	4.31	-	-	3.50	3.60	48.04	92.50
As on 31.3.09	5.50	4.00	-	1.70	-	19.15	5.00	4.31	-	-	1.90	7.20	51.66	100.42
As on 31.3.10	5.50	4.00	-	1.74	-	33.60	5.00	4.31	-	-	1.90	7.20	57.60@	120.85
As on 31.3.11	5.73	4.00	-	2.50	-	42.00#	5.00	12.5**	-	-	1.00*	7.20	57.60@	137.53
TOTAL														
As on 31.3.08	14.56	46.70	56.00	61.15	13.00	53.35	20.75	28.37	43.50	33.05	44.70	62.60	54.34	532.07
As on 31.3.09	15.76	46.70	71.00	62.23	16.00	55.75	22.81	28.37	44.20	33.05	43.70	77.24	57.96	574.77
As on 31.3.10	15.90	46.70	76.50	62.27	16.00	71.32	23.72	30.37	44.20	37.05	43.70	85.00	64.00	616.73
As on 31.3.11	16.35	50.70	76.50	64.93	31.00	79.72	27.04	40.98	45.57	41.90	44.53	86.91	64.00	670.13

: Capacity of Chennai Port 1st Container Terminal (4 berths) and 2nd Container Terminal (3 berths) has been taken as 24 MT and 18.00 MT respectively.

@ : Capacity of JNP Container Terminal (3berths), NSICT (2berths), GTIPL (3berths) & 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.

[^]: Capacity of Ennore Port of Iron ore berth has been taken as 6.0MT.

*: Only BPS berth is considered as dedicated container berth. Berth No. 6,7/8 ID are used as holding berth for MbPT crafts & no capacity has been accounted.

** : RGCT berths at Wellington Island have been shown as general cargo berths. Capacity of 3 Container berths of Vallarpadam taken as 1.0 million TEUs(12.5MT).

Source : Development Wing - Department of Shipping.

Table 1.7 Number of Berths Available at Major Ports

Commodities	P O R T S														Total
	KDS	HDC	PPT	VPT	EPL	ChPT	V.O.C.	CoPT	NMPT	MoPT	MbPT	KPT	JNPT		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
POL															
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	
31.3.11	7+A	3+2BJ	1+SBM	4	1	2	1	3+SBM	4	1	5	8+3SBM+A	2	42+2BJ+A+55BM	
IRON ORE															
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	
31.3.11	-	2	1	1	1	1	-	-	1	1+TRANS	-	-	-	8+TRANS	
COAL															
31.3.08	-	2	2	-	2	-	2	-	-	-	-	-	-	8	
31.3.09	-	2	2	-	2	-	2	-	-	-	-	-	-	8	
31.3.10	-	2	2	-	2	-	2	-	-	-	-	-	-	8	
31.3.11	-	2	2	-	3	-	2	-	-	-	-	-	-	9	
FERTILISER															
31.3.08	-	-	2	1	-	-	-	1	-	-	-	-	-	4	
31.3.09	-	-	2	1	-	-	-	1	-	-	-	-	-	4	
31.3.10	-	-	2	1	-	-	-	1	-	-	-	-	-	4	
31.3.11	-	-	2	1	-	-	-	1	-	-	-	-	-	4	
BREAK BULK															
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	
31.3.11	22+A	8	9	15	1	14	10+BZone	12	8	4	25	11	1	140+B Bzone	
CONTAINER															
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	
31.3.11	4	2	-	1	-	7	1	3	-	-	1	2	9	30	
TOTAL															
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+A*	17+2BJ	15+1SBM	22	3	24	14+BZone	16+SPM	13	6+TRANS	31+A	21+3SBM+A	12	227+5SBM+TRANS+ 2BJ+B Zone+A	
31.3.11	33+A*	17+2BJ	15+1SBM	22	6	24	14+BZone	19+1 SPM	13	6+TRANS	31+A	21+3SBM+A	12	233+2 BJs+A Zone+ TRANS+5SBM	

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 31.3.2011)**

(In Nos.)

Port	Crane				Fork Lift Truck	Tractor	Trailor	Shovel Dozer & Pay Loader	Locomotive
	Mobile	Wharf	Container						
			Quay	Yard					
1	2	3	4	5	6	7	8	9	10
Kolkata Dock System	10	1	-	4	16\$	8	58	-	4
Haldia Dock Complex	2	-	-	1	7	1	5	12	11
Paradip	3^	2	-	-	1	-	-	-	7
Visakhapatnam	-	23	-	-	-	-	-	-	18
Chennai	3	10	7*	28*	20	*	*	2	14
V.O.Chidambaranar	-	5	3*	8*	3	-	-	-	1
Cochin	4	8	4*	15*	26	2	30	-	-
New Mangalore\$\$	1	-	-	-	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	34	99	42	144	155	512		20	62

\$: 13 FLTs, 3 RST

*: Under BOT Operators.

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

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

In addition, Floating Crane-1.

^: 3 cranes are provided by Pvt. Operator.

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

Source:-Indian Ports Association.

Table 1.9

Container Handling Facilities Available at Major Ports

(As on 31.3.2011)

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
KOLKATA DOCK SYSTEM	4	21,000	-	3x35.5 T 1x40 T	RST:3X45T(*)	-	-	19X40T 6x20T
HALDIA DOCK COMPLEX	2	40,000	-	1x30 T	1X35T	7	1x10T	5
VISAKHAPATNAM	1(Under BOT Operator)	1,00,000	RMQC-2Nos. 2x35.6T (SWL)	RTGC - 2 Nos.	2x45T 2x10T	1x5T	-	16
CHENNAI	4 (Under BOT Operator)	76,500	7	28	3	3	70 Outsourced	
V.O.Chidambaranar	1(Under BOT Operator)	47,000	3x40T (SWL)	8x35T (SWL)	-	-	12x50T (SWL)	12x50T (SWL)
COCHIN #	3(Under BOT Operator)	1,00,000	4	15	2/2	2	-	30 (Leased by BOToperator)
J.N.P.T.- JNPCT (Port's own)	4	70,000	3x35.5 T 2x 50 T 3x40T(Hired)	RTGC- 12x40T -6x40T(Hired) RMGC- 1x35.5T -2x40T(Hired)	2x45T(**)	10(3 to 5T)	20	78
NSICT (BOT Operator)	2	85,000	8x50 T	RTGC- 29x40T RMGC- 3x40T	2x40T-TLT 3x40T	- -	50 Owned# 100 Hired#	- -
GCIPL (BOT Operator)	2	85,000	8x61 T	RTGC- 29x50/61 T RMGC- 3x61 T	4x40T		85##	
MUMBAI	4	42,000	2x35.5 T	3x35.5 T (RTG)	2x42T(**) 2x45T(**)	47	27	-
KANDLA	1	50000		Wharf Cranes-16	2	9	3	1

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

##: Tractor- trailers combined

Source: Indian Ports Association

Table 1.10

Berthing Facilities Available at Non-Major Ports

(As on 31.3.2011)

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
GUJARAT								
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)IPCL		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 Barge Berth	- -	- -	- -	4 1	4 1
Veraval	Intermediate Fair Weather port	13-14	Direct berth for small coaster with 4 mtrs.draft.	-	1	-	-	1
Magdalla	Minor	15.00	RCC Jetty Wharf	- -	11 2	- -	- -	11 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	-	-	-	-	-
Orjal	Minor	11.00	RCC Fishing Jetty	1	-	-	-	1
Umergaon	Minor	No Anchorage fixed	RCC Jetty	-	1	-	-	1
Umarsadi	Minor	No Anchorage fixed	Fishing Jetty	1	-	-	-	1
Billimora	Minor	No Anchorage fixed	Wooden jetty RCC Jetty	3 1	- -	- -	- -	3 1

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

Berthing Facilities Available at Non-Major Ports

(As on 31.3.2011)

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
GUJARAT(Contd...)								
Mul-Dwarka	Intermediate Fair Weather Port	13-14	Direct berth for small coaster	-	1	-	1	2
Okha	Intermediate	12.80	Sayaji pier (East)	-	-	-	-	-
			D.C.B	-	-	-	1	1
			Sheet piled wharf	1	-	-	-	1
Bhavnagar	Intermediate	12.00	Light Carao Passenger Jetty	1	-	-	-	1
			1) Concrete Jetty RCC piles with slab with docking	1	-	-	-	1
			2) Akwada Wharf RCC wall	-	1	-	-	1
Jafarabad	Intermediate	14.00	3) North Quay RCC with Well foundation	-	1	-	-	1
			Clinkers jetty	-	1	-	-	1
			T Shape jetty	1	-	-	-	1
(a)Victor	Minor	11.60	Captive jetty	-	1	-	-	1
			Along side wharf(east)	1	-	-	-	1
(b)Pipavav (GPPL)	Intermediate	14.50	Along side wharf (west)	-	-	-	-	-
			General Carao Container	-	-	-	2	2
Navalakhi	Intermediate	2.00	LPG	-	-	-	1	1
			Jetty/wharf	2	2	-	-	4
Jakhau	Minor	11.00	Jetty	-	-	-	-	-
		10.30	Jetty	-	-	-	-	-
TAMIL NADU								
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	10.50	-	-	-	-	-	-
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 31.3.2011)

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
MAHARASHTRA *								
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
Revda	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.

* Data related to 2009-10.

Source : State / UT

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

Berthing Facilities Available at Non-Major Ports

(As on 31.3.2011)

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
KARNATAKA								
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
KERALA								
1. Koavalam/ Vizhinjam	Minor	8.00	Wharf	-	-	1	-	1
2. Neendakara	Intermediate	13.00	Concrete wharf	1	-	-	-	1
3. Thalassery	Minor	12.00	-	-	-	-	-	-
3. Azhikkal	Minor	4.00	Wharf	-	-	1	-	1
4. Kozhikode/Beyppore	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	12.00	Wharf	1	-	-	-	1
9.Valtyathura	Minor	5'-10	Open sea	1	-	-	-	1
10.Kasargode	Minor	-	-	-	-	-	-	-
11.Munambam	Minor	6.00	-	-	-	-	-	-

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

Berthing Facilities Available at Non-Major Ports

(As on 31.3.2011)

Name of the Port	Intermediate/ Minor	Max.Depth available at anchorage	Berth Type	No. of Berths by existing Draft				
				Below 2 meters	2-4 meters	4-6 meters	6 meters above	Total
1	2	3	4	5	6	7	8	9
ANDHRA PRADESH								
Kakinada	Intermediate	12.00	Open road stead port	-	-	-	-	-
(a) Anchorage								
(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
GOA								
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	-	-	-	-	-
DIU								
Diu	Minor	20.00	RCC Jetty C.C.Wharf	-	2	-	-	2
Daman	Minor	9.15	1. RCC jetty at Nani Daman	-	-	1	-	1
ORISSA								
Gopalpur	Minor	20-30	Wharf with front diaphragm wall inside lagoon of 555m long	-	7	-	-	7
PONDICHERRY								
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 31.3.2011)

(Nos.)

State/Port/ Year	Dredgers	Cranes			Barges			Launches	Tugs	Pablos	Fork Lifts
		Upto 5 tons	6-10 tons	Above 10 tons	Dumb	Self- Propelled	Water Barges				
1	2	3	4	5	6	7	8	9	10	11	12
GUJARAT											
Magdalla											
2009-10	-	-	-	1	1	-	-	-	1	-	-
2010-11	-	-	-	1	1	-	-	-	1	-	-
Porbandar											
2009-10	1	-	-	2	-	-	-	2	2	-	-
2010-11	1	-	-	2	-	-	-	2	6	-	-
Okha											
2009-10	-	-	1	-	-	-	-	1	3	-	-
2010-11	-	-	1	-	-	-	-	2	2	-	-
Bedi											
2009-10	1	-	-	2	2	1	1	1	4	-	-
2010-11	1	2	-	2	1	1	-	1	4	-	-
GAPL											
2009-10	1	2	-	-	-	-	-	2	4	-	-
2010-11	1	2	-	-	-	-	-	2	4	-	-
GPPL											
2009-10	-	-	-	35	-	-	-	-	4	-	-
2010-11	-	-	-	29	-	-	-	-	4	-	-
Veraval											
2009-10	-	-	-	1	-	-	-	-	-	-	-
2010-11	-	-	-	1	-	-	-	-	-	-	-
Navalakhi											
2009-10	1	-	-	1	-	-	1	1	1	-	-
2010-11	1	-	-	1	-	-	1	1	1	-	-
Bhavnagar											
2009-10	5	-	-	-	-	1	-	-	1	-	-
2010-11	3	-	-	-	-	1	-	-	1	-	-
Mandvi											
2009-10	-	-	-	-	-	-	-	-	1	-	-
2010-11	-	-	-	-	-	-	-	-	1	-	-
TAMIL NADU											
Kudankulam											
2009-10	-	-	-	-	-	-	-	-	-	-	-
2010-11	-	-	-	-	-	-	-	-	-	-	-
Nagapattinam											
2009-10	-	-	-	-	6	1	-	-	-	-	-
2010-11	-	-	-	-	6	1	-	-	-	-	-
Kanyakumari											
2009-10	-	-	-	-	-	-	-	3	1	-	-
2010-11	-	-	-	-	-	-	-	3	1	-	-
KERALA											
Neendakara											
2009-10	1	-	-	-	-	4	-	-	1	-	-
2010-11	1	-	-	-	-	4	-	-	1	-	-
Kozhikode/Beypor											
2009-10	-	5	-	2	-	-	-	-	3	-	-
2010-11	-	5	-	2	-	-	-	-	3	-	-
Kovalam-Vizhinjam											
2009-10	-	-	-	-	-	-	-	-	-	-	-
2010-11	-	-	-	-	-	-	-	-	-	-	-

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

Equipment Available at Various Non-Major Ports (As on 31.3.2011)

(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
MAHARASHTRA(b)											
2009-10	1	-	-	-	1	2	-	3	2	-	-
2010-11	1	-	-	-	1	2	-	3	2	-	-
DAMAN											
2009-10	-	-	-	-	-	-	-	2	-	-	-
2010-11	-	-	-	-	-	-	-	2	-	-	-
PUDUCHERRY											
2009-10	2	-	-	-	-	-	-	1	-	-	-
2010-11	2	-	-	-	-	-	-	1	-	-	-
GOA											
Panaji											
2009-10	1	-	-	-	-	1	-	2	1	-	-
2010-11	1	-	-	-	-	1	-	2	1	-	-
KARNATAKA											
Belekeri											
2009-10	-	-	-	-	-	-	-	-	-	-	-
2010-11	-	-	-	-	-	-	-	-	-	-	-
Old Mangalore											
2009-10	-	-	-	1	-	-	-	-	-	-	-
2010-11	-	-	-	1	-	-	-	-	-	-	-
Karwar*											
2009-10	-	-	5	-	-	-	-	-	-	-	-
2010-11	-	-	5	-	-	-	-	-	-	-	-
ANDHRA PRADESH											
Kakinada Anchorage Port											
2009-10	2	-	-	-	7	1	-	10	6	-	-
2010-11	2	-	-	-	7	1	-	10	6	-	-
Kakinada Deep Water Port											
2009-10	-	2	-	-	-	-	-	-	4	-	10
2010-11	-	2	-	-	-	-	-	-	4	-	10
Krishnapatnam											
2009-10	-	-	2	-	2	-	-	2	3	-	-
2010-11	-	-	2	-	2	-	-	2	3	-	-
Orissa											
Gopalpur											
2009-10	1	-	4	-	4	8	-	3	-	-	-
2010-11	1	-	4	-	4	8	-	3	-	-	-
ANDAMAN & NICOBAR ISLAND											
Port Blair											
2009-10	2	-	6	2	4	-	-	3	3	-	16
2010-11	2	-	6	3	6	-	-	3	2	-	16
Mayabunder											
2009-10	-	-	2	-	-	-	-	-	-	-	2
2010-11	-	-	2	-	-	-	-	-	-	-	2
Diglipur											
2009-10	-	-	1	-	3	-	-	-	-	-	-
2010-11	-	-	1	-	-	-	-	-	-	-	-
Car Nicobar											
2009-10	-	-	4	3	2	-	-	-	-	-	2
2010-11	-	-	2	3	2	-	-	-	-	-	3
Hut Bay											
2009-10	-	-	-	3	2	-	-	-	-	-	2
2010-11	-	-	-	3	2	-	-	-	-	-	2
Nancowry											
2009-10	-	-	-	1	3	-	-	-	1	-	4
2010-11	-	-	-	1	-	-	-	-	-	-	4
Compbell											
2009-10	-	-	2	3	-	-	-	-	-	-	3
2010-11	2	-	-	3	-	-	-	-	-	-	3
Rangat											
2009-10	-	-	-	1	-	-	-	-	-	-	1
2010-11	-	-	-	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 31.3.2011)** (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	-	2	4
Maharashtra	19	1	-	11	-	-	-	2
Goa, Daman & Diu	2	-	-	1	-	-	-	1
Karnataka	8	1	2	-	-	-	-	1
Kerala	15	-	2	5	-	-	-	1
Tamilnadu	18	-	11	9	-	-	-	4
Puducherry	1	-	1	1	-	-	-	1
Andhra Pradesh	16	-	5	5	-	-	-	3
Orissa	5	-	4	2	-	-	-	1
West Bengal	2	-	3	1	-	-	-	1
Andaman & Nicobar Islands	31	-	1	5	-	-	1	3
Lakshadweep	16	-	2	5	-	-	-	1
Total	181	23	31	64	1	-	3	23

Source : Directorate General of Light Houses & Light Ships.

SECTION – II

2. CURRENT PORT STATISTICS

2.1 MAJOR PORTS

2.2 NON-MAJOR PORTS

Table 2.1.1

Traffic Handled At Major Ports in India -2010-11

(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	57040	15258	245	72543	3956	5381	0	9337	60996	20639	245	81880
Mumbai	27617	4311	7398	39326	2040	3449	9771	15260	29657	7760	17169	54586
J.L. Nehru	30671	27046	887	58604	2113	3138	462	5713	32784	30184	1349	64317
Mormugao	8293	40547	0	48840	907	313	0	1220	9200	40860	0	50060
New Mangalore	17515	7305	0	24820	3551	3179	0	6730	21066	10484	0	31550
Cochin	10005	2703	442	13150	3734	989	0	4723	13739	3692	442	17873
Tuticorin	11926	6585	780	19291	5688	748	0	6436	17614	7333	780	25727
Chennai	36287	20178	0	56465	4038	957	0	4995	40325	21135	0	61460
Ennore	2048	1052	0	3100	7909	0	0	7909	9957	1052	0	11009
Visakha-patnam	28244	14227	2520	44991	5103	14906	3041	23050	33347	29133	5561	68041
Paradip	29658	14995	0	44653	1564	9821	0	11385	31222	24816	0	56038
Haldia Dock Complex	19232	8648	0	27880	4025	3100	0	7125	23257	11748	0	35005
Kolkata Dock System	5693	4263	1552	11508	756	276	0	1032	6449	4539	1552	12540
All Ports	284229	167118	13824	465171	45384	46257	13274	104915	329613	213375	27098	570086

Source : Major Ports

**Table 2.1.2 Traffic Handled At Major Ports
by Selected Commodities - 2010-11**

(‘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	48426	817	5807	583	674	3492	2586	160	19495	81880
Mumbai	32990	-	155	300	745	6368	653	72	13375	54586
J.L.Nehru	5043	-	-	870	-	-	56426	4332	1978	64317
Mormugao	939	40625	232	-	-	6566	220	18	1478	50060
New Mangalore	21551	3744	784	4	116	2856	568	40	1927	31550
Cochin	12121	-	76	353	-	40	4419	310	864	17873
Tuticorin	741	64	1171	730	80	5349	8169	468	9423	25727
Chennai	13991	2114	434	337	86	2023	29421	1485	13054	61460
Ennore	509	401	-	-	-	9368	-	-	731	11009
Visakhapatnam	19242	19347	3268	811	203	11464	2572	146	11134	68041
Paradip	12845	13795	136	4226	-	19340	69	4	5627	56038
Haldia Dock Complex	10606	5952	273	186	0	8183	2835	149	6970	35005
Kolkata Dock System	878	827	31	31	11	97	6220	377	4445	12540
All Ports	179882	87686	12367	8431	1915	75146	114158	7561	90501	570086

*: Thermal Coal & Coking Coal
Source: Major Ports

Table 2.1.3

**Traffic Handled - Port-wise and Principal Commodity-wise -
2008-09, 2009-10 & 2010-11**

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

Commodity	2008-09						2009-10						2010-11					
	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	2715	0	2715	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POL Products	103	0	103	546	72	618	19	40	59	588	77	665	79	98	177	619	82	701
Fertiliser	0	0	0	0	0	0	2	0	2	0	0	0	31	0	31	0	0	0
FRM - Dry	23	0	23	0	0	0	45	0	45	0	0	0	31	0	31	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	31	31	0	0	0	0	0	0	0	0	0	11	0	11	0	0	0
Iron & Steel	18	45	63	0	0	0	138	70	208	4	1	5	88	18	106	6	0	6
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar	51	3	54	0	0	0	199	0	199	0	0	0	45	14	59	0	0	0
Veg. Oil	524	0	524	0	0	0	542	0	542	0	0	0	646	0	646	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	8	0	8	16	0	16	0	0	0	97	0	97	0	0	0
Thermal Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cement	0	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0
Iron Ore/Pellets	194	285	479	3	0	3	557	252	809	1	0	1	0	827	827	0	0	0
Other Ore	0	0	0	0	0	0	273	0	273	0	0	0	162	0	162	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	90	0	90	14	0	14	86	0	86	61		61	54	0	54	80	0	80
Others	4452	3047	7499	59	145	204	5681	4110	9791	54	226	280	5258	4049	9307	51	194	245
Total	8170	3411	11581	630	217	847	7561	4472	12033	708	304	1012	6502	5006	11508	756	276	1032

Table 2.1.3 (Contd...)

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

2008-09, 2009-10 & 2010-11

('000 Tonnes)

Haldia Dock Complex

Commodity	2008-09						2009-10						2010-11					
	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	10739	0	10739	1703	0	1703	3037	0	3037	1657	0	1657	2675	0	2675	1733	0	1733
POL Products	1199	232	1431	1229	1148	2377	1578	118	1696	1892	1022	2914	2520	559	3079	2195	924	3119
Fertiliser	316	0	316	0	0	0	178	0	178	0	0	0	273	0	273	0	0	0
FRM - Dry	230	0	230	0	0	0	117	0	117	0	0	0	186	0	186	0	0	0
FRM - Liquid	440	0	440	0	0	0	479	0	479	0	0	0	403	0	403	8	0	8
Food Grains	7	0	7	0	0	0	10	0	10	0	0	0	0	0	0	0	0	0
Iron & Steel	121	200	321	0	0	0	166	77	243	0	0	0	133	10	143	0	0	0
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar	191	10	201	0	0	0	669	0	669	0	0	0	282	30	312	0	0	0
Veg. Oil	0	0	0	0	0	0	920	0	920	0	0	0	1016	0	1016	0	0	0
Salt	0	0	0	0	0	0	0	0	0	17	0	17	0	0	0	0	0	0
Coking Coal	5923	0	5923	0	0	0	6059	0	6059	0	0	0	6010	0	6010	0	0	0
Thermal Coal	0	0	0	0	1915	1915	0	0	0	0	1489	1489	0	0	0	0	2173	2173
Cement	0	0	0	0	0	0	42	0	42	0	0	0	48	0	48	0	0	0
Iron Ore/Pellets	0	8727	8727	0	0	0	0	7678	7678	0	0	0	0	5952	5952	0	0	0
Other Ore	219	4	223	0	0	0	322	0	322	0	0	0	665	0	665	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	1907	186	2093	171	0	171	720	82	802	0	0	0	3051	198	3249	89	3	92
Others	3458	1497	4955	20	0	20	3719	1330	5049	0	0	0	1970	1899	3869	0	0	0
Total	24750	10856	35606	3123	3063	6186	18016	9285	27301	3566	2511	6077	19232	8648	27880	4025	3100	7125

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

2008-09, 2009-10 & 2010-11

Commodity	('000 Tonnes)																		Paradip
	2008-09						2009-10						2010-11						
	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	1072	0	1072	504	0	504	8667	0	8667	315	0	315	10118	0	10118	69	0	69	
POL Products	676	0	676	675	313	988	739	0	739	1202	724	1926	940	0	940	1119	599	1718	
Fertiliser	173	0	173	0	0	0	81	0	81	0	0	0	136	0	136	0	0	0	
FRM - Dry	3397	0	3397	0	0	0	3486	0	3486	0	0	0	4226	0	4226	0	0	0	
FRM - Liquid	1159	0	1159	59	0	59	1401	0	1401	146	75	221	1330	0	1330	228	144	372	
Food Grains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Iron & Steel	53	112	165	0	0	0	4	0	4	0	0	0	83	0	83	148	0	148	
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	623	623	0	3	3	
Veg. Oil	0	0	0	0	0	0	38	0	38	0	0	0	78	0	78	0	0	0	
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Coking Coal	5430	0	5430	0	34	34	4995	0	4995	0	8	8	5945	0	5945	0	115	115	
Thermal Coal	3855	0	3855	11	10832	10843	4992	67	5059	0	9758	9758	4450	0	4450	0	8830	8830	
Cement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Iron Ore/Pellets	0	14156	14156	116	0	116	18	16111	16129	3	27	30	0	13795	13795	0	0	0	
Other Ore	532	550	1082	0	0	0	999	637	1636	0	0	0	236	488	724	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	2135	363	2498	44	161	205	2089	391	2480	0	38	38	2116	89	2205	0	130	130	
Total	18482	15181	33663	1409	11340	12749	27509	17206	44715	1666	10630	12296	29658	14995	44653	1564	9821	11385	

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

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

2008-09, 2009-10 & 2010-11

('000 Tonnes)

Visakhapatnam

Commodity	2008-09						2009-10						2010-11					
	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	9422	0	9422	3863	0	3863	8995	0	8995	1591	1698	3289	8091	0	8091	2270	2220	4490
POL Products	1648	1393	3041	2079	1353	3432	1224	1304	2528	1978	1501	3479	1925	758	2683	2039	1939	3978
Fertiliser	3408	0	3408	0	0	0	2909	0	2909	0	0	0	3268	0	3268	0	0	0
FRM - Dry	726	0	726	0	0	0	775	0	775	0	0	0	811	0	811	0	0	0
FRM - Liquid	336	0	336	36	0	36	596	0	596	44		44	458	0	458	128	0	128
Food Grains	144	346	490	0	37	37	94	95	189	0	37	37	119	51	170	0	33	33
Iron & Steel	88	491	579	3	59	62	67	274	341	0	18	18	24	510	347	0	3	3
Iron Scrap	33	0	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar	4	5	9	0	4	4	45	0	45	0	5	5	7	12	19	0	5	5
Veg. Oil	0	0	0	0	0	0	0	0	0	0	0	0	53	48	101	0	19	19
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	89	0	89
Coking Coal	7561	0	7561	0	19	19	7436	0	7436	0	515	515	7344	0	7344	0	582	582
Thermal Coal	0	0	0	0	3440	3440	55	0	55	4	3712	3716	0	0	0	0	3538	3538
Cement	0	0	0	0	15	15	0	0	0	0	0	0	0	0	0	0	0	0
Iron Ore/Pellets	0	8514	8514	12	8993	9005	91	10494	10585	744	7615	8359	109	9954	10063	122	9162	9284
Other Ore	92	151	243	139	0	139	252	141	393	684	0	684	784	144	928	417	0	417
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemicals	283	0	283	143	0	143	0	0	0	0	0	0	0	0	0	0	0	0
Others	5455	3258	8713	185	170	355	7642	2548	10190	251	67	318	7771	2750	10521	299	185	484
Total	29200	14158	43358	6460	14090	20550	30181	14856	45037	5296	15168	20464	30764	14227	44991	5364	17686	23050

Table 2.1.3 (Contd...)

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

2008-09, 2009-10 & 2010-11

('000 Tonnes)

Ennore

Commodity	2008-09						2009-10						2010-11					
	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	359	0	359	7	0	7	330	0	330	65	0	65	325	0	325	184	0	184
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	10	0	10	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	103	0	103	0	0	0
Thermal Coal	1174	0	1174	8534	0	8534	890	0	890	8389	0	8389	1540	0	1540	7725	0	7725
Cement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron Ore/Pellets	0	1111	1111	0	0	0	0	936	936	0	0	0	0	401	401	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	41	0	41	0	0	0	83	0	83	0	0	0	80	0	80	0	0	0
Others	274	0	274	0	0	0	0	0	0	0	0	0	0	651	651	0	0	0
Total	1848	1111	2959	8541	0	8541	1313	936	2249	8454	0	8454	2048	1052	3100	7909	0	7909

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

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

2008-09, 2009-10 & 2010-11

('000 Tonnes)

Chennai

Commodity	2008-09						2009-10						2010-11					
	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	8556	0	8556	1139	0	1139	8497	0	8497	1390	0	1390	8967	0	8967	1064	0	1064
POL Products	683	1052	1735	906	796	1702	627	781	1408	1404	622	2026	620	1168	1788	1374	798	2172
Fertiliser	516	0	516	0	0	0	357	0	357	0	0	0	434	0	434	0	0	0
FRM - Dry	267	0	267	0	0	0	254	0	254	0	0	0	337	0	337	0	0	0
FRM - Liquid	0	0	0	0	0	0	11	0	11	0	0	0	8	0	8	0	0	0
Food Grains	22	0	22	0	0	0	0	0	0	0	0	0	9	77	86	0	0	0
Iron & Steel	485	135	620	13	0	13	532	69	601	53	2	55	825	13	838	42	0	42
Iron Scrap	105	62	167	0	13	13	305	41	346	0	0	0	187	116	303	0	0	0
Sugar	63	73	136	0	0	0	517	0	517	0	0	0	272	61	333	0	0	0
Veg. Oil	0	0	0	0	0	0	1080	0	1080	0	0	0	1069	0	1069	0	8	8
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	7402	0	7402	0	0	0	1790	0	1790	0	0	0	606	0	606	0	0	0
Thermal Coal	0	0	0	2446	0	2446	0	0	0	1269	0	1269	0	0	0	1417	0	1417
Cement	0	0	0	0	0	0	0	0	0	0	4	4	0	0	0	0	0	0
Iron Ore/Pellets	0	6846	6846	0	0	0	0	8027	8027	0	0	0	0	2114	2114	0	0	0
Other Ore	10	753	763	0	0	0	7	841	848	0	0	0	2	582	584	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	100	0	100	81	0	81	49	0	49	109	0	109	60	0	60	121	0	121
Others	11819	13062	24881	32	54	86	19849	12460	32309	14	96	110	22891	16047	38938	20	151	171
Total	30028	21983	52011	4617	863	5480	33875	22219	56094	4239	724	4963	36287	20178	56465	4038	957	4995

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

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

2008-09, 2009-10 & 2010-11

('000 Tonnes)

Tuticorin

Commodity	2008-09						2009-10						2010-11					
	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	301	0	301	202	0	202	264	0	264	250	0	250	262	0	262	479	0	479
Fertiliser	1147	0	1147	0	0	0	1221	0	1221	0	0	0	1159	12	1171	0	0	0
FRM - Dry	677	0	677	0	0	0	860	0	860	0	0	0	730	0	730	0	0	0
FRM - Liquid	0	42	42	0	232	232	43	113	156	0	149	149	81	40	121	0	167	167
Food Grains	0	195	195	0	0	0	0	150	150	0	0	0	42	38	80	0	0	0
Iron & Steel	0	0	0	0	0	0	0	1	1	87	0	87	0	4	4	182	0	182
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Sugar	0	116	116	0	0	0	612	3	615	0	0	0	206	136	342	0	0	0
Veg. Oil	0	0	0	0	0	0	225	0	225	0	0	0	241	0	241	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	271	271	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	1312	0	1312	4735	0	4735	1095	0	1095	4508	0	4508	1061	0	1061	4288	0	4288
Cement	0	0	0	0	0	0	0	15	15	0	0	0	0	33	33	0	0	0
Iron Ore/Pellets	0	0	0	0	0	0	0	41	41	0	0	0	0	64	64	0	0	0
Other Ore	1141	195	1336	0	0	0	1183	226	1409	0	2	2	1322	371	1693	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	87	332	419	0	0	0
Others	6664	4522	11186	191	339	530	7367	3865	11232	937	570	1507	7514	5284	12798	739	581	1320
Total	11242	5070	16312	5128	571	5699	12870	4414	17284	5782	721	6503	12706	6585	19291	5688	748	6436

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

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

2008-09, 2009-10 & 2010-11

('000 Tonnes)

Cochin

Commodity	2008-09						2009-10						2010-11					
	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	5398	90	5488	2508	216	2724	5928	0	5928	2363	118	2481	6708	0	6708	2053	102	2155
POL Products	525	273	798	737	745	1482	986	782	1768	1049	712	1761	509	986	1495	1031	732	1763
Fertiliser	193	0	193	0	0	0	135	0	135	0	0	0	76	0	76	0	0	0
FRM - Dry	265	0	265	0	0	0	211	0	211	0	0	0	353	0	353	0	0	0
FRM - Liquid	86	0	86	25	0	25	240	0	240	38	0	38	171	0	171	20	0	20
Food Grains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron & Steel	186	9	195	0	1	1	15	0	15	7	0	7	0	0	0	0	0	0
Iron Scrap	64	0	64	27	0	27	82	0	82	0	0	0	181	0	181	0	0	0
Sugar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veg. Oil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thermal Coal	259	0	259	0	0	0	148	0	148	0	0	0	40	0	40	0	0	0
Cement	46	0	46	0	0	0	0	0	0	110	0	110	0	0	0	259	0	259
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	7	132	139	0	0	0	27	118	145	0	28	28	12	196	208	0	0	0
Chemicals	61	61	122	0	0	0	84	0	84	4	0	4	23	3	26	0	0	0
Others	2253	1182	3435	143	2	145	1714	1414	3128	693	423	1116	2153	1739	3892	371	155	526
Total	9343	1747	11090	3440	964	4404	9570	2314	11884	4264	1281	5545	10226	2924	13150	3734	989	4723

Table 2.1.3

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

New Mangalore

Commodity	2008-09, 2009-10 & 2010-11															('000 Tonnes)		
	2008-09						2009-10						2010-11					
	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	10677	0	10677	1780	0	1780	10870	0	10870	1884	0	1884	10462	0	10462	1931	0	1931
POL Products	1328	4396	5724	573	2574	3147	1047	4190	5237	945	2403	3348	1835	4845	6680	580	1898	2478
Fertiliser	905	0	905	0	0	0	820	0	820	0	0	0	784	0	784	0	0	0
FRM - Dry	13	0	13	0	0	0	13	0	13	0	0	0	4	0	4	0	0	0
FRM - Liquid	193	0	193	32	0	32	269	0	269	10	0	10	225	0	225	8	0	8
Food Grains	0	111	111	0	0	0	0	161	161	0	0	0	0	116	116	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	590	0	590	0	0	0	564	8	572	0	9	9
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	1929	0	1929	0	0	0	2791	0	2791	0	19	19	2746	26	2772	84	0	84
Thermal Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cement	0	0	0	0	0	0	0	0	0	312	0	312	0	0	0	243	0	243
Iron Ore/Pellets	0	9023	9023	480	271	751	0	5759	5759	346	957	1303	0	1889	1889	629	1226	1855
Other Ore	0	0	0	0	0	0	0	0	0	0	15	15	85	0	85	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	31	61	92	19	0	19	43	129	172	36	0	36	55	62	117	9	0	9
Others	1684	280	1964	320	11	331	1533	269	1802	60	57	117	755	359	1114	67	46	113
Total	16760	13871	30631	3204	2856	6060	17976	10508	28484	3593	3451	7044	17515	7305	24820	3551	3179	6730

Table 2.1.3

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

2008-09, 2009-10 & 2010-11

('000 Tonnes)

Mormugao

Commodity	2008-09			2009-10			2009-10			2010-11			2010-11			2010-11		
	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	440	0	440	598	0	598	249	0	249	715	0	715	286	0	286	653	0	653
Fertiliser	182	0	182	0	0	0	125	0	125	0	0	0	232	0	232	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	339	0	339	19	0	19	448	0	448	37	0	37	386	0	386	8	0	8
Foodgrain	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron & Steel	0	132	132	0	0	0	2	174	176	0	134	134	0	20	20	0	46	46
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar	74	0	74	0	0	0	126	0	126	0	0	0	50	0	50	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	4107	0	4107	0	0	0	3759	0	3759	0	29	29	4923	0	4923	10	0	10
Thermal Coal	449	0	449	0	0	0	953	0	953	0	0	0	1633	0	1633	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	33446	33446	0	363	363	0	40036	40036	254	284	538	55	40083	40138	221	266	487
Other Ore	0	394	0	0	0	0	0	105	105	0	0	0	0	25	25	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	804	283	1481	0	51	51	1208	114	1322	16	79	95	728	419	1147	15	1	
Total	6395	34255	40650	617	414	1031	6870	40429	47299	1022	526	1548	8293	40547	48840	907	313	1220

**Table 2.13
(Contd...)**

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

2008-09, 2009-10 & 2010-11

('000 Tonnes)

J. L. Nehru

Commodity	2008-09						2009-10						2010-11					
	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	397	382	779	998	2774	3772	268	733	1001	953	2962	3915	299	663	962	1113	2968	4081
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	8	0	8	862	0	862
FRM - Liquid	0	0	0	0	0	0	0	0	0	0	0	0	59	0	59	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	762	0	762	0	0	0	847	0	847	0	0	0	843	0	843	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	813	0	813	0	0	0	1020	0	1020	9	0	9	0	0	0
Iron Ore/Pellets	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Ore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemicals	504	2	506	17	0	17	735	50	785	56	0	56	635	46	681	15	0	15
Others	24217	25857	50074	458	115	573	28219	24294	52513	284	342	626	29227	26815	56042	344	411	755
Total	25880	26241	52121	2286	2889	5175	30069	25077	55146	2313	3304	5617	31080	27524	58604	2334	3379	5713

Table 2.1.3
(Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise -
2008-09, 2009-10 & 2010-11

('000 Tonnes)

Mumbai

Commodity	2008-09						2009-10						2010-11					
	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	11507	99	11606	9232	3389	12621	12782	0	12782	8155	3180	11335	12380	0	12380	6455	2977	9432
POL Products	2677	2096	4773	4590	981	5571	2495	2725	5220	4637	564	5201	3017	2893	5910	4796	472	5268
Fertiliser	136	0	136	0	0	0	201	0	201	0	0	0	155	0	155	0	0	0
FRM - Dry	210	0	210	0	0	0	241	0	241	0	0	0	300	0	300	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	450	29	479	0	0	0	561	17	578	0	0	0	743	0	743	2	0	2
Iron & Steel	1296	628	1924	30	0	30	3404	623	4027	545	0	545	4042	364	4406	240	0	240
Iron Scrap	5	0	5	0	0	0	0	0	0	13	0	13	0	0	0	0	0	0
Sugar	1	492	493	0	0	0	37	0	37	0	0	0	12	12	24	0	0	0
Veg. Oil	0	0	0	0	0	0	418	27	445	0	0	0	191	0	191	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	3676	0	3676	0	0	0	3815	0	3815	0	0	0	6368	0	6368	0	0	0
Cement	13	0	13	0	0	0	12	0	0	101	0	101	27	0	27	132	0	132
Iron Ore/Pellets	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Ore	81	0	81	0	0	0	106	0	106	0	0	0	137	0	137	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	21	15	36	0	0	0	22	19	41	0	0	0	51	7	58	0	0	0
Others	8137	1232	9369	853	0	853	9097	560	9657	184	0	184	7302	1334	8627	186	0	186
Total	28210	4591	32801	14705	4370	19075	33191	3971	37162	13635	3744	17379	34716	4610	39326	11811	3449	15260

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 -

2008-09, 2009-10 & 2010-11

('000 Tonnes)

Kandla

Commodity	2008-09						2009-10						2010-11					
	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	33162	0	33162	2774	0	2774	33535	0	33535	2842	0	2842	34246	0	34246	2164	0	2164
POL Products	331	5179	5510	553	3539	4092	661	4981	5642	706	4245	4951	1020	6145	7165	864	3987	4851
Fertiliser	5195	0	5195	0	0	0	4912	0	4912	0	0	0	5807	0	5807	0	0	0
FRM - Dry	298	0	298	0	0	0	788	0	788	0	0	0	583	0	583	0	0	0
FRM - Liquid	1120	0	1120	12	0	12	1728		1728	86	0	86	1443	0	1443	136	0	136
Food Grains	0	1029	1029	0	0	0	0	632	632	0	0	0	5	669	674	0	0	0
Iron & Steel	878	25	903	10	36	46	1278	19	1297	66	22	88	1381	5	1386	52	40	92
Iron Scrap	150	0	150	0	0	0	505	0	505	0	0	0	126	0	126	0	0	0
Sugar	142	259	401	0	0	0	1571	0	1571	0	0	0	300	388	688	0	0	0
Veg. Oil	0	0	0	0	0	0	618	0	618	0	0	0	616	13	629	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	152	152
Coking Coal	467	0	467	0	0	0	929	0	929	0	0	0	410	0	410	0	0	0
Thermal Coal	1407	0	1407	0	0	0	2296	0	2296	0	0	0	3082	0	3082	0	0	0
Cement	0	483	483	0	0	0	0	193	193	0	0	0	0	0	0	0	0	0
Iron Ore/Pellets	52	0	52	77	0	77	442	0	442	219	0	219	411	192	603	214	0	214
Other Ore	39	332	371	0	0	0	5	394	399	0	16	16	10	258	268	0	6	6
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemicals	3089	374	3463	12	22	34	4233	344	4577	12	478	490	3900	298	4198	5	356	361
Others	4333	6333	10666	99	413	512	4004	5267	9271	457	1016	1473	3945	7290	11235	521	840	1361
Total	50663	14014	64677	3537	4010	7547	57505	11830	69335	4388	5777	10165	57285	15258	72543	3956	5381	9337

Table 2.1.3
(Contd...)

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

2008-09, 2009-10 & 2010-11

('000 Tonnes)

All Ports

Commodity	2008-09						2009-10						2010-11					
	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	93248	189	93437	23503	3605	27108	92311	0	92311	20197	4996	25193	93647	0	93647	17739	5299	23038
POL Products	10667	15003	25670	13693	14295	27988	10487	15654	26141	16384	14832	31216	13637	18115	31752	17046	14399	31445
Fertiliser	12171	0	12171	0	0	0	10941	0	10941	0	0	0	12355	12	12367	0	0	0
FRM - Dry	6106	0	6106	0	0	0	6790	0	6790	0	0	0	7569	0	7569	862	0	862
FRM - Liquid	3673	42	3715	183	232	415	5215	113	5328	361	224	585	4564	40	4604	536	311	847
Food Grains	623	1741	2364	0	37	37	665	1055	1720	0	37	37	929	951	1880	2	33	35
Iron & Steel	3125	1777	4902	56	96	152	5606	1307	6913	762	177	939	6576	944	7333	670	89	759
Iron Scrap	357	62	419	27	13	40	892	41	933	13	0	13	495	116	611	0	0	0
Sugar	526	958	1484	0	4	4	3776	3	3779	0	5	5	1174	1276	2450	0	8	8
Veg. Oil	1286	0	1286	0	0	0	5288	27	5315	0	0	0	5317	69	5386	0	36	36
Salt	0	0	0	0	0	0	0	0	0	17	0	17	0	271	271	89	152	241
Coking Coal	32819	0	32819	8	53	61	27775	0	27775	0	571	571	28184	26	28210	94	697	791
Thermal Coal	12132	0	12132	15726	16187	31913	14244	67	14311	14170	14959	29129	18174	0	18174	13430	14541	27971
Cement	59	483	542	813	15	828	57	208	253	1543	4	1547	84	33	117	634	0	634
Iron Ore/Pellets	246	82108	82354	688	9627	10315	1108	89334	90442	1567	8883	10450	575	75271	75846	1186	10654	11840
Other Ore	2114	2379	4099	139	0	139	3147	2344	5491	684	33	717	3403	1868	5271	417	6	423
Tea and Coffee	7	132	139	0	0	0	27	118	145	0	28	28	12	196	208	0	0	0
Chemicals	6127	699	6826	457	22	479	6055	624	6679	278	478	756	7996	946	8942	319	359	678
Others	75685	60916	136995	2404	1461	3865	92122	56622	148744	2950	2914	5864	91630	68725	160346	2613	2694	5291
Total	260971	166489	427460	57697	45647	103344	286506	167517	454023	58926	48141	107067	296312	168859	465171	55637	49278	104915

Source: Major Ports.

Table 2.1.4

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

Port	2008-09 (%)			2009-10 (%)			2010-11 (%)		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
MAJOR PORTS	13.7	5.2	10.4	5.6	14.0	10.9	11.7	10.5	11.3
Kandla	4.5	2.1	3.9	1.9	10.5	9.0	10.6	3.4	9.1
Mumbai	28.5	22.9	27.7	24.7	4.9	22.6	20.7	3.6	18.7
J.N.P.T.	1.4	2.9	2.2	3.6	3.9	3.8	1.0	1.0	1.0
Mormugao	6.3	6.2	6.2	4.6	8.5	8.0	22.1	31.1	29.6
N.Mangalore	34.2	7.8	22.3	38.8	7.2	27.1	23.5	6.9	18.6
Cochin	18.8	1.0	16.0	21.0	36.6	22.9	6.5	1.4	5.4
Tuticorin	0.4	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0
Chennai	8.4	3.3	6.3	9.3	4.1	7.2	8.7	2.2	6.4
Vizag	23.4	5.5	17.6	23.0	3.6	16.6	20.3	5.5	15.7
Paradip	7.1	6.4	6.8	6.1	5.8	6.0	4.1	4.7	4.3
Haldia Dock Complex	26.0	7.5	20.3	19.8	5.5	14.9	17.7	3.3	13.2
Kolkata Dock System	1.7	2.7	2.0	1.3	0.8	1.1	6.4	26.5	15.2
Ennore	0.0	0.0	0.0	0.0	0.0	0.0	3.4	3.8	3.5
NON-MAJOR PORTS	2.5	2.8	2.6	1.8	3.6	2.8	1.8	2.9	2.2
All Ports	10.2	4.5	8.1	10.9	4.6	8.1	8.0	7.8	8.0

Table 2.1.5

**Container Traffic Handled at Major Ports - Type-Wise -
2008-09, 2009-10 & 2010-11**

(Nos.)

Type	KANDLA			MUMBAI			JAWAHARLAL NEHRU		
	2008-09	2009-10	2010-11	2008-09	2009-10	2010-11	2008-09	2009-10	2010-11
1	2	3	4	5	6	7	8	9	10
IMPORT	78719	79049	86883	49500	43839	53914	1913789	2066147	2154196
20'	51631	51607	58531	23742	18447	22934	875037	933773	921544
40'	13544	13721	14176	12879	12696	15490	519376	566187	616326
Stuffed	49443	53455	52996	41138	38215	46400	1554326	1866192	1961063
20'	24309	27437	26384	18584	14941	18394	716070	876494	880433
40'	12567	13009	13306	11277	11637	14003	419128	494849	540315
Empty	29276	25594	33887	8362	5624	7514	359463	199955	193133
20'	27322	24170	32147	5158	3506	4540	158967	57279	41111
40'	977	712	870	1602	1059	1487	100248	71338	76011
EXPORT	58450	67723	73150	36364	4886	4142	1828671	1970563	2062762
20'	44074	46025	52214	33490	2918	2352	832083	896659	905536
40'	7188	10849	10468	1437	984	895	498294	536952	578613
Stuffed	52233	61670	66606	35641	3118	3329	1629768	1612420	1738020
20'	41635	45844	51352	32963	2180	1609	783056	759522	786416
40'	5299	7913	7627	1339	469	860	423356	426449	475802
Empty	6217	6053	6544	723	1768	813	198903	358143	324742
20'	2439	181	862	527	738	743	49027	137137	119120
40'	1889	2936	2841	98	515	35	74938	110503	102811
TRANSHIP-MENT	-	-	180	6628	9373	14416	210310	139135	115403
20'	-	-	168	4394	6347	9566	85616	51667	42297
40'	-	-	6	1117	1513	2425	62347	43734	36553
Stuffed	-	-	180	6628	9373	14416	151515	112202	99934
20'	-	-	168	4394	6347	9566	71191	44930	36942
40'	-	-	6	1117	1513	2425	40162	33636	31496
Empty	-	-	0	-	-	-	58795	26933	15469
20'	-	-	-	-	-	-	14425	6737	5355
40'	-	-	-	-	-	-	22185	10098	5057
TOTAL	137169	146772	160213	92492	58098	72472	3952770	4175845	4332361
20'	95705	97632	110913	61626	27712	34852	1792736	1882099	1869377
40'	20732	24570	24650	15433	15193	18810	1080017	1146873	1231492
Stuffed	101676	115125	119782	83407	50706	64145	3335609	3590814	3799017
20'	65944	73281	77904	55941	23468	29569	1570317	1680946	1703791
40'	17866	20922	20939	13733	13619	17288	882646	954934	1047613
Empty	35493	31647	40431	9085	7392	8327	617161	585031	533344
20'	29761	24351	33009	5685	4244	5283	222419	201153	165586
40'	2866	3648	3711	1700	1574	1522	197371	191939	183879

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

Table 2.1.5
(Contd...)

**Container Traffic Handled at Major Ports - Type-Wise -
2008-09, 2009-10 & 2010-11**

(Nos.)

Type	MORMUGAO			NEW MANGALORE			COCHIN (C)		
	2008-09	2009-10	2010-11	2008-09	2009-10	2010-11	2008-09	2009-10	2010-11
1	2	3	4	5	6	7	8	9	10
IMPORT	7440	9004	9453	14483	15744	20157	130705	139317	145860
20'	3156	4456	4281	9037	11838	14367	77369	85423	84228
40'	2142	2274	2586	2723	1953	2895	26668	26947	30816
Stuffed	5838	6803	6411	10513	10221	10276	107557	117863	126805
20'	3078	4379	4255	7273	8897	7714	71801	81631	81789
40'	1380	1212	1078	1620	662	1281	17878	18116	22508
Empty	1602	2201	3042	3970	5523	9881	23148	21454	19055
20'	78	77	26	1764	2941	6653	5568	3792	2439
40'	762	1062	1508	1103	1291	1614	8790	8831	8308
EXPORT	6787	8292	8149	14072	15712	20001	129315	138863	141272
20'	2637	4238	3611	9100	11572	14457	73783	82725	82688
40'	2075	2027	2269	2486	2070	2772	27766	28069	29292
Stuffed	5095	4885	5447	8734	10820	15557	90856	85325	92706
20'	1983	1995	1895	5736	7340	11433	40064	35443	37572
40'	1556	1445	1776	1499	1740	2062	25396	24941	27567
Empty	1692	3407	2702	5338	4892	4444	38459	53538	48566
20'	654	2243	1716	3364	4232	3024	33719	47282	45116
40'	519	582	493	987	330	710	2370	3128	1725
TRANSHIP-MENT	-	-	-	-	-	-	764	11380	22576
20'	-	-	-	-	-	-	220	10248	19350
40'	-	-	-	-	-	-	272	566	1613
Stuffed	-	-	-	-	-	-	108	11274	21828
20'	-	-	-	-	-	-	104	10194	19350
40'	-	-	-	-	-	-	2	540	1239
Empty	-	-	-	-	-	-	656	106	748
20'	-	-	-	-	-	-	116	54	0
40'	-	-	-	-	-	-	270	26	374
TOTAL	14227	17296	17602	28555	31456	40158	260784	289560	309708
20'	5793	8694	7892	18137	23410	28824	151372	178396	186266
40'	4217	4301	4855	5209	4023	5667	54706	55582	61721
Stuffed	10933	11688	11858	19247	21041	25833	198521	214462	241339
20'	5061	6374	6150	13009	16237	19147	111969	127268	138711
40'	2936	2657	2854	3119	2402	3343	43276	43597	51314
Empty	3294	5608	5744	9308	10415	14325	62263	75098	68369
20'	732	2320	1742	5128	7173	9677	39403	51128	47555
40'	1281	1644	2001	2090	1621	2324	11430	11985	10407

(c) There were 352, 257 & 100 containers of size 45' in Cochin Port which have been converted in TEUs (one 45' = 2 TEUs) in 2008-09, 2009-10 & 2010-11 respectively.

Table 2.1.5
(Contd...)

**Container Traffic Handled at Major Ports - Type-Wise -
2008-09, 2009-10 & 2010-11**

(Nos.)

Type	TUTICORIN			CHENNAI(a)			VISAKHAPATNAM		
	2008-09	2009-10	2010-11	2008-09	2009-10	2010-11	2008-09	2009-10	2010-11
1	3	4	4	6	7	7	9	10	10
IMPORT	213990	213537	226230	585055	621001	761919	42470	48233	72937
20'	90736	96541	95640	275967	306963	354089	25664	32955	48455
40'	61627	58498	65295	154544	157019	203915	8403	7639	12241
Stuffed	117605	143230	153174	558940	593343	734934	32715	40524	63586
20'	57281	77102	81690	257544	291767	340278	19495	28142	43126
40'	30162	33064	35742	150698	150788	197328	6610	6191	10230
Empty	96385	70307	73056	26115	27658	26985	9755	7709	9351
20'	33455	19439	13950	18423	15196	13811	6169	4813	5329
40'	31465	25434	29553	3846	6231	6587	1793	1448	2011
EXPORT	224558	226411	241522	548754	586993	723345	44694	49063	72437
20'	93960	95831	101724	259404	292115	346907	27212	34475	48007
40'	65299	65290	69899	144675	147439	188219	8741	7294	12215
Stuffed	215485	204001	226506	422599	422815	481913	31520	36519	58821
20'	88975	77581	88838	225347	216595	246425	23254	30555	45203
40'	63255	63210	68834	98626	103110	117744	4133	2982	6809
Empty	9073	22410	15016	126155	164178	241432	13174	12544	13616
20'	4985	18250	12886	34057	75520	100482	3958	3920	2804
40'	2044	2080	1065	46049	44329	70475	4608	4312	5406
TRANSHIP-MENT	-	-	-	-	-	-	960	264	-
20'	-	-	-	-	-	-	404	264	-
40'	-	-	-	-	-	-	278	-	-
Stuffed	-	-	-	-	-	-	960	264	-
20'	-	-	-	-	-	-	404	264	-
40'	-	-	-	-	-	-	278	-	-
Empty	-	-	-	-	-	-	-	-	-
20'	-	-	-	-	-	-	-	-	-
40'	-	-	-	-	-	-	-	-	-
TOTAL	438548	439948	467752	1133809	1207994	1485264	88124	97560	145374
20'	184696	192372	197364	535371	599078	700996	53280	67694	96462
40'	126926	123788	135194	299219	304458	392134	17422	14933	24456
Stuffed	333090	347231	379680	981539	1016158	1216847	65195	77307	122407
20'	146256	154683	170528	482891	508362	586703	43153	58961	88329
40'	93417	96274	104576	249324	253898	315072	11021	9173	17039
Empty	105458	92717	88072	152270	191836	268417	22929	20253	22967
20'	38440	37689	26836	52480	90716	114293	10127	8733	8133
40'	33509	27514	30618	49895	50560	77062	6401	5760	7417

(a) There were 1751,2085 & 2040 containers of size 45' in Chennai Port which have been converted in TEUs (one 45' = 2 TEUs) in 2008-09, 2009-10 & 2010-11 respectively

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

**Container Traffic Handled at Major Ports - Type-Wise -
2008-09, 2009-10 & 2010-11**

(Nos.)

Type	PARADIP			HALDIA			KOLKATA		
	2008-09	2009-10	2010-11	2008-09	2009-10	2010-11	2008-09	2009-10	2010-11
1	3	4	4	6	7	7	9	10	10
IMPORT	1196	1769	1084	57001	61570	70995	157453	194388	192075
20'	1196	1769	1084	32655	31510	39613	96977	123614	111043
40'	-	-	-	12173	15030	15691	30238	35387	40516
Stuffed	2	-	-	53415	60978	70558	144935	187641	183051
20'	2	-	-	29767	31046	39440	89965	120023	107485
40'	-	-	-	11824	14966	15559	27485	33809	37783
Empty	1194	1769	1084	3586	592	437	12518	6747	9024
20'	1194	1769	1084	2888	464	173	7012	3591	3558
40'	-	-	-	349	64	132	2753	1578	2733
EXPORT	1170	1757	2443	70247	62542	78344	144716	183122	185060
20'	1170	1757	2443	51325	43938	57848	79308	102930	96216
40'	-	-	-	9461	9302	10248	32704	40096	44422
Stuffed	1170	1757	2443	59388	42007	57432	119319	125054	139783
20'	1170	1757	2443	48272	37869	51174	68343	72550	80165
40'	-	-	-	5558	2069	3129	25488	26252	29809
Empty	-	-	-	10859	20535	20912	25397	58068	45277
20'	-	-	-	3053	6069	6674	10965	30380	16051
40'	-	-	-	3903	7233	7119	7216	13844	14613
TRANSHIP-MENT	-	-	-	-	-	-	-	-	-
20'	-	-	-	-	-	-	-	-	-
40'	-	-	-	-	-	-	-	-	-
Stuffed	-	-	-	-	-	-	-	-	-
20'	-	-	-	-	-	-	-	-	-
40'	-	-	-	-	-	-	-	-	-
Empty	-	-	-	-	-	-	-	-	-
20'	-	-	-	-	-	-	-	-	-
40'	-	-	-	-	-	-	-	-	-
TOTAL	2366	3526	3527	127248	124112	149339	302169	377510	377135
20'	2366	3526	3527	83980	75448	97461	176285	226544	207259
40'	-	-	-	21634	24332	25939	62942	75483	84938
Stuffed	1172	1757	2443	112803	102985	127990	264254	312695	322834
20'	1172	1757	2443	78039	68915	90614	158308	192573	187650
40'	-	-	-	17382	17035	18688	52973	60061	67592
Empty	1194	1769	1084	14445	21127	21349	37915	64815	54301
20'	1194	1769	1084	5941	6533	6847	17977	33971	19609
40'	-	-	-	4252	7297	7251	9969	15422	17346

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

**Container Traffic Handled at Major Ports - Type-Wise -
2008-09, 2009-10 & 2010-11**

(Nos.)

Type	ALL PORTS		
	2008-09	2009-10	2010-11
1	2	3	4
IMPORT	3255873	3251801	3795703
20'	1579955	1563167	1755809
40'	837959	844317	1019947
Stuffed	2653639	2676427	3409254
20'	1308855	1295169	1630988
40'	672392	690629	889133
Empty	602234	575374	386449
20'	271100	267998	124821
40'	165567	153688	130814
EXPORT	3120452	3107798	3612627
20'	1538016	1507546	1714003
40'	791218	800126	949312
Stuffed	2760924	2671808	2888563
20'	1410636	1360798	1404525
40'	675144	655505	742019
Empty	359528	435990	724064
20'	127380	146748	309478
40'	116074	144621	207293
TRANSHIP-MENT	328276	218662	152575
20'	120450	90634	71381
40'	103913	64014	40597
Stuffed	282950	159211	136358
20'	112096	76093	66026
40'	85427	41559	35166
Empty	45326	59451	16217
20'	8354	14541	5355
40'	18486	22455	5431
TOTAL	6578261 (b)	6969677 (b)	7560905 (b)
20'	3238421	3161347	3541193
40'	1733090	1708457	2009856
Stuffed	5697513	5507446	6434175
20'	2831587	2732060	3101539
40'	1432963	1387693	1666318
Empty	1007088	1070815	1126730
20'	406834	429287	439654
40'	300127	320764	343538

(b) 9564 , 8444&8230 TEUs in 2008-09 , 2009-10 & 2010-11 respectively under "Shifting" by Chennai Port have been excluded.

Source: Administrative Report of Major Ports

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

Table 2.1.6

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		2009-10	2010-11	2009-10	2010-11	2009-10	2010-11
	2009-10	2010-11	2009-10	2010-11						
1	2	3	4	5	6	7	8	9	10	11
ALL PORTS										
LOADED										
1. Textiles(Cotton,Silk,Synthetic)Yarn etc.	27	23	27	23	0.06	0.04	0.05	0.04	100.00	100.00
2. Metal & Metal products	85	69	422	336	0.18	0.12	0.79	0.53	20.14	20.54
3. Tea & Coffee	214	465	214	465	0.45	0.83	0.40	0.73	100.00	100.00
4. Foodgrain (Cereals and Pulses)	68	58	327	141	0.14	0.10	0.61	0.22	20.80	41.13
5. Marine products	207	210	207	210	0.43	0.37	0.39	0.33	100.00	100.00
6. Fodder	35	63	35	63	0.07	0.11	0.07	0.10	100.00	100.00
7. Fruits & Vegetables.	17	0	17	4	0.04	0.00	0.03	0.01	100.00	0.00
8. Spices	67	67	67	67	0.14	0.12	0.13	0.11	100.00	100.00
9. Hosiery, Harberdasherry and Millinary.	21	8	21	8	0.04	0.01	0.04	0.01	100.00	100.00
10. Machinery,Instruments Transport equipments.	77	60	416	129	0.16	0.11	0.78	0.20	18.51	46.51
11. Drugs and Medicines.	20	21	20	21	0.04	0.04	0.04	0.03	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.	3	16	3	16	0.01	0.03	0.01	0.03	100.00	100.00
14. Chemicals	30	33	229	176	0.06	0.06	0.43	0.28	13.10	18.75
15. Dry Fruits	62	71	62	71	0.13	0.13	0.12	0.11	100.00	100.00
16. Jute & its Products	180	302	180	302	0.38	0.54	0.34	0.47	100.00	100.00
17. Leather & its Products	59	32	59	32	0.12	0.06	0.11	0.05	100.00	100.00
18. Others	39031	26541	43234	39138	81.94	47.16	80.88	61.36	90.28	67.81
20. All Commodities	40203	27075	45540	28291	84.40	48.11	85.19	44.36	88.28	95.70
21. Tare Weight(a)	6570	5108	7057	5167	13.79	9.08	13.20	8.10	93.10	98.86
22. Transhipment incl. Tare Wt.(b)	860	2976	860	4498	1.81	5.29	1.61	7.05	100.00	66.16
Grand Total	47633	56283	53457	63780	100.00	100.00	100.00	100.00	89.11	88.25

Note : (1) For Visakhapatnam, Tuticorin and J.L.Nehru ports Commodity-wise break up of Container Cargo is not available for years 2009-10 & 2010-11. In case of Chennai port, commodity-wise break up of Container Cargo and General Cargo for 2009-10 & 2010-11 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 - 2009-10 & 2010-11**

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		2009-10	2010-11	2009-10	2010-11	2009-10	2010-11
	2009-10	2010-11	2009-10	2010-11						
1	2	3	4	5	6	7	8	9	10	11
ALL PORTS										
UNLOADED										
1. Iron & Steel	338	194	2441	2585	0.63	0.34	3.08	3.15	13.85	7.50
2. Metal & Metal Products.	241	159	2507	2357	0.45	0.27	3.17	2.87	9.61	6.75
3. Chemicals	600	337	616	431	1.12	0.58	0.78	0.53	97.40	78.19
4. Paper, Newsprints etc.	327	199	329	200	0.61	0.34	0.42	0.24	99.39	99.50
5. Plastic & its products	305	178	308	178	0.57	0.31	0.39	0.22	99.03	100.00
6. Machinery/Instrument and Transport equipments.	403	347	999	846	0.75	0.60	1.26	1.03	40.34	41.02
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	44	54	44	54	0.08	0.09	0.06	0.07	100.00	100.00
8. Hair and wool	22	18	22	18	0.04	0.03	0.03	0.02	100.00	100.00
9. Rubber and its products.	117	170	117	170	0.22	0.29	0.15	0.21	100.00	100.00
10.Oil, fats etc.	78	88	303	329	0.15	0.15	0.38	0.40	25.74	26.75
11.Woodpulp.	4	23	204	153	0.01	0.04	0.26	0.19	1.96	15.03
4. Foodgrain (Cereals and Pulses)	372	237	2262	2176	0.69	0.41	2.86	2.65	16.45	10.89
13.Fertiliser & FRM	0	3	2128	2569	0.00	0.01	2.69	3.13	0.00	0.12
14.Industrial Alcohol & Spirits (Non-potable)	0	2	10	2	0.00	0.00	0.01	0.00	0.00	100.00
15.Drugs & Medicines	2	153	2	219	0.00	0.26	0.00	0.27	100.00	69.86
16.Timber & Log	135	131	1731	1919	0.25	0.23	2.19	2.34	7.80	6.83
17.Others	26845	28129	56290	37335	50.03	48.60	71.13	45.51	47.69	75.34
19.All Commodities	26010	26799	70313	28029	48.48	46.30	88.85	34.17	36.99	95.61
20.Tare Weight (a)	5889	6074	7172	12020	10.98	10.50	9.06	14.65	82.11	50.53
21.Transshipment incl.Tare Wt.(b)	4394	5022	1649	13197	8.19	8.68	2.08	16.09	266.46	38.05
Grand Total	53654	57875	79134	82037	100.00	100.00	100.00	100.00	67.80	70.55

Note : (1) For Visakhapatnam, Tuticorin and J.L.Nehru ports commodity-wise break up of Container Cargo is not available for years 2009-10 & 2010-11. In case of Chennai port, commodity-wise break up of Container Cargo and General Cargo for 2009-10 & 2010-11 are not available.

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

Table 2.1.7

**Commodity-Wise Break-Up of Container and General Cargo and Level
of Containerisation at Major Ports -Port-wise 2009-10 & 2010-11**

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		2009-10	2010-11	2009-10	2010-11	2009-10	2010-11
	2009-10	2010-11	2009-10	2010-11						
1	2	3	4	5	6	7	8	9	10	11
PORT: KOLKATA DOCK SYSTEM										
LOADED										
1. Textiles(Cotton,Silk, Synthetic)Yarn etc.	25	22	25	22	0.99	0.79	0.73	0.58	100.00	100.00
2. Metal & Metal products	71	63	71	63	2.80	2.25	2.08	1.66	100.00	100.00
3. Tea & Coffee	124	137	124	137	4.89	4.89	3.64	3.61	100.00	100.00
4. Foodgrain (Cereals and Pulses)	27	26	27	30	1.07	0.93	0.79	0.79	100.00	86.67
5. Marine products	42	0	42	0	1.66	0.00	1.23	0.00	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, Harberdashery and Millinary.	21	8	21	8	0.83	0.29	0.62	0.21	100.00	100.00
10. Machinery,Instruments Transport equipments.	42	39	49	45	1.66	1.39	1.44	1.18	85.71	86.67
11. Drugs and Medicines.	20	21	20	21	0.79	0.75	0.59	0.55	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.	3	4	3	4	0.12	0.14	0.09	0.11	100.00	100.00
14. Chemicals	16	22	16	22	0.63	0.79	0.47	0.58	100.00	100.00
15. Dry Fruits	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16. Jute & its Products	177	296	177	296	6.99	10.58	5.20	7.79	100.00	100.00
17. Leather & its Products	58	31	58	31	2.29	1.11	1.70	0.82	100.00	100.00
18. Others	1514	1734	2380	2725	59.75	61.95	69.86	71.71	63.61	63.63
a). Iron & Steel	315	341	388	359	12.43	12.18	11.39	9.45	81.19	94.99
b). Cast Iron Goods	0	0	0	0	0.00	0.00	0.00	0.00	-	-
c). Miscellaneous	1199	1393	1992	2366	47.32	49.77	58.47	62.26	60.19	58.88
19. All Commodities	2140	2403	3013	3404	84.45	85.85	88.44	89.58	71.03	70.59
20. Tare Weight	394	396	394	396	15.55	14.15	11.56	10.42	100.00	100.00
21 . Transhipment incl.tare wt.	(a)	(a)	(a)	(a)	-	-	-	-	-	-
	2534	2799	3407	3800	100.00	100.00	100.00	100.00	74.38	73.66

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

Table 2.1.7

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2009-10 & 2010-11

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							
	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11
1	2	3	4	5	6	7	8	9	10	11
PORT: KOLKATA DOCK SYSTEM										
UNLOADED										
1. Iron & Steel	112	79	254	173	3.27	2.31	5.11	3.48	44.09	45.66
2. Metal & Metal Products.	190	90	190	90	5.55	2.63	3.83	1.81	100.00	100.00
3. Chemicals	502	251	502	251	14.67	7.34	10.11	5.05	100.00	100.00
4. Paper, Newsprints etc.	94	87	94	87	2.75	2.54	1.89	1.75	100.00	100.00
5. Plastic & its products	186	62	186	62	5.44	1.81	3.74	1.25	100.00	100.00
6. Machinery/Instrument and Transport equipments.	325	204	481	345	9.50	5.96	9.68	6.95	67.57	59.13
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	36	48	36	48	1.05	1.40	0.72	0.97	100.00	100.00
8. Hair and wool	22	18	22	18	0.64	0.53	0.44	0.36	100.00	100.00
9. Rubber and its products.	18	16	18	16	0.53	0.47	0.36	0.32	100.00	100.00
10.Oil, fats etc.	70	74	70	74	2.05	2.16	1.41	1.49	100.00	100.00
11.Woodpulp.	1	23	1	23	0.03	0.67	0.02	0.46	100.00	100.00
4. Foodgrain (Cereals and Pulses)	347	229	1567	1183	10.14	6.69	31.55	23.82	22.14	19.36
13.Fertiliser & FRM	0	0	47	62	0.00	0.00	0.95	1.25	0.00	0.00
14.Industrial Alcohol & Spirits (Non-potable)	0	0	0	0	0.00	0.00	0.00	0.00	-	0.00
15.Drugs & Medicines	0	153	0	153	0.00	4.47	0.00	3.08	-	100.00
16.Timber & Log	110	97	762	794	3.22	2.84	15.34	15.99	14.44	12.22
17.Others	1665	1575	1899	1169	48.67	46.04	38.23	23.54	87.68	134.73
a) Electric Goods	278	96	278	96	8.13	2.81	5.60	1.93	100.00	100.00
b) Metal Strap	93	17	93	17	2.72	0.50	1.87	0.34	100.00	100.00
c) Miscellaneous	1294	1462	1528	1056	37.83	42.74	30.76	21.26	84.69	138.45
18. All Commodities	3678	3006	6129	4548	107.51	87.87	123.39	91.56	60.01	66.09
19. Tare Weight(a)	433	415	433	419	12.66	12.13	8.72	8.44	100.00	99.05
20 .Transshipment incl. tare wt.	-	-	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	4111	3421	6562	4967	100.00	100.00	100.00	100.00	62.65	68.87

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

Table 2.1.7
(Contd...)

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports -Port-wise 2009-10 & 2010-11

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		2009-10	2010-11	2009-10	2010-11	2009-10	2010-11
	2009-10	2010-11	2009-10	2010-11						
1	2	3	4	5	6	7	8	9	10	11
PORT:HALDIA DOCK COMPLEX										
LOADED										
1. Textiles(Cotton,Silk, Synthetic)Yarn etc.	1	1	1	1	0.07	0.07	0.07	0.07	100.00	100.00
2. Metal & Metal products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
3. Tea & Coffee	7	21	7	21	0.46	1.39	0.46	1.38	100.00	100.00
4. Foodgrain (Cereals and Pulses)	41	32	41	32	2.71	2.12	2.69	2.10	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.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
10. Machinery,Instruments Transport equipments.	0	2	0	2	0.00	0.13	0.00	0.13	-	-
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	2	4	2	4	0.13	0.26	0.13	0.26	100.00	100.00
15.Dry Fruits	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16.Jute & its Products	3	6	3	6	0.20	0.40	0.20	0.39	100.00	100.00
17.Leanther & its Products	1	1	1	1	0.07	0.07	0.07	0.07	100.00	100.00
18.Others	794	1266	873	1277	52.51	83.73	57.32	83.85	90.95	99.14
a) Iron Goods	0	0	0	0	0.00	0.00	0.00	0.00	-	-
b) Iron & Steel	451	373	544	383	29.83	24.67	35.72	25.15	82.90	97.39
c). Miscellaneous	343	893	329	894	22.69	59.06	21.60	58.70	104.26	99.89
19. All Commodities	849	1333	928	1344	56.15	88.16	60.93	88.25	91.49	99.18
20. Tare Weight	114	179	114	179	7.54	11.84	7.49	11.75	100.00	100.00
21. Transhipment incl. tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	963	1512	1042	1523	100.00	100.00	100.00	100.00	92.42	99.28

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

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2009-10 & 2010-11

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		2009-10	2010-11	2009-10	2010-11	2009-10	2010-11
	2009-10	2010-11	2009-10	2010-11						
1	2	3	4	5	6	7	8	9	10	11
PORT:HALDIA DOCK COMPLEX										
UNLOADED										
1. Iron & Steel	201	66	368	199	15.19	4.99	23.51	12.72	54.62	33.17
2. Metal & Metal Products.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
3. Chemicals	64	18	64	18	4.84	1.36	4.09	1.15	100.00	100.00
4. Paper, Newsprints etc.	144	54	144	54	10.88	4.08	9.20	3.45	100.00	100.00
5. Plastic & its products	106	104	106	104	8.01	7.86	6.77	6.65	100.00	100.00
6. Machinery/Instrument and Transport equipments.	34	103	177	114	2.57	7.79	11.31	7.28	19.21	90.35
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.	53	71	53	71	4.01	5.37	3.39	4.54	100.00	100.00
10.Oil, fats etc.	8	14	8	14	0.60	1.06	0.51	0.89	100.00	100.00
11.Woodpulp.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
4. Foodgrain (Cereals and Pulses)	22	4	22	4	1.66	0.30	1.41	0.26	100.00	100.00
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	11	6	11	6	0.83	0.45	0.70	0.38	100.00	100.00
17.Others	337	732	337	830	25.47	55.33	21.53	53.04	100.00	88.19
a) Soda Ash	0	0	0	0	0.00	0.00	0.00	0.00	-	-
b) Waste Paper	0	0	0	0	0.00	0.00	0.00	0.00	-	-
c) Miscellaneous	337	732	337	830	25.47	55.33	21.53	53.04	100.00	88.19
18. All Commodities	980	1172	1290	1414	74.07	88.59	82.43	90.35	75.97	82.89
19. Tare Weight	125	151	125	151	9.45	11.41	7.99	9.65	100.00	100.00
20. Transshipment incl tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-

Table 2.1.7
(Contd...)

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports -Port-wise 2009-10 & 2010-11

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		2009-10	2010-11	2009-10	2010-11	2009-10	2010-11
	2009-10	2010-11	2009-10	2010-11						
1	2	3	4	5	6	7	8	9	10	11
PORT : PARADIP										
LOADED										
1. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
2. Metal & Metal products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
3. Tea & Coffee	0	0	0	0	0.00	0.00	0.00	0.00	-	-
4. Foodgrain (Cereals and Pulses)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
5. Marine products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
6. Fodder	0	0	0	0	0.00	0.00	0.00	0.00	-	-
7. Fruits & Vegetables.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
8. Spices	0	0	0	0	0.00	0.00	0.00	0.00	-	-
9. Hosiery, Harberdasherry and Millinary.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
10. Machinery, Instruments Transport equipments.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
11. Drugs and Medicines.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
12. Dyes and Colours.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
13. Oil seeds, fats etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
14. Chemicals	0	0	0	0	0.00	0.00	0.00	0.00	-	-
15. Dry Fruits	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16. Jute & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
17. Leather & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
18. Others	48	61	78	61	72.73	92.42	118.18	92.42	61.54	100.00
a). Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
b). Al. Ingot	0	0	0	0	0.00	0.00	0.00	0.00	-	-
c). Miscellaneous	48	61	78	61	72.73	92.42	118.18	92.42	61.54	100.00
19. All Commodities	48	61	78	61	72.73	92.42	118.18	92.42	61.54	100.00
20. Tare Weight	4	5	4	5	6.06	7.58	6.06	7.58	-	-
21. Transshipment incl tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	52	66	82	66	100.00	100.00	100.00	100.00	63.41	100.00

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

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2009-10 & 2010-11

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		2009-10	2010-11	2009-10	2010-11	2009-10	2010-11
	2009-10	2010-11	2009-10	2010-11						
1	2	3	4	5	6	7	8	9	10	11
PORT : PARADIP										
UNLOADED										
1. Iron & Steel	0	0	136	83	-	-	58.12	35.47	0.00	0.00
2. Metal & Metal Products.	0	0	0	0	-	-	0.00	0.00	-	-
3. Chemicals	0	0	0	0	-	-	0.00	0.00	-	-
4. Paper, Newsprints etc.	0	0	0	0	-	-	0.00	0.00	-	-
5. Plastic & its products	0	0	0	0	-	-	0.00	0.00	-	-
6. Machinery/Instrument and Transport equipments.	0	0	0	0	-	-	0.00	0.00	-	-
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0	0	0	0	-	-	0.00	0.00	-	-
8. Hair and wool	0	0	0	0	-	-	0.00	0.00	-	-
9. Rubber and its products.	0	0	0	0	-	-	0.00	0.00	-	-
10.Oil, fats etc.	0	0	0	0	-	-	0.00	0.00	-	-
11.Woodpulp.	0	0	0	0	-	-	0.00	0.00	-	-
4. Foodgrain (Cereals and Pulses)	0	0	0	0	-	-	0.00	0.00	-	-
13.Fertiliser & FRM	0	0	0	0	-	-	0.00	0.00	-	-
14.Industrial Alcohol & Spirits (Non-potable)	0	0	0	0	-	-	0.00	0.00	-	-
15.Drugs & Medicines	0	0	0	0	-	-	0.00	0.00	-	-
16.Timber & Log	0	0	0	0	-	-	0.00	0.00	-	-
17.Others	0	0	3	0	-	0.00	1.28	0.00	0.00	-
a)Care Cargo	0	0	0	0	-	0.00	0.00	0.00	-	-
b) Edible Oil	0	0	0	0	-	0.00	0.00	0.00	-	-
c) Miscellaneous	0	0	3	0	-	0.00	1.28	0.00	0.00	-
18. All Commodities	0	0	139	231	-	0.00	59.40	98.72	0.00	0.00
19. Tare Weight	0	3	0	3	-	0.23	0.00	1.28	-	-
20. Transhipment incl.tare wt.	0	0	0	0	-	0.00	0.00	0.00	-	-

Table 2.1.7
(Contd...)

**Commodity-Wise Break-Up of Container and General Cargo and Level
of Containerisation at Major Ports -Port-wise 2009-10 & 2010-11**

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							
	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11
1	2	3	4	5	6	7	8	9	10	11
PORT:VISAKHAPATNAM										
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)	94	41	...	...	4.56	1.99	...	...
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. Leather & its Products	0	0	...	...	0.00	0.00	...	...
18. Others	1243	1858	...	...	60.28	90.11	...	...
a) Cement	45	0	...	...	2.18	0.00	...	...
b) Sugar	0	12	...	...	0.00	0.58	...	...
c) Granite	153	144	...	...	7.42	6.98	...	...
d) Miscellaneous	1045	1702	...	...	50.68	82.54	...	...
20. All Commodities	771	1167	1337	1899	57.97	87.74	64.84	92.10	57.67	61.45
21. Tare Weight	113	163	113	163	8.50	12.26	5.48	7.90	100.00	100.00
22. Transhipment incl.tare wt.	-	-	-	-	0.00	0.00	0.00	0.00	-	-
Grand Total	884	1330	1450	2062	100.00	100.00	100.00	100.00	60.97	64.50

Note : For Visakhapatnam port commodity-wise break up of Container Cargo for 2009-10 & 2010-11 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 - 2009-10 & 2010-11

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		2009-10	2010-11	2009-10	2010-11	2009-10	2010-11
	2009-10	2010-11	2009-10	2010-11						
1	2	3	4	5	6	7	8	9	10	11
PORT : VISAKHAPATNAM										
UNLOADED										
1. Iron & Steel	67	24	...	...	4.26	1.53	...	...
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)	95	0	...	...	6.04	0.00	...	...
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	170	166	...	...	10.81	10.56	...	...
17.Others	913	1219	...	...	58.08	77.54	...	...
a) Carbon Materials	0	0	...	...	0.00	0.00	...	...
b) Miscellaneous	913	1219	0.00	0.00	58.08	77.54	...	...
19. All Commodities	692	1094	1245	1409	55.72	88.08	79.20	89.63	55.58	77.64
20. Tare Weight	102	148	102	163	8.21	11.92	6.49	10.37	100.00	90.80
21. Transshipment incl. tare wt.	-	-	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	794	1242	1347	1572	100.00	100.00	100.00	100.00	58.95	79.01

Table 2.1.7
(Contd...)

**Commodity-Wise Break-Up of Container and General Cargo and Level
of Containerisation at Major Ports -Port-wise 2009-10 & 2010-11**

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		2009-10	2010-11	2009-10	2010-11	2009-10	2010-11
	2009-10	2010-11	2009-10	2010-11						
1	2	3	4	5	6	7	8	9	10	11
PORT : CHENNAI										
LOADED										
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	11410	14381	12506	15938	79.34	100.00	78.47	100.00	0.50	0.63
21. Tare Weight	1117	1604	1117	1604	7.77	11.15	7.01	10.06	0.05	0.07
22. Transshipment incl. tare wt.	-	-	0.00	0.00	0.00	0.00	0.00	0.00
Grand Total	11410	14381	12506	15938	100.00	100.00	100.00	100.00	91.24	90.23

Note: For Chennai port commodity-wise break up of Container and General Cargo for 2009-10 & 2010-11 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 - 2009-10 & 2010-11

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		2009-10	2010-11	2009-10	2010-11	2009-10	2010-11
	2009-10	2010-11	2009-10	2010-11						
1	2	3	4	5	6	7	8	9	10	11
PORT : CHENNAI										
UNLOADED										
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	10527	13373	12058	14983	69.99	88.92	72.42	89.99	87.30	89.25
20. Tare Weight	1540	1667	1540	1667	10.24	11.08	9.25	10.01	100.00	100.00
21. Transhipment incl. tare wt.	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00
	12067	15040	13598	16650	100.00	100.00	100.00	100.00	88.74	90.33

Table 2.1.7
(Contd...)

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports -Port-wise 2009-10 & 2010-11

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		2009-10	2010-11	2009-10	2010-11	2009-10	2010-11
	2009-10	2010-11	2009-10	2010-11						
1	2	3	4	5	6	7	8	9	10	11
PORT : TUTICORIN										
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)	150	38	...	...	2.45	0.62	-	-
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.	18	0	...	...	0.29	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	182	136	...	...	2.97	2.22	...	...
15. Dry Fruits	0	0	...	...	0.00	0.00	...	...
16. Jute & its Products	0	0	...	...	0.00	0.00	...	...
17. Leather & its Products	0	0	...	...	0.00	0.00	...	...
18. Others	3397	5483	...	...	55.46	89.52	...	...
20. All Commodities	2957	4463	3747	5657	59.97	90.51	61.18	92.36	78.92	78.89
21. Tare Weight	439	468	439	468	8.90	9.49	7.17	7.64	100.00	100.00
22. Transshipment incl. tare wt.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-
Grand Total	3396	4931	4186	6125	100.00	100.00	100.00	100.00	81.13	80.51

Note : For Tuticorin port commodity-wise break up of Container Cargo for 2009-10 & 2010-11 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 - 2009-10 & 2010-11

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		2009-10	2010-11	2009-10	2010-11	2009-10	2010-11
	2009-10	2010-11	2009-10	2010-11						
1	2	3	4	5	6	7	8	9	10	11
PORT : TUTICORIN										
UNLOADED										
1. Iron & Steel	0	0	...	...	0.00	0.00	...	...
2. Metal & Metal Products.	0	0	...	...	0.00	0.00	...	...
3. Chemicals	0	80	...	...	0.00	1.91	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.	10	31	...	...	0.24	0.74	...	...
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.	225	241	...	...	5.37	5.76	0.00	0.00
11.Woodpulp.	0	0	...	...	0.00	0.00	...	...
12. Foodgrain (Cereals and Pulses)	0	240	...	...	0.00	5.73	0.00	0.00
13.Fertiliser & FRM	2081	2000	...	...	49.70	47.77	0.00	0.00
14.Industrial Alcohol & Spirits (Non-potable)	0	0	...	...	0.00	0.00	...	...
15.Drugs & Medicines	0	66	...	...	0.00	1.58	0.00	0.00
16.Timber & Log	526	658	...	...	12.56	15.72	0.00	0.00
17.Others	0	0	...	...	0.00	0.00	...	...
19. All Commodities	2788	2799	4106	3748	86.10	86.44	98.07	89.52	67.90	74.68
20. Tare Weight	415	439	415	439	12.82	13.56	9.91	10.48	100.00	100.00
21. Transshipment incl. tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	...	...
Grand Total	3203	3238	4521	4187	100.00	100.00	100.00	100.00	70.85	77.33

Table 2.1.7
(contd...)

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports -Port-wise 2009-10 & 2010-11

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		2009-10	2010-11	2009-10	2010-11	2009-10	2010-11
	2009-10	2010-11	2009-10	2010-11						
1	2	3	4	5	6	7	8	9	10	11
PORT : COCHIN										
LOADED										
1. Textiles(Cotton,Silk,Synthetic)Yarn etc.	1	0	1	0	0.05	0.00	0.05	0.00	100.00	-
2. Metal & Metal products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
3. Tea & Coffee	12	196	12	196	0.55	9.00	0.55	8.99	100.00	100.00
4. Foodgrain (Cereals and Pulses)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
5. Marine products	130	169	130	169	5.97	7.76	5.97	7.76	100.00	100.00
6. Fodder	0	0	0	0	0.00	0.00	0.00	0.00	-	-
7. Fruits & Vegetables.	1	0	1	0	0.05	0.00	0.05	0.00	100.00	-
8. Spices	67	67	67	67	3.08	3.08	3.07	3.07	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.	33	18	33	18	1.52	0.83	1.51	0.83	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	2	3	2	3	0.09	0.14	0.09	0.14	100.00	100.00
15. Dry Fruits	54	64	54	64	2.48	2.94	2.48	2.94	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	1278	1141	1278	1143	58.70	52.41	58.65	52.46	100.00	99.83
a) Rubber	70	103	70	103	3.22	4.73	3.21	4.73	100.00	100.00
b). Coir Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
c). Iron & Steel	3	3	3	3	0.14	0.14	0.14	0.14	100.00	100.00
d). Mineral Sand	0	0	0	0	0.00	0.00	0.00	0.00	-	-
e). Miscellaneous	1205	1035	1205	1037	55.35	47.54	55.30	47.59	100.00	99.81
19. All Commodities	1578	1658	1578	1660	72.49	76.16	72.42	76.18	100.00	99.88
20. Tare Weight	305	309	305	309	14.01	14.19	14.00	14.18	100.00	100.00
21 Transhipment Incl .Tare Wt.	77	210	77	210	3.54	9.65	3.53	9.64	100.00	100.00
Grand Total	1960	2177	1960	2179	100.00	100.00	100.00	100.00	100.00	99.91

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

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2009-10 & 2010-11

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		2009-10	2010-11	2009-10	2010-11	2009-10	2010-11
	2009-10	2010-11	2009-10	2010-11						
1	2	3	4	5	6	7	8	9	10	11
PORT : COCHIN										
UNLOADED										
1. Iron & Steel	5	13	14	12	0.22	0.58	0.54	0.47	35.71	108.33
2. Metal & Metal Products.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
3. Chemicals	25	23	25	23	1.12	1.03	0.97	0.89	100.00	100.00
4. Paper, Newsprints etc.	85	51	85	51	3.79	2.27	3.30	1.98	100.00	100.00
5. Plastic & its products	3	0	3	0	0.13	0.00	0.12	0.00	100.00	-
6. Machinery/Instrument and Transport equipments.	12	6	12	6	0.54	0.27	0.47	0.23	100.00	100.00
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	7	4	7	4	0.31	0.18	0.27	0.16	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.	43	81	43	81	1.92	3.61	1.67	3.14	100.00	100.00
10.Oil, fats etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
11.Woodpulp.	1	0	1	0	0.04	0.00	0.04	0.00	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	428	0.00	0.00	0.00	16.61	-	-
14.Industrial Alcohol & Spirits (Non-potable)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
15.Drugs & Medicines	2	0	2	0	0.09	0.00	0.08	0.00	100.00	-
16.Timber & Log	0	0	77	61	0.00	0.00	2.99	2.37	0.00	0.00
17.Others	1402	1535	1444	1381	62.53	68.47	56.06	53.61	97.09	111.15
a) Cement	0	0	0	0	0.00	0.00	0.00	0.00	-	-
b) Cashew	287	317	287	317	12.80	14.14	11.14	12.31	100.00	100.00
c). Cement Clinker	0	0	21	0	0.00	0.00	0.82	0.00	0.00	-
d) Miscellaneous	1115	1218	1136	1064	49.73	54.33	44.10	41.30	98.15	114.47
18. All Commodities	1585	1713	1713	2047	70.70	76.40	66.50	79.46	92.53	83.68
19. Tare Weight	308	319	308	319	13.74	14.23	11.96	12.38	100.00	100.00
20 Transhipment incl. Tare Wt.	76	210	76	210	3.39	9.37	2.95	8.15	100.00	100.00

Table 2.1.7
(Contd...)**Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports -Port-wise 2009-10 & 2010-11**

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		2009-10	2010-11	2009-10	2010-11	2009-10	2010-11
	2009-10	2010-11	2009-10	2010-11						
1	2	3	4	5	6	7	8	9	10	11
PORT : NEW MANGALORE										
LOADED										
1. Textiles(Cotton,Silk,Synthetic)Yarn etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
2. Metal & Metal products	5	4	5	4	1.45	1.16	1.23	0.99	100.00	100.00
3. Tea & Coffee	71	111	71	111	20.64	32.27	17.53	27.41	100.00	100.00
4. Foodgrain (Cereals and Pulses)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
5. Marine products	35	41	35	41	10.17	11.92	8.64	10.12	100.00	100.00
6. Fodder	31	63	31	63	9.01	18.31	7.65	15.56	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	39	21	0.29	0.29	9.63	5.19	2.56	4.76
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	11	0	11	0.00	3.20	0.00	2.72	-	100.00
14. Chemicals	4	4	4	4	1.16	1.16	0.99	0.99	100.00	100.00
15. Dry Fruits	8	7	8	7	2.33	2.03	1.98	1.73	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	52	58	70	99	15.12	16.86	17.28	24.44	74.29	58.59
a) Granite Stones	0	4	0	4	0.00	1.16	0.00	0.99	-	100.00
b) Sugar	0	0	0	0	0.00	0.00	0.00	0.00	-	-
c). Miscellaneous	52	54	70	95	15.12	15.70	17.28	23.46	74.29	56.84
19. All Commodities	207	300	263	361	60.17	87.21	64.94	89.14	78.71	83.10
20. Tare Weight	34	44	34	44	9.88	12.79	8.40	10.86	100.00	100.00
21 Transhipment Incl tare Wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	241	344	297	405	100.00	100.00	100.00	100.00	81.14	84.94

Table 2.1.7

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2009-10 & 2010-11

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		2009-10	2010-11	2009-10	2010-11	2009-10	2010-11
	2009-10	2010-11	2009-10	2010-11						
1	2	3	4	5	6	7	8	9	10	11
PORT : NEW MANGALORE										
UNLOADED										
1. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
2. Metal & Metal Products.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
3. Chemicals	3	8	3	8	1.28	3.57	0.43	1.15	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.	4	9	22	38	1.71	4.02	3.17	5.48	18.18	23.68
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		0.00	0.00	0.00	0.00	-	-
12. Foodgrain (Cereals and Pulses)	3	4	3	4	1.28	1.79	0.43	0.58	100.00	100.00
13.Fertiliser & FRM	0	3	0	79	0.00	1.34	0.00	11.40	-	-
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	14	27	185	215	5.98	12.05	26.70	31.02	7.57	12.56
17.Others	175	129	501	305	74.79	57.59	72.29	44.01	34.93	42.30
a) Cashew	130	104	130	130	55.56	46.43	18.76	18.76	100.00	80.00
b) Cement	0	0	0	0	0.00	0.00	0.00	0.00	-	-
c) Miscellaneous	45	25	371	175	19.23	11.16	53.54	25.25	12.13	14.29
18. All Commodities	199	180	714	649	85.04	80.36	103.03	93.65	27.87	27.73
19. Tare Weight	35	44	35	44	14.96	19.64	5.05	6.35	100.00	100.00
20 . Transshipmentincl. tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-

Table 2.1.7
(Contd...)

**Commodity-Wise Break-Up of Container and General Cargo and Level
of Containerisation at Major Ports -Port-wise 2009-10 & 2010-11**

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		2009-10	2010-11	2009-10	2010-11	2009-10	2010-11
	2009-10	2010-11	2009-10	2010-11						
1	2	3	4	5	6	7	8	9	10	11
PORT : MORMUGAO										
LOADED										
1. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
2. Metal & Metal products	7	0	7	0	7.37	0.00	1.48	0.00	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.	2	0	2	0	2.11	0.00	0.42	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.	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	4	0	4	0	4.21	0.00	0.84	0.00	100.00	-
15.Dry Fruits	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16.Jute & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
17.Leaner & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
18.Others	58	77	420	456	61.05	81.05	88.61	96.20	13.81	16.89
a) Frozen Fish	0	37	0	37	0.00	38.95	0.00	7.81	-	100.00
b) Alumina	0	0	0	37	0.00	0.00	0.00	7.81	-	-
c) H. R. Coils	0	0	0	0	0.00	0.00	0.00	0.00	-	-
d). Miscellaneous	58	40	420	382	61.05	42.11	88.61	80.59	13.81	10.47
19. All Commodities	71	77	433	456	74.74	81.05	91.35	96.20	16.40	16.89
20. Tare Weight	18	18	18	18	18.95	18.95	3.80	3.80	100.00	100.00
21. Transhipment incl. tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	89	95	451	474	93.68	100.00	100.00	100.00	19.73	20.04

Table 2.17

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2009-10 & 2010-11

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							
	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11
1	2	3	4	5	6	7	8	9	10	11
PORT : MORMUGAO										
UNLOADED										
1. Iron & Steel	0	0	2	0	0.00	0.00	1.12	0.00	0.00	-
2. Metal & Metal Products.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
3. Chemicals	0	0	0	0	0.00	0.00	0.00	0.00	-	-
4. Paper, Newsprints etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
5. Plastic & its products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
6. Machinery/Instrument and Transport equipments.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
8. Hair and wool	0	0	0	0	0.00	0.00	0.00	0.00	-	-
9. Rubber and its products.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
10.Oil, fats etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
11.Woodpulp.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
12. Foodgrain (Cereals and Pulses)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
13.Fertiliser & FRM	0	0	0	0	0.00	0.00	0.00	0.00	-	-
14.Industrial Alcohol & Spirits (Non-potable)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
15.Drugs & Medicines	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16.Timber & Log	0	0	0	0	0.00	0.00	0.00	0.00	-	-
17.Others	120	105	167	159	96.00	84.00	93.30	88.83	71.86	66.04
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	120	105	167	159	96.00	84.00	93.30	88.83	71.86	66.04
18. All Commodities	120	105	169	159	96.00	84.00	94.41	88.83	71.01	66.04
19. Tare Weight	20	20	20	20	16.00	16.00	11.17	11.17	100.00	100.00
20. Transhipment incl. tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-

Table 2.1.7
(Contd...)

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports -Port-wise 2009-10 & 2010-11

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		2009-10	2010-11	2009-10	2010-11	2009-10	2010-11
	2009-10	2010-11	2009-10	2010-11						
1	2	3	4	5	6	7	8	9	10	11
PORT : J. L. NEHRU										
LOADED										
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	19814	22127	19817	22131	73.48	82.06	73.48	82.06	...	...
20. All Commodities	19814	22127	19817	22131	73.48	82.06	73.48	82.06	99.98	99.98
21. Tare Weight	4012	4267	4012	4267	14.88	15.82	14.88	15.82	100.00	100.00
22. Transshipment incl. tare wt.	783	572	783	572	2.90	2.12	2.90	2.12	100.00	100.00
Grand Total	24609	26966	24612	26970	100.00	100.00	100.00	100.00	99.99	99.99

Note: For J.L.Nehru port commodity-wise break up of Container Cargo for 2009-10 & 2010-11 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 - 2009-10 & 2010-11

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		2009-10	2010-11	2009-10	2010-11	2009-10	2010-11
	2009-10	2010-11	2009-10	2010-11						
1	2	3	4	5	6	7	8	9	10	11
PORT : J. L. NEHRU										
UNLOADED										
1. Iron & Steel	...	...	...	...	0.00	0.00	...	...	...	...
2. Metal & Metal Products.	...	...	...	...	0.00	0.00	...	...	...	...
3. Chemicals	...	...	...	...	0.00	0.00	...	...	...	...
4. Paper, Newsprints etc.	...	...	...	...	0.00	0.00	...	...	...	...
5. Plastic & its products	...	...	...	...	0.00	0.00	...	...	...	...
6. Machinery/Instrument and Transport equipments.	...	...	...	...	0.00	0.00	...	...	...	...
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	...	...	...	...	0.00	0.00	...	...	...	...
8. Hair and wool	...	...	...	...	0.00	0.00	...	...	...	...
9. Rubber and its products.	...	...	...	...	0.00	0.00	...	...	...	...
10.Oil, fats etc.	...	...	...	...	0.00	0.00	...	...	...	...
11.Woodpulp.	...	...	...	...	0.00	0.00	...	...	...	...
4. Foodgrain (Cereals and Pulses)	...	...	...	...	0.00	0.00	...	...	...	...
13.Fertiliser & FRM	...	...	...	...	0.00	0.00	...	...	...	...
14.Industrial Alcohol & Spirits (Non-potable)	...	...	...	...	0.00	0.00	...	...	...	...
15.Drugs & Medicines	...	...	...	...	0.00	0.00	...	...	...	...
16.Timber & Log	...	...	...	...	0.00	0.00	...	...	...	...
17. Others	22814	23799	22831	24010	77.44	80.78	76.95	80.92	99.93	99.12
19. All Commodities	22814	23799	22831	24010	77.44	80.78	76.95	80.92	99.93	99.12
20. Tare Weight	4100	4312	4100	4312	13.92	14.64	13.82	14.53	100.00	100.00
21. Transshipment incl tare wt.	1573	1349	1573	1349	5.34	4.58	5.30	4.55	100.00	100.00
Grand Total	28487	29460	28504	29671	100.00	100.00	100.00	100.00	99.94	99.29

Note: For J.L.Nehru port commodity-wise break up of Container Cargo for 2009-10 & 2010-11 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 2009-10 & 2010-11

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							
	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11
1	2	3	4	5	6	7	8	9	10	11
PORT : KANDLA										
LOADED										
1. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0.00	0.00	0.00	0.00	...	...
2. Metal & Metal products	0.00	0.00	0.00	0.00	...	...
3. Tea & Coffee	0.00	0.00	0.00	0.00	...	...
4. Foodgrain (Cereals and Pulses)	0.00	0.00	0.00	0.00	...	...
5. Marine products	0.00	0.00	0.00	0.00	...	...
6. Fodder	0.00	0.00	0.00	0.00	...	...
7. Fruits & Vegetables.	0.00	0.00	0.00	0.00	...	...
8. Spices	0.00	0.00	0.00	0.00	...	...
9. Hosiery, Harberdasherry and Millinary.	0.00	0.00	0.00	0.00	...	...
10. Machinery,Instruments Transport equipments.	0.00	0.00	0.00	0.00	...	...
11.Drugs and Medicines.	0.00	0.00	0.00	0.00	...	...
12.Dyes and Colours.	0.00	0.00	0.00	0.00	...	...
13.Oil seeds,fats etc.	0.00	0.00	0.00	0.00	...	...
14.Chemicals	0.00	0.00	0.00	0.00	...	...
15.Dry Fruits	0.00	0.00	0.00	0.00	...	...
16.Jute & its Products	0.00	0.00	0.00	0.00	...	...
17.Leanther & its Products	0.00	0.00	0.00	0.00	...	...
18.Others	2302	2963	0.00	0.00	77.64	99.93	0.00	0.00
a) Ores	0.00	0.00	0.00	0.00	...	...
b) Salt	0.00	0.00	0.00	0.00	...	...
c). Iron & Steel	0.00	0.00	0.00	0.00	...	...
d). Miscellaneous	0	0	2302	2963	0.00	0.00	77.64	99.93	0.00	0.00
19. All Commodities	1436	1593	2302	2963	90.03	99.87	77.64	99.93	62.38	53.76
20. Tare Weight	1	2	1	2	0.06	0.13	0.03	0.07	100.00	100.00
21. Transshipment incl. tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	1437	1595	2303	2965	100.00	100.00	100.00	100.00	62.40	53.79

Note: For J.L.Nehru port commodity-wise break up of Container Cargo for 2009-10 & 2010-11 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 - 2009-10 & 2010-11

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		2009-10	2010-11	2009-10	2010-11	2009-10	2010-11
	2009-10	2010-11	2009-10	2010-11						
1	2	3	4	5	6	7	8	9	10	11
PORT : KANDLA										
UNLOADED										
1. Iron & Steel	...	...	...	...	0.00	0.00	0.00	0.00	...	...
2. Metal & Metal Products.	...	...	...	...	0.00	0.00	0.00	0.00	...	...
3. Chemicals	...	...	...	...	0.00	0.00	0.00	0.00	...	...
4. Paper, Newsprints etc.	...	...	...	...	0.00	0.00	0.00	0.00	...	...
5. Plastic & its products	...	...	...	...	0.00	0.00	0.00	0.00	...	...
6. Machinery/Instrument and Transport equipments.	...	...	...	...	0.00	0.00	0.00	0.00	...	...
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	...	...	...	...	0.00	0.00	0.00	0.00	...	...
8. Hair and wool	...	...	...	...	0.00	0.00	0.00	0.00	...	...
9. Rubber and its products.	...	...	...	...	0.00	0.00	0.00	0.00	...	...
10.Oil, fats etc.	...	...	...	...	0.00	0.00	0.00	0.00	...	...
11.Woodpulp.	...	...	...	...	0.00	0.00	0.00	0.00	...	...
4. Foodgrain (Cereals and Pulses)	...	...	...	...	0.00	0.00	0.00	0.00	...	...
13.Fertiliser & FRM	...	...	...	...	0.00	0.00	0.00	0.00	...	...
14.Industrial Alcohol & Spirits (Non-potable)	...	...	...	...	0.00	0.00	0.00	0.00	...	...
15.Drugs & Medicines	...	...	...	...	0.00	0.00	0.00	0.00	...	...
16.Timber & Log	...	...	...	...	0.00	0.00	0.00	0.00	...	...
17.Others	0	...	...	...	0.00	0.00	0.00	0.00	...	...
a). Mislleneous	0	...	...	...	0.00	0.00	0.00	0.00	...	...
18. All Commodities	993	989	6915	5716	100.20	99.80	120.93	99.97	1.75	1.75
19. Tare Weight	2	2	2	2	0.20	0.20	0.03	0.03	0.00	0.00
20. Transhipment incl.tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	...	...

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

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports -Port-wise 2009-10 & 2010-11

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		2009-10	2010-11	2009-10	2010-11	2009-10	2010-11
	2009-10	2010-11	2009-10	2010-11						
1	2	3	4	5	6	7	8	9	10	11
PORT : MUMBAI										
LOADED										
1. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
2. Metal & Metal products	2	2	339	269	2.30	2.30	26.63	21.13	0.59	0.74
3. Tea & Coffee	0	0	0	0	0.00	0.00	0.00	0.00	-	-
4. Foodgrain (Cereals and Pulses)	0	0	15	0	0.00	0.00	1.18	0.00	0.00	-
5. Marine products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
6. Fodder	4	0	4	0	4.60	0.00	0.31	0.00	100.00	-
7. Fruits & Vegetables.	14	0	14	4	16.09	0.00	1.10	0.31	100.00	0.00
8. Spices	0	0	0	0	0.00	0.00	0.00	0.00	-	-
9. Hosiery, Harberdasherry and Millinary.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
10. Machinery,Instruments Transport equipments.	1	0	277	43	1.15	0.00	21.76	3.38	0.36	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	1	0	1	0.00	1.15	0.00	0.08	-	100.00
14.Chemicals	2	0	19	7	2.30	0.00	1.49	0.55	10.53	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.Leanther & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
18.Others	16	77	474	942	18.39	88.51	37.23	74.00	3.38	8.17
a) Instrument	0	0	0	0	0.00	0.00	0.00	0.00	-	-
b) Paint etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
c) Iron & Steel	0	0	323	363	0.00	0.00	25.37	28.52	0.00	0.00
d) Sugar	0	0	0	0	0.00	0.00	0.00	0.00	-	-
e) Miscellaneous	16	77	151	579	18.39	88.51	11.86	45.48	10.60	13.30
19. All Commodities	39	80	1142	1266	44.83	91.95	89.71	99.45	3.42	6.32
20. Tare Weight	19	7	19	7	21.84	8.05	1.49	0.55	100.00	100.00
21. Transhipment incl.tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	58	87	1161	1273	100.00	100.00	100.00	100.00	5.00	6.83

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

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2009-10 & 2010-11

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		2009-10	2010-11	2009-10	2010-11	2009-10	2010-11
	2009-10	2010-11	2009-10	2010-11						
1	2	3	4	5	6	7	8	9	10	11
PORT : MUMBAI										
UNLOADED										
1. Iron & Steel	20	36	1600	2094	3.53	6.36	11.41	14.93	1.25	1.72
2. Metal & Metal Products.	51	69	2317	2267	9.01	12.19	16.52	16.16	2.20	3.04
3. Chemicals	6	37	22	51	1.06	6.54	0.16	0.36	27.27	72.55
4. Paper, Newsprints etc.	4	7	6	8	0.71	1.24	0.04	0.06	66.67	87.50
5. Plastic & its products	10	12	13	12	1.77	2.12	0.09	0.09	76.92	100.00
6. Machinery/Instrument and Transport equipments.	28	25	297	312	4.95	4.42	2.12	2.22	9.43	8.01
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	1	2	1	2	0.18	0.35	0.01	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.	3	2	3	2	0.53	0.35	0.02	0.01	100.00	100.00
10.Oil, fats etc.		0		0	0.00	0.00	0.00	0.00	-	-
11.Woodpulp.	2	0	202	130	0.35	0.00	1.44	0.93	0.99	0.00
4. Foodgrain (Cereals and Pulses)	0	0	575	745	0.00	0.00	4.10	5.31	0.00	0.00
13.Fertiliser & FRM		0		0	0.00	0.00	0.00	0.00	-	-
14.Industrial Alcohol & Spirits (Non-potable)	0	2	10	2	0.00	0.35	0.07	0.01	0.00	100.00
15.Drugs & Medicines		0		0	0.00	0.00	0.00	0.00	-	-
16.Timber & Log		1		19	0.00	0.18	0.00	0.14	0.00	0.00
17.Others	332	254	7958	8262	58.66	44.88	56.74	58.91	4.17	3.07
a) Fruits	0	1	21	45	0.00	0.18	0.15	0.32	0.00	2.22
b) Synthetic Resin	1	0	1	0	0.18	0.00	0.01	0.00	100.00	0.00
c) Miscellaneous	331	253	7936	8217	58.48	44.70	56.58	58.59	4.17	3.08
18. All Commodities	457	447	13004	13906	80.74	78.98	92.72	99.15	3.51	3.21
19. Tare Weight	92	119	92	119	16.25	21.02	0.66	0.85	100.00	100.00
20.Transshipment incl.tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	549	566	13096	14025	100.00	100.00	100.00	100.00	4.19	4.04

Table 2.1.8

Overseas Cargo of Principal Commodities Unloaded by Country - 2010-11

(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
POL-CRUDE														
Afghanistan								124						124
Angola			133					247					529	909
Algeria				132				585						717
Australia									80				85	165
Egypt									87				240	327
Iran			268	2794		566		234	7303			321	5866	17352
Iraq			2949	94		2558						1871	8875	16347
Japan			273											273
Kuwait								2142				1154	6520	9816
Lagos			260											260
Libya						264		150						414
Malaysia		552		762		262		69					80	1725
Mauritius													245	245
Nigeria		417	1702	129				2051					6271	10570
Qatar													266	266
Russia		96												96
Saudi Arabia		935	534					192	964			5512	875	9012
Singapore			253											253
South Africa									179					179
Sudan			78						253					331
Syria									84					84
Tunisia						258								258
Turkey				134					92					226
U.A.E.		675	1344	1979				714	1336			983	3549	10580
Yemen								200	84				351	635
Other Countries			2324			5059		0	0			2539	249	10171
Total	0	2675	10118	6024	0	8967	0	6708	10462	0	0	12380	34001	91335

POL-PRODUCT

Bangladesh	18													18
Bahrain	108					26			8					142
China	17													17
France											12			12
Indonesia		10	4		64		10			14		28		130
Iran	20		25							3	155	3		206
Italy					3									3
Japan	17	16	39											72
Maldives									4					4
North Korea											526			526
South Korea	16			5						41		31		93
Kuwait	635		133						253			131		1152
Malaysia	143	22	41		7	11	12	18		10				264
Maldives			17											17
Netherland										22				22
Norway										5				5
Oman	35	45	8				49	88				43		268
Pakistan	17													17
Qatar	110		90			45								245
Saudi Arabia	642		650			47		680		3	459	304		2785
Sri Lanka	12				2									14
Singapore	500	777	353	19	420	8	400			7	106	531	303	3424
Spain											4			4
Taiwan											11		27	38
U.A.E.	219	48	88			125	38	784	279			507	82	2170
USA	11			300							55			366
Other Countries	79		22	23		124				13	16	839	68	1184
Total	79	2520	940	1471	324	620	262	509	1835	299	302	3017	1020	13198

FERTILIZER

Australia				86										86
Baharain			30											30
Canada				467			46							513
China	6	40	51	1243		111	321					407		2179
CIS (Ex. Russia)						166								166
France							29							29
Germany						33	33		31			63		160
Indonesia			39	91										130
Iran				66			27		17			496		606
Israel				61			219	29	57	24		364		754
Jordan									149	180		622		951
Latvia												454		454
Lithuania				91			69					222		382
Malaysia				14										14
Mexico												138		138
Morocco												461		461
Oman				250			98		224			457		1029
Phillipines				33										33
Qatar				28										28
Romania				27										27
Russia				489			86		174		66	525		1340
Spain				22										22
Tunisia									27			63		90
Turkey		22							21			25		68
U.A.E.												43		43
Ukraine				182			168	47	84	28		207		716
USA		211		119			63					1260		1653
Other Countries	25		16	85		124						89		339
Total	31	273	136	3354	0	434	1159	76	784	232	0	155	5807	12441

FRM-DRY

Algeria			35											35
Antigua		66												66
Bahrain							10					26		36
China											36			36
Egypt			103		46	339	13	4				342	847	
Iran	31	52	27			12	57				20	46	245	
Iraq							20						20	
Israel			113										113	
Italy												10	10	
Jordan	144	1842	16			312	107					89	2510	
Kuwait		31	25				70						126	
Libya			20										20	
Morocco		791				39	38						868	
Qatar		293	5										298	
Saudi Arabia	11		49									13	73	
Syria			12									29	41	
Sudan											66		66	
Togo			345							8	49		402	
U.A.E.		107	61			28	38					17	251	
Other Countries	31		1044		291						129	11	1506	
Total	31	186	4226	811	0	337	730	353	4	0	8	300	583	7569

FRM-LIQUID

Bahrain												8	8	
Bangladesh	4												4	
Germany												10	10	
Indonesia	4	19											23	
Iran		70	189				14					23	296	
Israel			18										18	
Japan		94	63										157	
Jordan		23							7				30	
Malaysia	53	127											180	
Morocco	303	10				16	89	98	386			57	959	
Kuwait										3			3	
Oman	12	46										20	78	
Qatar		49	3			59	8	47				15	181	
Saudi Arabia	27	210						7				90	334	
Senegal												586	586	
South Africa			63				45	65					173	
Tunisia			25										25	
USA												481	481	
U.A.E.		66	86			6	8	5					171	
Other Countries			616	11	8						59	153	847	
Total	0	403	1330	458	0	8	81	171	225	386	59	0	1443	4564

FOOD GRAIN

Australia							42					13		55
Canada				103		9						500		612
France				5										5
Iran												41		41
Jordan													5	5
USA				11										11
Other Countries	11											202		213
Total	11	0	0	119	0	9	42	0	0	0	0	756	5	942

IRON & STEEL

Australia													28	28
Bangladesh	7													7
Brazil						15						218	42	275
Belgium						25								25
China	9	32	47	21		155						1253	207	1724
CIS(Ex. Russia)						33								33
Egypt			2											2
Germany						5						186	13	204
Indonesia		23				3								26
Iran						10								10
Italy						7								7
Japan	16	28				182							358	584
South Korea		21		3								270	67	361
Malaysia						14							8	22
Romania						17							10	27
Russia												471	58	529
Singapore						11							63	74
Saudi Arabia													30	30
U.A.E.													3	3
Ukraine		13										226	48	287
USA		16				1							59	76
Other Countries	56		34			347						1418	387	2242
Total	88	133	83	24	0	825	0	0	0	0	0	4042	1381	6576

EDIBLE OIL

Argentina	290	18			5			5		240		441	999	
Bangladesh					2								2	
Brazil	62	7								7		22	98	
Canada	14												14	
CIS (Ex Russia)					315								315	
Egypt										7			7	
Indonesia	628	31			607	170		403		281	64	117	2301	
Italy	14												14	
Malaysia		7			123	71		81		13	37	13	345	
Qatar										110			110	
Singapore	8				8					13			29	
Saudi Arabia										7		5	12	
South Korea										8			8	
Spain			4										4	
Ukraine								75		118			193	
UAE										2			2	
USA										37		8	45	
Other Countries	646	15	49		9						90	10	819	
Total	646	1016	78	53	0	1069	241	0	564	0	843	191	616	5317

COAL (COKING)

Australia	4927	579	5894	103	297			432	3667			185	16084	
China					156			49	15				220	
CIS (Ex Russia)					27								27	
Indonesia	82	10	32		28			1622				126	1900	
Iran			14										14	
Japan		14											14	
Malaysia			9										9	
New Zealand	490	197	324										1011	
Russia	26	24	8						8			78	144	
Singapore									160				160	
South Africa			74					643	1073				1790	
Ukraine		29											29	
USA	485	56	989		62								1592	
Vietnam		87											87	
Other Countries	97	4949			36							21	5103	
Total	97	6010	5945	7344	103	606	0	0	2746	4923	0	0	410	28184

COAL (THERMAL)

Australia										121			199	320
Indonesia		1085		1488		1061	20			181		6350	1938	12123
Phillipines		49												49
South Africa				52			20			1331		18	719	2140
Thailand		50												50
USA													49	49
Other Countries			3266										177	3443
Total	0	0	4450	0	1540	0	1061	40	0	1633	0	6368	3082	18174

IRON ORE / PELLETS

Bahrain													107	107
China			36											36
Phillipines										55				55
Qatar													31	31
Russia													273	273
Ukrain				73										73
Total	0	0	0	109	0	0	0	0	0	55	0	0	411	575

OTHER ORES

Australia		273		250				314							837
Brazil								87							87
Canada		12													12
Chile								430							430
China	36						2								38
Indonesia		10		149				209							368
Iran								16		61					77
Japan		11													11
Mozambique								77							77
Oman										24					24
Pappu New Guinea								21							21
Peru								37							37
Singapore		43													43
South Africa		316		385				9							710
Thailand								31							31
Turkey								40							40
USA													10	10	
Other Countries	126		236					51				137			550
Total	162	665	236	784	0	2	1322	0	85	0	0	137	10	3403	

Table 2.1.9

Overseas Cargo of Principal Commodities Loaded by Country (Port-wise) - 2010-11

(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
POL-PRODUCT														
China				208		36			109				99	452
France									38					38
Indonesia						56		20			6		71	153
Japan				56				80	271		212	72	298	989
Kenya									38					38
North Korea													198	198
South Korea				125				114	232		137		142	750
Malaysia		96				287			35					418
Mauritius									1092		1		191	1284
Netherland									225					225
Oman									25					25
Russia												99		99
Saudi Arabia		5							38		1		33	77
Singapore		444		307		609		134	2239		108		3412	7253
Taiwan				62				88	218		45		183	596
U.A.E.		14							247		126		604	991
UK						6		192						198
USA											27	4		31
Yemen									38					38
Other Countries	98					128		358				2718	914	4216
Total	98	559	0	758	0	1122	0	986	4845	0	663	2893	6145	18069

Table 2.1.9 (Contd.)

Overseas Cargo of Principal Commodities Loaded by Country (Port-wise) - 2010-11

(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
FOOD GRAIN														
Indonesia						11								11
Iran													177	177
Jordan									18					18
Kuwait													81	81
Malaysia				12		4	14							30
Maldives							1							1
Saudi Arabia													238	238
Sudan				8									78	86
U.A.E.									22					22
Vietnam				18			9		76					103
Other Countries				12		62	14						95	183
Total	0	0	0	50	0	77	38	0	116	0	0	0	669	950

Table 2.1.9 Contd.

Overseas Cargo of Principal Commodities Loaded by Country (Port-wise) - 2010-11

(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
IRON & STEEL														
Bangladesh				10		13								23
Belgium				39										39
Canada												4		4
China	1			8										9
Indonesia				5										5
Italy				5										5
Germany												1		1
Malaysia				5										5
Maldives							4							4
Saudi Arabia				80									1	81
South Africa												8		8
Singapore				67										67
Spain				5										5
Sri Lanka	6	10		28										44
Sudan				6										6
Taiwan				38										38
Thailand													2	2
U.A.E.				42										42
United Kingdom				9										9
USA										20		140		160
Other Countries	11											211	2	224
Total	18	10	0	347	0	13	4	0	0	20	0	364	5	781

Table 2.1.9 Contd.

Overseas Cargo of Principal Commodities Loaded by Country (Port-wise) - 2010-11

(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
IRON ORE														
Australia									50					50
Bangladesh			10											10
China	104	5952	13785	7558	401	2073	64		1839	37071			192	69039
Italy										26				26
Japan				1942		41				2453				4436
Kuwait										49				49
South Korea				421										421
Netherlands										163				163
Pakistan				12						83				95
Phillipines				21										21
Romania										159				159
Singapore										54				54
U.A.E.										25				25
Total	104	5952	13795	9954	401	2114	64	0	1889	40083	0	0	192	74548

Table 2.1.9 (Contd.)

Overseas Cargo of Principal Commodities Loaded by Country (Port-wise) - 2010-11

(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
OTHER ORES														
China			373	116		11	35						117	652
Indonesia													18	18
Italy						13							22	35
Japan			60				33							93
Poland							47							47
Singapore						80								80
Malaysia			25			2	69						62	158
Mexico						26								26
Netherlands							138						14	152
Russia							11							11
Saudi Arabia													14	14
UAE										25			6	31
USA							38							38
Other Countries			30	28		450							5	513
Total	0	0	488	144	0	582	371	0	0	25	0	0	258	1868

Table 2.1.10

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

Port	Container Cargo			Tare Weight			Container Traffic		
	2008-09	2009-10	2010-11	2008-09	2009-10	2010-11	2008-09	2009-10	2010-11
1	2	3	4	5	6	7	8	9	10
Kandla	1854	2110	2258	282	322	328	2136	2432	2586
Mumbai	1099	496	510	192	111	143	1291	607	653
J.L.Nehru	42228	44664	47617	8374	8432	8809	50602	53096	56426
Mormugao	147	192	182	31	37	38	178	229	220
N.Mangalore	342	405	480	62	70	88	404	475	568
Cochin	2952	3288	3737	570	641	682	3522	3929	4419
Tuticorin	4631	5743	7261	851	856	908	5482	6599	8169
Chennai	18115	20820	26148	2466	2657	3273	20581	23477	29421
Visakhapatnam	1167	1462	2245	194	216	327	1361	1678	2572
Paradip	31	44	61	3	8	8	34	52	69
Haldia Dock Complex	2107	1829	2505	266	239	330	2373	2068	2835
Kolkata Dock System	4815	5814	5405	661	831	815	5476	6645	6220
Total	79488	86867	98409	13952	14420	15749	93440	101287	114158

Source: Major Ports

Table 2.1.11 Reefer Container Traffic at Major Ports - 2009-10 & 2010-11

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	2009-10		711	14975	1324	30533	880	12102	1245	13457
	2010-11		802	14383	1624	40166	676	9576	900	5192
Haldia Dock Complex	2009-10		-	-	-	-	16	317	-	-
	2010-11		-	-	-	-	10	200	4	140
Paradip	2009-10		-	-	-	-	-	-	-	-
	2010-11		-	-	-	-	-	-	-	-
Visakhapatnam	2009-10		576	12574	2930	40897	403	949	2756	6410
	2010-11		423	11181	3864	58064	340	2022	728	8618
Chennai	2009-10		1054	...	8416	...	1261	...	7098	...
	2010-11		1365	...	14522	...	1342	...	9632	...
Tuticorin	2009-10		663	9945	6884	103260	540	8100	6560	98400
	2010-11		687	21598	5458	95297	571	1683	5068	88487
Cochin	2009-10		741	136757	8522	118503	629	2160	9104	26310
	2010-11		833	12218	11298	161209	702	2637	10550	29716
New Mangalore	2009-10		36	723	2348	39496	131	392	2150	4799
	2010-11		39	765	2788	47657	38	114	2598	5654
Mormugao	2009-10		53	140	2434	35835	54	628	2430	11621
	2010-11		4	9	3000	40678	30	112	3122	10522
J.L.Nehru	2009-10		7437	105677	109028	2203399	1910(a)	28213(a)	20702(a)	253230(a)
	2010-11		3218	49791	123332	2610568	2419	32895	28928	323282
Mumbai	2009-10		-	-	-	-	1	11	44	469
	2010-11		-	-	-	-	4	38	30	288
Kandla	2009-10		13	151	54	652	8	64	56	633
	2010-11		18	299	42	500	3	13	28	355
Total	2009-10		11373	277466	149571	2663761	3621	14874	38607	173569
	2010-11		7389	110244	165928	3054139	6135	49290	61588	472254

(a) Includes transshipment

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 - 2009-10& 2010-11

Port/Year	Container Cargo* (000 tonnes)			General Cargo(Break Bulk + Container) (000 tonnes)			Percentage of Container Cargo to General Cargo		
	Loaded	Unloaded	Total	Loaded	Unloaded	Total	Loaded	Unloaded	Total
1	2	3	4	5	6	7	8	9	10
KANDLA									
2009-10	1437	995	2432	2303	6917	9220	62.4	14.4	26.4
2010-11	1595	991	2586	2965	5718	8683	53.8	17.3	29.8
MUMBAI									
2009-10	58	549	607	1161	13096	14257	5.0	4.2	4.3
2010-11	87	566	653	1273	14025	15298	6.8	4.0	4.3
J. L. NEHRU									
2009-10	24609	28487	53096	24612	28504	53116	100.0	99.9	100.0
2010-11	26966	29460	56426	26970	29671	56641	100.0	99.3	99.6
MORMUGAO									
2009-10	89	140	229	451	189	640	19.7	74.1	35.8
2010-11	95	125	220	474	179	653	20.0	69.8	33.7
NEW MANGALORE									
2009-10	241	234	475	297	749	1046	81.1	31.2	45.4
2010-11	344	224	568	405	693	1098	84.9	32.3	51.7
COCHIN									
2009-10	1960	1969	3929	1960	2097	4057	100.0	93.9	96.8
2010-11	2177	2242	4419	2179	2576	4755	99.9	87.0	92.9
TUTICORIN									
2009-10	3396	3203	6599	4186	4521	8707	81.1	70.8	75.8
2010-11	4931	3238	8169	6125	4187	10312	80.5	77.3	79.2
CHENNAI									
2009-10	11410	12067	23477	12506	13598	26104	91.2	88.7	89.9
2010-11	14381	15040	29421	15938	16650	32588	90.2	90.3	90.3
VISAKHAPATNAM									
2009-10	884	794	1678	1450	1347	2797	61.0	58.9	60.0
2010-11	1330	1242	2572	2062	1572	3634	64.5	79.0	70.8
PARADIP									
2009-10	52	0	52	82	139	221	63.4	0.0	23.5
2010-11	66	3	69	66	234	300	100.0	1.3	23.0
KOLKATA DOCK SYSTEM									
2009-10	2534	4111	6645	3407	6562	9969	74.4	62.6	66.7
2010-11	2799	3421	6220	3800	4967	8767	73.7	68.9	70.9
HALDIA DOCK COMPLEX									
2009-10	963	1105	2068	1042	1415	2457	92.4	78.1	84.2
2010-11	1512	1323	2835	1523	1565	3088	99.3	84.5	91.8
TOTAL									
2009-10	47633	53654	101287	53457	79134	132591	89.1	67.8	76.4
2010-11	56283	57875	114158	63780	82037	145817	88.2	70.5	78.3

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

* Includes tare weight also

Table 2.1.13

Inland Container Movement At Major Ports - 2009-10 & 2010-11

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	2009-10	3972	...	3690	...	16759	...	783	...	25204	...
	2010-11	3656	...	3451	...	19037	...	1604	...	27748	...
Haldia Dock Complex	2009-10	3129	45003	62646	1012160	2067	38035	60645	970674	128487	2065872
	2010-11	9568	116465	77934	1317099	8974	114718	70623	1247615	167099	2795897
Paradip	2009-10	...	...	...	...	...	...	...	...	...	...
	2010-11	...	...	...	...	...	...	...	...	...	...
Visakhapatnam	2009-10	242	1699	41611	885657	1507	34877	39351	763399	82711	1685632
	2010-11	73	189	49447	1329868	407	9882	50748	1232318	100675	2772257
Chennai	2009-10	26633	...	561128	...	27576	...	592095	...	1207432	0
	2010-11	...	...	515337	...	33424	...	551553	...	1100314	0
Tuticorin	2009-10	160	2400	226251	3393765	160	2400	213377	3200655	439948	6599220
	2010-11	-	-	241522	4930807	-	-	226230	3237795	467752	8168602
New Mangalore	2009-10	-	-	15712	241275	-	-	15744	233574	31456	474849
	2010-11	-	-	20001	343773	-	-	20157	224089	40158	567862
Cochin	2009-10	1802	...	7233	...	385	...	...	...	9420	0
	2010-11	3643	70369	107528	1352293	321	6319	105434	2325056	216926	3754037
Mormugao	2009-10	-	-	3325	59461	-	-	7928	90671	11253	150132
	2010-11	-	-	7003	64229	-	-	8341	88786	15344	153015
J.L.Nehru(a)	2009-10	298626	6756605	650366	10099953	278512	5603089	646047	13220744	1873551	35680391
	2010-11	290368	4558841	733575	11831285	262231	5244732	735662	13506837	2021836	35141695
Mumbai	2009-10	342	1575	1248	5211	-	-	21501	132005	23091	138791
	2010-11	370	2268	4466	17494	90	856	25962	162911	30888	183529
Kandla	2009-10	-	-	12745	241962	-	-	14254	168694	26999	410656
	2010-11	-	-	72990	1590346	-	-	86753	985525	159743	2575871
Total	2009-10	144316	4330883	1313013	11502494	144534	1901849	1291171	11685872	2893034	29421098
	2010-11	309826	6878344	1703683	18652404	335118	5685576	1754398	21953209	4103025	53169533

(a) Relates to JNPCT & (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 -
2009-10 & 2010-11**

PORT	2009-10				2010-11			
	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	7662	17542	25204	377510	7107	20641	27748	377135
Haldia Dock Complex	1324	4	1328	124112	630	—	630	149339
Paradip	-	-	-	3526	-	-	0	3527
Visakhapatnam	242	1507	1749	97560	73	407	480	145374
Chennai	27519	27933	55452	1207994	40697	39070	79767	1485264
Tuticorin	2852	1930	4782	439948	7661	796	8457	467752
Cochin	6651	386	7037	289560	7318	355	7673	309708
New Mangalore	-	-	0	31456	-	-	0	40158
Mormugao	-	-	0	17296	-	-	0	17602
J.L.Nehru	298626	278512	577138	4175845	290368	262231	552599	4332361
Mumbai	342	3	345	58098	370	90	460	72472
Kandla	0	0	0	146772	0	0	0	160213
All Ports	345218	327817	673035	6969677	354224	323590	677814	7560905

(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 -2009-10& 2010-11

Item/Year	Category of Vessels					
	Dry-Bulk (Mech.)	Dry-Bulk (Conv.)	Liquid Bulk	Break- Bulk	Container vessels	All Types
1	2	3	4	5	6	7
1. No. of vessels sailed						
2009-10	1757	4788	7100	2847	5625	22047*
2010-11	1644	4588	7290	2904	5604	22022*
2. Av. pre-berthing waiting time(days)						
2009-10	3.43	4.00	2.12	2.38	0.80	2.16
2010-11	3.52	4.12	2.40	2.27	0.78	2.32
3. Av. turn round time (days)						
2009-10	5.43	8.39	3.21	6.70	1.88	4.63
2010-11	7.18	8.96	3.83	7.72	2.41	5.29
4. Percentage of idle time at berth to time at working berth						
2009-10	24.6	21.2	25.0	30.0	17.1	23.1
2010-11	23.8	22.8	24.7	29.3	19.1	23.7
5. Av. Output per ship berth day (tonnes)						
2009-10	17044	5985	16445	1724	16272	9215
2010-11	13114	6773	16073	1922	17583	9140

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 -2009-10 & 2010-11**

Item	Kolkata Dock/_1 System	Haldia Dock Complex	Paradip	Visakha-patnam	Ennore /_4	Chennai	Tuti-Corin	Cochin	New Mangalore	Mormugao /_2	J.L. Nehru	Mumbai /_3	Kandla	All Ports
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1. No. of vessels sailed														
2009-10	1301	2166	1531	2406	273	2132	1414	872	1186	895	3049	2046	2776	22047
2010-11	1301	2189	1487	2469	293	2181	1402	819	1097	853	3100	2092	2692	22022
2. Av. pre-berthing waiting time(days)														
2009-10	1.31	4.39	6.30	1.90	0.37	1.35	1.36	0.85	0.81	3.46	0.98	1.06	2.60	2.16
2010-11	1.23	3.73	5.04	2.81	0.65	1.61	1.29	1.03	0.59	4.07	1.51	1.23	3.32	2.32
3. Av. turn round time (days)														
2009-10	6.80	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
2010-11	6.21	4.45	7.73	5.84	2.78	4.36	4.00	2.20	2.70	10.43	2.64	4.96	5.90	5.29
4. Percentage of Idle time at berth to time at working berth														
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
2010-11	38.4	36.4	28.4	27.8	21.5	24.0	25.8	23.8	19.1	18.6	12.6	16.8	16.9	23.7
5. Av. Output per ship berth day (tonnes)														
2009-10	1917	6243	13853	10484	21665	11428	6934	11089	13896	5002	21563	6122	13549	9215
2010-11	2253	6563	14243	10334	17699	10984	7035	11752	14211	4409	20393	6042	14137	9140

/_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 -2009-10&2010-11**

Port	Type of Vessel											
	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (Conv.)		Liquid Bulk		All Types	
	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11
1	2	3	4	5	6	7	8	9	10	11	12	13
Kolkata Dock System	579	570	400(a)	358 (a)	-	-	65	105	264	269	1301	1301
Haldia Dock Complex	432	355	68	55	309	291	551	532	859	998	2166 (b)	2189(c)
Paradip	11	14	40	22	454	440	700	659	326	352	1531	1487
Visakhapatnam	206	277	210	166	255	233	1020	1015	715	778	2406	2469
Ennore	-	-	-	22	173	175	22	9	78	87	273	293
Chennai	703	812	489	558	115	28	331	281	494	502	2132	2181
Tuticorin	455	379	333	411	140	123	311	275	175	214	1414	1402
Cochin	389	360	44	38	20	29	39	19	380	373	872	819
New Mangalore	77	80	74	89	51	60	302	168	682	700	1186	1097
Mormugao	38	27	8	7	240(d)	265(d)	435(d)	404(d)	184	160	895	853
J.L.Nehru	2470	2490	12	60	-	-	66	71	501	479	3049	3100
Mumbai	10	14	732	715	-	-	283	336	1021	1027	2046	2092
Kandla	255	226	437	431	-	-	663	684	1421	1351	2776	2692
All Ports	5625	5604	2847	2904	1757	1644	4788	4588	7100	7290	22047	22022

(a) 7 & 1 vessels carried Break Bulk Cargo in Import leg & Dry Bulk Cargo in Export leg are counted once in total in 2009-10 & 2010-11 respectively.

(b) 53 vessels carried different cargo in export leg & import leg and are counted once in 2009-10 .

(c) 34 Dry Bulk Vessels worked both in Mechanised and Conventional method and 8 vessels carried both Dry Bulk and Break Bulk cargoes. These 42 vessels are counted once in total.

(d) 10 vessels double counted for dry bulk mech./ dry bulk conv. are counted only once in the total in 2009-10 *.

Note: Cargo handled excluding M Pkgs handled 56860MTs at Vadinar, Live stock 17669 handled at Tuna and Transipment of 245396 Mts at Vadinar

Source: Major Ports

Table 2.1.18

Average Pre-berthing Detention By Type of Vessels - 2009-10 & 2010-11

(In Days)

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11
1	2	3	4	5	6	7	8	9	10	11	12	13
Kolkata Dock System	0.67	0.67	1.25	1.25	-	-	4.77	3.08	1.66	1.66	1.31	1.23
Haldia Dock Complex	1.33	1.33	7.38	7.38	4.55	2.97	9.40	5.99	3.39	3.39	4.39	3.73
Paradip	0.78	0.78	5.33	5.33	3.70	2.69	9.94	8.38	1.87	1.87	6.30	5.04
Visakhapatnam	0.25	0.25	3.46	3.46	2.43	4.76	2.38	3.65	1.92	1.92	1.90	2.81
Ennore	-	-	-	-	0.54	0.58	-	2.10	0.14	0.14	0.37	0.65
Chennai	0.37	0.37	1.14	1.14	2.55	1.58	2.07	1.34	4.29	4.29	1.35	1.61
Tuticorin	0.61	0.61	1.63	1.63	0.91	1.35	1.90	2.04	0.85	0.85	1.36	1.29
Cochin	0.97	0.97	0.88	0.88	1.17	3.17	0.27	0.25	0.96	0.96	0.85	1.03
New Mangalore	0.14	0.19	0.40	0.40	0.64	0.56	1.18	0.75	0.72	0.72	0.81	0.59
Mormugao	0.14	0.14	3.31	3.31	7.32	8.13	2.66	3.00	0.71	0.71	3.46	4.07
J.L.Nehru	0.95	0.95	2.09	2.09	-	-	2.37	2.43	4.27	4.27	0.98	1.51
Mumbai	0.91	0.96	1.22	1.22	-	-	0.26	0.40	1.51	1.51	1.06	1.23
Kandla	0.76	0.76	6.21	6.21	-	-	1.86	5.02	1.97	1.97	2.60	3.32
All Ports	0.80	0.78	2.38	2.27	3.43	3.52	4.00	4.12	2.12	2.40	2.16	2.32

Source: Major Ports

Table 2.1.19**Average Turn Round Time - By Type Of Vessels -2009-10 & 2010-11**

(In Days)

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11
1	2	3	4	5	6	7	8	9	10	11	12	13
Kolkata Dock System	4.55	4.45	10.35	9.09	-	-	16.67	10.68	3.91	4.52	6.80	6.21
Haldia Dock Complex	2.56	2.90	9.75	6.65	5.15	4.30	9.88	8.29	2.38	2.85	5.01	4.45
Paradip	2.51	2.15	15.57	9.72	5.67	4.77	13.62	12.12	3.32	3.31	9.04	7.73
Visakhapatnam	0.83	1.12	7.48	8.06	4.87	8.07	6.35	7.80	2.85	3.82	4.78	5.84
Ennore	-	-	-	-	2.95	3.21	-	9.92	0.86	1.01	2.11	2.78
Chennai	1.74	1.73	4.66	4.97	5.16	3.97	7.42	6.53	4.19	6.73	4.04	4.36
Tuticorin	1.38	1.70	5.74	5.04	4.22	4.91	5.80	5.93	3.34	3.09	3.90	4.00
Cochin	1.45	1.78	5.77	3.79	5.57	7.24	4.95	5.65	1.82	1.87	2.08	2.20
New Mangalore	1.58	1.65	3.92	3.52	2.69	2.35	4.77	4.05	2.40	2.43	3.06	2.70
Mormugao	1.92	2.70	7.23	12.18	11.23	13.94	10.97	11.96	2.07	1.99	8.91	10.43
J.L.Nehru	1.45	1.92	2.44	4.30	-	-	6.19	5.86	4.23	5.77	2.01	2.64
Mumbai	2.85	3.28	4.21	4.75	-	-	9.55	9.60	3.54	3.61	4.61	4.96
Kandla	1.71	2.17	9.57	11.07	-	-	5.79	8.12	3.87	3.75	5.03	5.90
All Ports	1.88	2.41	6.70	7.72	5.43	7.18	8.39	8.96	3.21	3.83	4.63	5.29

Source: Major Ports

Table 2.1.20

Percentage Of Idle Time At Working Berth To Time At Working Berth - By Type Of Vessels - 2009-10 & 2010-11

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11
1	2	3	4	5	6	7	8	9	10	11	12	13
Kolkata Dock System	29.9	27.8	41.5	40.3	-	-	48.1	45.7	46.5	42.9	39.8	38.4
Haldia Dock Complex	27.9	26.9	23.0	32.6	26.7	36.0	27.1	37.8	36.0	39.0	28.8	36.4
Paradip	24.4	22.0	24.0	23.9	37.6	37.9	31.3	30.8	-	-	28.6	28.4
Visakhapatnam	21.2	21.5	16.6	23.4	45.0	45.8	17.7	23.6	20.9	34.1	20.4	27.8
Ennore	-	-	-	-	27.8	30.5	-	-	0.0	-	24.5	21.5
Chennai	14.7	...	38.2	35.4	41.4	44.6	30.3	29.6	22.0	19.5	26.7	24.0
Tuticorin	2.7	1.2	39.7	35.7	16.2	15.5	30.9	28.6	21.8	21.9	27.8	25.8
Cochin	10.0	39.6	33.3	21.8	30.0	12.4	22.6	23.2	26.0	15.0	22.1	23.8
New Mangalore	18.3	15.2	23.6	26.5	18.7	16.7	20.9	21.0	16.8	16.8	19.3	19.1
Mormugao	5.9	3.8	9.0	14.6	8.4	12.4	18.8	20.8	31.0	32.1	17.1	18.6
J.L.Nehru	7.7	10.6	9.7	10.1	-	-	8.4	6.0	20.6	22.5	10.7	12.6
Mumbai	35.9	22.0	27.6	28.8	-	-	4.9	4.2	24.6	23.3	17.7	16.8
Kandla	33.4	24.6	10.9	9.5	-	-	15.2	15.1	24.1	23.3	18.3	16.9
All Ports	17.1	19.1	30.0	29.3	24.6	23.8	21.2	22.8	25.0	24.7	23.1	23.7

Source: Major Ports

Table 2.1.21**Average Output Per Ship Berthday - By Type Of Vessels - 2009-10 & 2010-11****(Tonnes)**

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11
1	2	3	4	5	6	7	8	9	10	11	12	13
Kolkata Dock System	4521	5503	2124	2184	-	-	1218	1481	2404	2838	1917	2253
Haldia Dock Complex	3520	5057	1167	997	9376	8629	4913	4971	10217	9849	6243	6563
Paradip	2696	3337	839	845	23237	20887	9195	9259	27480	30082	13853	14243
Visakhapatnam	12400	11745	1176	1472	25753	23257	8266	8196	18526	15221	10484	10334
Ennore	-	-	-	-	23394	21402	936227	6051	9006	8368	21665	17699
Chennai	27836	27343	1731	1545	25967	28805	8010	8431	13851	13731	11428	10984
Tuticorin	18601	20369	1186	2182	12630	12603	7480	7360	3706	3636	6934	7035
Cochin	8290	8994	587	545	2878	2995	3803	3009	21003	21229	11089	11752
New Mangalore	4479	5101	1074	1075	18057	23520	10063	9650	21024	19814	13896	14211
Mormugao	2905	2743	2499	1778	13279	8434	3057	2762	7950	7778	5002	4409
J.L.Nehru	27577	27258	875	1111	-	-	4165	4110	10605	10381	21563	20393
Mumbai	3233	4946	2559	2589	-	-	4001	4026	13513	13473	6122	6042
Kandla	9200	9195	3493	3602	-	-	9812	10621	23971	25858	13549	14137
All Ports	16272	17583	1724	1922	17044	13114	5985	6773	16445	16073	9215	9140

Source: Major Ports

Table 2.1.22

Commodity-wise Average Pre-Berthing Detention - 2009-10 & 2010-11

(In Days)

Port Commodity	Year	Kolkata Dock System\$	Haldia Dock Complex	Paradip	Visakh- apatnam	Ennore	Chennai	Tuticorin	Cochin	New Mangalore	Mormu- goa	J L Nehru	Mumbai	Kandla
1	2	3	4	5	6	7	8	9	10	11	12	15	13	14
POL(Crude)	2010-11	-	1.51	2.87	1.34		4.67	-	0.79	1.01	-	3.36	2.18	1.24
	2009-10	-	1.75	5.62	0.90	-	2.02	-	1.38	0.93	-	2.27	2.70	1.63
POL(Product)	2010-11	1.37	4.65	1.77	1.77		7.46	0.39	1.26	0.65	0.73	-	1.57	1.56
	2009-10	0.88	2.03	1.28	1.32	-	2.41	0.34	0.88	0.78	0.88	-	0.89	1.85
LPG	2010-11	-	2.86	-	5.80		-	0.71	-	0.74	-	-	-	2.91
	2009-10	-	1.85	-	2.19	-	(a)	0.14	0.05	0.80	-	-	-	3.09
Iron Ore	2010-11	6.60	5.39	8.23	4.99	2.10	1.37	1.77	-	0.45	5.49	-	-	3.80
	2009-10	1.51	9.97	10.93	2.60	-	2.55	2.00	-	1.17	4.65	-	-	2.48
Coking Coal	2010-11	1.68	3.09	4.54	3.29		1.00	-	-	0.52	1.28	-	-	4.13
	2009-10	-	2.55	7.06	2.52	-	2.56	3.57	-	1.11	0.24	-	-	2.27
Thermal Coal	2010-11	-	1.16	0.28	1.30	0.58	1.18	1.33	0.33	-	2.18	-	-	3.73
	2009-10	-	0.49	0.38	1.11	0.54	0.96	0.95	0.24	-	1.99	-	-	2.42
Fertilisers	2010-11	-	9.64	2.88	4.65		1.54	1.02	0.25	0.17	0.94	-	-	1.56
	2009-10	-	5.40	0.94	3.26	-	1.28	1.60	0.08	0.36	0.22	-	0.30	1.92
FRM (Dry)	2010-11	2.03	11.44	2.24	3.92		1.91	1.78	3.84	0.04	-	-	0.23	8.18
	2009-10	0.58	19.74	1.41	2.07	-	2.15	1.59	1.74	1.85	-	-	0.51	3.10
Other Dry Bulk	2010-11	1.04	5.13	9.87	3.23		1.39	2.21	1.47	0.48	1.31	2.19	2.00	6.63
	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
Other Lqd. Bulk	2010-11	1.86	3.07	1.66	1.32	0.14	0.96	1.09	0.30	0.50	0.69	4.57	1.13	2.31
	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
General Cargo	2010-11	0.89	7.38	5.33	3.46	2.67	1.14	1.68	0.88	0.40	3.31	3.24	1.22	6.53
	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
Containers	2010-11	0.67	1.33	0.78	0.25		0.37	0.67	0.97	0.19	0.14	0.93	0.96	0.76
	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
Total	2010-11	1.23	3.73	5.04	2.81	0.65	1.61	1.29	1.03	0.59	4.07	1.51	1.23	3.32
	2009-10	1.31	4.39	6.30	1.90	0.37	1.35	1.36	0.85	0.81	3.46	0.98	1.06	2.60

(a) Included in POL Products

Source: Major Ports

Table 2.1.23

Commodity-wise Average Turn Round Time 2009-10 & 2010-11

(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	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
POL (Crude)	2010-11	-	1.40	6.00	3.12	-	7.12	-	1.55	2.53	-	4.67	4.02	3.22	
	2009-10	-	1.33	9.16	2.37	-	4.58	-	1.57	2.48	-	4.03	4.58	3.41	
POL(Product)	2010-11	4.00	2.50	2.82	3.84	-	10.20	1.68	2.24	2.29	2.05	-	3.82	3.41	
	2009-10	3.30	1.78	2.30	3.24	-	4.65	1.51	1.81	2.30	2.18	-	-	3.75	
LPG	2010-11	-	2.13	-	8.10	-	-	2.36	-	3.38	-	-	-	5.83	
	2009-10	-	1.92	-	3.78	-	-	5.85	3.23	3.56	-	-	-	5.93	
Iron Ore	2010-11	16.34	6.59	11.21	8.16	9.92	3.90	4.72	-	2.91	13.61	-	7.05	6.38	
	2009-10	11.18	7.88	13.80	4.99	...	5.16	5.42	-	3.97	11.66	-	5.99	4.89	
Coking Coal	2010-11	6.71	4.96	8.60	7.40	-	4.61	-	-	3.05	8.03	-	7.61	7.16	
	2009-10	-	5.93	11.08	6.91	-	7.94	7.15	-	4.15	4.62	-	9.40	5.01	
Thermal Coal	2010-11	-	3.21	1.76	3.66	3.21	5.45	4.86	2.67	-	5.35	-	9.17	7.36	
	2009-10	-	2.64	1.85	3.84	2.95	5.17	4.23	4.54	-	6.69	-	11.43	5.62	
Fertilisers	2010-11	23.03	21.37	10.60	10.11	-	9.36	6.28	5.23	6.37	7.52	-	20.75	5.23	
	2009-10	-	12.71	5.49	9.28	-	10.91	7.16	7.30	6.31	4.90	-	15.19	5.04	
FRM (Dry)	2010-11	14.09	11.07	5.36	10.55	-	7.59	5.71	13.08	2.42	-	-	13.08	10.34	
	2009-10	8.55	12.24	4.36	7.02	-	7.64	5.37	7.96	3.83	-	-	13.16	5.84	
Other Dry Bulk	2010-11	8.72	6.64	13.65	7.86	-	5.53	5.87	3.86	4.01	5.27	5.28	12.58	9.64	
	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	
Other Lqd. Bulk	2010-11	4.87	3.92	3.06	2.82	1.01	3.12	3.87	1.17	1.60	1.89	6.06	3.26	3.96	
	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	
General Cargo	2010-11	7.47	7.03	9.72	8.05	3.47	4.97	5.09	3.79	3.52	12.18	6.67	4.75	11.63	
	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	
Containers	2010-11	4.45	2.90	2.15	1.12	-	1.73	1.86	1.78	1.65	2.70	1.87	3.28	2.17	
	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	
Total	2010-11		6.21	4.45	7.73	5.84	2.78	4.36	4.00	2.20	2.70	10.43	2.67	4.96	5.90
	2009-10		6.80	5.01	9.04	4.78	2.11	4.04	3.90	2.08	3.06	8.91	2.01	4.61	5.03

Source: Major Ports

Table 2.1.24

Commodity-wise Average Non-Working Time at Berth - 2009-10 & 2010-11

(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	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL(Crude)	2010-11	-	0.33	...	0.66	-	0.35	-	0.26	0.27	-	0.28	0.40	0.18
	2009-10	-	0.40	...	0.35	-	0.41	-	0.36	0.27	-	0.28	0.31	0.19
POL(Product)	2010-11	0.78	0.44	...	0.64	-	0.46	0.44	0.26	0.37	0.41	-	0.59	0.39
	2009-10	0.78	0.47	...	0.32	-	0.46	0.44	0.52	0.31	0.37	-	0.52	0.42
LPG	2010-11	-	0.40	-	0.56	-	-	0.41	...	0.22	-	-	-	0.52
	2009-10	-	0.32	-	0.21	-	-	0.46	0.19	0.24	-	-	-	0.40
Iron Ore	2010-11	6.46	1.25	1.40	0.92	...	0.94	0.98	-	0.65	1.50	-	-	0.29
	2009-10	4.49	0.82	1.22	0.68	...	0.99	1.24	-	0.60	1.21	-	-	0.32
Coking Coal	2010-11	1.54	0.99	0.77	0.77	-	0.98	-	-	0.32	1.91	-	-	0.27
	2009-10	-	0.82	0.86	0.71	-	1.55	1.06	-	0.38	0.84	-	-	0.34
Thermal Coal	2010-11	-	0.78	0.74	0.69	0.76	1.07	0.55	2.13	-	0.22	-	-	0.29
	2009-10	-	0.53	0.78	0.48	0.64	1.06	0.53	1.31	-	0.54	-	-	0.31
Fertilisers	2010-11	10.52	3.26	1.93	1.23	-	2.15	1.34	0.88	1.55	0.79	-	-	0.42
	2009-10	-	1.91	1.58	1.17	-	2.59	1.59	2.14	1.45	0.69	-	2.22	0.36
FRM (Dry)	2010-11	4.65	1.64	-	1.79	-	1.51	1.03	1.15	1.05	-	-	0.63	0.34
	2009-10	2.53	0.84	-	1.07	-	1.51	1.11	2.18	0.64	-	-	1.46	0.37
Other Dry Bulk	2010-11	1.90	1.41	1.07	0.85	-	1.04	1.04	0.90	0.40	0.58	0.18	1.70	0.38
	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
Other Lqd. Bulk	2010-11	0.78	0.70	-	0.39	-	0.44	0.52	0.13	0.18	0.33	0.30	0.29	0.40
	2009-10	0.92	0.51	-	0.28	-	0.51	0.47	0.16	0.20	0.31	0.24	0.35	0.43
General Cargo	2010-11	2.06	1.49	1.03	1.02	-	1.22	1.17	0.79	0.81	1.28	0.33	0.89	0.39
	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
Containers	2010-11	0.56	0.42	0.29	0.17	-	...	0.01	0.54	0.21	0.09	0.09	0.38	0.31
	2009-10	0.71	0.38	0.36	0.14	-	...	0.02	0.12	0.25	0.10	0.06	0.41	0.35
Total	2010-11	1.05	0.85	0.75	0.74	0.46	0.62	0.69	0.44	0.39	0.46	0.19	0.57	0.37
	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

Source: Major Ports

Table 2.1.25

Commodity-wise Output per Ship Berth Day - 2009-10 & 2010-11

(In Tonnes)

Port Commodity	Year	Kolkata Dock System	Haldia Dock Complex	Paradip	Visakhapatnam	Ennore	Chennai	Tuticorin	Cochin	New Mangalore	Mormugoa	J.L.Nehru	Mumbai	Kandla
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL(Crude)	2010-11	-	30968	75804	37820	-	43882	-	63594	57729	-	17054	51339	107149
	2009-10	-	28539	61772	50343	-	41858	-	59441	55326	-	17045	50594	94816
POL(Product)	2010-11	3491	11795	14870	8572	-	8337	8293	8186	18720	7868	-	9001	19397
	2009-10	2604	10325	16102	9688	-	8757	9274	9422	19300	8267	-	9007	19476
LPG	2010-11	-	9714	-	7197	-	-	4089	...	4999	-	-	-	5703
	2009-10	-	10180	-	8788	-	-	4407	7418	5250	-	-	-	6130
Iron Ore	2010-11	548	5564	12767	16659	6051	22712	7257	-	18119	8477	-	5912	15592
	2009-10	874	6617	13382	19587	-	25967	6103	-	12918	9537	-	7208	14024
Coking Coal	2010-11	1385	7210	9625	12301	-	8771	-	-	17008	5591	-	4579	16758
	2009-10	-	6693	10270	11789	-	8349	10136	-	15104	6307	-	3549	17902
Thermal Coal	2010-11	-	9339	30691	15653	21398	10798	11741	7984	-	12273	-	4823	17853
	2009-10	-	9936	31275	13000	23394	12063	11642	6779	-	8648	-	4233	18717
Fertilisers	2010-11	526	1642	4793	5456	-	3995	5758	3757	4269	3254	-	1617	11405
	2009-10	-	2236	4505	5120	-	2788	5192	3156	4658	3953	-	1350	13462
FRM (Dry)	2010-11	773	2260	14122	3929	-	3519	6334	1969	1861	-	-	1070	8827
	2009-10	948	2822	14992	3939	-	3439	6459	2454	2306	-	-	1374	6876
Other Dry Bulk	2010-11	1045	4880	8160	6464	-	12959	6586	4215	5751	5111	4110	2392	7747
	2009-10	1364	4028	7822	6701	-	9789	7275	3637	6456	4999	4165	2966	7035
Other Liquid Bulk	2010-11	2465	4019	10401	5809	8368	3024	2716	7878	6220	7625	4791	2895	6266
	2009-10	2304	4285	9735	7048	9007	2910	2943	6590	6578	7511	4976	3589	5760
General Cargo	2010-11	588	997	845	1471	13689	1632	1773	545	1075	1778	1111	2589	3252
	2009-10	640	1167	839	1176	-	1731	1248	587	1074	2499	875	2558	3493
Containers	2010-11	5499	5057	3337	11790	-	27343	19436	8994	5101	2743	26861	4946	9195
	2009-10	4521	3520	2696	12400	-	27836	18601	8290	4479	2905	27577	3233	9200
Total	2010-11	2253	6563	14243	10334	17699	10984	7035	11752	14211	4409	20393	6042	14137
	2009-10	1917	6243	13853	10484	21665	11428	6934	11089	13896	5002	21563	6122	13549

(a) Includes Pellets
Source: Major Ports

(b) Includes NSICT also

(c) Includes NSICT & GTIPL also

Table 2.1.26

**Average Pre-berthing Detention on Port & Non Port
Account -Major Port-wise -2009-10 & 2010-11**

(In Days)

Port	2009-10			2010-11		
	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	1.31	0.50	0.82	1.23	0.25	0.98
Haldia Dock Complex	4.39	1.39	3.00	3.73	1.05	2.68
Paradip	6.30	0.05	6.25	5.04	0.11	4.93
Visakhapatnam	1.90	0.79	1.11	2.81	0.09	2.72
Ennore	0.37	0.02	0.36	0.65	0.00	0.65
Chennai	1.35	0.04	1.31	1.61	0.04	1.57
Tuticorin	1.36	0.39	0.98	1.29	0.38	0.91
Cochin	0.85	0.10	0.75	1.03	0.20	0.83
New Mangalore	0.81	0.03	0.78	0.59	0.20	0.39
Mormugao	3.46	0.43	3.03	4.07	0.53	3.54
J.L.Nehru	0.98	0.27	0.72	1.51	0.56	0.95
Mumbai	1.06	0.25	0.81	1.23	0.28	0.95
Kandla	2.60	0.95	1.65	3.32	1.57	1.75
All Ports	2.16	0.49	1.67	2.32	0.50	1.82

Source: Major Ports

Table 2.1.27**Reason-wise, Major Port-wise Average Pre-berthing Detention - 2010-11**

Sl. No.	Category Of Ships	No. Of Ships	Reason-wise average pre-berthing delay (in hrs.)								Total
			Non-avail. of Berth	Non-avail. of Tug/Craft	Non-avail. Of Pilot	Navigation Restriction	Draft Restriction	Shippers/ Ships/ Agents Option	Lack of cargo	Others	
1	2	3	4	5	6	7	8	9	10	11	12
Kolkata Dock System											
1.	Container	570	-	-	-	0.88	-	5.16	-	0.55	6.60
2.	Break Bulk	352	0.31	-	3.09	1.08	-	5.99	-	8.49	18.96
3.	Dry Bulk(C)	110	-	-	0.84	1.36	-	1.81	-	1.39	5.39
4.	Liquid Bulk	269	9.05	-	0.33	2.95	-	8.55	-	19.00	39.89
Total		1301	1.95	-	0.98	1.41	-	5.80	-	10.79	20.93
Haldia Dock Complex											
1.	Container	355	15.65	-	0.05	-	-	11.15	-	5.15	32.001
2.	Break Bulk	55	25.37	-	2.44	-	-	131.49	-	17.75	177.06
3.	Dry Bulk(M)	291	14.47	-	0.25	-	-	45.78	-	10.86	71.36
	Dry Bulk(C)	532	37.08	-	0.23	-	-	83.32	-	23.23	143.85
4.	Liquid Bulk	998	21.50	-	0.15	-	-	47.97	-	11.70	81.32
Total		2231	23.46	-	0.22	-	-	52.32	-	13.45	89.44
Paradip											
1.	Container	14	0.50	-	-	-	-	17.14	-	1.07	18.71
2.	Break Bulk	22	2.73	-	-	-	-	119.64	-	5.59	127.95
3.	Dry Bulk(M)	440	0.74	-	-	-	-	52.53	-	5.37	58.65
	Dry Bulk (C)	659	3.25	-	-	-	-	176.90	-	7.53	187.68
4.	Liquid Bulk	352	0.16	-	-	0.03	-	34.12	-	10.60	44.90
Total		1487	1.74	-	-	0.01	-	103.95	-	7.53	113.23

(M) Mechanised.

(C) Conventional.

Table 2.1.27(Contd...)

Reason-wise, Major Port-wise Average Pre-berthing Detention - 2010-11

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
Visakhapatnam											
1.	Container	277	0.23		-	-	-	2.33	-	3.51	6.07
2.	Break Bulk	166	3.83		-	-	-	45.27	-	33.98	83.08
3.	Dry Bulk(M)	233	2.35		-	-	-	44.07	-	67.70	114.12
	Dry Bulk(C)	1015	2.48		-	-	-	41.62	-	43.39	87.49
4.	Liquid Bulk	778	1.08		-	-	-	20.34	1.68	23.04	46.15
	Total	2469	1.87		-	-	-	98.32	0.53	34.16	134.88
Ennore*											
1.	Dry Bulk(M)	175		-	0.01	-	-	13.79	-	-	13.80
3.	Dry Bulk(C)	9	-	-	0.00	-	-	50.32	-	-	50.33
4.	Liquid Bulk	87	-	-	0.02	-	-	3.38	-	-	3.40
	Other	22	-	-				64.09			64.09
	Total	293	-	-	0.01	-	-	15.60	-	-	15.61
Chennai											
1.	Container	812	-	-	-	0.78	-	8.16	-	-	8.94
2.	Break Bulk	558	-	-	-	0.89	-	26.40	-	-	27.29
3.	Dry Bulk(M)	28	-	-	-	1.23	-	36.80	-	-	38.03
	Dry Bulk(C)	281	-	-	-	1.56	-	30.68	-	-	32.24
4.	Liquid Bulk	502	-	-	-	1.03	-	101.83	-	-	102.86
	Total	2181	-	-	-	0.97	-	37.66	-	-	38.63

(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 - 2010-11

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
Tuticorin											
1.	Container	379	0.08	-	-	-	-	14.60	-	-	14.68
2.	Break Bulk	411	11.69	-	-	-	-	21.92	-	5.62	39.23
3.	Dry Bulk(M)	123	3.12	-	-	-	-	15.18	-	14.18	32.49
	Dry Bulk(C)	275	21.16	-	-	-	-	19.84	-	7.89	48.89
4.	Liquid Bulk	214	8.30	-	-	-	-	9.79	-	2.56	20.65
	Total	1402	9.14	-	-	-	-	17.09	-	4.83	31.06
Cochin											
1.	Container	360	7.08	-	-	-	-	12.41	-	3.82	23.31
2.	Break Bulk	38	1.58	-	-	-	-	12.80	-	6.76	21.14
3.	Dry Bulk(M)	29	2.81	-	-	-	-	72.84	-	0.66	76.31
	Dry Bulk(C)	19		-	-	-	-	2.64	-	2.95	5.59
4.	Liquid Bulk	373	2.83	-	-	-	-	17.07	-	3.25	23.15
	Total	819	4.57	-	-	-	-	16.46	-	3.57	24.60
New Mangalore											
1.	Container	80	-	-	-	-	-	3.95	-	0.73	4.68
2.	Break Bulk	89	-	-	-	-	-	7.75	-	1.91	9.66
3.	Dry Bulk(M)	60	-	-	-	-	-	10.68	-	2.73	13.42
	Dry Bulk(C)	168	0.05	-	-	-	-	7.99	-	1.43	9.46
4.	Liquid Bulk	700	1.02	-	-	-	-	15.14	-	1.02	17.18
	Total	1097	0.66	-	-	-	-	12.38	-	1.23	14.27
Mormugao											
1.	Container	27	0.67	-	-	0.81	-	1.11	-	0.81	3.41
2.	Break Bulk	7	59.29	-	-	-	-	20.14	-	-	79.43
3.	Dry Bulk(M)	265	5.80	-	-	-	-	135.71	-	-	141.51
	Dry Bulk(C)	404	3.94	-	-	0.05	-	0.15	-	0.46	4.60
4.	Liquid Bulk	160	12.96	-	-	0.45	-	0.72	2.67	0.28	17.08
	Total	863	6.53	-	-	0.13	-	42.07	0.49	0.29	49.52

(M) Mechanised. (C) Conventional. # 10 vessels double counted for dry bulk mech./dry bulk conv. Are counted only once in the total

Table 2.1.27(Contd...)**Reason-wise, Major Port-wise Average Pre-berthing Detention - 2010-11**

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
J.L.Nehru											
1.	Container	2490	-	-	0.21	0.11	0.35	0.02	-	21.65	22.35
2.	Break Bulk	60	-	-	0.26	0.08	1.52	0.23	-	75.66	77.75
3.	Dry Bulk(C)	71	-	-	0.04	0.07	1.48	0.10	-	50.88	52.57
4.	Liquid Bulk	479	-	-	0.25	0.11	0.35	0.06	-	100.85	101.62
Total		3100	-	-	0.21	0.11	0.40	0.03	-	35.61	36.36
Mumbai *											
1.	Container	14	0.71	-	-	-	-	21.43	-	0.99	23.14
2.	Break Bulk	715	3.06	-	-	-	-	25.15	-	0.98	29.19
3.	Dry Bulk(C)	336	0.29	-	-	-	-	9.18	-	0.14	9.62
4.	Liquid Bulk	1027	11.19	-	-	-	-	24.05	-	0.89	36.13
Total		2092	6.59	-	-	-	-	22.02	-	0.80	29.41
Kandla											
1.	Container	226	2.78	-	-	-	-	9.16	-	6.23	18.18
2.	Break Bulk	431	70.59	-	-	-	-	46.77	-	31.65	149.00
3.	Dry Bulk(C)	684	88.20	-	-	-	-	18.99	-	13.39	120.58
4.	Liquid Bulk	1351	4.74	-	-	-	-	25.37	-	17.07	47.17
Total		2692	36.32	-	-	-	-	25.81	-	17.56	79.70

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 2010-11 (Percentage)

Port	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
1	2	3	4	5	6	7	8	9	10	11	12	13
KANDLA	92.2	79.8	72.3	70.5	69.8	69.1	73.5	71.0	71.0	66.9	72.0	69.7
MUMBAI	57.7	58.5	58.4	57.0	57.5	60.6	61.1	64.4	65.4	65.5	50.6	63.9
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	73.5
MORMUGAO	74.0	74.0	81.1	69.3	65.5	82.2	78.7	81.0	73.8	70.2	79.2	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	46.5
COCHIN	60.0	63.6	61.4	56.7	63.3	71.9	65.7	67.3	66.0	63.5	63.7	70.3
TUTICORIN	72.8	65.2	68.8	61.3	54.8	53.7	59.3	67.6	72.9	70.2	66.9	70.5
CHENNAI	81.9	72.6	71.9	60.1	57.1	58.0	57.7	63.3	74.0	67.3	63.8	63.6
ENNORE	-	-	43.7	43.4	39.3	31.2	34.2	34.4	35.5	47.0	41.2	42.5
VISAKHAPAT-NAM	78.0	66.8	63.3	62.0	65.1	61.8	58.2	59.5	73.6	65.9	76.3	73.2
PARADIP	62.5	69.5	55.6	47.6	52.6	59.9	59.7	65.0	76.6	70.9	77.6	73.6
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	78.6
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	68.3

Table 2.1.29

**Performance of Cargo Handling Equipments of Major Ports -
2008-09, 2009-10 & 2010-11**

(In Percent)

Sl. No.	Name Of The Port	Equipment	2008-09		2009-10		2010-11	
			% Avail-ability	% Utili-sation	% Avail-ability	% Utili-sation	% Avail-ability	% Utili-sation
1	2	3	6	7	8	9	8	9
1.	Kandla	Wharf Crane	94	58	76	50	84	59
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	96	52	96	58	96	70
2.	Mumbai	Wharf Crane	91	11	89	11	83	11
		Mobile Crane	91	15	83	15	91	12
		Forklift Truck	98	22	95	20	97	15
3.	Mormugao	Wharf Crane	-	-	-	-	-	-
		Mobile Crane	78	-	15	-	50	-
		Forklift Truck	98	4	98	3	98	4
4.	N.Mangalore	Wharf Crane	82	2	-	-	-	-
		Mobile Crane	-	-	98	2	94	1
		Forklift Truck	92	9	94	9	73	13
5.	Cochin	Wharf Crane	89	3	81	2	47	1
		Mobile Crane	95	2	-	-	-	-
		Forklift Truck	80	18	82	17	78	14
6.	Tuticorin	Wharf Crane	96	45	98	51	94	48
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	-	-	-	-	-	-
7.	Chennai	Wharf Crane	100	16	94	11	92	9
		Mobile Crane	99	31	99	30	99	30
		Forklift Truck	63	16	66	13	72	13
8.	Visakhapatnam	Wharf Crane	99	45	98	46	98	37
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	-	-	-	-	-	-
9.	Paradip	Wharf Crane	86	34	75	21	95	21
		Mobile Crane	60	1	96	-	-	-
		Forklift Truck	96	1	100	-	-	-
10.	Kolkata Dock System	Wharf Crane	96	26	94	27	96	25
		Mobile Crane	95	26	93	34	85	38
		Forklift Truck	98	39	98	40	94	41
11.	Haldia Dock Complex	Wharf Crane	-	-	-	-	-	-
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	84	37	14	8	0	0

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 - 2009-10 & 2010-11

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	2009-10	-	-	-	-	4	69.6	51.7	36.0
	2010-11	-	-	-	-	4	47.8	50.5	24.1
Haldia Dock Complex	2009-10	-	-	-	-	4	72.2	...	...
	2010-11	-	-	-	-	4	77.4	...	...
Paradip	2009-10	-	-	-	-	-	-	-	-
	2010-11	-	-	-	-	-	-	-	-
Visakhapatnam	2009-10	2	92.1	20.5	18.9	2	93.4	30.7	28.6
	2010-11	2	91.0	38.1	34.8	2	94.0	43.2	40.5
Chennai	2009-10	8	90.1	58.7	52.9	23	88.7	87.8	77.8
	2010-11	8	89.9	70.9	63.7	23	91.8	93.1	85.4
Tuticorin	2009-10	3	92.0	61.0	57.0	8	93.0	89.0	89.0
	2010-11	3	91.0	58.0	53.0	8	93.0	92.0	86.0
Cochin	2009-10	2	83.9	40.8	34.3	4	86.0	79.1	68.0
	2010-11	2	83.5	68.1	56.9	4	85.0	106.6	90.5
New Mangalore	2008-09	-	-	-	-	-	-	-	-
	2010-11	-	-	-	-	-	-	-	-
Mormugao	2008-09	-	-	-	-	-	-	-	-
	2010-11	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2009-10	8	86.2	49.4	42.6	18	91.3	60.6	63.5
	2010-11	8	90.8	51.6	46.8	18	90.9	77.4	70.4
Mumbai	2009-10	-	-	-	-	-	-	-	-
	2010-11	-	-	-	-	-	-	-	-
Kandla	2009-10	-	-	-	-	-	-	-	-
	2010-11	-	-	-	-	-	-	-	-

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

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

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

% Utilisation = (No. of Hours equipment utilised / No. of available hours / possible hours) x 100

(a) Relates to JNPCT only.

Table 2.1.30(Contd.)

Availability And Utilisation Of Container Handling Equipments - Major Ports - 2009-10 & 2010-11

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	11	12	13	14	15	16	17	18
Kolkata Dock System	2009-10	22	11.1	74.9	8.3	1	0.0	0.0	0.0
	2010-11	22	0.0	0.0	0.0	1	0.0	0.0	0.0
Haldia Dock Complex	2009-10	4	9.8	59.3	5.8	1	0.0	0.0	0.0
	2010-11	4	0.0	0.0	0.0	1	0.0	0.0	0.0
Paradip	2009-10	-	-	-	-	-	-	-	-
	2010-11	-	-	-	-	-	-	-	-
Visakhapatnam	2009-10	16	100.0	0.0	0.0	-	-	-	-
	2010-11	-	-	-	-	-	-	-	-
Chennai	2009-10	-	-	-	-	-	-	-	-
	2010-11	-	-	-	-	-	-	-	-
Tuticorin	2009-10	12	95.0	67.0	64.0	-	-	-	-
	2010-11	12	94.0	71.0	67.0	-	-	-	-
Cochin	2009-10	13	93.8	49.5	46.4	-	-	-	-
	2010-11	13	91.2	149.7	136.6	-	-	-	-
New Mangalore	2009-10	-	-	-	-	-	-	-	-
	2010-11	-	-	-	-	-	-	-	-
Mormugao	2009-10	-	-	-	-	-	-	-	-
	2010-11	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2009-10	20	93.6	99.7	93.3				
	2010-11	20	93.6	100.0	93.6				
Mumbai	2009-10	-	-	-	-	-	-	-	-
	2010-11	-	-	-	-	-	-	-	-
Kandla	2009-10	-	-	-	-	-	-	-	-
	2010-11	2	69.6	15.4	10.7	-	-	-	-

(a) :Relates to JNPT only.

Table 2.1.30(Contd.)

Availability And Utilisation Of Container Handling Equipments - Major Ports - 2009-10 & 2010-11

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	19	20	21	22	23	24	25	26
Kolkata Dock System	2009-10	-	-	-	-	-	-	-	-
	2010-11	-	-	-	-	-	-	-	-
Haldia Dock Complex	2009-10	1	90.2	62.2	56.1	-	-	-	-
	2010-11	1	88.0	78.3	68.9	-	-	-	-
Paradip	2009-10	-	-	-	-	-	-	-	-
	2010-11	-	-	-	-	-	-	-	-
Visakhapatnam	2009-10	-	-	-	-	-	-	-	-
	2010-11	-	-	-	-	-	-	-	-
Chennai	2009-10	-	-	-	-	-	-	-	-
	2010-11	-	-	-	-	-	-	-	-
Tuticorin	2009-10	-	-	-	-	-	-	-	-
	2010-11	-	-	-	-	-	-	-	-
Cochin	2009-10	-	-	-	-	2	87.1	35.6	31.0
	2010-11	-	-	-	-	2	85.3	46.6	39.7
New Mangalore	2009-10	3	91.2	100.0	91.2	-	-	-	-
	2010-11	-	-	-	-	-	-	-	-
Mormugao	2009-10	-	-	-	-	-	-	-	-
	2010-11	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2009-10	5	92.1	55.4	51.0	-	-	-	-
	2010-11	5	80.8	62.5	50.5	-	-	-	-
Mumbai	2009-10	-	-	-	-	-	-	-	-
	2010-11	-	-	-	-	-	-	-	-
Kandla	2009-10	-	-	-	-	-	-	-	-
	2010-11	-	-	-	-	-	-	-	-

(a) :Relates to JNPCT.

Table 2.1.30(Contd.)

Availability And Utilisation Of Container Handling Equipments - Major Ports - 2009-10 & 2010-11

PORT	Year	FLT/FEL				Reach Truck/Steaker			
		No.	% availability	% Utilisation of		No.	% Availability	% Utilisation of	
				Available Hrs.	Possible Hrs.			Available Hrs.	Possible Hrs.
1	2	27	28	29	30	31	32	33	34
Kolkata Dock System	2009-10	2	0.0	0.0	0.0	4	-	-	-
	2010-11	-	-	-	-	4	-	-	-
Haldia Dock Complex	2009-10	1	22.1	58.6	13.0	-	-	-	-
	2010-11	1	0.0	0.0	0.0	-	-	-	-
Paradip	2009-10	-	-	-	-	-	-	-	-
	2010-11	-	-	-	-	-	-	-	-
Visakhapatnam	2009-10	1	-	-	-	4	94.0	13.8	13.0
	2010-11	1	-	-	-	4	94.0	22.6	21.3
Chennai	2009-10	-	-	-	-	-	-	-	-
	2010-11	-	-	-	-	-	-	-	-
Tuticorin	2009-10	-	-	-	-	-	-	-	-
	2010-11	-	-	-	-	-	-	-	-
Cochin	2009-10	-	-	-	-	5	84.8	49.9	42.3
	2010-11	-	-	-	-	5	82.7	45.0	37.2
New Mangalore	2009-10	2	94.9	14.7	14.0	2	95.1	53.3	50.7
	2010-11	1	97.6	23.6	23.1	2	94.4	58.0	54.7
Mormugao	2009-10	-	-	-	-	-	-	-	-
	2010-11	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2009-10	-	-	-	-	-	-	-	-
	2010-11	-	-	-	-	-	-	-	-
Mumbai	2009-10	-	-	-	-	4	99.2	0.6	0.6
	2010-11	-	-	-	-	-	-	-	-
Kandla	2009-10	-	-	-	-	-	-	-	-
	2010-11	7.0	96.4	72.8	70.2	-	-	-	-

(a) Relates to JNPCT.

Source: Major Ports

Table 2.1.31

Container Handling Rate - Major Ports -2009-10 & 2010-11

Port	Year	Quay Side Gantry Crane			Rail Mounted Gantry Crane			RTG		
		%age of Idle Time	No of container handled per		%age of Idle Time	No of container handled per		%age of Idle Time	No of container handled per	
			Worked Hr.	Actual Worked Hr.		Worked Hr.	Actual Worked Hr.		Worked Hr.	Actual Worked Hr.
1	2	3	4	5	6	7	8	9	10	11
Kolkata Dock	2009-10	-	-	-	-	-	-	52.1	3.1	6.4
System	2010-11	-	-	-	-	-	-	51.8	3.2	6.7
Haldia Dock	2009-10	-	-	-	41.7	1.0	1.8	...	...	...
Complex	2010-11	-	-	-	21.7	1.3	1.6	...	...	...
Paradip	2009-10	-	-	-	-	-	-	-	-	-
	2010-11	-	-	-	-	-	-	-	-	-
Vishakhapatnam	2009-10	0.0	26.0	26.0	-	-	-	0.0	19.2	19.2
	2010-11	0.0	21.5	21.5	-	-	-	0.0	18.0	18.0
Chennai	2009-10	6.1	27.8	29.6	-	-	-	39.1	13.0	21.4
	2010-11	13.6	21.8	25.3	-	-	-	42.4	11.9	20.7
Tuticorin	2009-10	4.5	25.8	28.3	...	...	...	7.0	12.1	14.1
	2010-11	4.5	27.0	28.0	...	...	...	7.0	13.0	14.0
Cochin	2009-10	22.6	16.0	20.6	-	-	-	4.1	11.9	12.4
	2010-11	25.7	16.2	21.1	-	-	-	20.0	10.7	13.3
New Mangalore	2009-10	-	-	-	-	-	-	-	-	-
	2010-11	-	-	-	-	-	-	-	-	-
Mormugao	2009-10	-	-	-	-	-	-	-	-	-
	2010-11	-	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2009-10	29.2	13.6	19.1	12.3	9.0	10.2	34.9	4.3	6.6
	2010-11	21.7	13.0	19.3	26.1	6.8	9.2	27.6	8.7	6.5
Mumbai	2009-10	-	-	-	-	-	-	-	-	-
	2010-11	-	-	-	-	-	-	-	-	-
Kandla	2009-10	...	...	...	...	...	...	...	...	...
	2010-11	...	...	...	...	...	...	...	...	...

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 - 2010-11

(In Million Tonnes/Percentage)

Port	Capacity/ Utilisation	POL (Crude & Products)	Iron Ore	Thermal Coal	Fertiliser & FRM	Other Cargo	Container	Total
1	2	3	4	5	6	7	8	9
KDS	Cap.	4.11	0.00	0.00	0.00	6.51	5.73	16.35
	Util.	21.41	-	-	-	83.56	108.55	76.70
HDC	Cap.	17.00	8.00	7.00	0.00	14.70	4.00	50.70
	Util.	56.29	74.38	116.86	-	57.62	71.00	69.05
PPT	Cap.	21.00	4.50	20.00	7.50	23.50	0.00	76.50
	Util.	61.19	307.78	96.70	56.40	24.51	-	73.24
VPT	Cap.	17.65	12.50	0.00	1.00	31.28	2.50	64.93
	Util.	112.97	154.80	-	408.00	70.65	102.80	104.79
EPL(a)	Cap.	3.00	6.00 [^]	21.00	-	1.00	-	25.00
	Util.	16.67	6.67	44.62	-	3.35	-	35.52
ChPT	Cap.	11.80	8.00	-	-	17.92	42.00 [#]	37.72
	Util.	118.56	26.38	-	-	88.95	70.05	77.09
TPT	Cap.	2.30	-	6.25	-	13.49	5.00	27.04
	Util.	31.30	-	85.60	-	85.54	162.40	95.16
CoPT	Cap.	18.70	-	-	0.80	8.98	12.50 ^{**}	28.48
	Util.	64.71	-	-	53.75	9.80	35.36	43.51
NMPT	Cap.	23.37	7.50	-	-	14.70	-	45.57
	Util.	92.21	49.87	-	-	42.59	-	69.23
MoPT	Cap.	1.50	33.00	-	-	7.40	-	41.90
	Util.	62.67	123.12	-	-	114.19	-	119.38
JNPT	Cap.	5.50	-	-	-	0.90	57.60 [@]	6.40
	Util.	89.27	-	-	-	331.11	97.97	100.50
MbPT	Cap.	32.00	-	-	-	11.53	1.00 [*]	43.53
	Util.	102.53	-	-	-	184.30	53.00	122.59
KPT	Cap.	62.83	-	-	-	16.88	7.20	86.91
	Util.	76.76	-	-	-	184.00	35.97	94.21
ALL PORTS	Cap.	220.76	79.50	54.25	9.30	168.79	137.53	670.13
	Util.	81.08	108.21	77.86	93.98	83.46	82.27	85.06

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.

[^]-Capacity of Ennore Port of Iron Ore berth has been taken as 6.0 MT

[#]Capacity of Chennai Port 1st Container Terminal (4 berths) and 2nd Container Terminal (3 berths) has been taken as 24 MT and 18.00 MT respectively

^{*}- Only BPS berth is considered as dedicated container berth. Berth No. 6,7/8 ID are used as holding berth for MbPT crafts & no capacity has been accounted.

^{**}- rGCT berths at Wellington island have been shown as general cargo berths. Capacity of 3 Container berths of Vallarpadam taken as 1.0 million TEUs (12.MT).

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

Table 2.1.33

**Employment At Major Ports
(As on 31st March, 2011)**

(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	87	65	403	1199	692	310	492	339	187	3774
MbPT	369	35	3476	4091	-	2164	797	2459	-	13391
JNPT	174	44	356	108	126	922	-	-	-	1730
MoPT(a)	142	81	1291	783	-	332	188	-	-	2817
NMPT (b)	52	100	660	162	-	293	369	-	-	1636
CoPT	141	184	2300	602	-	267	255	-	-	3749
TPT(c)	89	44	971	975	-	-	-	-	-	2079
ChPT	301	142	3118	1380	322	1332	536	643	-	7774
EPL	27	18	29	14	-	-	-	-	-	88
VPT	179	118	1373	1002	-	1523	389	-	-	4584
PPT	83	77	999	1345	130	-	-	-	-	2634
KDS	469	131	2694	1552	-	180	48	300	-	5374
HDC	178	112	445	398	-	1091	1080	-	-	3304
Total	2291	1151	18115	13611	1270	8414	4154	3741	187	52934

(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, 2011)**

(In Numbers)

Port	Number of DLB Employees					Number of Dock Workers				Grand Total
	Class I	Class II	Class III	Class IV	Total	Registered	Listed	Others	Total	
1	2	3	4	5	6	7	8	9	10	11
VPT	11	3	74	48	136	-	-	-	859	995
KDS	15	10	87	36	148	100	-	-	100	248
MbPT	14	1	1148	107	1270	2465	-	121	2586	3856
KPT	1	3	36	31	71	572	-	217	789	860
All DLBs	41	17	1345	222	1625	3137	0	338	4334	5959

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 : 2008-2011 (31st March)

Port	2008		2009		2010		2011	
	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	6	7
KPT	1551	-	1514	-	1463	-	1962	-
MbPT	5300	0.1	6880	0.9	5132	3.2	6295	0.0
MoPT	1105	-	1083	-	1055	7.0	1028	0.0
NMPT	648	-	664	0.3	627	5.6	356	0.0
CoPT	1576	0.6	1498	2.6	1441	-	1368	-
TPT	827	0.4	812	-	800	-	759	-
EPL	22	-	24	-	31	-	32	-
ChPT	3318	-	2963	-	2927	0.9	2838	-
VPT	2316	-	2293	0.6	2205	0.6	2036	0.6
PPT	1065	-	1041	-	1008	-	961	-
KDS	2318	-	2279	-	2186	-	2052	-
HDC	1352	8.1	1321	2.5	1277	0.8	1206	2.6
JNPT	645	-	637	-	635	-	631	-
TOTAL	22041	0.6	23008	0.6	20786	0.6	21524	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 - 2005-06 to 2010-11

(Rs. Crore)

Port	Year					
	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
1	2	3	4	5	6	7
KANDLA	767.17	847.93	865.22	1041.85	1191.74	1215.77
MUMBAI	2038.46	2147.60	2371.45	2436.39	2372.42	2953.67
J. L. NEHRU	1811.99	2199.88	2746.02	3005.45	3543.17	4096.33
MORMUGAO	487.95	526.25	593.82	634.88	554.89	478.00
NEW MANGALORE	559.59	592.74	611.53	634.76	674.11	750.39
COCHIN	482.96	524.31	513.42	408.36	322.94	557.56
TUTICORIN	516.95	553.86	592.02	620.91	520.82	766.24
CHENNAI	727.95	939.74	1224.97	1496.33	1500.23	1455.06
ENNORE	646.61	723.55	734.77	767.50	808.25	751.33
VISAKHAPATNAM	756.80	774.43	769.90	818.83	855.91	956.92
PARADIP	887.74	847.87	949.52	1074.66	1463.04	1641.22
KOLKATA (a)	1939.66	1253.58	1504.83	1370.36	1554.33	1844.97
All Ports	11623.83	11931.74	13477.47	14310.28	15361.85	17467.46

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

Capital employed= Gross Fixed Assets - Depreciation + Capital 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 - 2009-10 & 2010-11

(Rs. Crore)

Port	Salaries & Wages		Stores		Office & Administrative Security & Medical		Depreciation		Operation & Maintenance		Other Exp		Total	
	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Kolkata	179.55 (32.28)	189.40 (35.03)	2.31 (.42)	1.46 (.27)	63.14 (11.35)	70.44 (13.03)	10.16 (1.83)	11.55 (2.14)	79.87 (14.36)	83.01 (15.35)	221.13 (39.76)	184.76 (34.18)	556.16 (100)	540.62 (100)
HDC	152.44 (16.66)	154.41 (16.74)	13.63 (1.49)	10.96 (1.19)	42.19 (4.61)	39.14 (4.24)	24.16 (2.64)	24.74 (2.68)	73.34 (8.01)	78.64 (8.52)	609.41 (66.59)	614.64 (66.63)	915.17 (100)	922.53 (100)
Paradip	86.67 (22.19)	98.98 (25.3)	23.94 (6.13)	18.38 (4.7)	38.96 (9.97)	44.47 (11.37)	50.34 (12.89)	53.65 (13.72)	169.93 (43.5)	155.39 (39.73)	20.76 (5.31)	20.29 (5.19)	390.60 (100)	391.16 (100)
Visakhapatnam	250.20 (53.84)	211.67 (51.92)	52.36 (11.27)	48.19 (11.82)	52.31 (11.26)	46.56 (11.42)	34.39 (7.4)	34.11 (8.37)	69.71 (15.)	55.97 (13.73)	5.74 (1.24)	11.21 (2.75)	464.71 (100)	407.71 (100)
Chennai	338.91 (63.6)	368.21 (63.51)	11.95 (2.24)	13.33 (2.3)	46.04 (8.64)	41.43 (7.15)	28.53 (5.35)	30.00 (5.17)	52.44 (9.84)	60.71 (10.47)	54.97 (10.32)	66.05 (11.39)	532.84 (100)	579.73 (100)
Tuticorin	46.06 (29.95)	49.05 (40.98)	6.94 (4.51)	6.96 (5.82)	23.92 (15.55)	23.75 (19.84)	12.61 (8.2)	14.99 (12.52)	29.08 (18.91)	24.94 (20.84)	35.20 (22.89)	0.00 (.)	153.81 (100)	119.69 (100)
Cochin	98.98 (42.49)	109.22 (39.79)	9.23 (3.96)	9.95 (3.62)	28.08 (12.05)	28.47 (10.37)	13.32 (5.72)	17.25 (6.28)	83.34 (35.78)	109.61 (39.93)	0.00 (0.00)	0.00 (0.00)	232.95 (100)	274.50 (100)
New Mangalore	78.07 (33.29)	73.05 (29.83)	7.36 (3.14)	9.80 (4.)	22.47 (9.58)	22.60 (9.23)	21.17 (9.03)	21.21 (8.66)	14.77 (6.3)	22.95 (9.37)	90.68 (38.67)	95.30 (38.91)	234.52 (100)	244.91 (100)
Mormugao	112.80 (47.95)	113.90 (47.12)	10.85 (4.61)	14.42 (5.97)	25.76 (10.95)	25.90 (10.71)	13.85 (5.89)	15.77 (6.52)	70.03 (29.77)	69.81 (28.88)	1.96 (.83)	1.92 (.79)	235.25 (100)	241.72 (100)
Mumbai (1)	636.36 (73.11)	699.48 (74.59)	4.43 (.51)	3.51 (.37)	32.70 (3.76)	52.26 (5.57)	57.43 (6.6)	57.29 (6.11)	134.18 (15.42)	120.30 (12.83)	5.35 (.61)	4.98 (.53)	870.45 (100)	937.82 (100)
J. L. Nehru	109.33 (25.1)	134.69 (26.81)	8.91 (2.05)	8.14 (1.62)	46.58 (10.69)	61.54 (12.25)	35.91 (8.24)	35.19 (7.01)	192.97 (44.3)	205.26 (40.86)	41.92 (9.62)	57.53 (11.45)	435.62 (100)	502.35 (100)
Kandla	130.05 (39.84)	189.30 (49.53)	5.27 (1.61)	3.79 (.99)	24.19 (7.41)	24.38 (6.38)	34.08 (10.44)	41.70 (10.91)	128.84 (39.47)	118.28 (30.95)	4.03 (1.23)	4.71 (1.23)	326.46 (100)	382.16 (100)
Ennore	7.46 (7.7)	5.77 (5.1)	0.00 (.)	0.00 (.)	6.16 (6.36)	9.51 (8.45)	12.63 (13.04)	12.93 (11.49)	17.21 (17.77)	17.05 (15.16)	53.39 (55.13)	67.24 (59.77)	96.85 (100)	112.50 (100)
Total	2226.88 (40.89)	2397.13 (42.37)	157.18 (2.89)	149.41 (2.63)	452.50 (8.31)	490.45 (8.67)	348.58 (6.4)	370.38 (6.55)	1115.71 (20.49)	1121.92 (19.83)	1144.54 (21.02)	1128.63 (19.95)	5445.39 (100)	5657.40 (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		
	2008-09	2009-10	2010-11	2008-09	2009-10	2010-11	2008-09	2009-10	2010-11
1	2	3	4	5	6	7	8	9	10
KPT	56.60	56.50	60.08	45.20	45.34	46.67	11.40	11.16	13.40
MbPT	155.90	164.12	174.95	121.42	132.05	141.98	34.48	32.07	32.98
JNPT	168.43	171.50	174.55	65.51	64.79	69.10	102.92	106.70	105.44
MoPT	66.09	66.91	74.34	52.73	48.16	48.32	13.37	18.75	26.02
NMPT	82.03	89.63	97.59	41.41	51.58	59.46	40.62	38.05	38.14
CoPT	134.50	133.16	154.47	126.15	133.66	153.58	8.35	-0.50	0.89
TPT	99.83	101.06	101.47	44.74	49.86	46.52	55.09	51.20	54.95
ChPT	116.80	117.65	111.28	79.23	87.27	94.33	37.57	30.38	16.95
EPL	119.79	133.29	151.95	30.72	28.81	29.39	89.07	104.48	122.56
VPT	93.84	100.88	108.56	54.75	70.95	59.92	39.10	29.94	48.64
PPT	150.11	131.36	125.89	77.17	68.51	69.81	72.94	62.84	56.08
HDS	243.44	291.64	295.76	135.07	202.04	190.04	108.37	89.59	105.72
KDS	293.51	345.56	366.71	241.12	294.06	320.96	52.39	51.50	45.75
All Major Ports	125.75	128.30	132.92	76.49	84.15	86.02	49.26	44.16	46.89

Source: Major Ports

Table 2.2.1

Traffic Handled at Non-Major Ports (State-wise & Port-wise) - 2008-09, 2009-10 & 2010-11

('000 Tonnes)

States/U.T.	2008-09						2009-10						2010-11					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
GUJARAT																		
Bedi	1400	1169	2569	-	29	29	1323	495	1818	20	197	217	1297	651	1948	2	171	173
Bhavnagar	84	-	84	-	-	-	52	-	52	-	-	-	303	22	325	-	-	-
Dahej	9383	1320	10703	120	172	292	10586	1119	11705	514	311	825	11679	1505	13184	857	271	1128
GAPL	30266	2407	32673	2525	353	2878	32774	1477	34251	4792	554	5346	35038	11378	46416	4881	608	5489
GPPL	3087	249	3336	290	83	373	6140	63	6203	354	290	644	5568	2172	7740	79	2	81
Jafraabad	253	2314	2567	-	2243	2243	561	2506	3067	-	2380	2380	389	1905	2294	-	2169	2169
Magdalla	4786	1278	6064	7767	217	7984	4799	1368	6167	9177	947	10124	6094	1335	7429	10480	614	11094
Mul-Dwarka	666	910	1576	-	1851	1851	561	603	1164	-	2007	2007	925	453	1378	-	2468	2468
Navalakhi	2704	130	2834	-	-	-	4344	120	4464	-	-	-	4282	205	4487	33	-	33
Okha	1701	-	1701	-	-	-	1096	-	1096	-	-	-	1103	48	1151	-	-	-
Porbandar	2124	529	2653	26	-	26	492	373	865	152	-	152	185	483	668	232	-	232
Sikka	39468	23233	62701	191	2388	2579	62435	33894	96329	233	10632	10865	65280	38750	104030	330	11046	11376
Veraval	-	-	-	-	66	66	-	-	-	-	73	73	-	-	-	-	74	74
Mundra (Old)	11	98	109	1	-	1	8	34	42	-	-	-	24	39	63	-	-	-
Jakhau	200	1079	1279	-	54	54	359	914	1273	-	96	96	387	738	1125	-	82	82
Others	3580	1	3581	1	4	5	4355	1	4356	-	2	2	4052	216	4268	2	0	2
TOTAL	99713	34717	134430	10921	7460	18381	129885	42967	172852	15242	17489	32731	136606	59900	196506	16896	17505	34401
MAHARASHTRA																		
Dabhol	-	-	-	32	189	221	11	-	11	22	5	27	1	-	1	12	5	17
Dahanu	341	-	341	-	-	-	-	-	-	824	-	824	-	-	-	674	-	674
Dharamtar	2171	62	2233	2856	-	2856	3802	104	3906	2893	40	2933	2569	651	3220	3857	4	3861
Ratnagiri	360	-	360	365	-	365	259	-	259	438	-	438	514	-	514	391	50	441
Rewdanda	-	999	999	-	30	30	411	146	557	395	291	686	809	129	938	717	18	735
Ulwa-Belapur	-	-	-	1559	3	1562	-	-	-	1518	-	1518	-	1	1	1623	-	1623
Jaigad	21	350	371	-	-	-	2	173	175	-	-	-	633	422	1055	244	44	288
Redi	-	529	529	-	-	-	486	-	486	-	-	-	-	709	709	-	-	-
Dighi (Rajpuri)	-	161	161	-	67	67	-	-	-	-	-	-	-	212	212	20	64	84
Kelshi	-	262	262	-	43	43	-	223	223	-	-	-	203	286	489	-	10	10
Others	-	13	13	1	2	3	-	-	-	2	1	3	1	1	2	1	-	1
TOTAL	2893	2376	5269	4813	334	5147	4971	646	5617	6092	337	6429	4730	2411	7141	7539	195	7734
GOA																		
Panaji	-	11900	11900	-	1	1	218	13679	13897	-	-	-	96	14468	14564	17	-	17
TOTAL	-	11900	11900	-	1	1	218	13679	13897	-	-	-	96	14468	14564	17	-	17

Note : The cargo data of GAPL & GPPL for 2008-09 & 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 & Port-wise) - 2008-09, 2009-10 & 2010-11

('000 Tonnes)

States/U.T.	2008-09						2009-10						2010-11					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
ANDHRA PRADESH																		
Kakinada																		
Anchorage Port	746	1374	2120	-	72	72	290	475	765	-	54	54	358	746	1104	13	29	42
Deep Water Port	10733	2890	13623	890	-	890	7097	3494	10591	1332	14	1346	7000	2337	9337	1314	154	1468
Rawa	-	-	-	-	2179	2179	-	-	-	-	1847	1847	-	-	-	-	1561	1561
Krishnapatnam	712	7489	8201	8	-	8	5002	11121	16123	12	-	12	10049	5856	15905	10	-	10
Gangavaram	2498	129	2627	-	-	-	10157	2691	12848	97	7	104	11256	2584	13840	-	-	-
TOTAL	14689	11882	26571	898	2251	3149	22546	17781	40327	1441	1922	3363	28663	11523	40186	1337	1744	3081
TAMIL NADU																		
Ennore	21	-	21	-	-	-	45	-	45	-	-	-	58	-	58	-	-	-
PY-3	-	-	-	-	114	114	-	-	-	-	68	68	-	-	-	-	152	152
Nagapattinam	46	-	46	163	182	345	57	-	57	295	253	548	36	7	43	484	334	818
Thrukkadaiyur	10	-	10	352	-	352	-	-	-	326	-	326	-	-	-	327	-	327
Cuddalore	4	-	4	-	2	2	108	11	119	-	2	2	210	-	210	-	1	1
Others	4	-	4	-	-	-	8	-	8	-	1	1	2	-	2	-	-	-
TOTAL	85	-	85	515	298	813	218	11	229	621	324	945	306	7	313	811	487	1298
KERALA																		
Kozikode/Beyepore	-	11	11	48	62	110	-	-	-	34	71	105	-	-	-	30	77	107
Kovalam/Vizhinjam	-	10	10	-	-	-	-	11	11	-	-	-	-	7	7	2	-	2
Others	-	-	-	-	-	-	-	3	3	-	-	-	1	1	2	5	1	6
TOTAL	-	21	21	48	62	110	-	14	14	34	71	105	1	8	9	37	78	115
KARNATAKA																		
Karwar	55	2885	2940	17	-	17	120	1931	2051	150	-	150	85	947	1032	84	11	95
Old Mangalore	-	-	-	9	84	93	-	-	-	8	69	77	-	-	-	15	121	136
Malpe	-	-	-	-	6	6	-	-	-	1	1	2	1	-	1	-	-	-
Tadri	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Belkeri	-	1911	1911	1	-	1	-	6254	6254	12	-	12	-	1831	1831	-	-	-
Others	-	-	-	-	-	-	-	1	1	-	-	-	1	-	-	-	-	-
TOTAL	55	4796	4851	27	90	117	120	8186	8306	171	70	241	86	2778	2864	99	132	231
PUDUCHERRY																		
Pondicherry	47	-	47	-	-	-	1278	38	1316	-	-	-	4627	101	4728	-	-	-
TOTAL	47	-	47	-	-	-	1278	38	1316	-	-	-	4627	101	4728	-	-	-
ORISSA																		
Gopalpur	201	94	295	-	-	-	174	291	465	-	-	-	174	291	465	-	-	-
TOTAL	201	94	295	-	-	-	174	291	465	-	-	-	174	291	465	-	-	-
SEA ISLANDS																		
Andaman Nicobar	76	-	76	1258	675	1933	476	10	486	1082	506	1588	342	-	342	985	352	1337
Lakshadweep	-	-	-	26	-	26	-	-	-	26	-	26	-	-	-	26	-	26
TOTAL	76	-	76	1284	675	1959	476	10	486	1108	506	1614	342	0	342	1011	352	1363

Source : State / UT Maritime Boards

Table 2.2.2

**Traffic Handled at Non-Major Ports (State-wise & Principal Commodity-wise) -
2008-09, 2009-10 & 2010-11**

('000 Tonnes)

	2008-09						2009-10						2010-11					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
GUJARAT																		
POL & other Product:	56275	24366	80641	4230	2511	6741	78761	34407	113168	8758	10891	19649	82317	38695	121012	8958	10905	19863
Coal	15804	592	16396	10	58	68	21003	519	21522	17	97	114	28302	1132	29434	22	275	297
Building Material	876	3697	4573	877	4135	5012	344	3433	3777	1090	4454	5544	153	2614	2767	1294	4737	6031
Fertiliser & FRM	4918	174	5092	-	-	-	4783	238	5021	0	0	0	5876	209	6085	-	-	-
Chemicals	431	468	899	55	210	265	624	154	778	40	334	374	406	1078	1484	37	309	346
Iron Ore	52	212	264	5584	52	5636	599	216	815	5082	948	6030	797	50	847	6309	-	6309
Iron & Steel	1510	1719	3229	107	144	251	1211	945	2156	156	192	348	1638	1205	2843	2	580	582
Other Ore	3069	437	3506	26	-	26	1753	130	1883	80	242	322	1286	198	1484	51	191	242
Foodgrains	17	33	50	-	25	25	7	236	243	0	5	5	-	693	693	20	5	25
Salt	43	996	1039	-	102	102	31	806	837	0	140	140	-	898	898	-	60	60
Oil Cake	-	564	564	-	-	-	0	185	185	0	1	1	-	381	381	-	1	1
Edible Oil	1942	132	2074	-	12	12	682	858	1540	0	0	0	673	1348	2021	-	42	42
Others *	14776	1327	16103	32	211	243	20087	840	20927	19	185	204	15158	11399	26557	203	400	603
Total	99713	34717	134430	10921	7460	18381	129885	42967	172852	15242	17489	32731	136606	59900	196506	16896	17505	34401
MAHARASHTRA																		
Iron Ore	168	1528	1696	2577	-	2577	1932	154	2086	2891	78	2969	1186	850	2036	3078	6	3084
Iron & Steel	342	-	342	15	30	45	22	6	28	40	57	97	45	27	72	20	15	35
POL & other Product:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Building Material	-	-	-	2163	189	2352	36	-	36	2163	-	2163	150	1	151	2076	50	2126
Coal	1420	-	1420	40	-	40	2012	-	2012	868	-	868	2381	499	2880	2115	2	2117
Fertiliser & FRM	277	-	277	-	-	-	205	-	205	16	-	16	145	44	189	40	-	40
Chemicals	233	-	233	-	-	-	123	-	123	34	-	34	164	-	164	59	-	59
Others	453	848	1301	18	115	133	641	486	1127	80	202	282	659	990	1649	151	122	273
Total	2893	2376	5269	4813	334	5147	4971	646	5617	6092	337	6429	4730	2411	7141	7539	195	7734
GOA																		
Iron Ore	-	11900	11900	-	1	1	-	13679	13679	-	-	-	96	14468	14564	17	-	17
Coal	-	-	-	-	-	-	218	-	218	-	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	11900	11900	-	1	1	218	13679	13897	-	-	-	96	14468	14564	17	-	17

Table 2.2.2 (Contd...)

**Traffic Handled at Non-Major Ports (State-wise & Principal Commodity-wise) -
2008-09, 2009-10 & 2010-11**

('000 Tonnes)

Commodity	2008-09						2009-10						2010-11					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
TAMIL NADU																		
POL & other Product:	-	-	-	515	288	803	97	-	97	621	317	938	210	-	210	811	482	1293
Edible Oil	46	-	46	-	-	-	47	-	47	-	-	-	36	-	36	-	-	-
Fertiliser & FRM	21	-	21	-	-	-	45	-	45	-	-	-	58	-	58	-	-	-
Bldg. Material	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-
Others	18	-	18	-	10	10	29	11	40	-	7	7	2	-	2	-	5	5
Total	85	-	85	515	298	813	218	11	229	621	324	945	306	7	313	811	487	1298
KERALA																		
Bldg. Material	-	-	-	-	40	40	-	-	-	-	26	26	-	-	-	2	9	11
POL & other Product:	-	11	11	-	-	-	-	-	-	-	1	1	-	-	-	17	-	17
Others	-	10	10	48	22	70	-	14	14	34	44	78	1	8	9	18	69	87
Total	-	21	21	48	62	110	-	14	14	34	71	105	1	8	9	37	78	115
PUDUCHERRY																		
Building Material	-	-	-	-	-	-	-	22	22	-	-	-	-	2	2	-	-	-
Coal	-	-	-	-	-	-	1157	-	1157	-	-	-	3974	-	3974	-	-	-
Others	47	-	47	-	-	-	121	16	137	-	-	-	653	99	752	-	-	-
Total	47	-	47	-	-	-	1278	38	1316	-	-	-	4627	101	4728	-	-	-
A & N ISLANDS																		
POL & other Product:	6	-	6	142	17	159	6	-	6	142	17	159	6	-	6	146	16	162
Bldg. Material	1	-	1	690	429	1119	-	-	-	526	311	837	5	-	5	460	206	666
Foodgrains	64	-	64	90	77	167	42	10	52	86	43	129	6	-	6	63	17	80
Fertiliser & FRM	-	-	-	3	1	4	-	-	-	6	2	8	-	-	-	4	2	6
Others	5	0	5	333	151	484	428	-	428	322	133	455	325	-	325	312	111	423
Total	76	-	76	1258	675	1933	476	10	486	1082	506	1588	342	-	342	985	352	1337
LAKSHADWEEP																		
Others	-	-	-	26	-	26	-	-	-	26	-	26	-	-	-	26	-	26
Total	-	-	-	26	-	26	-	-	-	26	-	26	-	-	-	26	-	26
ANDHRA PRADESH																		
POL & other Product:	6763	-	6763	496	2179	2675	1605	-	1605	212	1849	2061	964	-	964	258	1564	1822
Fertiliser & FRM	3230	-	3230	-	1	1	4123	-	4123	51	-	51	5728	-	5728	70	1	71
Edible Oil	1019	-	1019	-	-	-	985	42	1027	7	-	7	1222	9	1231	-	-	-
Coal	3107	19	3126	394	-	394	14217	-	14217	1026	-	1026	18622	-	18622	996	-	996
Bldg. Material	75	9	84	-	71	71	154	500	654	-	54	54	-	456	456	-	28	28
Chemicals	48	-	48	-	-	-	36	-	36	9	-	9	-	-	-	-	-	-
Iron ore	52	9413	9465	-	-	-	-	15263	15263	-	-	-	-	8957	8957	-	-	-
Others	395	2441	2836	8	-	8	1426	1976	3402	136	19	155	2127	2101	4228	13	151	164
Total	14689	11882	26571	898	2251	3149	22546	17781	40327	1441	1922	3363	28663	11523	40186	1337	1744	3081

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

**Traffic Handled at Non-Major Ports (State-wise & Principal Commodity-wise) -
2008-09, 2009-10 & 2010-11**

(’000 Tonnes)

Commodity	2008-09						2009-10						2010-11					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
KARNATAKA																		
Other Minerals	-	379	379	-	64	64	-	332	332	-	5	5	-	360	360	-	-	-
Fertiliser & FRM	29	-	29	-	-	-	-	-	-	-	-	-	17	-	17	-	-	-
Salt	-	66	66	1	-	1	-	-	-	63	13	76	-	-	-	32	-	32
Coal	13	-	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POL & other Product:	-	-	-	16	1	17	-	-	-	36	-	36	3	-	3	28	-	28
Bldg. Material	-	-	-	-	7	7	-	-	-	-	29	29	-	-	-	-	77	77
Iron ore	-	4283	4283	-	-	-	-	7841	7841	-	-	-	-	2322	2322	-	-	-
Others	13	68	81	10	18	28	120	13	133	72	23	95	66	96	162	39	55	94
Total	55	4796	4851	27	90	117	120	8186	8306	171	70	241	86	2778	2864	99	132	231
ORISSA																		
Fertiliser & FRM	201	-	201	-	-	-	32	-	32	-	-	-	32	-	32	-	-	-
Iron ore	-	41	41	-	-	-	-	130	130	-	-	-	-	130	130	-	-	-
Coal	-	-	-	-	-	-	142	-	142	-	-	-	142	-	142	-	-	-
Others	-	53	53	-	-	-	-	161	161	-	-	-	-	161	161	-	-	-
Total	201	94	295	-	-	-	174	291	465	-	-	-	174	291	465	-	-	-
ALL STATES																		
POL & other Pdcts	63044	24377	87421	5399	4996	10395	80469	34407	114876	9769	13075	22844	83500	38695	122195	10218	12967	23185
Coal	20344	611	20955	444	58	502	38749	519	39268	1911	97	2008	53421	1631	55052	3133	277	3410
Building Material	952	3706	4658	3730	4871	8601	534	3955	4489	3779	4874	8653	308	3080	3388	3832	5107	8939
Fertiliser & FRM	8676	174	8850	3	2	5	9188	238	9426	73	2	75	11856	253	12109	114	3	117
Chemicals	712	468	1180	55	210	265	783	154	937	83	334	417	570	1078	1648	96	309	405
Iron Ore	272	27377	27649	8161	53	8214	2531	37283	39814	7973	1026	8999	2079	26777	28856	9404	6	9410
Iron & Steel	1852	1719	3571	122	174	296	1233	951	2184	196	249	445	1683	1232	2915	22	595	617
Other Ore	3069	437	3506	26	-	26	1753	130	1883	80	242	322	1286	198	1484	51	191	242
Salt	43	1062	1105	1	102	103	31	806	837	63	153	216	-	898	898	32	60	92
Oil Cake	-	564	564	-	-	-	-	185	185	-	1	1	-	381	381	-	1	1
Edible Oil	3007	132	3139	-	12	12	1714	900	2614	7	-	7	1931	1357	3288	-	42	42
Foodgrains	81	33	114	90	102	192	49	246	295	86	48	134	6	693	699	83	22	105
Other Minerals	-	379	379	-	64	64	-	332	332	-	5	5	-	360	360	-	-	-
Others	15707	4747	20454	475	527	1002	22852	3517	26369	689	613	1302	18991	14854	33845	762	913	1675
Total	117759	65786	183545	18506	11171	29677	159886	83623	243509	24709	20719	45428	175631	91487	267118	27747	20493	48240

Source : States/UT Maritime Boards

Table 2.2.3

**Commodity-wise Overseas Cargo Traffic Handled At Select
Non-Major Ports - 2008-09, 2009-10, & 2010-11**

('000 Tonnes)

Port/Commodity	2008-09			2009-10			2010-11		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
GUJARAT									
1. Bedi	1400	1169	2569	1323	495	1818	1297	651	1948
a)Others Ore	-	418	418	-	94	94	-	-	-
b)Fertilizers & FRM	634	-	634	548	-	548	455	-	455
c)Oil Cakes	-	564	564	-	185	185	-	381	381
d)Coal	762	65	827	775	214	989	842	270	1112
e)Others	4	122	126	-	2	2	-	-	-
2. Okha	1701	-	1701	1096	-	1096	1103	48	1151
a)Chemicals	135	-	135	103	-	103	-	47	47
b) Coal	602	-	602	546	-	546	681	-	681
c)Ore	760	-	760	411	-	411	-	-	-
d)Others	204	-	204	36	-	36	422	1	423
3.GAPL	30338	2407	32745	32774	1477	34251	35038	11378	46416
a)Edible Oil	555	-	555	498	-	498	442	-	442
b)Food grains	-	-	-	-	208	208	-	664	664
c)Iron & steel	1406	1209	2615	1072	790	1862	1520	913	2433
d)POL&Other Products	8124	32	8156	8052	22	8074	8009	175	8184
e)Fertiliser&FRM	2667	-	2667	2076	-	2076	3167	-	3167
f)Coal	7267	93	7360	8518	20	8538	13990	468	14458
g)Others	10319	1073	11392	12558	437	12995	7910	9158	17068
4.Navalakhi	2704	130	2834	4344	120	4464	4282	205	4487
a)Coal	2704	-	2704	4344	-	4344	4244	-	4244
b)Salt	-	130	130	-	120	120	-	205	205
c)Others	-	-	-	-	-	-	38	-	38
5.Mul-Dwarka	666	910	1576	561	603	1164	925	453	1378
a)Building Material	-	910	910	-	603	603	-	453	453
b)Coal	548	-	548	481	-	481	803	-	803
c)POL&Other Products	11	-	11	28	-	28	-	-	-
d)Others	107	-	107	52	-	52	122	-	122
6. Sikka	39468	23233	62701	62435	33894	96329	65280	38750	104030
a)POL&Other Products	37351	22835	60186	61121	32412	93533	64206	36441	100647
b)Fertiliser & FRM	670	174	844	953	239	1192	711	209	920
c)Building Material	-	77	77	-	77	77	-	47	47
d)Coal	52	-	52	177	-	177	108	-	108
e)Edible oil	1386	132	1518	184	858	1042	232	1347	1579
f)Others	9	15	24	-	308	308	23	706	729
7. Magdalla	4786	1278	6064	4799	1368	6167	6094	1335	7429
a)POL&Other Products	2359	626	2985	383	948	1331	206	901	1107
b)Iron Ore	-	212	212	584	216	800	797	50	847
c)Iron & Steel	41	319	360	79	110	189	3	293	296
d)Coal	2124	-	2124	2953	-	2953	4119	-	4119
e)Others	262	121	383	800	94	894	969	91	1060
8. Jafarabad	253	2314	2567	561	2506	3067	389	1905	2294
a)Coal	253	-	253	561	-	561	389	-	389
b)Building Material	-	2314	2314	-	2506	2506	-	1905	1905
c)Others	-	-	-	-	-	-	-	-	-

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

**Commodity-wise Overseas Cargo Traffic Handled At Select
Non-Major Ports - 2008-09, 2009-10, & 2010-11**

('000 Tonnes)

Port/Commodity	2008-09			2009-10			2010-11		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
9. Dahej	9383	1320	10703	10586	1119	11705	11679	1505	13184
a)POL&Other Products	6870	814	7684	7776	973	8749	8685	1121	9806
b)Chemicals	192	468	660	261	122	383	229	345	574
c)Fertiliser&FRM	512	-	512	518	-	518	440	-	440
d)Coal	344	-	344	479	-	479	863	-	863
e)Other ores	1195	19	1214	1241	-	1241	1280	-	1280
f)Others	270	19	289	311	24	335	182	39	221
10. GPPL	3087	249	3336	6140	63	6203	5568	2172	7740
a)Building Material	-	57	57	-	19	19	-	-	-
b)Coal	836	-	836	1758	-	1758	1675	-	1675
c)Iron&Steel	39	191	230	55	44	99	22	-	22
d)Fertiliser&FRM	432	-	432	689	-	689	1022	-	1022
e)Others	1780	1	1781	3638	-	3638	2849	2172	5021
MAHARASHTRA									
1. Revdanda	-	999	999	411	146	557	809	129	938
a)Iron Ore	-	999	999	392	106	498	500	102	602
b)Coal	-	-	-	19	-	19	309	-	309
c) Others	-	-	-	-	40	40	-	27	27
2. Ratnagiri	360	-	360	259	-	259	514	-	514
a) Chemicals	233	-	233	123	-	123	164	-	164
b) POL&Other Products	-	-	-	-	-	-	-	-	-
c) Coal	-	-	-	55	-	55	162	-	162
d) Others	127	-	127	81	-	81	188	-	188
3) Dharamtar	2171	62	2233	3802	104	3906	2569	651	3220
a) Iron ore	168	-	168	1054	49	1103	687	39	726
b) Coal	1080	-	1080	1938	-	1938	1436	329	1765
c)Iron&Steel	342	-	342	22	6	28	31	-	31
d)Fertiliser&FRM	277	-	277	205	-	205	145	44	189
e)Others	304	62	366	583	49	632	270	239	509
4) Dahanu	341	-	341	-	-	-	-	-	-
a) Coal	341	-	341	-	-	-	-	-	-
5)Dabhol	-	-	-	11	-	11	1	-	1
a) POL&Other Products	-	-	-	-	-	-	-	-	-
b)Others	-	-	-	11	-	11	1	-	1
KARNATAKA									
1. Karwar	55	2885	2940	120	1931	2051	85	947	1032
a)Fertilizer &FRM	29	-	29	-	-	-	17	-	17
b) Other minerals	-	379	379	-	332	332	-	360	360
c)Iron ore	-	2376	2376	-	1599	1599	-	491	491
d)POL&Other Products	-	-	-	-	-	-	3	-	3
e)Others	26	130	156	120	-	120	65	96	161
2.Belkeri	-	1911	1911	-	6254	6254	-	1831	1831
a) Iron ore	-	1907	1907	-	6242	6242	-	1831	1831
b)Others	-	4	4	-	12	12	-	-	-
KERALA									
1.Kozikode/Beyppore	-	11	11	-	-	-	-	-	-
a)Others	-	11	11	-	-	-	-	-	-
2.Kovalam-Vizhinjam	-	10	10	-	11	11	-	7	7
a)Others	-	10	10	-	11	11	-	7	7

Table 2.2.3

**Commodity-wise Overseas Cargo Traffic Handled At Select
Non-Major Ports - 2008-09, 2009-10, & 2010-11**

('000 Tonnes)

Port/Commodity	2008-09			2009-10			2010-11		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
TAMILNADU									
1. Ennore	21	-	21	45	-	45	58	-	58
a) Fertiliser & FRM	21	-	21	45	-	45	58	-	58
b) Others	-	-	-	-	-	-	-	-	-
2. Nagapattinam	46	-	46	57	-	57	36	7	43
a) Edible Oil	46	-	46	47	-	47	36	-	36
b) Others	-	-	-	10	-	10	-	7	7
3. Cuddalore	46	-	46	108	11	119	210	-	210
a) POL & Other Products	46	-	46	97	-	97	210	-	210
b) Others	-	-	-	11	11	22	-	-	-
GOA									
Panaji	-	11900	11900	218	13679	13897	96	14468	14564
a) Iron ore	-	11900	11900	-	13679	13679	96	14468	14564
b) Coal	-	-	-	218	-	218	-	-	-
c) Others	-	-	-	-	-	-	-	-	-
ANDHRA PRADESH									
1. Kakinada Anchorage Port	747	1374	2121	290	475	765	358	746	1104
a) Foodgrain	34	524	558	-	432	432	-	746	746
b) Fertiliser & FRM	613	-	613	109	-	109	123	-	123
c) Coal	92	-	92	154	-	154	147	-	147
d) Others	8	850	858	27	43	70	88	-	88
2. Kakinada Deep Water Port	10733	2890	13623	7097	3494	10591	7000	2337	9337
a) Fertiliser & FRM	2432	-	2432	2960	-	2960	3125	-	3125
b) Edible Oil	1014	-	1014	939	-	939	855	9	864
c) POL & Other Products	6762	-	6762	1605	-	1605	964	-	964
d) Iron ore	-	1906	1906	-	2429	2429	-	1018	1018
e) Coal	418	19	437	1165	-	1165	1500	-	1500
e) Others	107	965	1072	428	1065	1493	556	1310	1866
3. Krishnapatinam	712	7489	8201	5002	11121	16123	10049	5856	15905
a) Fertiliser & FRM	186	-	186	850	-	850	2115	-	2115
b) Iron ore	52	7422	7474	-	10622	10622	-	5355	5355
c) Coal	441	-	441	3878	-	3878	7389	-	7389
d) Others	33	67	100	274	499	773	545	501	1046
4. Gangavaram	-	-	-	10157	2691	12848	11256	2584	13840
a) Fertiliser & FRM	-	-	-	203	-	203	365	-	365
b) Iron ore	-	-	-	-	2213	2213	-	2584	2584
c) Coal	-	-	-	9019	-	9019	9587	-	9587
d) Others	-	-	-	935	478	1413	1304	-	1304
ORISSA									
Gopalpur	201	94	295	174	291	465	174	291	465
a) Fertiliser & FRM	201	-	201	32	-	32	32	-	32
b) Iron ore	-	41	41	-	130	130	-	130	130
c) Others	-	53	53	142	161	303	142	161	303
PUDUCHERRY									
a) Chemicals	47	-	47	1278	38	1316	4627	101	4728
b) Building Material	47	-	47	20	10	30	21	19	40
c) Coal	-	-	-	-	22	22	-	2	2
d) Others	-	-	-	1157	-	1157	3974	-	3974
	-	-	-	101	6	107	632	80	712

Source : State / UT Maritime Boards

Table 2.2.4

**Commodity-wise Coastal Cargo Traffic Handled At Select
Non-Major Ports - 2008-09, 2009-10 & 2010-11**

('000 Tonnes)

Port/Commodity	2008-09			2009-10			2010-11		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
GUJARAT									
1.Bedi	-	29	29	20	197	217	2	171	173
a)Coal	-	29	29	-	84	84	-	171	171
b)Building Material	-	-	-	20	-	20	2	-	2
c)Fertiliser&FRM	-	-	-	-	-	-	-	-	-
d)Others	-	-	-	-	113	113	-	-	-
2.Okha	-	-	-	-	-	-	-	-	-
a) Others	-	-	-	-	-	-	-	-	-
3.GAPL	2525	353	2878	4792	554	5346	4881	608	5489
a)POL&Other Products	2396	183	2579	4752	323	5075	4880	235	5115
b)Coal	-	-	-	-	-	-	-	104	104
c) Iron Ore	128	-	128	-	-	-	-	-	-
d)Others	1	170	171	40	231	271	1	269	270
4.Navlakhi	-	-	-	-	-	-	33	-	33
a) Others	-	-	-	-	-	-	33	-	33
5.Mul-Dwarka	-	1851	1851	-	2007	2007	-	2468	2468
a)Building Material	-	1851	1851	-	2007	2007	-	2468	2468
6.Sikka	191	2388	2579	233	10632	10865	330	11046	11376
a) POL&Other Products	179	2322	2501	233	10632	10865	330	10669	10999
b) Edible oil	-	-	-	-	-	-	-	42	42
c) Salt	-	66	66	-	64	64	-	32	32
d) Others	12	-	12	-	-	-	-	303	303
7.Magdalla	7767	216	7983	9177	946	10123	10480	614	11094
a) POL&Other Products	1558	6	1564	3276	-	3276	3091	-	3091
b)Building Material	852	-	852	918	-	918	1050	-	1050
c) Iron Ore	5285	-	5285	4871	732	5603	6283	-	6283
d) Iron & Steel	4	71	75	55	123	178	-	521	521
e) Others	68	139	207	57	91	148	56	93	149
8.Jafarabad	-	2243	2243	-	2380	2380	-	2169	2169
a)Building Material	-	2243	2243	-	2380	2380	-	2169	2169
9.Dahej	120	172	292	514	311	825	857	271	1128
a) POL&Other Products	97	-	97	496	-	496	657	-	657
b)Chemicals	11	172	183	6	311	317	5	271	276
c)Others	12	-	12	12	-	12	195	-	195
10.GPPL	290	83	373	354	290	644	79	2	81
a)Building Material	1	7	8	-	-	-	-	-	-
b) Iron & Steel	90	4	94	64	40	104	-	-	-
c)Iron Ore	170	52	222	211	216	427	27	-	27
d)Others	29	20	49	79	34	113	52	-	52
KARNATAKA									
1.Karwar	17	-	17	150	-	150	84	11	95
a)Salt	-	-	-	63	-	63	32	-	32
b)Others	17	-	17	87	-	87	52	11	63
2.Mangalore	9	84	93	8	69	77	15	121	136
a)Other Minerals	-	58	58	-	4	4	-	-	-
b)Building Material	-	7	7	-	29	29	-	77	77
c)Others	9	19	28	8	36	44	15	44	59

Table 2.2.4

**Commodity-wise Coastal Cargo Traffic Handled At Select
Non-Major Ports - 2008-09, 2009-10 & 2010-11**

('000 Tonnes)

Port/Commodity	2008-09			2009-10			2010-11		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
MAHARASHTRA									
1.Ratnagiri	365	-	365	438	-	438	391	50	441
a)Building Material	365	-	365	373	-	373	232	50	282
b) POL&Other Products	-	-	-	-	-	-	-	-	-
c) Others	-	-	-	65	-	65	159	-	159
2.Dharamtar	2856	-	2856	2893	40	2933	3857	4	3861
a) Iron Ore	2577	-	2577	2496	-	2496	2386	-	2386
b)Building Material	239	-	239	270	-	270	221	-	221
c)Coal	40	-	40	40	-	40	1118	2	1120
d) Others	-	-	-	87	40	127	132	2	134
3. Revdanda	-	30	30	395	291	686	717	18	735
a) Iron Ore	-	-	-	395	77	472	692	6	698
b) Iron & Steel	-	30	30	-	57	57	-	12	12
c) Others	-	-	-	-	157	157	25	-	25
4. Ulwa-Belapur	1559	3	1562	1518	-	1518	1623	-	1623
a)Building Material	1559	-	1559	1518	-	1518	1623	-	1623
b) Others	-	3	3	-	-	-	-	-	-
5.Dabhol	32	190	222	22	5	27	12	5	17
a)POL&other Products	-	-	-	-	-	-	-	-	-
b)Building Material	-	190	190	-	-	-	-	-	-
c) Others	32	-	32	22	5	27	12	5	17
6.Dahanu	-	-	-	824	-	824	674	-	674
a)Coal	-	-	-	824	-	824	674	-	674
b)Building Material	-	-	-	-	-	-	-	-	-
GOA									
1. Panaji	-	1	1	-	-	-	17	-	17
a) Iron ore	-	1	1	-	-	-	17	-	17
b) Others	-	-	-	-	-	-	-	-	-
KERALA									
1.Kozikoda/ Beypore	48	62	110	34	71	105	30	77	107
a)Building material	-	39	39	-	26	26	-	9	9
b)Foodgrains	16	1	17	12	-	12	4	-	4
c)Others	32	22	54	22	45	67	26	68	94
2)Neendakara	-	-	-	-	-	-	-	-	-
3)Kovlam-Vizanjam	-	-	-	-	-	-	2	-	2
a)Others	-	-	-	-	-	-	2	-	2
ANDHRA PRADESH									
1.Rawa Port	-	2179	2179	-	1847	1847	-	1561	1561
a)Crude Oil	-	2179	2179	-	1847	1847	-	1561	1561
2.Kakinada Anchorage Port	-	72	72	-	54	54	13	29	42
a)Salt	-	-	-	-	-	-	-	-	-
b)Building material	-	71	71	-	54	54	-	28	28
c)Others	-	1	1	-	-	-	13	1	14
3.Kakinada Deep Water	890	-	890	1332	14	1346	1314	154	1468
a)POL&other Products	496	-	496	212	2	214	258	2	260
b)Chemical	-	-	-	8	-	8	-	-	-
c)Coal	394	-	394	1026	-	1026	986	-	986
d)Other	-	-	-	86	12	98	70	152	222
4.Gangavaram	-	-	-	97	7	104	-	-	-
a)Iron & steel	-	-	-	97	7	104	-	-	-
b)Other	-	-	-	-	-	-	-	-	-
TAMIL NADU									
1.py-03	-	114	114	-	68	68	-	152	152
a)Crude Oil	-	114	114	-	68	68	-	152	152
2.Nagapattinam	163	182	345	295	253	548	484	334	818
a)POL&other Products	163	174	337	294	248	542	484	330	814
b)Others	-	8	8	1	5	6	-	4	4
3.Ennore	-	-	-	-	-	-	-	-	-
4.Thirukkadaiyur	352	-	352	326	-	326	327	-	327
a)Crude Oil	352	-	352	326	-	326	327	-	327
b)Others	-	-	-	-	-	-	-	-	-
ANDAMAN & NICOBAR									
a)Building Material	1258	675	1933	1083	506	1589	985	352	1337
b)POL&Other Products	690	429	1119	526	311	837	460	206	666
c)Foodgrains	142	17	159	141	17	158	146	16	162
d)Others	90	77	167	86	43	129	63	17	80
	336	152	488	330	135	465	316	113	429

Source : State / UT Maritime Boards

Table 2.2.5

Cargo Handled at Non-Major Ports (By Steamers & Sailing vessels) State Wise - 2009-10 & 2010-11

(000 'Tonnes)

State/Port	Overseas				Coastal				Total	
	Unloaded		Loaded		Unloaded		Loaded		Overseas & Coastal	
	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11
1	2	3	4	5	6	7	8	9	10	11
Gujarat	129885	136606	42967	59900	15242	16896	17489	17505	205583	230907
Steamers	129870	136562	42967	59870	15242	16896	17489	17431	205568	230759
S.V.	15	44	38	30	-	-	45	74	98	148
Maharashtra	4971	4730	646	2411	6092	7539	337	195	12046	14875
Steamers	4971	4730	646	2411	6092	7539	337	195	12046	14875
S.V.	-	-	-	-	-	-	-	-	-	-
Goa	218	96	13679	14468	-	17	-	-	13897	14581
Steamers	218	96	13679	14468	-	17	-	-	13897	14581
S.V.	-	-	-	-	-	-	-	-	-	-
Karnataka	120	86	8186	2778	171	99	70	132	8547	3095
Steamers	120	86	8186	2778	171	99	70	132	8547	3095
S.V.	-	-	-	-	-	-	-	-	-	-
Tamilnadu	218	306	11	7	621	811	324	487	1174	1611
Steamers	218	306	11	7	621	811	324	487	1174	1611
S.V.	-	-	-	-	-	-	-	-	-	-
Andhra Pradesh	22546	28663	17781	11523	1441	1337	1922	1744	43690	43267
Steamers	22546	28663	17781	11523	1441	1337	1922	1744	43690	43267
S.V.	-	-	-	-	-	-	-	-	-	-

Table 2.2.5

Cargo Handled at Non-Major Ports (By Steamers & Sailing vessels) State Wise - 2009-10 & 2010-11

(000' Tonnes)

State/Port	Overseas				Coastal				Total	
	Unloaded		Loaded		Unloaded		Loaded		Overseas & Coastal	
	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11
1	2	3	4	5	6	7	8	9	10	11
Kerala	-	1	14	8	34	37	71	78	119	124
Steamers	-	-	14	7	34	2	71	1	119	10
S.V.	-	1	14	1	34	35	71	77	-	114
Puducherry	1278	4627	38	101	-	-	-	-	1316	4728
Steamers	1278	4627	38	101	-	-	-	-	1316	4728
S.V.	-	-	-	-	-	-	-	-	-	-
Orissa	174	174	291	291	-	-	-	-	465	465
Steamers	174	174	291	291	-	-	-	-	465	465
S.V.	-	-	-	-	-	-	-	-	-	-
Sea Islands	476	342	10	-	1108	1011	506	352	2100	1705
Steamers	476	342	10	-	1108	1011	506	352	2100	1705
S.V.	-	-	-	-	-	-	-	-	-	-
All States	159886	175631	83623	91487	24709	27747	20719	20493	288937	315358
Steamers	159871	175586	83623	91456	24709	27712	20719	20342	288922	315096
S.V.	15	45	52	31	34	35	116	151	98	262

Source : State / UT Maritime Boards

Table 2.2.6**Manpower Employment At Non-Major
Ports - 2010-11****(In No.)**

States/UTs	Officers		Regular Workers		Casual Workers
	Sanctioned	Actual	Sanctioned	Actual	
1	2	3	4	5	6
Gujarat	158	113	1094	868	4901
Maharashtra	42	30	72	54	9
Goa	11	6	145	135	-
Daman & Diu	2	2	21	20	6
Karnataka*	117	67	181	78	5330
Kerala	60	36	320	159	4
Tamil Nadu	13	24	72	27	3
Puducherry	8	4	92	62	7
Andhra Pradesh	204	200	85	69	450
Andaman & Nicobar Islands	31	20	495	428	17
Orissa	34	34	42	84	4880
Total	680	536	2619	1984	15607

* 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.

Data of Maharashtra, A.P & Karnataka are related to the last year.

Source : State / UT Maritime Boards

Table 2.2.7

Physical Performance of Non-Major Ports (2009-10 & 2010-11)

Maritime State/U.Ts./Port	No. of Vessels Left		Turn Round Time (in Days)	
	2009-10	2010-11	2009-10	2010-11
1	2	3	4	5
GUJARAT				
Porbandar	129	140	2.9	2.9
Okha	58	33	Neg	Neg
Bedi	95	109	5.6	5.6
Sikka	1458	1456	Neg	Neg
Navalakhi	105	114	Neg	Neg
Jafarabad	741	724	Neg	Neg
Bhavnagar	1	8	Neg	Neg
Mul-Dwarka	61	905	1.0	0.6
GAPL	1221	1343	0.4	0.4
GPPL	889	1027	1.0	1.0
Rajpara	228	228	Neg	Neg
Victor	22	4	N.A	N.A
Rupean/Beyt	143	143	N.A	N.A
KARNATAKA				
Karwar	174	174	6.0	6.0
Malpe	35	7	2.0	N.A
Old Mangalore	626	626	Neg	Neg
Belkeri	50	50	7.0	7.0
TAMIL NADU				
Nagapattinam	224	209	Neg	Neg
Tirukkadayur	22	9	2.0	2.0
Kudankulam	1	1	Neg	Neg
Cuddalore	139	33	Neg	2.0
Ennore	5	6	Neg	Neg
Py-3	10	11	0.9	1.4
Trichopuram	7	1	3.7	8.4
GOA				
Panaji	193	188	4.0	5.0
ORISSA				
Gopalpur	20	20	10.0	10.0
ANDHRA PRADESH*				
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
KERALA				
Kozhikode/Beypore	529	458	N.A	3.3
Koavalam/Vizhinjam	60	60	Neg	Neg
Kollam	-	18	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
MAJOR PORTS									
1997-98	117.43	62.25	179.68	38.55	33.43	71.98	155.98	95.68	251.66
1998-99	124.99	55.03	180.02	39.54	32.18	71.72	164.53	87.21	251.74
1999-00	133.80	56.63	190.43	49.92	31.62	81.54	183.72	88.25	271.97
2000-01	127.20	66.20	193.40	51.55	36.18	87.73	178.75	102.38	281.13
2001-02	130.12	76.77	206.89	47.03	33.66	80.69	177.15	110.43	287.58
2002-03	133.83	93.52	227.35	48.21	37.99	86.20	182.04	131.51	313.55
2003-04	148.13	110.66	258.79	48.53	37.48	86.01	196.66	148.14	344.80
2004-05	169.42	126.20	295.62	47.02	41.12	88.14	216.44	167.32	383.76
2005-06	199.48	133.64	333.12	44.22	46.23	90.45	243.70	179.87	423.57
2006-07	225.55	143.26	368.81	52.57	42.40	94.97	278.12	185.66	463.78
2007-08	253.16	165.76	418.92	57.50	42.89	100.39	310.66	208.65	519.31
2008-09	260.97	166.49	427.46	57.70	45.65	103.34	318.67	212.14	530.80
2009-10	286.50	167.52	454.02	58.93	48.14	107.07	345.43	215.66	561.09
2010-11	296.31	168.86	465.17	55.64	49.29	104.92	351.95	218.15	570.09
NON-MAJOR PORTS									
1997-98	18.75	10.42	29.17	5.22	4.22	9.44	23.97	14.64	38.61
1998-99	15.93	8.42	24.35	6.34	5.62	11.96	22.27	14.04	36.31
1999-00	31.13	8.18	39.31	10.20	13.87	24.07	41.33	22.05	63.38
2000-01	43.73	17.59	61.32	10.86	15.19	26.05	54.59	32.78	87.37
2001-02	49.18	19.76	68.94	10.45	16.13	26.58	59.63	35.89	95.52
2002-03	50.85	27.16	78.01	14.06	16.23	30.29	64.91	43.39	108.30
2003-04	56.38	31.15	87.53	14.18	17.15	31.33	70.56	48.30	118.86
2004-05	65.47	39.50	104.97	15.52	16.47	31.99	80.99	55.97	136.96
2005-06	69.58	48.69	118.27	16.47	15.38	31.85	86.05	64.07	150.12
2006-07	90.76	49.34	140.11	17.50	27.32	44.82	108.26	76.66	184.92
2007-08	107.04	70.27	177.31	16.87	12.20	29.07	123.91	82.47	206.38
2008-09	117.76	65.78	183.54	18.51	11.17	29.68	136.27	76.95	213.22
2009-10	159.89	83.62	243.51	24.71	20.72	45.43	184.60	104.34	288.94
2010-11	175.63	91.49	267.12	27.75	20.49	48.24	203.38	111.98	315.36
ALL PORTS									
1997-98	136.18	72.67	208.85	4.77	37.65	81.42	179.95	110.32	290.27
1998-99	140.92	63.45	204.37	45.88	37.80	83.68	186.80	101.25	288.05
1999-00	164.93	64.81	229.74	60.12	45.49	105.61	225.05	110.30	335.35
2000-01	170.93	83.79	254.72	62.41	51.37	113.78	233.34	135.16	368.50
2001-02	179.30	96.53	275.83	57.48	49.79	107.27	236.78	146.32	383.10
2002-03	184.68	120.68	305.36	62.27	54.22	116.49	246.95	174.90	421.85
2003-04	204.51	141.81	346.32	62.71	54.63	117.34	267.22	196.44	463.66
2004-05	234.89	165.70	400.59	62.54	57.59	120.13	297.43	223.29	520.72
2005-06	269.06	182.33	451.39	60.69	61.61	122.30	297.43	223.29	573.69
2006-07	316.31	192.60	508.91	70.07	69.72	139.79	386.38	262.32	648.70
2007-08	360.20	236.03	596.23	74.37	55.09	129.46	434.57	291.12	725.69
2008-09	378.73	232.27	611.00	76.21	56.82	133.02	454.94	289.09	744.02
2009-10	446.39	251.14	697.53	83.64	68.86	152.50	530.03	320.00	850.03
2010-11	471.94	260.35	732.29	83.39	69.78	153.16	555.33	330.13	885.45

Table 3.1.2

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

Port/State/Type of Traffic	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
1	2	3	4	5	6	7	8	9	10	11	12
GUJARAT	108000	117263	122194	128855	137692	149434	184247	215441	225035	285083	312787
Kandla	36741	37728	40633	41523	41551	45907	52982	64920	72224	79500	81880
Other Ports	71259	79535	81561	87332	96141	103527	131265	150521	152811	205583	230907
Overseas	84999	95314	97572	103247	111691	123660	146295	192185	199107	242187	269049
Coastal	23001	21949	24622	25608	26001	25774	37952	23256	25928	42896	43738
Loaded	31129	36153	40600	43694	46379	47821	56420	64601	60201	78063	98045
Unloaded	76871	81110	81594	85161	91313	101613	127827	150840	164834	207020	214742
MAHARASHTRA	51683	53911	62265	71517	80138	93182	108759	124239	119588	127350	133778
Mumbai	27063	26433	26796	29995	35187	44190	52364	57038	51876	54541	54586
J.L.Nehru	18575	22521	26844	31190	32808	37836	44815	55838	57296	60763	64317
Other Ports	6045	4957	8625	10332	12143	11156	11580	11363	10416	12046	14875
Overseas	36990	39555	46044	54689	60476	70003	83450	95041	90191	97925	105071
Coastal	14693	14356	16221	16828	19662	23179	25309	29198	29397	29425	28707
Loaded	18464	19196	25156	28370	29911	37379	36029	40739	40801	37079	41536
Unloaded	33219	34715	37109	43147	50227	55803	72730	83509	78787	90271	92242
GOA	22816	25786	24223	36310	38860	43450	48547	47953	53582	62744	64641
Mormugao	19628	22928	23649	27874	30659	31688	34241	35128	41681	48847	50060
Other Ports	3188	2858	5574	8436	8201	11762	14306	12825	11901	13897	14581
Overseas	21162	23857	27818	34969	37711	42452	47685	46832	52550	61196	63404
Coastal	1654	1929	1405	1341	1149	998	862	1121	1032	1548	1237
Loaded	18359	20654	24449	31424	32978	37043	41218	40679	46570	54634	55328
Unloaded	4457	5132	4774	4886	5882	6407	7329	7274	7012	8110	9313

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

Cargo Traffic Handled At Indian Ports - By State (In '000 Tonnes)

Port/State/Type of Traffic	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
1	2	3	4	5	6	7	8	9	10	11	12
DAMAN & DIU	-	-	-	-	-	-	-	-	-	-	-
Other Ports	-	-	-	-	-	-	-	-	-	-	-
Overseas	-	-	-	-	-	-	-	-	-	-	-
Coastal	-	-	-	-	-	-	-	-	-	-	-
Loaded	-	-	-	-	-	-	-	-	-	-	-
Unloaded	-	-	-	-	-	-	-	-	-	-	-
KARNATAKA	18567	18247	22102	27841	37397	38568	38603	44918	41659	44075	34645
New Mangalore	17891	17501	21430	26673	33891	34451	32042	36019	36691	35528	31550
Other Ports	676	746	672	1168	3506	4117	6561	8899	4968	8547	3095
Overseas	14048	13517	17740	22387	28823	30673	30640	38627	35482	36790	27684
Coastal	4519	4730	4362	5454	8574	7895	7963	6291	6177	7285	6991
Loaded	9082	9195	11238	14446	21440	21700	20326	25095	21613	22215	13094
Unloaded	9485	9052	10864	13395	15957	16868	18277	19823	20046	21860	21251
KERALA	13238	12186	13113	13630	14184	14023	15429	15914	15625	17548	17997
Cochin	13144	12059	13024	13572	14103	13888	15257	15810	15494	17429	17873
Other Ports	94	127	89	58	81	135	172	104	131	119	124
Overseas	7354	7032	8347	9830	10365	9842	10862	10670	11111	11898	13159
Coastal	5884	5154	4766	3800	3819	4181	4567	5244	4514	5650	4838
Loaded	2122	2000	2158	2572	3188	2971	3533	3708	2794	3680	3999
Unloaded	11116	10186	10955	11058	10996	11052	11896	12206	12831	13868	13998
TAMIL NADU	53838	53068	56068	60355	69951	74266	82934	91084	91900	96721	99807
Tuticorin	12284	13017	13294	13678	15811	17139	18001	21480	22011	23787	25727
Chennai	41220	36115	33687	36710	43806	47248	53414	57154	57491	61057	61460
Ennore	-	3401	8485	9277	9480	9168	10714	11563	11500	10703	11009
Other Ports	334	535	602	690	854	711	805	887	898	1174	1611
Overseas	30932	31978	32835	36929	46655	53198	62038	70809	71367	75856	79169
Coastal	22906	21090	23233	23426	23296	21068	20896	20275	20533	20865	20638
Loaded	14907	16445	18010	20080	23639	24602	29156	32759	29896	29349	30014
Unloaded	38931	36623	38058	40275	46312	49664	53778	58325	62004	67372	69793

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

Cargo Traffic Handled At Indian Ports - By State

(In '000 Tonnes)

Port/State/Type of Traffic	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
1	2	3	4	5	6	7	8	9	10	11	12
PONDICHERY	76	95	19	108	59	96	34	10	47	1316	4728
Other Ports	76	95	19	108	59	96	34	10	47	1316	4728
Overseas	76	95	19	108	59	85	34	10	47	1316	4728
Coastal	-	-	-	-	-	11	-	-	-	-	-
Loaded	-	-	8	71	26	56	18	-	-	38	101
Unloaded	76	95	11	37	33	40	16	10	47	1278	4627
ANDHRA PRADESH	49524	49998	56242	57757	65215	73475	74994	83887	93628	109191	111308
Visakhapatnam	44685	44344	46006	47736	50148	55801	56385	64597	63908	65501	68041
Other Ports	4839	5654	10236	10021	15067	17674	18609	19290	29720	43690	43267
Overseas	26552	29868	35943	38300	48133	54394	53676	60938	69929	85364	85177
Coastal	22972	20130	20299	19457	17082	19081	21318	22949	23699	23827	26131
Loaded	20975	20409	26835	25921	30818	34006	33486	38779	42381	49727	45180
Unloaded	28549	29589	29407	31836	34397	39469	41508	45108	51247	59464	66128
ORISSA	20040	21149	23901	25311	30104	33109	38517	42732	46707	57476	56503
Paradip	19900	21131	23901	25311	30104	33109	38517	42437	46412	57011	56038
Other Ports	140	18	-	-	-	-	-	295	295	465	465
Overseas	9948	10175	11700	13150	18580	23051	26777	30191	33958	45180	45118
Coastal	10092	10974	12201	12161	11524	10058	11740	12541	12749	12296	11385
Loaded	13186	14483	16910	18606	21666	21685	24855	25672	26615	28127	25107
Unloaded	6854	6666	6991	6705	8438	11424	13662	17060	20092	29349	31396
WEST BENGAL	30000	30403	35804	41260	46207	53143	55050	57329	54220	46423	47545
											35005
KDS	7158	5374	7201	8693	9945	10806	12596	13741	12428	13045	12540
HDC	22842	25029	28603	32567	36262	42337	42454	43588	41792	33378	35005
Other Ports	-	-	-	-	-	-	-	-	-	-	-
Overseas	22659	24437	27341	32714	38086	44025	47447	50912	47187	39334	39388
Coastal	7341	5966	8463	8546	8121	9118	7603	6417	7033	7089	8157
Loaded	6821	7431	9344	11024	13001	16405	16735	18288	17547	16572	17030
Unloaded	23179	22972	26460	30236	33206	36738	38315	39041	36673	29851	30515

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

Cargo Traffic Handled At Indian Ports - By State (In '000 Tonnes)

Port/State/Type of Traffic	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
1	2	3	4	5	6	7	8	9	10	11	12
SEA-ISLANDS	715	999	921	720	908	941	1590	2185	2035	2100	1705
Other Ports	715	999	921	720	908	941	1590	2185	2035	2100	1705
Overseas	-	-	-	-	5	4	6	9	76	486	342
Coastal	715	999	921	720	903	937	1584	2176	1959	1614	1337
Loaded	115	363	203	231	247	275	544	809	675	516	352
Unloaded	600	636	718	489	661	666	1046	1376	1360	1584	1353
ALL INDIA	368497	383105	421852	463664	520715	573687	648704	725692	744026	850027	885444
Major Ports	281131	287581	313553	344799	383755	423568	463782	519313	530804	561090	570086
Other Ports	87366	95524	108299	118865	136960	150119	184922	206379	213222	288937	315358
Overseas	254720	275828	305359	346323	400584	451387	508910	596224	611005	697532	732289
Coastal	113777	107277	116493	117341	120131	122300	139794	129468	133021	152495	153159
Loaded	135160	146329	174911	196439	223293	243943	262320	291120	289093	320000	329786
Unloaded	233337	236776	246941	267225	297422	329744	386384	434572	454933	530027	555358

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

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

Table 3.1.3

Cargo Unloaded (Overseas & Coastal) At Indian Ports - By Sta ('000 Tonnes)

Port/State/Type of Traffic	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
1	2	3	4	5	6	7	8	9	10	11	12
GUJARAT											
Kandla	31954	30024	30259	31214	32006	35731	41246	48404	54200	61893	61241
Other Ports	44917	51086	51335	53947	59307	65882	86581	102436	110634	145127	153502
Total	76871	81110	81594	85161	91313	101613	127827	150840	164834	207020	214743
Overseas	65900	71757	70310	73215	78664	87723	114032	137352	150376	187390	193891
Coastal	10971	9353	11284	11946	12649	13890	13795	13488	14458	19630	20852
MAHARASHTRA											
Mumbai	16959	17310	16409	19052	23061	26867	39067	44540	42915	46826	46527
J. L. Nehru	10611	12920	12668	14794	16633	19516	23270	29434	28166	32382	33414
Other Ports	5649	4485	8032	9301	10533	9420	10393	9526	7706	11063	12269
Total	33219	34715	37109	43147	50227	55803	72730	83500	78787	90271	92210
Overseas	25691	27014	29025	35481	39558	47210	55846	62069	56983	68231	70526
Coastal	7528	7701	8084	7666	10669	8593	16884	21439	21804	22040	21684
GOA											
Mormugao	3690	4619	4380	4468	5631	6074	7050	7185	7012	7892	9200
Other Ports	767	513	394	418	251	333	279	89	0	218	113
Total	4457	5132	4774	4886	5882	6407	7329	7274	7012	8110	9313
Overseas	3167	3761	3731	3659	5035	5852	6705	6636	6395	7088	8389
Coastal	1290	1371	1043	1227	847	555	624	638	617	1022	924
KARNATAKA											
New Mangalore	9190	8757	10592	13047	15512	16519	17922	19625	19964	21569	21066
Other Ports	295	295	272	348	445	349	355	198	82	291	185
Total	9485	9052	10864	13395	15957	16868	18277	19823	20046	21860	21251
Overseas	8412	7496	9601	10657	11641	12758	13528	16759	16815	18096	17601
Coastal	1073	1556	1263	2738	4316	4110	4749	3064	3231	3764	3650
KERALA											
Cochin	11061	10094	10899	11018	10950	10968	11785	12189	12783	13834	13960
Other Ports	55	92	56	40	46	84	111	17	48	34	38
Total	11116	10186	10955	11058	10996	11052	11896	12206	12831	13868	13998
Overseas	6279	5816	7239	8174	8331	8044	8959	8529	9343	9570	10227
Coastal	4837	4370	3716	2884	2665	3008	2937	3677	3488	4298	3771
TAMIL NADU											
Tuticorin	9839	9811	9564	10184	12060	13375	13502	15472	16370	18652	18394
Chennai	28920	23140	19606	20302	24745	27203	30759	32859	34645	38114	40325
Ennore	-	3401	8485	9277	8960	8631	8990	9373	10389	9767	9957
Other Port	172	271	403	512	547	455	527	621	600	839	1117
Total	38931	36623	38058	40275	46312	49664	53778	58325	62004	67372	69793
Overseas	16969	16879	16028	18170	25179	30941	34659	39721	43203	48276	51041
Coastal	21962	19744	22030	22105	21133	18723	19119	18604	18801	19096	17635

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

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

(000 Tonnes)

Port/State/Type of Traffic	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2009-10 2010-11
1	2	3	4	5	6	7	8	9	10	11	12
PONDICHERY											
Other Ports	76	95	11	37	33	40	16	10	47	1278	4627
Total	76	95	11	37	33	40	16	10	47	1278	4627
Overseas	76	95	11	37	33	40	16	10	47	1278	4627
Coastal	-	-	-	-	-	-	-	-	-	-	-
ANDHRA PRADESH											
Visakhapatnam	26499	27436	25724	26367	25232	30651	32555	35675	35660	35477	36128
Other Ports	2050	2153	3683	5469	9165	8818	8953	9433	15587	23987	30000
Total	28549	29589	29407	31836	34397	39469	41508	45108	51247	59464	66128
Overseas	18162	20031	20727	23641	29206	33185	35140	38045	43889	52727	59427
Coastal	10387	9558	8680	8195	5191	6284	6368	7063	7358	6737	6701
ORISSA											
Paradip	6848	6662	6991	6705	8438	11424	13662	16854	19891	29175	31222
Other Ports	6	4	-	-	-	-	-	206	201	174	174
Total	6854	6666	6991	6705	8438	11424	13362	17060	20092	29349	31396
Overseas	6021	5746	5914	5896	7931	10950	12826	15309	18683	27683	29832
Coastal	833	920	1077	809	507	474	836	1751	1409	1666	1564
WEST BENGAL											
KDS	5929	4505	6337	7559	8201	8628	9780	10362	8800	8269	7258
HDC	17250	18467	20123	22677	25005	28110	28535	28679	27873	21582	23257
Other Ports	-	-	-	-	-	-	-	-	-	-	-
Total	23179	22972	26460	30236	33206	36738	38315	39041	36673	29851	30515
Overseas	20254	20697	22089	25580	29298	32346	34594	35761	32920	25577	25734
Coastal	2925	2275	4371	4656	3908	4392	3721	3280	3753	4274	4781
SEA-ISLAND											
Other Ports	600	636	718	489	661	666	1046	1376	1360	1584	1353
Total	600	636	718	489	661	666	1046	1376	1360	1584	1353
Overseas	-	-	-	-	5	4	6	9	76	476	342
Coastal	600	636	718	489	656	662	1040	1367	1284	1108	1011
ALL INDIA											
MAJOR PORTS	178750	177146	182037	196664	216434	243697	278123	310651	318668	345432	351949
Other Ports	54587	59630	64904	70561	80988	86047	108261	123912	136265	184595	304351
Total	233337	236776	246941	267225	297422	329744	386384	434572	454933	530027	656300
Overseas	170931	179292	184675	204510	234881	269053	316311	329218	378730	446392	471943
Coastal	62406	57484	62266	62715	62541	60691	70073	67308	76203	83635	83384

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

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

Table 3.1.4

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

('000 Tonnes)

Port / State	2000-01	2001-02	2002-	2003-04	2004-05	2005-06	2006-07	2007-	2008-09	2009-10	2010-11
1	2	3	4	5	6	7	8	9	10	11	12
GUJARAT											
Kandla	4787	7704	10374	10309	9545	10176	11736	16516	18024	17607	20639
Other Ports	26342	28449	30226	33385	36834	37645	44684	48085	42177	60456	77405
Total	31129	36153	40600	43694	46379	47821	56420	64601	60201	78063	98044
Overseas	19099	23557	27262	30032	33027	35937	32263	54833	48731	54797	75158
Coastal	12030	12596	13338	13662	13352	11884	24157	9768	11470	23266	22886
MAHARASHTRA											
Mumbai	10104	9123	10387	10943	12126	17323	13297	12489	8961	7715	8059
J. L. Nehru	7964	9601	14176	16396	16175	18320	21545	26404	29130	28381	30871
Other Ports	396	472	593	1031	1610	1736	1187	1837	2710	983	2606
Total	18464	19196	25156	28370	29911	37379	36029	40730	40801	37079	41536
Overseas	11299	12541	17019	19208	20918	22793	27604	32972	33208	29694	34545
Coastal	7165	6655	8137	9162	8993	14586	8425	7759	7593	7385	7023
GOA											
Mormugao	15938	18309	19269	23406	25028	25614	27191	27943	34669	40955	40860
Other Ports	2421	2345	5180	8018	7950	11429	14027	12736	11901	13679	14468
Total	18359	20654	24449	81424	32978	37043	41218	40679	46570	54634	55328
Overseas	17995	20096	24087	31310	32676	36600	40980	40196	46155	54108	55015
Coastal	364	558	362	114	302	443	238	483	415	526	313
KARNATAKA											
New Mangalore	8701	8744	10838	13626	18379	17932	14120	16394	16727	13959	10484
Other Ports	381	451	400	820	3061	3768	6206	8701	4886	8256	2910
Total	9082	9195	11238	14446	21440	21700	20326	25095	21613	22215	13394
Overseas	5636	6021	8139	11730	17182	17915	17112	21868	18667	18694	10083
Coastal	3446	3174	3099	2716	4258	3785	3214	3227	2946	3521	3311
KERALA											
Cochin	2083	1965	2125	2554	3153	2920	3472	3621	2711	3595	3913
Other Ports	39	35	33	18	35	51	61	87	83	85	86
Total	2122	2000	2158	2572	3188	2971	3533	3708	2794	3680	3999
Overseas	1075	1216	1108	1656	2034	1798	1903	2141	1768	2328	2932
Coastal	1047	784	1050	916	1154	1173	1630	1567	1026	1352	1067
TAMIL NADU											
Tuticorin	2445	3206	3730	3494	3751	3764	4499	6008	5641	5135	7333
Chennai	12300	12975	14081	16408	19061	20045	22655	24295	22846	22943	21135
Ennore	-	-	-	-	520	537	1724	2190	1111	936	1052
Other Ports	162	264	199	178	307	256	278	266	298	335	494
Total	14907	16445	18010	20080	23639	24602	29156	32759	29896	29349	30014
Overseas	13963	15099	16807	18759	21476	22257	27379	31088	28164	27580	33069
Coastal	944	1346	1203	1321	2163	2345	1777	1671	1732	1769	2192

Table 3.1.4

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

('000 Tonnes)

Port / State	2000-01	2001-02	2002-	2003-04	2004-05	2005-06	2006-07	2007-	2008-09	2009-10	2010-11
1	2	3	54	5	6	7	8	9	10	11	12
PONDICHERRY											
Other Ports	-	-	8	71	26	56	18	-	-	38	101
Total	-	-	8	71	26	56	18	-	-	38	101
Overseas	-	-	8	71	26	45	18	-	-	38	101
Coastal	-	-	-	-	-	11	-	-	-	-	-
ANDHRA PRADESH											
Visakhapatnam	18186	16908	20282	21369	24916	25150	23830	28922	28248	30024	31913
Other Ports	2789	3501	6553	4552	5902	8856	9656	9857	14133	19703	13267
Total	20975	20409	26835	25921	30818	34006	33486	38779	42381	49727	45180
Overseas	8390	9837	15216	14659	18927	21209	18536	22893	26040	32637	25750
Coastal	12585	10572	11619	11262	11891	12797	14950	15886	16341	17090	19430
ORISSA											
Paradip	13052	14469	16910	18606	21666	21685	24855	25583	26521	27836	24810
Other Ports	134	14	-	-	-	-	-	89	94	291	291
Total	13186	14483	16910	18606	21666	21685	24855	25672	26615	28127	25101
Overseas	3927	4429	5786	7254	10649	12101	13951	14882	15275	17497	15280
Coastal	9259	10054	11124	11352	11017	9584	10904	10790	13340	10630	9821
WEST BENGAL											
KDS	1229	869	864	1134	1744	2178	2816	3379	3628	4776	5282
HDC	5592	6562	8480	9890	11257	14227	13919	14909	13919	11796	11748
Other Ports	-	-	-	-	-	-	-	-	-	-	-
Total	6821	7431	9344	11024	13001	16405	16735	18288	17547	16572	17030
Overseas	2405	3740	5252	7134	8788	11679	12853	15151	14267	13757	13654
Coastal	4416	3691	4092	3890	4213	4726	3882	3137	3280	2815	3376
SEA-ISLANDS											
Other Ports	115	363	203	231	247	275	544	809	675	516	352
Total	115	363	203	231	247	275	544	809	675	516	352
Overseas	-	-	-	-	-	-	-	-	-	10	-
Coastal	115	363	203	231	247	275	544	809	675	506	352
ALL INDIA											
Major Ports	102381	110435	131516	148135	167321	179871	185659	208653	212136	215658	218137
Other Ports	32779	35894	43395	48304	55972	64072	76661	82467	76957	104342	111980
Total	135160	146329	174911	196439	223293	243943	262320	291120	289093	320000	330117
Overseas	83789	96536	120684	141813	165703	182334	192599	236024	232275	251140	260346
Coastal	51371	49793	54227	54626	57590	61609	69721	55097	56818	68860	69771

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

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

Table 3.2.1

Trend in Total Traffic Handled at Major Ports

(Million Tonnes)

Year	Overseas			Coastal			Overseas & Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
1980-81	39.09	28.50	67.59	7.73	4.95	12.68	46.82	33.45	80.27
1981-82	39.78	32.23	72.01	8.61	7.36	15.97	48.39	39.59	87.98
1982-83	41.08	29.16	70.24	10.57	12.89	23.46	51.65	42.05	93.70
1983-84	38.80	29.07	67.87	13.41	15.10	28.51	52.21	44.17	96.38
1984-85	39.62	33.97	73.59	15.71	16.52	32.23	55.33	50.49	105.82
1985-86	45.82	36.73	82.55	22.16	14.91	37.07	67.98	51.64	119.62
1986-87	43.58	39.79	83.37	23.36	17.64	41.00	66.94	57.43	124.37
1987-88	49.95	40.15	90.10	23.39	21.11	44.50	73.34	61.26	134.60
1988-89	55.40	43.79	99.19	25.91	21.96	47.87	81.31	65.75	147.06
1989-90	54.13	45.26	99.39	26.72	21.46	48.18	80.85	66.72	147.57
1990-91	59.02	43.63	102.65	26.07	22.95	49.02	85.09	66.58	151.67
1991-92	59.91	44.89	104.80	26.66	25.18	51.84	86.57	70.07	156.64
1992-93	74.09	43.28	117.37	24.35	24.78	49.13	98.44	68.06	166.50
1993-94	76.02	53.48	129.50	24.81	24.71	49.52	100.83	78.19	179.02
1994-95	83.60	52.18	135.78	29.60	30.51	60.11	113.20	82.69	195.89
1995-96	94.86	57.24	152.10	31.79	31.32	63.11	126.65	88.56	215.21
1996-97	102.84	57.77	160.61	36.37	30.28	66.65	139.21	88.05	227.26
1997-98	117.43	62.25	179.68	38.55	33.43	71.98	155.98	95.68	251.66
1998-99	124.99	55.03	180.02	39.54	32.18	71.72	164.53	87.21	251.74
1999-00	133.80	56.63	190.43	49.92	31.62	81.54	183.72	88.25	271.97
2000-01	127.20	66.20	193.40	51.55	36.18	87.73	178.75	102.38	281.13
2001-02	130.12	76.77	206.89	47.03	33.66	80.69	177.15	110.43	287.58
2002-03	133.83	93.52	227.35	48.21	37.99	86.20	182.04	131.51	313.55
2003-04	148.13	110.66	258.79	48.53	37.48	86.01	196.66	148.14	344.80
2004-05	169.42	126.20	295.62	47.02	41.12	88.14	216.44	167.32	383.76
2005-06	199.48	133.64	333.12	44.22	46.23	90.45	243.70	179.87	423.57
2006-07	225.55	143.26	368.81	52.57	42.40	94.97	278.12	185.66	463.78
2007-08	253.16	165.76	418.92	57.49	42.90	100.39	310.65	208.66	519.31
2008-09	260.97	166.49	427.46	57.70	45.65	103.34	318.67	212.14	530.80
2009-10	286.50	167.52	454.02	58.93	48.14	107.07	345.43	215.66	561.09
2010-11	296.31	168.86	465.17	55.64	49.28	104.92	351.95	218.14	570.09

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
2010-11	81.88	54.59	64.32	50.06	31.55	17.87	25.73	61.46	11.01	68.04	56.04	47.54	570.09

Table 3.2.3

Commodity-wise Cargo Traffic Handled at Major Ports

('000 Tonnes)

Year	POL (Crude & Products)	Fertiliser	Fertiliser Raw Material	Iron Ore	Coal	Food-grains	Others	Total
1	2	3	4	5	6	7	8	9
ALL PORTS								
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	22312	561090
2010-11	179882	12367	6790	87686	75146	1915	204659	570086
KANDLA								
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
2010-11	48426	5807	583	817	3492	674	22081	81880

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

Commodity-wise Cargo Traffic Handled at Major Ports

(’000 Tonnes)

Year	POL (Crude & Products)	Fertiliser	Fertiliser Raw Material	Iron Ore	Coal	Food-grains	Others	Total
1	2	3	4	5	6	7	8	9
MUMBAI (a)								
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	0	54541
2010-11	32990	155	300	...	6368	745	14028	54586
J.L.NEHRU								
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	-	-	-	-	-	0	60763
2010-11	5043	-	870	-	-	-	58404	64317

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

Table 3.2.3
(Contd...)

Commodity-wise Cargo Traffic Handled at Major Ports

('000 Tonnes)

Year	POL (Crude & Products)	Fertiliser	Fertiliser Raw Material	Iron Ore	Coal	Food-grains	Others	Total
1	2	3	4	5	6	7	8	9
MORMUGAO								
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	-	0	48847
2010-11	939	232	-	40625	6566	-	1698	50060
NEW MANGALORE								
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	0	35528
2010-11	21551	784	4	3744	2856	116	2495	31550

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

Commodity-wise Cargo Traffic Handled at Major Ports

(’000 Tonnes)

Year	POL (Crude & Products)	Fertiliser	Fertiliser Raw Material	Iron Ore	Coal	Food-grains	Others	Total
1	2	3	4	5	6	7	8	9
COCHIN								
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	-	0	17429
2010-11	12121	76	353	...	40	-	5283	17873
TUTICORIN								
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	0	23787
2010-11	741	1171	730	64	5349	80	17592	25727

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

Commodity-wise Cargo Traffic Handled at Major Ports

('000 Tonnes)

Year	POL (Crude & Products)	Fertiliser	Fertiliser Raw Material	Iron Ore	Coal	Food-grains	Others	Total
1	2	3	4	5	6	7	8	9
CHENNAI								
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	-	0	61057
2010-11	13991	434	337	2114	2023	86	42475	61460
ENNORE								
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	-	0	10703
2010-11	509	-	-	401	9368	-	731	11009
VISAKHAPATNAM								
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	0	65501
2010-11	19242	3268	811	19347	11464	203	13706	68041

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
PARADIP								
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	-	0	57011
2010-11	12845	136	4226	13795	19340	-	5696	56038
KOLKATA/HALDIA								
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	0	46423
2010-11	11484	304	217	6779	8280	11	20470	47545

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

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

Trend in Type-wise Cargo Traffic Handled at Major Ports

('000 tonnes)

PORT/YEAR	Overseas			Coastal			Overseas & Coastal		
	Un-Loaded	Loaded	Total	Un-Loaded	Loaded	Total	Un-Loaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
MORMUGAO									
1995-96	2336	15146	17482	483	130	613	2819	15276	18095
1996-97	1156	15260	16416	795	101	896	1951	15361	17312
1997-98	1122	19114	20236	856	90	946	1978	19204	21182
1998-99	1779	15335	17114	781	125	906	2560	15460	18020
1999-00	2278	14784	17062	1019	145	1164	3297	14929	18226
2000-01	2558	15813	18371	1132	125	1257	3690	15938	19628
2001-02	3564	18153	21717	1055	156	1211	4619	18309	22928
2002-03	3379	19076	22455	1001	193	1194	4380	19269	23649
2003-04	3241	23326	26567	1227	80	1307	4468	23406	27874
2004-05	4784	24741	29525	847	287	1134	5631	25028	30659
2005-06	5519	25255	30774	555	359	914	6074	25614	31688
2006-07	6426	26988	33414	624	203	827	7050	27191	34241
2007-08	6547	27539	34086	638	404	1042	7185	27943	35128
2008-09	6395	34255	40650	617	414	1031	7012	34669	41681
2009-10	6870	40429	47299	1022	526	1548	7892	40955	48847
2010-11	8293	40547	48840	907	313	1220	9200	40860	50060
NEW MANGALORE									
1995-96	1077	6528	7605	806	473	1279	1883	7001	8884
1996-97	4202	5895	10097	277	2079	2356	4479	7974	12453
1997-98	5823	6441	12264	275	2743	3018	6098	9184	15282
1998-99	6581	5120	11701	348	2157	2505	6929	7277	14206
1999-00	7977	5911	13888	476	3237	3713	8453	9148	17601
2000-01	8227	5349	13576	963	3352	4315	9190	8701	17891
2001-02	7324	5720	13044	1433	3024	4457	8757	8744	17501
2002-03	9426	7843	17269	1166	2995	4161	10592	10838	21430
2003-04	10393	11026	21419	2654	2600	5254	13047	13626	26673
2004-05	11277	14207	25484	4235	4172	8407	15512	18379	33891
2005-06	12570	14330	26900	3949	3602	7551	16519	17932	34451
2006-07	13367	11022	24389	4555	3098	7653	17922	14120	32042
2007-08	16693	13255	29948	2932	3139	6071	19625	16394	36019
2008-09	16760	13871	30631	3204	2856	6060	19964	16727	36691
2009-10	17976	10508	28484	3593	3451	7044	21569	13959	35528
2010-11	17515	7305	24820	3551	3179	6730	21066	10484	31550
COCHIN									
1995-96	3522	1184	4706	5603	1194	6797	9125	2378	11503
1996-97	4497	1190	5687	4990	1065	6055	9487	2255	11742
1997-98	5447	1038	6485	4334	1504	5838	9781	2542	12323
1998-99	6168	952	7120	4083	1478	5561	10251	2430	12681
1999-00	3490	893	4383	7146	1312	8458	10636	2205	12841
2000-01	6278	1072	7350	4783	1011	5794	11061	2083	13144
2001-02	5815	1214	7029	4279	751	5030	10094	1965	12059
2002-03	7230	1108	8338	3669	1017	4686	10899	2125	13024
2003-04	8174	1656	9830	2844	898	3742	11018	2554	13572
2004-05	8324	2027	10351	2626	1126	3752	10950	3153	14103
2005-06	8007	1785	9792	2961	1135	4096	10968	2920	13888
2006-07	8913	1903	10816	2872	1569	4441	11785	3472	15257
2007-08	8529	2130	10659	3660	1491	5151	12189	3621	15810
2008-09	9343	1747	11090	3440	964	4404	12783	2711	15494
2009-10	9570	2314	11884	4264	1281	5545	13834	3595	17429
2010-11	10226	2924	13150	3734	989	4723	13960	3913	17873

**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
TUTICORIN									
1995-96	2788	1312	4100	5167	19	5186	7955	1331	9286
1996-97	1734	1545	3279	5877	18	5895	7611	1563	9174
1997-98	2791	1542	4333	5623	18	5641	8414	1560	9974
1998-99	3341	1629	4970	5144	36	5180	8485	1665	10150
1999-00	3732	2029	5761	4202	30	4232	7934	2059	9993
2000-01	3654	2396	6050	6185	49	6234	9839	2445	12284
2001-02	4094	3147	7241	5717	59	5776	9811	3206	13017
2002-03	3950	3690	7640	5614	40	5654	9564	3730	13294
2003-04	4281	3410	7691	5903	84	5987	10184	3494	13678
2004-05	6024	3665	9689	6036	86	6122	12060	3751	15811
2005-06	6509	3656	10165	6866	108	6974	13375	3764	17139
2006-07	7695	4302	11997	5807	197	6004	13502	4499	18001
2007-08	9824	5515	15339	5648	493	6141	15472	6008	21480
2008-09	11242	5070	16312	5128	571	5699	16370	5641	22011
2009-10	12870	4414	17284	5782	721	6503	18652	5135	23787
2010-11	12706	6585	19291	5688	748	6436	18394	7333	25727
CHENNAI									
1995-96	11693	9259	20952	8740	1029	9769	20433	10288	30721
1996-97	11603	8728	20331	10330	1187	11517	21933	9915	31848
1997-98	12730	10455	23185	11299	1047	12346	24029	11502	35531
1998-99	12431	9217	21648	12660	894	13554	25091	10111	35202
1999-00	12950	9826	22776	13488	1179	14667	26438	11005	37443
2000-01	13187	11567	24754	15733	733	16466	28920	12300	41220
2001-02	12682	11952	24634	10458	1023	11481	23140	12975	36115
2002-03	12003	13117	25120	7603	964	8567	19606	14081	33687
2003-04	13807	15349	29156	6495	1059	7554	20302	16408	36710
2004-05	18952	17273	36225	5793	1788	7581	24745	19061	43806
2005-06	23247	18064	41311	3956	1981	5937	27203	20045	47248
2006-07	26195	21337	47532	4564	1318	5882	30759	22655	53414
2007-08	28526	23369	51895	4333	926	5259	32859	24295	57154
2008-09	30028	21983	52011	4617	863	5480	34645	22846	57491
2009-10	33875	22219	56094	4239	724	4963	38114	22943	61057
2010-11	36287	20178	56465	4038	957	4995	40325	21135	61460
ENNORE									
2001-02	-	-	-	3401	-	3401	3401	-	3401
2002-03	-	-	-	8485	-	8485	8485	-	8485
2003-04	-	-	-	9277	-	9277	9277	-	9277
2004-05	122	520	642	8838	-	8838	8960	520	9480
2005-06	1066	537	1603	7565	-	7565	8631	537	9168
2006-07	653	1724	2377	8337	-	8337	8990	1724	10714
2007-08	1212	2190	3402	8161	-	8161	9373	2190	11563
2008-09	1848	1111	2959	8541	-	8541	10389	1111	11500
2009-10	1313	936	2249	8454	-	8454	9767	936	10703
2010-11	2048	1052	3100	7909	-	7909	9957	1052	11009
VISAKHAPATNAM									
1995-96	14094	7155	21249	3517	8051	11568	17611	15206	32817
1996-97	15807	7243	23050	5407	6041	11448	21214	13284	34498
1997-98	15885	6797	22682	5941	7391	13332	21826	14188	36014
1998-99	16033	6379	22412	6070	7172	13242	22103	13551	35654
1999-00	16379	6299	22678	8772	8060	16832	25151	14359	39510

Table 3.2.4 (Contd...)

Trend in Type-wise Cargo Traffic Handled at Major Ports

('000 tonnes)

PORT/YEAR	Overseas			Coastal			Overseas & Coastal		
	Un-Loaded	Loaded	Total	Un-Loaded	Loaded	Total	Un-Loaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
2000-01	16407	8170	24577	10092	10016	20108	26499	18186	44685
2001-02	18033	9037	27070	9403	7871	17274	27436	16908	44344
2002-03	17148	11394	28542	8576	8888	17464	25724	20282	46006
2003-04	18392	13290	31682	7975	8079	16054	26367	21369	47736
2004-05	20602	15924	36526	4630	8992	13622	25232	24916	50148
2005-06	25055	15075	40130	5596	10075	15671	30651	25150	55801
2006-07	26873	11654	38527	5682	12176	17858	32555	23830	56385
2007-08	29145	15742	44887	6530	13180	19710	35675	28922	64597
2008-09	29200	14158	43358	6460	14090	20550	35660	28248	63908
2009-10	30181	14856	45037	5296	15168	20464	35477	30024	65501
2010-11	30764	14227	44991	5364	17686	23050	36128	31913	68041
PARADIP									
1995-96	4135	2200	6335	65	4859	4924	4200	7059	11259
1996-97	3733	1818	5551	126	5903	6029	3859	7721	11580
1997-98	4379	1676	6055	109	7138	7247	4488	8814	13302
1998-99	3939	1343	5282	568	7258	7826	4507	8601	13108
1999-00	4237	1933	6170	539	6927	7466	4776	8860	13636
2000-01	6015	3793	9808	833	9259	10092	6848	13052	19900
2001-02	5742	4415	10157	920	10054	10974	6662	14469	21131
2002-03	5914	5786	11700	1077	11124	12201	6991	16910	23901
2003-04	5896	7254	13150	809	11352	12161	6705	18606	25311
2004-05	7931	10649	18580	507	11017	11524	8438	21666	30104
2005-06	10950	12101	23051	474	9584	10058	11424	21685	33109
2006-07	12826	13951	26777	836	10904	11740	13662	24855	38517
2007-08	15103	14793	29896	1751	10790	12541	16854	25583	42437
2008-09	18482	15181	33663	1409	11340	12749	19891	26521	46412
2009-10	27509	17206	44715	1666	10630	12296	29175	27836	57011
2010-11	29658	14995	44653	1564	9821	11385	31222	24816	56038
KOLKATA/HALDIA									
1995-96	12283	1822	14105	2832	4578	7410	15115	6400	21515
1996-97	13505	1906	15411	2723	4990	7713	16228	6896	23124
1997-98	16757	2247	19004	2902	6251	9153	19659	8498	28157
1998-99	18987	1707	20694	2576	6117	8693	21563	7824	29387
1999-00	22350	1803	24153	2586	4287	6873	24936	6090	31026
2000-01	20254	2405	22659	2925	4416	7341	23179	6821	30000
2001-02	20697	3740	24437	2275	3691	5966	22972	7431	30403
2002-03	22089	5252	27341	4371	4092	8463	26460	9344	35804
2003-04	25580	7134	32714	4656	3890	8546	30236	11024	41260
2004-05	29298	8788	38086	3908	4213	8121	33206	13001	46207
2005-06	32346	11679	44025	4392	4726	9118	36738	16405	53143
2006-07	34594	12853	47447	3721	3882	7603	38315	16735	55050
2007-08	35761	15151	50912	3280	3137	6417	39041	18288	57329
2008-09	32920	14267	47187	3753	3280	7033	36673	17547	54220
2009-10	25577	13757	39334	4274	2815	7089	29851	16572	46423
2010-11	25734	13654	39388	4781	3376	8157	30515	17030	47545

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

Trend in Type-wise Cargo Traffic Handled at Major Ports

('000 tonnes)

PORT/YEAR	Overseas			Coastal			Overseas & Coastal		
	Un-Loaded	Loaded	Total	Un-Loaded	Loaded	Total	Un-Loaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
ALL PORTS									
1995-96	94858	57243	152101	31790	31317	63107	126648	88560	215208
1996-97	102836	57773	160609	36371	30277	66648	139207	88050	227257
1997-98	117425	62254	179679	38549	33430	71979	155974	95684	251658
1998-99	124986	55032	180018	39544	32176	71720	164530	87208	251738
1999-00	133798	56633	190431	49922	31614	81536	183720	88247	271967
2000-01	127203	66202	193405	51547	36179	87726	178750	102381	281131
2001-02	130117	76774	206891	47029	33661	80690	177146	110435	287581
2002-03	133829	93522	227351	48208	37994	86202	182037	131516	313553
2003-04	148130	110658	258788	48534	37477	86011	196664	148135	344799
2004-05	169418	126199	295617	47016	41122	88138	216434	167321	383755
2005-06	199476	133646	333122	44221	46225	90446	243697	179871	423568
2006-07	225548	143257	368805	52575	42402	94977	278123	185659	463782
2007-08	253161	165758	418919	57490	42904	100394	310651	208662	519313
2008-09	260971	166489	427460	57697	45647	103344	318668	212136	530804
2009-10	286506	167517	454023	58926	48141	107067	345432	215658	561090
2010-11	296312	168859	465171	55637	49278	104915	351949	218137	570086

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

(In Million Tonnes)

Item	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
1	2	3	4	5	6	7	8	9	10	11	12	13
1. LOADED												
i) Indian Lines	1.04	1.71	1.99	2.45	2.81	2.91	3.19	2.73	2.03	2.46	3.94	2.23
ii) Foreign Lines	13.06	14.96	17.32	21.28	24.45	25.31	27.74	35.42	44.16	44.42	43.67	54.06
iii) Total	14.10	16.67	19.31	23.73	27.26	28.22	30.93	38.15	46.19	46.88	47.61	56.29
2. UNLOADED												
i) Indian Lines	0.80	1.58	1.81	2.01	2.39	2.67	3.12	1.56	2.23	1.16	3.61	1.65
ii) Foreign Lines	12.97	14.09	16.13	17.95	21.39	23.90	27.96	33.76	43.83	45.33	64.48	56.23
iii) Total	13.77	15.67	17.94	19.96	23.78	26.57	31.08	35.32	46.06	46.49	68.09	57.88
3. Total												
i) Indian Lines	1.84	3.29	3.80	4.46	5.20	5.58	6.31	4.29	4.26	3.62	7.55	3.88
ii) Foreign Lines	26.03	29.05	33.45	39.23	45.84	49.21	55.70	69.18	87.99	89.75	108.15	110.29
iii) Total	27.87	32.34	37.25	43.69	51.04	54.79	62.01	73.47	92.25	93.37	115.70	114.17
4. General Cargo (Break Bulk & Container)	43.04	46.37	52.92	64.47	69.77	72.50	82.85	97.40	123.79	120.01	132.59	146.47
% Of Container Cargo to general cargo	64.70	69.80	70.40	67.80	73.10	75.60	74.80	75.43	74.52	77.80	87.26	77.95

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
LOADED													
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	-	865	925	1958	132	-	845	366	14094
2000-01	806	1766	7547	31	18	1042	940	2880	168	-	817	658	16673
2001-02	1164	1188	9954	44	34	1217	1280	2757	178	4	512	975	19307
2002-03	1537	811	13282	70	58	1074	1375	3536	191	25	574	1199	23732
2003-04	1605	713	15616	77	61	1166	1585	4106	197	58	636	1436	27256
2004-05	1477	568	15399	72	71	1264	1961	4718	370	31	1070	1220	28221
2005-06	1340	614	17317	67	81	1100	2035	5664	365	48	1252	1044	30927
2006-07	1733	631	21582	79	158	1457	2444	6809	512	34	1610	1105	38154
2007-08	1546	866	27179	84	166	1553	2877	8679	678	57	1903	1383	46971
2008-09	1233	720	25931	87	186	1383	2807	9964	737	34	2307	1319	46708
2009-10	1437	58	24609	89	241	1960	3396	11410	884	52	2534	963	47633
2010-11	1595	87	26966	95	344	2177	4931	14381	1330	66	2799	1512	56283
UNLOADED													
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	995	549	28487	140	234	1969	3203	12067	794	0	4111	1105	53654
2010-11	991	566	29460	125	224	2242	3238	15040	1242	3	3421	1323	57875
TOTAL													
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	-	1436	1633	3976	262	-	2117	434	27867
2000-01	1287	4364	14278	57	24	1672	1569	5989	278	8	2011	806	32343
2001-02	1752	3684	18484	70	45	1899	2199	5857	321	7	1411	1523	37252
2002-03	2225	3143	22864	110	84	2071	2301	7219	296	33	1498	1850	43694
2003-04	2406	2816	27785	133	96	2125	2687	8628	277	61	1746	2275	51035
2004-05	2754	2571	28747	139	136	2323	3205	9864	635	31	2357	2029	54791
2005-06	2311	2145	33777	130	149	2488	3428	11757	631	49	3234	1910	62009
2006-07	2778	1580	40811	155	265	2949	4011	14166	799	34	4003	1918	73469
2007-08	2616	1632	51923	166	319	3183	5630	18050	1133	58	5139	2397	92246
2008-09	2136	1291	50602	178	404	3522	5482	20581	1361	34	5476	2373	93440
2009-10	2432	607	53096	229	475	3929	6599	23477	1678	52	6645	2068	101287
2010-11	2586	653	56426	220	568	4419	8169	29421	2572	69	6220	2835	114158

**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
MUMBAI									
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
2010-11	1.8	2.1	3.9	6.1	5.9	12.0	8.0	8.0	16.0
COCHIN									
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
2010-11	24.1	24.1	48.2	69.1	77.0	146.1	71.5	79.5	151.0
CHENNAI									
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
2010-11	0.3	0.4	0.7	39.3	35.8	75.1	39.6	36.2	75.8
PARADIP									
2008-09	0.1	0.1	0.2	-	-	-	0.1	0.1	0.2
2009-10	-	-	-	-	-	-	-	-	-
2010-11	-	-	-	-	-	-	-	-	-
TUTICORIN									
2009-10									
2010-11									
2009-10	-	-	-	-	-	-	-	-	-
2010-11	-	-	-	-	-	-	-	-	-
VISAKHAPATNAM									
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
2010-11	-	-	-	11.4	11.2	22.6	11.4	11.2	22.6
KOLKATA/HALDIA									
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
2010-11	-	-	-	31.2	32.3	63.5	31.2	32.3	63.5

Table 3.2.7(Contd.)

Passenger Traffic at Major Ports

(In '000)

Port/Year	Overseas			Coastal			Total		
	Embarked	Dis-embarked	Total	Embarked	Dis-embarked	Total	Embarked	Dis-embarked	Total
1	2	3	4	5	6	7	8	9	10
MORMUGAO									
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
2010-11	...	...	9.4	...	...	...	0.0	0.2	9.4
NEW MANGALORE									
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
2010-11	-	5.9	5.9	-	-	-	-	5.9	5.9
ALL MAJOR PORTS									
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
2010-11	26.2	32.5	68.1	157.1	162.2	319.3	161.7	173.3	344.2

(a) : Included in coastal.

Note : There was no Passenger Traffic at Kandla, J. L. Nehru, Ennore and Tuticorin Ports for the period 1992-93 to 2010-11

Table 3.2.8

Number, Type And Size Of Ships Handled at Major Ports

(GRT in '000)

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

(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
Cochin	2000-01	348	3631	135	590	60	722	421	9971	1	34	-	-	965	14948
	2001-02	429	4297	130	567	59	785	359	9074	-	-	-	-	977	14723
	2002-03	433	4087	129	539	52	859	330	8650	-	-	-	-	944	14135
	2003-04	381	3737	141	372	50	684	338	9450	-	-	-	-	910	14243
	2004-05	314	3529	118	324	48	856	345	9837	-	-	-	-	825	14546
	2005-06	421	4678	109	618	50	846	383	9784	-	-	-	-	963	15926
	2006-07	383	5234	92	539	54	915	378	10550	-	-	-	-	907	17238
	2007-08	350	5703	73	304	31	688	352	11280	-	-	-	-	806	17975
	2008-09	335	4296	63	387	53	850	306	10112	-	-	-	-	757	15645
	2009-10	390	5096	44	348	59	865	381	12060	-	-	-	-	874	18369
	2010-11	360	5010	39	309	47	803	373	12629	-	-	-	-	819	18751
Tuticorin	2000-01	442	3957	353	1579	262	5749	148	1652	-	-	-	-	1205	12937
	2001-02	488	4368	494	2210	277	5822	141	1708	-	-	-	-	1400	13770
	2002-03	474	4382	519	2106	300	6142	133	1283	-	-	-	-	1426	13913
	2003-04	516	5789	502	1878	288	6112	173	1567	-	-	-	-	1479	15346
	2004-05	463	5973	486	1949	303	6982	183	1891	-	-	-	-	1435	16795
	2005-06	518	6216	540	2374	330	7997	160	2075	-	-	-	-	1548	18662
	2006-07	534	7628	496	2245	325	7935	154	2004	-	-	-	-	1509	19812
	2007-08	440	6487	563	2095	407	8903	166	1849	-	-	-	-	1576	19334
	2008-09	451	5801	432	1646	441	8987	172	2011	-	-	-	-	1496	18445
	2009-10	455	5832	299	1714	451	9955	175	1981	-	-	-	-	1380	19482
	2010-11	378	5404	361	2208	396	9276	214	3274	-	-	-	-	1349	20162
Chennai	2000-01	340	3600	335	3370	620	16310	442	8345	11	314	-	-	1748	31939
	2001-02	288	3589	312	2854	468	12779	472	8523	8	229	-	-	1548	29974
	2002-03	420	5394	350	3165	352	9768	435	8122	-	-	-	-	1557	26449
	2003-04	467	5800	275	2205	379	10370	449	8773	-	-	25	1092	1595	28240
	2004-05	416	5509	275	2514	441	11632	421	9866	-	-	49	1955	1602	31476
	2005-06	592	7238	357	5425	429	11727	415	10649	-	-	-	-	1793	35039
	2006-07	698	9252	476	6888	463	13065	422	10668	-	-	-	-	2059	39873
	2007-08	713	12933	346	3402	455	12713	423	11232	-	-	48	2049	1985	42329
	2009-10	703	14901	345	3837	446	12658	494	12000	-	-	85	4411	2073	47807
	2010-11	812	16387	399	4574	309	8670	502	12813	-	-	101	4963	2123	47407
	Ennore	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
2010-11		-	-	-	-	-	184	5942	109	2112	-	-	-	293	8054
Visakhapatnam		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
	2010-11	277	6173	166	1267	1248	34025	778	24683	-	-	-	-	2469	66148

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

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

(GRT in '000)

Port	Year	Container		Break Bulk		Dry Bulk		Liquid Bulk		Lash		Ro-Ro		Total	
		No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Paradip	2000-01	3	26	8	138	632	16260	243	3845	15	437	-	-	901	20706
	2001-02	5	43	8	72	636	16616	241	3716	9	305	1	Neg.	900	20752
	2002-03	17	156	4	39	669	18879	197	3329	3	91	-	-	890	22494
	2003-04	23	192	85	228	757	20400	165	2674	-	-	-	-	-	23494
	2004-05	10	101	144	369	882	23709	136	2467	-	-	-	-	1172	26646
	2005-06	14	146	102	226	1001	27470	146	3001	-	-	-	-	1263	30843
	2006-07	11	68	76	403	1098	30134	217	4211	-	-	-	-	1355	34816
	2007-08	19	134	118	577	1213	31861	232	4977	-	-	-	-	1513	37549
	2008-09	9	84	79	631	1226	33378	239	5435	-	-	-	-	1553	39528
	2009-10	12	118	41	453	1151	32160	327	11693	-	-	-	-	1531	44424
	2010-11	15	141	22	243	1098	30991	352	12623	-	-	-	-	1487	43998
Kolkata	2000-01	255	1802	191	1406	1	6	251	3694	14	399	12	143	724	7450
	2001-02	241	1892	183	1421	-	-	226	2790	10	286	3	39	663	6428
	2002-03	294	2339	215	1517	-	-	201	3070	2	57	-	-	712	6983
	2003-04	307	2536	218	1412	4	78	222	3506	-	-	-	-	751	7532
	2004-05	327	2648	224	1186	7	91	192	3592	-	-	-	-	750	7517
	2005-06	372	3252	191	1385	16	215	182	3483	-	-	2	22	763	8357
	2006-07	416	3508	238	1506	27	374	200	3930	-	-	11	120	891	9438
	2007-08	519	4083	280	1740	38	459	171	3554	-	-	11	112	1012	9948
	2008-09	526	4435	244	1529	42	557	240	3371	-	-	10	111	1057*	9964
	2009-10	579	5105	400	3009	65	1032	264	1873	-	-	-	-	1308	11019
	2010-11	570	4720	352	2418	105	1964	269	2358	-	-	6	63	1301	11523
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
	2010-11	355	3645	55	507	823	22623	998	24048	-	-	-	-	2231	50823
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	5346	110151	2722	28656	6264	162475	6678	175727	0	0	107	4989	21117	481998
	2009-10	5627	119801	2668	33554	6553	175092	7126	180236	0	0	87	4491	22061	513174
	2010-11	5604	124896	2696	34395	6198	164008	7340	190359	0	0	2751	9481	24588	523139

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

**Table
3.2.9**

Distribution of Revenue And Expenditure at Major Ports

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expenditure	Port and Dock Charges including Pilotage		Cargo handling and 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
KANDLA													
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
2010-11	67664	51516	20168	15751	24378	11856	-	30	4645	2923	18473	13300	7656
MUMBAI													
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
2010-11	143686	147982	35667	17322	55402	45705	948	2795	10788	6324	40881	54200	21636

**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
JAWAHARLAL NEHRU													
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
2010-11	65408	44997	16231	8741	25957	15448	-	121	6583	4329	16637	5753	10605
MORMUGAO													
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
2010-11	38586	33088	10055	6007	22829	10870	3095	661	1207	772	1400	8916	5862

(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
NEW MANGALORE													
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
2010-11	35317	24490	6258	7845	20595	5280	316	110	3621	568	4527	5731	4956
COCHIN													
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
2010-11	31177	39783	11521	13542	9228	4110	-	-	6859	979	3569	12335	8817

**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
TUTICORIN													
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
2010-11	31273	16377	7917	4407	16846	2057	202	348	1140	390	5168	4408	4767
CHENNAI													
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
2010-11	87577	80770	19111	9384	44532	19458	2868	4099	1881	844	19185	22797	24188
ENNORE													
2001-02	3094	6690	18	-	3059	148	-	-	-	-	17	4959	1583
2002-03	7805	7149	@	@	7687	1829	-	-	@	@	118	4889	431
2003-04	8732	9311	@	@	8564	3185	-	-	@	@	168	5535	591
2004-05	9327	8326	@	@	9200	3468	-	-	@	@	127	4153	705
2005-06	9780	8848	@	@	9232	3290	-	-	@	@	548	4897	661
2006-07	11050	7588	@	@	10105	3337	-	-	@	@	946	3481	770
2007-08	14372	3787	@	@	12802	2995	-	-	@	@	1570	6641*	792
2009-10	14553	9685	@	@	14206	9685	-	-	@	@	347	...	...
2010-11	16810	11252	@	@	16728	11252	-	-	@	@	82	...	...

@: Included under Cargo Handling & warehousing.

* Includes depreciation of Rs. 1274 lakhs in 2007-08 & 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
VISAKHAPATNAM													
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
2010-11	81630	64223	22159	8285	36910	12947	10088	6003	4707	2692	7766	23452	10844
PARADIP													
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
2010-11	85115	43519	17693	9245	41456	13920	9495	4155	1893	3691	14578	4404	8104

**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
HALDIA DOCK COMPLEX													
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
2010-11	73716	92253	20982	42282	29047	9342	8018	3202	8207	2292	7462	25730	9405
KOLKATA DOCK SYSTEM													
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
2010-11	42885	54062	6009	11915	18533	12056	1379	1563	13221	1831	3743	13814	12883

**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	687094	442211	183630	107506	302659	103126	26818	15127	43677	17244	130310	125036	74173
2007-08	718933	466769	187076	113852	321022	110094	32181	17174	46291	19046	132363	119692	86911
2008-09	752106	573151	204178	132176	327964	122015	34304	18927	48323	23442	137337	171353	105238
2009-10	797668	651731	228014	153836	331844	146468	37801	22270	55471	25512	144538	177562	126083
2010-11	800844	704312	193771	154726	362441	174301	36409	23087	64752	27635	143471	194840	129723

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
Operating Income														
1995-96	13828	58188	23367	8010	5461	10709	5405	25513	-	24396	15149	25112	20894	236032
1996-97	16016	59258	24607	9035	11847	13776	5884	27396	-	27126	16271	31921	22307	265444
1997-98	19064	60638	32003	11059	15496	15545	7519	30135	-	27254	17673	44175	24572	305133
1998-99	23227	60731	38309	12092	15492	16290	8543	31414	-	27375	17279	64307	26176	341235
1999-00	22520	53267	36753	13448	17110	18041	9014	33904	-	30706	18442	56738	25728	335671
2000-01	18098	46419	32621	16193	17534	18360	11457	37049	-	34866	26213	71103	24617	354530
2001-02	17965	43812	38667	18757	19433	18706	11705	33979	3077	39498	29721	91520	23173	390013
2002-03	21197	45892	44125	18759	20241	20068	12459	33546	7687	42756	38121	65046	21782	391679
2003-04	21091	46039	53931	20769	22416	20146	12462	36856	8564	45429	41272	74699	19215	422889
2004-05	23626	57096	63009	21565	26771	20748	13779	40364	9200	50187	47138	77541	20733	471757
2005-06	25419	66024	67032	22106	25472	19895	15904	43169	9232	52846	51351	83210	28619	510279
2006-07	33126	75791	80279	25794	25598	21208	18301	53497	10104	53375	59676	95809	31386	583944
2007-08	34157	81815	89082	24751	27109	22009	19535	62809	12802	56542	63998	100409	36213	631231
2008-09	40876	80875	96506	27549	30099	20840	21973	67149	13776	59973	69671	101739	36477	667503
2009-10	44919	89514	104206	32683	31845	23208	24040	71835	14266	66080	74887	97342	45078	719903
2010-11	49191	95500	112263	37186	30791	27608	26106	68391	-	73864	70538	103530	45985	740953
Operating Expenditure														
1995-96	6645	31359	11564	6374	4023	8164	2818	15190	-	14678	8617	12045	14970	136447
1996-97	7939	37443	13983	6852	5806	9458	3124	16481	-	16671	9911	16611	16217	160496
1997-98	8969	39523	16970	8343	7194	11126	3711	19948	-	17673	10332	23764	17427	184980
1998-99	8625	43440	18687	10046	8251	12949	4464	21936	-	18125	11341	46268	19954	224086
1999-00	12642	42278	22735	10416	9460	14726	5225	26728	-	20153	12334	40853	20998	238548
2000-01	11540	50082	21112	14163	10980	15346	6012	32485	-	23751	15094	44269	24671	269505
2001-02	10493	42096	22185	13273	10801	15573	5809	28091	1731	22364	20091	47434	22272	262213
2002-03	13971	43099	21231	12832	9603	14721	6099	27025	2260	21768	21179	45352	21113	260253
2003-04	16558	42258	23406	13473	10811	14188	6478	26139	3776	22126	21295	47654	19755	267917
2004-05	17278	45920	27181	13938	10814	14625	6437	28647	4173	22353	23941	46493	19330	281130
2005-06	17288	46041	27033	14230	12011	13504	6157	31295	3951	24310	26197	56879	21358	300254
2006-07	21186	50263	28795	16022	12936	14757	6897	34808	4107	24379	28260	54022	23161	319593
2007-08	24797	56725	31379	18463	13987	18120	7476	40085	3788	27933	25078	50929	24392	343152
2008-09	32646	62989	37537	21978	15194	19546	9847	45551	3533	34987	35817	56448	29966	406039
2009-10	36048	72022	39370	23525	18326	23295	11861	53284	3084	46471	39060	67437	38360	472143
2010-11	38216	77500	44445	24172	18759	27449	11969	57973	-	40771	39115	66523	40248	487140

Table 3.2.10 (Contd...) Operating Financial Parameters for Major Ports

(Rs. In Lakh)

Item/Year	Kandla	Mumbai	J.L. Nehru	Mormu-gao	N.Manga-lore	Cochin	Tuticorin	Chennai	Ennore	Visakha-patnam	Paradip	Haldia Dock Complex	Kolkata Dock System	All Ports
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Operating Surplus														
1995-96	7183	26829	11803	1636	1438	2545	2587	10323	-	9718	6532	13067	5924	99585
1996-97	8077	21815	10624	2183	6041	4318	2760	10915	-	10455	6360	15310	6090	104948
1997-98	10095	21115	15033	2716	8302	4419	3808	10187	-	9581	7341	20411	7145	120153
1998-99	14602	17291	19622	2046	7241	3341	4079	9478	-	9250	5938	18039	6222	117149
1999-00	9878	10989	14018	3032	7650	3315	3789	7176	-	10553	6108	15885	4730	97123
2000-01	6558	(-)3663	11509	2030	6554	3014	5445	4564	-	11115	11119	26834	(-)54	85025
2001-02	7472	1716	16482	5484	8632	3133	5896	5888	1346	17134	9630	44086	901	127800
2002-03	7226	2793	22894	5927	10638	5347	6360	6521	5427	20988	16942	19694	669	131426
2003-04	4533	3781	30525	7296	11605	5958	5984	10717	4788	23303	19977	27045	(-)540	154972
2004-05	6348	11176	35828	7627	15957	6123	7342	11717	5027	27834	23197	31048	1403	190627
2005-06	8131	19983	39999	7876	13461	6391	9747	11874	5281	28536	25154	26331	7261	210025
2006-07	11940	25528	51484	9772	12662	6450	11404	18689	7103	28996	31416	41787	8225	265456
2007-08	9360	25090	57703	6288	13122	3889	12059	22724	9014	28609	38920	49480	11821	288079
2008-09	8230	17886	58969	5571	14905	1294	12126	21598	10243	24986	33854	45291	6511	261464
2009-10	8230	17886	58969	5571	14905	(-)87	12126	21598	10243	24986	33854	45291	6511	261464
2009-10	4828	8853	57136	4024	11773	(-)87	10112	13865	10692	13502	30611	34302	-1883	195360
2010-11	10975	18000	67818	13014	12032	(-)87	14137	10418	0	33093	31423	37007	5737	253813
Net Surplus (before tax)														
1995-96	12608	25434	12542	1936	2057	(-)565	2345	13514	-	5855	3954	8240	225	88145
1996-97	16279	19192	14252	2143	4147	2265	2646	17445	-	7398	4680	12907	1419	104773
1997-98	19020	17360	20475	3020	6914	4507	3624	16816	-	7505	5071	17050	297	121659
1998-99	21110	10764	23545	2274	3915	3125	3637	17094	-	6883	4801	11282	(-)1680	106750
1999-00	21492	8341	13305	2344	5572	271	3689	14526	-	2900	4670	8194	(-)3830	81474
2000-01	17065	(-)36735	10121	2220	4289	(-)3375	3738	3760	-	1946	7288	9657	(-)10411	9563
2001-02	19240	(-)15950	11297	773	4969	(-)3502	4049	21354	(-)3596	4283	3285	16848	(-)4810	58240
2002-03	17207	31386	17935	2336	5524	1940	5056	12668	656	5757	7889	12675	(-)5550	115478
2003-04	9062	(-)16254	26206	2737	5940	2134	5566	7419	(-)579	7781	12770	18865	(-)9320	66459
2004-05	19343	4676	33613	2265	7798	364	6919	11595	1001	1048	14117	23229	(-)7192	109747
2005-06	20001	28320	43716	4735	14368	2960	9039	15836	932	20564	19132	25049	2016	204439
2006-07	21624	18698	56915	4047	10916	2666	11345	26279	3462	18782	29292	43535	2976	250537
2007-08	24709	26796	67759	3985	12696	449	11560	43126	3943	11144	33090	43250	9737	292244
2008-09	22349	10749	71230	1133	14801	(-)1475	12346	26666	5224	16499	34654	19411	(-)13761	235062
2009-10	20168	2999	78337	2306	12866	(-)8926	13187	21115	5893	4375	43922	19158	(-)7030	224326
2010-11	16148	13995	78667	5499	10826	(-)8608	14897	6806	-	17408	41595	18740	(-)4335	224581

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	56.27	35.22	57.49	51.60	61.36	31.52	63.82	30.86	49.40	49.34	56.65	58.98	47.57
2008-09	79.87	77.88	38.90	79.77	50.48	93.79	44.81	67.84	25.65	58.34	51.41	55.48	82.15	60.83
2009-10	80.25	80.46	37.78	71.98	57.55	100.37	49.34	74.18	21.62	70.33	52.16	69.28	85.10	65.58
2010-11		77.69	81.21	39.59	65.00	60.92	99.42	45.85	84.77	-	55.20	59.93	87.52	65.75

**Table
3.2.12**

Employment of Manpower at Major Ports as on 31st March (2001-2011)

(In Numbers)

PORT	Year										
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
1	2	3	4	5	6	7	8	9	10	11	12
KPT	4304	4172	3929	3788	3574	3506	3414	4237	4149	4008	3774
MbPT(a)	23790	22699	22217	21480	19388	19682	14935	14481	14296	14059	13391
JNPT	1833	1836	1820	1810	1791	1778	1766	1763	1746	1739	1730
MoPT	4465(a)	3749(a)	3556(a)	3385(a)	3243(a)	3135(a)	3082	3018	2967	2891	2817
NMPT(c)	2421	2274	2220	2124	1985	1908	1832	1770	1819	1719	1636
CoPT(a)	5349	4449	4414	4353	3959	3849	4823	4306	4103	3948	3749
TPT(b)	3744	3087	2963	2788	2589	2574	2407	2259	2224	2191	2079
ChPT	12251	10886(a)	11172(a)	10329(a)	8842(a)	8582(a)	9755	9065	8117	8020	7774
EPL	-	16	17	17	21	20	45	59	65	86	88
VPT	6909	6345	6227	5889	5550	5216	5208	5069	5052	4877	4584
PPT	4116	3618	3513	3407	3306	3158	3013	2910	2851	2761	2634
KDS)	9783	9084	8148	7551	6995	6530	6138	5925	5869	5675	5374
HDC	4811	4664	4473	4285	4104	3964	3793	3694	3620	3498	3304
ALL MAJOR PORTS	83771	76879	74669	71206	65347	63903	60211	58556	56878	55472	52934
(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, 2002-2011)****(In Numbers)**

PORT										
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
1	2	3	4	5	6	7	8	9	10	11
KPT	835	799	770	746	708	646	(a)	(a)	(a)	789
MbPT	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2586
MoPT	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
CoPT	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
ChPT	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
VPT	816	1166	1113	1082	996	966	925	-	978	859
KDS	1439	1222	967	692	431	290	195	177	140	100
TOTAL	3090	3187	2850	2520	2135	1902	1120	177	1118	4334

(a) Dock Labour Board merged with Port Trust.

**Table
3.2.14****Number of Dock Workers Listed with
Major Ports (As On 31st March, 2002-2011)****(In Numbers)**

PORT										
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
1	2	3	4	5	6	7	8	9	10	11
ChPT	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
VPT	447	74	115	102	152	159	139	-	-	-
TOTAL	447	74	115	102	152	159	139	-	-	-

(a) DLB merged with Port.

Table 3.3.1

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

(In'000 Tonnes)

States/ U.T.	Overseas			Coastal			Overseas & Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
GUJARAT									
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
2010-11#	136606	59900	196506	16896	17505	34401	153502	77405	230907
MAHARASHTRA									
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
2010-11	4730	2411	7141	7539	195	7734	12269	2606	14875
GOA									
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
2010-11	96	14468	14564	17	-	17	113	14468	14581
DAMAN & DIU									
2000-01	-	-	-	-	-	-	-	-	-
2001-02	-	-	-	-	-	-	-	-	-
2001-02	-	-	-	-	-	-	-	-	-
2002-03	-	-	-	-	-	-	-	-	-
2003-04	-	-	-	-	-	-	-	-	-
2004-05	-	-	-	-	-	-	-	-	-
2005-06	-	-	-	-	-	-	-	-	-
2006-07	-	-	-	-	-	-	-	-	-
2007-08	-	-	-	-	-	-	-	-	-
2008-09	-	-	-	-	-	-	-	-	-
2009-10	-	-	-	-	-	-	-	-	-
2010-11	-	-	-	-	-	-	-	-	-

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

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

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

Table 3.3.1(Contd...)

Trend in Cargo Traffic Handled At Non-Major Ports

State-Wise

(In'000 Tonnes)

States/ U.T.	Overseas			Coastal			Overseas & Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
KARNATAKA									
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
2010-11	86	2778	2864	99	132	231	185	2910	3095
KERALA									
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
2010-11	1	8	9	37	78	115	38	86	124
TAMIL NADU									
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
2010-11	306	7	313	811	487	1298	1117	494	1611
PUDUCHERRY									
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
2010-11	4627	101	4728	-	-	-	4627	101	4728

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
ANDHRA PRADESH									
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
2010-11	28663	11523	40186	1337	1744	3081	30000	13267	43267
ORISSA									
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
2010-11	174	291	465	-	-	-	174	291	465
ANDAMAN NICOBAR ISLANDS									
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
2010-11*	342	-	342	985	352	1337	1327	352	1679
LAKSHADWEEP									
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	5	26	26	-	26
2007-08	-	-	-	26	-	26	26	-	26
2008-09	-	-	-	26	-	26	26	-	26
2009-10	-	-	-	26	-	26	26	-	26
2010-11	-	-	-	26	-	26	26	-	26

\$: Container cargo is included in Overseas "Unloaded" (4.22 Lakh tonnes)

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

Table 3.3.1(Contd...)

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

(In'000 Tonnes)

States/ U.T.	Overseas			Coastal			Overseas & Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
TOTAL									
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	27324	44817	108261	76661	184922
2007-08	107040	70265	177305	16872	12202	29074	123912	82467	206379
2008-09	117759	65786	183545	18506	11171	29677	136265	76957	213222
2009-10	159886	83623	243509	24709	20719	45428	184595	104342	288937
2010-11	175631	91487	267118	27747	20493	48240	203378	111980	315358

Table 3.3.2

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

(In'000 Tonnes)

States	POL & Products	Iron ore	Building Material	Coal	Fertiliser & FRM	Others	Total
1	2	3	4	5	6	7	8
GUJARAT							
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
2010-11a	140874	7156	8798	29731	6085	38263	230907
MAHARASHTRA							
1996-97	-	2845	723	379	-	297	4244
1997-98	16	2488	796	851	-	534	4685
1998-99	209	2653	1446	529	-	358	5195
1999-00	751	3022	1284	475	-	514	6046
2000-01	495	3466	1279	395	-	410	6045
2001-02	98	2077	1354	826	-	602	4957
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
2010-11	-	5120	2277	4997	228	2253	14875
GOA							
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
2010-11	-	14581	-	-	-	-	14581

\$ * a : 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
DAMAN & DIU							
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	-	-	-	-	-	-	-
2010-11	-	-	-	-	-	-	-
KARNATAKA							
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
2010-11	31	2322	77	-	17	648	3095
KERALA							
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
2010-11	16	-	11	-	-	97	124

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
TAMIL NADU							
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
2010-11	1503	-	7	-	58	43	1611
PUDUCHERRY							
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
2010-11	-	-	2	3974	500	252	4728
ANDHRA PRADESH							
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
2010-11	2786	8957	484	19618	5799	5623	43267

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
ORISSA							
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
2010-11#	-	130	-	142	32	161	465
ANDAMAN NICOBAR ISLANDS							
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
2010-11	168	-	671	-	6	834	1679
LAKSHADWEEP							
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
2010-11	-	-	-	-	-	26	26

Data related to last year

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
TOTAL							
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
2010-11	145378	38266	12327	58462	12725	48200	315358

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	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
1	2	3	4	5	6	7	8	9
GUJARAT								
Sikka	Crude Oil	-	-	-	-	-	-	-
	Propylene	-	-	-	-	-	-	-
Bedi	Iron Ore	-	-	-	-	-	-	-
Bhavnagar	Iron Ore	-	-	-	-	-	-	-
	Clinker	-	-	-	-	-	-	-
	Iron&steel	-	-	-	-	-	-	-
	Lime stone	-	-	-	-	-	-	-
Magdalla	EDC	-	-	-	-	-	-	-
	Paraxylene	-	-	-	-	-	-	-
	Copper	-	-	-	-	-	-	-
GAPL	...	-	-	-	-	-	-	-
Pipavav	Salt	-	-	-	-	-	2	-
MAHARASHTRA								
Dharamtar		7145	5935	6437	5840	4850	6531	6531*
ANDHRA PRADESH								
Kakinada		-	-	-	-	-	-	-
Deep water	Crude oil	-	-	5	-	6724	1509	901
TAMIL NADU								
Cuddalore		-	-	-	-	-	-	-
Kerala								
Kozhikode/Bey pore		-	-	-	-	36	37	-
Total Transshipment		7145	5935	6442	5840	11610	8093	7432

* Data related to last year

Table 3.3.4 Passenger Traffic Handled At Non-Major Ports

('00 Nos.)

Year	Overseas		Coastal		Total	
	Embarked	Dis-embarked	Embarked	Dis-embarked	Embarked	Dis-embarked
1	2	3	4	5	6	7
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
2010-11	3	3	73412	61935	73415	61938

Table 3.3.5

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

(In '00 Nos.)

State/UT/Port	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
1	2	3	4	5	6	7	8	9	10	11
GUJARAT										
Embarked	-	-	-	-	-	-	-	-	1	-
Disembarked	-	-	-	-	-	-	-	-	1	-
MAHARASHTRA	118685	119038	109713	130577	181380	130880	133172	142114	105648	105648
Embarked	60756	60914	63174	67057	121638	68492	69607	76718	58598	58598
Disembarked	57929	58124	46539	63520	59742	62388	63565	65396	47050	47050
GOA	-	-	-	-	-	-	-	-	-	-
Embarked	-	-	-	-	-	-	-	-	-	-
Disembarked	-	-	-	-	-	-	-	-	-	-
KERALA	77	73	87	76	76	115	123	153	151	211
Embarked	36	37	52	39	39	56	63	73	72	101
Disembarked	41	36	35	37	37	59	60	80	79	110
TAMILNADU	13906	13906	15356	11458	10317	14920	16752	18580	19330	19250
Embarked	6953	6953	7678	5729	5158	7460	8376	9290	9665	9625
Disembarked	6953	6953	7678	5729	5159	7460	8376	9290	9665	9625
KARNATAKA	-	23	19	11	23	19	7	30	12	46
Embarked	-	10	8	6	11	11	4	15	8	23
Disembarked	-	13	11	5	12	8	3	15	4	23
ANDAMAN GROUP	1720	1720	4689	5255	10880	9089	11022	12061	10087	10198
Embarked	782	782	2300	2673	5353	4634	5547	5835	4985	5068
Disembarked	938	938	2389	2582	5527	4455	5475	6226	5102	5130
ALL MINOR/ INTERMEDIATE PORTS	134388	134760	129864	147377	202676	155023	161076	172938	135230	135353
Embarked	68527	68696	73212	75504	132199	80653	83597	91931	73329	73415
Disembarked	65861	66064	56652	71873	70477	74370	77479	81007	61901	61938

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
STEAMERS										
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
2010-11	6730	796	-	217	209	80	137	1213	-	6616
SAILING VESSELS										
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
2010-11	2504	17285	191	644	340	413	-	1234	20	1698
TOTAL										
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
2010-11	9234	18081	191	861	549	493	137	2447	20	8314

(a) Data of Maharashtra, AP & Orissa relates to previous year.

(b) Data relates to Andaman & Nicobar Islands

* Data related to Karwar & Malpe port only.

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

PORT	Year									
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
1	2	3	4	5	6	7	8	9	10	11
GUJARAT	2441	2662	2048	1816	1265	1743	1718	1650	1590	981
MAHARASHTRA	173	173	165	154	154	154	153	130	84	84
GOA	166	166	139	139	134	133	146	140	140	141
DAMAN & DIU	22	22	22	22	22	22	22	22	22	22
KARNATAKA	71	99	76	105	109	103	55	146	145	145
KERALA	354	316	257	121	121	185	191	175	175	195
TAMIL NADU	110	110	73	89	68	68	62	60	60	51
PUDUCHERRY	92	79	79	75	75	42	33	59	59	66
ANDHRA PRAD	107	109	62	66	57	57	69	269	269	269
ANDAMAN & NICOBAR										
Island	474	477	470	468	452	447	452	454	454	448
Orissa	N.A	N.A	N.A	N.A	N.A	N.A	118	118	118	118
TOTAL	4010	4213	3391	3055	2457	2954	3019	3223	3116	2520

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 positin (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 Kingdor	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	Xamen	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 - 2004-2008

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

Gross Domestic Product by Economic

Table 5.1 Activity (at 2004-05 prices)

Industry	(Rs. in Crore)						
1	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10 @	2010-11*
	2	3	4	5	6	7	8
1. Agriculture, forestry & fishing							
1.1 Agriculture	565426	594487	619190	655080	655689	662509	709103
1.2 Forestry & Logging	476643	502996	523745	556956	555442	559376	602939
1.3 Fishing	61640	62742	64795	65697	66932	68813	70802
2. Mining & quarrying	27152	28749	30650	32427	33315	34320	35362
3. Manufacturing	85028	86141	92578	95997	98055	104225	109421
3.1 Registered	453225	499020	570458	629073	656302	719728	774162
3.2 Unregistered	292344	327739	379374	417528	442055	493893	532219
4. Elect.gas & water supply	160881	171281	191084	211545	214247	225835	241943
5. Construction	62675	67123	73362	79430	83050	88266	90944
6. Trade, hotels & restaurant	228855	258129	284806	315495	332329	355717	384199
6.1 Trade	477303	535397	594918	655013	692224	746178	813079
6.2 Hotel & Restaurants	433967	484521	536693	589242	628627	680780	742621
7. Transport, storage & communication	43336	50876	58225	65771	63597	65398	70458
7.1. Railway	250417	280010	315166	354507	392901	451035	517376
7.2. Transports by other means	29162	31339	34832	38235	41161	45036	48118
7.3 Storage	169995	185741	202367	219969	231564	248321	269208
7.4. Communication	1980	2073	2298	2375	2711	2948	3180
8. Financing, insurance, real estate & business services	49280	60857	75669	93928	117465	154730	196870
8.1. Banking & Insurance	437174	492340	561063	628124	703629	769883	849995
8.2. Real Estate, Ownership of dwelling & Business Service	171098	198158	238899	278776	317826	353880	405132
9. Community, social & personal services	266076	294182	322164	349348	385803	416003	444863
9.1. Public Administration & Defence	411361	440426	452823	483917	544497	610096	637675
9.2. Other Service	174638	182212	185639	199773	239349	282891	286453
10. GDP at factor cost (Total)	236723	258214	267184	284144	305148	327205	351222
	2971464	3253073	3564364	3896636	4158676	4507637	4885954
		(9.5)	(9.6)	(9.3)	(6.7)	(8.4)	(8.4)

Note: Figures in parentheses represent percentage change.

Source: Central Statistical Organisation, Govt. of India.

@ : Provisional estimates , *Quick estimates

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)			
	2006-07	2007-08	2008-09(P)	2006-07	2007-08	2008-09	2009-10(P)
1	2	3	4	5	6	7	8
I Bulk Imports	84235.8	112744.9	138791.1	382060.4	453918.0	627486.3	592784.1
A. Petroleum, Crude and Products	56945.3	79644.6	93671.7	258571.8	320654.5	419967.6	411649.1
B. Bulk Consumption Goods	4294.1	4600.3	4975.3	19430.8	18521.0	22883.2	42759.3
1. Cereals and Cereal Preparations	32.1	705.2	47.0	145.1	2839.1	216.2	496.8
2. Edible Oils	2108.3	2558.6	3443.4	9539.9	10301.1	15837.5	26483.3
3. Pulses	860.1	1335.0	1358.1	3891.9	5374.9	6246.4	9813.4
4. Sugar	0.8	1.5	126.8	3.5	5.9	583.2	5965.8
C. Other Bulk Items	22996.4	28500.0	40144.1	104057.8	114742.5	184635.5	138375.7
1. Fertilizers	3144.0	5406.0	13626.5	14226.8	21764.9	62672.8	32436.7
a) Crude	361.1	467.3	1062.6	1634.1	1881.6	4887.4	3326.2
b) Sulphur and Unroasted Iron Pyrites	109.3	362.0	651.1	494.7	1457.5	2994.8	682.0
c) Manufactured	2673.6	4576.6	11912.7	12098.0	18425.8	54790.5	24428.6
2. Non Ferrous Metals	2604.9	3505.2	5699.3	11787.1	14112.3	26213.0	14264.0
3. Paper, Paperboards, Mgfs. Incl. News Prints	1206.8	1424.8	1770.3	5460.9	5736.2	8142.0	7136.1
4. Crude Rubber, incl. Synthetic and Reclaimed	630.8	785.7	860.8	2854.4	3163.3	3959.0	4813.4
5. Pulp and Waste Paper.	639.3	778.0	805.6	2892.7	3132.1	3705.0	4178.1
6. Metalliferous Ores, Metal Scrap, etc.	8345.8	7911.7	7906.3	37764.5	31852.9	36363.6	36449.9
7. Iron and Steel	6424.7	8688.6	9475.3	29071.4	34980.8	43580.2	39097.5
II. Non-Bulk Imports	101499.4	138694.5	164905.2	458445.9	558393.8	746949.3	770951.5
A. Capital Goods	47069.2	70110.4	71833.0	212986.0	282269.4	330384.3	312485.4
1. Manufactures of Metals	1603.6	2662.7	3254.9	7256.3	10720.2	14970.5	11396.3
2. Machine Tools	1481.3	2208.0	2259.8	6702.8	8889.6	10393.6	7855.3
3. Machinery except Electrical and Electronic	13850.4	19860.4	21601.0	62672.4	79959.4	99350.3	93383.3
4. Electrical Machinery except Electronic	1959.8	2870.5	3685.5	8868.0	11556.9	16951.0	14770.8
5. Electronic Goods	15972.5	20209.9	23333.8	72275.0	81366.3	107319.8	99418.6
6. Computer Goods	967.0	893.8	1274.6	4375.7	3598.3	5862.5	7972.8
7. Transport Equipment	9438.6	20111.6	13230.3	42709.3	80970.7	60850.7	55471.9
8. Project Goods	1795.9	1293.5	3193.1	8126.5	5207.9	14685.9	22216.5
B. Mainly Exported Related Items	17871.7	20768.2	31930.8	80868.7	83614.6	146860.0	148355.2
1. Pearls, Precious and Semi-Precious Stones	7487.5	7971.6	16581.3	33880.7	32094.3	76263.0	76678.3
2. Organic and Inorganic Chemicals	7830.6	9896.6	12203.0	35433.4	39844.5	56125.4	56472.7
3. Textile Yarn, Fabrics, Made-ups, etc.	2151.2	2474.1	2565.4	9733.9	9961.0	11799.2	12156.7
4. Cashew Nuts	402.4	425.9	581.1	1820.7	1714.8	2672.4	3047.5
C. Others	36558.5	47815.9	61141.4	164591.2	192509.8	269705.0	310110.9
1. Gold and Silver	14646.0	17866.9	22783.0	66272.3	71933.5	104786.4	140440.4
a). Gold	14461.9	16723.6	20725.6	65439.5	67330.4	95323.8	135877.9
b). Silver	184.1	1143.3	2057.4	832.8	4603.1	9462.6	4562.5
2. Artificial Resins and Plastic Materials, etc.	2584.8	3685.2	3939.1	11696.2	14836.6	18117.3	23674.7
3. Professional, Scientific Controlling Instruments, Photographic Optical Goods	2341.0	3899.6	4420.3	10593.1	15700.0	20330.4	17157.0
4. Coal, Coke and Briquettes, etc.	4576.8	6423.7	9990.1	20709.7	25862.2	45948.0	42511.1
5. Medical and Pharmaceutical Products	1296.4	1671.7	1886.1	5866.4	6730.4	8674.8	9959.0
6. Chemical Materials and Products.	1321.6	1625.3	2092.8	5980.1	6543.6	9625.6	10874.3
7. Non-Metallic Mineral Manufactures	780.0	1046.6	1171.4	3529.5	4213.7	5387.7	5127.7
8. Others	9011.9	11596.9	12357.2	39943.9	46689.8	56834.8	60366.7
Total Imports	185735.2	251439.4	303696.3	840506.3	1012311.8	1374435.6	1363735.5

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
I. Primary Products	27551.9	25335.4	26396.5	110925.9	116526.1	125233.9
A. Agriculture and Allied Products	18432.1	17534.9	17734.1	74209.0	80649.1	84136.3
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. Ores and Minerals	9119.8	7800.5	8662.5	36716.9	35877.0	41097.6
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
II. Manufactured Goods	102978.8	123148.9	115180.7	414599.3	566402.2	546455.7
A. Leather and Manufactures	3502.5	3556.0	3361.1	14101.3	16355.1	15946.4
B. Chemicals and Related Products	21193.8	22708.2	22908.8	85327.7	104442.1	108686.7
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
C. Engineering goods	37365.1	47285.5	38271.3	150434.8	217482.0	181571.7
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
D. Textile & textile products	19425.8	20016.4	19853.0	78209.3	92061.8	94189.3
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
E. Gems & Jewellery	19678.7	27955.2	28996.3	79227.7	128575.2	137568.0
F. Handicrafts(excluding carpets)	508.2	30.9	224.8	2046.2	1384.2	1066.6
G. Other manufactured goods.	1304.6	1326.7	1565.5	5252.3	6101.9	7427.0
III. Petroleum Products	28363.1	27547.0	28192.0	114191.7	123397.9	132899.0
IV. Others	4010.5	9263.7	8982.2	16146.6	34428.9	40945.0
Total Exports	162904.3	185295.0	178751.4	655863.5	840755.1	845533.6

P: Provisional

Source: Directorate General of Commercial Intelligence and Statistics.

Table 5.5		Share of Sea-borne Trade in the Total Foreign Trade			(Value In Rs. Crore)	
Year	Total Exports Including Re-exports	Share of Sea Borne in Exports(In Percentage)	Total Imports	Share of Sea Borne in Imports(In Percentage)	Share Of Sea Borne Trade To Total Foreign Trade (In Percentage)	
1	2	3	4	5	6	
1982-83	8803	79.0	14293	86.5	83.7	
1983-84	9771	74.4	15831	85.4	81.2	
1984-85	11744	77.3	17134	87.7	83.6	
1985-86	10895	71.7	19658	87.9	82.2	
1986-87	12569	65.8	20201	82.7	76.1	
1987-88	15674	62.1	22244	77.2	71.0	
1988-89	20232	59.7	28235	72.9	67.4	
1989-90	27681	59.5	35416	69.6	65.2	
1990-91	32553	67.3	43193	81.1	75.1	
1991-92	44042	66.6	47851	80.8	74.0	
1992-93	53688	64.9	63375	78.0	72.0	
1993-94	69751	66.1	73101	96.0	81.4	
1994-95	82673	64.3	89971	79.8	72.4	
1995-96	106353	63.7	122678	80.7	72.8	
1996-97	118817	67.4	138920	82.4	75.5	
1997-98	130101	64.4	154176	74.7	70.0	
1998-99	139752	62.2	178332	67.9	65.4	
1999-00	159095	58.4	215528	68.8	64.4	
2000-01	129940	64.5	156166	68.4	66.6	
2001-02	209018	64.6	245200	68.2	66.5	
2002-03	255137	65.1	297206	61.5	63.2	
2003-04	293367	64.8	359108	65.1	65.0	
2004-05	375340	66.2	501065	65.8	65.9	
2005-06	456418	69.1	660409	70.3	69.8	
2006-07	571779	64.2	840506	66.6	65.6	
2007-08	655864	66.0	1012312	67.1	66.6	
2008-09	840755	...	1374436	...	...
2009-10	845534	...	1363736	...	...

Source : DGCI & 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 (2009-10)		Annual Plan (2009-10)		Annual Plan (2010-11)	
	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	Out-lay	Expen-diture	Out-lay	Expen-diture	Out-lay	Expen-diture
1	2	3	4	5	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
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

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 (2010-2011)	
	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	23.50	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	246.33	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	221.22	161.10	20.98	10.00	6.02
WEB Based EDI Port Community System	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	88.50	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	15.00	15.00
Total	1066.95	360.97	1163.45	639.97	1364.25	1000.81	2109.27	884.68	3650.97	1143.10	2416.00	1227.78	1861.26	1392.3

(a) Includes Haldia and RR Schemes.

(b) Includes DCI, ALHW, R&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.

Port : All Ports						
Table 5.9		India's Overseas Trade during 2010-11				(In '000 Tonnes)
Type of Cargo		Indian Lines		Foreign Lines		Total
Break Bulk						
	Loaded	1142	7.08	14985	92.92	16127
	Unloaded	1131	3.12	35089	96.88	36220
	Total	2273	4.34	50074	95.66	52347
Container						
	Loaded	895	1.38	64066	98.62	64961
	Unloaded	961	1.46	65030	98.54	65991
	Total	1856	1.42	129096	98.58	130952
Dry Bulk						
	Loaded	15435	12.75	105582	87.25	121017
	Unloaded	6706	4.17	154042	95.83	160748
	Total	22141	7.86	259624	92.14	281765
POL/Product & Other Liquids						
	Loaded	2922	5.02	55320	94.98	58242
	Unloaded	29033	13.89	179950	86.11	208983
	Total	31955	11.96	235270	88.04	267225
Grand Total						
	Loaded	20394	7.83	239953	92.17	260347
	Unloaded	37831	8.02	434111	91.98	471942
	Total	58225	7.95	674064	92.05	732289

SECTION - III

APPENDICES

PORT ORGANISATION IN INDIA

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

2. There are 12 Major Ports viz. Kandla, Mumbai, J.L.Nehru, Mormugao, New Mangalore, Cochin, Tuticorin, Chennai, Ennore, Visakhapatnam, Paradip and Kolkata and 185 minor/intermediate ports situated along the coast line of about 6,000 Kms. and at sea islands. Four of the major Ports viz. Mumbai, Calcutta, Chennai and Mormugao are more than 100 years old. Cochin and Visakhapatnam Ports have celebrated their Golden Jubilee. The Ports of Kandla, Tuticorin, New Mangalore and Paradip were developed in the post independent period and are, thus, relatively new. J. L. Nehru Port at Nhava Sheva became operational in 1989. Ennore Port Ltd. which was dedicated to the Nation in February, 2001, is the first corporatised port registered under Companies Act, 1956.

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

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

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

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

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

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

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

9. Major Development in port sector

a) **Privatisation of port facilities** : The Government has laid down guidelines for private sector participation in the port sector. Following areas have been identified.

i) Leasing out assets of the port.

ii) Construction and operation of container terminals, multipurpose cargo berths and specialised cargo berths, warehousing, storage facilities, tank farms, container freight stations, setting up of captive power plants etc.

iii) Leasing of equipment for cargo handling and leasing of floating crafts from the private sector.

iv) Pilotage.

v) Captive facilities for port based industries.

b) Government have also issued guidelines on joint venture formation in Major Ports which have come into force with effect from 1.9.2000. In order to attract private sector investment, model bid documents have been finalised for private sector projects laying down transparent bidding procedure, qualifications and selection criteria, bid evaluation procedure, termination payment, dispute resolution process etc. and detailed terms and conditions of the License Agreement, inter-alia, aiming at bankability, uniformity and reduction in time taken to select private parties.

c) The powers of the port trust Boards have been increased to Rs. 50 crores in respect of additions/modifications/new investments and to Rs. 100 crores in case of replacement/renewal of assets.

d) **Maritime States Development Council (MSDC)** : With a view to have an integrated approach for the development of both Major and Minor Ports, a maritime States Development Council was constituted under the Chairmanship of the Honourable Minister of Shipping. The Ministers in-charge of Ports in all Maritime States, UT of Pondicherry and A&N Administration, Daman & Diu and Lakshadweep are its members.

e) **Tariff Authority for Major Ports (TAMP)** : The Major Port Trust Act, 1963 was amended by Port Laws (Amendment) Act, 1997 (15 of 1997) to provide for an independent Tariff Authority for Major Ports for fixing and revising the port tariff. An independent authority for the above purpose has been set up on 10.4.1997. The Major Port Trust Act, 1963 was further amended in the year 2000 for allowing major ports to form joint ventures with minor/foreign ports as well as companies

DEFINITIONS OF TERMS USED

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

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