

भारत के मूल पत्तन आंकड़े

BASIC PORT STATISTICS OF INDIA

2011-12



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

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सत्यमेव जयते

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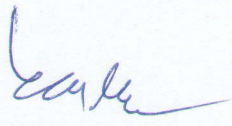
P R E F A C E

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

2. The present issue, Basic Port Statistics of India 2011-12 is divided into three Sections. **Section-I** gives performance of the Indian Port Sector in terms of cargo traffic & performance indicators in the backdrop of India's broad macro performance and global developments. **Section-II** contains key tables presented in Five Parts and; **Section-III** contains the Appendices, which include a brief on the organization of Major Ports and the definitions of terms used in the port sector.

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

March, 2013


(P.K. Sinha)

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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	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
1	2	3	4	5	6	7	8
1. No. of Ports (Number)							
Major Port	12	12	12	12	12	12	12
Non-Major Port	187	187	187	187	187	199	200
Total	199	199	199	199	199	211	212
2. Cargo Handled (Million Tonnes)							
Major Port	423.57	463.78	519.31	530.80	561.09	570.09	560.19
Non-Major Port	150.12	184.92	206.38	213.22	288.94	315.36	353.74
Total	573.69	648.7	725.69	744.02	850.03	885.45	913.93
3. Containers							
Major ('000 TEUs)	4613	5537	6705	6578	6969	7561	7651
('000 Tonnes)	62009	73469	92247	93440	101287	114158	120277
4. Passenger Traffic ('000 Nos.)							
Major Port	408	431	483	330	460	344	465
Non-Major Port	20268	15502	16108	17294	13523	13535	209744
Total	20676	15933	16591	17624	13983	13879	210209
5. Employment ('000 Nos.)							
Major Port	64	60	59	57	55	53	53
Non-Major Port	3	3	3	3	3	3	3
6. Financial Performance - Major Ports (Rs. Million)							
a) Total Revenue	59813	68709	71893	75211	79767	80084	92672
b) Total Expenditure	39369	44221	46677	57315	65173	70431	83299
7. Performance Indicators- Major Ports							
a) Total Cargo Vessels Sailed(Nos.)	19171	20168	21529	21366	22047	22022	21163
b) Av. Turn Round Time (Days)	3.63	3.65	3.98	4.20	4.63	5.29	4.56
c) Av. Pre-berthing Detention (Days)	1.11	1.20	1.55	1.63	2.16	2.32	2.05
On Port Account	0.36	0.39	0.46	0.39	0.49	0.5	0.45
On Non Port Account	0.75	0.81	1.09	1.24	1.67	1.82	1.60
d) Output per ship berth day (Tonnes)	9543	10326	9440	9669	9215	9140	10575
Container	11358	19570	13776	15223	16272	17583	16968
Break-Bulk	1904	1839	1488	1647	1724	1922	1989
Dry Bulk- Mechanical	20786	22431	20057	18104	17044	13114	17740
Conventional	6433	6042	6394	6518	5985	6773	7712
Liquid Bulk	17045	17575	17034	17430	16445	16073	16533

SECTION – I

MACRO ECONOMIC DEVELOPMENT AND PERFORMANCE OF INDIAN PORTS - HIGHLIGHTS

A . GLOBAL ENVIRONMENT & SEA-BORNE TRADE

1. International and Domestic Factors Related to Seaborne Trade

1.1 The global economy lost steam in 2011, with gross domestic product (GDP) growing by 2.7 per cent compared with 4.1 per cent in 2010. In addition to the sovereign debt crisis in Europe, the slow recovery in the United States of America, and other difficulties facing advanced economies, a number of factors have weighed down on global growth. These include, in particular, heightened global financial risks, political and social unrest in North Africa and Western Asia, natural disasters in Japan and Thailand which have disrupted regional and global supply chains, rising oil prices and volatility, austerity measures, the fading of the stimulus effect of 2010, and geopolitical tensions in the Strait of Hormuz. Many of these factors will remain relevant in 2012-13, and, depending on how they evolve, they could impact dramatically on the global economic outlook.

1.2 The slowdown in demand and the overall weak growth in advanced economies translated into weaker imports in developed regions. In 2011, imports grew at a modest 4.4 per cent, a sharp fall from the 11.4 per cent recorded in 2010. While growth in developed economies weakened in 2011, developing countries continued to drive world economic expansion and to account increasingly for a larger share of world GDP. This share is estimated by UNCTAD to have increased from 21.6 per cent in 1980 to 32.6 per cent of world GDP (at constant prices 2005) in 2010.

1.3 In 2012, WTO projects a further deceleration in trade growth with global merchandise trade volumes expected to grow by just 2.5 per cent, a rate well below the 6 per cent average recorded over the period 1990-2008. Apart from current global economic uncertainties, the outlook for merchandise trade is also clouded by the risk of a lack of trade finance. A report of International Chamber of Commerce and IMF revealed a pessimistic outlook for trade finance in 2012. A surge in protectionist measures is another driver of uncertainty in view of the current difficult economic climate and the lack of progress on the adoption of a multilateral trading system under the WTO Doha Round negotiations. Relevant protectionist measures included trade remedy actions, tariff increases, import licenses and custom controls.

1.4 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	2007-08	2008-09	2009-10	2010-11	2011-12
Trends in India's Select : Macro Parameters (in per cent)					
I. Total Cargo	11.9	2.5	14.3	4.2	3.2
(a) Major Ports	12.0	2.2	5.7	1.6	-1.7
(b) Non Major Ports	11.6	3.3	35.7	9.1	12.2
II. GDP overall	9.3	6.7	8.4	9.5	6.2
(a) Agriculture	5.8	0.1	1.0	7.7	3.6
(b) Industry	9.7	4.4	8.4	9.9	3.5
(c) Services	10.3	10.0	10.5	9.8	8.2
III. Foreign Trade					
(a) Export in \$ value	29.0	13.6	-3.5	40.5	21.3
(b) Import in \$ value	35.5	20.7	-5.0	28.2	32.3
Trends in Global Select : Macro Parameters (in per cent)					
IV. World Output	5.4	2.8	-0.6	5.1	3.8
(a) Advanced Economies	2.8	0.1	-3.5	3.0	1.6
(b) Developing Economies	8.7	6.1	2.7	7.4	6.2
V. World Trade Volume #	7.2	2.5	-11.5	14.1	6.3
VI. Export Volume (Goods)					
(a) Advanced Economies	5.8	2.2	-11.3	12.0	5.3
(b) Developing Economies	9.5	3.9	-7.6	13.7	6.5
VII. Import Volume (Goods)					
(a) Advanced Economies	4.7	1.0	-11.9	11.4	4.4
(b) Developing Economies	14.3	8.6	-8.3	14.9	8.8
VIII. World Seaborne Trade*	3.8	2.1	-5.0	7.4	3.9
(a) Goods Loaded	4.3	2.4	-4.5	7.0	4.0
(b) Goods Unloaded	3.3	1.8	-5.5	7.8	3.9
I. Based on data from Major Ports and Non Major Ports II. Based on gross domestic product (GDP) at Factor Cost (2004-05 Prices), Central Statistical Organization; III. Based on Department of Commerce, DGCI&S and RBI Bulletin IV, V, VI & VII Based on World Economic Outlook, October, 2012, IMF; VIII. Based on Review of Maritime Transport, 2012, UNCTAD Note : MT: Million Tonnes; For item Nos IV, V, VI & VII year 2007-08 refers to calendar year 2007 and so on;					

Trends and Developments in World Seaborne Trade

1.5 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 (2012) shows that world seaborne

trade held steady in 2011 and grew by 4 per cent, with total volumes reaching a record 8.7 billion tonnes.

Year	Oil and gas	Main Bulk#	Other Dry Cargo	Total
2000	2163	1295	2526	5984
2006	2698	1814	3188	7700
2007	2747	1953	3334	8034
2008	2742	2065	3422	8229
2009	2642	2085	3131	7858
2010	2772	2335	3302	8409
2011	2796	2477	3475	8748

iron ore, grain, coal, bauxite/alumina and phosphate . The data for 2006 onwards are based on various issues of the Dry Bulk Trade Outlook, produced by Clarkson Research services.
Source: Review of Maritime Transport,2012,UNCTAD

General Trends in Seaborne trade

1.6 The expansion in world seaborne trade was driven by rapid growth in dry cargo volumes propelled by upbeat container and major bulk trades, which grew by 8.6 per cent (expressed in tonnes) and 5.4 per cent, respectively. In 2011, container trade flows were sustained by non marilane trade as United States and Europe continued to struggle with sluggish growth and uncertainty, while dry bulk volumes held strong with continued import demand for raw materials in large developing economies, notably China & India.

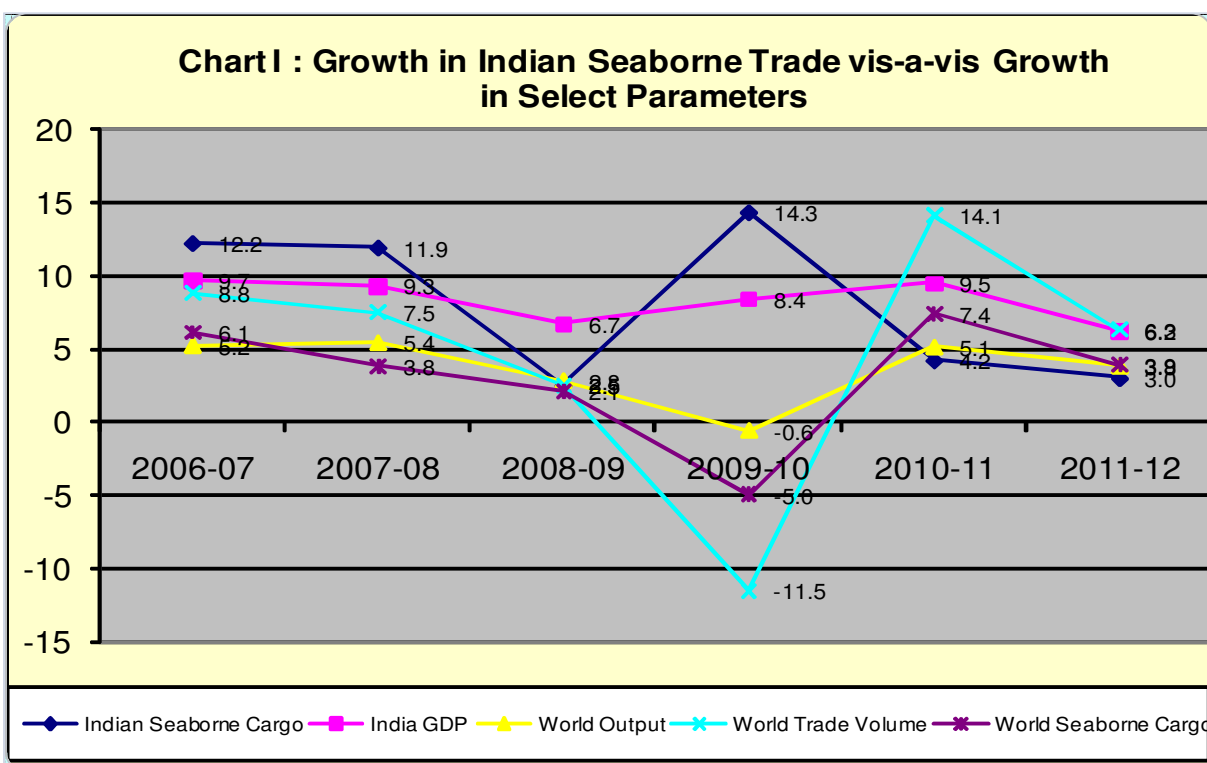
1.7 Developing countries which contributed increasingly larger shares and growth to the world GDP and merchandise trade, their contribution to world seaborne trade has also been increasing. In 2011, a total of 60 per cent of the volume of world seaborne trade originated in developing countries and 57 per cent of this trade was delivered on their territories. The contribution of various regions to world seaborne trade volume underscores the dominance of developing countries both as exporters and importers, a shift from earlier patterns when they served mainly as loading areas of high volume goods. The share of imports outweighs exports totaling 41% and 34% respectively. Asia maintained its lead position and continued to fuel world seaborne trade with its share of goods loaded amounting to 39%, while that of goods unloaded reaching 56%. Clarkson Research Services are forecasting a 4.3 per cent annual growth rate in the volume of world seaborne trade in 2012.

1.8 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.

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 I**.



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

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 2011-12, the total overseas cargo handled at Indian ports was placed at 754.87 million tonnes. The share of Indian Flag vessels in carrying this total cargo is summarized in **Table 2A**.

Table 2A : India's Overseas Cargo Carried by Indian Flag Vessels during 2010-11 & 2011-12				
(In Million Tonnes)				
Type of Cargo	2010-11		2011-12	
	Total Overseas Cargo	Share of Indian Lines	Total Overseas Cargo	Share of Indian Lines
Break Bulk	52.34	2.27(4.34)	63.68	6.75(10.60)
Container	130.95	1.86(1.42)	140.64	2.89(2.05)
Dry Bulk Cargo	281.77	22.14(7.86)	272.58	24.41(8.95)
Liquid Bulk Cargo	267.23	31.96(11.96)	277.97	48.04(17.28)
Total	732.29	58.23(7.95)	754.87	82.09(10.87)
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 Flag Vessels carried 10.87% of the country's overseas cargo during 2011-12. This was significant improvement from 7.95% in 2010-11.

B. AN OVERVIEW OF PERFORMANCE OF INDIAN PORTS

3. PORT INFRASTRUCTURE

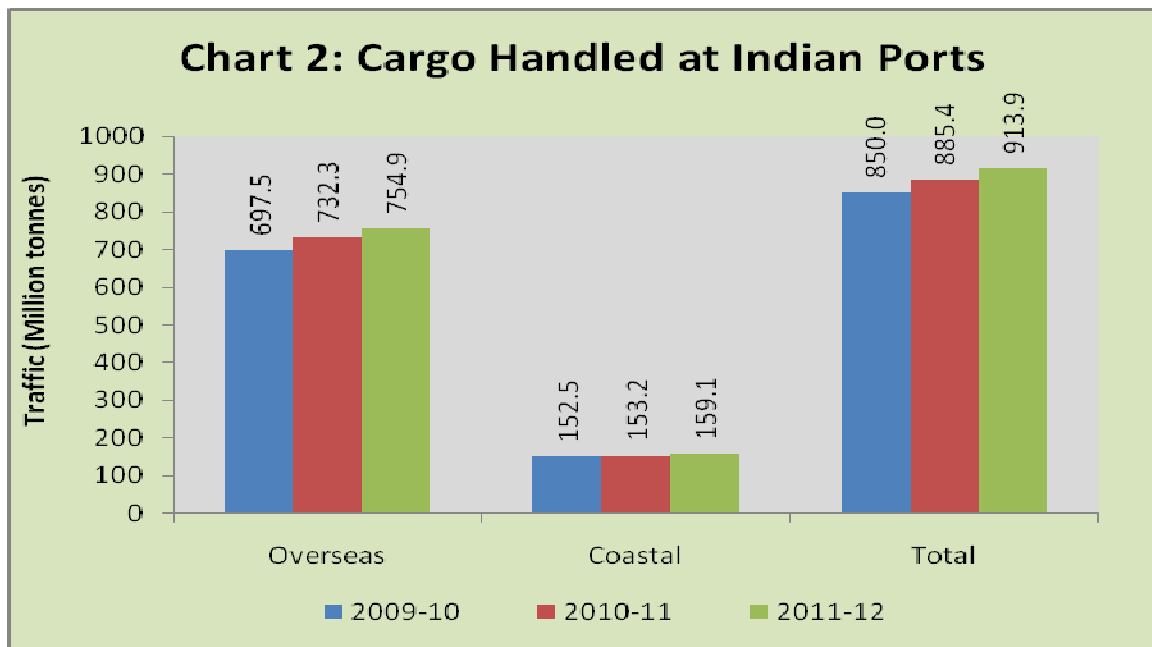
3.1 Ports are economic and service provision units of a remarkable importance since they act as a place for the interchange of two transport modes, maritime and land, whether by rail or road. Therefore, the essential aspect of ports lies in their intermodal nature. India has a coast-line of around 7517 Kms with 12 major ports and 200 notified non-major ports along the coast-line and sea-islands.

4. TOTAL TRAFFIC

4.1 The total cargo handled at Indian Ports (major and non-major) increased to 913.83 million tonnes in 2011-12 from 885.45 million tonnes in 2010-11 reflecting modest increase of 3.2% during 2011-12. India's major ports handled more than 61% 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 2007-08 to 2011-12 is given in the Table: 3

Port	2007-08			2008-09			2009-10			2010-11			2011-12		
	OT	CT	TT	OT	CT	TT	OT	CT	TT	OT	CT	TT	OT	CT	TT
Major	13.6	5.70	12.0	2.0	2.9	2.2	6.21	3.6	5.7	2.46	-2.01	1.60	-2.28	0.58	-1.75
Non Major	26.6	-35.1	11.6	3.5	2.1	3.3	32.7	53.1	35.5	9.70	6.19	9.14	12.51	10.26	12.17
All Ports	17.2	-7.4	11.9	2.5	2.8	2.5	14.2	14.6	14.3	4.98	0.43	4.17	3.12	3.63	3.21

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



4.2 Post liberalization period (2000-01 to 2011-12) saw compound annual growth rate (CAGR) of 8.61% in total cargo throughput at Indian ports. During this period, the annual growth of 27.72% in Cargo handled at non-major ports was 3 times the growth in cargo traffic at major ports of 9.02%. However, the growth in cargo handled by major and non-major port during 2011-2012 was (-) 1.7% and 12.2% respectively.

5. SHARE OF MARITIME STATES IN TOTAL SEABORNE CARGO TRAFFIC

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

Name of the State	Major Ports	Non-Major Ports	Total
1. Gujarat	82.50	259.05	341.55
2. Maharashtra	121.92	19.95	141.86
3. Goa	39.05	14.47	53.52
4. Karnataka	32.94	0.59	33.53
5. Kerala	20.09	0.10	20.19
6. Tamil Nadu	98.77	1.21	99.98
7. Andhra Pradesh	67.42	45.63	113.05
8. Orissa	54.25	5.08	59.34
9. West Bengal	43.25	-	43.25
10. Others(a)	0.00	7.66	7.66
TOTAL	560.19	353.74	913.93

5.2 Amongst the States, Gujarat has emerged as the premier maritime State in terms of port traffic and accounted for more than 37% of the total cargo handled at Indian ports. It is also noteworthy that more than 65% 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 15.5%, 12.4% and 10.9% respectively in India's total seaborne traffic.

Composition of Cargo throughput at all Ports

5.3 Commodity-wise traffic handled, in respect of principal commodities, by all the ports (major & non-major) in India during the last few years are presented in **Table 5**.

Table 5 : Commodity-wise Traffic Handled by All Ports (Million Tonnes)							
Year	Commodity-wise Traffic						
	POL & products	Iron Ore	Cement & clinker	Coal	Fertiliser & FRM	Others	Total
2003-04	182.26 (10.17)	76.19 (19.87)	13.89 (14.04)	64.75 (10.97)	15.09 (-6.33)	111.48 (10.99)	463.66 (9.91)
2004-05	194.21 (6.56)	97.60 (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)
2011-12	330.16 (1.51)	91.34 (-30.62)	14.37 (9.86)	157.82 (18.12)	36.14 (-7.26)	284.10 (16.97)	913.93 (3.22)
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 36.1% of the total seaborne traffic followed by Coal (17.3%), Iron Ore (10.0%) and Fertiliser & Fertiliser Raw Material (3.9%) in 2011-12. General cargo comprising of container cargo and break bulk constituted 23.6% of the cargo.

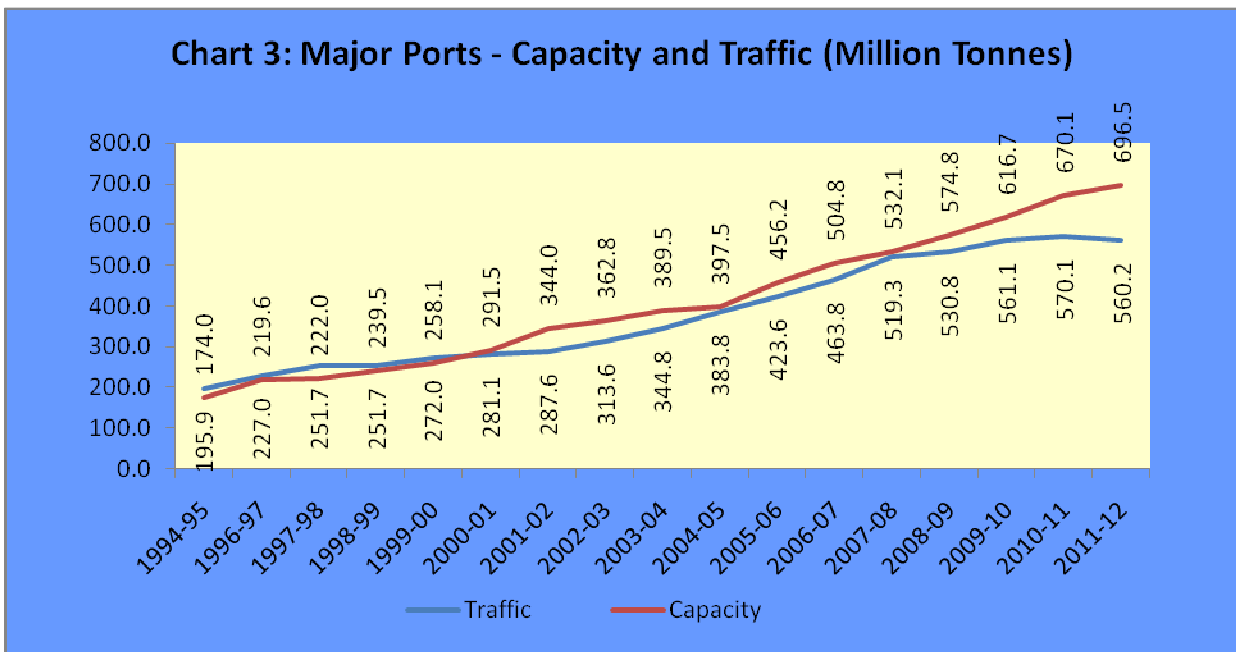
C . PERFORMANCE OF MAJOR PORTS

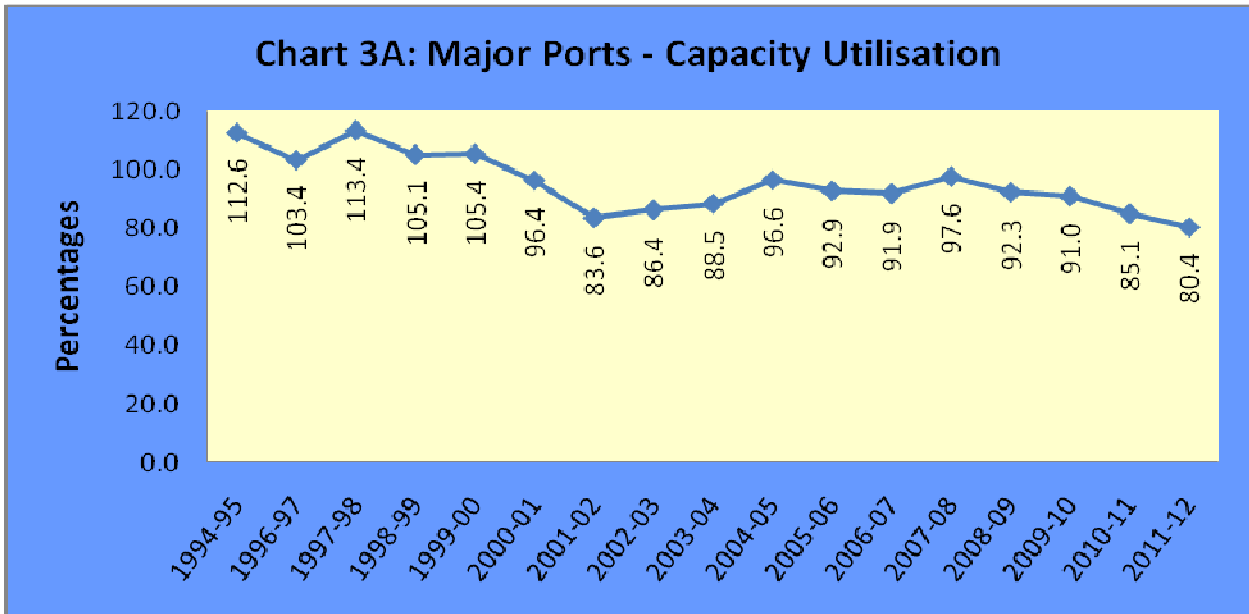
6. CARGO TRAFFIC HANDLED

6.1 The twelve major ports in India handled more than 61% of the maritime cargo traffic of the country in 2011-12. 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 1994-95 to 560.09 million tonnes in 2011-12 (**Chart 3**).

6.2 Cargo handling capacity at major ports has also risen with traffic. The capacity which was placed at 174.0 million tonnes at the end of 1994-95 has increased to a level of 696.5 million tonnes at the end of 2011-12.

6.3 The capacity addition and the productivity improvements achieved by the major ports coupled with growing participation of Private Sector in cargo handling have had a favourable impact on efficiency of cargo handling operations at India's major ports. The capacity utilization which was 112.6 % in 1994-95, remained above 100% thereafter till 1999-2000. The capacity utilization at Major ports from 1994-95 till 1999-2000 and subsequent years till 2011-12 is present in **Chart-3A**.





6.4 The overseas and coastal cargo handled during 2011-12 by major ports was of the order of 454.18 million tonnes and 106.01 million tonnes respectively. The Overseas Cargo traffic declined by 2.4% in 2011-12. The Coastal cargo traffic growth was 1.0% in 2011-12 over 2010-11.

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 2011-12 is given in Table 6. Amongst the major ports, Kandla Port accounted for the highest share of 14.7% in the total cargo traffic at all major ports during 2011-12 followed by Vishakhapatnam, J. L. Nehru, Mumbai Port, Chennai and Paradip. The cargo traffic at Mormugao Port was overwhelmingly outward oriented with overseas cargo accounting for a share of 97.1 % in the total cargo handled at the port.

Table 6 : Major Port wise-share of cargo handled						
(Million Tonnes)						
Port	2010-11			2011-12		
	Overseas	Coastal	Total	Overseas	Coastal	Total
Kolkata Dock System	11.51 -(2.47)	1.03 -(0.98)	12.54 -(2.20)	11.33 (2.49)	0.9 (0.85)	12.23 (2.18)
Haldia Dock Complex	27.88 -(5.99)	7.12 -(6.80)	35 -(6.14)	24.51 (5.40)	6.51 (6.14)	31.01 (5.54)
Paradip	44.65 -(9.60)	11.39 -(10.86)	56.04 -(9.83)	41.29 (9.09)	12.96 (12.23)	54.25 (9.68)
Visakhapatnam	44.99 -(9.67)	23.05 -(21.97)	68.04 -(11.94)	44.75 (9.85)	22.67 (21.39)	67.42 (12.04)
Chennai	56.47 -(12.14)	5 -(4.77)	61.47 -(10.78)	51.15 (11.26)	4.56 (4.30)	55.71 (9.94)
Ennore	3.1 -(0.67)	7.91 -(7.54)	11.01 -(1.93)	6.7 (1.48)	8.26 (7.79)	14.96 (2.67)
Tuticorin	19.29 -(4.15)	6.44 -(6.14)	25.73 -(4.51)	21.35 (4.70)	6.75 (6.37)	28.1 (5.02)
Cochin	13.15 -(2.83)	4.72 -(4.50)	17.87 -(3.13)	13.33 (2.93)	6.79 (6.41)	20.09 (3.59)
New Mangalore	24.82 -(5.34)	6.73 -(6.41)	31.55 -(5.53)	27.03 (5.95)	5.91 (5.58)	32.94 (5.88)
Mormugao	48.84 -(10.50)	1.22 -(1.16)	50.06 -(8.78)	37.91 (8.35)	1.13 (1.07)	39.05 (6.97)
J. L. Nehru	58.6 -(12.60)	5.71 -(5.44)	64.31 -(11.28)	60.56 (13.33)	5.17 (4.88)	65.73 (11.73)
Mumbai	39.33 -(8.46)	15.26 -(14.54)	54.59 -(9.58)	41.93 (9.23)	14.26 (13.45)	56.19 (10.03)
Kandla	72.54 (15.60)	9.34 -(8.90)	81.88 -(14.36)	72.36 (15.93)	10.14 (9.57)	82.5 (14.73)
Total	465.17 (100.00)	104.92 (100.00)	570.09 (100.00)	454.18 (100.00)	106.01 (100.00)	560.19 (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 Ennore Port recorded the highest year on year growth of 35.9 % during 2011-12 followed by Cochin (12.4%) Tuticorin (9.2%), New Mangalore (4.4%) Mumbai (2.9%), J.L. Nehru (2.2%), Kandla (0.8%). Other major ports recorded negative growth during 2011-12.

8. COMMODITY-WISE TRAFFIC

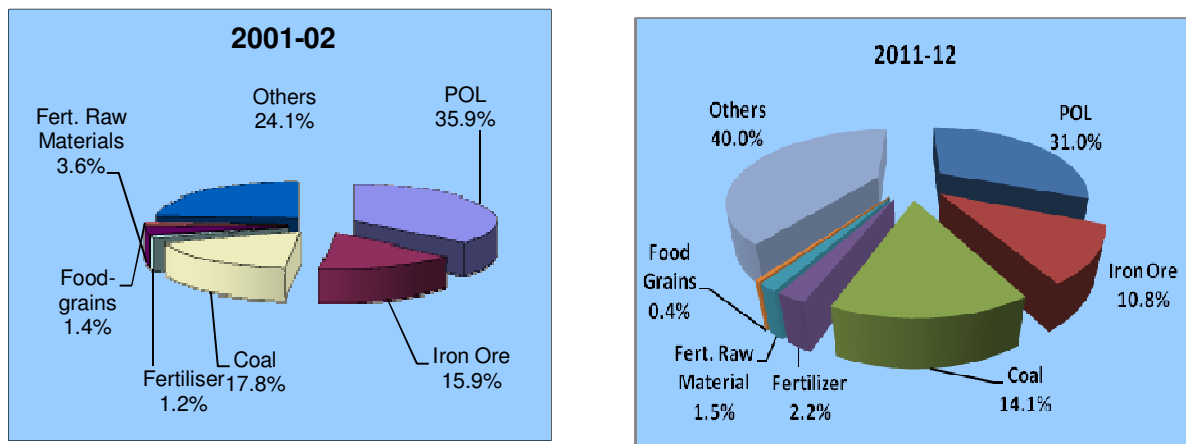
8.1 Commodity-wise break-up of traffic handled at the major ports in India during 2003-04 through 2011-12 is given in **Table 7**.

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)
2011-12	173.84 (-3.36)	12.22 (-1.21)	8.18 (-2.97)	60.72 (-30.76)	78.78 (4.83)	2.38 (23.96)	224.07 (9.49)	560.19 (-1.74)
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 2011-12, among the principal commodities, is seen in the case of foodgrains (24.0%) followed by Other Cargo (9.5%), and Coal (4.8%). Traffic growth for Iron Ore, POL, Fertilizer and Fertilizer Raw Material was negative in 2011-12.

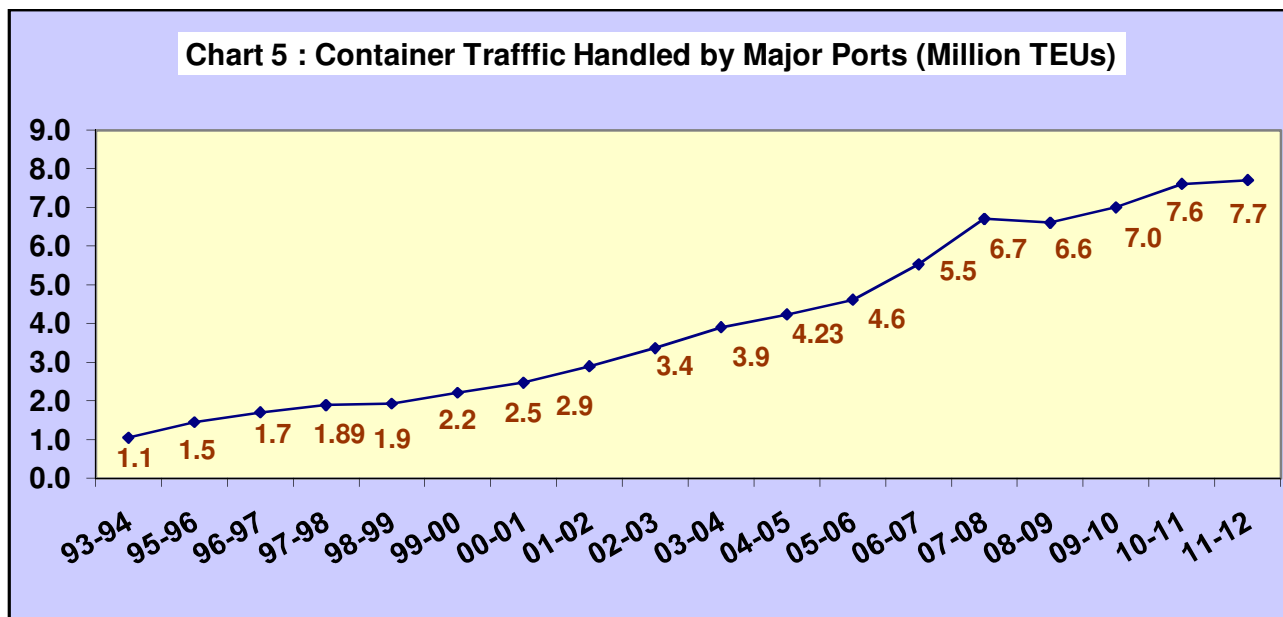
8.3 In respect of the traffic at Major ports, it is also observed that around 96% of the traffic handled during 2011-12 was accounted by four commodities viz. Other cargo including Containers (40.0%), POL & Products (31.0%), Iron Ore (10.8%) and Coal (14.1%) .

Chart 4: Commodity Composition of Traffic Handled – Major Ports



9. CONTAINER TRAFFIC

9.1 Containerization started in India in 1973 in a limited way with the creation of interim container handling facilities at Mumbai and Cochin Ports. Since then, container traffic has steadily increased over the years, in tune with the increasing use of containers in international trade. Container traffic has experienced about seven fold increase from 1.05 million Twenty Feet Equivalent Units (TEUs) (13.08 million tonnes) in 1993-94 to 7.7 million TEUs (120.28 million tonnes) in 2011-12. Over the same period non-containerized cargo grew from 166 million tonnes to 439.91 million tonnes i.e. about three fold increase.

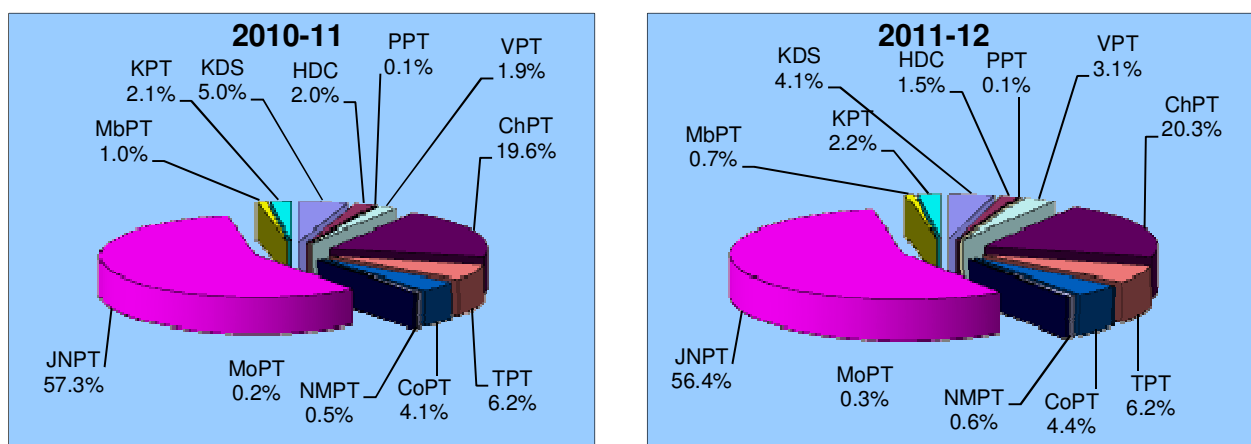


9.2 The growth in container traffic at the container handling ports of the country is given in **Table 8**.

Name of the Port	2010-11		2011-12	
	000' Tonnes	TEUs	000' Tonnes	TEUs
Kolkata Dock System	6220	377	6818	317
Haldia Dock Complex	2835	149	2619	115
Paradip	69	4	109	8
Visakhapatnam	2572	146	4213	234
Chennai	29421	1485	30076	1555
Tuticorin	8169	468	9227	477
Cochin	4419	310	4715	337
New Mangalore	568	40	645	45
Mormugao	220	18	279	22
J. L. Nehru	56426	4332	58233	4317
Mumbai	653	72	551	56
Kandla	2586	160	2792	168
ALL PORTS	114158	7561	120277	7651

9.3 The share of JNPT during 2011-12 in total container traffic at 56.4% in (TEUs) and 48.4% (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 (20.3%), Tuticorin (6.2%), Kolkata D.S(4.1%) and Vishakhapatnam (3.1%). 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 56.4 % during the same period (Chart 6).

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



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

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

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

PERFORMANCE INDICATORS

Capacity Utilisation

10.1 Over the years, cargo handling capacity of major ports has steadily increased to cater to the growing volume of internal and external trade. The capacity of the ports which was 172.59 million tonnes at the end of 1993-94

increased to a level of 696.53 million tonnes at the end of 2011-12. The port-wise capacity and traffic for 2011-12 is brought out in Table 9.

Table 9 : Major Port-wise Capacity Utilization During 2011-12 (Million Tonnes)			
Name of the Port	Capacity	Traffic	Capacity Utilisation(%)
Kolkata Dock System	17.14	12.23	71.35
Haldia Dock Complex	50.75	31.01	61.10
Paradip	80.30	54.25	67.56
Visakhapatnam	66.33	67.42	101.64
Ennore	31.00	55.71	179.71
Chennai	83.19	14.96	17.98
Tuticorin	33.34	28.10	84.28
Cochin	41.86	20.09	47.99
New Mangalore	50.97	32.94	64.63
Mormugao	41.90	39.05	93.20
J. L. Nehru	64.00	65.73	102.70
Mumbai	44.53	56.19	126.18
Kandla	91.22	82.50	90.44
ALL PORTS	696.53	560.19	80.43

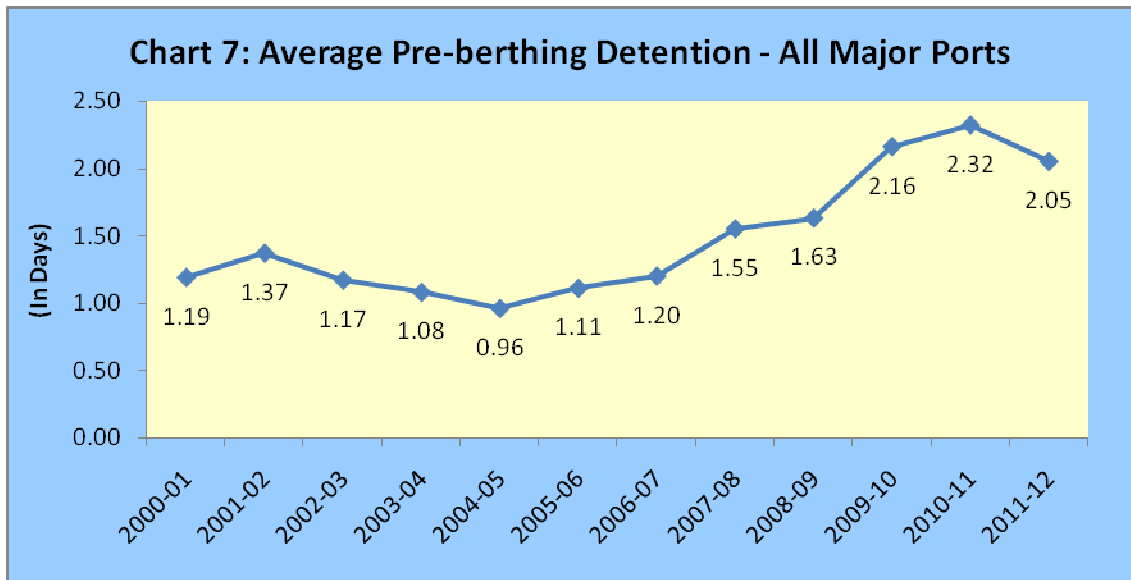
EFFICIENCY INDICATORS OF MAJOR PORT OPERATIONS

Average Pre-berthing Detention

10.2 The position in respect of average pre-berthing detention at all major ports during 1994-95 to 2011-12 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. The average PBD of vessels declined to 2.05 days in 2011-12. During 2011-12, ports at Kolkata D.S, Haldia D.C, Chennai, Mormugao, Paradip and J L Nehru experienced drop in pre-berthing detention of vessels.

Table 10 : Average Pre-berthing Detention at Major Ports during 2010-11 & 2011-12			
Name of the Port	Average Pre-Berthing Detention (in Days)		
	2010-2011	2011-2012	% change
Kolkata Dock System	1.23	0.77	-37.40
Haldia Dock Complex	3.73	2.54	-31.90
Paradip	5.04	3.69	-26.79
Visakhapatnam	2.81	2.84	1.07
Ennore	0.65	0.76	16.92
Chennai	1.61	1.16	-27.95
Tuticorin	1.29	1.91	48.06
Cochin	1.03	1.05	1.94
New Mangalore	0.59	0.79	33.90
Mormugao	4.07	2.94	-27.76
J. L. Nehru	1.51	1.13	-25.17
Mumbai	1.23	1.37	11.38
Kandla	3.32	3.74	12.65
All Ports (Average)	2.32	2.05	-11.64

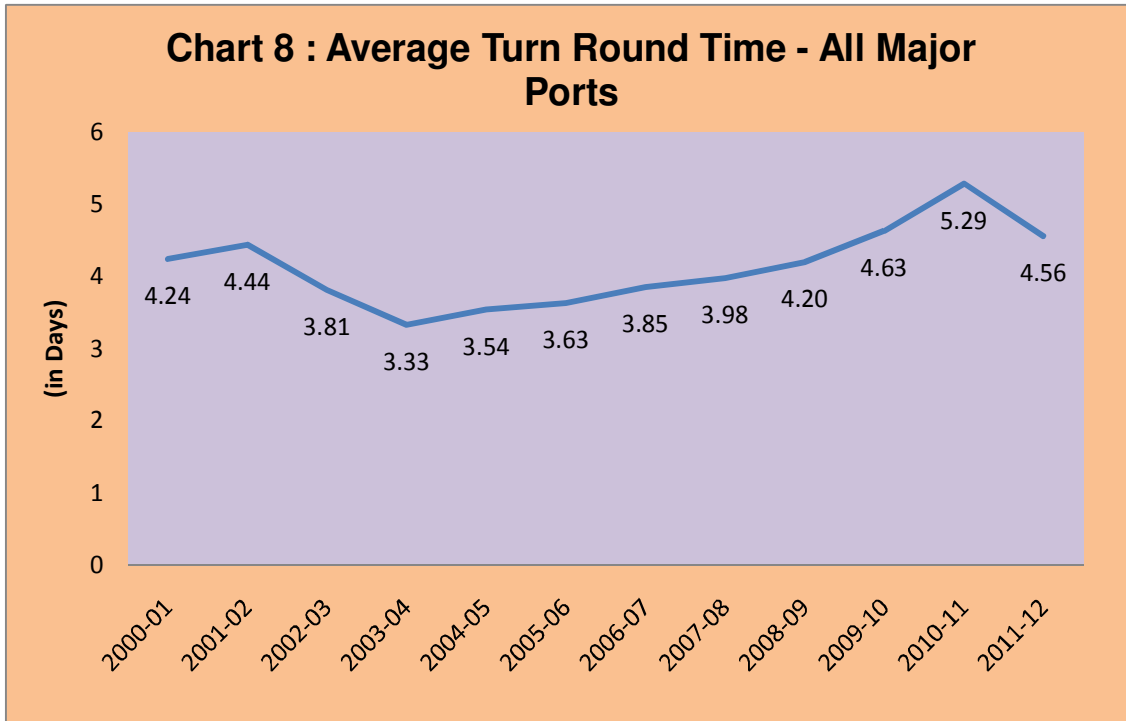
10.3 Average PBD depends on variety of factors attributable to port account and non-port account. The decrease in PBD in 2011-12 to 2.05 days as compared to 2.32 days in 2010-11 was due to a combination of port and non port factors. The PBD on non- port account decreased from 1.82 day in 2010-11 to 1.60 days in 2011-12 where as on port account it decreased by 0.05 day.



10.4 Data on PBD for the different type of vessels indicate that in 2011-12, the average PBD was the least (0.77 day) in the case of container vessels followed by liquid bulk vessels (1.74 days), Break bulk (2.66 days), Dry bulk (mechanical) (3.52 days) and Dry bulk (conventional) (4.12 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 5.29 days in 2010-11. During 2011-12, the average Turn Round Time dropped to 4.56 days.(Chart 8).



10.6 The average TRT except in respect of the Ports at Tuticorin, New Mangalore, Kandla and Mumbai had shown improvement in 2011-12. (Table 11).

Name of the Port	Average Turn Round Time (in Days)		
	2010-11	2011-12	% change
Kolkata Dock System	6.21	5.45	-12.24
Haldia Dock Complex	4.45	3.62	-18.65
Paradip	7.73	6.33	-18.11
Visakhapatnam	5.84	5.68	-2.74
Ennore	2.78	2.17	-21.94
Chennai	4.36	3.91	-10.32
Tuticorin	4.00	4.94	23.50
Cochin	2.20	1.82	-17.27
New Mangalore	2.70	2.95	9.26
Mormugao	10.43	7.68	-26.37
J. L. Nehru	2.64	1.94	-26.52
Mumbai	4.96	5.22	5.24
Kandla	5.90	6.42	8.81
ALL PORTS (Average)	5.29	4.56	-13.80

10.7 At Port level, ports at Kolkata Dock System, Paradip, Visakhapatnam, Tuticorin, Mormugao, Mumbai and Kandla recorded average TRT more than the average for all major ports at 4.56 days. The minimum was at Cochin (1.82 days) to a maximum (7.68 days) at Mormugao.

10.8 Data on TRT for different types of vessels (Table:12) indicate that in 2011-12, the average TRT was least in case of Container vessels (2.17 days) followed by Liquid bulk (3.23 days), Dry bulk (Mech.) (5.71 days), Break bulk (6.93 days) and Dry bulk (Conv.) (7.68 days). During 2011-12, average Parcel Size has increased for Dry Bulk (Mech & Conventional), Liquid Bulk and Container vessels whereas the average TRT has decreased 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**.

Table 12 : Average Parcel Size and Turn Round Time				
Type of Vessel	2010-2011		2011-2012	
	Average Parcel Size (Tonnes)	Average TRT (Days)	Average Parcel Size (Tonnes)	Average TRT (Days)
Dry Bulk (Mech.)	49297	7.18	52015	5.71
Dry Bulk (Conv.)	30826	8.96	31097	7.68
Liquid Bulk	26092	3.83	27085	3.23
Break Bulk	7613	7.72	7516	6.93
Container	20281	2.41	22187	2.17
All Types	24889	5.29	25654	4.56

Average Output per Ship Berth day

10.10 The average output per ship berth day has become almost three times , from 3942 tonnes in 1991-92 to 10575 tonnes in 2011-12. The average output per ship berthday for 2010-11 and 2011-12 in respect of major ports is given in Table 13.

Table 13 : Average Output Per Ship berth day of Major Ports during 2010-11& 2011-12			
Name of the Port	Average Output Per Ship berthday (in Tonnes)		
	2010-11	2011-12	% change
Kolkata Dock System	2253	2503	11.10
Haldia Dock Complex	6563	6728	2.51
Paradip	14243	15995	12.30
Visakhapatnam	10334	10704	3.58
Ennore	17699	27505	55.40
Chennai	10984	10352	-5.75
Tuticorin	7035	6733	-4.29
Cochin	11752	15784	34.31
New Mangalore	14211	13957	-1.79
Mormugao	4409	10530	138.83
J. L. Nehru	20393	19227	-5.72
Mumbai	6042	6476	7.18
Kandla	14137	14272	0.95
ALL PORTS (Average)	9140	10575	15.70

10.11 As compared to 2010-11, the increase in the average output per ship berthday (all major ports) in 2011-12 was of the order of 15.70%. Port at Kolkata(KDS & HDC), Paradip, Ennore, Cochin, Mormugao, Mumbai and Kandla have shown improvement in Output per ship berthday over 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 2011-12 was in the case of Ennore Port followed by JL Nehru. 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 2011-12 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)		
	2010-11	2011-12	%change
Dry Bulk (Mech.)	13114	17740	35.27
Dry Bulk (Conv.)	6773	7712	13.86
Liquid Bulk	16073	16533	2.86
Break Bulk	1922	1889	-1.72
Container	17583	16968	-3.50
All Types	9140	10575	15.70

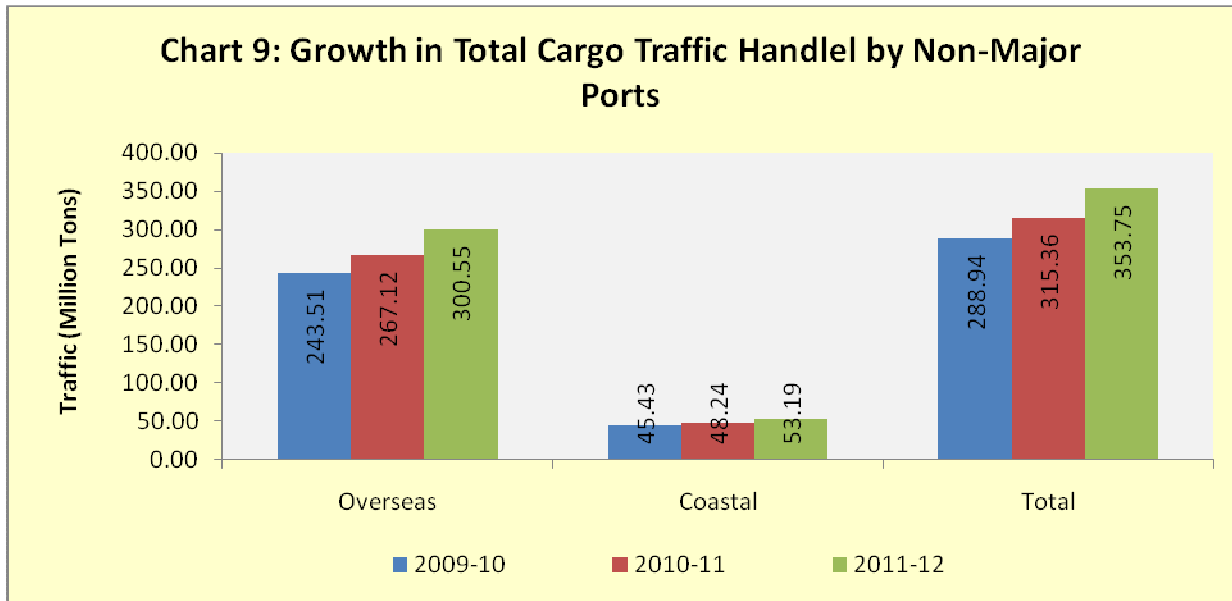
D.PERFORMANCE OF NON-MAJOR PORTS

11. CARGO TRAFFIC HANDLED

11.1 There are 200 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 (11), Kerala (17), Lakshdweep (10), Tamilnadu (15), Puducherry (2), Andhra Pradesh (12), Orissa (13), West Bengal (1) and Andaman & Nicobar Island (23). Out of these 200 Non-major ports, only some ports are well developed and provide all-weather berthing facilities for cargo handling. In 2011-12, only 61 Non-major 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 353.74 million tonnes of traffic during the year 2011-12 as compared to 315.36 million tonnes of cargo handled in 2010-11 **(Chart-9)**. The year-on-year growth in traffic in 2011-12 was 12.17% as compared to 9.14% in 2010-11. At a disaggregated level, the overseas cargo traffic increased by 12.51 % in 2011-12 compared to an increase of 9.69% recorded in 2010-11. Coastal cargo traffic increased by 10.26% in 2011-12 compared to an increase of 6.19 % in 2010-11.



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)
2011-12	156.32 (44.19)	30.62 (8.66)	12.87 (3.64)	79.04 (22.34)	15.74 (4.45)	59.16 (16.72)	353.74 (100)

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

11.5 POL & its products (44.2%) was the single largest commodity handled at non major ports in 2011-12 and its share has ranged between 44 to 48% (in 2005-06 to 2011-12). It is observed that during the previous three years, the relative shares of commodities in the cargo basket have not shown any pronounced shift. However, during 2011-12 the share of Coal in the total traffic was 22.34% followed by Iron ore (8.66%) and Fertiliser & FRM (4.45%).

Maritime States – Non-Major Ports

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

Year	Traffic Handled (Million Tonnes)							
	Gujarat	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)
2011-12	259.05 (12.19)	19.95 (34.07)	45.63 (5.45)	14.47 (-0.75)	1.21 (-24.84)	0.59 (-80.97)	12.85 (83.31)	353.74 (12.17)

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

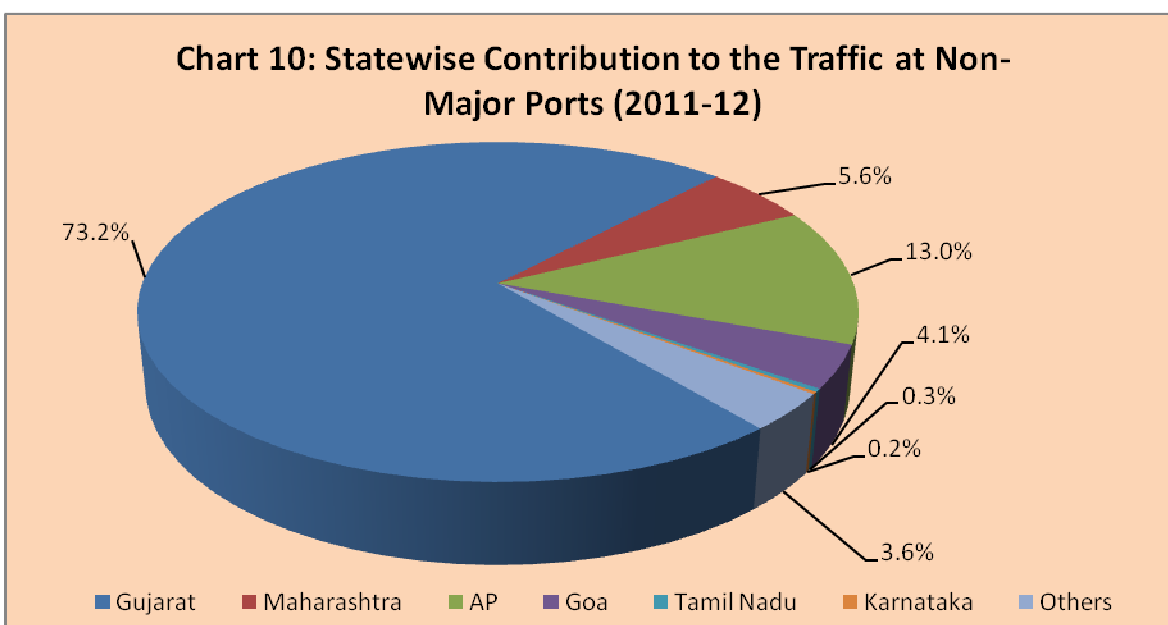
The overall increase of 12.17% in cargo handled at non-major ports during 2011-12 was mainly driven by traffic growth in Gujarat and Maharashtra. Though the Cargo handled at the non major ports in Karnataka and Tamil Nadu have witnessed negative growth of 80.97% and 24.84% respectively, the impact on the total traffic handled by Non-Major Ports is not significant due to the share of these States in the total traffic handled during the year being negligible. The share of traffic handled by non-major ports in the maritime states is given in **Table 17.**

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
2011-12	73.2	5.6	13.0	4.1	0.3	0.2	3.6	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 2011-12. The other contributing States to the cargo traffic at non-major ports during 2011-12 were: Andhra Pradesh (13.0%), Maharashtra (5.6%) and Goa (4.1%). The remaining 4.1% 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 1215 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 24 non-major ports are used for fishing activities and have traffic only of small volume.

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

12.1.3 The total cargo traffic handled at the non-major ports of Gujarat during 2011-12 was of the order of 259.05 million tonnes as against 230.91 million tonnes in 2010-11, reflecting an increase of 12.19%. Non-major ports of Gujarat account for more than 73% of the total cargo handled by non-major ports in India. Overseas traffic in 2011-12 was 221.31 million tonnes with the remaining 37.74 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	Magd alla	Jafar a-bad	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
2011-12	118.04	20.38	4.12	2.72	3.82	64.79	17.62	9.27	18.29	259.05

12.1.4 Sikka Port handled the highest cargo tonnage of 118.04 million tonnes in 2011-12 up from 115.41 million tonnes handled in 2010-11. This port accounted for about 46% of the total cargo handled by the non-major ports in Gujarat in 2011-12, and has witnessed increase in the cargo traffic ever since the commissioning of Reliance Jamnagar maritime terminal facility. More than 99% of the traffic handled at the port relates to POL & its products.

12.1.5 Gujarat Adani Port Ltd. (GAPL) handled 64.79 million tonnes or 25% of the total cargo in 2011-12. Main commodities handled by GAPL port are POL & its products and Coal.

12.1.6 Magdalla accounted for 20.38 million tonnes or 8.0% of the cargo traffic in 2011-12. Major commodities handled by the port are Iron Ore, POL & its product, and Building Material.

12.1.7 Dahej Port handled 17.62 million tonnes of cargo in 2011-12 with a share of 6.8% in total traffic. The other important ports which showed increase in the cargo handled during 2011-12 were Pipavav and Bedi. Jafrabadhad and Mul Dwarka have shown decrease in cargo traffic in 2011-12.

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
2011-12	151.49	38.37	9.02	7.19	6.92	46.06	259.05

POL & products accounted for 58.5% of the total cargo handled in 2011-12. This is followed by Coal (14.8%), Building Material (3.5%), and Fert & FRM (2.8%).

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 13.0% in the total traffic handled by all non-major ports in the country during 2011-12.

12.2.2 Non-major ports in Andhra Pradesh collectively handled 45.63 million tonnes of cargo during 2011-12 compared with 43.27 million tonnes in 2010-11 thus registering an increase of 5.45% in traffic. The overseas traffic during 2011-12 was 39.92 million tonnes (87.5% of the total cargo traffic in non major ports of Andhra Pradesh) and coastal traffic was of the order of 5.71 million tonnes. The **Table 20** gives the port wise details of the cargo handled at non-major ports in Andhra Pradesh during 2011-12 as well for the previous years.

Year	Traffic Handled (Million Tonnes) – Port Wise					Total
	Rawa	Kakinada Anchorage	Kakinada Deep Water Port	Gangavar-am	Krishnapa-tnam	
2003-04	3.14	1.32	5.56	-	-	10.02
2004-05	2.84	1.76	10.47	-	-	15.07
2005-06	2.66	2.83	12.18	-	-	17.67
2006-07*	2.65	3.78	12.18	-	-	18.61
2007-08	2.63	4.02	12.64	-	-	19.29
2008-09	2.18	2.19	14.51	2.63	8.21	29.72
2009-10	1.85	0.82	11.94	12.95	16.13	43.69
2010-11	1.56	1.15	10.81	13.84	15.91	43.27
2011-12	3.20	3.16	9.85	14.00	15.42	45.63
* 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 (51.5%), Fertiliser & FRM (15.4%), POL & its products (7.7%) and Iron ore (6.5%) were the four principal item of cargo handled during (2011-12) by the Non-Major Ports of Andhra Pradesh (**Table 21**).

Year	POL & Products	Iron ore	Fertilizer & FRM	Coal	Others	Total
2003-04	6.49	0.04	1.12	0.02	2.35	10.02
2004-05	9.96	0.96	1.30	-	2.85	15.07
2005-06	8.51	3.88	1.84	0.14	3.30	17.67
2006-07	8.49	3.88	1.95	0.14	4.15	18.61
2007-08	9.21	3.59	1.98	0.05	4.46	19.29
2008-09	9.44	9.47	3.23	3.52	4.06	29.72
2009-10	3.67	15.26	4.17	15.24	5.35	43.69
2010-11	2.79	8.96	5.80	19.62	6.10	43.27
2011-12	3.51	2.97	7.04	23.51	8.60	45.63

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

12.3 MAHARASHTRA

12.3.1 Maharashtra has a coast line of around 653 Kms with 48 notified non-major ports. Out of these only 12 ports handled cargo traffic during 2011-12.

12.3.2 The total cargo traffic handled at the non-major ports of Maharashtra during 2011-12 was 19.95 million tonnes compared with 14.88 million tonnes in 2010-11. This represents an increase of 34.1%. Overseas traffic at 12.62 million tonnes has shown increase of 76.7% from 7.14 million tonnes in 2010-11 whereas coastal traffic at 7.33 million tonnes has decreased by 5.2% from 7.73 million tonnes during the same period. The port-wise traffic at non-major ports of Maharashtra is brought out in **Table 22**. Dharamtar is the leading non-major port of Maharashtra with traffic of 7.52 million tonnes accounting for 37.7% 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.

Table 22 : Traffic Achieved at Select Non-Major Ports – Maharashtra						
Year	Traffic Handled (Million Tonnes)					
	Dharamtar	Revdanda	Ulwa-Belapur	Ratnagiri	Others	Total
2003-04	6.66	1.24	0.93	0.52	0.98	10.33
2004-05	7.73	1.27	1.01	0.62	1.51	12.14
2005-06	6.27	0.96	1.20	0.65	2.08	11.16
2006-07	6.80	1.02	1.28	0.66	1.82	11.58
2007-08	6.32	1.15	1.41	0.72	1.76	11.36
2008-09	5.09	1.03	1.56	0.73	2.01	10.42
2009-10	6.84	1.24	1.52	0.70	1.75	12.05
2010-11	7.08	1.67	1.62	0.96	3.55	14.88
2011-12	7.52	1.31	1.66	0.83	8.63	19.95

12.3.3 Commodity-wise break-up of the cargo handled by the non-major ports of Maharashtra indicates that Coal traffic of 7.59 million tonnes constituted (38%) of the total cargo handled in 2011-12 followed by Iron ore (31.9%) and Building material (12.5%) **(Table 23)**

Table 23 : Commodity-wise Traffic Achieved at Non-Major Ports – Maharashtra						
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
2011-12	6.36	2.49	-	7.59	3.51	19.95

As seen from the above table, all commodities have shown increase in traffic in 2011-12 as compared to 2010-11.

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 14.47 million tonnes during 2011-12 compared with 14.58 million tonnes handled in the previous year, reflecting a nominal decrease of about 1%. The commodity composition of traffic is brought out in **Table 24**.

Table 24 : Commodity-wise Traffic Handled at Non-Major Ports - GOA					
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
2011-12	14.31	0.16	-	-	14.47

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 11 non-major ports. Out of these 4 ports normally handle cargo traffic.

12.5.2 During 2011-12, non- major ports in the State handled 0.59 million tonnes of cargo traffic as compared to 3.10 million tonnes in 2010-11 reflecting a sharp decline of 81% over the previous year. The port-wise traffic in Karnataka is given in **Table 25**.

Table 25 : Traffic Achieved at Select Non-Major Ports - Karnataka						
Year	Traffic Handled (Million Tonnes)					
	Karwar	Old Mangalore	Malpe	Belekri	Others	Total
2003-04	0.95	0.11	0.01	0.10	-	1.17
2004-05	2.61	0.08	0.01	0.81	-	3.51
2005-06	2.47	0.08	0.02	1.55	-	4.12
2006-07	2.38	0.09	0.01	4.08	-	6.56
2007-08	2.72	0.08	0.01	6.09	-	8.90
2008-09	2.96	0.09	0.01	1.91	-	4.97
2009-10	2.20	0.08	-	6.27	-	8.55
2010-11	1.13	0.14	-	1.83	-	3.10
2011-12	0.50	0.09	-	-	-	0.59

Belekri, the leading port of Karnataka which handled 1.83 million tonnes of cargo during 2010-11 did not handle any cargo during 2011-12 due to ban on mining of Iron Ore in Karnataka. The contribution of the Belekri to the total cargo handled by the non-major ports of Karnataka was about 59% in 2010-11. Karwar the second leading port of Karnataka which had handled 1.13 million tonnes of cargo during 2010-11 (36.4%) handled the major portion of traffic (0.50 million tonnes) during 2011-12.

12.5.3 Commodity-wise breakup of the cargo traffic handled by the non-major ports of Karnataka is given in **Table 26**. Granite has emerged as the most important single item with a share of 39%in the non-major port traffic of Karnataka followed by Salt (10.2%)

Table 26 : Commodity-wise Traffic Handled at Non-Major Ports – Karnataka							
Year	Traffic Handled (Million Tonnes)						
	POL & Products	Granite	Fertiliser & FRM	Salt	Iron Ore	Others	Total
2003-04	0.15	0.23	0.02	0.05	0.49	0.19	1.17
2004-05	0.11	0.27	0.02	0.06	2.72	0.32	3.51
2005-06	0.10	0.25	0.03	0.10	3.40	0.24	4.12
2006-07	0.14	0.34	0.10	0.07	5.77	0.14	6.56
2007-08	0.05	0.31	0.04	0.08	8.04	0.38	8.90
2008-09	0.02	0.44	0.03	0.07	4.28	0.13	4.97
2009-10	0.04	0.34	-	0.08	7.84	0.22	8.55
2010-11	0.03	0.36	0.02	0.03	2.32	0.31	3.10
2011-12	-	0.23	0.03	0.06	-	0.27	0.59

12.6 TAMIL NADU

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

12.6.2 During 2011-12 the non-major ports in Tamil Nadu collectively handled 1.21 million tonnes of cargo traffic as compared to 1.61 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	Nagapatt i-nam	Tirukkadai - Yur	Cuddalo re	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
2011-12	0.05	0.06	0.63	0.23	0.24	1.21
Includes others (0.01) million tones						

Nagapattinam port handled the maximum traffic of 0.63 million tonnes during 2011-12 accounting for more than 52.1% 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 (91.7%) followed by Fertiliser & FRM (4.1%) 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
2011-12	1.11	0.05	0.03	0.02	1.21

SECTION – II

1. VITAL PORT STATISTICS

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

(As on 31.3.2012)

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	11	12
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	200	212

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 31.3.2012)

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	11 Manki	3 Bahudamuham
12 Koteswar	27 Mandad		4 Palur
13 Mundra / GAPL	28 Kumbharu	LAKSHADWEEP	5 Baliharichandi
14 Jakhau	29 Shriwardhan	1 Agatti	6 Astaranga
15 Jodia	30 Bankot	2 Amini	7 Jatadhar Muhan
16 Salaya	31 Kelshi	3 Andrott	8 Barunei muhan
17 Pindhara	32 Har nai	4 Bitra	9 Dhamra
18 Beyt	33 Dabhol	5 Chetlat	10 Chudamani
19 Rupen	34 Palshet	6 Kavaratti	11 Inchuri
20 Mangrol	35 Borya	7 Kadmat	12 Chandipur
21 Kotda	36 Jaigad	8 Kiltan	13 Subanarekha Mouth (Kirtania)
22 Madhwad	37 Tiwri -Varoda	9 Kalpeni	
23 Navabandar	38 Purnagad	10 Minicoy	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 Teressa	12 Manieswaram
40 Mul-Dwarka	(i) Anchorage	16 Kondul	13 Azhikkal
41 Hazira	(ii) Kakinada Deep Water	17 Pillow Millow	14 Kozhikode/Beypore
	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 Mutyalammappalem		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 31.3.2012)

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(#)	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° 14' E	16.0	15.95	286	1	670	Dry Dock Natural Port
V.O. Chidambaranar	8° 45' N	78° 13' E	4.0	10.4	162	1	488	Artificial Harbour
Chennai	13° 06' N	80° 18' E	6.7	IH 18.6 OH 19.2	244	1	548	Artificial Harbour with Wet Docks.
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'-58".63N	86° 40'-27".34E	1.2	13	160	1	520	Wet Dock
Kolkata Dock System	22° 33' N	88° 18' E	232	2.6\$	45	2	KPD-190 NSD-228	Riverine with impounded Docks & River side Jetty.
Haldia Dock Complex	22° 02'N	88° 06' E	115	6.7	467	1	549	--do --

(a) At GTI Berth South-West Corner

** Including both turning circles

#) Nautical Miles

\$ Draft variable Min-5.1, Max-8.5

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

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

Source : Major Ports/IPA

Table 1.4 Berths Available at Major Ports

(As on 31.3.2012)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2010-11	2011-12
1	2	3	4	5	6
KANDLA					
I) Cargo Jetty					
CJ-I - Multipurpose	9.8	182.87	45,000	92	92
CJ-II - Multipurpose	9.8	182.87	45,000	93	92
CJ-III - Multipurpose	9.8	182.87	45,000	92	91
J-IV - Multipurpose	9.8	182.87	45,000	92	88
CJ-V - Multipurpose	9.1	205.73	35,000	89	89
CJ-VI - Multipurpose	9.1	205.73	35,000	94	93
CJ-VII - Multipurpose	12.0	238.64	55,000	95	92
CJ-VIII - Multipurpose	12.0	213.04	55,000	94	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	39	52
CJ-XII - Multipurpose & Container	12.5	264.00	65,000	37	54
II) Oil Jetty					
OJ-I - POL Products, Veg. Oil & other Liquids	10.4	213.4	40,000	81	78
OJ-II - POL Products, Veg. Oil & other Liquids	10.0	183.0	52,000	81	79
OJ-III - POL Products, Veg. Oil & other Liquids	10.7	213.4	40,000	88	81
OJ-IV - POL Products, Veg. Oil & other Liquids	10.7	216.0	56,000	80	80
OJ-V - Phos. Acid & Ammonia	10.7	216.0	45,000	63	66
OJ-VI - POL Products	10.1	216.0	45,000	20	20
III) At Vadinar					
SBM-I - POL Crude	30.0	...	3,00,000	29	35
SBM-II - POL Crude	30.0	...	3,00,000	29	27
SBM-III - POL Crude	30.0	...	3,00,000	36	32
Product Jetty -I POL (Products)	14.0	...	1,00,000	57	48
Product Jetty -II POL (Products)	14.0	...	1,00,000	44	50
MUMBAI@					
Indira Docks					
1. Container	8.84 to 9.14	168	...	61	58
2. Container	8.84 to 9.14	175	...	45	60
3. Container	8.84 to 9.14	175	...	62	60
4. Container	8.84 to 9.14	175	...	45	40
9. Container	8.84 to 9.14	175	...	50	42
J/E Heavy lifts	8.84 to 9.14	160	...	19	40
10. Multipurpose	8.84 to 9.14	175	...	39	46
11. Multipurpose	8.84 to 9.14	175	...	44	42
12. Multipurpose	8.84 to 9.14	175	...	35	51
12 A. Multipurpose	8.84 to 9.14	175	...	39	51
12 B. Multipurpose	8.84 to 9.14	175	...	51	52
13 A. Multipurpose	8.84 to 9.14	175	...	51	35
13 B. Multipurpose	8.84 to 9.14	175	...	12	64

Annual cargo handling capacity excluding 0.80 MMTs Transhipment capacity at vadinar and 0.80 MMTs at TUNA.

@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 31.3.2012)

Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage	
				Occupancy during	
				2010-11	2011-12
1	2	3	4	5	6
13 G.Cargo and Bulk Cargo	8.84 to 9.14	175	...	66	67
14. Fertilizers & Food Grains	8.84 to 9.14	175	...	23	50
15. Fertilizers & Food Grains	8.84 to 9.14	175	...	59	43
16. Multipurpose	8.84 to 9.14	175	...	40	54
18. Multipurpose	7.0 CD	186	...	58	63
19/20. Multipurpose	7.0 CD	160	...	63	76
21. Multipurpose	7.0 CD	160	...	60	84
22/23. Multipurpose	7.0 CD	160	...	38	64
Ballard Station					
Pier- Container	10.0 CD	183	...	38	51
Ballard Extn.					
Pier- Paassenger cum Cargo	10.0 CD	221	...	76	82
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	65	57
2 JD - POL	10.97	226	48,000	46	47
3.JD - POL	11.58	226	70,000	60	57
4 JD - POL	14.30	300	1,25,000	67	71
Old Pir Pau Jetty - POL/Chem	7.50	171	35,000	40	51
New Pir Pau Jetty- POL/Chem	12.00	197	47,000	81	84

(i) In India Dock Basin Berths the max. size of vessel that can be accommodated is 175.26 m in which case the vessel will be occupying part of the adjacent berth also.
(ii) Availability is less than 365 days at some berths due to decommissioning of berths for dredging maintenance repairs etc.

Table 1.4 Contd...

Berths Available at Major Ports

(As on 31.3.2012)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during			
				2010-11	2011-12		
1	2	3	4	5	6		
J.L.NEHRU							
CB-01 - Container JNPCT	12.5	680	85,000	88	88		
CB-02 - Container JNPCT				76	76		
CB-03 - Container JNPCT				55	55		
CB-04 - Container NSICT	12.5	600	1,00,000	79	79		
CB-05 - Container NSICT				78	78		
GTI-01-Container GTIPL	12.5	712	85,000	79	79		
GTI-02-Container GTIPL				19	19		
GTI-03-Container GTIPL				78	78		
Liquid Cargo Berth(BPCL)							
Piled Jetty-Seaward-LB-01	12.5	300	100,000	89	89		
Inner face-LB-02	10.0	280	45,000	89	89		
SB-01 Shallow Draught Berth	5.0	445	30,000	28	28		
SB-02 Shallow Draught Berth	7.2			71	71		
SB-03 Shallow Draught Berth	9.0			83	83		
JNPT Anchorage	-	-	-	56	56		
MORMUGAO							
5 General Cargo(a)	13.1	190	(b)	...	...
6 General Cargo(a)	14.0	225	(b)	...	...
7. Barge Berth(b)*							
8. Liquid Bulk	12.7	260	125000	66	66		
9. Ore	14.0	335	275000	88	88		
10. General Cargo	11.5	225	55000	79	79		
11. General Cargo	12.7	225	65,000	86	86		
East of Mooring Dolphins No.1	12.8	-	-	-	-		
No.1 & 2 Mooring Dolphins	12.8			225	-	-	
No.2 &3 Mooring Dolphins	12.8			225	70,000	-	-
No.3 &4 Mooring Dolphins	13.0			225	70,000		
No.4 &5 Mooring Dolphins	\$			225	70,000		
No.5 &6 Mooring Dolphins	\$	225	70,000				
NEW MANGALORE							
No. 1 General Cargo	7.0	90	4000	11	5		
No. 2 General Cargo	10.5	190	30000	53	44		
No. 3 General Cargo	10.3	190	30000	41	46		
No. 4 General Cargo/Liq. Amonia/Phos. Acid	9.5	190	30000	22	24		
No. 5 General Cargo/Bulk Cement/Edible Oil	9.5	190	30000	36	44		
No. 6 General Cargo	9.5	190	30000	30	53		
No. 7 General Cargo	9.5	190	30000	35	50		
No. 8 Iron Ore Berth (Mechanical)	12.5	245	60000	32	35		
No.9 POL/LPG	10.5	235	45000	89	81		
No. 10 Crude Oil	14.0	245	85000	63	68		
No.11 Crude Oil/POL Products	14.0	245	85000	74	70		
No.12 Multi User Jetty-POL/Chemicals	12.5	230	50000	59	64		
No. 14 Deep Draft multipurpose Berth-General (	14.0	280	90000	57	59	
No.15 Coal (Machanical)	14.0	300	90000	57	7		

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

2-MD means Mooring Dolphins.

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

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

5 -\$ Dredging is in progress.

Table 1.4 Contd...

Berths Available at Major Ports

(As on 31.3.2012)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during		
				2010-11	2011-12	
1	2	3	4	5	6	
COCHIN						
Q1 - General Cargo	9.1	}	180	16000	98	100
Q2 - General Cargo	9.1		180	16000	53	28
Q3 - General Cargo	9.1		180	16000	81	100
Q4 - General Cargo/Liquid Bulk	9.1		220	16000	89	100
Q5 - General Cargo/Finished Fertiliser/CBFS	10.0		183	20000	75	98
Q6 - General Cargo/Container/CBFS	10.0		183	20000	90	42
Q7 - General Cargo	10.5		183	20000	38	20
Q8 - General Cargo	12.5		250	60000	71	55
Q9 - General Cargo	12.5		250	60000	79	82
Q10 - Fert. Raw Materials/Phos.Acid	10.7		207	60000	91	74
BTP - Passenger & Cargo/Liquid Bulk	10.2	}	185	35000	100	75
NCB - General Cargo/Liquid Amonia	9.1		185	35000	69	100
SCB - General Cargo/Liquid Amonia	9.1		140	12000	68	91
COT - POL /Crude	12.5	250	115000	74	78	
NTB - POL Products	9.1	213	30000	73	46	
STB - POL Products	9.1	170	18000	12	24	
SPM - Crude Oil	22.5	370	300000	45	49	
V1* Container		}			-	-
V2* Container	14.5		600	45000	22	42
V3* Container	14.5		45000	80	76	
TUTICORIN						
Alongside Berths						
Berth No.1 - General Cargo	9.3	184	61755	85	92	
Berth No.2 - General Cargo	9.3	191	57809	79	91	
Berth No.3 - Bulk Cargo	10.7	230	71488	82	95	
Berth No.4 - Bulk & Ph.Acid	10.7	230	71488	88	93	
Berth No. 5 - Passenger & GC	8.6	201	55473	86	86	
Berth No. 6 - General Cargo	9.3	201	58849	85	96	
Berth No.7\$ - Container	10.9	231	43401	86	94	
Berth No.8 - General Cargo	12.8	190	58722	92	93	
Berth No.9 - General Cargo	12.8	229	79224	87	89	
Shallow Drought Berth						
Berth No.1 - General Cargo	}	5.9	112	6266	14	40
Berth No.2 - Coast Guard		77	2800	30	-	
Oil Jetty						
Oil Jetty- POL, Ammonia	12.8	227	64220	34	57	
Coal Jetties						
Coal Jetty No.1 -Thermal Coal	12.8	196	58930	79	90	
Coal Jetty No.2- Thermal Coal	12.8	224	73879	76	84	
CHENNAI						
Dr. Ambedkar Dock						
1. North Quay - Passenger/ G.C./LB	8.5	198	...	70	64	
2. West Quay I - G.C./Other Liquid Cargo	11.0	171	...	67	58	
3. West Quay 2 - General Cargo/RO-RO/LB	12.0	171	...	69	54	
4. Centre Quay - General Cargo/Food Grains	12.0	171	...	75	62	
5. West Quay 3 - General Cargo/Food Grains	12.0	171	...	77	75	

* Operated by Dubai Port World

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

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

Table 1.4 Contd...

Berths Available at Major Ports

(As on 31.3.2012)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2010-11	2011-12
1	2	3	4	5	6
6. West Quay 4 - Fert./General Cargo/Passenger	11.0	171	...	64	69
7. South Quay 1 - Fert./General Cargo/Dry Bulk	9.5	246	...	84	74
8. South Quay 2 - Fert./General Cargo/Dry Bulk/LB	9.5	179	...	78	75
Jawahar Docks					
11. J.D.1 - Fertilizer/Dry Bulk	11.5	218	...	80	74
12 J.D.2 - Under BRS/Fertilizer/Dry Bulk	11.5	218	...	78	75
13. J.D.3 - Fertilizer/Dry Bulk	11.5	218	...	82	75
14. J.D.4 - Other Ores/Coal	11.0	218	...	56	47
15. J.D.5 -Fertilizer/Dry Bulk	11.5	218	...	78	61
16. J.D.6 - Other Ores/Coal	11.0	218	...	56	52
Bharathi Docks					
17. B.D.1 - POL	14.6	356	...	56	82
18. B.D.2 - Iron Ore/Liquid	16.5	382	...	47	60
19. B.D.3 - POL	16.5	308	...	80	81
Container Terminal					
20. CT-1 - Containers	13.4	200	...	11	19
21. CT-2 - Containers	13.4	200	...	57	56
22. CT-3 - Containers	13.4	200	...	64	70
23. CT-4 - Containers	13.4	285	...	64	73
24. SCB-I - Containers	12.0	287	....	29	51
25. SCB-II - Containers	12.0	270	....	28	48
26.SCB-III-Containers	12.0	275	....	30	47
ENNORE					
Coal Berth - 1	13.5	280(a)	77000	77	66
Coal Berth - 2	13.5	280(a)	77000	33	10
Marine Liquid Terminal-1-POL/Chemicals	13.5	360	150000	32	21
CICT- Coal	13.5	325	150000	17	38
GCB* Automobiles/Project Cargo	10.0	278	70000	-	27
VISAKHAPATNAM					
Inner Harbour					
Multipurpose Berths					
East Quay - 1	10.1	168	...	92	86
East Quay - 2	10.1	168	...	85	82
East Quay - 3	10.1	168	...	83	85
East Quay - 4	10.1	231	...	90	90
East Quay - 5	11.0	168	...	74	90
East Quay - 6@	11.0	183	...	43	65
East Quay - 7	11.0	255	...	91	91
East Quay - 8	11.0	255	...	68	55
East Quay - 9	11.0	255	...	76	63
West Quay - 1	11.0	212	...	47	81
West Quay - 2@	11.0	227	...	66	77
West Quay - 3@	11.0	201	...	89	87
West Quay - 4	11.0	243	...	87	86
West Quay - 5	11.0	242	...	87	78
RE WQ-I -POL	8.0	170	...	36	46
Captive Berths					
Oil Refinery Berth - 1-POL	10.1	183	...	78	73

@ EQ-6 berth was de-commissioned w.e.f. 25.9.2011

@WQ-2 berth was commissioned 26.9.2011

@WQ-3 berth was de-commissioned w.e.f. 25.9.2011

Table 1.4 Contd...

Berths Available at Major Ports

(As on 31.3.2012)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2010-11	2011-12
1	2	3	4	5	6
Oil Refinery Berth - 2-POL	9.8	183	...	73	72
Fertiliser Berth-Fert./Raw Material/Liquid Ammonia	10.1	173	...	46	46
Outer Harbour					
1. GCB - General cum Bulk Cargo@-Multipurpose	14.5	356	...	85	83
Captive Berths					
OB -1&OB-2 Iron Ore	16.5	270	...	96	90
OSTT - Crude Oil	17.0	408	...	50	35
LPG -POL/LPG	14.0	371	...	70	69
VCT- Containers	14.5	451		-	75
PARADIP					
Iron Ore Berth-Iron Ore	12.5	260	70,000	88	61
East Quay - I -General	11.0	}	40000	80	79
East Quay - II-General	11.0		40000	87	86
East Quay - III-General	12.5		60000	92	90
South Quay-General	12.0	260	50000	93	82
Central Quay - I-General	12.5	}	65000	95	86
Central Quay - II-General	12.5		65000	94	88
Central Quay - III-General	12.5		65000	96	73
Fertiliser Berth - I	12.5	252	65000	64	50
Fertiliser Berth - II	12.5	252	65000	66	77
Multipurpose Berth-General	12.5	230	45000	92	86
Coal Berth - I	12.5	}	70000	44	37
Coal Berth - II	12.5		70000	54	51
Oil Jetty	13.0	260	70000	55	39
SPM - Crude Oil	21.0	370	320000	34	34
RO-RO Jetty- P. Cargo	5.0	90	10000	-	-
KOLKATA DOCK SYSTEM					
Kidderpore Dock (KPD)					
1 KPD- General	8.0	133	Around 25000 depending on parcel load#	99	78
3 KPD -General	8.4	128		64	73
4 KPD-General	8.7	136		96	98
5/7 KPD- General	8.6	229	-do-	88	73
6 KPD-General	9.0	118	-do-	65	80
8 KPD- General	9.2	128	-do-	90	92
9 KPD- General	9.0	108	-do-	52	26
10 KPD- General	8.9	161	-do-	89	78
11 KPD (Passenger & Coastal)	8.7	151	-do-	51	83
12 KPD(Passenger & Coastal)	8.9	143	-do-	96	98
22 KPD-General	8.6	151	-do-	98	100
23 KPD-General	8.8	147	-do-	100	100
24 KPD-General	9.1	152	-do-	48	28
25 KPD-General	8.8	169	-do-	67	60
26 KPD-General	8.4	185	-do-	98	97
27 KPD-General	7.7	195	-do-	75	64
28 KPD-General	8.5	195	-do-	59	45
29 KPD-General	7.4	185	-do-	56	59

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

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

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

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

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

Table 1.4 Contd...

Berths Available at Major Ports

(As on 31-03-2012)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2010-11	2010-11
1	2	3	4	5	6
Netaji Subhash Dock (NSD)					
1 NSD-General/Heavy Cargo	7.1	200	-do-	58	60
2 NSD-General Cargo	7.8.	187	-do-	54	40
3 NSD-General Cargo	9.0	183	-do-	59	48
4 NSD-Container	8.6	181	Around 21000	79	80
5 NSD-Container	8.2	182	-do-	65	63
7 NSD-Container	8.5	192	-do-	64	61
8 NSD-Container	8.0	225	-do-	79	78
12 NSD-Liquid Cargo	8.1	152	Around 25000	48	25
13 NSD-General Cargo	8.2	174	depending on parcel load	53	46
14 NSD-General Cargo	7.4	174		54	67
Buj Buj Jetties					
1 BB-Liquid Cargo	11.5	189	Around 38000*	94	95
2 BB-Liquid Cargo	11.5	116	-do-	32	13
3 BB-Liquid Cargo	11.5	163	-do-	37	21
5 BB-Liquid Cargo	10.5	189	-do-	54	43
7 BB-Liquid Cargo	8.5	137	-do-	45	43
8 BB-Liquid Cargo	8.5	189	-do-	46	25
HALDIA DOCK COMPLEX					
HOJ-I - POL, Amonia & Chemical	12.2	236	90000	79	79
HOJ-II - POL	12.2	277	150000	72	72
HOJ-III- POL Crude	12.5	275	150000	32	32
Berth No.2 - Multipurpose Berth handling Dry Bulk	12.2	238	75000	70	70
Berth No. -3- Multipurpose Berth handling POL, Iron Ore & other bulk	12.2	239	75000	61	61
Berth No.- 4 -Thermal Coal (Mechanised)	12.2	239	90000	64	64
Berth No.- 4 A- Coking Coal (Mechanised)	12.2	230	75000	62	62
Berth No. - 4 B - Multipurpose-Dry Bulk & Break Bulk	12.2	180	75000	83	83
Berth No. 5 - Coking Coal & FRM (Dry)-Mechanised	12.2	183	75000	94	94
Berth No. 6 - Multipurpose-Dry Bulk, Break Bulk & Liquid Bulk	12.2	212	75000	82	82
Berth No. 7 - Multipurpose-Dry Bulk, Break Bulk & Liquid Bulk	12.2	212	75000	71	71
Berth No. 8 - Multipurpose-Dry Bulk, Break Bulk & Liquid Bulk	12.2	**	75000	62	62
Berth No. 9 - Multipurpose-Dry Bulk, Break Bulk & Container	12.2	**	75000	87	87
Berth No. 10 - Multipurpose-Dry Bulk, Break Bulk & Container	12.2	**	75000	64	64
Berth No. 11 - Multipurpose-Dry Bulk, Break Bulk & Container	12.2	**	75000	75	75
Berth No. 12 - Multipurpose-Dry Bulk & Break Bulk	12.2	**	75000	66	66
Berth No. 13 - Multipurpose-Dry Bulk & Break Bulk	12.2	**	75000	79	79

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

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

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

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

Source: Major Ports

Table 1.5

Storage Facilities Available at Major Ports

(As on 31.3.2012)

Port/Type	Dry Storage Accommodation		Liquid Storage Tanks			
	No.	Area(Sq.mts)/ Capacity	No.	Location	Capacity	Type of Cargo
1	2	3	4	5	6	7
1. KANDLA						
(a) Dry Cargo Storage accommodation						
Covered area						
i) Transit Sheds			-	Agencies	218877 KLS	
ii) Ware-Houses/Godowns	28	139279				
iii) CFS Sheds	2	6480				
iv) Bulk Storage for Fertilizers						
i) Bulk Storage	1	7080				
ii) Bagging plant	1	5510				
v) Other Godowns in side dock area	1	2970				
Open Area**						
Kutchra Plots		74377				
Pucca Plots		1282128				
2. MUMBAI						
(a) Covered area						
i) Transit Sheds	19	76862	2	Jawahar Deep	5316 KLS	Slop/dirty ballast
ii) Ware-Houses	27	148069	8	Jawahar Deep	179000KLS	HSD/SKO/FO
iii) Container Freight Station	19	57227	4	Victoria Docks	29000 KLS	Molasses/Vegetable Oil
(b) Open Area						
i) Inside Docks	38	204310	3	Mallet Bunder	36000 T	Vegetable Oil
			6	Carnac Bunder	11500 T	Vegetable Oil
ii) Outside Docks	17	139637	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	5579	17	Pir Pau	35000 KL	Chemicals/Lub. Oil
	3	62987				
3. MORMUGAO						
(a) Covered area						
i) Transit Sheds/Overflow sheds.	1	8250	13	Port Area	38396 KL	Molasses, Caustic Soda, F. Oil, etc.
ii) Ware-Houses	6	18832	1	Port Area	5000 T	Ammonia
iii) Ware-Houses- CWC & FCI	4	14480	25	Vasco City	192611 KL	POL Products
(b) Open Area						
i) Container	-	16000	2	Port Area	10000 T	Liquid Products
ii) Others	-	309389				
4. NEW MANGALORE						
i) Transit/Overflow Sheds	5	21634	55	Wharf Area	230645(KL)	Chemicals/POL/Molasses
ii) Table 1.5 Contd.	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)

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

Storage Facilities Available at Major Ports

(As on 31.3.2012)

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
5. J. L. NEHRU						
i) CFS- JNP	1	264166	124	Outside	671490 MT	A,B,C class of chemicals, POL Products, Edible Oil & other liquids.
ii) CFS-Private	29	2960602	Tank Farms			
iii) Open Area-Inside Port		1518527				
6. COCHIN						
(a) Covered area						
i) Transit Sheds	11	32360	90	W/Island	260117	Petroleum Products
ii) Table 1.5 Contd.	5	14780	19	W/Island	59091 KL	Vegetable/Edible/Refined Oil
iii) Other Sheds	2	7000	2	W/Island	8600 MT	Carbon Black Oil
iv) CFS	1	10000	1	W/Island	2400 MT	Cashew
(b) Open Area						
			1	W/Island	10000 MT	Ammonia
i) Open Space	1	125000				
ii) Open at the Wharf	7	94947				
iii) CFS Yard	1	20000				
7. TUTICORIN						
(a) Covered area						
i) Transit Sheds	2	22070	3	VOC Wharf Berth IV	15000 Cu.m	Phosphoric Acid
ii) Ware - Houses	4	20550	3	Outside	41600 KL	Naptha
iii) Other covered area	2	1472	3	-do-	25500 KL	Furnace Oil
vi) Private Warehouses	16	459000	3	-do-	15540 KL	LSHF/HSD
(b) Open Area						
			1	-do-	750 KL.	LSFO
i) General cargo	-	568700	3	-do-	78000 KL.	Petrol
ii) Container	-	54000TEUs	2	-do-	18030 KL.	Kerosene
			11	-do-	7000 Cu.m	VCM
			1	-do-	10000 T	Ammonia
			2	-do-	15000 T	LPG
			2	-do-	7790 KL	EDC/DNS
8. CHENNAI						
A. Port Owned						
(a) Covered area						
i) Transit / Overflow Sheds	7	37238	11	Area-I	33402	Molasses
ii) Ware-Houses	4	24329	9	Area-I	18000	Edible Oil /Molasses
iii) Container Freight station	1	6000	6	Area-IV	9966	Edible Oil & Palmolien Oil
(b) Open Area						
		663018	4	Area-IV	11796	Edible Oil

Storage Facilities Available at Major Ports

(As on 31.3.2012)

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			3	Area-IV	18180	Phosphoric Acid		
ii) Outside port			4	Area-IV	11470	Molasses		
(b) Open Area			4	Area-IV	12121	Molasses		
i) Inside port						1167911		
ii) Outside port						4068		
9. VISAKHAPATNAM								
A. Port Owned								
(a) Covered area								
i) Transit Sheds/Storage sheds			10	33888	93	HPCL	1193355	Crude & Products
ii) Ware- Houses			1	10482	29	IOC	121382(T)	POL Products
(b) Open Area					15	BPCL	67770(T)	POL
i) Bulk cargo			...	1327765	11	CIL	67500	Mol.Sulphur, Phos. Acid, Sulphuric Acid & Liquid Amonia
ii) Iron ore			...	369018				
					3	Nalco	30000 T	Caustic Soda
B. Owned by Users					26	IMC/JRE/AVRS	72708 KL	Edible Oil, Chemicals, Sulphuric Acid, Bio-diesel, Molasses &
(a) Covered area								
i) Cargo			12	147570	3	EIPL	9000 T	LPG
ii) Ware- Houses			-	66230	21	EIPL	105690 KL	POL & Ethanol
iii) Open Area			5	79300				
					1	South Asia LPG Co.	60000 T	LPG
(b) Open Area								
i) Cargo				25000				
ii) Container								
10. PARADIP								
(a) Covered area								
i) Transit Sheds/Over flow sheds			2	9700	36	Outside Port	243000 KL	POL Products
ii) Ware - Houses			2	7700	32	Outside Port	289000 KL	FRM (liquid)
iii) Container Freight Station			1	1000 TEUs	15	Outside Port	900000 KL	POL (crude)
(b) Open Area				1918750				

Table 1.5 Contd.

Storage Facilities Available at Major Ports

(As on 31.3.2012)

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
		144 TEUs Reefer	12	Outside Port	81114 KL	POL
			14	Inside Port	6070 KL	Chemicals

(b) Open Area

133000
12000 TEUs Normal

B. Others (outside port)

(a) Covered area

i) Container Freight Station	4	...				
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12. HALDIA DOCK COMPLEX

(a) Covered area

i) Transit/Overflow Sheds	3	25040*				
ii) Container Yard	1	5000				

(b) Open Area	11	892840 **				
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13. ENNORE

Open Area

Harderne Area Dry Cargo	3	993334	63	Port	253425	POL/Chemical
Car Parking Yard	1	166000				
Coal/Iron Ore Stackyard	2	1014964				

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

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

Source -Major Ports

Table 1.6

Commodity-Wise Capacity Available at Major Ports

(In Million Tonnes)

Commodities	KDS	HDC	PPT	VPT	EPL	ChPT	V.O.C.	CoPT	NMPT	MoPT	MbPT	KPT	JNPT	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL														
As on 31.3.07	3.60	17.00	6.00	17.15	-	11.25	2.30	11.20	21.20	1.50	32.00	46.00	5.50	174.70
As on 31.3.08	3.96	17.00	6.00	17.65	-	11.80	2.30	18.70	22.00	1.50	32.00	46.00	5.50	184.41
As on 31.3.09	3.96	17.00	21.00	17.65	3.00	11.80	2.30	18.70	22.00	1.50	32.00	55.24	5.50	211.65
As on 31.3.10	3.96	17.00	21.00	17.65	3.00	11.80	2.30	18.70	22.00	1.50	32.00	62.83	5.50	219.24
As on 31.3.11	4.11	17.00	21.00	17.65	3.00	11.80	2.30	18.70	23.37	1.50	32.00	62.83	5.50	220.76
As on 31.3.12	4.50	17.00	21.00	17.65	3.00	15.27	2.30	19.01	23.37	1.50	32.00	66.60	5.50	228.70
Iron Ore														
As on 31.3.07	-	4.00	4.50	12.00	-	8.00	-	-	7.50	21.50	-	-	-	57.50
As on 31.3.08	-	6.00	4.50	12.50	-	8.00	-	-	7.50	24.30	-	-	-	62.80
As on 31.3.09	-	6.00	4.50	12.50	-	8.00	-	-	7.50	24.30	-	-	-	62.80
As on 31.3.10	-	6.00	4.50	12.50	-	8.00	-	-	7.50	28.30	-	-	-	66.80
As on 31.3.11	-	8.00	4.50	12.50	6.00 ^A	8.00	-	-	7.50	33.00	-	-	-	79.50
As on 31.3.12	-	8.00	4.50	12.50	6.00	8.00	-	-	7.50	33.00	-	-	-	79.50
Coal														
As on 31.3.07	-	7.00	20.00	-	13.00	-	6.25	-	-	-	-	-	-	46.25
As on 31.3.08	-	7.00	20.00	-	13.00	-	6.25	-	-	-	-	-	-	46.25
As on 31.3.09	-	7.00	20.00	-	13.00	-	6.25	-	-	-	-	-	-	46.25
As on 31.3.10	-	7.00	20.00	-	13.00	-	6.25	-	-	-	-	-	-	46.25
As on 31.3.11	-	7.00	20.00	-	21.00	-	6.25	-	-	-	-	-	-	54.25
As on 31.3.12	-	7.00	20.00	-	21.00	-	12.55	-	5.40	-	-	-	-	65.95
Fertiliser														
As on 31.3.07	-	-	7.50	1.00	-	-	-	0.60	-	-	-	-	-	9.10
As on 31.3.08	-	-	7.50	1.00	-	-	-	0.60	-	-	-	-	-	9.10
As on 31.3.09	-	-	7.50	1.00	-	-	-	0.60	-	-	-	-	-	9.10
As on 31.3.10	-	-	7.50	1.00	-	-	-	0.60	-	-	-	-	-	9.10
As on 31.3.11	-	-	7.50	1.00	-	-	-	0.80	-	-	-	-	-	9.30
As on 31.3.12	-	-	7.50	1.00	-	-	-	0.80	-	-	-	-	-	9.30
Break-Bulk Cargo														
As on 31.3.07	5.00	11.50	18.00	26.65	-	15.55	7.00	4.27	12.60	7.00	9.15	11.70	0.70	129.12
As on 31.3.08	5.70	12.70	18.00	28.30	-	16.10	7.20	4.76	14.00	7.25	9.20	13.00	0.80	137.01
As on 31.3.09	6.30	12.70	18.00	29.38	-	16.80	9.26	4.76	14.70	7.25	9.80	14.80	0.80	144.55
As on 31.3.10	6.44	12.70	23.50	29.38	-	17.92	10.17	6.76	14.70	7.25	9.80	14.97	0.90	154.49
As on 31.3.11	6.51	14.70	23.50	31.28	1.00	17.92	13.49	8.98	14.70	7.40	11.53	16.88	0.90	168.79
As on 31.3.12	6.74	14.75	27.30	32.50	1.00	17.92	13.49	9.55	14.70	7.40	11.53	17.42	0.90	175.20
Container														
As on 31.3.07	4.80	4.00	-	1.70	-	15.20	5.00	4.08	-	-	3.50	3.60	46.20	88.08
As on 31.3.08	4.90	4.00	-	1.70	-	17.45	5.00	4.31	-	-	3.50	3.60	48.04	92.50
As on 31.3.09	5.50	4.00	-	1.70	-	19.15	5.00	4.31	-	-	1.90	7.20	51.66	100.42
As on 31.3.10	5.50	4.00	-	1.74	-	33.60	5.00	4.31	-	-	1.90	7.20	57.60@	120.85
As on 31.3.11	5.73	4.00	-	2.50	-	42.00#	5.00	12.50**	-	-	1.00*	7.20	57.60@	137.53
As on 31.3.12	5.90	4.00	-	2.68	-	42.00	5.00	12.50	-	-	1.00	7.20	57.60@	137.88
TOTAL														
As on 31.3.07	13.40	43.50	56.00	58.50	13.00	50.00	20.55	20.15	41.30	30.00	44.65	61.30	52.40	504.75
As on 31.3.08	14.56	46.70	56.00	61.15	13.00	53.35	20.75	28.37	43.50	33.05	44.70	62.60	54.34	532.07
As on 31.3.09	15.76	46.70	71.00	62.23	16.00	55.75	22.81	28.37	44.20	33.05	43.70	77.24	57.96	574.77
As on 31.3.10	15.90	46.70	76.50	62.27	16.00	71.32	23.72	30.37	44.20	37.05	43.70	85.00	64.00	616.73
As on 31.3.11	16.35	50.70	76.50	64.93	31.00	79.72	27.04	40.98	45.57	41.90	44.53	86.91	64.00	670.13
As on 31.3.12	17.14	50.75	80.30	66.33	31.00	83.19	33.34	41.86	50.97	41.90	44.53	91.22	64.00	696.53

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

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

Capacity of one shallow water berth at JNPT is 0.90 MT for dry bulk cargo.

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

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

Source : Development Wing - Department of Shipping.

Table 1.7

Number of Berths Available at Major Ports

Commodities	P O R T S														Total
	KDS	HDC	PPT	VPT	EPL	ChPT	V.O.C.	CoPT	NMPT	MoPT	MbPT	KPT	JNPT		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
POL															
31.3.09	7+A	3+2BJ	1+SBM	4	1	2	1	3+SPM	4	1	5	7+3SBM+A	2	41+5SBM+2BJ+A	
31.3.10	7+A	3+2BJ	1+SBM	4	1	2	1	3+SPM	4	1	5	8+3SBM+A	2	42+3SBM+2BJ+2SPM	
31.3.11	7+A	3+2BJ	1+SBM	4	1	2	1	3+SBM	4	1	5	8+3SBM+A	2	42+2BJ+A+55BM	
31.3.12	7+A	3+2BJ	1+SPM	4	1	2	1	3+SPM	4	1	5	8+3SBM+A	2	42+SBM+2BJ	
IRON ORE															
31.3.09	-	2	1	1	-	1	-	-	1	1+TRANS	-	-	-	7+TRANS	
31.3.10	-	2	1	1	-	1	-	-	1	1+TRANS	-	-	-	7+TRANS	
31.3.11	-	2	1	1	1	1	-	-	1	1+TRANS	-	-	-	8+TRANS	
31.3.12	-	2	1	1	1	1	-	-	1	1+TRANS	-	-	-	8+TRANS	
COAL															
31.3.09	-	2	2	-	2	-	2	-	-	-	-	-	-	8	
31.3.10	-	2	2	-	2	-	2	-	-	-	-	-	-	8	
31.3.11	-	2	2	-	3	-	2	-	-	-	-	-	-	9	
31.3.12	-	2	2	-	3	-	3	-	1	-	-	-	-	11	
FERTILISER															
31.3.09	-	-	2	1	-	-	-	1	-	-	-	-	-	4	
31.3.10	-	-	2	1	-	-	-	1	-	-	-	-	-	4	
31.3.11	-	-	2	1	-	-	-	1	-	-	-	-	-	4	
31.3.12	-	-	2	1	-	-	-	1	-	-	-	-	-	4	
BREAK BULK															
31.3.09	22+A	8	8	15	-	14	10+ Bzone	8	8	4	24#+A	11	1	133+Bzone+A	
31.3.10	22+A	8	9	15	-	14	10+BZone	9	8	4	24	11	1	135+Bzone+A	
31.3.11	22+A	8	9	15	1	14	10+BZone	12	8	4	25	11	1	140+B Bzone	
31.3.12	22+A	8	9	15	1	14	10	12	8	4	25+A	11	1	140+A	
CONTAINER															
31.3.09	4	2	-	1	-	4	1	3	-	-	2	2	9	28	
31.3.10	4	2	-	1	-	7	1	3	-	-	2	2	9	31	
31.3.11	4	2	-	1	-	7	1	3	-	-	1	2	9	30	
31.3.12	4	2	-	1	-	7	1	2	-	-	1	2	9	29	
TOTAL															
31.3.09	33+A	17+2BJ	14+SBM	22	3	21	14+BZone	15+SPM	13	6+TRANS	31+A	20+3SBM+A	12	221+5SBM+TRANS+2BJ+Bzone+A	
31.3.10	33+A*	17+2BJ	15+1SBM	22	3	24	14+BZone	16+SPM	13	6+TRANS	31+A	21+3SBM+A	12	227+5SBM+TRANS+2BJ+B Zone+A	
31.3.11	33+A*	17+2BJ	15+1SBM	22	6	24	14+BZone	19+1 SPM	13	6+TRANS	31+A	21+3SBM+A	12	233+2 BJs+A Zone+TRANS+5SBM	
31.3.12	33+A	17+2BJ	15+SPM	22	6	24	15	18+ SPM	14	6+TRANS	31+A	21+3SBM+A	13	234+5SBM+Trans+2BJ+A	

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 31.3.2012)**

(In Nos.)

Port	Crane				Fork Lift Truck	Tractor	Trailer	Shovel Dozer & Pay Loader	Locomotive
	Mobile	Wharf	Container						
			Quay	Yard					
1	2	3	4	5	6	7	8	9	10
Kolkata Dock System	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	10*	32*	20+12*		75*	2	14
V.O.Chidambaranar	-	5	3*	8*	3	-	-	-	1
Cochin	1Port+2*	-	4*	15*	21Port+9*	-	30*	-	-
New Mangalore\$\$	1	-	-	-	5	-	-	-	-
Mormugao	-	-	-	-	-	-	-	-	2
Mumbai ##	5	11	2	3	39 #	5	-	-	5
J. L. Nehru	2	-	9+18*	23+64*	10+9*		20+240*	4**	-
Kandla	-	16	-	-	9	3	1	2	-
All Ports	29	68	46	150	129		512	20	62

*: Under BOT Operators.

(\$) 13 FLT's, 3 RST

**: 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 31.3.2012)

Port	No. of Berths	Vessel Size (IN DWT)	Equipment					
			Quay Side Gantry Cranes	Yard Gantry Cranes	Toplift Trucks/Reach	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(*) TLT: Nil	Medium duty Nil	Hippo 40T NIL	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	7 (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	2/3	4	-	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#	- -
GTIPL (BOT Operator)	2	85,000	8x61 T	RTGC- 29x50/61T RMGC- 3x61T	4x40T		85##	
MUMBAI	1	42,000	2x35.5 T	3x35.5 T (RTG)	2x42T(**) 2x45T(**)	47	27	-
KANDLA	2	50000		Wharf Cranes-16	2	9	3	1

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

##: Tractor- trailers combined

** Reach Stackers

Source: Indian Ports Association

Table 1.10

Berthing Facilities Available at Non-Major Ports

(As on 31.3.2012)

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								
Adani Petronet Port Private Ltd	Minor	24.00	Soild cargo Berth	1	-	-	2	3
Petronet LNG Ltd	Minor	35.00	LNG Jetty	-	-	-	1	1
Chemical Port Terminal Co. Ltd	Minor	22.00	Motor Tanker Berth	-	-	-	1	1
Harbour Infrastructure Ltd.	Minor	20.00	Multi Purpose	-	-	-	1	1
Reliance Marine Terminal Port facility	Minor	12.00	Gas & Chemical Jetty	-	1	-	-	1
Hazira								
Hazira Port Private Ltd	Minor	25.00	LNH	-	-	-	1	1
Adani Hazira Port Private Ltd	Minor	25.00	Bulk Berth	-	-	-	1	1
Larsen & Tubro Ltd	Minor	12.00	-	1	2	-	-	3
Reliance Industries Ltd	Minor	25.00	Gas & Chemical Jetty	-	3	-	-	3
Essar Bulk Terminal Ltd	Minor	20.00	Fixed Berth	-	2	-	-	2
Pipavav								
Pipavav Port Ltd.		16.00	1 LPG 1 Container 3 Multipurpose	-	-	-	5	5
Table 1.10 (Contd...) Ltd	Minor	20.00	Captive Berth	-	-	-	1	1
Mundre								
Adani Ports and Special Economic zone Ltd.	Minor	30.00	Pile Berths	-	-	-	17	17
Sikka								
Shree Digvijay Cement Co. Ltd.	Minor	25.00	Shallow water Tidal port/ Wharf	-	1	-	-	1
Bharat Oman refinery Ltd.	Minor	32.00	SPM	-	-	-	1	1
State Fertiliser Co.Ltd.	Minor	25.00	Liquid cargo Berth	-	-	-	1	1
Reliance Industries Ltd.	Minor	37.00	SPM	-	-	-	5	5
Jakhu								
Sanghi Industries Ltd	Minor	15.00	Pile Berth	-	-	3	-	3
Muldwarka								
Ambuja Cement Ltd	Minor	23.00	Pile & Breakwater jetty	-	-	2	2	4

Berthing Facilities Available at Non-Major Ports

(As on 31.3.2012)

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
GUJARAT(Contd...)								
Okha	Intermediate	12.80	Sayaji pier (East)	-	-	-	-	-
			D.C.B	-	-	-	1	1
			Sheet piled wharf	1	-	-	-	1
			Light Cargo	1	-	-	-	1
			Passenger Jetty	1	-	-	-	1
Bhavnagar	Intermediate	12.00	1) Concrete Jetty RCC piles with slab with docking	-	1	-	-	1
			2) Akwada Wharf RCC wall	-	1	-	-	1
			3) North Quay RCC with Well foundation	-	1	-	-	1
Jafarabad	Intermediate	14.00	Clinkers jetty	-	1	-	-	1
			T Shape jetty	1	-	-	-	1
			Captive jetty	-	1	-	-	1
(a)Victor	Minor	11.60	Along side wharf(east)	1	-	-	-	1
			Along side wharf (west)	-	-	-	-	-
			LPG	-	-	-	1	1
Navalakhi	Intermediate	2.00	Jetty/wharf	2	2	-	-	4
Maadalla	Minor	15.00	RCC Jetty	-	11	-	-	11
			Wharf	-	2	-	-	2
Valsad	Minor	No Anchorage fixed	RCC Jetty	1	-	-	-	1
Kolak	Minor	No Anchorage fixed	RCC Fishing Jetty	1	-	-	-	1
Vansi Borsi	Minor	11.00	RCC Fishing Jetty	-	-	-	-	-
Onjal	Minor	11.00	RCC Fishing Jetty	1	-	-	-	1
Umergaon	Minor	No Anchorage fixed	RCC Jetty	-	1	-	-	1
Umarsadi	Minor	No Anchorage fixed	Fishing Jetty	1	-	-	-	1
Billimora	Minor	No Anchorage fixed	Wooden jetty	3	-	-	-	3
			RCC Jetty	1	-	-	-	1
Porbandar	Minor	12.00	Deep water Berth	-	-	-	1	1
Bedi	Intermediate	16.00	Block wharf	-	2	1	-	3
Mandvi	Minor	10.00	Wharf	-	2	-	-	2
			T type figure berth	-	-	-	4	4
			Barge Berth	-	-	-	1	1
Veraval	Intermediate Fair Weather port	13-14	Direct berth for small coaster with	-	1	-	-	1

Berthing Facilities Available at Non-Major Ports

(As on 31.3.2012)

Name of the Port	Intermediate/Minor	Max.Depth available at anchorage	Berth Type	No. of Berths by existing Draft					
				Below	2-4	4-6	6 meters	Total	
				2 meters	meters	meters	above		
1	2	3	4	5	6	7	8	9	
MAHARASHTRA									
Dahanu	Minor	Upto 12	Cargo jetty	1	-	-	-	-	1
Bassesin	Minor	4.00	Sloping jetty	-	2	-	-	-	2
Kalyan	Minor	-	Sloping jetty	-	3	-	-	-	3
Bhiwandi	Minor	4.00	Sloping jetty	-	3	-	-	-	3
Thane	Minor	-	Sloping jetty	1	-	-	-	-	1
Ulwa Belapur	Minor	4.00	Captive Jetty	-	4	-	-	-	4
Mora	Minor	2.00	Passenger Jetty	-	3	-	-	-	3
Karanja	Minor	2.00	Sloping jetty	2	-	-	-	-	2
Rewas	Minor	1.00	L Type Passenger Jetty	-	3	-	-	-	3
Mandwa	Minor	7.00	L Type Passenger Jetty	-	3	-	-	-	3
Dharamtar	Minor	3.00	T/ I/ Slopping Type	-	3	-	-	-	3
Trombay	Minor	2.00	Jetty cum Wharf	-	-	6	-	-	6
Elephanta	Minor	3.00	L Type Passenger Jetty	-	-	5	-	-	5
Table 1.10 (Contd...)	Minor	14-24	Cargo jetty	-	-	6	-	-	6
Murud	Minor	3.00	Passenger Jetty	2	-	-	-	-	2
Rajpuri	Minor	2.00	Passenger Jetty	-	2	-	-	-	2
Dighi	Minor	10-14	Cargo / Passenger	-	3	-	8	-	11
Shirwardhan	Minor	3.00	Passenger Jetty	2	-	-	-	-	2
Ratnagiri	Minor	15-18	T&I Type jetty	-	-	1	-	-	1
Jaigad	Minor	14.00	T Type Jetty	-	-	1	2	-	3
Borya	Minor	-	I Type Jetty	1	-	-	-	-	1
Palshet	Minor	-	L Type Jetty	1	-	-	-	-	1
Dabhol	Minor	15.00	T Type Jetty	-	-	1	-	-	1
Hamai	Minor	-	L Type Jetty	1	-	-	-	-	1
Kelsi	Minor	15.00	T Type Jetty	1	-	-	-	-	1
Bankot	Minor	3.00	T Type Jetty	1	-	1	-	-	2
Purnagad	Minor	-	-	1	-	-	-	-	1
Jaitapur	Minor	5.00	Steed Jetty	2	-	-	-	-	2
Vijaydurg	Minor	8.00	T Type Jetty	-	-	-	1	-	1
Deogad	Minor	4-5	-	-	1	-	-	-	1
Achara	Minor	4.00	-	3	1	-	-	-	4
Malwan	Minor	-	-	1	-	-	-	-	1
Niwati	Minor	-	-	2	1	-	-	-	3
Vengurla	Minor	5-6	-	1	-	-	-	-	1
Redi	Minor	10-12	-	-	2	-	-	-	2
Kiranpani	Minor	-	-	-	1	-	-	-	1

Berthing Facilities Available at Non-Major Ports

(As on 31.3.2012)

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	Along side berthing tanker and General cargo	-	1	-	1	2
Honavar	Minor	10.00	RCC piled jetty	-	1	-	-	1
Bhatkal	Minor	10.00	RCC piled jetty	-	1	-	-	1
Tadri	Minor	10.00	RCC piled jetty	-	1	-	-	1
Kundapur	Minor	8.00	RCC piled jetty	-	1	-	-	1
Belekeri	Minor	13.00	Loading Chute	-	1	-	-	1
Malpe	Minor	7.00	RCC piled jetty	-	1	-	-	1
Hangarkatta	Minor	6.00	RCC piled jetty	-	1	-	-	1
Padubidri	Minor	12.00	RCC piled jetty	-	-	-	-	-
Mangalore	Intermediate	12.00	RCC piled jetty	-	1	-	-	1
KERALA								
1. Koavalam/ Vizhinjam	Minor	12.00	Dry Break Bulk	-	-	1	1	2
2. Neendakara	Intermediate	13.00	Concrete wharf	1	-	-	-	1
3. Thalassery	Minor	12.00	-	-	-	-	-	-
3. Azhikkal	Minor	3.00	RCC Wharf	-	2	-	-	2
4. Kozhikode/Bey pore	Intermediate	20.00	RCC Wharf	-	1	-	-	1
5. Ponnani	Minor	10.00	Laterite stone	1	-	-	-	1
6. Alappuzha	Intermediate	12.00	-	-	-	-	-	-
7.Kannur	Minor	5.00	-	-	-	1	-	1
8.Kollam	Minor	10'-15	Cargo berth	-	-	-	1	1
9.Valtyathura	Minor	5'-10	Open sea	1	-	-	-	1
10.Munambam	Minor	6.00	-	-	-	-	-	-

Berthing Facilities Available at Non-Major Ports

(As on 31.3.2012)

Name of the Port	Intermediate/ Minor	Max.Depth available at anchorage	Berth Type	No. of Berths by existing Draft				
				Below 2 meters	2-4 meters	4-6 meters	6 meters above	Total
1	2	3	4	5	6	7	8	9
ANDHRA PRADESH								
Kakinada								
(a) Anchorage	Intermediate	-	-	-	-	-	-	-
(b) Deep water	Intermediate	15.00	Diaphragm wall, 610 Mts	-	-	-	3	3
			Piled jetty, 600 Mts	-	-	-	2	2
			Piled jetty, 720 Mts	-	-	-	4	4
Rawa	Minor	30.00	S.B.M. Operation	-	-	-	1	1
Krishnapattinam	Minor	22.00	-	-	-	-	8	8
Gangavaram	Minor	50.00	Multipurpose	-	-	-	5	5
TAMIL NADU								
Cuddalore	Intermediate	14.00	Open road stead Port	-	-	-	-	-
Cuddalore(Chemplast jetty)	Intermediate	14.00	Island jetty	-	-	-	1	1
Nagapattinam	Anchorage	Berthig a wharf to a length of 250 meters is available	Open road stead Port.	-	1	-	-	1
Rameshwaram	Minor	5.00	Open Road Stead	-	-	-	-	-
Pamban	Minor	7.00	-	-	-	-	-	-
Colachel	Minor	16.00	Rcc Jetty	-	1	-	-	1
Valinokkam	Minor	12.00	-	-	-	-	-	-
Kanyakumari	Minor	10.00	L shape jetty	1	-	-	-	1
Ennore	Minor	15.00	Four point mooring system	-	-	-	-	-
Kattupalli	Minor	19.00	Container Berths	-	-	-	2	2
Tirukkadaiyur	Minor	15.50	S P M System	-	-	-	1	1
Kuddnkulam	Minor	11.00	Lo Lo & Ro Ro jetty	-	2	-	-	2
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	25.00	Plateform wharf	-	-	-	1	1
Daman	Minor	9.15	1. RCC jetty at Nani Daman	-	-	1	-	1
PONDICHERRY								
Pondicherry	Minor	4.50	1) RCS pier	-	-	1	-	1
		3.00	2) Cargo quay	-	1	-	-	1
Karaikal MTF	Minor	8.50	R.C.S pier	-	-	-	1	1
Karaikal LTD	Minor	14.00	Quay	-	-	-	5	5

Source : State / UT Maritime Boards

Table 1.11

Equipment Available at Various Non-Major Ports (As on 31.3.2012)

(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											
2010-11	7	4	1	36	2	2	1	8	-	-	-
2011-12	10	1	1	3	1	6	1	4	11	-	-
MAHARASHTRA											
2010-11	1	-	-	-	1	2	-	3	2	-	-
2011-12	-	-	-	-	-	-	-	-	-	-	-
GOA											
Panaji											
2010-11	1	-	-	-	-	1	-	2	1	-	-
2011-12	1	-	-	-	-	1	-	2	1	-	-
ANDHRA PRADESH											
Kakinada Anchorage Port											
2010-11	2	-	-	-	7	1	-	10	6	-	-
2011-12	2	-	-	-	5	-	-	1	2	-	-
Kakinada Deep Water Port											
2010-11	-	2	-	-	-	-	-	-	4	-	10
2011-12	-	2	-	9	-	-	-	-	5	-	10
Krishnapatnam											
2010-11	-	-	2	-	2	-	-	2	3	-	-
2011-12	-	-	-	10	1	-	-	2	4	-	-
Gangavaram											
2010-11	-	-	-	-	-	-	-	-	-	-	-
2011-12	-	-	-	2	-	-	-	3	3	-	-
TAMIL NADU											
Nagapattinam											
2010-11	-	-	-	-	6	1	-	-	-	-	-
2011-12	1	-	-	-	-	-	-	1	-	-	-
Kanyakumari											
2010-11	-	-	-	-	-	-	-	3	1	-	-
2011-12	1	-	-	-	-	-	-	3	1	-	-
Kattupalli											
2010-11	-	-	-	-	-	-	-	-	-	-	-
2011-12	-	-	-	21	-	-	-	1	2	-	-
KERALA											
Neendakara											
2010-11	1	-	-	-	-	4	-	-	1	-	-
2011-12	1	-	-	-	-	4	-	-	1	-	-
Kozhikode/Beypor											
2010-11	-	5	-	2	-	-	-	-	3	-	-
2011-12	-	5	-	3	-	-	-	-	3	-	-
Kovalam-Vizhinjam											
2010-11	-	-	-	-	-	-	-	-	-	-	-
2011-12	-	1	-	-	-	-	-	-	-	-	-

Table 1.11

Equipment Available at Various Non-Major Ports (As on 31.3.2012)

(Nos.)

State/Port/ Year	Dredgers	Cranes			Barges			Launches	Tugs	Pablos	Fork Lifts
		Upto 5 tons	6-10 tons	Above 10 tons	Dumb	Self- Propelled	Water Barges				
1	2	3	4	5	6	7	8	9	10	11	12
DIU											
2010-11	-	-	-	-	-	-	-	2	-	-	-
2011-12	-	-	-	2	-	-	-	2	-	-	-
PUDUCHERRY											
2010-11	2	-	-	-	-	-	-	1	-	-	-
2011-12	2	-	-	-	-	-	-	1	-	-	-
GOA											
Panaji											
2010-11	1	-	-	-	-	1	-	2	1	-	-
2011-12	1	-	-	-	-	1	-	2	1	-	-
Orissa											
Gopalpur											
2010-11	1	-	4	-	4	8	-	3	-	-	-
2011-12	-	-	-	-	-	-	-	-	-	-	-
ANDAMAN & NICOBAR ISLAND											
Port Blair											
2010-11	2	-	6	3	6	-	-	3	3	-	16
2011-12	2	-	6	5	3	-	-	3	2	-	16
Mayabunder											
2010-11	-	-	2	-	-	-	-	-	-	-	2
2011-12	-	-	2	-	-	-	-	-	-	-	2
Diglipur											
2010-11	-	-	1	-	-	-	-	-	-	-	-
2011-12	-	-	1	-	-	-	-	-	-	-	-
Car Nicobar											
2010-11	-	-	2	3	2	-	-	-	-	-	2
2011-12	-	-	2	3	-	-	-	-	-	-	3
Hut Bay											
2010-11	-	-	-	3	2	-	-	-	-	-	2
2011-12	-	-	-	3	-	-	-	-	-	-	2
Nancowry											
2010-11	-	-	-	1	-	-	-	-	-	-	4
2011-12	-	-	-	1	-	-	-	-	-	-	4
Compbell											
2010-11	2	-	-	3	-	-	-	-	-	-	3
2011-12	-	-	-	3	-	-	-	-	-	-	3
Rangat											
2010-11	-	-	-	1	-	-	-	-	-	-	1
2011-12	-	-	-	1	-	-	-	-	-	-	1

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

No departmental Tug available.

Source : State / UT Maritime Boards

Table 1.12

**State-Wise Navigational Aids Maintained By Department
of Light-Houses and Light-Ships (As on 31.3.2012)** (Number)

Maritime States/Uts	General Light house	Light buoy	VHF/HF RT set.	Racons	Light Vessel	Launches	Light House Tender	DGPS
1	2	3	4	5	6	7	8	9
Gujarat	48	21	-	19	1	-	1	4
Maharashtra	19	-	-	11	-	-	-	2
Goa, Daman & Diu	2	-	-	1	-	-	-	1
Karnataka	8	-	2	-	-	-	-	1
Kerala	15	-	2	5	-	-	1	1
Tamilnadu	19	-	11	9	-	-	-	4
Puducherry	1	-	1	1	-	-	-	1
Andhra Pradesh	16	-	5	5	-	-	-	3
Orissa	6	-	4	2	-	-	-	1
West Bengal	2	-	3	1	-	-	-	1
Andaman & Nicobar Islands	31	-	1	5	-	-	1	3
Lakshadweep	16	-	2	5	-	-	-	1
Total	183	21	31	64	1	-	3	23

Source : Directorate General of Light Houses & Light Ships.

SECTION – II

2. CURRENT PORT STATISTICS

2.1 MAJOR PORTS

2.2 NON-MAJOR PORTS

Table 2.1.1

Traffic Handled At Major Ports in India -2011-12

(In '000 Tonnes)

Port	Overseas				Coastal				Overseas & Coastal			
	Un-Loaded	Loaded	Transh- ipment	Total	Un-Loaded	Loaded	Transh- ipment	Total	Un-Loaded	Loaded	Transh- ipment	Total
1	2	3	4	5	6	7	8	9	10	11	12	13
Kandla	56065	15987	309	72361	4038	6102	0	10140	60103	22089	309	82501
Mumbai	28534	5108	8287	41929	2336	3017	8904	14257	30870	8125	17191	56186
J.L. Nehru	31206	28695	795	60696	1545	3357	132	5034	32751	32052	927	65730
Mormugao	8312	29602	0	37914	820	315	0	1135	9132	29917	0	39049
New Mangalore	20276	6751	0	27027	3408	2506	0	5914	23684	9257	0	32941
Cochin	10407	2581	312	13300	5194	1561	35	6790	15601	4142	347	20090
Tuticorin	12721	7948	683	21352	6157	596	0	6753	18878	8544	683	28105
Chennai	32867	18281	0	51148	3948	611	0	4559	36815	18892	0	55707
Ennore	5457	1244	0	6701	8255	0	0	8255	13712	1244	0	14956
Visakha- patnam	31107	11633	2013	44753	5423	14933	2311	22667	36530	26566	4324	67420
Paradip	33788	7507	2	41297	2201	10754	2	12957	35989	18261	4	54254
Haldia Dock Complex	18040	6467	0	24507	2925	3583	0	6508	20965	10050	0	31015
Kolkata Dock System	5716	4502	1112	11330	634	269	0	903	6350	4771	1112	12233
All Ports	294496	146306	13513	454315	46884	47604	11384	105872	341380	193910	24897	560187

Source : Major Ports

**Table 2.1.2 Traffic Handled At Major Ports
by Selected Commodities - 2011-12**

('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	46938	991	5297	761	1291	4225	2791	168	20207	82501
Mumbai	30611	0	230	174	894	4622	551	56	19104	56186
J.L.Nehru	4845	0	4	0	19	-	58233	4317	2629	65730
Mormugao	923	29370	93	0	0	6832	279	22	1552	39049
New Mangalore	22245	3036	804	21	58	4022	645	45	2110	32941
Cochin	14084	0	115	315	0	34	4715	337	827	20090
Tuticorin	630	33	1134	891	307	6050	9227	477	9833	28105
Chennai	13290	97	394	249	190	961	30076	1555	10450	55707
Ennore	502	0	0	0	0	13111	0	0	1343	14956
Visakhapatnam	17428	16243	3719	832	517	10063	4213	234	14405	67420
Paradip	15091	6556	236	4547	0	21563	109	8	6152	54254
Haldia Dock Complex	6582	3943	182	337	3	7285	2619	115	10064	31015
Kolkata Dock System	682	450	14	55	0	8	6818	317	4206	12233
All Ports	173851	60719	12222	8182	3279	78776	120276	7651	102882	560187

*: Thermal Coal & Coking Coal
Source: Major Ports

Table 2.1.3

**Traffic Handled - Port-wise and Principal Commodity-wise -
2009-10, 2010-11 & 2011-12**

('000 Tonnes) Kolkata Dock System

Commodity	2009-10						2010-11						2011-12					
	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	19	40	59	588	77	665	79	98	177	619	82	701	42	76	118	524	40	564
Fertiliser	2	0	2	0	0	0	31	0	31	0	0	0	14	0	14	0	0	0
FRM - Dry	45	0	45	0	0	0	31	0	31	0	0	0	55	0	55	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	11	0	11	0	0	0	0	0	0	0	0	0
Iron & Steel	138	70	208	4	1	5	88	18	106	6	0	6	67	21	88	0	0	0
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar	199	0	199	0	0	0	45	14	59	0	0	0	0	0	0	0	0	0
Veg. Oil	542	0	542	0	0	0	646	0	646	0	0	0	628	0	628	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	16	0	16	0	0	0	97	0	97	0	0	0	8	0	8	0	0	0
Thermal Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cement	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron Ore/Pellets	557	252	809	1	0	1	0	827	827	0	0	0	0	450	450	0	0	0
Table 2.1.3	273	0	273	0	0	0	162	0	162	0	0	0	30	0	30	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	86	0	86	61		61	54	0	54	80	0	80	59	0	59	63	0	63
Others	5681	4110	9791	54	226	280	5258	4049	9307	51	194	245	5466	4414	9880	47	229	276
Total	7561	4472	12033	708	304	1012	6502	5006	11508	756	276	1032	6369	4961	11330	634	269	903

**Traffic Handled - Port-wise and Principal Commodity-wise -
2009-10, 2010-11 & 2011-12**

('000 Tonnes)

Maldia Dock Complex

Commodity	2009-10						2010-11						2011-12					
	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	3037	0	3037	1657	0	1657	2675	0	2675	1733	0	1733	849	0	849	1311	0	1311
POL Products	1578	118	1696	1892	1022	2914	2520	559	3079	2195	924	3119	897	690	1587	1598	1237	2835
Fertiliser	178	0	178	0	0	0	273	0	273	0	0	0	182	0	182	0	0	0
FRM - Dry	117	0	117	0	0	0	186	0	186	0	0	0	337	0	337	0	0	0
FRM - Liquid	479	0	479	0	0	0	403	0	403	8	0	8	431	0	431	0	0	0
Food Grains	10	0	10	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0
Iron & Steel	166	77	243	0	0	0	133	10	143	0	0	0	71	0	71	0	0	0
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Table 2.1.3 (Contd...)	669	0	669	0	0	0	282	30	312	0	0	0	20	0	20	0	0	0
Veg. Oil	920	0	920	0	0	0	1016	0	1016	0	0	0	1185	6	1191	0	0	0
Salt	0	0	0	17	0	17	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	6059	0	6059	0	0	0	6010	0	6010	0	0	0	4939	0	4939	0	0	0
Thermal Coal	0	0	0	0	1489	1489	0	0	0	0	2173	2173	0	0	0	0	2346	2346
Cement	42	0	42	0	0	0	48	0	48	0	0	0	0	0	0	0	0	0
Iron Ore/Pellets	0	7678	7678	0	0	0	0	5952	5952	0	0	0	0	3943	3943	0	0	0
Other Ore	322	0	322	0	0	0	665	0	665	0	0	0	1116	0	1116	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	720	82	802	0	0	0	3051	198	3249	89	3	92	2197	162	2359	16	0	16
Others	3719	1330	5049	0	0	0	1970	1899	3869	0	0	0	5816	1663	7479	0	0	0
Total	18016	9285	27301	3566	2511	6077	19232	8648	27880	4025	3100	7125	18040	6467	24507	2925	3583	6508

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

b

2009-10, 2010-11 & 2011-12

Commodity	('000 Tonnes)																		Paradip
	2009-10						2010-11						2011-12						
	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	8667	0	8667	315	0	315	10118	0	10118	69	0	69	12718	0	12718	577	0	577	
POL Products	739	0	739	1202	724	1926	940	0	940	1119	599	1718	316	0	316	1245	235	1480	
Fertiliser	81	0	81	0	0	0	136	0	136	0	0	0	236	0	236	0	0	0	
Table 2.1.3 (Contd...)	3486	0	3486	0	0	0	4226	0	4226	0	0	0	4547	0	4547	0	0	0	
FRM - Liquid	1401	0	1401	146	75	221	1330	0	1330	228	144	372	1423	0	1423	155	195	350	
Food Grains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Iron & Steel	4	0	4	0	0	0	83	0	83	148	0	148	223	3	226	13	0	13	
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	623	623	0	3	3	0	0	0	0	3	3	
Veg. Oil	38	0	38	0	0	0	78	0	78	0	0	0	59	0	59	7	0	7	
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Coking Coal	4995	0	4995	0	8	8	5945	0	5945	0	115	115	5101	0	5101	0	58	58	
Thermal Coal	4992	67	5059	0	9758	9758	4450	0	4450	0	8830	8830	6347	0	6347	0	10057	10057	
Cement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Iron Ore/Pellets	18	16111	16129	3	27	30	0	13795	13795	0	0	0	5	6551	6556	0	0	0	
Other Ore	999	637	1636	0	0	0	236	488	724	0	0	0	140	473	613	0	12	12	
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	2089	391	2480	0	38	38	2116	89	2205	0	130	130	2675	480	3155	206	194	400	
Total	27509	17206	44715	1666	10630	12296	29658	14995	44653	1564	9821	11385	33790	7507	41297	2203	10754	12957	

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

2009-10, 2010-11 & 2011-12

('000 Tonnes)

Visakhapatnam

Table 2.1.3 (Contd...)	2009-10						2010-11						2011-12					
	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	8995	0	8995	1591	1698	3289	8091	0	8091	2270	2220	4490	8399	0	8399	1844	1518	3362
POL Products	1224	1304	2528	1978	1501	3479	1925	758	2683	2039	1939	3978	801	938	1739	2008	1920	3928
Fertiliser	2909	0	2909	0	0	0	3268	0	3268	0	0	0	3719	0	3719	0	0	0
FRM - Dry	775	0	775	0	0	0	811	0	811	0	0	0	832	0	832	0	0	0
FRM - Liquid	596	0	596	44		44	458	0	458	128	0	128	579	0	579	94	0	94
Food Grains	94	95	189	0	37	37	119	51	170	0	33	33	126	353	479	0	38	38
Iron & Steel	67	274	341	0	18	18	24	510	347	0	3	3	63	580	643	0	20	20
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	32	0	32	0	0	0
Sugar	45	0	45	0	5	5	7	12	19	0	5	5	0	0	0	0	4	4
Veg. Oil	0	0	0	0	0	0	53	48	101	0	19	19	6	0	6	0	0	0
Salt	0	0	0	0	0	0	0	0	0	89	0	89	0	0	0	160	0	160
Coking Coal	7436	0	7436	0	515	515	7344	0	7344	0	582	582	6780	0	6780	0	94	94
Thermal Coal	55	0	55	4	3712	3716	0	0	0	0	3538	3538	0	0	0	0	3189	3189
Cement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Iron Ore/Pellets	91	10494	10585	744	7615	8359	109	9954	10063	122	9162	9284	0	6324	6324	89	9830	9919
Other Ore	252	141	393	684	0	684	784	144	928	417	0	417	740	116	856	852	39	891
Tanned Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Table 2.1.3 (Contd...)	0	0	0	0	0	0	0	0	0	0	0	0	560	32	592	179	16	195
Others	7642	2548	10190	251	67	318	7771	2750	10521	299	185	484	10483	3290	13773	345	427	772
Total	30181	14856	45037	5296	15168	20464	30764	14227	44991	5364	17686	23050	33120	11633	44753	5571	17096	22667

**Traffic Handled - Port-wise and Principal Commodity-wise -
2009-10, 2010-11 & 2011-12**

('000 Tonnes)

Ennore

Commodity	2009-10						2010-11						2011-12					
	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	330	0	330	65	0	65	325	0	325	184	0	184	322	0	322	180	0	180
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	10	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Table 2.1.3 (Contd...)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thermal Coal	890	0	890	8389	0	8389	1540	0	1540	7725	0	7725	4571	0	4571	8075	0	8075
Cement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron Ore/Pellets	0	936	936	0	0	0	0	401	401	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	83	0	83	0	0	0	80	0	80	0	0	0	96	0	96	0	0	0
Others	0	0	0	0	0	0	0	651	651	0	0	0	3	1244	1247	0	0	0
Total	1313	936	2249	8454	0	8454	2048	1052	3100	7909	0	7909	5457	1244	6701	8255	0	8255

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

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

2009-10, 2010-11 & 2011-12

('000 Tonnes)

Chennai

Commodity	2009-10						2010-11						2011-12					
	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	8497	0	8497	1390	0	1390	8967	0	8967	1064	0	1064	8337	0	8337	1478	0	1478
POL Products	627	781	1408	1404	622	2026	620	1168	1788	1374	798	2172	395	917	1312	1607	556	2163
Fertiliser	357	0	357	0	0	0	434	0	434	0	0	0	394	0	394	0	0	0
Table 2.1.3 (Contd...)	254	0	254	0	0	0	337	0	337	0	0	0	249	0	249	0	0	0
	11	0	11	0	0	0	8	0	8	0	0	0	37	0	37	0	0	0
Food Grains	0	0	0	0	0	0	9	77	86	0	0	0	0	190	190	0	0	0
Iron & Steel	532	69	601	53	2	55	825	13	838	42	0	42	963	0	963	43	1	44
Iron Scrap	305	41	346	0	0	0	187	116	303	0	0	0	178	162	340	0	0	0
Sugar	517	0	517	0	0	0	272	61	333	0	0	0	0	112	112	0	0	0
Veg. Oil	1080	0	1080	0	0	0	1069	0	1069	0	8	8	1122	0	1122	0	3	3
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	1790	0	1790	0	0	0	606	0	606	0	0	0	351	0	351	0	0	0
Thermal Coal	0	0	0	1269	0	1269	0	0	0	1417	0	1417	0	0	0	610	0	610
Cement	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0
Iron Ore/Pellets	0	8027	8027	0	0	0	0	2114	2114	0	0	0	46	51	97	0	0	0
Other Ore	7	841	848	0	0	0	2	582	584	0	0	0	0	563	563	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	49	0	49	109	0	109	60	0	60	121	0	121	7	0	7	164	0	164
Others	19849	12460	32309	14	96	110	22891	16047	38938	20	151	171	20788	16286	37074	46	51	97
Total	33875	22219	56094	4239	724	4963	36287	20178	56465	4038	957	4995	32867	18281	51148	3948	611	4559

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

2009-10, 2010-11 & 2011-12

('000 Tonnes)

Tuticorin

Commodity	2009-10						2010-11						2011-12					
	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	264	0	264	250	0	250	262	0	262	479	0	479	52	0	52	578	0	578
Fertiliser	1221	0	1221	0	0	0	1159	12	1171	0	0	0	1111	23	1134	0	0	0
FRM - Dry	860	0	860	0	0	0	730	0	730	0	0	0	891	0	891	0	0	0
FRM - Liquid	43	113	156	0	149	149	81	40	121	0	167	167	123	26	149	0	94	94
Food Grains	0	150	150	0	0	0	42	38	80	0	0	0	0	297	297	0	10	10
Iron & Steel	0	1	1	87	0	87	0	4	4	182	0	182	0	6	6	274	0	274
Iron Scrap	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1	0	0	0
Sugar	612	3	615	0	0	0	206	136	342	0	0	0	0	176	176	0	0	0
Veg. Oil	225	0	225	0	0	0	241	0	241	0	0	0	245	4	249	0	0	0
Salt	0	0	0	0	0	0	0	271	271	0	0	0	28	110	138	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	1095	0	1095	4508	0	4508	1061	0	1061	4288	0	4288	1380	0	1380	4670	0	4670
Cement	0	15	15	0	0	0	0	33	33	0	0	0	0	35	35	0	0	0
Iron Ore/Pellets	0	41	41	0	0	0	0	64	64	0	0	0	0	33	33	0	0	0
Other Ore	1183	226	1409	0	2	2	1322	371	1693	0	0	0	1167	260	1427	0	0	0
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	87	332	419	0	0	0	86	54	140	0	292	292
Others	7367	3865	11232	937	570	1507	7514	5284	12798	739	581	1320	8320	6924	15244	635	200	835
Total	12870	4414	17284	5782	721	6503	12706	6585	19291	5688	748	6436	13404	7948	21352	6157	596	6753

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

2009-10, 2010-11 & 2011-12

('000 Tonnes)

Cochin

Commodity	2009-10						2010-11						2011-12					
	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	5928	0	5928	2363	118	2481	6708	0	6708	2053	102	2155	7570	0	7570	2230	227	2457
POL Products	986	782	1768	1049	712	1761	509	986	1495	1031	732	1763	465	1122	1587	1363	1107	2470
Fertiliser	135	0	135	0	0	0	76	0	76	0	0	0	115	0	115	0	0	0
FRM - Dry	211	0	211	0	0	0	353	0	353	0	0	0	315	0	315	0	0	0
FRM - Liquid	240	0	240	38	0	38	171	0	171	20	0	20	123	0	123	9	0	9
Food Grains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron & Steel	15	0	15	7	0	7	0	0	0	0	0	0	0	0	0	0	0	0
Iron Scrap	82	0	82	0	0	0	181	0	181	0	0	0	27	0	27	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
Table 2.1.3 (Contd...)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thermal Coal	148	0	148	0	0	0	40	0	40	0	0	0	34	0	34	0	0	0
Cement	0	0	0	110	0	110	0	0	0	259	0	259	0	0	0	350	0	350
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	27	118	145	0	28	28	12	196	208	0	0	0	0	115	115	0	0	0
Chemicals	84	0	84	4	0	4	23	3	26	0	0	0	22	16	38	0	0	0
Others	1714	1414	3128	693	423	1116	2153	1739	3892	371	155	526	1892	1484	3376	1260	244	1504
Total	9570	2314	11884	4264	1281	5545	10226	2924	13150	3734	989	4723	10563	2737	13300	5212	1578	6790

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

2009-10, 2010-11 & 2011-12

('000 Tonnes)

New Mangalore

Commodity	2009-10						2010-11						2011-21					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
POL Crude	10870	0	10870	1884	0	1884	10462	0	10462	1931	0	1931	11467	0	11467	1614	0	1614
POL Products	1047	4190	5237	945	2403	3348	1835	4845	6680	580	1898	2478	2285	5453	7738	236	1190	1426
Fertiliser	820	0	820	0	0	0	784	0	784	0	0	0	804	0	804	0	0	0
Food Grains	0	161	161	0	0	0	0	116	116	0	0	0	0	58	58	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	590	0	590	0	0	0	564	8	572	0	9	9	635	13	648	0	11	11
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	2791	0	2791	0	19	19	2746	26	2772	84	0	84	4005	0	4005	17	0	17
Thermal Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cement	0	0	0	312	0	312	0	0	0	243	0	243	0	0	0	254	0	254
Iron Ore/Pellets	0	5759	5759	346	957	1303	0	1889	1889	629	1226	1855	0	649	649	1170	1217	2387
Other Ore	0	0	0	0	15	15	85	0	85	0	0	0	188	0	188	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	43	129	172	36	0	36	55	62	117	9	0	9	55	152	207	1	0	1
Others	1533	269	1802	60	57	117	755	359	1114	67	46	113	630	426	1056	112	88	200
Total	17976	10508	28484	3593	3451	7044	17515	7305	24820	3551	3179	6730	20276	6751	27027	3408	2506	5914

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

2009-10, 2010-11 & 2011-12

('000 Tonnes)

Mormugao

Commodity	2009-10						2010-11						2011-12					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
	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	249	0	249	715	0	715	286	0	286	653	0	653	227	0	227	696	0	696
Fertiliser	125	0	125	0	0	0	232	0	232	0	0	0	93	0	93	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	448	0	448	37	0	37	386	0	386	8	0	8	316	0	316	18	0	18
Foodgrain	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron & Steel	2	174	176	0	134	134	0	20	20	0	46	46	0	105	105	3	14	17
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar	126	0	126	0	0	0	50	0	50	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	3759	0	3759	0	29	29	4923	0	4923	10	0	10	5639	0	5639	30	0	30
Thermal Coal	953	0	953	0	0	0	1633	0	1633	0	0	0	1163	0	1163	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	40036	40036	254	284	538	55	40083	40138	221	266	487	99	28932	29031	62	277	339
Other Ore	0	105	105	0	0	0	0	25	25	0	0	0	0	0	0	0	0	0
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemicals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	1208	114	1322	16	79	95	728	419	1147	15	1		775	565	1340	11	24	35
	6870	40429	47299	1022	526	1548	8293	40547	48840	907	313	1220	8312	29602	37914	820	315	1135

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

2009-10, 2010-11 & 2011-12

('000 Tonnes)

J. L. Nehru

Commodity	2009-10						2010-11						2011-12					
	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	268	733	1001	953	2962	3915	299	663	962	1113	2968	4081	306	667	973	660	3212	3872
Fertiliser	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	0	0	0
FRM - Dry	0	0	0	0	0	0	8	0	8	862	0	862	0	0	0	0	0	0
FRM - Liquid	0	0	0	0	0	0	59	0	59	0	0	0	80	0	80	0	0	0
Food Grains	0	0	0	0	0	0	0	0	0	0	0	0	19	0	19	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	847	0	847	0	0	0	843	0	843	0	0	0	995	0	995	0	8	8
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	1020	0	1020	9	0	9	0	0	0	9	0	9	685	0	685
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	735	50	785	56	0	56	635	46	681	15	0	15	525	26	551	7	0	7
Others	28219	24294	52513	284	342	626	29227	26815	56042	344	411	755	29713	28352	58065	219	243	462
Total	30069	25077	55146	2313	3304	5617	31080	27524	58604	2334	3379	5713	31647	29049	60696	1571	3463	5034

**Traffic Handled - Port-wise and Principal Commodity-wise -
2009-10, 2010-11 & 2011-12**

('000 Tonnes)

Mumbai

Commodity	2009-10						2010-11						2011-12					
	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	12782	0	12782	8155	3180	11335	12380	0	12380	6455	2977	9432	14492	0	14492	6073	2731	8804
POL Products	2495	2725	5220	4637	564	5201	3017	2893	5910	4796	472	5268	1390	1160	2550	4479	286	4765
Fertiliser	201	0	201	0	0	0	155	0	155	0	0	0	230	0	230	0	0	0
FRM - Dry	241	0	241	0	0	0	300	0	300	0	0	0	174	0	174	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	561	17	578	0	0	0	743	0	743	2	0	2	849	45	894	0	0	0
Iron & Steel	3404	623	4027	545	0	545	4042	364	4406	240	0	240	3359	572	3931	424	0	424
Iron Scrap	0	0	0	13	0	13	0	0	0	0	0	0	0	0	0	0	0	0
Sugar	37	0	37	0	0	0	12	12	24	0	0	0	0	162	162	0	0	0
Veg. Oil	418	27	445	0	0	0	191	0	191	0	0	0	192	7	199	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	3815	0	3815	0	0	0	6368	0	6368	0	0	0	4622	0	4622	0	0	0
Cement	12	0	0	101	0	101	27	0	27	132	0	132	0	0	0	170	0	170
Iron Ore/Pellets	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Ore	106	0	106	0	0	0	137	0	137	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	22	19	41	0	0	0	51	7	58	0	0	0	0	0	0	0	0	0
Others	9097	560	9657	184	0	184	7302	1334	8627	186	0	186	11228	3447	14675	94	0	94
Total	33191	3971	37162	13635	3744	17379	34716	4610	39326	11811	3449	15260	36536	5393	41929	11240	3017	14257

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.

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

Commodity	2009-10, 2010-11 & 2011-12																		Kandla
	2009-10						2010-11						2011-12						
	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	33535	0	33535	2842	0	2842	34246	0	34246	2164	0	2164	33605	0	33605	2157	0	2157	
POL Products	661	4981	5642	706	4245	4951	1020	6145	7165	864	3987	4851	881	5636	6517	759	3900	4659	
Fertiliser	4912	0	4912	0	0	0	5807	0	5807	0	0	0	5297	0	5297	0	0	0	
FRM - Dry	788	0	788	0	0	0	583	0	583	0	0	0	761	0	761	0	0	0	
FRM - Liquid	1728		1728	86	0	86	1443	0	1443	136	0	136	1521	0	1521	157	0	157	
Food Grains	0	632	632	0	0	0	5	669	674	0	0	0	0	1291	1291	0	0	0	
Iron & Steel	1278	19	1297	66	22	88	1381	5	1386	52	40	92	840	28	868	26	136	162	
Iron Scrap	505	0	505	0	0	0	126	0	126	0	0	0	4	0	4	0	0	0	
Sugar	1571	0	1571	0	0	0	300	388	688	0	0	0	99	352	451	0	0	0	
Veg. Oil	618	0	618	0	0	0	616	13	629	0	0	0	0	0	0	0	0	0	
Salt	0	0	0	0	0	0	0	0	0	0	152	152	0	0	0	0	0	0	
Coking Coal	929	0	929	0	0	0	410	0	410	0	0	0	156	0	156	5	0	5	
Thermal Coal	2296	0	2296	0	0	0	3082	0	3082	0	0	0	4049	0	4049	15	0	15	
Cement	0	193	193	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Iron Ore/Pellets	442	0	442	219	0	219	411	192	603	214	0	214	595	0	595	396	0	396	
Other Ore	5	394	399	0	16	16	10	258	268	0	6	6	38	232	270	0	271	271	
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Chemicals	4233	344	4577	12	478	490	3900	298	4198	5	356	361	4288	250	4538	0	36	36	
Others	4004	5267	9271	457	1016	1473	3945	7290	11235	521	840	1361	4240	8198	12438	523	1759	2282	
Total	57505	11830	69335	4388	5777	10165	57285	15258	72543	3956	5381	9337	56374	15987	72361	4038	6102	10140	

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

2009-10, 2010-11 & 2011-12

('000 Tonnes)

All Ports

Commodity	2009-10						2010-11						2011-12					
	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	92311	0	92311	20197	4996	25193	93647	0	93647	17739	5299	23038	97437	0	97437	17284	4476	21760
POL Products	10487	15654	26141	16384	14832	31216	13637	18115	31752	17046	14399	31445	8379	16659	25038	15933	13683	29616
Fertiliser	10941	0	10941	0	0	0	12355	12	12367	0	0	0	12195	27	12222	0	0	0
FRM - Dry	6790	0	6790	0	0	0	7569	0	7569	862	0	862	8182	0	8182	0	0	0
FRM - Liquid	5215	113	5328	361	224	585	4564	40	4604	536	311	847	4819	26	4845	437	289	726
Food Grains	665	1055	1720	0	37	37	929	951	1880	2	33	35	994	2237	3231	0	48	48
Iron & Steel	5606	1307	6913	762	177	939	6576	944	7333	670	89	759	5586	1315	6901	783	171	954
Iron Scrap	892	41	933	13	0	13	495	116	611	0	0	0	242	162	404	0	0	0
Sugar	3776	3	3779	0	5	5	1174	1276	2450	0	8	8	119	802	921	0	7	7
Veg. Oil	5288	27	5315	0	0	0	5317	69	5386	0	36	36	5067	30	5097	7	22	29
Salt	0	0	0	17	0	17	0	271	271	89	152	241	28	110	138	160	0	160
Coking Coal	27775	0	27775	0	571	571	28184	26	28210	94	697	791	27444	0	27444	52	152	204
Thermal Coal	14244	67	14311	14170	14959	29129	18174	0	18174	13430	14541	27971	22166	0	22166	13370	15592	28962
Cement	57	208	253	1543	4	1547	84	33	117	634	0	634	9	35	44	1459	1	1460
Iron Ore/Pellets	1108	89334	90442	1567	8883	10450	575	75271	75846	1186	10654	11840	745	46933	47678	1717	11324	13041
Other Ore	3147	2344	5491	684	33	717	3403	1868	5271	417	6	423	3419	1644	5063	852	322	1174
Tea and Coffee	27	118	145	0	28	28	12	196	208	0	0	0	0	115	115	0	0	0
Chemicals	6055	624	6679	278	478	756	7996	946	8942	319	359	678	7895	692	8587	430	344	774
Others	92122	56622	148744	2950	2914	5864	91630	68725	160346	2613	2694	5291	102029	76773	178802	3498	3459	6957
Total	286506	167517	454023	58926	48141	107067	296312	168859	465171	55637	49278	104915	306755	147560	454315	55982	49890	105872

Source: Major Ports.

Table 2.1.4

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

Port	2009-10 (%)			2010-11 (%)			2011-12 (%)		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
MAJOR PORTS	5.6	14.0	10.9	11.7	10.5	11.3	15.3	12.7	14.5
Kandla	1.9	10.5	9.0	10.6	3.4	9.1	17.0	4.7	14.3
Mumbai	24.7	4.9	22.6	20.7	3.6	18.7	23.1	2.4	20.4
J.N.P.T.	3.6	3.9	3.8	1.0	1.0	1.0	1.0	1.2	1.1
Mormugao	4.6	8.5	8.0	22.1	31.1	29.6	41.9	47.4	46.2
N.Mangalore	38.8	7.2	27.1	23.5	6.9	18.6	40.8	1.9	31.1
Cochin	21.0	36.6	22.9	6.5	1.4	5.4	13.0	24.3	15.3
Tuticorin	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.2
Chennai	9.3	4.1	7.2	8.7	2.2	6.4	12.8	1.7	8.8
Vizag	23.0	3.6	16.6	20.3	5.5	15.7	21.7	4.8	17.3
Paradip	6.1	5.8	6.0	4.1	4.7	4.3	4.5	2.4	4.1
Haldia Dock Complex	19.8	5.5	14.9	17.7	3.3	13.2	11.2	3.8	9.2
Kolkata Dock System	1.3	0.8	1.1	6.4	26.5	15.2	6.6	26.7	15.4
Ennore	0.0	0.0	0.0	3.4	3.8	3.5	3.6	0.0	3.0
NON-MAJOR PORTS	1.8	3.6	2.8	1.8	2.9	2.2	4.8	3.1	5.4
All Ports	10.9	4.6	8.1	8.0	7.8	8.0	11.3	8.7	10.9

Table 2.1.5

**Container Traffic Handled at Major Ports - Type-Wise -
2009-10 , 2010-11&2011-12**

(Nos.)

Type	KANDLA			MUMBAI			JAWAHARLAL NEHRU		
	2009-10	2010-11	2011-12	2009-10	2010-11	2011-12	2009-10	2010-11	2011-12
1	2	3	4	5	6	7	8	9	10
IMPORT	79049	86883	92159	43839	53914	45152	2066147	2154196	2165442
20'	51607	58531	66891	18447	22934	18860	933773	921544	953678
40'	13721	14176	12634	12696	15490	13146	566187	616326	605882
Stuffed	53455	52996	48561	38215	46400	39702	1866192	1961063	1898436
20'	27437	26384	26077	14941	18394	14888	876494	880433	877324
40'	13009	13306	11242	11637	14003	12407	494849	540315	510556
Empty	25594	33887	43598	5624	7514	5450	199955	193133	267006
20'	24170	32147	40814	3506	4540	3972	57279	41111	76354
40'	712	870	1392	1059	1487	739	71338	76011	95326
EXPORT	67723	73150	75540	4886	4142	2529	1970563	2062762	2077792
20'	46025	52214	59950	2918	2352	1153	896659	905536	885288
40'	10849	10468	7795	984	895	688	536952	578613	596252
Stuffed	61670	66606	71537	3118	3329	2257	1612420	1738020	1848803
20'	45844	51352	59509	2180	1609	979	759522	786416	823111
40'	7913	7627	6014	469	860	639	426449	475802	512846
Empty	6053	6544	4003	1768	813	272	358143	324742	228989
20'	181	862	441	738	743	174	137137	119120	62177
40'	2936	2841	1781	515	35	49	110503	102811	83406
TRANSHIP-MENT	-	180	72	9373	14416	8595	139135	115403	73252
20'	-	168	56	6347	9566	4965	51667	42297	25386
40'	-	6	8	1513	2425	1815	43734	36553	23933
Stuffed	-	180	72	9373	14416	8595	112202	99934	64152
20'	-	168	56	6347	9566	4965	44930	36942	24192
40'	-	6	8	1513	2425	1815	33636	31496	19980
Empty	-	0	0	0	0	0	26933	15469	9100
20'	-	-	-	-	-	-	6737	5355	1194
40'	-	-	-	-	-	-	10098	5057	3953
TOTAL	146772	160213	167771	58098	72472	56276	4175845	4332361	4316486
20'	97632	110913	126897	27712	34852	24978	1882099	1869377	1864352
40'	24570	24650	20437	15193	18810	15649	1146873	1231492	1226067
Stuffed	115125	119782	120170	50706	64145	50554	3590814	3799017	3811391
20'	73281	77904	85642	23468	29569	20832	1680946	1703791	1724627
40'	20922	20939	17264	13619	17288	14861	954934	1047613	1043382
Empty	31647	40431	47601	7392	8327	5722	585031	533344	505095
20'	24351	33009	41255	4244	5283	4146	201153	165586	139725
40'	3648	3711	3173	1574	1522	788	191939	183879	182685

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

**Container Traffic Handled at Major Ports - Type-Wise -
2009-10 , 2010-11&2011-12**

(Nos.)

Type	MORMUGAO			NEW MANGALORE			COCHIN (a)		
	2009-10	2010-11	2011-12	2009-10	2010-11	2011-12	2009-10	2010-11	2011-12
1	2	3	4	5	6	7	8	9	10
IMPORT	9004	9453	11213	15744	20157	22543	139317	145860	155307
20'	4456	4281	5829	11838	14367	14795	85423	84228	90825
40'	2274	2586	2692	1953	2895	3874	26947	30816	32241
Stuffed	6803	6411	8142	10221	10276	13592	117863	126805	134116
20'	4379	4255	5768	8897	7714	9546	81631	81789	87438
40'	1212	1078	1187	662	1281	2023	18116	22508	23339
Empty	2201	3042	3071	5523	9881	8951	21454	19055	21191
20'	77	26	61	2941	6653	5249	3792	2439	3387
40'	1062	1508	1505	1291	1614	1851	8831	8308	8902
EXPORT	8292	8149	10794	15712	20001	22466	138863	141272	162635
20'	4238	3611	5542	11572	14457	15314	82725	82688	92053
40'	2027	2269	2626	2070	2772	3576	28069	29292	35291
Stuffed	4885	5447	6059	10820	15557	15944	85325	92706	107579
20'	1995	1895	1933	7340	11433	11328	35443	37572	43643
40'	1445	1776	2063	1740	2062	2308	24941	27567	31968
Empty	3407	2702	4735	4892	4444	6522	53538	48566	55056
20'	2243	1716	3609	4232	3024	3986	47282	45116	48410
40'	582	493	563	330	710	1268	3128	1725	3323
TRANSHIP-MENT	-	-	-	-	-	-	11380	22576	18897
20'	-	-	-	-	-	-	10248	19350	15595
40'	-	-	-	-	-	-	566	1613	1651
Stuffed	-	-	-	-	-	-	11274	21828	18757
20'	-	-	-	-	-	-	10194	19350	15595
40'	-	-	-	-	-	-	540	1239	1581
Empty	-	-	-	-	-	-	106	748	140
20'	-	-	-	-	-	-	54	0	0
40'	-	-	-	-	-	-	26	374	70
TOTAL	17296	17602	22007	31456	40158	45009	289560	309708	336839
20'	8694	7892	11371	23410	28824	30109	178396	186266	198473
40'	4301	4855	5318	4023	5667	7450	55582	61721	69183
Stuffed	11688	11858	14201	21041	25833	29536	214462	241339	260452
20'	6374	6150	7701	16237	19147	20874	127268	138711	146676
40'	2657	2854	3250	2402	3343	4331	43597	51314	56888
Empty	5608	5744	7806	10415	14325	15473	75098	68369	76387
20'	2320	1742	3670	7173	9677	9235	51128	47555	51797
40'	1644	2001	2068	1621	2324	3119	11985	10407	12295

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

(a) There were 352 , 257 & 100 containers of size 45' in Cochin Port which have been converted in TEUs (one 45' = 2 TEUs) in 2009-10 , 2010-11 & 2011-12 respectively.

**Container Traffic Handled at Major Ports - Type-Wise -
2009-10 , 2010-11&2011-12**

(Nos.)

Type	TUTICORIN			CHENNAI			VISAKHAPATNAM		
	2009-10	2010-11	2011-12	2009-10	2010-11	2011-12	2009-10	2010-11	2011-12
1	2	3	4	5	6	7	8	9	10
IMPORT	213537	226230	231457	621001	761919	803694	48233	72937	82808
20'	96541	95640	107281	306963	354089	360300	32955	48455	49902
40'	58498	65295	62088	157019	203915	221697	7639	12241	16453
Stuffed	143230	153174	158565	593343	734934	783166	40524	63586	72909
20'	77102	81690	87305	291767	340278	346968	28142	43126	47537
40'	33064	35742	35630	150788	197328	218099	6191	10230	12686
Empty	70307	73056	72892	27658	26985	20528	7709	9351	9899
20'	19439	13950	19976	15196	13811	13332	4813	5329	2365
40'	25434	29553	26458	6231	6587	3598	1448	2011	3767
EXPORT	226411	241522	245639	586993	723345	751327	49063	72437	76955
20'	95831	101724	107791	292115	346907	344255	34475	48007	48273
40'	65290	69899	68924	147439	188219	203536	7294	12215	14341
Stuffed	204001	226506	232680	422815	481913	524870	36519	58821	57788
20'	77581	88838	96766	216595	246425	255916	30555	45203	44190
40'	63210	68834	67957	103110	117744	134477	2982	6809	6799
Empty	22410	15016	12959	164178	241432	226457	12544	13616	19167
20'	18250	12886	11025	75520	100482	88339	3920	2804	4083
40'	2080	1065	967	44329	70475	69059	4312	5406	7542
TRANSHIP-MENT	-	-	-	-	-	-	264	0	74582
20'	-	-	-	-	-	-	264	0	48788
40'	-	-	-	-	-	-	-	-	12897
Stuffed	-	-	-	-	-	-	264	0	72756
20'	-	-	-	-	-	-	264	-	46962
40'	-	-	-	-	-	-	-	-	12897
Empty	-	-	-	-	-	-	-	-	1826
20'	-	-	-	-	-	-	-	-	1826
40'	-	-	-	-	-	-	-	-	-
TOTAL	439948	467752	477096	1207994	1485264	1555021	97560	145374	234345
20'	192372	197364	215072	599078	700996	704555	67694	96462	146963
40'	123788	135194	131012	304458	392134	425233	14933	24456	43691
Stuffed	347231	379680	391245	1016158	1216847	1308036	77307	122407	203453
20'	154683	170528	184071	508362	586703	602884	58961	88329	138689
40'	96274	104576	103587	253898	315072	352576	9173	17039	32382
Empty	92717	88072	85851	191836	268417	246985	20253	22967	30892
20'	37689	26836	31001	90716	114293	101671	8733	8133	8274
40'	27514	30618	27425	50560	77062	72657	5760	7417	11309

Table 2.1.5
(Contd...)

**Container Traffic Handled at Major Ports - Type-Wise -
2009-10, 2010-11&2011-12**

(Nos.)

Type	PARADIP			HALDIA			KOLKATA		
	2009-10	2010-11	2011-12	2009-10	2010-11	2011-12	2009-10	2010-11	2011-12
1	2	3	4	5	6	7	8	9	10
IMPORT	1769	1084	3795	61570	70995	54008	194388	192075	162802
20'	1769	1084	3795	31510	39613	41272	123614	111043	116254
40'	-	-	-	15030	15691	6368	35387	40516	23274
Stuffed	-	-	-	60978	70558	53299	187641	183051	154930
20'	-	-	-	31046	39440	40573	120023	107485	110666
40'	-	-	-	14966	15559	6363	33809	37783	22132
Empty	1769	1084	3795	592	437	709	6747	9024	7872
20'	1769	1084	3795	464	173	699	3591	3558	5588
40'	-	-	-	64	132	5	1578	2733	1142
EXPORT	1757	2443	4058	62542	68408	61262	183122	185060	154133
20'	1757	2443	4058	43938	50144	49450	102930	96216	105525
40'	-	-	-	9302	9132	5906	40096	44422	24304
Stuffed	1757	2443	4058	42007	47496	47496	125054	139783	124918
20'	1757	2443	4058	37869	43470	43470	72550	80165	92840
40'	-	-	-	2069	2013	2013	26252	29809	16039
Empty	-	-	-	20535	20912	13766	58068	45277	29215
20'	-	-	-	6069	6674	5980	30380	16051	12685
40'	-	-	-	7233	7119	3893	13844	14613	8265
RE-EXPORT	-	-	-	-	-	-	-	-	-
20'	-	-	-	-	-	-	-	-	-
40'	-	-	-	-	-	-	-	-	-
Stuffed	-	-	-	-	-	-	-	-	-
20'	-	-	-	-	-	-	-	-	-
40'	-	-	-	-	-	-	-	-	-
Empty	-	-	-	-	-	-	-	-	-
20'	-	-	-	-	-	-	-	-	-
40'	-	-	-	-	-	-	-	-	-
TOTAL	3526	3527	7853	124112	139403	115270	377510	377135	316935
20'	3526	3527	7853	75448	89757	90722	226544	207259	221779
40'	-	-	-	24332	24823	12274	75483	84938	47578
Stuffed	1757	2443	4058	102985	118054	100795	312695	322834	279848
20'	1757	2443	4058	68915	82910	84043	192573	187650	203506
40'	-	-	-	17035	17572	8376	60061	67592	38171
Empty	1769	1084	3795	21127	21349	14475	64815	54301	37087
20'	1769	1084	3795	6533	6847	6679	33971	19609	18273
40'	-	-	-	7297	7251	3898	15422	17346	9407

Note:-1.Items under Sl. No.1 includes all containers except reefer.

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

*Tare weight. Not included.

** Included in Import and Export.

**Container Traffic Handled at Major Ports - Type-Wise -
2009-10 , 2010-11&2011-12**

(Nos.)

Type	ALL PORTS		
	2009-10	2010-11	2011-12
1	2	3	4
IMPORT	3251801	1264021	3251801
20'	1563167	619023	1563167
40'	844317	322499	844317
Stuffed	2676427	1105027	2676427
20'	1295169	531125	1295169
40'	690629	286951	690629
Empty	575374	158994	575374
20'	267998	87898	267998
40'	153688	35548	153688
EXPORT	3107798	1173615	3107798
20'	1507546	587513	1507546
40'	800126	293051	800126
Stuffed	2671808	904901	2671808
20'	1360798	473959	1360798
40'	655505	215471	655505
Empty	435990	268714	435990
20'	146748	113554	146748
40'	144621	77580	144621
TRANSHIP-MENT	218662	8667	218662
20'	90634	5021	90634
40'	64014	1823	64014
Stuffed	159211	8667	159211
20'	76093	5021	76093
40'	41559	1823	41559
Empty	59451	0	59451
20'	14541	0	14541
40'	22455	0	22455
TOTAL	6969677(b)	7560905(b)	7650908
20'	3161347	1211557	3161347
40'	1708457	617373	1708457
Stuffed	5507446	2018595	5507446
20'	2732060	1010105	2732060
40'	1387693	504245	1387693
Empty	1070815	427708	1070815
20'	429287	201452	429287
40'	320764	113128	320764

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

Source: Administrative Reports of Major Ports

**Commodity-Wise Break-Up of Container and General Cargo and Level
of Containerisation at Major Ports -Port-wise 2010-11 & 2011-12**

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							
	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12
1	2	3	4	5	6	7	8	9	10	11
ALL PORTS										
LOADED										
1. Textiles(Cotton,Silk,Synthetic)Yarn etc.	23	33	23	33	0.04	0.05	0.04	0.05	100.00	100.00
2. Metal & Metal products	69	398	336	766	0.12	0.66	0.54	1.09	20.54	51.96
3. Tea & Coffee	465	487	465	487	0.83	0.81	0.74	0.70	100.00	100.00
4. Foodgrain (Cereals and Pulses)	58	139	103	517	0.10	0.23	0.16	0.74	56.31	26.89
5. Marine products	210	255	210	255	0.37	0.42	0.34	0.36	100.00	100.00
6. Fodder	63	39	63	39	0.11	0.06	0.10	0.06	100.00	100.00
7. Fruits & Vegetables.	0	0	4	4	0.00	0.00	0.01	0.01	0.00	0.00
8. Spices	67	88	67	88	0.12	0.15	0.11	0.13	100.00	100.00
9. Hosiery, Harberdasherry and Millinary.	8	14	8	14	0.01	0.02	0.01	0.02	100.00	100.00
10. Machinery,Instruments Transport equipments.	60	73	129	175	0.11	0.12	0.21	0.25	46.51	41.71
11.Drugs and Medicines.	21	21	21	22	0.04	0.03	0.03	0.03	100.00	95.45
12.Dyes and Colours.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
13.Oil seeds,fats etc.	16	19	16	19	0.03	0.03	0.03	0.03	100.00	100.00
14.Chemicals	33	37	40	226	0.06	0.06	0.06	0.32	82.50	16.37
15.Dry Fruits	71	9	71	9	0.13	0.01	0.11	0.01	100.00	100.00
16.Jute & its Products	302	299	302	299	0.54	0.50	0.48	0.43	100.00	100.00
17.Leather & its Products	32	33	32	33	0.06	0.05	0.05	0.05	100.00	100.00
18.Others	46541	27592	52451	39589	82.69	45.97	83.81	56.55	88.73	69.70
20.All Commodities	48039	30095	54341	31551	85.35	50.14	86.83	45.07	88.40	95.39
21.Tare Weight(a)	7462	5335	7463	5335	13.26	8.89	11.92	7.62	99.99	100.00
22.Transhipment incl. Tare Wt.(b)	782	2292	782	4366	1.39	3.82	1.25	6.24	100.00	52.50
Grand Total	56283	60024	62586	70002	100.00	100.00	100.00	100.00	89.93	85.75

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

**Commodity-Wise Break-Up of Container and General Cargo and Level
of Containerisation at Major Ports - Port-wise - 2010-11 & 2011-12**

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		2010-11	2011-12	2010-11	2011-12	2010-11	2011-12
	2010-11	2011-12	2010-11	2011-12						
1	2	3	4	5	6	7	8	9	10	11
ALL PORTS										
UNLOADED										
1. Iron & Steel	194	345	2585	2946	0.34	0.57	3.15	3.47	7.50	11.71
2. Metal & Metal Products.	159	346	2357	1884	0.27	0.57	2.87	2.22	6.75	18.37
3. Chemicals	337	173	431	399	0.58	0.29	0.53	0.47	78.19	43.36
4. Paper, Newsprints etc.	199	262	200	263	0.34	0.43	0.24	0.31	99.50	99.62
5. Miscellaneous goods	178	149	178	149	0.31	0.25	0.22	0.18	100.00	100.00
6. Machinery and Transport equipments.	347	170	846	1031	0.60	0.28	1.03	1.21	41.02	16.49
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	54	9	54	13	0.09	0.01	0.07	0.02	100.00	69.23
8. Hair and wool	18	9	18	9	0.03	0.01	0.02	0.01	100.00	100.00
9. Rubber and its products.	170	105	170	105	0.29	0.17	0.21	0.12	100.00	100.00
10.Oil, fats etc.	89	74	519	592	0.15	0.12	0.63	0.70	17.15	12.50
11.Woodpulp.	23	2	153	95	0.04	0.00	0.19	0.11	15.03	2.11
4. Foodgrain (Cereals and Pulses)	237	27	2176	1850	0.41	0.04	2.65	2.18	10.89	1.46
13.Fertiliser & FRM	3	5	2569	2849	0.01	0.01	3.13	3.36	0.12	0.18
14.Industrial Alcohol & Spirits (Non-potable)	2	0	2	0	0.00	0.00	0.00	0.00	100.00	-
15.Drugs & Medicines	153	1	219	1	0.26	0.00	0.27	0.00	69.86	100.00
16.Timber & Log	131	59	1919	1964	0.23	0.10	2.34	2.31	6.83	3.00
17.Others	28128	29842	58424	39759	48.60	49.53	71.22	46.84	48.14	75.06
19.All Commodities	26799	27129	72820	29322	46.30	45.03	88.76	34.54	36.80	92.52
20.Tare Weight (a)	6074	6017	7658	11963	10.50	9.99	9.33	14.09	79.32	50.30
21.Transshipment incl.Tare Wt.(b)	5021	6208	1559	14863	8.68	10.30	1.90	17.51	322.07	41.77
Grand Total	57875	60253	82037	84888	100.00	100.00	100.00	100.00	70.55	70.98

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

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

Source: Major Ports

Table 2.1-7

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports -Port-wise 2010-11&2011-12

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		2010-11	2011-12	2010-11	2011-12	2010-11	2011-12
	2010-11	2011-12	2010-11	2011-12						
1	2	3	4	5	6	7	8	9	10	11
PORT: KOLKATA DOCK SYSTEM										
LOADED										
1. Textiles(Cotton,Silk, Synthetic)Yarn etc.	22	28	22	28	0.79	0.86	0.58	0.66	100.00	100.00
2. Metal & Metal products	63	68	63	68	2.25	2.09	1.66	1.60	100.00	100.00
3. Tea & Coffee	137	141	137	141	4.89	4.33	3.61	3.31	100.00	100.00
4. Foodgrain (Cereals and Pulses)	26	82	30	107	0.93	2.52	0.79	2.52	86.67	76.64
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.	8	14	8	14	0.29	0.43	0.21	0.33	100.00	100.00
10. Machinery,Instruments Transport equipments.	39	44	45	50	1.39	1.35	1.18	1.18	86.67	88.00
11. Drugs and Medicines.	21	21	21	21	0.75	0.65	0.55	0.49	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.	4	6	4	6	0.14	0.18	0.11	0.14	100.00	100.00
14. Chemicals	22	14	22	14	0.79	0.43	0.58	0.33	100.00	100.00
15. Dry Fruits	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16. Jute & its Products	296	289	296	289	10.58	8.88	7.79	6.79	100.00	100.00
17. Leather & its Products	31	31	31	31	1.11	0.95	0.82	0.73	100.00	100.00
18. Others	1734	2092	2725	3060	61.95	64.27	71.71	71.93	63.63	68.37
a). Iron & Steel	341	442	359	463	12.18	13.58	9.45	10.88	94.99	95.46
b). Cast Iron Goods	0	216	0	216	0.00	6.64	0.00	5.08	-	-
c). Miscellaneous	1393	1434	2366	2381	49.77	44.06	62.26	55.97	58.88	60.23
19. All Commodities	2403	2830	3404	3829	85.85	86.94	89.58	90.01	70.59	73.91
20. Tare Weight	396	425	396	425	14.15	13.06	10.42	9.99	100.00	100.00
21. Transhipment incl.tare wt.	(a)	(a)	(a)	(a)	-	-	-	-	-	-
	2799	3255	3800	4254	100.00	100.00	100.00	100.00	73.66	76.52

(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 - 2010-11 & 2011-12

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		2010-11	2011-12	2010-11	2011-12	2010-11	2011-12
	2010-11	2011-12	2010-11	2011-12						
1	2	3	4	5	6	7	8	9	10	11
PORT: KOLKATA DOCK SYSTEM										
UNLOADED										
1. Iron & Steel	79	21	173	88	2.22	0.59	3.46	1.76	45.66	23.86
2. Metal & Metal Products.	90	52	90	52	2.53	1.46	1.80	1.04	100.00	100.00
3. Chemicals	251	72	251	72	7.04	2.02	5.01	1.44	100.00	100.00
4. Paper, Newsprints etc.	87	94	87	94	2.44	2.64	1.74	1.88	100.00	100.00
5. Plastic & its products	62	23	62	23	1.74	0.65	1.24	0.46	100.00	100.00
6. Machinery/Instrument and Transport equipments.	204	66	345	274	5.73	1.85	6.89	5.47	59.13	24.09
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	48	8	48	8	1.35	0.22	0.96	0.16	100.00	100.00
8. Hair and wool	18	9	18	9	0.51	0.25	0.36	0.18	100.00	100.00
9. Rubber and its products.	16	5	16	5	0.45	0.14	0.32	0.10	100.00	100.00
10.Oil, fats etc.	74	50	74	50	2.08	1.40	1.48	1.00	100.00	100.00
11.Woodpulp.	23	2	23	2	0.65	0.06	0.46	0.04	100.00	100.00
4. Foodgrain (Cereals and Pulses)	229	25	1183	980	6.43	0.70	23.63	19.57	19.36	2.55
13.Fertiliser & FRM	0	0	62	69	0.00	0.00	1.24	1.38	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	153	1	153	1	4.29	0.03	3.06	0.02	0.09	-
16.Timber & Log	97	34	794	708	2.72	0.95	15.86	14.14	12.22	4.80
17.Others	1575	2607	1169	2078	44.20	73.17	23.35	41.50	134.73	125.46
a) Electric Goods	96	53	96	53	2.69	1.49	1.92	1.06	100.00	100.00
b) Metal Strap	17	8	17	8	0.48	0.22	0.34	0.16	100.00	100.00
c) Miscellaneous	1462	2546	1056	2017	41.03	71.46	21.09	40.28	138.45	126.23
18. All Commodities	3006	3069	4548	4513	84.37	86.14	90.83	90.13	66.09	68.00
19. Tare Weight(a)	415	494	419	494	11.65	13.86	8.37	9.87	99.05	100.00
20 .Transshipment incl. tare wt.	-	-	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	3421	3563	4967	5007	100.00	100.00	100.00	100.00	68.87	71.16

(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 2010-11 & 2011-12**

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		2010-11	2011-12	2010-11	2011-12	2010-11	2011-12
	2010-11	2011-12	2010-11	2011-12						
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	0.08	0.08	0.08	0.08	100.00	100.00
2. Metal & Metal products	0	324	0	324	0.00	25.33	0.00	25.31	-	100.00
3. Tea & Coffee	21	2	21	2	1.64	0.16	1.64	0.16	100.00	100.00
4. Foodgrain (Cereals and Pulses)	32	54	32	54	2.50	4.22	2.50	4.22	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.	2	2	2	3	0.16	0.16	0.16	0.23	-	66.67
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	3	4	3	0.31	0.23	0.31	0.23	100.00	100.00
15.Dry Fruits	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16.Jute & its Products	6	4	6	4	0.47	0.31	0.47	0.31	100.00	100.00
17.Leanther & its Products	1	1	1	1	0.08	0.08	0.08	0.08	100.00	100.00
18.Others	1266	729	1277	729	98.98	57.00	99.77	56.95	99.14	100.00
a) Iron Goods	0	0	0	0	0.00	0.00	0.00	0.00	-	-
b) Iron & Steel	373	323	383	323	29.16	25.25	29.92	25.23	97.39	100.00
c). Miscellaneous	893	406	894	406	69.82	31.74	69.84	31.72	99.89	100.00
19. All Commodities	1333	1120	1344	1121	104.22	87.57	105.00	87.58	99.18	99.91
20. Tare Weight	179	159	179	159	14.00	12.43	13.98	12.42	100.00	100.00
21. Transhipment incl. tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	1512	1279	1523	1280	100.00	100.00	100.00	100.00	99.28	99.92

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

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2010-11 & 2011-12

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		2010-11	2011-12	2010-11	2011-12	2010-11	2011-12
	2010-11	2011-12	2010-11	2011-12						
1	2	3	4	5	6	7	8	9	10	11
PORT:HALDIA DOCK COMPLEX										
UNLOADED										
1. Iron & Steel	66	264	199	335	4.93	19.70	12.16	20.48	33.17	78.81
2. Metal & Metal Products.	0	250	0	250	0.00	18.66	0.00	15.28	-	100.00
3. Chemicals	18	64	18	64	1.34	4.78	1.10	3.91	100.00	100.00
4. Paper, Newsprints etc.	54	122	54	122	4.03	9.10	3.30	7.46	100.00	100.00
5. Plastic & its products	104	118	104	118	7.76	8.81	6.36	7.21	100.00	100.00
6. Machinery/Instrument and Transport equipments.	103	62	114	287	7.69	4.63	6.97	17.54	90.35	21.60
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.	71	33	71	33	5.30	2.46	4.34	2.02	100.00	100.00
10.Oil, fats etc.	14	11	14	11	1.04	0.82	0.86	0.67	100.00	100.00
11.Woodpulp.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
4. Foodgrain (Cereals and Pulses)	4	2	4	2	0.30	0.15	0.24	0.12	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	6	0	6	0	0.45	0.00	0.37	0.00	100.00	-
17.Others	732	272	830	272	54.63	20.30	50.73	16.63	88.19	100.00
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	732	272	830	272	54.63	20.30	50.73	16.63	88.19	100.00
18. All Commodities	1172	1198	1414	1494	87.46	89.40	86.43	91.32	82.89	80.19
19. Tare Weight	151	142	151	142	11.27	10.60	9.23	8.68	100.00	100.00
20. Transshipment incl tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	1323	1340	1565	1636	100.00	100.00	100.00	100.00	84.54	81.91

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

**Commodity-Wise Break-Up of Container and General Cargo and Level
of Containerisation at Major Ports -Port-wise 2010-11 & 2011-12**

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							
	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12
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	1	0	1	0.00	1.00	0.00	0.98	-	-
18. Others	61	90	61	92	61.00	90.00	59.80	90.20	100.00	97.83
a). Iron & Steel	0	0	0	1	0.00	0.00	0.00	0.98	-	0.00
b). Al. Ingot	0	0	0	0	0.00	0.00	0.00	0.00	-	-
c). Miscellaneous	61	90	61	91	61.00	90.00	59.80	89.22	100.00	98.90
19. All Commodities	61	91	61	93	61.00	91.00	59.80	91.18	100.00	97.85
20. Tare Weight	5	9	5	9	5.00	9.00	4.90	8.82	-	-
21. Transhipment incl tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	66	100	66	102	100.00	100.00	100.00	100.00	100.00	98.04

Table 2.1.7

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2010-11 & 2011-2012

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		2010-11	2011-12	2010-11	2011-12	2010-11	2011-12
	2010-11	2011-12	2010-11	2011-12						
1	2	3	4	5	6	7	8	9	10	11
PORT : PARADIP										
UNLOADED										
1. Iron & Steel	0	0	83	223	-	-	31.44	84.47	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	1	148	33	-	0.07	56.06	12.50	0.00	3.03
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	1	148	33	-	0.07	56.06	12.50	0.00	3.03
18. All Commodities	0	1	231	256	-	0.07	87.50	96.97	0.00	0.39
19. Tare Weight	3	8	3	8	-	0.60	1.14	3.03	-	-
20. Transshipment incl.tare wt.	0	0	0	0	-	0.00	0.00	0.00	-	-
Grand Total	3	9	234	264	-	0.67	100.00	100.00	1.28	3.41

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

**Commodity-Wise Break-Up of Container and General Cargo and Level
of Containerisation at Major Ports -Port-wise 2010-11 & 2011-12**

Commodities	General Cargo (0001)				% 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		2010-11	2011-12	2010-11	2011-12	2010-11	2011-12
	2010-11	2011-12	2010-11	2011-12						
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)	41	1	...	...	1.42	0.03	...	...
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.Leanther & its Products	0	0	...	...	0.00	0.00	...	...
18.Others	1858	2560	...	...	64.27	88.55	...	...
a) Iron & Steel				580						
a) Cement	0	0	...	...	0.00	0.00	...	...
b) Sugar	12	0	...	...	0.42	0.00	...	...
c) Granite	144	191	...	...	4.98	6.61	...	...
d) Miscellaneous	1702	2369	...	...	58.87	81.94	...	...
20. All Commodities	1167	1716	1899	2561	57.04	83.87	65.69	88.59	61.45	67.01
21. Tare Weight	163	330	163	330	7.97	16.13	5.64	11.41	100.00	100.00
22. Transshipment incl.tare wt.	-	-	-	-	0.00	0.00	0.00	0.00	-	-
Grand Total	1330	2046	2062	2891	100.00	100.00	100.00	100.00	64.50	70.77

Note : For Visakhapatnam port commodity-wise break up of Container Cargo for 2010-11 & 2011-12 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 - 2010-11 & 2011-12

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		2010-11	2011-12	2010-11	2011-12	2010-11	2011-12
	2010-11	2011-12	2010-11	2011-12						
1	2	3	4	5	6	7	8	9	10	11
PORT : VISAKHAPATNAM										
UNLOADED										
1. Iron & Steel	24	63	0	0	0.91	2.38	0.00	0.00
2. Metal & Metal Products.	0	0	...	...	0.00	0.00	...	...
3. Chemicals	0	0	...	...	0.00	0.00	...	...
4. Paper, Newsprints etc.	0	0	...	...	0.00	0.00	...	...
5. Plastic & its products	0	0	...	...	0.00	0.00	...	...
6. Machinery/Instrument and Transport equipments.	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)	0	0	...	...	0.00	0.00	...	...
13.Fertiliser & FRM	0	2	...	...	0.00	0.08	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	166	184	...	...	6.28	6.96	0.00	0.00
17.Others	1219	2044	...	...	46.14	77.37	...	...
a) Carbon Materials	0	0	...	...	0.00	0.00	...	...
b) Miscellaneous	1219	2044	0.00	0.00	46.14	77.37	...	...
19. All Commodities	1094	1816	1409	2291	50.48	83.80	53.33	86.71	77.64	79.27
20. Tare Weight	148	351	163	351	6.83	16.20	6.17	13.29	90.80	100.00
21. Transhipment incl. tare wt.	-	-	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	1242	2167	1572	2642	100.00	100.00	100.00	100.00	79.01	82.02

Note : For Visakhapatnam port commodity-wise break up of Container Cargo for 2010-11 & 2011-12 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 2010-11 & 2011-12

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		2010-11	2011-12	2010-11	2011-12	2010-11	2011-12
	2010-11	2011-12	2010-11	2011-12						
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.Leanther & its Products
18.Others
a). Minerals
b).Granite
c).Iron & Steel
d).Miscellaneous
20. All Commodities	14381	14536	15938	16254	98.93	100.00	98.06	100.00	0.61	0.62
21. Tare Weight	1604	1605	1604	1605	11.03	11.04	9.87	9.87	0.07	0.07
22. Transhipment incl. tare wt.	-	-	0.00	0.00	0.00	0.00	0.00	0.00
Grand Total	14381	14536	15938	16254	100.00	100.00	100.00	100.00	90.23	89.43

Note: For Chennai port commodity-wise break up of Container and General Cargo for 2010-11 & 2011-12 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 - 2010-11 & 2011-12

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		2010-11	2011-12	2010-11	2011-12	2010-11	2011-12
	2010-11	2011-12	2010-11	2011-12						
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	13373	13832	14983	15204	86.06	89.01	88.59	89.90	89.25	90.98
20. Tare Weight	1667	1708	1667	1708	10.73	10.99	9.86	10.10	100.00	100.00
21. Transshipment incl. tare wt.	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00
	15040	15540	16650	16912	100.00	100.00	100.00	100.00	90.33	91.89

Note: For Chennai port commodity-wise break up of Container and General Cargo for 2010-11 & 2011-12 are not available.

Table 2.1.7 Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports -Port-wise 2010-11 & 2011-12
(Contd...)

Commodities	General Cargo (000T)				% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo		2010-11	2011-12	2010-11	2011-12	2010-11	2011-12
	2010-11	2011-12	2010-11	2011-12						
1	2	3	4	5	6	7	8	9	10	11
PORT : TUTICORIN										
LOADED										
1. Textiles(Cotton,Silk, Synthetic)Yarn etc.	...	...	...	0	...	...	0.00	0.00	...	...
2. Metal & Metal products	...	...	...	0	...	...	0.00	0.00	...	...
3. Tea & Coffee	...	...	...	0	...	...	0.00	0.00	...	...
4. Foodgrain (Cereals and Pulses)	...	...	...	293	...	...	0.00	3.93	-	-
5. Marine products	...	...	...	0	...	...	0.00	0.00	...	...
6. Fodder	...	...	...	0	...	...	0.00	0.00	...	...
7. Fruits & Vegetables.	...	...	...	0	...	...	0.00	0.00	...	...
8. Spices	...	...	...	0	...	...	0.00	0.00	...	...
9. Hosiery, Harberdasherry and Millinary.	...	...	...	0	...	...	0.00	0.00	...	...
10. Machinery,Instruments Transport equipments.	...	...	...	21	...	...	0.00	0.28	...	...
11. Drugs and Medicines.	...	...	...	0	...	...	0.00	0.00	...	...
12. Dyes and Colours.	...	...	...	0	...	...	0.00	0.00	...	...
13. Oil seeds, fats etc.	...	...	...	0	...	...	0.00	0.00	...	...
14. Chemicals	...	...	...	175	...	...	0.00	2.35	...	...
15. Dry Fruits	...	...	...	0	...	...	0.00	0.00	...	...
16. Jute & its Products	...	...	...	0	...	...	0.00	0.00	...	...
17. Leather & its Products	...	...	...	0	...	...	0.00	0.00	...	...
18. Others	...	...	...	6484	...	...	0.00	87.02	...	...
a) Iron & Steel				6						
b) Sugar				65						
c) Granite				195						
20. All Commodities	4463	5651	4463	6973	72.82	92.20	59.90	93.58	100.00	81.04
21. Tare Weight	468	478	468	478	7.64	7.80	6.28	6.42	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	4931	6129	4931	7451	100.00	100.00	100.00	100.00	100.00	82.26

Note : For Tuticorin port commodity-wise break up of Container Cargo for 2010-11 & 2011-12 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 - 2010-11 & 2011-12

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							
	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12
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	80	209	...	...	1.55	4.05	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.	31	77	...	...	0.60	1.49	...	...
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.	241	245	...	...	4.67	4.75	0.00	0.00
11.Woodpulp.	0	0	...	...	0.00	0.00	...	...
12. Foodgrain (Cereals and Pulses)	240	0	...	...	4.65	0.00	0.00	0.00
13.Fertiliser & FRM	2000	2002	...	...	38.74	38.78	0.00	0.00
14.Industrial Alcohol & Spirits (Non-potable)	0	0	...	...	0.00	0.00	...	...
15.Drugs & Medicines	66	0	...	...	1.28	0.00	0.00	0.00
16.Timber & Log	658	664	...	...	12.75	12.86	0.00	0.00
17.Others	0	0	...	...	0.00	0.00	...	...
19. All Commodities	2799	2644	3748	4708	90.35	85.35	72.61	91.20	74.68	56.16
20. Tare Weight	439	454	439	454	14.17	14.65	8.50	8.80	100.00	100.00
21. Transshipment incl. tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	...	...
Grand Total	3238	3098	4187	5162	100.00	100.00	100.00	100.00	77.33	60.02

Note : For Tuticorin port commodity-wise break up of Container Cargo for 2010-10 & 2011-12 are not available.

**Commodity-Wise Break-Up of Container and General Cargo and Level
of Containerisation at Major Ports -Port-wise 2010-11 & 2011-12**

Table 2.1.7 (Contd...)	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		2010-11	2011-12	2010-11	2011-12	2010-11	2011-12
	2010-11	2011-12	2010-11	2011-12						
1	2	3	4	5	6	7	8	9	10	11
PORT : COCHIN										
LOADED										
1. Textiles(Cotton,Silk,Synthetic)Yarn etc.	0	4	0	4	0.00	0.22	0.00	0.22	-	100.00
2. Metal & Metal products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
3. Tea & Coffee	196	226	196	226	10.57	12.19	10.57	12.18	100.00	100.00
4. Foodgrain (Cereals and Pulses)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
5. Marine products	169	207	169	207	9.12	11.17	9.11	11.16	100.00	100.00
6. Fodder	0	0	0	0	0.00	0.00	0.00	0.00	-	-
7. Fruits & Vegetables.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
8. Spices	67	87	67	87	3.61	4.69	3.61	4.69	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.	18	25	18	25	0.97	1.35	0.97	1.35	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	3	16	3	16	0.16	0.86	0.16	0.86	100.00	100.00
15.Dry Fruits	64	0	64	0	3.45	0.00	3.45	0.00	100.00	-
16.Jute & its Products	0	6	0	6	0.00	0.32	0.00	0.32	-	100.00
17.Leanther & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
18.Others	1141	607	1143	608	61.54	32.74	61.62	32.78	99.83	99.84
a) Rubber	103	79	103	79	5.56	4.26	5.55	4.26	100.00	100.00
b). Coir Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
c). Iron & Steel	3	2	3	2	0.16	0.11	0.16	0.11	100.00	100.00
d). Mineral Sand	0	0	0	0	0.00	0.00	0.00	0.00	-	-
e). Miscellaneous	1035	526	1037	527	55.83	28.37	55.90	28.41	99.81	99.81
f) Granite		18	0	18						
19. All Commodities	1658	1178	1660	1179	89.43	63.54	89.49	63.56	99.88	99.92
20. Tare Weight	309	502	309	502	16.67	27.08	16.66	27.06	100.00	100.00
21 Transhipment Incl .Tare Wt.	210	174	210	174	11.33	9.39	11.32	9.38	100.00	100.00
Grand Total	2177	1854	2179	1855	100.00	100.00	100.00	100.00	99.91	99.95

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

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2010-11 & 2011-12

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		2010-11	2011-12	2010-11	2011-12	2010-11	2011-12
	2010-11	2011-12	2010-11	2011-12						
1	2	3	4	5	6	7	8	9	10	11
PORT : COCHIN										
UNLOADED										
1. Iron & Steel	13	5	12	47	0.45	0.17	0.40	1.58	108.33	10.64
2. Metal & Metal Products.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
3. Chemicals	23	23	23	23	0.80	0.80	0.78	0.78	100.00	100.00
4. Paper, Newsprints etc.	51	40	51	40	1.78	1.40	1.72	1.35	100.00	100.00
5. Plastic & its products	0	1	0	1	0.00	0.03	0.00	0.03	-	100.00
6. Machinery/Instrument and Transport equipments.	6	6	6	7	0.21	0.21	0.20	0.24	100.00	85.71
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	4	0	4	4	0.14	0.00	0.13	0.13	100.00	0.00
8. Hair and wool	0	0	0	0	0.00	0.00	0.00	0.00	-	-
9. Rubber and its products.	81	65	81	65	2.83	2.27	2.73	2.19	100.00	100.00
10.Oil, fats etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
11.Woodpulp.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
12. Foodgrain (Cereals and Pulses)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
13.Fertiliser & FRM	0	0	428	431	0.00	0.00	14.43	14.53	-	-
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	61	64	0.00	0.00	2.06	2.16	0.00	0.00
17.Others	1535	2067	1381	1631	53.65	72.25	46.55	54.97	111.15	126.73
a) Cement	0	0	0	0	0.00	0.00	0.00	0.00	-	-
b) Cashew	317	253	317	253	11.08	8.84	10.68	8.53	100.00	100.00
c). Cement Clinker	0	0	0	0	0.00	0.00	0.00	0.00	-	-
d) Miscellaneous	1218	1814	1064	1378	42.57	63.40	35.86	46.44	114.47	131.64
18. All Commodities	1713	2207	2047	2313	59.87	77.14	68.99	77.96	83.68	95.42
19. Tare Weight	319	480	319	480	11.15	16.78	10.75	16.18	100.00	100.00
20 Transhipment incl. Tare Wt.	210	174	210	174	7.34	6.08	7.08	5.86	100.00	100.00
Grand Total	2242	2861	2576	2967	100.00	100.00	100.00	100.00	87.03	96.43

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

**Commodity-Wise Break-Up of Container and General Cargo and Level
of Containerisation at Major Ports -Port-wise 2010-11 & 2011-12**

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		2010-11	2011-12	2010-11	2011-12	2010-11	2011-12
	2010-11	2011-12	2010-11	2011-12						
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	4	4	4	4	1.12	1.12	0.79	0.79	100.00	100.00
3. Tea & Coffee	111	118	111	118	31.18	33.15	21.98	23.37	100.00	100.00
4. Foodgrain (Cereals and Pulses)	0	3	0	61	0.00	0.84	0.00	12.08	-	4.92
5. Marine products	41	48	41	48	11.52	13.48	8.12	9.50	100.00	100.00
6. Fodder	63	39	63	39	17.70	10.96	12.48	7.72	100.00	100.00
7. Fruits & Vegetables.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
8. Spices	0	0	0	0	0.00	0.00	0.00	0.00	-	-
9. Hosiery, Harberdasherry and Millinary.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
10. Machinery,Instruments Transport equipments.	1	2	21	13	0.28	0.56	4.16	2.57	4.76	15.38
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.	11	13	11	13	3.09	3.65	2.18	2.57	100.00	100.00
14.Chemicals	4	4	4	4	1.12	1.12	0.79	0.79	100.00	100.00
15.Dry Fruits	7	9	7	9	1.97	2.53	1.39	1.78	100.00	100.00
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	58	66	99	146	16.29	18.54	19.60	28.91	58.59	45.21
a) Granite Stones	4	4	4	102	1.12	1.12	0.79	20.20	-	3.92
b) Sugar	0	0	0	0	0.00	0.00	0.00	0.00	-	-
c). Miscelleneous	54	62	95	44	15.17	17.42	18.81	8.71	56.84	140.91
19. All Commodities	300	306	361	455	84.27	85.96	71.49	90.10	83.10	67.25
20. Tare Weight	44	50	44	50	12.36	14.04	8.71	9.90	100.00	100.00
21 Transhipment Incl tare Wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	344	356	405	505	100.00	100.00	100.00	100.00	84.94	70.50

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

**Commodity-Wise Break-Up of Container and General Cargo and Level
of Containerisation at Major Ports - Port-wise - 2010-11 & 2011-12**

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		2010-11	2011-12	2010-11	2011-12	2010-11	2011-12
	2010-11	2011-12	2010-11	2011-12						
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	8	13	8	13	1.28	4.50	0.88	1.43	100.00	100.00
4. Paper, Newsprints etc.	0	4	0	4	0.00	1.38	0.00	0.44	-	100.00
5. Plastic & its products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
6. Machinery/Instrument and Transport equipments.	9	16	38	36	1.71	5.54	4.18	3.96	23.68	44.44
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	13	0	13	0.00	4.50	0.00	1.43	-	100.00
11.Woodpulp.	0	0			0.00	0.00	0.00	0.00	-	-
12. Foodgrain (Cereals and Pulses)	4	0	4	0	1.28	0.00	0.44	0.00	100.00	-
13.Fertiliser & FRM	3	5	79	83	0.00	1.73	8.69	9.13	3.80	6.02
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	27	25	215	322	5.98	8.65	23.65	35.42	12.56	7.76
17.Others	129	164	305	389	74.79	56.75	33.55	42.79	42.30	42.16
a) Cashew	104	124	130	124	55.56	42.91	14.30	13.64	80.00	100.00
b) Cement	0	0	0	0	0.00	0.00	0.00	0.00	-	-
c) Miscellaneous	25	40	175	265	19.23	13.84	19.25	29.15	14.29	15.09
18. All Commodities	180	240	649	860	85.04	83.04	71.40	94.61	27.73	27.91
19. Tare Weight	44	49	44	49	14.96	16.96	4.84	5.39	100.00	100.00
20 . Transhipment incl. tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	224	289	693	909	100.00	100.00	100.00	100.00	32.32	31.79

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

**Commodity-Wise Break-Up of Container and General Cargo and Level
of Containerisation at Major Ports -Port-wise 2010-11 & 2011-12**

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		2010-11	2011-12	2010-11	2011-12	2010-11	2011-12
	2010-11	2011-12	2010-11	2011-12						
1	2	3	4	5	6	7	8	9	10	11
PORT : MORMUGAO										
LOADED										
1. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
2. Metal & Metal products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
3. Tea & Coffee	0	0	0	0	0.00	0.00	0.00	0.00	-	-
4. Foodgrain (Cereals and Pulses)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
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	#DIV/0!	-
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	77	87	456	660	69.37	78.38	66.67	96.49	16.89	13.18
a) Frozen Fish	37	43	37	43	33.33	38.74	5.41	6.29	-	100.00
b) Alumina	0	0	37	0	0.00	0.00	5.41	0.00	-	-
c) H. R. Coils	0	0	0	381	0.00	0.00	0.00	55.70	-	-
d). Miscellaneous	40	44	382	236	36.04	39.64	55.85	34.50	10.47	18.64
e) Iron & Steel	0	0	0	105						
19. All Commodities	77	87	456	660	69.37	78.38	66.67	96.49	16.89	13.18
20. Tare Weight	18	24	18	24	16.22	21.62	2.63	3.51	100.00	100.00
21. Transhipment incl. tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	95	111	474	684	85.59	100.00	100.00	100.00	20.04	16.23

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

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2010-11 & 2011-12

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		2010-11	2011-12	2010-11	2011-12	2010-11	2011-12
	2010-11	2011-12	2010-11	2011-12						
1	2	3	4	5	6	7	8	9	10	11
PORT : MORMUGAO										
UNLOADED										
1. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
2. Metal & Metal Products.	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	93	0.00	0.00	0.00	54.39	-	-
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	105	144	159	54	62.50	85.71	92.98	31.58	66.04	266.67
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	105	144	159	54	62.50	85.71	92.98	31.58	66.04	266.67
18. All Commodities	105	144	159	147	62.50	85.71	92.98	85.96	66.04	97.96
19. Tare Weight	20	24	20	24	11.90	14.29	11.70	14.04	100.00	100.00
20. Transshipment incl. tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	125	168	179	171	100.00	100.00	100.00	100.00	69.83	98.25

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

**Commodity-Wise Break-Up of Container and General Cargo and Level
of Containerisation at Major Ports -Port-wise 2010-11 & 2011-12**

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		2010-11	2011-12	2010-11	2011-12	2010-11	2011-12
	2010-11	2011-12	2010-11	2011-12						
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	22127	23876	22131	23890	77.66	83.80	77.64	83.81	...	...
20. All Commodities	22127	23876	22131	23890	77.66	83.80	77.64	83.81	99.98	99.94
21. Tare Weight	4267	4318	4267	4318	14.98	15.16	14.97	15.15	100.00	100.00
22. Transshipment incl. tare wt.	572	298	572	298	2.01	1.05	2.01	1.05	100.00	100.00
Grand Total	26966	28492	26970	28506	100.00	100.00	100.00	100.00	99.99	99.95

Note: For J.L.Nehru port commodity-wise break up of Container Cargo for 2010-11 & 2011-12 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 - 2010-11 & 2011-12

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		2010-11	2011-12	2010-11	2011-12	2010-11	2011-12
	2010-11	2011-12	2010-11	2011-12						
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)	...	...	...	19	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	23799	24308	24010	24426	80.02	81.73	80.41	81.80	99.12	99.52
19. All Commodities	23799	24308	24010	24426	80.02	81.73	80.41	81.80	99.12	99.52
20. Tare Weight	4312	4506	4312	4506	14.50	15.15	14.44	15.09	100.00	100.00
21. Transshipment incl tare wt.	1349	927	1349	927	4.54	3.12	4.52	3.10	100.00	100.00
Grand Total	29460	29741	29671	29859	100.00	100.00	100.00	100.00	99.29	99.60

Note: For J.L.Nehru port commodity-wise break up of Container Cargo for 2010-11 & 2011-12 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 2010-11 &2011-12

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		2010-11	2011-12	2010-11	2011-12	2010-11	2011-12
	2010-11	2011-12	2010-11	2011-12						
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.Leather & its Products	0.00	0.00	0.00	0.00	...	...
18.Others	0.00	0.00	0.00	0.00	...	...
a) Ores	0.00	0.00	0.00	0.00	...	...
b) Salt	0.00	0.00	0.00	0.00	...	...
c). Iron & Steel	0.00	0.00	0.00	0.00	...	...
d). Miscellaneous	0	0	0	0	0.00	0.00	0.00	0.00	...	...
19. All Commodities	1593	1662	2963	4250	87.87	91.67	67.33	96.57	53.76	39.11
20. Tare Weight	2	151	2	151	0.11	8.33	0.05	3.43	100.00	100.00
21. Transhipment incl. tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	1595	1813	2965	4401	100.00	100.00	100.00	100.00	53.79	41.20

(Contd.) Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2010-11 & 2011-12

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							
	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12
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	0.00	0.00	0.00	0.00	...	...
a). Misleneous	0.00	0.00	0.00	0.00	...	...
18. All Commodities	989	795	5716	4697	101.02	81.21	117.11	96.23	2.07	1.66
19. Tare Weight	2	184	2	184	0.20	18.79	0.04	3.77	0.00	0.39
20. Transshipment incl.tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	...	...
Grand Total	991	979	5718	4881	100.00	100.00	100.00	100.00	17.33	20.06

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports -Port-wise 2010-11 & 2011-12

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		2010-11	2011-12	2010-11	2011-12	2010-11	2011-12
	2010-11	2011-12	2010-11	2011-12						
1	2	3	4	5	6	7	8	9	10	11
PORT : MUMBAI										
LOADED										
1. Textiles(Cotton Silk, Synthetic)Yarn	0	0	0	0	0.00	0.00	0.00	0.00	-	-
2. Iron & Steel	2	2	269	370	3.77	3.77	14.79	20.34	0.74	0.54
3. Tea & Coffee	0	0	0	0	0.00	0.00	0.00	0.00	-	-
4. Foodgrain (Cereals and Pulses)	0	0	0	1	0.00	0.00	0.00	0.05	-	0.00
5. Marine products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
6. Fodder	0	0	0	0	0.00	0.00	0.00	0.00	-	-
7. Fruits & Vegetables.	0	0	4	4	0.00	0.00	0.22	0.22	0.00	0.00
8. Spices	0	1	0	1	0.00	1.89	0.00	0.05	-	100.00
9. Hosiery, Harberdasherry and Millinary.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
10. Machinery, Instruments Transport equipments.	0	0	43	63	0.00	0.00	2.36	3.46	0.00	0.00
11. Drugs and Medicines.	0	0	0	1	0.00	0.00	0.00	0.05	-	-
12. Dyes and Colours.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
13. Oil seeds, fats etc.	1	0	1	0	1.89	0.00	0.05	0.00	100.00	-
14. Chemicals	0	0	7	14	0.00	0.00	0.38	0.77	0.00	0.00
15. Dry Fruits	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16. Jute & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
17. Leather & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
18. Others	77	45	942	1360	145.28	84.91	51.79	74.77	8.17	3.31
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	363	572	0.00	0.00	19.96	31.45	0.00	0.00
d) Sugar	0	0	0	139	0.00	0.00	0.00	7.64	-	0.00
e) Miscellaneous	77	45	579	649	145.28	84.91	31.83	35.68	13.30	6.93
19. All Commodities	80	48	1266	1814	150.94	90.57	69.60	99.73	6.32	2.65
20. Tare Weight	7	5	7	5	13.21	9.43	0.38	0.27	100.00	100.00
21. Transshipment incl.tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	87	53	1273	1819	100.00	100.00	100.00	100.00	6.83	2.91

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

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

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2010-11 & 2011-12

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		2010-11	2011-12	2010-11	2011-12	2010-11	2011-12
	2010-11	2011-12	2010-11	2011-12						
1	2	3	4	5	6	7	8	9	10	11
PORT : MUMBAI										
UNLOADED										
1. Iron & Steel	36	55	2094	2190	7.23	11.04	14.46	15.13	1.72	2.51
2. Metal & Metal Products.	69	44	2267	1582	13.86	8.84	15.66	10.93	3.04	2.78
3. Chemicals	37	1	51	18	7.43	0.20	0.35	0.12	72.55	5.56
4. Paper, Newsprints etc.	7	2	8	3	1.41	0.40	0.06	0.02	87.50	66.67
5. Plastic & its products	12	7	12	7	2.41	1.41	0.08	0.05	100.00	100.00
6. Machinery/Instrument and Transport equipments.	25	20	312	350	5.02	4.02	2.15	2.42	8.01	5.71
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	2	1	2	1	0.40	0.20	0.01	0.01	100.00	100.00
8. Hair and wool	0	0	0	0	0.00	0.00	0.00	0.00	-	-
9. Rubber and its products.	2	2	2	2	0.40	0.40	0.01	0.01	100.00	-
10.Oil, fats etc.	1	0	190	273	0.20	0.00	1.31	1.89	0.53	0.00
11.Woodpulp.	0	0	130	93	0.00	0.00	0.90	0.64	0.00	0.00
4. Foodgrain (Cereals and Pulses)	0	0	745	849	0.00	0.00	5.15	5.86	0.00	0.00
13.Fertiliser & FRM	0	0	0	169	0.00	0.00	0.00	1.17	-	-
14.Industrial Alcohol & Spirits (Non-potable)	2	0	2	0	0.40	0.00	0.01	0.00	100.00	-
15.Drugs & Medicines	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16.Timber & Log	1	0	19	22	0.20	0.00	0.13	0.15	0.00	0.00
17.Others	253	279	8072	8832	50.80	56.02	55.75	61.00	3.13	3.16
a) Fruits	1	0	45	11	0.20	0.00	0.31	0.08	2.22	0.00
b) Synthetic Resin	0	1	0	1	0.00	0.20	0.00	0.01	-	0.00
c) Miscellaneous	252	278	8027	8820	50.60	55.82	55.44	60.92	3.14	3.15
18. All Commodities	447	411	13906	14391	89.76	82.53	96.05	99.40	3.21	2.86
19. Tare Weight	119	87	119	87	23.90	17.47	0.82	0.60	100.00	100.00
20.Transshipment incl.tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	566	498	14025	14478	100.00	100.00	100.00	100.00	4.04	3.44

Source: Major Ports

Table 2.1.8

Overseas Cargo of Principal Commodities Unloaded by Country - 2011-12

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														
Angola			2000					497						2497
Algeria						80		447				981		1508
Argentina														0
Australia														0
Benin														0
Brunei			250											250
CIS (Ex Russia)														0
Denmark														0
Egypt							252						77	329
Indonesia									85					85
Iran				3104		404		680	6359				4594	15141
Iraq			2319	434		2201						1765	90	6809
Ivory Cost														0
Kuwait								1389	807			2202	7181	11579
Liberia														0
Libya														0
Malaysia		121	498	937		175		67						1798
Mauritius														0
Netherland														0
Nigeria		134	519	252		162		1881	89				2058	5095
Oman														0
Pakistan														0
Qatar														0
Russia														0
Saudi Arabia		281	1766	200				943	1324			5706		10220
Singapore			3095					68	83					3246
South Korea														0
Sudan									256					256
Syria		66												66
Tunisia														0
Turkey				140					175					315
U.A.E.		247	135	1881				1518	2210			757	479	7227
Ukraine														0
Venezuela														0
Yemen									79					79
Other Countries			2136			5063		80				3081	18817	29177
Total	0	849	12718	6948	0	8337	0	7570	11467	0		492	33296	95677

Table 2.1.8

POL-PRODUCT

Bahrain	58							57						115
Bangladesh	18													18
Canada					12									12
China														0
Hong Kong														0
Indonesia					5									5
Iran										1				1
Iraq														0
Japan			41											41
North Korea														0
South Korea				6						41				47
Kuwait	403							378				66		847
Malaysia		23		30		2								55
Netherland										11				11
Norway														0
Oman	81							215						296
Pakistan												2		2
Qatar								15						15
Russia														0
Saudi Arabia	15							630					46	691
Singapore	198	316	174	23	313	238			7	77		119		1465
Taiwan				9						30				39
Thailand	16													16
Tunisia														0
U.A.E.	108						160	906	211	25		231		1641
USA				214						77				291
Other Countries	42			70	47	40	65	84	9	44	1390	417		2208
Total	42	897	316	238	322	395	52	465	2285	227	306	1390	881	7816

Table 2.1.8 Contd.

FERTILIZER

Albania														0
Australia												28		28
Baharain														0
Belarus												38		38
Brazil														0
Canada	182		175		33	69								459
China		127	1719		160	439		62			72	221		2800
CIS (Ex. Russia)					6									6
Egypt										37				37
Estonia												102		102
Ethopia														0
Germany			44			46		41						131
Indonesia		20	81											101
Iran			214		45			110				468		837
Israel						100		69				492		661
Jordan								32	41	56	90	433		652
Kuwait								56				23		79
Latvia			60											60
Lithuania						42						270		312
Malaysia			15			47								62
Mexico														0
Morocco												570		570
Netherland														0
Oman		27	305			132		157				293		914
Qatar			137									26		163
Romania														0
Russia			380			39		231				439		1089
Saudi Arabia						22		62				192		276
Singapore			30		35									65
South Korea			30											30
Sri Lanka						46								46
Thailand														0
Tunisia														0
Turkey														0
U.A.E.		24										60		84
Ukraine			363			34	27	31				344		799
United Kingdom			32											32
USA												559		559
Other Countries	14	38	134		115	95					68	739		1203
Total	14	182	236	3719	0	394	1111	115	804	93	0	230	5297	12195

FRM-DRY

Algeria	27		31										58	
Antigua		75											75	
Bahrain			10								11		21	
Belgium													0	
Chile							119						119	
China													0	
Egypt	45	190	149			133		21				507	1045	
Iran	11	174					27						212	
Israel			81								57		138	
Italy													0	
Jordan	179	2144				616						72	3011	
Kuwait	13	32	55				23						123	
Morocco		751	78			61	26						916	
Nauru	33		12									24	69	
Qatar		253	55				55					45	408	
Russia													0	
Saudi Arabia		181					23					9	213	
Sri Lanka													0	
Sudan											67		67	
Syria													0	
Togo			343										343	
Tunisia													0	
U.A.E.	29	284	17			81	42					35	488	
USA		41											41	
Ukraine														
Vietnam		92											92	
Yemen													0	
Other Countries		330	1		249						50	58	688	
Total	0	337	4547	832	0	249	891	315	21	0	0	174	761	8127

FRM-LIQUID

Australia														0
Bahrain						34			7					41
Bangladesh	5		9											14
Belgium														0
Germany														0
Indonesia														19
Iran		98	120					8	9			30		265
Israel														65
Japan		173	90											263
Jordan														0
Kuwait								6						18
Malaysia	53	73												126
Mauritius														0
Morocco	338	186	10					81	127	275	80			1097
Oman			76										30	106
Qatar		46	24			55			20					145
Russia														0
Saudi Arabia	25	315	19			22		8	11				18	418
Senegal													30	30
Singapore			31										20	51
South Africa								13	12					33
South Korea			112											133
Tunisia														25
USA								7					60	67
U.A.E.			74			157								231
U.K														0
Ukraine														0
Other Countries		10	239			37	12			41			1333	1672
Total	0	431	1423	579	0	37	123	123	186	316	80	0	1521	4819

FOOD GRAIN

Australia												50		50
Canada			126							19		568		713
China												54		54
Dubai														0
Indonesia														0
Japan														0
Jordan														0
Myanmar														0
Russia												59		59
Taiwan														0
Vietnam														0
Others														0
Total	0	0	0	126	0	0	0	0	0	0	19	118	0	118
Total	0	0	0	126	0	0	0	0	0	0	19	849	0	994

IRON & STEEL

Australia													22	22
Bangladesh														1
Brazil														0
Belgium			2									14		16
China	6		194	24								252	1057	1606
CIS(Ex. Russia)												27		27
Egypt												7		7
France												35		35
Germany												3		3
Indonesia												8		8
Iran														0
Italy														0
Japan	38	21										165	175	861
North Korea		15											440	455
South Korea		35	6											226
Malaysia			4									9		13
Myanmar														0
Netherland														0
Panama														0
Romania														0
Russia				11									270	291
Singapore			10	18								96		129
Saudi Arabia				10										10
Spain														0
Sri Lanka	1													1
Swedon														0
Taiwan														0
Turkey														0
U.A.E.													5	5
Ukraine													379	402
UK													23	30
USA												2		2
Other Countries	19		7									344	1038	1433
Total	64	71	223	63	0						0	963	3359	5583

EDIBLE OIL

Argentina	242				8					141			391	
Brazil	14									24			38	
China													0	
CIS (Ex Russia)					291								291	
France													0	
Indonesia	665	49			594	173		328		372			2181	
Macedonia													0	
Malaysia	42				169	69		217		239	128		864	
<u>Qatar</u>													0	
Romania													0	
Russia													0	
Singapore	122									9			131	
Saudi Arabia										12			12	
Sydney													0	
Thailand	8					3							11	
Ukraine	7							78		188			273	
UAE	8												8	
USA	13												13	
Other Countries	628	64	10	6	60			12		10	64		854	
Total	628	1185	59	6	0	1122	245	0	635	0	995	192	0	5067

COAL (COKING)

Australia	3897	2209	5636	405	189			282	3840			156	16614	
Canada	22							72	123				217	
China	17	22		38	13								90	
CIS (Ex Russia)													0	
Colombia				22									22	
Egypt													0	
Indonesia		61			43			2523	72				2699	
Iran			30										30	
Japan													0	
New Zealand	325	122	345										792	
Poland													0	
Russia								78	77				155	
Singapore	24								55				79	
South Africa		54	22					956	1243				2275	
Ukraine		60											60	
USA	622	2381	747		106				223				4079	
Vietnam		72											72	
Other Countries	3	32	120					94	6				255	
Total	3	4939	5101	6780	465	351	0	0	4005	5639	0	0	156	27439

COAL (THERMAL)

Australia			77							230			79	386
China													22	22
Indonesia			1518		4189		1256	34		298		4346	3045	14686
Phillipines														0
Russia														0
South Africa					252					581		243	577	1653
Spain													109	109
Thailand														0
USA					86								45	131
UAE														0
Ukraine													32	32
Other Countries			4752		44					54		33	140	5023
Total	0	0	6347	0	4571	0	1256	34	0	1163	0	4622	4049	22042

IRON ORE / PELLETS

Bahrain													100	100
Brazil														0
China														0
Finland													214	214
Qatar													40	40
Russia														0
South Africa										49				49
Ukraine													187	187
Vietnam			5											5
Other Countries							46			50			54	150
Total	0	0	5	0	0	46	0	0	0	99	0	0	595	745

OTHER ORES

Australia		391	48	174			244						12	869
Canada							11							11
Chile							484							484
China		102												102
Egypt														0
Gabon		70		132										202
Indonesia				41			157							198
Iran									77					77
Japan		10												10
Oman							10							10
Peru							33							33
South Africa		508	92	369									7	976
Thailand							33							33
Turkey							24							24
USA														0
Other Countries	3	35		24			171		111				19	363
Total	3	1116	140	740	0	0	1167	0	188	0	0	0	38	3392

Table 2.1.9

Overseas Cargo of Principal Commodities Loaded by Country (Port-wise) - 2011-12

(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														
Belgium														0
China						25			42					67
Egypt														0
France														0
Guyan														0
Indonesia								40			1		173	214
Japan		16						105	237		71		100	529
Kenya									38			50		88
North Korea														0
South Korea		16		154				117	110		74		68	539
Liberia														0
Malaysia		16		70		41					23		239	389
Maldives														0
Malta									75					75
Mauritius									1088					1088
Namibia														0
Oman		5						34			20			59
Pakistan														0
Qatar									381					381
Saudi Arabia									38				55	93
Singapore		582		642		758		265	2492		145	136	2195	7215
Sri Lanka				23				114						137
Slovenia								62						62
Taiwan				40					251		218		269	778
Tanzania														0
U.A.E.		37						57	232		111	755	68	1260
Ukraine								328						328
USA											1			1
Yemen									42					42
Other Countries	76	18	0	9	0	93	0	1122	427	0	3	219	2469	3314
Total	76	690	0	938	0	917	0	1122	5453	0	667	1160	5636	16659

Overseas Cargo of Principal Commodities Loaded by Country (Port-wise) - 2011-12

(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															
Australia							24							24	
Canada														0	
China				6										6	
France														0	
Indonesia					75		69							144	
Iran													177	177	
Italy														0	
Japan				22										22	
Kuwait													108	108	
Malaysia						7	105							112	
Maldives							20							20	
Mozambique														0	
Oman									14			12	33	59	
Saudi Arabia													211	211	
Somalia												18	26	44	
Sudan														0	
Taiwan				22			42							64	
Thailand				6										6	
U.A.E.									25				20	45	
Vietnam				200			7						34	241	
Other Countries			3	22		183	30		19			15	682	954	
Total	0	3	0	353	0	190	297	0	58	0	0	45	1291	2237	

Overseas Cargo of Principal Commodities Loaded by Country (Port-wise) - 2011-12

(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														
Algeria													15	15
Bangladesh	2		1											3
Belgium				27								131		158
Brazil													5	5
China														0
Indonesia														0
Iran				11										11
Italy				7								51	5	63
Japan												7		7
Kuwait														0
Malaysia														0
Maldives							6							6
Myanmar	3													3
Philippines														0
Qatar														0
Saudi Arabia				168										168
South Korea				120										120
Singapore				52									3	55
Sri Lanka	5			29										34
Sudan				4										4
Taiwan				53										53
Thailand				33										33
U.A.E.			2	11										13
United Kingdom				8										8
USA										105		158		263
Vietnam														0
Other Countries	11			57								225		293
Total	21	0	3	580	0	0	6	0	0	105	0	572	28	1315

Overseas Cargo of Principal Commodities Loaded by Country (Port-wise) - 2011-12

(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														
Bangladesh			31											31
China		3943	6486	6218		51	33		649	26437				43817
Itlay										68				68
Japan				82						2021				2103
Kuwait														0
Malaysia			34											34
South Korea										150				150
Netherlands										159				159
Pakistan				24										24
Phillipines														0
Romania														0
Saudi Arabia														0
U.A.E.										53				53
United Kingdom														0
Vietnam														0
Other Countries										44				44
Total	0	3943	6551	6324	0	51	33	0	649	28932	0	0	0	46483

Overseas Cargo of Principal Commodities Loaded by Country (Port-wise) - 2011-12

(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														
Banagladesh			60											60
Brazil														0
China			114				23						13	150
France													16	16
Indonesia													26	26
Iraq						9								9
Italy													26	26
Japan			10				38							48
Kuwait													18	18
Poland								130						130
Singapore			25											25
Spain														0
South Korea			110											110
Maldives														0
Malaysia			102			8	40						84	234
Mexico														0
Netherlands													16	16
Saudi Arabia													7	7
South Africa														0
USA						186	18							204
Other Countries			52	116		360	11						26	565
Total	0	0	473	116	0	563	260	0	0	0	0	0	232	1644

Table 2.1.10

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

Port	Container Cargo			Tare Weight			Container Traffic		
	2009-10	2010-11	2011-12	2009-10	2010-11	2011-12	2009-10	2010-11	2011-12
1	2	3	4	5	6	7	8	9	10
Kandla	2110	2258	2457	322	328	335	2432	2586	2792
Mumbai*	496	510	442	111	143	109	607	653	551
J.L.Nehru*	44664	47617	49262	8432	8809	8971	53096	56426	58233
Mormugao	192	182	231	37	38	48	229	220	279
N.Mangalore	405	480	546	70	88	99	475	568	645
Cochin	3288	3737	3733	641	682	982	3929	4419	4715
Tuticorin	5743	7261	8295	856	908	932	6599	8169	9227
Chennai**	20820	26148	26751	2657	3273	3325	23477	29421	30076
Visakhapatnam	1462	2245	3532	216	327	681	1678	2572	4213
Paradip	44	61	92	8	8	17	52	69	109
Haldia Dock Complex	1829	2505	2318	239	330	301	2068	2835	2619
Kolkata Dock System	5814	5405	5899	831	815	919	6645	6220	6818
Total	86867	98409	103558	14420	15749	16719	101287	114158	120277

** Includes 89 Container Cargo and 12 Tare weight on account of shifting. * Tare Weight includes Transhipment

Source: Major Ports

Table 2.1.11 Reefer Container Traffic at Major Ports - 2010-11 & 2011-12

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	2010-11	802	14383	1624	40166	676	9576	900	5192
	2011-12	952	12576	2327	65439	877	8247	2243	17762
Haldia Dock Complex	2010-11	-	-	-	-	10	200	4	140
	2011-12	-	-	-	-	-	-	1	29
Paradip	2010-11	-	-	-	-	-	-	-	-
	2011-12	-	-	-	-	-	-	-	-
Visakhapatnam	2010-11	423	11181	3864	58064	340	2022	728	8618
	2011-12	586	17784	6838	93326	511	2460	3206	8411
Chennai	2010-11	1365	...	14522	...	1342	...	9632	...
	2011-12	1213	...	13122	...	1440	...	14048	...
Tuticorin	2010-11	687	21598	5458	95297	571	1683	5068	88487
	2011-12	649	16224	6114	154124	640	8572	4642	55531
Cochin	2010-11	833	12218	11298	161209	702	2637	10550	29716
	2011-12	1326	13223	14849	199953	1705	4995	12708	39600
New Mangalore	2010-11	39	765	2788	47657	38	114	2598	5654
	2011-12	31	676	3266	55972	36	108	3526	7662
Mormugao	2010-11	4	9	3000	40678	30	112	3122	10522
	2011-12	15	55	3410	49730	10	151	3220	10395
J.L.Nehru	2010-11	3218	49791	123332	2610568	2419	32895	28928	323282
	2011-12	3466	46915	139232	1978212	2640	36577	39666	309606
Mumbai	2010-11	-	-	-	-	4	38	30	288
	2011-12	-	-	-	-	2	34	-	-
Kandla	2010-11	18	299	42	500	3	13	28	355
	2011-12	26	392	-	-	15	245	20	226
Total	2010-11	7389	110244	165928	3054139	6135	49290	61588	472254
	2011-12	8264	107845	189158	2596756	7876	61389	83280	449222

(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 - 2010-11& 2011-12

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									
2010-11	1595	991	2586	2965	5718	8683	53.8	17.3	29.8
2011-12	1813	979	2792	4401	4881	9282	41.2	20.1	30.1
MUMBAI									
2010-11	87	566	653	1273	14025	15298	6.8	4.0	4.3
2011-12	53	498	551	1819	14478	16297	2.9	3.4	3.4
J. L. NEHRU									
2010-11	26966	29460	56426	26970	29671	56641	100.0	99.3	99.6
2011-12	28492	29741	58233	28506	29859	58365	100.0	99.6	99.8
MORMUGAO									
2010-11	95	125	220	474	179	653	20.0	69.8	33.7
2011-12	111	168	279	684	171	855	16.2	98.2	32.6
NEW MANGALORE									
2010-11	344	224	568	405	693	1098	84.9	32.3	51.7
2011-12	356	289	645	505	909	1414	70.5	31.8	45.6
COCHIN									
2010-11	2177	2242	4419	2179	2576	4755	99.9	87.0	92.9
2011-12	1854	2861	4715	1855	2967	4822	99.9	96.4	97.8
TUTICORIN									
2010-11	4931	3238	8169	6125	4187	10312	80.5	77.3	79.2
2011-12	6129	3098	9227	7451	5162	12613	82.3	60.0	73.2
CHENNAI									
2010-11	14381	15040	29421	15938	16650	32588	90.2	90.3	90.3
2011-12	14536	15540	30076	16254	16912	33166	89.4	91.9	90.7
VISAKHAPATNAM									
2010-11	1330	1242	2572	2062	1572	3634	64.5	79.0	70.8
2011-12	2046	2167	4213	2891	2642	5533	70.8	82.0	76.1
PARADIP									
2010-11	66	3	69	66	234	300	100.0	1.3	23.0
2011-12	100	9	109	102	264	366	98.0	3.4	29.8
KOLKATA DOCK SYSTEM									
2010-11	2799	3421	6220	3800	4967	8767	73.7	68.9	70.9
2011-12	3255	3563	6818	4254	5007	9261	76.5	71.2	73.6
HALDIA DOCK COMPLEX									
2010-11	1512	1323	2835	1523	1565	3088	99.3	84.5	91.8
2011-12	1279	1340	2619	1280	1636	2916	99.9	81.9	89.8
TOTAL									
2010-11	56283	57875	114158	63780	82037	145817	88.2	70.5	78.3
2011-12	60024	60253	120277	70002	84888	154890	85.7	71.0	77.7

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

* Includes tare weight also

Table 2.1.13 Inland Container Movement At Major Ports - 2010-11 & 2011-12

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	2010-11	3656	...	3451	...	19037	...	1604	...	27748	...
	2011-12	3202	...	5617	...	17961	...	3633	...	30413	...
Haldia Dock Complex	2010-11	9568	116465	77934	1317099	8974	114718	70623	1247615	167099	2795897
	2011-12	12194	170079	72563	1112949	12048	102001	65811	1161117	162616	2546146
Paradip	2010-11	...	...	...	...	...	...	...	...	...	-
	2011-12	...	...	...	...	...	...	...	...	...	-
Visakhapatnam	2010-11	73	189	49447	1329868	407	9882	50748	1232318	100675	2572257
	2011-12	197	452	127156	2028181	1161	22006	119169	2145061	247683	4195700
Chennai	2010-11	-	...	515337	...	33424	...	551553	...	1100314	-
	2011-12	-	...	473410	...	27584	...	527328	...	1028322	-
Tuticorin	2010-11	-	-	241522	4930807	-	-	226230	3237795	467752	8168602
	2011-12	-	-	245639	6128807	-	-	231457	3098352	477096	9227159
New Mangalore	2010-11	-	-	20001	343773	-	-	20157	224089	40158	567862
	2011-12	70	166	22396	355390	-	-	22543	289749	45009	645305
Cochin	2010-11	3643	70369	107528	1352293	321	6319	105434	2325056	216926	3754037
	2011-12	7348	115500	7629	86839	1092	17681	2	29	16071	220049
Mormugao	2010-11	-	-	7003	64229	-	-	8341	88786	15344	153015
	2011-12	-	-	9358	73367	-	-	9888	109542	19246	182909
J.L.Nehru(a)	2010-11	290368	4558841	733575	11831285	262231	5244732	735662	13506837	2021836	35141695
	2011-12	185178	3486662	811498	14446013	251022	5242028	852286	14928161	2099984	38102864
Mumbai	2010-11	370	2268	4466	17494	90	856	25962	162911	30888	183529
	2011-12	-	-	1721	8850	-	-	26326	198617	28047	207467
Kandla	2010-11	-	-	72990	1590346	-	-	86753	985525	159743	2575871
	2011-12	-	-	73988	1771640	-	-	91544	954770	165532	2726410
Total	2010-11	307678	4748132	1833254	22777194	324484	5376507	1883067	23010932	4348483	55912765
	2011-12	208189	3772859	1850975	26012036	310868	5383716	1949987	22885398	4320019	58054009

(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 -
2010-11 & 2011-12**

PORT	2010-11				2011-12			
	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	7107	20641	27748	377135	8823	21594	30417	316935
Haldia Dock Complex	630	—	630	149339	0	0	0	115270
Paradip	-	-	0	3527	-	-	0	7853
Visakhapatnam	73	407	480	145374	197	1161	1358	234345
Chennai	40697	35509	76206	1485264	38125	45434	83559	1555021
Tuticorin	7661	796	8457	467752	19196	6406	25602	477096
Cochin	7318	355	7673	309708	14977	1094	16071	336839
New Mangalore	-	-	0	40158	0	0	0	45009
Mormugao	-	-	0	17602	0	0	0	22007
J.L.Nehru	290368	262231	552599	4332361	185178	251022	436200	4316486
Mumbai	370	90	460	72472	94	0	94	56276
Kandla	0	0	0	160213	0	0	0	167771
All Ports	354224	320029	674253	7560905	266590	326711	593301	7650908

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

Source: Major Ports

Table

Selected Physical Performance Indicators - By Type of Vessels - 2010-11&2011-12

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						
2010-11	1644	4588	7290	2904	5604	22022*
2011-12	1557	4157	7035	3035	5390	21163
2. Av. pre-berthing waiting time(days)						
2010-11	3.52	4.12	2.40	2.27	0.78	2.32
2011-12	3.52	4.12	1.74	2.66	0.77	2.05
3. Av. turn round time (days)						
2010-11	7.18	8.96	3.83	7.72	2.41	5.29
2011-12	5.71	7.68	3.23	6.93	2.17	4.56
4. Percentage of idle time at berth to time at working berth						
2010-11	23.8	22.8	24.7	29.3	19.1	23.7
2011-12	23.8	21.5	23.1	28.9	18.5	23.3
5. Av. Output per ship berth day (tonnes)						
2010-11	13114	6773	16073	1922	17583	9140
2011-12	17740	7712	16533	1989	16968	10575

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 -2010-11 & 2011-12

Item	Kolkata Dock/_1 System	Haldia Dock Complex	Paradip	Visakha-patnam	Ennore /_4	Chennai	Tuti-Corin	Cochin	New Man-galore	Mormu-gao /_2	J.L. Nehru	Mumbai /_3	Kandla	All Ports
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1. No. of vessels sailed														
2010-11	1301	2189	1487	2469	293	2181	1402	819	1097	853	3100	2092	2692	22022
2011-12	1203	1982	1328	2432	385	2043	1376	833	1136	785	2929	2017	2714	21163
2. Av. pre-berthing waiting time(days)														
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
2011-12	0.77	2.54	3.69	2.84	0.76	1.16	1.91	1.05	0.79	2.94	1.13	1.37	3.74	2.05
3. Av. turn round time (days)														
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
2011-12	5.45	3.62	6.33	5.68	2.17	3.91	4.94	1.82	2.95	7.68	1.94	5.22	6.42	4.56
4. Percentage of Idle time at berth to time at working berth														
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
2011-12	35.0	37.0	24.1	24.2	7.4	22.3	26.4	22.0	15.8	20.2	23.7	16.9	15.9	23.3
5. Av. Output per ship berth day (tonnes)														
2010-11	2253	6563	14243	10334	17699	10984	7035	11752	14211	4409	20393	6042	14137	9140
2011-12	2503	6728	15995	10704	27505	10352	6733	15784	13957	10530	19227	6476	14272	10575

/_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 -2010-11&2011-12**

Port	Type of Vessel											
	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (Conv.)		Liquid Bulk		All Types	
	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12
1	2	3	4	5	6	7	8	9	10	11	12	13
Kolkata Dock System	570	577	358	327	0	0	105	60	269	239	1301	1203
Haldia Dock Complex \$	355	291	55	57	291	226	532	555	998	853	2189	1982
Paradip	14	28	22	75	440	376	659	532	352	317	1487	1328
Visakhapatnam	277	351	166	219	233	189	1015	958	778	715	2469	2432
Ennore	0	0	22	52	175	241	9	0	87	92	293	385
Chennai	812	789	558	524	28	1	281	222	502	507	2181	2043
Tuticorin @	379	365	411	360	123	130	275	295	214	226	1402	1376
Cochin	360	389	38	35	29	34	19	16	373	359	819	833
New Mangalore	80	80	89	157	60	53	168	153	700	693	1097	1136
Mormugao#	27	48	7	37	265(d)	307#	404(d)	251#	160	153	853	785
J.L.Nehru	2490	2233	60	168	0	0	71	67	479	461	3100	2929
Mumbai	14	14	715	568	0	0	336	333	1027	1102	2092	2017
Kandla	226	225	431	456	0	0	684	715	1351	1318	2692	2714
All Ports	5604	5390	2904	3035	1644	1557	4588	4157	7290	7035	22022	21163

@ excluding 46 Passenger vessels and 70 small vessele handled at Zone "B"

\$ Vessels worked at verious anchorage point kolkata port trust

#11 vessels double counted for dry bulk mech./ dry bulk conv. are counted only once in the total in 2011-12.

Source: Major Ports

Table 2.1.18
Average Pre-berthing Detention By Type of Vessels - 2010-11 & 2011-12

(In Days)

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12
1	2	3	4	5	6	7	8	9	10	11	12	13
Kolkata Dock System	0.67	0.61	1.25	0.77	-	-	3.08	1.41	1.66	0.99	1.23	0.77
Haldia Dock Complex	1.33	0.70	7.38	4.55	2.97	1.60	5.99	3.08	3.39	2.94	3.73	2.54
Paradip	0.78	1.12	-	6.35	2.69	2.39	8.38	5.81	1.87	1.28	5.04	3.69
Visakhapatnam	0.25	0.81	3.46	3.94	4.76	4.84	3.65	3.48	1.92	2.11	2.81	2.84
Ennore	-	-	-	1.21	0.58	0.91	2.10	-	0.14	0.11	0.65	0.76
Chennai	0.37	0.68	1.14	0.87	1.58	0.76	1.34	1.00	4.29	2.28	1.61	1.16
Tuticorin	0.61	0.43	1.63	2.76	1.35	2.41	2.04	3.05	0.85	1.14	1.29	1.91
Cochin	0.97	0.98	0.88	0.34	3.17	2.54	0.25	0.53	0.96	1.07	1.03	1.05
New Mangalore	0.19	0.05	0.40	0.48	0.56	0.44	0.75	0.53	0.72	1.03	0.59	0.79
Mormugao	0.14	0.05	3.31	0.81	8.13	4.77	3.00	2.88	0.71	0.80	4.07	2.94
J.L.Nehru	0.95	0.83	2.09	1.03	-	-	2.43	1.94	4.27	2.55	1.51	1.13
Mumbai	0.96	1.25	1.22	1.64	-	-	0.40	0.47	1.51	1.50	1.23	1.37
Kandla	0.76	1.38	6.21	7.76	-	-	5.02	5.82	1.97	1.62	3.32	3.74
All Ports	0.78	0.77	2.27	2.66	3.52	3.52	4.12	4.12	2.40	1.74	2.32	2.05

Source: Major Ports

Table 2.1.19**Average Turn Round Time - By Type Of Vessels - 2010-11 & 2011-12**

(In Days)

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12
1	2	3	4	5	6	7	8	9	10	11	12	13
Kolkata Dock System	4.45	4.21	9.09	8.68	-	-	10.68	6.47	4.52	3.77	6.21	5.45
Haldia Dock Complex	2.90	2.43	6.65	7.28	4.30	4.06	8.29	5.14	2.85	2.67	4.45	3.62
Paradip	2.15	2.59	9.72	10.41	4.77	4.49	12.12	9.36	3.31	2.80	7.73	6.33
Visakhapatnam	1.12	1.95	8.06	7.95	8.07	7.55	7.80	7.43	3.82	3.96	5.84	5.68
Ennore	0.00	0.00	0.00	1.60	3.21	2.71	9.92	0.00	1.01	1.06	2.78	2.17
Chennai	1.73	2.46	4.97	4.33	3.97	2.90	6.53	6.39	6.73	4.64	4.36	3.91
Tuticorin	1.70	1.54	5.04	6.70	4.91	6.64	5.93	7.60	3.09	3.21	4.00	4.94
Cochin	1.78	0.96	3.79	3.74	7.24	5.90	5.65	6.16	1.87	1.98	2.20	1.82
New Mangalore	1.65	1.62	3.52	3.43	2.35	2.52	4.05	4.04	2.43	2.78	2.70	2.95
Mormugao	2.70	1.95	12.18	5.33	13.94	9.78	11.96	9.93	1.99	2.13	10.43	7.68
J.L.Nehru	1.92	1.77	4.30	1.61	0.00	0.00	5.86	4.16	5.77	2.59	2.64	1.94
Mumbai	3.28	4.72	4.75	6.19	0.00	0.00	9.60	8.95	3.61	3.61	4.96	5.22
Kandla	2.17	3.00	11.07	12.72	0.00	0.00	8.12	9.00	3.75	3.42	5.90	6.42
All Ports	2.41	2.17	7.72	6.93	7.18	5.71	8.96	7.68	3.83	3.23	5.29	4.56

Source: Major Ports

Table 2.1.20**Percentage Of Idle Time At Working Berth To Time At Working Berth - By Type Of Vessels - 2010-11 & 2011-12**

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12
1	2	3	4	5	6	7	8	9	10	11	12	13
Kolkata Dock System	27.8	22.1	40.3	39.5	-	-	45.7	45.1	42.9	41.1	38.4	35.0
Haldia Dock Complex	26.9	28.7	32.6	23.6	36.0	39.1	37.8	43.6	39.0	33.4	36.4	37.0
Paradip	22.0	22.2	23.9	58.5	37.9	31.8	30.8	21.3	-	0.0	28.4	24.1
Visakhapatnam	21.5	17.3	23.4	22.6	45.8	41.5	23.6	21.0	34.1	30.1	27.8	24.2
Ennore	-	-	-	-	30.5	9.6	-	-	-	0.0	21.5	7.4
Chennai	...	...	35.4	38.6	44.6	42.9	29.6	27.9	19.5	18.6	24.0	22.3
Tuticorin	1.2	1.1	35.7	36.4	15.5	14.5	28.6	29.0	21.9	24.6	25.8	26.4
Cochin	39.6	27.5	21.8	22.5	12.4	8.0	23.2	39.2	15.0	21.6	23.8	22.0
New Mangalore	15.2	15.9	26.5	19.7	16.7	18.9	21.0	14.3	16.8	14.6	19.1	15.8
Mormugao	3.8	7.1	14.6	14.3	12.4	18.3	20.8	21.6	32.1	32.5	18.6	20.2
J.L.Nehru	10.6	26.6	10.1	13.7	-	-	6.0	7.3	22.5	19.8	12.6	23.7
Mumbai	22.0	25.9	28.8	25.7	-	-	4.2	5.2	23.3	23.5	16.8	16.9
Kandla	24.6	25.0	9.5	9.0	-	-	15.1	13.0	23.3	22.1	16.9	15.9
All Ports	19.1	18.5	29.3	28.9	23.8	23.8	22.8	21.5	24.7	23.1	23.7	23.3

Source: Major Ports

Table 2.1.21**Average Output Per Ship Berthday - By Type Of Vessels - 2010-11 & 2011-12****(Tonnes)**

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12
1	2	3	4	5	6	7	8	9	10	11	12	13
Kolkata Dock System	5503	5768	2184	1833	-	0	1481	1892	2838	2817	2253	2503
Haldia Dock Complex	5057	5369	997	816	8629	8242	8629	6484	9849	8608	6563	6728
Paradip	3337	2717	845	848	20887	22956	20887	10503	30082	37757	14243	15995
Visakhapatnam	11745	11511	1472	1635	23257	26087	23257	8956	15221	16098	10334	10704
Ennore	-	0	-	25398	21402	31395	21402	0	8368	7768	17699	27505
Chennai	27343	22077	1545	1783	28805	13717	28805	6888	13731	12840	10984	10352
Tuticorin	20369	24004	2182	1781	12603	10754	12603	6064	3636	3934	7035	6733
Cochin	8994	19988	545	870	2995	3458	2995	4018	21229	22762	11752	15784
New Mangalore	5101	5359	1075	1133	23520	19097	23520	12172	19814	20259	14211	13957
Mormugao	2743	2659	1778	3469	8434	16916	8434	6394	7778	7265	4409	10530
J.L.Nehru	27258	23763	1111	742	-	0	-	3832	10381	10994	20393	19227
Mumbai	4946	3645	2589	2385	-	0	-	4626	13473	14115	6042	6476
Kandla	9195	8407	3602	3713	-	0	10621	11831	25858	25309	14137	14272
All Ports	17583	16968	1922	1989	13114	17740	6773	7712	16073	16533	9140	10575

Source: Major Ports

Table 2.1.22

Commodity-wise Average Pre-Berthing Detention - 2010-11 & 2011-12

(In Days)

Port Commodity	Year	Kolkata a Dock System	Haldia Dock Comple	Paradip	Visakha khapatn am	Ennore	Chennai	Tuticorin	Cochin	New Manglore	Mormuga o	J L Nehru	Mumbai	Kandla
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL(Crude)	2011-12	-	0.93	1.98	0.89	-	3.60	-	1.21	1.21	-	1.93	2.34	1.56
	2010-11	-	1.51	2.87	1.34	-	4.67	-	0.79	1.01	-	3.36	2.18	1.24
POL(Product)	2011-12	0.81	3.32	0.84	1.47	-	2.89	1.27	1.21	1.04	0.87	-	1.12	1.75
	2010-11	1.37	4.65	1.77	1.77	-	7.46	0.39	1.26	0.65	0.73	-	1.57	1.56
LPG	2011-12	-	5.96	-	11.85	-	-	0.67	-	1.20	-	-	-	4.20
	2010-11	-	2.86	-	5.80	-	-	0.71	-	0.74	-	-	-	2.91
Iron Ore	2011-12	-	5.30	8.77	5.10	-	0.80	2.11	-	0.27	4.67	-	-	2.32
	2010-11	6.60	5.39	8.23	4.99	2.10	1.37	1.77	-	0.45	5.49	-	-	3.80
Coking Coal	2011-12	-	0.77	3.25	3.16	-	0.66	-	-	0.49	2.54	-	-	2.54
	2010-11	1.68	3.09	4.54	3.29	-	1.00	-	-	0.52	1.28	-	-	4.13
Thermal Coal	2011-12	-	0.82	0.28	0.93	0.91	0.77	2.43	1.90	-	1.69	-	-	3.77
	2010-11	-	1.16	0.28	1.30	0.58	1.18	1.33	0.33	-	2.18	-	-	3.73
Fertilisers	2011-12	3.49	1.27	0.37	4.19	-	0.91	2.09	0.29	0.90	-	-	3.14	2.01
	2010-11	-	9.64	2.88	4.65	-	1.54	1.02	0.25	0.17	0.94	-	-	1.56
FRM (Dry)	2011-12	-	3.95	3.01	2.69	-	0.81	2.09	2.02	0.27	-	-	0.00	9.08
	2010-11	2.03	11.44	2.24	3.92	-	1.91	1.78	3.84	0.04	-	-	0.23	8.18
Other Dry Bulk	2011-12	-	2.81	5.91	3.36	-	1.01	3.36	2.05	0.77	0.58	1.94	1.89	7.51
	2010-11	1.10	5.13	9.87	3.23	-	1.39	2.21	1.47	0.48	1.31	2.19	2.00	6.63
Other Lqd. Bulk	2011-12	1.10	2.25	1.31	1.47	0.11	0.67	1.21	0.38	0.65	0.69	3.14	1.44	1.44
	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
General Cargo	2011-12	0.58	4.55	6.35	3.94	1.21	0.87	2.48	0.34	0.48	0.81	1.03	1.64	7.76
	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
Containers	2011-12	0.61	0.70	1.12	0.81	-	0.68	0.61	0.98	0.05	0.05	0.83	1.25	1.38
	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
Total	2011-12	0.77	2.54	3.69	2.84	0.76	1.16	1.91	1.05	0.79	2.94	1.13	1.37	3.74
	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

(a) Included in POL Products

Source: Major Ports

Table 2.1.23

Commodity-wise Average Turn Round Time 2010-11 & 2011-12

(In Days)

Port --->	Year	Kolkata Dock System	Haldia Dock Complex	Paradip	Visakhakhapatnam	Ennore	Chennai	Tuticorin	Cochin	New Manglore	Mormugao	J.L.Nehru	Mumbai	Kandla	
Commodity	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL (Crude)	2011-12	-	1.49	4.02	2.64	-	5.64	-	1.75	2.67	-	2.22	4.56	3.48	
	2010-11	-	1.40	6.00	3.12	-	7.12	-	1.55	2.53	-	4.67	4.02	3.22	
POL(Product)	2011-12	3.43	2.27	2.01	3.46	-	5.21	2.95	2.37	2.73	2.27	-	3.56	3.84	
	2010-11	4.00	2.50	2.82	3.84	-	10.20	1.68	2.24	2.29	2.05	-	3.82	3.41	
LPG	2011-12	-	2.25	-	14.40	-	-	2.15	-	3.93	-	-	-	7.41	
	2010-11	-	2.13	-	8.10	-	-	2.36	-	3.38	-	-	-	5.83	
Iron Ore	2011-12	-	6.08	11.85	7.84	-	3.65	4.82	-	2.40	11.62	-	4.12	4.75	
	2010-11	16.34	6.59	11.21	8.16	9.92	3.90	4.72	-	2.91	13.61	-	7.05	6.38	
Coking Coal	2011-12	-	3.36	7.29	7.20	-	4.73	-	-	3.21	6.08	-	6.00	4.73	
	2010-11	6.71	4.96	8.60	7.40	-	4.61	-	-	3.05	8.03	-	7.61	7.16	
Thermal Coal	2011-12	-	2.96	1.74	2.84	2.71	5.10	6.71	4.43	-	4.30	-	9.66	18.25	
	2010-11	-	3.21	1.76	3.66	3.21	5.45	4.86	2.67	-	5.35	-	9.17	7.36	
Fertilisers	2011-12	16.86	6.06	6.61	9.49	-	9.93	8.26	9.62	7.32	4.68	-	30.05	6.66	
	2010-11	23.03	21.37	10.60	10.11	-	9.36	6.28	5.23	6.37	7.52	-	20.75	5.23	
FRM (Dry)	2011-12	-	8.16	5.98	9.72	-	5.67	6.50	10.72	2.38	-	-	13.07	12.90	
	2010-11	14.09	11.07	5.36	10.55	-	7.59	5.71	13.08	2.42	-	-	13.08	10.34	
Other Dry Bulk	2011-12	6.38	5.56	9.30	7.59	-	5.30	7.61	4.06	4.54	4.06	5.95	11.42	11.41	
	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	
Other Lqd. Bulk	2011-12	3.95	3.33	2.89	2.95	1.06	3.31	3.64	1.04	1.79	1.86	2.94	3.14	2.97	
	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	
General Cargo	2011-12	7.26	7.35	10.41	7.95	1.60	4.33	6.01	3.74	3.43	5.33	1.61	6.19	53.94	
	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	
Containers	2011-12	4.21	2.43	2.59	1.95	-	2.46	1.99	0.96	1.62	1.95	1.77	4.72	3.00	
	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	
Total	2011-12	5.45	3.62	6.33	5.68	2.17	3.91	4.94	1.82	2.95	7.68	1.94	5.22	6.42	
	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	

Source: Major Ports

Table 2.1.24

Commodity-wise Average Non-Working Time at Berth - 2010-11 & 2011-12

(In Days)

Port --->	Year	Kolkata Dock System	Haldia Dock Complex	Paradip	Visakhakhapatnam	Ennore	Chennai	Tuticorin	Cochin	New Mangalore	Mormugao	J.L.Nehru	Mumbai	Kandla	
Commodity	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL(Crude)	2011-12	-	0.42	...	0.57	-	0.34	-	0.29	0.22	-	0.17	0.37	0.17	
	2010-11	-	0.33	...	0.66	-	0.35	-	0.26	0.27	-	0.28	0.40	0.18	
POL(Product)	2011-12	0.82	0.43	...	0.58	-	0.42	0.55	0.47	0.29	0.42	-	0.44	0.44	
	2010-11	0.78	0.44	...	0.64	-	0.46	0.44	0.26	0.37	0.41	-	0.59	0.39	
LPG	2011-12	-	0.42	-	0.56	-	-	0.43	...	0.25	-	-	-	0.50	
	2010-11	-	0.40	-	0.56	-	-	0.41	...	0.22	-	-	-	0.52	
Iron Ore	2011-12	-	1.84	1.20	0.78	...	1.05	0.13	-	0.41	1.46	-	-	0.32	
	2010-11	6.46	1.25	1.40	0.92	...	0.94	0.98	-	0.65	1.50	-	-	0.29	
Coking Coal	2011-12	-	0.93	0.68	0.83		1.18	-	-	0.32	0.53	-	-	0.26	
	2010-11	1.54	0.99	0.77	0.77		0.98	-	-	0.32	1.91	-	-	0.27	
Thermal Coal	2011-12	-	0.81	0.63	0.50	0.17	1.12	0.63	0.94	-	0.38	-	-	0.25	
	2010-11	-	0.78	0.74	0.69	0.76	1.07	0.55	2.13	-	0.22	-	-	0.29	
Fertilisers	2011-12	5.97	1.06	1.48	0.92	-	2.59	1.47	3.24	0.84	0.52	-	4.04	0.33	
	2010-11	10.52	3.26	1.93	1.23	-	2.15	1.34	0.88	1.55	0.79	-	-	0.42	
FRM (Dry)	2011-12	-	2.18	-	1.66	-	1.41	1.28	0.29	0.50	-	-	0.66	0.27	
	2010-11	4.65	1.64	-	1.79	-	1.51	1.03	1.15	1.05	-	-	0.63	0.34	
Other Dry Bulk	2011-12	1.78	1.37	0.69	0.75	-	1.04	1.25	0.99	0.63	0.43	0.24	1.51	0.31	
	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	
Other Lqd. Bulk	2011-12	0.73	0.54	-	0.36	-	0.47	0.47	0.19	0.18	0.34	0.36	0.36	0.35	
	2010-11	0.78	0.70	-	0.39	-	0.44	0.52	0.13	0.18	0.33	0.30	0.29	0.40	
General Cargo	2011-12	1.99	1.46	2.33	0.87	-	1.28	1.23	0.81	0.57	0.63	0.15	0.99	40.35	
	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	
Containers	2011-12	0.44	0.48	0.31	0.18	-	*	0.10	0.17	0.24	0.13	0.30	0.71	0.37	
	2010-11	0.56	0.42	0.29	0.17	-	...	0.01	0.54	0.21	0.09	0.09	0.38	0.31	
Total	2011-12	1.16	0.84	0.62	0.63	0.10	0.96	0.77	0.33	0.33	0.95	0.29	0.57	0.34	
	2010-11	1.05	0.85	0.75	0.74	0.46	0.62	0.69	0.44	0.39	1.20	0.19	0.57	0.37	

Source: Major Ports

* Excludes container vessels

Table 2.1.25

Commodity-wise Output per Ship Berth Day - 2010-11 & 2011-12

(In Tonnes)

Port Commodity	Year	Kolkata Dock System	Haldia Dock Complex	Paradip	Visakhap atnam	Ennore	Chennai	Tuticorin	Cochin	New Mangalore	Mormuga o	J.L.Nehru	Mumbai	Kandla
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL(Crude)	2011-12	-	31493	107296	50142	-	41677	-	64802	61007	-	16033	51456	110184
	2010-11	-	30968	75804	37820	-	43882	-	63594	57729	-	17054	51339	107149
POL(Product)	2011-12	3484	11078	13413	8788	-	7394	6015	9107	21629	7303	-	7545	15872
	2010-11	3491	11795	14870	8572	-	8337	8293	8186	18720	7868	-	9001	19397
LPG	2011-12	-	9653	-	8016	-	-	4207	...	4811	-	-	-	4854
	2010-11	-	9714	-	7197	-	-	4089	...	4999	-	-	-	5703
Iron Ore	2011-12	-	4703	13636	19858	-	9237	6254	-	22826	10490	-	10326	17757
	2010-11	548	5564	12767	16659	6051	22712	7257	-	18119	8477	-	5912	15592
Coking Coal	2011-12	-	10859	11112	12267	-	7263	-	-	18258	18393	-	5413	18328
	2010-11	1385	7210	9625	12301	-	8771	-	-	17008	5591	-	4579	16758
Thermal Coal	2011-12	-	9504	33903	17130	31395	10148	10542	6897	-	16480	-	5002	22015
	2010-11	-	9339	30691	15653	21398	10798	11741	7984	-	12273	-	4823	17853
Fertilisers	2011-12	592	3832	4520	5727	-	2989	4881	3053	5073	5112	-	952	12221
	2010-11	526	1642	4793	5456	-	3995	5758	3757	4269	3254	-	1617	11405
FRM (Dry)	2011-12	-	2397	16317	4596	-	3482	6819	2740	5084	-	-	1626	8742
	2010-11	773	2260	14122	3929	-	3519	6334	1969	1861	-	-	1070	8827
Other Dry Bulk	2011-12	1229	6777	10036	7627	-	8746	5570	4511	4977	8570	3832	2435	9459
	2010-11	1045	4880	8160	6464	-	12959	6586	4215	5751	5111	4110	2392	7747
Other Liquid Bulk	2011-12	2489	4295	9425	6279	7768	3089	1543	5536	6088	7308	5750	3450	8916
	2010-11	2465	4019	10401	5809	8368	3024	2716	7878	6220	7625	4791	2895	6266
General Cargo	2011-12	610	816	848	1633	25398	1783	2792	870	1133	3469	742	2385	3713
	2010-11	588	997	845	1471	13689	1632	1773	545	1075	1778	1111	2589	3252
Containers	2011-12	5762	5369	2717	11511	-	22077	24004	19988	5359	2659	23763	3667	8407
	2010-11	5499	5057	3337	11790	-	27343	19436	8994	5101	2743	26861	4946	9195
Total	2011-12	2787	6728	15995	10704	27505	10352	6733	15784	13957	10533	19227	6476	14272
	2010-11	2253	6563	14243	10334	17699	10984	7035	11752	14211	4409	20393	6042	14137

(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 -2010-11 & 2011-12**

(In Days)

Port	2010-11			2011-12		
	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	1.23	0.25	0.98	0.77	0.04	0.73
Haldia Dock Complex	3.73	1.05	2.68	2.54	0.54	2.00
Paradip	5.04	0.11	4.93	3.69	0.05	3.64
Visakhapatnam	2.81	0.09	2.72	2.84	0.09	2.75
Ennore	0.65	0.00	0.65	0.76	0.00	0.76
Chennai	1.61	0.04	1.57	1.16	0.04	1.12
Tuticorin	1.29	0.38	0.91	1.91	0.80	1.11
Cochin	1.03	0.20	0.83	1.05	0.15	0.90
New Mangalore	0.59	0.20	0.39	0.79	0.04	0.75
Mormugao	4.07	0.53	3.54	2.94	0.60	2.35
J.L.Nehru	1.51	0.56	0.95	1.13	0.35	0.78
Mumbai	1.23	0.28	0.95	1.37	0.25	1.12
Kandla	3.32	1.57	1.75	3.74	1.78	1.96
All Ports	2.32	0.50	1.82	2.05	0.45	1.60

Source: Major Ports

Table 2.1.27

Reason-wise, Major Port-wise Average Pre-berthing Detention - 2011 - 12

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	577	-	-	0.05	-	-	5.30	-	0.55	5.89
2.	Break Bulk	327	-	-	0.70	0.10	-	2.67	-	9.36	12.83
3.	Dry Bulk(C)	60	-	-	-	-	-	-	-	-	0.00
4.	Liquid Bulk	239	1.97	-	-	0.47	-	5.53	-	15.89	23.87
Total		1203	0.39	-	0.21	0.12	-	4.37	-	10.20	15.30
Haldia Dock Complex											
1.	Container	291	3.67	-	-	-	-	7.80	-	5.39	16.87 *
2.	Break Bulk	57	11.15	-	-	-	-	75.01	-	22.99	109.16
3.	Dry Bulk(M)	226	4.50	-	-	-	-	23.51	-	10.46	38.47
4.	Dry Bulk(C)	555	13.23	-	-	-	-	51.15	-	9.35	73.73
5.	Liquid Bulk	853	16.31	-	-	-	-	40.94	-	13.14	70.39
Total		1982	12.10	-	-	-	-	37.93	-	10.92	60.94
Paradip											
1.	Container	28	0.43	-	-	-	-	25.39	-	1.00	26.82
2.	Break Bulk	75	1.32	-	-	-	-	146.79	-	4.23	152.33 *
Total		376	0.52	-	-	-	-	55.40	-	1.45	57.38
4.	Dry Bulk (C)	532	1.47	-	-	-	0.14	135.46	-	2.40	139.47
5.	Liquid Bulk	317	0.08	-	-	-	-	29.33	-	1.29	30.70
Total		1328	0.84	-	-	-	0.05	85.78	-	1.94	88.61

(M) Mechanised. (C) Conventional.

Reason-wise, Major Port-wise Average Pre-berthing Detention - 2011 - 12

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	351	0.66	-	-	-	-	8.23	-	10.62	19.50
2.	Break Bulk	219	2.05	-	-	-	-	53.26	-	39.30	94.61
3.	Dry Bulk(M)	189	1.21	-	-	-	-	43.66	-	71.28	116.15 *
4.	Dry Bulk(C)	958	1.79	-	-	-	-	42.79	-	38.83	83.41
5.	Liquid Bulk	715	1.12	-	-	-	-	19.44	14.73	15.30	50.58
Total		2432	1.41	-	-	-	-	108.67	4.33	30.40	144.81
Ennore*											
1.	Container	-	-	-	-	-	-	-	-	-	-
2.	Break Bulk	-	-	-	-	-	-	-	-	-	-
3.	Dry Bulk(M)	241	-	-	0.02	-	-	21.76	-	-	21.78
4.	Dry Bulk(C)	-	-	-	-	-	-	-	-	-	-
5.	Liquid Bulk	92	-	-	0.01	-	-	2.67	-	-	2.68
6.	Other	52	-	-	0.01	-	-	28.93	-	-	28.95
Total		385	-	-	0.01	-	-	18.17	-	-	18.18
Chennai											
1.	Container	789	-	-	-	0.75	-	15.62	-	-	16.37
2.	Break Bulk	524	-	-	-	0.85	-	19.98	-	-	20.83
3.	Dry Bulk(M)	1	-	-	-	0.80	-	17.50	-	-	18.30
4.	Dry Bulk(C)	222	-	-	-	1.50	-	22.60	-	-	24.11
5.	Liquid Bulk	507	-	-	-	1.07	-	53.57	-	-	54.63
Total		2043	-	-	-	0.94	-	26.91	-	-	27.85

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

Reason-wise, Major Port-wise Average Pre-berthing Detention - 2011-12

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	365	0.06	-	-	-	-	10.26	-	-	10.33
2.	Break Bulk	360	36.66	-	-	-	-	26.95	-	2.66	66.27
3.	Dry Bulk(M)	130	0.90	-	-	-	-	27.94	-	29.01	57.86
4.	Dry Bulk(C)	295	33.06	-	-	-	-	26.04	-	14.14	73.24 *
5.	Liquid Bulk	226	14.68	-	-	-	-	12.25	-	0.49	27.43
Total		1376	19.19	-	-	-	-	20.01	-	6.55	45.75
Cochin											
Table 2.1.27(Contd...)		389	5.47	-	-	-	-	3.47	-	14.59	23.53
2.	Break Bulk	35	-	-	-	-	-	3.09	-	5.14	8.24 *
3.	Dry Bulk(M)	34	5.86	-	-	-	-	48.27	-	6.90	61.03
4.	Dry Bulk(C)	16	-	-	-	-	-	12.81	-	-	12.81
5.	Liquid Bulk	359	2.06	-	-	-	-	16.13	-	7.61	25.80
Total		833	3.68	-	-	-	-	10.92	-	10.59	25.19
New Mangalore											
1.	Container	80	0.06	-	-	-	-	0.75	-	0.44	1.25
2.	Break Bulk	157	-	-	-	-	-	10.36	-	1.04	11.40 *
3.	Dry Bulk(M)	53	1.08	-	-	-	-	7.30	-	2.28	10.66
4.	Dry Bulk(C)	153	-	-	-	-	-	11.76	-	1.03	12.80
5.	Liquid Bulk	693	1.55	-	-	-	-	22.54	-	0.55	24.65
Total		1136	1.00	-	-	-	-	17.16	-	0.76	18.92
Mormugao#											
1.	Container	48	0.06	-	-	0.33	-	-	-	0.75	1.15
2.	Break Bulk	37	3.95	-	-	0.97	-	6.51	5.24	2.38	19.05
3.	Dry Bulk(M)	307	16.84	-	-	0.06	-	59.98	3.29	3.08	83.25
4.	Dry Bulk(C)	251	1.31	-	-	0.12	-	0.47	0.48	1.08	3.47
5.	Liquid Bulk	153	12.05	-	-	0.14	-	0.22	4.05	2.75	19.21
Total		796	9.41	-	-	0.15	-	23.63	2.44	2.21	37.85

(M) Mechanised. (C) Conventional # 11 vessels double counted for dry bulk mech./dry bulk conv. Are counted only once in the total

Reason-wise, Major Port-wise Average Pre-berthing Detention - 2011-12

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	2233	3.61	-	0.09	0.04	0.41	0.37	-	20.34	24.85
2.	Break Bulk	168	9.17	-	0.03	0.02	0.35	0.28	-	14.14	23.98
3.	Dry Bulk(C)	67	12.92	-	0.06	-	1.54	0.09	-	24.30	38.92
4.	Liquid Bulk	461	24.00	-	0.08	0.02	0.45	0.06	-	34.06	58.68
Total		2929	7.35	-	0.08	0.03	0.44	0.07	-	22.23	30.20
Mumbai											
1.	Container	14	6.07	-	-	-	-	23.02	-	1.00	30.09
2.	Break Bulk	568	1.63	-	-	-	-	36.79	-	0.97	39.39
3.	Dry Bulk(C)	333	0.38	-	-	-	-	10.84	-	0.14	11.37
4.	Liquid Bulk	1102	10.00	-	-	-	-	25.18	-	0.87	36.05
Total		2017	6.03	-	-	-	-	26.07	-	0.78	32.87
Kandla											
1.	Container	225	4.84	-	-	-	-	26.49	-	1.74	33.07
2.	Break Bulk	456	89.74	-	-	-	-	94.33	-	2.11	186.18
3.	Dry Bulk(C)	715	92.53	-	-	-	-	44.74	-	2.45	139.72
4.	Liquid Bulk	1318	5.99	-	-	-	-	31.55	-	1.42	38.96
Total		2714	42.77	-	-	-	-	45.15	-	1.86	89.77

P- Provisional (C) Conventional.

Source: Major Ports

Table 2.1.28

Average Berth Occupancy For Major-Ports-2000-01 to 2011-12

Port	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
1	2	3	4	5	6	7	8	9	10	11	12	13
KANDLA	79.8	72.3	70.5	69.8	69.1	73.5	71.0	71.0	66.9	72.0	69.7	70.5
MUMBAI	58.5	58.4	57.0	57.5	60.6	61.1	64.4	65.4	65.5	50.6	63.9	57.2
J.L. NEHRU	58.1	61.0	53.1	53.2	60.1	66.7	64.3	66.4	67.7	66.2	73.5	71.4
MORMUGAO	74.0	81.1	69.3	65.5	82.2	78.7	81.0	73.8	70.2	79.2	79.2	79.2
NEW MANGALORE	36.5	35.1	29.1	33.3	49.7	52.3	47.0	56.0	54.0	52.0	46.5	48.6
COCHIN	63.6	61.4	56.7	63.3	71.9	65.7	67.3	66.0	63.5	63.7	70.3	74.9
TUTICORIN	65.2	68.8	61.3	54.8	53.7	59.3	67.6	72.9	70.2	66.9	70.5	84.5
CHENNAI	72.6	71.9	60.1	57.1	58.0	57.7	63.3	74.0	67.3	63.8	63.6	62.5
ENNORE	-	43.7	43.4	39.3	31.2	34.2	34.4	35.5	47.0	41.2	42.5	33.1
VISAKHAPAT-NAM	66.8	63.3	62.0	65.1	61.8	58.2	59.5	73.6	65.9	76.3	73.2	73.6
PARADIP	69.5	55.6	47.6	52.6	59.9	59.7	65.0	76.6	70.9	77.6	73.6	63.6
HALDIA DOCK COMPLEX	72.4	74.1	71.6	60.8	75.3	85.6	85.9	81.1	83.6	81.2	78.6	70.6
KOLKATA DOCK SYSTEM	41.1	38.0	44.6	41.8	42.3	41.8	45.5	59.2	57.3	70.8	68.3	64.2

Table 2.1-29

**Performance of Cargo Handling Equipments of Major Ports -
2009-10, 2010-11&2011-12**

(In Percent)

Sl. No.	Name Of The Port	Equipment	2009-10		2010-11		2011-12	
			% Avail-ability	% Utili-sation	% Avail-ability	% Utili-sation	% Avail-ability	% Utili-sation
1	2	3	4	5	6	7	8	9
1.	Kandla	Wharf Crane	76	50	84	59	94	66
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	96	58	96	70	88	63
2.	Mumbai	Wharf Crane	89	11	83	11	84	18
		Mobile Crane	83	15	91	12	91	11
		Forklift Truck	95	20	97	15	97	16
3.	Mormugao	Wharf Crane	-	-	-	-	-	-
		Mobile Crane	15	-	50	-	#	#
		Forklift Truck	98	3	98	4	97	1
4.	N.Mangalore	Wharf Crane	-	-	-	-	-	-
		Mobile Crane	98	2	94	1	97	2
		Forklift Truck	94	9	73	13	63	14
5.	Cochin	Wharf Crane	81	2	47	1	#	#
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	82	17	78	14	73	13
6.	Tuticorin	Wharf Crane	98	51	94	48	97	38
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	-	-	-	-	-	-
7.	Chennai	Wharf Crane	94	11	92	9	89	4
		Mobile Crane	99	30	99	30	99	30
		Forklift Truck	66	13	72	13	62	8
8.	Visakhapatanam	Wharf Crane	98	46	98	37	99	34
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	-	-	-	-	-	-
9.	Paradip	Wharf Crane	75	21	95	21	83	22
		Mobile Crane	96	-	-	-	-	-
		Forklift Truck	100	-	-	-	-	-
10.	Kolkata Dock System	Wharf Crane	94	27	96	25	88	28
		Mobile Crane	93	34	85	38	86	42
		Forklift Truck	98	40	94	41	91	46
11	Haldia Dock Complex	Wharf Crane	-	-	-	-	-	-
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	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 - 2010-11 & 2011-12

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	2010-11	-	-	-	-	4	47.8	50.5	24.1
	2011-12	-	-	-	-	3	67.8	53.0	35.9
Haldia Dock Complex	2010-11	-	-	-	-	4	77.4	...	...
	2011-12	-	-	-	-	4	82.3	...	...
Paradip	2010-11	-	-	-	-	-	-	-	-
	2011-12	-	-	-	-	-	-	-	-
Visakhapatnam	2010-11	2	91.0	38.1	34.8	2	94.0	43.2	40.5
	2011-12	2	98.3	48.3	47.5	6	99.5	15.1	15.0
Chennai	2010-11	8	89.9	70.9	63.7	23	91.8	93.1	85.4
	2011-12	7	94.4	71.2	67.2	22	95.1	87.9	83.5
Tuticorin	2010-11	3	91.0	58.0	53.0	8	93.0	92.0	86.0
	2011-12	3	91.0	58.0	53.0	8	93.0	92.0	86.0
Cochin	2010-11	2	83.5	68.1	56.9	4	85.0	106.6	90.5
	2011-12	4	89.3	31.2	27.8	15	92.7	47.0	43.5
New Mangalore	2010-11	-	-	-	-	-	-	-	-
	2011-12	-	-	-	-	-	-	-	-
Mormugao	2010-11	-	-	-	-	-	-	-	-
	2011-12	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2010-11	8	90.8	51.6	46.8	18	90.9	77.4	70.4
	2011-12	10	97.8	51.5	50.4	40	96.4	66.5	64.1
Mumbai	2010-11	-	-	-	-	-	-	-	-
	2011-12	-	-	-	-	-	-	-	-
Kandla	2010-11	-	-	-	-	-	-	-	-
	2011-12	4	95.6	25.8	25.8	4	98.2	25.1	25.1

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

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

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

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

(a) Relates to JNPCTonly.

Table 2.1.30(Contd.)

Availability And Utilisation Of Container Handling Equipments - Major Ports - 2010-11 & 2011-12

PORT	Year	Tractor				Top Lift Trucks			
		No.	% availability	% Utilisation of		No.	% Availa- bility	% Utilisation of	
				Available Hrs.	Possible Hrs.			Available Hrs.	Possible Hrs.
1	2	3	4	5	6	7	8	9	10
Kolkata Dock System	2010-11	22	0.0	0.0	0.0	1	0.0	0.0	0.0
	2011-12	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Haldia Dock Complex	2010-11	4	0.0	0.0	0.0	1	0.0	0.0	0.0
	2011-12	-	-	-	-	1	0.0	0.0	0.0
Paradip	2010-11	-	-	-	-	-	-	-	-
	2011-12	-	-	-	-	-	-	-	-
Visakhapatnam	2010-11	-	-	-	-	-	-	-	-
	2011-12	-	-	-	-	1	99.3	0.6	0.6
Chennai	2010-11	-	-	-	-	-	-	-	-
	2011-12	-	-	-	-	-	-	-	-
Tuticorin	2010-11	12	94.0	71.0	67.0	-	-	-	-
	2011-12	12	94.0	71.0	67.0	-	-	-	-
Cochin	2010-11	13	91.2	149.7	136.6	-	-	-	-
	2011-12	-	-	-	-	2	97	35	34
New Mangalore	2010-11	-	-	-	-	-	-	-	-
	2011-12	-	-	-	-	-	-	-	-
Mormugao	2010-11	-	-	-	-	-	-	-	-
	2011-12	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2010-11	20	93.6	100.0	93.6	-	-	-	-
	2011-12	-	-	-	-	-	-	-	-
Mumbai	2010-11	-	-	-	-	-	-	-	-
	2011-12	-	-	-	-	-	-	-	-
Kandla	2010-11	2	69.6	15.4	10.7	-	-	-	-
	2011-12	12	99.1	2.0	2.0	-	-	-	-

(a) :Relates to JNPT only.

**Table
2.1.30(Contd.)**

Availability And Utilisation Of Container Handling Equipments - Major Ports - 2010-11 & 2011-12

PORT	Year	Rail Mounted G.Crane				Tata P&H Crane/Mobile Crane			
		No.	% availa- bility	% Utilisation of		No.	% Availa- bility	% Utilisation of	
				Available Hrs.	Possible Hrs.			Available Hrs.	Possible Hrs.
1	2	3	4	5	6	7	8	9	10
Kolkata Dock System	2010-11	-	-	-	-	-	-	-	-
	2011-12	-	-	-	-	-	-	-	-
Haldia Dock Complex	2010-11	1	88.0	78.3	68.9	-	-	-	-
	2011-12	1	80.9	58.8	47.5	-	-	-	-
Paradip	2010-11	-	-	-	-	-	-	-	-
	2011-12	-	-	-	-	-	-	-	-
Visakhapatnam	2010-11	-	-	-	-	-	-	-	-
	2011-12	-	-	-	-	-	-	-	-
Chennai	2010-11	-	-	-	-	-	-	-	-
	2011-12	-	-	-	-	-	-	-	-
Tuticorin	2010-11	-	-	-	-	-	-	-	-
	2011-12	-	-	-	-	-	-	-	-
Cochin	2010-11	-	-	-	-	2	85.3	46.6	39.7
	2011-12	2	99	1	1	-	-	-	-
New Mangalore	2010-11	-	-	-	-	-	-	-	-
	2011-12	-	-	-	-	-	-	-	-
Mormugao	2010-11	-	-	-	-	-	-	-	-
	2011-12	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2010-11	5	80.8	62.5	50.5	-	-	-	-
	2011-12	3	98.9	53.4	52.8	-	-	-	-
Mumbai	2010-11	-	-	-	-	-	-	-	-
	2011-12	-	-	-	-	-	-	-	-
Kandla	2010-11	-	-	-	-	-	-	-	-
	2011-12	-	-	-	-	-	-	-	-

(a) :Relates to JNPCT.

Table 2.1.30(Contd.)

Availability And Utilisation Of Container Handling Equipments - Major Ports - 2010-11 & 2011-12

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	3	4	5	6	7	8	9	10
Kolkata Dock System	2010-11	-	-	-	-	4	-	-	-
	2011-12	-	-	-	-	0	-	-	-
Haldia Dock Complex	2010-11	1	0.0	0.0	0.0	-	-	-	-
	2011-12	1	0.0	0.0	0.0	-	-	-	-
Paradip	2010-11	-	-	-	-	-	-	-	-
	2011-12	-	-	-	-	-	-	-	-
Visakhapatnam	2010-11	1	-	-	-	4	94.0	22.6	21.3
	2011-12	-	-	-	-	6	99.7	8.0	8.0
Chennai	2010-11	-	-	-	-	-	-	-	-
	2011-12	-	-	-	-	-	-	-	-
Tuticorin	2010-11	-	-	-	-	-	-	-	-
	2011-12	-	-	-	-	-	-	-	-
Cochin	2010-11	-	-	-	-	5	82.7	45.0	37.2
	2011-12	-	-	-	-	3	92.0	16.0	15.0
New Mangalore	2010-11	1	97.6	23.6	23.1	2	94.4	58.0	54.7
	2011-12	1	96.7	21.0	20.3	2	93.9	65.8	61.7
Mormugao	2010-11	-	-	-	-	-	-	-	-
	2011-12	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2010-11	-	-	-	-	-	-	-	-
	2011-12	-	-	-	-	-	-	-	-
Mumbai	2010-11	-	-	-	-	-	-	-	-
	2011-12	-	-	-	-	-	-	-	-
Kandla	2010-11	7.0	96.4	72.8	70.2	-	-	-	-
	2011-12	7.0	87.7	68.3	59.9	4	93.3	32.5	32.5

(a) Relates to JNPCT.
Source: Major Ports

Table 2.1.31

Container Handling Rate - Major Ports -2010-11 & 2011-12

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	2010-11	-	-	-	-	-	-	51.8	3.2	6.7
System	2011-12	-	-	-	-	-	-	47.0	3.2	6.6
Haldia Dock	2010-11	-	-	-	21.7	1.3	1.6	...	...	...
Complex	2011-12	-	-	-	41.2	1.6	2.8	...	...	...
Paradip	2010-11	-	-	-	-	-	-	-	-	-
	2011-12	-	-	-	-	-	-	-	-	-
Vishakhapat-nam	2010-11	0.0	21.5	21.5	-	-	-	0.0	18.0	18.0
	2011-12	4.6	23.0	24.1	-	-	-	3.1	19.4	20.0
Chennai	2010-11	13.6	21.8	25.3	-	-	-	42.4	11.9	20.7
	2011-12	7.1	22.2	23.9	-	-	-	47.3	11.1	21.0
Tuticorin	2010-11	4.5	27.0	28.0	...	...	...	7.0	13.0	14.0
	2011-12	4.5	27.0	28.0	...	...	...	7.0	13.0	14.0
Cochin	2010-11	25.7	16.2	21.1	-	-	-	20.0	10.7	13.3
	2011-12	-	34.4	34.4	-	-	-	-	12.1	12.1
New Mangalore	2010-11	-	-	-	-	-	-	-	-	-
	2011-12	-	-	-	-	-	-	-	-	-
Mormugao	2010-11	-	-	-	-	-	-	-	-	-
	2011-12	-	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2010-11	21.7	13.0	19.3	26.1	6.8	9.2	27.6	8.7	6.5
	2011-12	28.6	15.4	21.5	18.6	7.2	8.8	26.3	5.1	6.9
Mumbai	2010-11	-	-	-	-	-	-	-	-	-
	2011-12	-	-	-	-	-	-	-	-	-
Kandla	2010-11	...	...	...	...	...	...	...	...	...
	2011-12	4.2	16.3	5.1	...	...	...	2.0	11.4	10.9

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

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

(a): Relates to JNPCT.

Cochin not received from BOT Operator M/s IGTPPL

Table 2.1.32**Major Ports-Capacity and Utilisation - 2011-12**

(In Million Tonnes/Percentage)

Port	Capacity/Utilisation	POL (Crude & Products)	Iron Ore	Thermal Coal	Fertiliser & FRM	Other Cargo	Container	Total
1	2	3	4	5	6	7	8	9
KDS	Cap.	4.50	0.00	0.00	0.00	6.74	5.90	17.14
	Util.	15.16	-	-	-	108.98	71.29	71.37
HDC	Cap.	17.00	8.00	7.00	-	14.75	4.00	50.75
	Util.	38.71	49.25	104.07	-	71.80	65.48	61.11
PPT	Cap.	21.00	4.50	20.00	7.50	27.30	0.00	80.30
	Util.	71.86	145.58	107.99	64.35	22.67	-	67.56
VPT	Cap.	17.65	12.50	-	1.00	32.50	2.68	66.33
	Util.	104.46	100.55	-	455.10	85.07	157.24	101.64
EPL(a)	Cap.	3.00	6.00	21.00	-	1.00	-	31.00
	Util.	17.33	0.00	62.43	-	4.79	-	48.25
ChPT	Cap.	15.27	8.00	0.00	-	17.92	42.00	83.19
	Util.	87.03	1.21	-	-	68.33	71.61	66.96
TPT	Cap.	2.30	0.00	12.55	-	13.49	5.00	33.34
	Util.	27.39	-	48.21	-	90.42	184.54	84.30
CoPT	Cap.	19.01	-	-	0.80	9.55	12.50	41.86
	Util.	60.02	-	-	55.00	40.58	34.94	48.00
NMPT	Cap.	23.37	7.50	5.40	-	14.70	-	50.97
	Util.	86.31	40.48	-	-	38.86	-	64.63
MoPT	Cap.	1.50	33.00	-	-	7.40	-	41.90
	Util.	61.53	89.00	-	-	118.32	-	93.20
JNPT	Cap.	5.50	0.00	-	-	0.90	57.6@	64.00
	Util.	88.09	-	-	-	294.67	101.10	102.70
MbPT	Cap.	32.00	0.00	-	-	11.53	1.00	44.53
	Util.	102.54	-	-	-	197.94	55.10	126.18
KPT	Cap.	66.60	0.00	-	-	17.42	7.20	91.22
	Util.	70.48	-	-	-	188.12	38.78	90.44
ALL PORTS	Cap.	228.70	79.50	65.95	9.30	175.20	137.88	696.53
	Util.	75.35	69.89	78.95	105.56	87.97	84.34	80.43

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

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

has been taken as 15.0 MT, 15.00 MT, 26.40 MT and 1.20MT respectively. Capacity of one shallow water berth at JNPT is 0.90 MT for dry bulk cargo.

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

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

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

Table 2.1.33

**Employment At Major Ports
(As on 31st March, 2012)**

(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	62	1200	1145	0	219	459	507	0	3679
MbPT	355	31	3721	4002	-	2743	3086	2441	-	16379
JNPT	177	48	354	106	115	918	-	-	-	1718
MoPT(a)	136	79	1246	788	-	371	45	-	-	2665
NMPT (b)	59	94	615	147	-	278	351	-	-	1544
CoPT	131	134	1626	452	-	393	204	65	-	3005
TPT(c)	83	57	650	260	-	280	624	-	-	1954
ChPT	283	144	3040	1316	279	1323	510	616	-	7511
EPL	32	19	35	8	-	-	-	-	-	94
VPT	165	113	1177	934	-	1429	371	-	-	4189
PPT	115	60	775	403	129	119	836	-	-	2437
KDS	466	130	2550	1418	-	167	41	296	-	5068
HDC	177	111	441	326	-	1026	1030	-	-	3111
Total	2266	1082	17430	11305	523	9266	7557	3925	0	53354

(a) Includes CHL, erstwhile MDLB

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

Source: Major Port

Table 2.1.34

**Employment At Dock Labour Boards of Major Ports
(As on 31st March, 2011)**

(In Numbers)

Port	Number of DLB Employees					Number of Dock Workers				Grand Total
	Class I	Class II	Class III	Class IV	Total	Regis-tered	Listed	Others	Total	
1	2	3	4	5	6	7	8	9	10	11
VPT	10	3	71	45	129	745	-	-	745	874
KDS	15	7	77	28	127	88	-	-	88	215
MbPT	0	0	0	0	0	0	-	0	0	0
KPT	9	4	38	29	80	741	-	-	741	821
All DLBs	34	14	186	102	336	1574	0	0	1574	1910

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 : 2009-2012 (31st March)

Port	2009		2010		2011		2012	
	Mandays		Mandays		Mandays		Mandays	
	Employed(a)	Lost(b)	Employed(a)	Lost(b)	Employed(a)	Lost(b)	Employed(a)	Lost(b)
1	2	3	4	5	6	7	8	9
KPT	1514	-	1463	-	1962	-	1370	-
MbPT	6880	0.9	5132	3.2	6295	0.0	4645	0.0
MoPT	1083	-	1055	7.0	1028	0.0	973	0.0
NMPT	664	0.3	627	5.6	356	0.0	564	0.0
CoPT	1498	2.6	1441	-	1368	-	1097	-
TPT	812	-	800	-	759	-	713	-
EPL	24	-	31	-	32	-	34	-
ChPT	2963	-	2927	0.9	2838	-	2742	-
VPT	2293	0.6	2205	0.6	2036	0.6	1848	0.1
PPT	1041	-	1008	-	961	-	889	0.8
KDS	2279	-	2186	-	2052	-	1928	-
HDC	1321	2.5	1277	0.8	1206	2.6	1136	0.2
JNPT	637	-	635	-	631	-	627	-
TOTAL	23008	0.6	20786	0.6	21524	0.6	21524	0.6

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

Chennai - The manday lost was 4579 during the year 2011-12 due to one nation wide strike on 28.02.2012.

(b): Mandays lost per 1000 Mandays employed

Source: Major Port

Table 2.1.36

Capital Employed at Major Ports - 2006-07 to 2011-12

(Rs. Crore)

Port	Year					
	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
1	2	3	4	5	6	7
KANDLA	847.93	865.22	1041.85	1191.74	1215.77	1282.16
MUMBAI	2147.60	2371.45	2436.39	2372.42	2953.67	3460.89
J. L. NEHRU	2199.88	2746.02	3005.45	3543.17	4096.33	4730.08
MORMUGAO	526.25	593.82	634.88	554.89	478.00	641.86
NEW MANGALORE	592.74	611.53	634.76	674.11	750.39	753.54
COCHIN	524.31	513.42	408.36	322.94	557.56	478.40
TUTICORIN	553.86	592.02	620.91	520.82	766.24	1043.50
CHENNAI	939.74	1224.97	1496.33	1500.23	1455.06	793.83
ENNORE	723.55	734.77	767.50	808.25	751.33	817.64
VISAKHAPATNAM	774.43	769.90	818.83	855.91	956.92	1033.23
PARADIP	847.87	949.52	1074.66	1463.04	1641.22	1886.52
KOLKATA (a)	1253.58	1504.83	1370.36	1554.33	1844.97	1842.89
All Ports	11931.74	13477.47	14310.28	15361.85	17473.46	18764.54

(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 - 2010-11 & 2011-12

(Rs. Crore)

Port	Salaries & Wages		Stores		Office & Administrative Security & Medical		Depreciation		Operation & Maintenance		Other Exp		Total	
	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Kolkata	189.40 (31.63)	213.22 (35.61)	1.46 (.24)	1.28 (.21)	70.44 (11.77)	73.24 (12.23)	11.55 (1.93)	12.71 (2.12)	83.01 (13.86)	82.74 (13.82)	184.76 (30.86)	215.53 (36.)	540.62 (90)	598.72 (100)
HDC	154.41 (16.15)	173.18 (18.11)	10.96 (1.15)	12.26 (1.28)	39.14 (4.09)	40.88 (4.28)	24.74 (2.59)	25.68 (2.69)	78.64 (8.22)	118.79 (12.42)	614.64 (64.28)	585.45 (61.22)	922.53 (96)	956.24 (100)
Paradip	98.98 (23.7)	110.27 (26.4)	18.38 (4.4)	21.69 (5.19)	44.47 (10.65)	36.91 (8.84)	53.65 (12.85)	55.59 (13.31)	155.39 (37.2)	188.30 (45.08)	20.29 (4.86)	4.90 (1.17)	391.16 (94)	417.66 (100)
Visakhapatnam	211.67 (48.51)	200.49 (45.95)	48.19 (11.04)	49.90 (11.44)	46.56 (10.67)	67.30 (15.42)	34.11 (7.82)	34.55 (7.92)	55.97 (12.83)	66.51 (15.24)	11.21 (2.57)	17.61 (4.04)	407.71 (93.43)	436.36 (100.)
Chennai	368.21 (65.19)	357.19 (63.24)	13.33 (2.36)	12.32 (2.18)	41.43 (7.34)	50.42 (8.93)	30.00 (5.31)	29.79 (5.27)	60.71 (10.75)	48.68 (8.62)	66.05 (11.69)	66.40 (11.76)	579.73 (103)	564.80 (100)
Tuticorin	49.05 (34.3)	55.88 (39.07)	6.96 (4.87)	7.77 (5.43)	23.75 (16.61)	27.94 (19.54)	14.99 (10.48)	16.76 (11.72)	24.94 (17.44)	34.67 (24.24)	0.00 (.)	0.00 (.)	119.69 (84)	143.02 (100)
Cochin	109.22 (38.71)	130.32 (46.19)	9.95 (3.53)	13.81 (4.89)	28.47 (10.09)	30.65 (10.86)	17.25 (6.11)	19.51 (6.92)	109.61 (38.85)	87.85 (31.14)	0.00 (0.00)	0.00 (0.00)	274.50 (97)	282.14 (100)
New Mangalore	73.05 (27.48)	75.73 (28.48)	9.80 (3.69)	10.25 (3.86)	22.60 (8.5)	25.48 (9.58)	21.21 (7.98)	21.91 (8.24)	22.95 (8.63)	21.61 (8.13)	95.30 (35.85)	110.88 (41.71)	244.91 (92)	265.86 (100)
Mormugao	73.05 (27.48)	75.73 (28.48)	9.80 (3.69)	10.25 (3.86)	22.60 (8.5)	25.48 (9.58)	21.21 (7.98)	21.91 (8.24)	22.95 (8.63)	21.61 (8.13)	95.30 (35.85)	110.88 (41.71)	244.91 (92)	265.86 (100)
Mumbai (1)	699.48 (70.32)	730.85 (73.48)	3.51 (.35)	3.19 (.32)	52.26 (5.25)	80.55 (8.1)	57.29 (5.76)	58.57 (5.89)	120.30 (12.09)	110.85 (11.14)	4.98 (.5)	10.67 (1.07)	937.82 (94)	994.68 (100)
J. L. Nehru	120.74 (26.96)	141.81 (28.38)	8.14 (1.63)	9.53 (1.91)	38.81 (12.32)	38.46 (7.7)	33.37 (7.04)	38.53 (7.71)	223.85 (41.08)	270.40 (54.12)	19.55 (11.51)	0.90 (.18)	444.46 (101)	499.63 (100)
Kandla	189.30 (37.43)	211.72 (41.87)	3.79 (.75)	8.53 (1.69)	24.38 (4.82)	28.84 (5.7)	41.70 (8.25)	47.43 (9.38)	118.28 (23.39)	206.91 (40.92)	4.71 (.93)	2.27 (.45)	382.16 (75.57)	505.70 (100.)
Ennore	5.77 (3.76)	7.54 (4.91)	0.00 (.)	0.00 (.)	9.51 (6.19)	9.83 (6.4)	12.93 (8.42)	13.25 (8.63)	17.05 (11.11)	26.85 (17.49)	67.24 (43.8)	96.06 (62.57)	112.50 (73)	153.53 (100)
Total	2397.13 (39.44)	2527.24 (41.59)	148.89 (2.45)	164.76 (2.71)	490.45 (8.07)	537.35 (8.84)	370.38 (6.09)	392.35 (6.46)	1121.92 (18.46)	1343.23 (22.1)	1128.63 (18.57)	1112.30 (18.3)	5657.40 (93)	6077.23 (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 : 2009-10, 2010-11 & 2011-12**

(Rs.)

Port	Operating Income			Operating Expenditure			Surplus/Deficit per ton		
	2009-10	2010-11	2011-12	2009-10	2010-11	2011-12	2009-10	2010-11	2011-12
1	2	3	4	5	6	7	8	9	10
KPT	56.50	60.08	75.60	45.34	46.67	61.33	11.16	13.40	14.27
MbPT	164.12	174.95	182.08	132.05	141.98	146.21	32.07	32.98	35.88
JNPT	171.50	174.55	177.57	64.79	69.10	76.01	106.70	105.44	101.55
MoPT	66.91	74.34	91.99	48.16	48.32	66.30	18.75	26.02	25.69
NMPT	89.63	97.59	113.01	51.58	59.46	59.68	38.05	38.14	53.33
CoPT	133.16	154.47	152.86	133.66	153.58	140.44	-0.50	0.89	12.42
TPT	101.06	101.47	109.47	49.86	46.52	50.89	51.20	54.95	58.58
ChPT	117.65	111.28	112.57	87.27	94.33	101.39	30.38	16.95	11.19
EPL	133.29	151.95	167.33	28.81	29.39	29.57	104.48	122.56	137.76
VPT	100.88	108.56	107.75	70.95	59.92	64.72	29.94	48.64	43.02
PPT	131.36	125.89	117.85	68.51	69.81	76.98	62.84	56.08	40.87
HDS	291.64	295.76	316.81	202.04	190.04	221.92	89.59	105.72	94.89
KDS	345.56	366.71	462.73	294.06	320.96	344.36	51.50	45.75	118.38
All Major Ports	128.30	132.92	141.95	84.15	86.02	94.26	44.16	46.89	47.69

Source: Major Ports

Table 2.2.1

Traffic Handled at Non-Major Ports (State-wise & Port-wise) - 2009-10, 2010-11 & 2011-12

('000 Tonnes)

States/U.T.	2009-10						2010-11						2011-12					
	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	1323	495	1818	20	197	217	1297	651	1948	2	171	173	1472	846	2318	42	363	405
Bhavnagar	52	-	52	-	-	-	303	22	325	-	-	-	908	-	908	-	-	-
Dahej	10586	1119	11705	514	311	825	11679	1505	13184	857	271	1128	15127	1455	16582	783	251	1034
GAPL	32774	1477	34251	4792	554	5346	35038	11378	46416	4881	608	5489	45901	13234	59135	5049	611	5660
GPPL	6140	63	6203	354	290	644	5568	2172	7740	79	2	81	6354	2764	9118	145	9	154
Jafrabad	561	2506	3067	-	2380	2380	389	1905	2294	-	2169	2169	-	1880	1880	-	2238	2238
Magdalla	4799	1368	6167	9177	947	10124	6094	1335	7429	10480	614	11094	5886	1974	7860	11596	928	12524
Mul-Dwarka	561	603	1164	-	2007	2007	925	453	1378	-	2468	2468	783	300	1083	-	2738	2738
Navalakhii	4344	120	4464	-	-	-	4282	205	4487	33	-	33	5491	183	5674	68	-	68
Okha	1096	-	1096	-	-	-	1103	48	1151	-	-	-	1506	31	1537	-	88	88
Porbandar	492	373	865	152	-	152	185	483	668	232	-	232	616	341	957	-	190	190
Sikka	62435	33894	96329	233	10632	10865	65280	38750	104030	330	11046	11376	66660	39190	105850	66	12129	12195
Veraval	-	-	-	-	73	73	-	-	-	-	74	74	8	3	11	-	28	28
Mundra (Old)	8	34	42	-	-	-	24	39	63	-	-	-	11	112	123	-	-	-
Jakhau	359	914	1273	-	96	96	387	738	1125	-	82	82	534	907	1441	-	332	332
Others	4355	1	4356	-	2	2	4052	216	4268	2	0	2	6485	352	6837	-	82	82
TOTAL	129885	42967	172852	15242	17489	32731	136606	59900	196506	16896	17505	34401	157742	63572	221314	17749	19987	37736
MAHARASHTRA																		
Dabhol	11	-	11	22	5	27	1	-	1	12	5	17	3	-	3	36	1	37
Dahanu	-	-	-	824	-	824	-	-	-	674	-	674	-	-	-	691	-	691
Dharamtar	3802	104	3906	2893	40	2933	2569	651	3220	3857	4	3861	3638	191	3829	3693	-	3693
Ratnagiri	259	-	259	438	-	438	514	-	514	391	50	441	448	-	448	377	-	377
Revdanda	411	146	557	395	291	686	809	129	938	717	18	735	511	159	670	634	6	640
Ulwa-Belapur	-	-	-	1518	-	1518	-	1	1	1623	-	1623	1	-	1	1657	-	1657
Jaigad	2	173	175	-	-	-	633	422	1055	244	44	288	4536	467	5003	3	60	63
Redi	486	-	486	-	-	-	-	709	709	-	-	-	-	1954	1954	-	-	-
Dighi (Rajpuri)	-	-	-	-	-	-	-	212	212	20	64	84	56	239	295	11	161	172
Kelshi	-	223	223	-	-	-	203	286	489	-	10	10	-	361	361	-	-	-
Others	-	-	-	2	1	3	1	1	2	1	-	1	3	50	53	-	-	-
TOTAL	4971	646	5617	6092	337	6429	4730	2411	7141	7539	195	7734	9196	3421	12617	7102	228	7330
GOA																		
Panaji	218	13679	13897	-	-	-	96	14468	14564	17	-	17	165	14305	14470	-	-	-
TOTAL	218	13679	13897	-	-	-	96	14468	14564	17	-	17	165	14305	14470	-	-	-

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

Table 2.2.1(Contd...)

Traffic Handled at Non-Major Ports (State-wise & Port-wise) - 2009-10, 2010-11 & 2011-12

('000 Tonnes)

States/U.T.	2009-10						2010-11						2011-12					
	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	290	475	765	-	54	54	358	746	1104	13	29	42	16	3098	3114	-	50	50
Deep Water Port	7097	3494	10591	1332	14	1346	7000	2337	9337	1314	154	1468	5969	1835	7804	1791	255	2046
Rawa	-	-	-	-	1847	1847	-	-	-	-	1561	1561	-	-	-	-	3198	3198
Krishnapatnam	5002	11121	16123	12	-	12	10049	5856	15905	10	-	10	13633	1369	15002	417	-	417
Gangavaram	10157	2691	12848	97	7	104	11256	2584	13840	-	-	-	11746	2256	14002	-	-	-
TOTAL	22546	17781	40327	1441	1922	3363	28663	11523	40186	1337	1744	3081	31364	8558	39922	2208	3503	5711
TAMIL NADU																		
Ennore	45	-	45	-	-	-	58	-	58	-	-	-	46	-	46	-	-	-
PY-3	-	-	-	-	68	68	-	-	-	-	152	152	-	-	-	-	59	59
Nagapattinam	57	-	57	295	253	548	36	7	43	484	334	818	25	-	25	309	296	605
Thrukkadiyur	-	-	-	326	-	326	-	-	-	327	-	327	-	-	-	235	-	235
Cuddalore	108	11	119	-	2	2	210	-	210	-	1	1	227	1	228	-	2	2
Others	8	-	8	-	1	1	2	-	2	-	-	-	9	-	9	-	1	1
TOTAL	218	11	229	621	324	945	306	7	313	811	487	1298	307	1	308	544	358	902
KERALA																		
Kozikode/Beypore	-	-	-	34	71	105	-	-	-	30	77	107	-	-	-	17	79	96
Kovalam/Vizhinjam	-	11	11	-	-	-	-	7	7	2	-	2	-	6	6	-	-	-
Others	-	3	3	-	-	-	1	1	2	5	1	6	-	-	-	-	2	2
TOTAL	-	14	14	34	71	105	1	8	9	37	78	115	-	6	6	17	81	98
KARNATAKA																		
Karwar	120	1931	2051	150	-	150	85	947	1032	84	11	95	78	352	430	67	-	67
Old Mangalore	-	-	-	8	69	77	-	-	-	15	121	136	-	-	-	16	72	88
Malpe	-	-	-	1	1	2	1	-	1	-	-	-	-	-	-	2	-	2
Tadri	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Belkeri	-	6254	6254	12	-	12	-	1831	1831	-	-	-	-	-	-	-	-	-
Others	-	1	1	-	-	-	1	-	-	-	-	-	4	1	5	-	-	-
TOTAL	120	8186	8306	171	70	241	86	2778	2864	99	132	231	82	353	435	85	72	157
PUDUCHERRY																		
Karaikal	1278	38	1316	-	-	-	4627	101	4728	-	-	-	6240	168	6408	-	13	13
TOTAL	1278	38	1316	-	-	-	4627	101	4728	-	-	-	6240	168	6408	-	13	13
ORISSA																		
Dhamra	174	291	465	-	-	-	174	291	465	-	-	-	5064	-	5064	-	20	20
TOTAL	174	291	465	-	-	-	174	291	465	-	-	-	5064	-	5064	-	20	20
SEA ISLANDS																		
Andaman Nicobar	476	10	486	1082	506	1588	342	-	342	985	352	1337	10	-	10	950	248	1198
Lakshadweep	-	-	-	26	-	26	-	-	-	26	-	26	-	-	-	26	-	26
TOTAL	476	10	486	1108	506	1614	342	0	342	1011	352	1363	10	-	10	976	248	1224

Source : State / UT Maritime Boards

Table 2.2.2

**Traffic Handled at Non-Major Ports (State-wise & Principal Commodity-wise) -
2009-10, 2010-11 & 2011-12**

('000 Tonnes)

	2009-10						2010-11						2011-12					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
GUJARAT																		
POL & other Products	78761	34407	113168	8758	10891	19649	82317	38695	121012	8958	10905	19863	89646	40896	130542	8632	12312	20944
Coal	21003	519	21522	17	97	114	28302	1132	29434	22	275	297	36656	1017	37673	151	548	699
Building Material	344	3433	3777	1090	4454	5544	153	2614	2767	1294	4737	6031	-	2171	2171	1511	5340	6851
Fertiliser & FRM	4783	238	5021	-	-	-	5876	209	6085	-	-	-	6885	301	7186	-	-	-
Chemicals	624	154	778	40	334	374	406	1078	1484	37	309	346	137	367	504	305	281	586
Iron Ore	599	216	815	5082	948	6030	797	50	847	6309	-	6309	97	148	245	6674	-	6674
Iron & Steel	1211	945	2156	156	192	348	1638	1205	2843	2	580	582	5482	2008	7490	5	741	746
Other Ore	1753	130	1883	80	242	322	1286	198	1484	51	191	242	1225	482	1707	-	354	354
Foodgrains	7	236	243	-	5	5	-	693	693	20	5	25	1	821	822	-	-	-
Salt	31	806	837	-	140	140	-	898	898	-	60	60	-	999	999	-	150	150
Oil Cake	-	185	185	-	1	1	-	381	381	-	1	1	-	500	500	-	-	-
Edible Oil	682	858	1540	-	-	-	673	1348	2021	-	42	42	613	3	616	-	-	-
Others *	20087	840	20927	19	185	204	15158	11399	26557	203	400	603	17000	13859	30859	471	261	732
Total	129885	42967	172852	15242	17489	32731	136606	59900	196506	16896	17505	34401	157742	63572	221314	17749	19987	37736
MAHARASHTRA																		
Iron Ore	1932	154	2086	2891	78	2969	1186	850	2036	3078	6	3084	738	2218	2956	3406	-	3406
Iron & Steel	22	6	28	40	57	97	45	27	72	20	15	35	33	-	33	194	6	200
POL & other Products	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Building Material	36	-	36	2163	-	2163	150	1	151	2076	50	2126	48	-	48	2442	-	2442
Coal	2012	-	2012	868	-	868	2381	499	2880	2115	2	2117	6535	-	6535	1054	-	1054
Fertiliser & FRM	205	-	205	16	-	16	145	44	189	40	-	40	230	-	230	-	-	-
Chemicals	123	-	123	34	-	34	164	-	164	59	-	59	160	-	160	-	-	-
Others	641	486	1127	80	202	282	659	990	1649	151	122	273	1452	1203	2655	6	222	228
Total	4971	646	5617	6092	337	6429	4730	2411	7141	7539	195	7734	9196	3421	12617	7102	228	7330
GOA																		
Iron Ore	-	13679	13679	-	-	-	96	14468	14564	17	-	17	-	14305	14305	-	-	-
Coal	218	-	218	-	-	-	-	-	-	-	-	-	165	-	165	-	-	-
Others	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	218	13679	13897	-	-	-	96	14468	14564	17	-	17	165	14305	14470	-	-	-

Table 2.2.2 (Contd...)

**Traffic Handled at Non-Major Ports (State-wise & Principal Commodity-wise) -
2009-10, 2010-11 & 2011-12**

('000 Tonnes)

Commodity	2009-10						2010-11						2011-12					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
TAMIL NADU																		
POL & other Products	97	-	97	621	317	938	210	-	210	811	482	1293	220	-	220	544	350	894
Edible Oil	47	-	47	-	-	-	36	-	36	-	-	-	25	-	25	-	-	-
Fertiliser & FRM	45	-	45	-	-	-	58	-	58	-	-	-	46	-	46	-	-	-
Bldg. Material	-	-	-	-	-	-	-	7	-	-	-	-	7	-	7	-	-	-
Others	29	11	40	-	7	7	2	-	2	-	5	5	9	1	10	-	8	8
Total	218	11	229	621	324	945	306	7	313	811	487	1298	307	1	308	544	358	902
KERALA																		
Bldg. Material	-	-	-	-	26	26	-	-	-	2	9	11	-	-	-	14	73	87
POL & other Products	-	-	-	-	1	1	-	-	-	17	-	17	-	-	-	-	4	4
Others	-	14	14	34	44	78	1	8	9	18	69	87	-	6	6	3	4	7
Total	-	14	14	34	71	105	1	8	9	37	78	115	-	6	6	17	81	98
PUDUCHERRY																		
POL & Other Prdct	-	-	-	-	-	-	-	-	-	-	-	-	45	-	45	-	-	-
Bldg. Material	-	22	22	-	-	-	2	2	-	-	-	-	-	52	52	-	-	-
Coal	1157	-	1157	-	-	-	3974	-	3974	-	-	-	4838	-	4838	-	-	-
Fertiliser & FRM	-	-	-	-	-	-	465	35	500	-	-	-	1182	31	1213	-	-	-
Others	121	16	137	-	-	-	188	64	252	-	-	-	175	85	260	-	13	13
Total	1278	38	1316	-	-	-	4627	101	4728	-	-	-	6240	168	6408	-	13	13
A & N ISLANDS																		
POL & other Products	6	-	6	142	17	159	6	-	6	146	16	162	7	-	7	141	16	157
Bldg. Material	-	-	-	526	311	837	5	-	5	460	206	666	3	-	3	268	59	327
Foodgrains	42	10	52	86	43	129	6	-	6	63	17	80	-	-	-	64	12	76
Fertiliser & FRM	-	-	-	6	2	8	-	-	-	4	2	6	-	-	-	3	1	4
Others	428	-	428	322	133	455	325	-	325	312	111	423	-	-	-	474	160	634
Total	476	10	486	1082	506	1588	342	-	342	985	352	1337	10	-	10	950	248	1198
LAKSHADWEEP																		
Others	-	-	-	26	-	26	-	-	-	26	-	26	-	-	-	26	-	26
Total	-	-	-	26	-	26	-	-	-	26	-	26	-	-	-	26	-	26
ANDHRA PRADESH																		
POL & other Products	1605	-	1605	212	1849	2061	964	-	964	258	1564	1822	108	7	115	175	3218	3393
Fertiliser & FRM	4123	-	4123	51	-	51	5728	-	5728	70	1	71	6815	163	6978	57	-	57
Edible Oil	985	42	1027	7	-	7	1222	9	1231	-	-	-	1451	5	1456	-	-	-
Coal	14217	-	14217	1026	-	1026	18622	-	18622	996	-	996	21536	-	21536	1976	-	1976
Bldg. Material	154	500	654	-	54	54	-	456	456	-	28	28	74	744	818	-	41	41
Chemicals	36	-	36	9	-	9	-	-	-	-	-	-	48	-	48	-	-	-
Iron ore	-	15263	15263	-	-	-	-	8957	8957	-	-	-	-	2740	2740	-	234	234
Others	1426	1976	3402	136	19	155	2127	2101	4228	13	151	164	1332	4899	6231	0	10	10
Total	22546	17781	40327	1441	1922	3363	28663	11523	40186	1337	1744	3081	31364	8558	39922	2208	3503	5711

Table 2.2.2

**Traffic Handled at Non-Major Ports (State-wise & Principal Commodity-wise) -
2009-10, 2010-11 & 2011-12**

('000 Tonnes)

Commodity	2009-10						2010-11						2011-12					
	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	-	332	332	-	5	5	-	360	360	-	-	-	-	202	202	-	23	23
Fertiliser & FRM	-	-	-	-	-	-	17	-	17	-	-	-	29	-	29	-	-	-
Salt	-	-	-	63	13	76	-	-	-	32	-	32	-	-	-	64	-	64
Coal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POL & other Products	-	-	-	36	-	36	3	-	3	28	-	28	-	-	-	-	-	-
Bldg. Material	-	-	-	-	29	29	-	-	-	-	77	77	-	-	-	2	17	19
Iron ore	-	7841	7841	-	-	-	-	2322	2322	-	-	-	-	-	-	-	-	-
Others	120	13	133	72	23	95	66	96	162	39	55	94	53	151	204	19	32	51
Total	120	8186	8306	171	70	241	86	2778	2864	99	132	231	82	353	435	85	72	157
ORISSA																		
Fertiliser & FRM	32	-	32	-	-	-	32	-	32	-	-	-	-	-	-	-	-	-
Iron ore	-	130	130	-	-	-	-	130	130	-	-	-	56	-	56	-	-	-
Coal	142	-	142	-	-	-	142	-	142	-	-	-	4543	-	4543	-	20	20
Others	-	161	161	-	-	-	-	161	161	-	-	-	465	-	465	-	-	-
Total	174	291	465	-	-	-	174	291	465	-	-	-	5064	-	5064	-	20	20
ALL STATES																		
POL & other Pdcts	80469	34407	114876	9769	13075	22844	83500	38695	122195	10218	12967	23185	90026	40903	130929	9492	15900	25392
Coal	38749	519	39268	1911	97	2008	53421	1631	55052	3133	277	3410	74273	1017	75290	3181	568	3749
Building Material	534	3955	4489	3779	4874	8653	308	3080	3388	3832	5107	8939	132	2967	3099	4237	5530	9767
Fertiliser & FRM	9188	238	9426	73	2	75	12321	288	12609	114	3	117	15187	495	15682	60	1	61
Chemicals	783	154	937	83	334	417	570	1078	1648	96	309	405	345	367	712	305	281	586
Iron Ore	2531	37283	39814	7973	1026	8999	2079	26777	28856	9404	6	9410	891	19411	20302	10080	234	10314
Iron & Steel	1233	951	2184	196	249	445	1683	1232	2915	22	595	617	5515	2008	7523	199	747	946
Other Ore	1753	130	1883	80	242	322	1286	198	1484	51	191	242	1225	482	1707	-	354	354
Salt	31	806	837	63	153	216	-	898	898	32	60	92	-	999	999	64	150	214
Oil Cake	-	185	185	-	1	1	-	381	381	-	1	1	-	500	500	-	-	-
Edible Oil	1714	900	2614	7	-	7	1931	1357	3288	-	42	42	2089	8	2097	-	-	-
Foodgrains	49	246	295	86	48	134	6	693	699	83	22	105	1	821	822	64	12	76
Other Minerals	-	332	332	-	5	5	-	360	360	-	-	-	-	202	202	-	23	23
Others	22852	3517	26369	689	613	1302	18526	14819	33345	762	913	1675	20486	20204	40690	999	710	1709
Total	159886	83623	243509	24709	20719	45428	175631	91487	267118	27747	20493	48240	210170	90384	300554	28681	24510	53191

Source : States/UT Maritime Boards

Table 2.2.3

**Commodity-wise Overseas Cargo Traffic Handled At Select
Non-Major Ports - 2009-10, 2010-11 & 2011-12**

('000 Tonnes)

Port/Commodity	2009-10			2010-11			2011-12		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
GUJARAT									
1. Bedi	1323	495	1818	1297	651	1948	1472	846	2318
a)Others Ore	-	94	94	-	-	-	-	-	-
b)Fertilizers & FRM	548	-	548	455	-	455	497	-	497
c)Oil Cakes	-	185	185	-	381	381	-	500	500
d)Coal	775	214	989	842	270	1112	975	332	1307
e)Others	-	2	2	-	-	-	-	14	14
2. Okha	1096	-	1096	1103	48	1151	1506	31	1537
a)Chemicals	103	-	103	-	47	47	-	20	20
b) Coal	546	-	546	681	-	681	899	-	899
c)Ore	411	-	411	-	-	-	-	-	-
d)Others	36	-	36	422	1	423	607	11	618
3.GAPL	32774	1477	34251	35038	11378	46416	45901	13234	59135
a)Edible Oil	498	-	498	442	-	442	613	3	616
b)Food grains	-	208	208	-	664	664	-	784	784
c)Iron & steel	1072	790	1862	1520	913	2433	1481	1068	2549
d)POL&Other Products	8052	22	8074	8009	175	8184	10089	33	10122
e)Fertiliser&FRM	2076	-	2076	3167	-	3167	4444	-	4444
f)Coal	8518	20	8538	13990	468	14458	18679	270	18949
g)Others	12558	437	12995	7910	9158	17068	10595	11076	21671
4.Navalakhi	4344	120	4464	4282	205	4487	5491	183	5674
a)Coal	4344	-	4344	4244	-	4244	5491	-	5491
b)Salt	-	120	120	-	205	205	-	183	183
c)Others	-	-	-	38	-	38	-	-	-
5.Mul-Dwarka	561	603	1164	925	453	1378	783	300	1083
a)Building Material	-	603	603	-	453	453	-	300	300
b)Coal	481	-	481	803	-	803	720	-	720
c)POL&Other Products	28	-	28	-	-	-	-	-	-
d)Others	52	-	52	122	-	122	63	-	63
6. Sikka	62435	33894	96329	65280	38750	104030	66660	39190	105850
a)POL&Other Products	61121	32412	93533	64206	36441	100647	65731	38889	104620
b)Fertiliser & FRM	953	239	1192	711	209	920	549	301	850
c)Building Material	-	77	77	-	47	47	-	-	-
d)Coal	177	-	177	108	-	108	103	-	103
e)Edible oil	184	858	1042	232	1347	1579	-	-	-
f)Others	-	308	308	23	706	729	277	-	277
7. Magdalla	4799	1368	6167	6094	1335	7429	5886	1974	7860
a)POL&Other Products	383	948	1331	206	901	1107	206	852	1058
b)Iron Ore	584	216	800	797	50	847	97	99	196
c)Iron & Steel	79	110	189	3	293	296	12	941	953
d)Coal	2953	-	2953	4119	-	4119	4347	-	4347
e)Others	800	94	894	969	91	1060	1224	82	1306
8. Jafarabad	561	2506	3067	389	1905	2294	-	1880	1880
a)Coal	561	-	561	389	-	389	-	415	415
b)Building Material	-	2506	2506	-	1905	1905	-	1465	1465
c)Others	-	-	-	-	-	-	-	-	-

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

Commodity-wise Overseas Cargo Traffic Handled At Select

Non-Major Ports - 2009-10, 2010-11 & 2011-12

(’000 Tonnes)

Port/Commodity	2009-10			2010-11			2011-12		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
9. Dahej	10586	1119	11705	11679	1505	13184	15127	1455	16582
a)POL&Other Products	7776	973	8749	8685	1121	9806	10924	1121	12045
b)Chemicals	261	122	383	229	345	574	38	293	331
c)Fertiliser&FRM	518	-	518	440	-	440	695	-	695
d)Coal	479	-	479	863	-	863	2040	-	2040
e)Other ores	1241	-	1241	1280	-	1280	1225	9	1234
f)Others	311	24	335	182	39	221	205	32	237
10. GPPL	6140	63	6203	5568	2172	7740	6354	2764	9118
a)Building Material	-	19	19	-	-	-	-	-	-
b)Coal	1758	-	1758	1675	-	1675	1940	-	1940
c)Iron&Steel	55	44	99	22	-	22	32	-	32
d)Fertiliser&FRM	689	-	689	1022	-	1022	700	-	700
e)Others	3638	-	3638	2849	2172	5021	3682	2764	6446
MAHARASHTRA									
1. Revdanda	411	146	557	809	129	938	511	159	670
a)Iron Ore	392	106	498	500	102	602	320	159	479
b)Coal	19	-	19	309	-	309	191	-	191
c) Others	-	40	40	-	27	27	-	-	-
2. Ratnagiri	259	-	259	514	-	514	448	-	448
a) Chemicals	123	-	123	164	-	164	160	-	160
b) Coal	55	-	55	162	-	162	161	-	161
c) Others	81	-	81	188	-	188	127	-	127
3) Dharamtar	3802	104	3906	2569	651	3220	3638	191	3829
a) Iron ore	1054	49	1103	687	39	726	332	-	332
b) Coal	1938	-	1938	1436	329	1765	2432	-	2432
c)Iron&Steel	22	6	28	31	-	31	17	-	17
d)Fertiliser&FRM	205	-	205	145	44	189	230	-	230
e)Others	583	49	632	270	239	509	627	191	818
4) Dahanu	-	-	-	-	-	-	-	-	-
a) Coal	-	-	-	-	-	-	-	-	-
5)Dabhol	11	-	11	1	-	1	3	-	3
a)Others	11	-	11	1	-	1	3	-	3
KARNATAKA									
1. Karwar	120	1931	2051	85	947	1032	78	352	430
a)Fertilizer &FRM	-	-	-	17	-	17	29	-	29
b) Other minerals	-	332	332	-	360	360	-	202	202
c)Iron ore	-	1599	1599	-	491	491	-	-	-
d)POL&Other Products	-	-	-	3	-	3	-	-	-
e)Others	120	-	120	65	96	161	49	150	199
2.Belkeri	-	6254	6254	-	1831	1831	-	-	-
a) Iron ore	-	6242	6242	-	1831	1831	-	-	-
b)Others	-	12	12	-	-	-	-	-	-
KERALA									
1.Kozikode/Beyppore	-	-	-	-	-	-	-	-	-
a)Others	-	-	-	-	-	-	-	-	-
2.Kovalam-Vizhinjam	-	11	11	-	7	7	-	6	6
a)Others	-	11	11	-	7	7	-	6	6

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

**Commodity-wise Overseas Cargo Traffic Handled At Select
Non-Major Ports - 2009-10, 2010-11 & 2011-12**

('000 Tonnes)

Port/Commodity	2009-10			2010-11			2011-12		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
TAMILNADU									
1. Ennore	45	-	45	58	-	58	46	-	46
a)Fertiliser&FRM	45	-	45	58	-	58	46	-	46
b)Others	-	-	-	-	-	-	-	-	-
2. Nagapattinam	57	-	57	36	7	43	25	-	25
a)Edible Oil	47	-	47	36	-	36	25	-	25
b)Others	10	-	10	-	7	7	-	-	-
3. Cuddalore	108	11	119	210	-	210	227	1	228
a)POL&Other Products	97	-	97	210	-	210	220	-	220
b)Others	11	11	22	-	-	-	7	1	8
GOA									
Panaji	218	13679	13897	96	14468	14564	165	14305	14470
a) Iron ore	-	13679	13679	96	14468	14564	-	14305	14305
b) Coal	218	-	218	-	-	-	165	-	165
ANDHRA PRADESH									
1. Kakinada Anchorage Port	290	475	765	358	746	1104	16	3098	3114
a)Foodgrain	-	432	432	-	746	746	-	2020	2020
b)Fertiliser &FRM	109	-	109	123	-	123	10	-	10
c) Coal	154	-	154	147	-	147	-	-	-
d)Others	27	43	70	88	-	88	6	1078	1084
2. Kakinada Deep Water Port	7097	3494	10591	7000	2337	9337	5969	1835	7804
a)Fertiliser &FRM	2960	-	2960	3125	-	3125	3785	163	3948
b)Edible Oil	939	-	939	855	9	864	851	-	851
c)POL&Other Products	1605	-	1605	964	-	964	108	7	115
d)Iron ore	-	2429	2429	-	1018	1018	-	509	509
e)Coal	1165	-	1165	1500	-	1500	948	-	948
e)Others	428	1065	1493	556	1310	1866	277	1156	1433
3. Krishnapatinam	5002	11121	16123	10049	5856	15905	13633	1370	15003
a)Fertiliser &FRM	850	-	850	2115	-	2115	2197	-	2197
b) Iron ore	-	10622	10622	-	5355	5355	-	90	90
c) Coal	3878	-	3878	7389	-	7389	10629	-	10629
d)Building Material	-	499	499	-	456	456	-	744	744
e)Others	274	-	274	545	45	590	807	536	1343
4. Gangavaram	10157	2691	12848	11256	2584	13840	11746	2256	14002
a)Fertiliser &FRM	203	-	203	365	-	365	823	-	823
b) Iron ore	-	2213	2213	-	2584	2584	-	2141	2141
c) Coal	9019	-	9019	9587	-	9587	9959	-	9959
d)Others	935	478	1413	1304	-	1304	964	115	1079
PUDUCHERRY									
Karaikal	1278	38	1316	4627	101	4728	6240	168	6408
a)Building Material	-	22	22	-	2	2	-	52	52
b)Coal	1157	-	1157	3974	-	3974	4839	-	4839
c)Fertiliser &FRM	-	-	-	465	35	500	1182	31	1213
d)Salt	-	-	-	88	-	88	69	-	69
e)Others	121	16	137	100	64	164	150	85	235

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

**Commodity-wise Overseas Cargo Traffic Handled At Select
Non-Major Ports - 2009-10, 2010-11 & 2011-12**

(‘000 Tonnes)

Port/Commodity	2009-10			2010-11			2011-12		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
ORISSA									
Gopalpur	174	291	465	174	291	465	-	-	-
a) Fertiliser & FRM	32	-	32	32	-	32	-	-	-
b) Iron ore	-	130	130	-	130	130	-	-	-
c) Coal	142	-	142	142	-	142	-	-	-
d) Others	-	161	161	-	161	161	-	-	-
Dhamra	-	-	-	-	-	-	5064	-	5064
a) Iron ore	-	-	-	-	-	-	56	-	56
b) Coal	-	-	-	-	-	-	4543	-	4543
c) Others	-	-	-	-	-	-	465	-	465

Source : State / UT Maritime Boards

Table 2.2.4

**Commodity-wise Coastal Cargo Traffic Handled At Select
Non-Major Ports - 2009-10, 2010-11 & 2011-12** ('000 Tonnes)

Port/Commodity	2009-10			2010-11			2011-12		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
GUJARAT									
1.Bedi	20	197	217	2	171	173	42	363	405
a)Coal	-	84	84	-	171	171	42	363	405
b)Building Material	20	-	20	2	-	2	-	-	-
c)Others	-	113	113	-	-	-	-	-	-
2.Okha	-	-	-	-	-	-	-	88	88
a) Other Ores	-	-	-	-	-	-	-	69	69
b)Coal	-	-	-	-	-	-	-	13	13
b) Others	-	-	-	-	-	-	-	6	6
3.GAPL	4792	554	5346	4881	608	5489	5049	611	5660
a)POL&Other Products	4752	323	5075	4880	235	5115	5000	247	5247
b)Coal	-	-	-	-	104	104	48	104	152
c) Iron Ore	-	-	-	-	-	-	-	-	-
d)Others	40	231	271	1	269	270	1	260	261
4.Navlakhi	-	-	-	33	-	33	68	-	68
a)Building Material	-	-	-	33	-	33	68	-	68
5.Mul-Dwarka	-	2007	2007	-	2468	2468	-	2738	2738
a)Building Material	-	2007	2007	-	2468	2468	-	2738	2738
6.Sikka	233	10632	10865	330	11046	11376	65	12129	12194
a) POL&Other Products	233	10632	10865	330	10669	10999	65	12065	12130
b) Edible oil	-	-	-	-	42	42	-	-	-
c) Salt	-	64	64	-	32	32	-	64	64
d) Others	-	-	-	-	303	303	-	-	-
7.Magdalla	9177	946	10123	10480	614	11094	11596	928	12524
a) POL&Other Products	3276	-	3276	3091	-	3091	3404	-	3404
b)Building Material	918	-	918	1050	-	1050	1443	-	1443
c) Iron Ore	4871	732	5603	6283	-	6283	6643	-	6643
d) Iron & Steel	55	123	178	-	521	521	5	683	688
e) Others	57	91	148	56	93	149	101	245	346
8.Jafarabad	-	2380	2380	-	2169	2169	-	2238	2238
a)Building Material	-	2380	2380	-	2169	2169	-	2238	2238
9.Dahej	514	311	825	857	271	1128	783	251	1034
a) POL&Other Products	496	-	496	657	-	657	163	-	163
b)Chemicals	6	311	317	5	271	276	274	247	521
c)Others	12	-	12	195	-	195	346	4	350
10.GPPL	354	290	644	79	2	81	145	9	154
a)Building Material	-	-	-	-	-	-	-	-	-
b) Iron & Steel	64	40	104	-	-	-	-	-	-
c)Iron Ore	211	216	427	27	-	27	31	-	31
d)Others	79	34	113	52	-	52	114	9	123
GOA									
1. Panaji	-	-	-	17	-	17	-	-	-
a) Iron ore	-	-	-	17	-	17	-	-	-
b) Others	-	-	-	-	-	-	-	-	-

Table 2.2.4 (Contd...)

**Commodity-wise Coastal Cargo Traffic Handled At Select
Non-Major Ports - 2009-10, 2010-11 & 2011-12**

('000 Tonnes)

Port/Commodity	2009-10			2010-11			2011-12		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
MAHARASHTRA									
1.Ratnagiri	438	-	438	391	50	441	377	-	377
a)Building Material	373	-	373	232	50	282	377	-	377
b) Others	65	-	65	159	-	159	-	-	-
2.Dharamtar	2893	40	2933	3857	4	3861	3693	-	3693
a) Iron Ore	2496	-	2496	2386	-	2386	2772	-	2772
b)Building Material	270	-	270	221	-	221	408	-	408
c)Coal	40	-	40	1118	2	1120	363	-	363
d) Others	87	40	127	132	2	134	150	-	150
3. Revdanda	395	291	686	717	18	735	634	6	640
a) Iron Ore	395	77	472	692	6	698	634	-	634
b) Iron & Steel	-	57	57	-	12	12	-	6	6
c) Others	-	157	157	25	-	25	-	-	-
4. Ulwa-Belapur	1518	-	1518	1623	-	1623	1657	-	1657
a)Building Material	1518	-	1518	1623	-	1623	1657	-	1657
b) Others	-	-	-	-	-	-	-	-	-
5.Dabhol	22	5	27	12	5	17	36	1	37
a) Iron & Steel	4	-	4	1	-	1	32	-	32
b) Others	18	5	23	11	5	16	4	1	5
6.Dahanu	824	-	824	674	-	674	691	-	691
a)Coal	824	-	824	674	-	674	691	-	691
Orissa									
1. Dhamra	-	-	-	17	-	17	-	20	20
a) Coal	-	-	-	17	-	17	-	20	20
KERALA									
1.Kozikoda/ Beypore	34	71	105	30	77	107	17	79	96
a)Building material	-	26	26	-	9	9	14	71	85
b)Foodgrains	12	-	12	4	-	4	3	4	7
c)Others	22	45	67	26	68	94	-	4	4
2)Neendakara	-	-	-	-	-	-	-	-	-
3)Kovlam-Vizanjam	-	-	-	2	-	2	-	-	-
a)Others	-	-	-	2	-	2	-	-	-
ANDHRA PRADESH									
1.Rawa Port	-	1847	1847	-	1561	1561	-	3198	3198
a)Crude Oil	-	1847	1847	-	1561	1561	-	3198	3198
2.Kakinada Anchorage Port	-	54	54	13	29	42	-	50	50
a)Salt	-	-	-	-	-	-	-	-	-
b)Building material	-	54	54	-	28	28	-	41	41
c)Others	-	-	-	13	1	14	-	9	9
3.Kakinada Deep Water	1332	14	1346	1314	154	1468	1791	255	2046
a)POL&other Products	212	2	214	258	2	260	175	21	196
b)Chemical	8	-	8	-	-	-	-	-	0
c)Coal	1026	-	1026	986	-	986	1559	-	1559
d)Iron Ore	-	-	-	-	-	-	-	234	234
d)Other	86	12	98	70	152	222	57	-	57
4.Gangavaram	97	7	104	-	-	-	-	-	-
a)Iron & steel	97	7	104	-	-	-	-	-	-
b)Other	-	-	-	-	-	-	-	-	-

Table 2.2.4 (Contd...)

Commodity-wise Coastal Cargo Traffic Handled At Select
Non-Major Ports - 2009-10, 2010-11 & 2011-12

('000 Tonnes)

Port/Commodity	2009-10			2010-11			2011-12		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
TAMIL NADU									
1.py-03	-	68	68	-	152	152	-	59	59
a)POL&other Products	-	68	68	-	152	152	-	59	59
2.Nagapattinam	295	253	548	484	334	818	309	296	605
a)POL&other Products	294	248	542	484	330	814	309	291	600
b)Others	1	5	6	-	4	4	-	5	5
3.Thirukkadaiyur	326	-	326	327	-	327	235	-	235
a)POL&other Products	326	-	326	327	-	327	235	-	235
b)Others	-	-	-	-	-	-	-	-	-
KARNATAKA									
1.Karwar	150	-	150	84	11	95	67	-	67
a)Salt	63	-	63	32	-	32	64	-	64
b)Others	87	-	87	52	11	63	3	-	3
2.Mangalore	8	69	77	15	121	136	16	72	88
a)Other Minerals	-	4	4	-	-	-	-	23	23
b)Building Material	-	29	29	-	77	77	-	16	16
c)Others	8	36	44	15	44	59	16	33	49
PUDUCHERRY									
1)Karaikal	-	-	-	-	-	-	-	13	13
a)Others	-	-	-	-	-	-	-	13	13
ANDAMAN & NICOBAR									
1083	506	1589	985	352	1337	950	248	1198	
a)Building Material	526	311	837	460	206	666	268	59	327
b)POL&Other Products	141	17	158	146	16	162	141	16	157
c)Foodgrains	86	43	129	63	17	80	64	12	76
d)Others	330	135	465	316	113	429	477	161	638

Source : State / UT Maritime Boards

Table 2.2.5

Cargo Handled at Non-Major Ports (By Steamers & Sailing vessels) State Wise - 2010-11 & 2011-12

(000 'Tonnes)

State/Port	Overseas				Coastal				Total	
	Unloaded		Loaded		Unloaded		Loaded		Overseas & Coastal	
	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12
1	2	3	4	5	6	7	8	9	10	11
Gujarat	136606	157742	59900	63572	16896	17749	17505	19987	230907	259050
Steamers	136562	157742	59870	63572	16896	17749	17431	19987	230759	259050
S.V.	44	-	30	-	-	-	74	-	148	-
Maharashtra	4730	9196	2411	3421	7539	7102	195	228	14875	19947
Steamers	4730	9196	2411	3421	7539	7102	195	228	14875	19947
S.V.	-	-	-	-	-	-	-	-	-	-
Goa	96	165	14468	14305	17	-	-	-	14581	14470
Steamers	96	165	14468	14305	17	-	-	-	14581	14470
S.V.	-	-	-	-	-	-	-	-	-	-
Karnataka	86	82	2778	353	99	85	132	72	3095	592
Steamers	86	82	2778	353	99	85	132	72	3095	592
S.V.	-	-	-	-	-	-	-	-	-	-
Tamilnadu	306	307	7	1	811	544	487	358	1611	1210
Steamers	306	307	7	1	811	544	487	358	1611	1210
S.V.	-	-	-	-	-	-	-	-	-	-
Andhra Pradesh	28663	31364	11523	8558	1337	2208	1744	3503	43267	45633
Steamers	28663	31364	11523	8558	1337	2208	1744	3503	43267	45633
S.V.	-	-	-	-	-	-	-	-	-	-

Table 2.2.5

Cargo Handled at Non-Major Ports (By Steamers & Sailing vessels) State Wise - 2010-11 & 2011-12

(000 'Tonnes)

State/Port	Overseas				Coastal				Total	
	Unloaded		Loaded		Unloaded		Loaded		Overseas & Coastal	
	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12	2010-11	2011-12
1	2	3	4	5	6	7	8	9	10	11
Kerala	1	-	8	6	37	17	78	81	124	104
Steamers	-	-	7	6	2	17	1	81	10	104
S.V.	1	-	1	-	35	-	77	-	114	-
Puducherry	4627	6240	101	168	-	-	-	13	4728	6421
Steamers	4627	6240	101	168	-	-	-	13	4728	6421
S.V.	-	-	-	-	-	-	-	-	-	-
Orissa	174	5064	291	-	-	-	-	20	465	5084
Steamers	174	5064	291	-	-	-	-	20	465	5084
S.V.	-	-	-	-	-	-	-	-	-	-
Sea Islands	342	10	-	-	1011	976	352	248	1705	1234
Steamers	342	10	-	-	1011	976	352	248	1705	1234
S.V.	-	-	-	-	-	-	-	-	-	-
All States	175631	210170	91487	90384	27747	28681	20493	24510	315358	353745
Steamers	175586	210170	91456	90384	27712	28681	20342	24510	315096	353745
S.V.	45	-	31	-	35	-	151	-	262	-

Source : State / UT Maritime Boards

Table 2.2.6**Manpower Employment At Non-Major
Ports - 2011-12****(In No.)**

States/UTs	Officers		Regular Workers		Casual Workers
	Sanctioned	Actual	Sanctioned	Actual	
1	2	3	4	5	6
Gujarat	281	151	2449	1735	458
Maharashtra	9	9	165	149	28
Goa	12	12	177	136	8
Daman & Diu	13	13	0	0	2
Karnataka*	124	0	0	0	0
Kerala	45	44	117	92	1
Tamil Nadu	15	10	92	46	3
Puducherry	8	8	92	52	0
Andhra Pradesh**	0	0	1153	1153	4422
Andaman & Nicobar Islands	74	58	452	364	17
Orissa	0	0	0	0	0
Total	581	305	4697	3727	4939

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

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

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

Source : State / UT Maritime Boards

Table 2.2.7

Physical Performance of Non-Major Ports (2010-11 & 2011-12)

Maritime State/U.Ts./Port	No. of Vessels Left		Turn Round Time (in Days)	
	2010-11	2011-12	2010-11	2011-12
1	2	3	4	5
GUJARAT				
GUJARAT*	6234	9542	-	-
MAHARASHTRA				
Bandra	-	13	-	7.0
New Ferry	-	908	-	-
Shirwardhan	-	38	-	-
Bankot	-	349	-	-
Kiranpani	-	45	-	-
KARNATAKA				
Karwar	174	86	6.0	3-4
Malpe	7	63	N.A	1-2
Hangakatta	-	56	-	1-2
Old Mangalore	626	608	Neg	3-4
Belkeri	50	-	7.0	-
TAMIL NADU				
Nagapattinam	209	176	Neg	Neg
Tirukkadaiyur	9	13	2.0	1.0
Kudankulam	1	-	Neg	-
Cuddalore	33	39	2.0	9.9
Cuddalore (Chemplast Jetty)	-	45	-	2.0
Ennore	6	7	Neg	2.0
Py-3	11	6	1.4	0.7
Kattupalli	-	4	-	7.0
Trichopuram	1	4	8.4	6.5
GOA				
Panaji	188	172	5.0	4.0
ANDHRA PRADESH				
Kakinada(Sea Port)	869	719	2.5	3.5
Kakinada(Anchorage)	228	228	Neg	Neg
Rawa	85	85	Neg	Neg
Krishnapatinam	206	438	2.7	3.3
KERALA				
Kozhikode/Beypore	458	525	3.3	2.4
Koavalam/Vizhinjam	60	48	Neg	3.0
Kollam	18	11	Neg	2.0
Azhikkal	0	34	Neg	3-4
ORISSA				
Dhamra	0	83	Neg	4.0

* Break up not given.

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
2011-12	306.76	147.56	454.56	55.98	49.89	105.53	362.74	197.45	560.19
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
2011-12	210.17	90.38	300.55	28.68	24.51	53.19	238.85	114.89	353.75
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
2011-12	516.93	237.94	755.11	84.66	74.40	158.72	601.59	312.34	913.93

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	2011-12
1	2	3	4	5	6	7	8	9	10	11	12	13
GUJARAT	108000	117263	122194	128855	137692	149434	184247	215441	225035	285083	312787	341551
Kandla	36741	37728	40633	41523	41551	45907	52982	64920	72224	79500	81880	82501
Other Ports	71259	79535	81561	87332	96141	103527	131265	150521	152811	205583	230907	259050
Overseas	84999	95314	97572	103247	111691	123660	146295	192185	199107	242187	269049	293675
Coastal	23001	21949	24622	25608	26001	25774	37952	23256	25928	42896	43738	47876
Loaded	31129	36153	40600	43694	46379	47821	56420	64601	60201	78063	98045	105233
Unloaded	76871	81110	81594	85161	91313	101613	127827	150840	164834	207020	214742	236318
MAHARASHTRA	51683	53911	62265	71517	80138	93182	108759	124239	119588	127350	133778	141863
Mumbai	27063	26433	26796	29995	35187	44190	52364	57038	51876	54541	54586	56186
J.L.Nehru	18575	22521	26844	31190	32808	37836	44815	55838	57296	60763	64317	65730
Other Ports	6045	4957	8625	10332	12143	11156	11580	11363	10416	12046	14875	19947
Overseas	36990	39555	46044	54689	60476	70003	83450	95041	90191	97925	105071	115242
Coastal	14693	14356	16221	16828	19662	23179	25309	29198	29397	29425	28707	26621
Loaded	18464	19196	25156	28370	29911	37379	36029	40739	40801	37079	41536	44571
Unloaded	33219	34715	37109	43147	50227	55803	72730	83509	78787	90271	92242	97292
GOA	22816	25786	24223	36310	38860	43450	48547	47953	53582	62744	64641	53519
Mormugao	19628	22928	23649	27874	30659	31688	34241	35128	41681	48847	50060	39049
Other Ports	3188	2858	5574	8436	8201	11762	14306	12825	11901	13897	14581	14470
Overseas	21162	23857	27818	34969	37711	42452	47685	46832	52550	61196	63404	52384
Coastal	1654	1929	1405	1341	1149	998	862	1121	1032	1548	1237	1135
Loaded	18359	20654	24449	31424	32978	37043	41218	40679	46570	54634	55328	44222
Unloaded	4457	5132	4774	4886	5882	6407	7329	7274	7012	8110	9313	9297

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

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	2011-12
1	2	3	4	5	6	7	8	9	10	11	12	13
DAMAN & DIU	-	-	-	-	-	-	-	-	-	-	-	-
Other Ports	-	-	-	-	-	-	-	-	-	-	-	-
Overseas	-	-	-	-	-	-	-	-	-	-	-	-
Coastal	-	-	-	-	-	-	-	-	-	-	-	-
Loaded	-	-	-	-	-	-	-	-	-	-	-	-
Unloaded	-	-	-	-	-	-	-	-	-	-	-	-
KARNATAKA	18567	18247	22102	27841	37397	38568	38603	44918	41659	44075	34645	33533
New Mangalore	17891	17501	21430	26673	33891	34451	32042	36019	36691	35528	31550	32941
Other Ports	676	746	672	1168	3506	4117	6561	8899	4968	8547	3095	592
Overseas	14048	13517	17740	22387	28823	30673	30640	38627	35482	36790	27684	27462
Coastal	4519	4730	4362	5454	8574	7895	7963	6291	6177	7285	6991	6071
Loaded	9082	9195	11238	14446	21440	21700	20326	25095	21613	22215	13094	9682
Unloaded	9485	9052	10864	13395	15957	16868	18277	19823	20046	21860	21251	23851
KERALA	13238	12186	13113	13630	14184	14023	15429	15914	15625	17548	17997	20194
Cochin	13144	12059	13024	13572	14103	13888	15257	15810	15494	17429	17873	20090
Other Ports	94	127	89	58	81	135	172	104	131	119	124	104
Overseas	7354	7032	8347	9830	10365	9842	10862	10670	11111	11898	13159	13306
Coastal	5884	5154	4766	3800	3819	4181	4567	5244	4514	5650	4838	6888
Loaded	2122	2000	2158	2572	3188	2971	3533	3708	2794	3680	3999	4400
Unloaded	11116	10186	10955	11058	10996	11052	11896	12206	12831	13868	13998	15794
TAMIL NADU	53838	53068	56068	60355	69951	74266	82934	91084	91900	96721	99807	99978
Tuticorin	12284	13017	13294	13678	15811	17139	18001	21480	22011	23787	25727	28105
Chennai	41220	36115	33687	36710	43806	47248	53414	57154	57491	61057	61460	55707
Ennore	-	3401	8485	9277	9480	9168	10714	11563	11500	10703	11009	14956
Other Ports	334	535	602	690	854	711	805	887	898	1174	1611	1210
Overseas	30932	31978	32835	36929	46655	53198	62038	70809	71367	75856	79169	79509
Coastal	22906	21090	23233	23426	23296	21068	20896	20275	20533	20865	20638	20469
Loaded	14907	16445	18010	20080	23639	24602	29156	32759	29896	29349	30014	29039
Unloaded	38931	36623	38058	40275	46312	49664	53778	58325	62004	67372	69793	70939

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

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	2011-12
1	2	3	4	5	6	7	8	9	10	11	12	13
PONDICHERY	76	95	19	108	59	96	34	10	47	1316	4728	6421
Other Ports	76	95	19	108	59	96	34	10	47	1316	4728	6421
Overseas	76	95	19	108	59	85	34	10	47	1316	4728	6408
Coastal	-	-	-	-	-	11	-	-	-	-	-	13
Loaded	-	-	8	71	26	56	18	-	-	38	101	181
Unloaded	76	95	11	37	33	40	16	10	47	1278	4627	6240
ANDHRA PRADES	49524	49998	56242	57757	65215	73475	74994	83887	93628	109191	111308	113053
Visakhapatnam	44685	44344	46006	47736	50148	55801	56385	64597	63908	65501	68041	67420
Other Ports	4839	5654	10236	10021	15067	17674	18609	19290	29720	43690	43267	45633
Overseas	26552	29868	35943	38300	48133	54394	53676	60938	69929	85364	85177	84675
Coastal	22972	20130	20299	19457	17082	19081	21318	22949	23699	23827	26131	28378
Loaded	20975	20409	26835	25921	30818	34006	33486	38779	42381	49727	45180	40790
Unloaded	28549	29589	29407	31836	34397	39469	41508	45108	51247	59464	66128	72263
ORISSA	20040	21149	23901	25311	30104	33109	38517	42732	46707	57476	56503	59338
Paradip	19900	21131	23901	25311	30104	33109	38517	42437	46412	57011	56038	54254
Other Ports	140	18	-	-	-	-	-	295	295	465	465	5084
Overseas	9948	10175	11700	13150	18580	23051	26777	30191	33958	45180	45118	46361
Coastal	10092	10974	12201	12161	11524	10058	11740	12541	12749	12296	11385	12977
Loaded	13186	14483	16910	18606	21666	21685	24855	25672	26615	28127	25107	18281
Unloaded	6854	6666	6991	6705	8438	11424	13662	17060	20092	29349	31396	41057
WEST BENGAL	30000	30403	35804	41260	46207	53143	55050	57329	54220	46423	47545	43248
KDS	7158	5374	7201	8693	9945	10806	12596	13741	12428	13045	12540	12233
HDC	22842	25029	28603	32567	36262	42337	42454	43588	41792	33378	35005	31015
Other Ports	-	-	-	-	-	-	-	-	-	-	-	-
Overseas	22659	24437	27341	32714	38086	44025	47447	50912	47187	39334	39388	35837
Coastal	7341	5966	8463	8546	8121	9118	7603	6417	7033	7089	8157	7411
Loaded	6821	7431	9344	11024	13001	16405	16735	18288	17547	16572	17030	15280
Unloaded	23179	22972	26460	30236	33206	36738	38315	39041	36673	29851	30515	27968

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

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	2011-12
1	2	3	4	5	6	7	8	9	10	11	12	13
SEA-ISLANDS	715	999	921	720	908	941	1590	2185	2035	2100	1705	1234
Other Ports	715	999	921	720	908	941	1590	2185	2035	2100	1705	1234
Overseas	-	-	-	-	5	4	6	9	76	486	342	10
Coastal	715	999	921	720	903	937	1584	2176	1959	1614	1337	1224
Loaded	115	363	203	231	247	275	544	809	675	516	352	195
Unloaded	600	636	718	489	661	666	1046	1376	1360	1584	1353	1039
ALL INDIA	368497	383105	421852	463664	520715	573687	648704	725692	744026	850027	885444	913932
Major Ports	281131	287581	313553	344799	383755	423568	463782	519313	530804	561090	570086	560187
Other Ports	87366	95524	108299	118865	136960	150119	184922	206379	213222	288937	315358	353745
Overseas	254720	275828	305359	346323	400584	451387	508910	596224	611005	697532	732289	754869
Coastal	113777	107277	116493	117341	120131	122300	139794	129468	133021	152495	153159	159063
Loaded	135160	146329	174911	196439	223293	243943	262320	291120	289093	320000	329786	311874
Unloaded	233337	236776	246941	267225	297422	329744	386384	434572	454933	530027	555358	602058

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

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

Table 3.1.3

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

('000 Tonnes)

Port/State/Type of Traffic	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
1	2	3	4	5	6	7	8	9	10	11	12	13
GUJARAT												
Kandla	31954	30024	30259	31214	32006	35731	41246	48404	54200	61893	61241	60412
Other Ports	44917	51086	51335	53947	59307	65882	86581	102436	110634	145127	153502	175491
Total	76871	81110	81594	85161	91313	101613	127827	150840	164834	207020	214743	235903
Overseas	65900	71757	70310	73215	78664	87723	114032	137352	150376	187390	193891	214117
Coastal	10971	9353	11284	11946	12649	13890	13795	13488	14458	19630	20852	21786
MAHARASHTRA												
Mumbai	16959	17310	16409	19052	23061	26867	39067	44540	42915	46826	46527	47776
J. L. Nehru	10611	12920	12668	14794	16633	19516	23270	29434	28166	32382	33414	33218
Other Ports	5649	4485	8032	9301	10533	9420	10393	9526	7706	11063	12269	16298
Total	33219	34715	37109	43147	50227	55803	72730	83500	78787	90271	92210	97292
Overseas	25691	27014	29025	35481	39558	47210	55846	62069	56983	68231	70526	77379
Coastal	7528	7701	8084	7666	10669	8593	16884	21439	21804	22040	21684	19913
GOA												
Mormugao	3690	4619	4380	4468	5631	6074	7050	7185	7012	7892	9200	9132
Other Ports	767	513	394	418	251	333	279	89	0	218	113	165
Total	4457	5132	4774	4886	5882	6407	7329	7274	7012	8110	9313	9297
Overseas	3167	3761	3731	3659	5035	5852	6705	6636	6395	7088	8389	8477
Coastal	1290	1371	1043	1227	847	555	624	638	617	1022	924	820
KARNATAKA												
New Mangalore	9190	8757	10592	13047	15512	16519	17922	19625	19964	21569	21066	23684
Other Ports	295	295	272	348	445	349	355	198	82	291	185	167
Total	9485	9052	10864	13395	15957	16868	18277	19823	20046	21860	21251	23851
Overseas	8412	7496	9601	10657	11641	12758	13528	16759	16815	18096	17601	20358
Coastal	1073	1556	1263	2738	4316	4110	4749	3064	3231	3764	3650	3493
KERALA												
Cochin	11061	10094	10899	11018	10950	10968	11785	12189	12783	13834	13960	15775
Other Ports	55	92	56	40	46	84	111	17	48	34	38	17
Total	11116	10186	10955	11058	10996	11052	11896	12206	12831	13868	13998	15792
Overseas	6279	5816	7239	8174	8331	8044	8959	8529	9343	9570	10227	10563
Coastal	4837	4370	3716	2884	2665	3008	2937	3677	3488	4298	3771	5229
TAMIL NADU												
Tuticorin	9839	9811	9564	10184	12060	13375	13502	15472	16370	18652	18394	19561
Chennai	28920	23140	19606	20302	24745	27203	30759	32859	34645	38114	40325	36815
Ennore	-	3401	8485	9277	8960	8631	8990	9373	10389	9767	9957	13712
Other Port	172	271	403	512	547	455	527	621	600	839	1117	851
Total	38931	36623	38058	40275	46312	49664	53778	58325	62004	67372	69793	70939
Overseas	16969	16879	16028	18170	25179	30941	34659	39721	43203	48276	51041	52035
Coastal	21962	19744	22030	22105	21133	18723	19119	18604	18801	19096	17635	18904

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

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

('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	2011-12
1	2	3	4	5	6	7	8	9	10	11	12	13
PONDICHERRY												
Other Ports	76	95	11	37	33	40	16	10	47	1278	4627	6240
Total	76	95	11	37	33	40	16	10	47	1278	4627	6240
Overseas	76	95	11	37	33	40	16	10	47	1278	4627	6240
Coastal	-	-	-	-	-	-	-	-	-	-	-	-
ANDHRA PRADESH												
Visakhapatnam	26499	27436	25724	26367	25232	30651	32555	35675	35660	35477	36128	38691
Other Ports	2050	2153	3683	5469	9165	8818	8953	9433	15587	23987	30000	33572
Total	28549	29589	29407	31836	34397	39469	41508	45108	51247	59464	66128	72263
Overseas	18162	20031	20727	23641	29206	33185	35140	38045	43889	52727	59427	64484
Coastal	10387	9558	8680	8195	5191	6284	6368	7063	7358	6737	6701	7779
ORISSA												
Paradip	6848	6662	6991	6705	8438	11424	13662	16854	19891	29175	31222	35993
Other Ports	6	4	-	-	-	-	-	206	201	174	174	5064
Total	6854	6666	6991	6705	8438	11424	13362	17060	20092	29349	31396	41057
Overseas	6021	5746	5914	5896	7931	10950	12826	15309	18683	27683	29832	38854
Coastal	833	920	1077	809	507	474	836	1751	1409	1666	1564	2203
WEST BENGAL												
KDS	5929	4505	6337	7559	8201	8628	9780	10362	8800	8269	7258	7003
HDC	17250	18467	20123	22677	25005	28110	28535	28679	27873	21582	23257	20965
Other Ports	-	-	-	-	-	-	-	-	-	-	-	0
Total	23179	22972	26460	30236	33206	36738	38315	39041	36673	29851	30515	27968
Overseas	20254	20697	22089	25580	29298	32346	34594	35761	32920	25577	25734	24409
Coastal	2925	2275	4371	4656	3908	4392	3721	3280	3753	4274	4781	3559
SEA-ISLAND												
Other Ports	600	636	718	489	661	666	1046	1376	1360	1584	1353	986
Total	600	636	718	489	661	666	1046	1376	1360	1584	1353	986
Overseas	-	-	-	-	5	4	6	9	76	476	342	10
Coastal	600	636	718	489	656	662	1040	1367	1284	1108	1011	976
ALL INDIA												
MAJOR PORTS	178750	177146	182037	196664	216434	243697	278123	310651	318668	345432	351949	362737
Other Ports	54587	59630	64904	70561	80988	86047	108261	123912	136265	184595	203378	238851
Total	233337	236776	246941	267225	297422	329744	386384	434572	454933	530027	555327	601588
Overseas	170931	179292	184675	204510	234881	269053	316311	329218	378730	446392	471943	516926
Coastal	62406	57484	62266	62715	62541	60691	70073	67308	76203	83635	83384	84662

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

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

Table 3.1.4

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

('000 Tonnes)

Port / State	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
1	2	3	4	5	6	7	8	9	10	11	12	13
GUJARAT												
Kandla	4787	7704	10374	10309	9545	10176	11736	16516	18024	17607	20639	22089
Other Ports	26342	28449	30226	33385	36834	37645	44684	48085	42177	60456	77405	83559
Total	31129	36153	40600	43694	46379	47821	56420	64601	60201	78063	98044	105648
Overseas	19099	23557	27262	30032	33027	35937	32263	54833	48731	54797	75158	79559
Coastal	12030	12596	13338	13662	13352	11884	24157	9768	11470	23266	22886	26089
MAHARASHTRA												
Mumbai	10104	9123	10387	10943	12126	17323	13297	12489	8961	7715	8059	8410
J. L. Nehru	7964	9601	14176	16396	16175	18320	21545	26404	29130	28381	30903	32512
Other Ports	396	472	593	1031	1610	1736	1187	1837	2710	983	2606	3649
Total	18464	19196	25156	28370	29911	37379	36029	40730	40801	37079	41568	44571
Overseas	11299	12541	17019	19208	20918	22793	27604	32972	33208	29694	34545	37863
Coastal	7165	6655	8137	9162	8993	14586	8425	7759	7593	7385	7023	6708
GOA												
Mormugao	15938	18309	19269	23406	25028	25614	27191	27943	34669	40955	40860	29917
Other Ports	2421	2345	5180	8018	7950	11429	14027	12736	11901	13679	14468	14305
Total	18359	20654	24449	31424	32978	37043	41218	40679	46570	54634	55328	44222
Overseas	17995	20096	24087	31310	32676	36600	40980	40196	46155	54108	55015	43907
Coastal	364	558	362	114	302	443	238	483	415	526	313	315
KARNATAKA												
New Mangalore	8701	8744	10838	13626	18379	17932	14120	16394	16727	13959	10484	9257
Other Ports	381	451	400	820	3061	3768	6206	8701	4886	8256	2910	425
Total	9082	9195	11238	14446	21440	21700	20326	25095	21613	22215	13394	9682
Overseas	5636	6021	8139	11730	17182	17915	17112	21868	18667	18694	10083	7104
Coastal	3446	3174	3099	2716	4258	3785	3214	3227	2946	3521	3311	2578
KERALA												
Cochin	2083	1965	2125	2554	3153	2920	3472	3621	2711	3595	3913	4315
Other Ports	39	35	33	18	35	51	61	87	83	85	86	87
Total	2122	2000	2158	2572	3188	2971	3533	3708	2794	3680	3999	4402
Overseas	1075	1216	1108	1656	2034	1798	1903	2141	1768	2328	2932	2743
Coastal	1047	784	1050	916	1154	1173	1630	1567	1026	1352	1067	1659
TAMIL NADU												
Tuticorin	2445	3206	3730	3494	3751	3764	4499	6008	5641	5135	7333	8544
Chennai	12300	12975	14081	16408	19061	20045	22655	24295	22846	22943	21135	18892
Ennore	-	-	-	-	520	537	1724	2190	1111	936	1052	1244
Other Ports	162	264	199	178	307	256	278	266	298	335	494	359
Total	14907	16445	18010	20080	23639	24602	29156	32759	29896	29349	30014	29039
Overseas	13963	15099	16807	18759	21476	22257	27379	31088	28164	27580	33069	27474
Coastal	944	1346	1203	1321	2163	2345	1777	1671	1732	1769	2192	1565

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

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

('000 Tonnes)

Port / State	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-	2008-09	2009-10	2010-11	2011-12
1	2	3	4	5	6	7	8	9	10	11	12	13
PONDICHERRY												
Other Ports	-	-	8	71	26	56	18	-	-	38	101	181
Total	-	-	8	71	26	56	18	-	-	38	101	181
Overseas	-	-	8	71	26	45	18	-	-	38	101	168
Coastal	-	-	-	-	-	11	-	-	-	-	-	13
ANDHRA PRADESH												
Visakhapatnam	18186	16908	20282	21369	24916	25150	23830	28922	28248	30024	31913	28729
Other Ports	2789	3501	6553	4552	5902	8856	9656	9857	14133	19703	13267	12061
Total	20975	20409	26835	25921	30818	34006	33486	38779	42381	49727	45180	40790
Overseas	8390	9837	15216	14659	18927	21209	18536	22893	26040	32637	25750	20191
Coastal	12585	10572	11619	11262	11891	12797	14950	15886	16341	17090	19430	20599
ORISSA												
Paradip	13052	14469	16910	18606	21666	21685	24855	25583	26521	27836	24810	18261
Other Ports	134	14	-	-	-	-	-	89	94	291	291	20
Total	13186	14483	16910	18606	21666	21685	24855	25672	26615	28127	25101	18281
Overseas	3927	4429	5786	7254	10649	12101	13951	14882	15275	17497	15286	7507
Coastal	9259	10054	11124	11352	11017	9584	10904	10790	13340	10630	9821	10774
WEST BENGAL												
KDS	1229	869	864	1134	1744	2178	2816	3379	3628	4776	5282	10050
HDC	5592	6562	8480	9890	11257	14227	13919	14909	13919	11796	11748	5230
Other Ports	-	-	-	-	-	-	-	-	-	-	-	-
Total	6821	7431	9344	11024	13001	16405	16735	18288	17547	16572	17030	15280
Overseas	2405	3740	5252	7134	8788	11679	12853	15151	14267	13757	13654	11428
Coastal	4416	3691	4092	3890	4213	4726	3882	3137	3280	2815	3376	3852
SEA-ISLANDS												
Other Ports	115	363	203	231	247	275	544	809	675	516	352	248
Total	115	363	203	231	247	275	544	809	675	516	352	248
Overseas	-	-	-	-	-	-	-	-	-	10	-	-
Coastal	115	363	203	231	247	275	544	809	675	506	352	248
ALL INDIA												
Major Ports	102381	110435	131516	148135	167321	179871	185659	208653	212136	215658	218137	197450
Other Ports	32779	35894	43395	48304	55972	64072	76661	82467	76957	104342	111980	114894
Total	135160	146329	174911	196439	223293	243943	262320	291120	289093	320000	330117	312344
Overseas	83789	96536	120684	141813	165703	182334	192599	236024	232275	251140	260346	238183
Coastal	51371	49793	54227	54626	57590	61609	69721	55097	56818	68860	69771	74161

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

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

Table 3.2.1

Trend in Total Traffic Handled at Major Ports

(Million Tonnes)

Year	Overseas			Coastal			Overseas & Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
1980-81	39.09	28.50	67.59	7.73	4.95	12.68	46.82	33.45	80.27
1981-82	39.78	32.23	72.01	8.61	7.36	15.97	48.39	39.59	87.98
1982-83	41.08	29.16	70.24	10.57	12.89	23.46	51.65	42.05	93.70
1983-84	38.80	29.07	67.87	13.41	15.10	28.51	52.21	44.17	96.38
1984-85	39.62	33.97	73.59	15.71	16.52	32.23	55.33	50.49	105.82
1985-86	45.82	36.73	82.55	22.16	14.91	37.07	67.98	51.64	119.62
1986-87	43.58	39.79	83.37	23.36	17.64	41.00	66.94	57.43	124.37
1987-88	49.95	40.15	90.10	23.39	21.11	44.50	73.34	61.26	134.60
1988-89	55.40	43.79	99.19	25.91	21.96	47.87	81.31	65.75	147.06
1989-90	54.13	45.26	99.39	26.72	21.46	48.18	80.85	66.72	147.57
1990-91	59.02	43.63	102.65	26.07	22.95	49.02	85.09	66.58	151.67
1991-92	59.91	44.89	104.80	26.66	25.18	51.84	86.57	70.07	156.64
1992-93	74.09	43.28	117.37	24.35	24.78	49.13	98.44	68.06	166.50
1993-94	76.02	53.48	129.50	24.81	24.71	49.52	100.83	78.19	179.02
1994-95	83.60	52.18	135.78	29.60	30.51	60.11	113.20	82.69	195.89
1995-96	94.86	57.24	152.10	31.79	31.32	63.11	126.65	88.56	215.21
1996-97	102.84	57.77	160.61	36.37	30.28	66.65	139.21	88.05	227.26
1997-98	117.43	62.25	179.68	38.55	33.43	71.98	155.98	95.68	251.66
1998-99	124.99	55.03	180.02	39.54	32.18	71.72	164.53	87.21	251.74
1999-00	133.80	56.63	190.43	49.92	31.62	81.54	183.72	88.25	271.97
2000-01	127.20	66.20	193.40	51.55	36.18	87.73	178.75	102.38	281.13
2001-02	130.12	76.77	206.89	47.03	33.66	80.69	177.15	110.43	287.58
2002-03	133.83	93.52	227.35	48.21	37.99	86.20	182.04	131.51	313.55
2003-04	148.13	110.66	258.79	48.53	37.48	86.01	196.66	148.14	344.80
2004-05	169.42	126.20	295.62	47.02	41.12	88.14	216.44	167.32	383.76
2005-06	199.48	133.64	333.12	44.22	46.23	90.45	243.70	179.87	423.57
2006-07	225.55	143.26	368.81	52.57	42.40	94.97	278.12	185.66	463.78
2007-08	253.16	165.76	418.92	57.49	42.90	100.39	310.65	208.66	519.31
2008-09	260.97	166.49	427.46	57.70	45.65	103.34	318.67	212.14	530.80
2009-10	286.50	167.52	454.02	58.93	48.14	107.07	345.43	215.66	561.09
2010-11	296.31	168.86	465.17	55.64	49.28	104.92	351.95	218.14	570.09
2011-12	306.76	147.80	454.56	55.98	49.65	105.63	362.74	197.45	560.19

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
2011-12	82.50	56.19	65.73	39.05	32.94	20.09	28.11	55.71	14.96	67.42	54.25	43.25	560.19

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	194624	561090
2010-11	179882	12367	6790	87686	75146	1915	206300	570086
2011-12	173851	12218	8186	60719	78776	3279	223158	560187
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
	22709	611	2129	...	381	2584	9314	37728
	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
2011-12	46938	5297	761	991	4225	1291	22998	82501

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	15729	54541
2010-11	32990	155	300	...	6368	745	14028	54586
2011-12	30611	230	174	...	4622	894	19655	56186
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	-	-	-	-	-	55847	60763
2010-11	5043	-	870	-	-	-	58404	64317
2011-12	4845	-	4	-	-	19	60862	65730

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

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	-	2443	48847
2010-11	939	232	-	40625	6566	-	1698	50060
2011-12	923	93	-	29370	6832	-	1831	39049
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	3323	35528
2010-11	21551	784	4	3744	2856	116	2495	31550
2011-12	22245	804	21	3036	4022	58	2755	32941

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	-	4997	17429
2010-11	12121	76	353	...	40	-	5283	17873
2011-12	14084	115	315	...	34	-	5542	20090
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	15398	23787
2010-11	741	1171	730	64	5349	80	17592	25727
2011-12	630	1134	891	33	6050	307	19060	28105

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	-	36039	61057
2010-11	13991	434	337	2114	2023	86	42475	61460
2011-12	13290	394	249	97	961	190	40526	55707
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	-	93	10703
2010-11	509	-	-	401	9368	-	731	11009
2011-12	502	-	-	-	13111	-	1343	14956
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	12634	65501
2010-11	19242	3268	811	19347	11464	203	13706	68041
2011-12	17428	3719	832	16243	10063	517	18618	67420

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	-	5818	57011
2010-11	12845	136	4226	13795	19340	-	5696	56038
2011-12	15091	236	4547	6556	21563	-	6261	54254
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	19991	46423
2010-11	11484	304	217	6779	8280	11	20470	47545
2011-12	7264	196	392	4393	7293	3	23707	43248

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
2011-12	56374	15987	72361	4038	6102	10140	60412	22089	82501
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
2011-12	36536	5393	41929	11240	3017	14257	47776	8410	56186
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
2011-12	31647	29049	60696	1571	3463	5034	33218	32512	65730

Table 3.2.4
(Contd...)

Trend in Type-wise Cargo Traffic Handled at Major Ports

('000 tonnes)

PORT/YEAR	Overseas			Coastal			Overseas & Coastal		
	Un-Loaded	Loaded	Total	Un-Loaded	Loaded	Total	Un-Loaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
MORMUGAO									
1995-96	2336	15146	17482	483	130	613	2819	15276	18095
1996-97	1156	15260	16416	795	101	896	1951	15361	17312
1997-98	1122	19114	20236	856	90	946	1978	19204	21182
1998-99	1779	15335	17114	781	125	906	2560	15460	18020
1999-00	2278	14784	17062	1019	145	1164	3297	14929	18226
2000-01	2558	15813	18371	1132	125	1257	3690	15938	19628
2001-02	3564	18153	21717	1055	156	1211	4619	18309	22928
2002-03	3379	19076	22455	1001	193	1194	4380	19269	23649
2003-04	3241	23326	26567	1227	80	1307	4468	23406	27874
2004-05	4784	24741	29525	847	287	1134	5631	25028	30659
2005-06	5519	25255	30774	555	359	914	6074	25614	31688
2006-07	6426	26988	33414	624	203	827	7050	27191	34241
2007-08	6547	27539	34086	638	404	1042	7185	27943	35128
2008-09	6395	34255	40650	617	414	1031	7012	34669	41681
2009-10	6870	40429	47299	1022	526	1548	7892	40955	48847
2010-11	8293	40547	48840	907	313	1220	9200	40860	50060
2011-12	8312	29602	37914	820	315	1135	9132	29917	39049
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
2011-12	20276	6751	27027	3408	2506	5914	23684	9257	32941
COCHIN									
1995-96	3522	1184	4706	5603	1194	6797	9125	2378	11503
1996-97	4497	1190	5687	4990	1065	6055	9487	2255	11742
1997-98	5447	1038	6485	4334	1504	5838	9781	2542	12323
1998-99	6168	952	7120	4083	1478	5561	10251	2430	12681
1999-00	3490	893	4383	7146	1312	8458	10636	2205	12841
2000-01	6278	1072	7350	4783	1011	5794	11061	2083	13144
2001-02	5815	1214	7029	4279	751	5030	10094	1965	12059
2002-03	7230	1108	8338	3669	1017	4686	10899	2125	13024
2003-04	8174	1656	9830	2844	898	3742	11018	2554	13572
2004-05	8324	2027	10351	2626	1126	3752	10950	3153	14103
2005-06	8007	1785	9792	2961	1135	4096	10968	2920	13888
2006-07	8913	1903	10816	2872	1569	4441	11785	3472	15257
2007-08	8529	2130	10659	3660	1491	5151	12189	3621	15810
2008-09	9343	1747	11090	3440	964	4404	12783	2711	15494
2009-10	9570	2314	11884	4264	1281	5545	13834	3595	17429
2010-11	10226	2924	13150	3734	989	4723	13960	3913	17873
2011-12	10563	2737	13300	5212	1578	6790	15775	4315	20090

**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
2011-12	13404	7948	21352	6157	596	6753	19561	8544	28105
CHENNAI									
1995-96	11693	9259	20952	8740	1029	9769	20433	10288	30721
1996-97	11603	8728	20331	10330	1187	11517	21933	9915	31848
1997-98	12730	10455	23185	11299	1047	12346	24029	11502	35531
1998-99	12431	9217	21648	12660	894	13554	25091	10111	35202
1999-00	12950	9826	22776	13488	1179	14667	26438	11005	37443
2000-01	13187	11567	24754	15733	733	16466	28920	12300	41220
2001-02	12682	11952	24634	10458	1023	11481	23140	12975	36115
2002-03	12003	13117	25120	7603	964	8567	19606	14081	33687
2003-04	13807	15349	29156	6495	1059	7554	20302	16408	36710
2004-05	18952	17273	36225	5793	1788	7581	24745	19061	43806
2005-06	23247	18064	41311	3956	1981	5937	27203	20045	47248
2006-07	26195	21337	47532	4564	1318	5882	30759	22655	53414
2007-08	28526	23369	51895	4333	926	5259	32859	24295	57154
2008-09	30028	21983	52011	4617	863	5480	34645	22846	57491
2009-10	33875	22219	56094	4239	724	4963	38114	22943	61057
2010-11	36287	20178	56465	4038	957	4995	40325	21135	61460
2011-12	32867	18281	51148	3948	611	4559	36815	18892	55707
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
2011-12	5457	1244	6701	8255	-	8255	13712	1244	14956
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
2011-12	33120	11633	44753	5571	17096	22667	38691	28729	67420
PARADIP									
1995-96	4135	2200	6335	65	4859	4924	4200	7059	11259
1996-97	3733	1818	5551	126	5903	6029	3859	7721	11580
1997-98	4379	1676	6055	109	7138	7247	4488	8814	13302
1998-99	3939	1343	5282	568	7258	7826	4507	8601	13108
1999-00	4237	1933	6170	539	6927	7466	4776	8860	13636
2000-01	6015	3793	9808	833	9259	10092	6848	13052	19900
2001-02	5742	4415	10157	920	10054	10974	6662	14469	21131
2002-03	5914	5786	11700	1077	11124	12201	6991	16910	23901
2003-04	5896	7254	13150	809	11352	12161	6705	18606	25311
2004-05	7931	10649	18580	507	11017	11524	8438	21666	30104
2005-06	10950	12101	23051	474	9584	10058	11424	21685	33109
2006-07	12826	13951	26777	836	10904	11740	13662	24855	38517
2007-08	15103	14793	29896	1751	10790	12541	16854	25583	42437
2008-09	18482	15181	33663	1409	11340	12749	19891	26521	46412
2009-10	27509	17206	44715	1666	10630	12296	29175	27836	57011
2010-11	29658	14995	44653	1564	9821	11385	31222	24816	56038
2011-12	33790	7507	41297	2203	10754	12957	35993	18261	54254
KOLKATA/HALDIA									
1995-96	12283	1822	14105	2832	4578	7410	15115	6400	21515
1996-97	13505	1906	15411	2723	4990	7713	16228	6896	23124
1997-98	16757	2247	19004	2902	6251	9153	19659	8498	28157
1998-99	18987	1707	20694	2576	6117	8693	21563	7824	29387
1999-00	22350	1803	24153	2586	4287	6873	24936	6090	31026
2000-01	20254	2405	22659	2925	4416	7341	23179	6821	30000
2001-02	20697	3740	24437	2275	3691	5966	22972	7431	30403
2002-03	22089	5252	27341	4371	4092	8463	26460	9344	35804
2003-04	25580	7134	32714	4656	3890	8546	30236	11024	41260
2004-05	29298	8788	38086	3908	4213	8121	33206	13001	46207
2005-06	32346	11679	44025	4392	4726	9118	36738	16405	53143
2006-07	34594	12853	47447	3721	3882	7603	38315	16735	55050
2007-08	35761	15151	50912	3280	3137	6417	39041	18288	57329
2008-09	32920	14267	47187	3753	3280	7033	36673	17547	54220
2009-10	25577	13757	39334	4274	2815	7089	29851	16572	46423
2010-11	25734	13654	39388	4781	3376	8157	30515	17030	47545
2011-12	24409	11428	35837	3559	3852	7411	27968	15280	43248

Table 3.2.4 (Contd...)

Trend in Type-wise Cargo Traffic Handled at Major Ports

('000 tonnes)

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

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	2011-12
1	2	3	4	5	6	7	8	9	10	11	12	13	14
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	3.33
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	56.69
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	60.02
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	3.11
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	57.14
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	60.25
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	6.44
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	113.84
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	120.28
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	156.14
% 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	77.03

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

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
2011-12	2.9	1.8	4.7	0.0	0.0	0.0	2.9	1.8	4.7
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
2011-12	25.5	25.5	51.0	120.4	92.2	212.6	145.9	117.7	263.6
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
2011-12	0.2	0.2	0.4	42.2	36.1	78.3	42.3	36.4	78.7
PARADIP									
2008-09	0.1	0.1	0.2	-	-	-	0.1	0.1	0.2
2009-10	-	-	-	-	-	-	-	-	-
2010-11	-	-	-	-	-	-	-	-	-
2011-12	-	-	-	-	-	-	-	-	-
TUTICORIN									
2009-10	-	-	-	-	-	-	-	-	-
2010-11	-	-	-	-	-	-	-	-	-
2011-12	7.6	4.6	12.2	-	-	-	7.6	4.6	12.2
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
2011-12	-	-	-	13.2	13.3	26.5	13.2	13.3	26.5
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
2011-12	-	-	-	27.0	25.3	52.2	27.0	25.3	52.2

Table

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
2011-12	...	...	19.7	...	...	...	0.2	0.2	19.7
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
2011-12	-	7.8*	7.8	-	-	-	-	7.8	7.8
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
2011-12	36.2	32.1	95.8	202.6	167.0	369.6	239.1	207.0	465.4

(a) : Included in coastal.

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

*At New Mangalor Port, no passenger traffic handled. However 7812 tourists of 17 cruise vessels were visited the port and opeted for ground tour and visited tourist destination of Karnatka during the year 2011-12

Table 3.2.6

Number, Type And Size Of Ships Handled at Major Ports

(GRT in '000)

Port	Year	Container		Break Bulk		Dry Bulk		Liquid Bulk		Lash		Ro-Ro		Total	
		No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Kandla	2000-01	194	1365	269	2935	253	3473	736	18963	-	-	-	-	1452	26736
	2001-02	263	1918	370	4075	311	4591	728	18249	-	-	-	-	1672	28833
	2002-03	289	2751	460	5570	288	4512	776	19479	-	-	-	-	1813	32312
	2003-04	295	2872	364	4212	375	5454	789	20495	-	-	-	-	1823	33033
	2004-05	276	2813	439	4541	403	5772	822	20767	-	-	-	-	1940	33893
	2005-06	252	2578	505	5568	461	7292	906	22884	-	-	-	-	2124	38322
	2006-07	264	2565	595	6181	449	7316	1010	27845	-	-	-	-	2318	43907
	2007-08	235	2747	557	5843	598	9373	1208	34386	-	-	-	-	2598	52349
	2008-09	221	2625	448	5319	636	10683	1212	37981	-	-	-	-	2517	56608
	2009-10	255	3095	437	5872	663	11910	1421	42561	-	-	-	-	2776	63438
	2010-11	226	2699	431	6017	684	13082	1351	43127	-	-	-	-	2692	64925
	2011-12	225	2798	456	6407	715	14600	1318	42101	-	-	-	-	2714	65906
Mumbai	2000-01	472	5950	457	5030	134	1910	847	15730	11	310	(c)	(c)	1921	28930
	2001-02	388	4190	466	5200	143	2260	790	16070	9	260	(c)	(c)	1796	27980
	2002-03	316	4310	459	5350	131	2440	721	16080	2	70	(c)	(c)	1629	28250
	2003-04	298	4270	532	5540	128	2650	840	18080	2	80	(c)	(c)	1800	30620
	2004-05	249	3650	581	8300	216	4670	834	19910	3	110	(c)	(c)	1883	36640
	2005-06	220	2960	665	10790	235	4940	933	22300	-	-	(c)	(c)	2053	40990
	2006-07	133	2120	749	11920	234	5640	970	24070	1	40	-	-	2087	43790
	2007-08	12	190	765	12250	234	6050	1055	25050	-	-	-	-	2066	43540
	2008-09	12	320	672	11380	233	6030	1014	23000	-	-	-	-	1931	40730
	2009-10	10	300	732	14600	283	7400	1021	24930	-	-	-	-	2046	47230
	2010-11	14	330	715	15400	336	9090	1027	26250	-	-	-	-	2092	51070
	2011-12	14	460	568	13900	333	9190	1102	27810	-	-	-	-	2017	51360
J.L. Nehru	2000-01	1247	21461	-	-	88	1071	269	3484	-	-	102(d)	2489	1706	28505
	2001-02	1498	30347	-	-	68	879	260	3533	-	-	243(d)	2506	2069	37265
	2002-03	1544	35654	-	-	55	698	284	3471	-	-	299(d)	2780	2182	42603
	2003-04	1678	41780	57	118	36	419	298	4064	-	-	1848(d)	5365	3917	51746
	2004-05	1600	39120	28	108	32	344	356	4988	-	-	308(d)	2325	2324	46885
	2005-06	1754	40657	64	1015	-	-	305	4920	-	-	1932(d)	2699	4055	49291
	2006-07	2070	55113	13	106	46	513	321	5305	-	-	324(d)	662	2775	61699
	2007-08	2339	65258	9	89	48	542	333	5516	-	-	390(d)	875	5140	72280
	2008-09	2221	68407	7	78	57	647	428	7266	-	-	11	440	2724	76838
	2009-10	2470	76079	10	113	66	724	524	9002	-	-	2	80	3072	85998
	2010-11	2490	79106	60	528	71	791	507	3939	-	-	2644	4455	5772	88819
	2011-12	2233	77374	67	669	168	554	461	8859	-	-	2646	4593	5575	92049
Mormugao	2000-01	50	824	14	212	350	11279	174	2491	-	-	-	-	588	14806
	2001-02	54	773	11	124	349	13157	183	2682	-	-	-	-	597	16736
	2002-03	80	427	23	371	365	12940	158	2643	-	-	-	-	626	16381
	2003-04	62	388	15	165	416	15983	184	3110	-	-	-	-	677	19646
	2004-05	37	196	7	110	290	9591	172	2926	-	-	-	-	506	12823
	2005-06	38	227	7	72	443	16398	162	3053	-	-	-	-	650	19750
	2006-07	39	274	21	366	482	17020	161	3111	-	-	-	-	699	20771
	2007-08	37	302	15	219	525	17525	175	3507	-	-	-	-	748	21553
	2008-09	36	301	8	81	600	21616	170	3323	-	-	-	-	805*	24733
	2009-10	38	387	8	114	675	25378	184	3679	-	-	-	-	905	29558
	2010-11	27	298	7	107	669	20740	160	3238	-	-	-	-	863	24383
	2011-12	48	624	37	698	558	22735	153	3224	-	-	-	-	796	27281
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	18319	-	-	-	-	1015	25932
	2007-08	64	512	38	433	403	8962	639	18691	-	-	-	-	1144	28598
	2008-09	69	663	72	792	404	9526	639	17853	-	-	-	-	1184	28834
	2009-10	77	853	74	773	353	8524	682	18004	-	-	-	-	1186	28154
	2010-11	80	983	89	817	228	6011	700	19265	-	-	-	-	1097	27076
	2011-12	80	1068	157	1207	206	6068	693	20627	-	-	-	-	1136	28970

Mormugao-11 vessels double counted for dry bulk mech.iron ore/conv. Other are counted only once in the Total A

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	5010	5010	39	309	47	803	373	12629	-	-	-	-	819	18751	
	2011-12	389	5975	37	326	50	882	359	13401	-	-	-	-	835	20584	
Tuticorin	2000-01	442	3957	353	1579	262	5749	148	1652	-	-	-	-	1205	12937	
	2001-02	488	4368	494	2210	277	5822	141	1708	-	-	-	-	1400	13770	
	2002-03	474	4382	519	2106	300	6142	133	1283	-	-	-	-	1426	13913	
	2003-04	516	5789	502	1878	288	6112	173	1567	-	-	-	-	1479	15346	
	2004-05	463	5973	486	1949	303	6982	183	1891	-	-	-	-	1435	16795	
	2005-06	518	6216	540	2374	330	7997	160	2075	-	-	-	-	1548	18662	
	2006-07	534	7628	496	2245	325	7935	154	2004	-	-	-	-	1509	19812	
	2007-08	440	6487	563	2095	407	8903	166	1849	-	-	-	-	1576	19334	
	2008-09	451	5801	432	1646	441	8987	172	2011	-	-	-	-	1496	18445	
	2009-10	455	5832	299	1714	451	9955	175	1981	-	-	-	-	1380	19482	
	2010-11	378	5404	361	2208	396	9276	214	3274	-	-	-	-	1349	20162	
	2011-12	365	5692	360	2418	425	10249	226	3437	-	-	-	-	1376	21796	
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	6898	463	13065	422	10668	-	-	-	-	2059	39873	
	2007-08	713	12933	346	3402	455	12713	423	11232	-	-	-	48	2049	1985	42329
	2009-10	703	14901	345	3837	446	12658	494	12000	-	-	85	4411	2073	47807	
	2010-11	812	16387	399	4574	309	8670	502	12813	-	-	101	4963	2123	47407	
	2011-12	789	18819	334	4143	223	5715	507	13094	-	-	103	5432	1956	47203	
	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	
2011-12		0	0	0	0	241	8116	144	3876	0	0	0	0	385	11992	
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	
	2011-12	351	7644	219	1980	1185	34947	715	21812	-	-	-	-	2470	66383	

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

(GRT in '000)

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

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

**Table
3.2.9**

Distribution of Revenue And Expenditure at Major Ports

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expenditure	Port and Dock Charges including Pilotage		Cargo handling and warehousing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Exp.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
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
2011-12	82238	59486	29075	25583	29332	16303	110	55	3854	2888	19867	8889	8468
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
2011-12	158156	168092	37778	17884	58417	48392	1468	3024	11965	6686	48528	68624	23482

Table 3.2.9

Distribution of Revenue And Expenditure at Major Ports

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expenditure	Port and Dock Charges including Pilotage		Cargo handling and warehousing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Exp.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
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
2011-12	147169	85466	16673	8284	28648	18557	-	121	7725	4195	30454	7911	12531
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
2011-12	37773	35337	10311	6823	20569	11330	3882	784	1159	798	1852	9447	6155

(a): Includes BOT contracts

Distribution of Revenue And Expenditure at Major Ports

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expenditure	Port and Dock Charges including Pilotage		Cargo handling and warehousing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Exp.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
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
2011-12	43242	26586	7192	7864	24657	5522	303	116	5073	681	6017	6928	5475
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
2011-12	34220	42612	12786	11990	11544	4987	-	-	6380	1245	3510	14398	9992

Table 3.2.9

Distribution of Revenue And Expenditure at Major Ports

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expenditure	Port and Dock Charges including Pilotage		Cargo handling and warehousing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Exp.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
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
2011-12	33561	18859	9818	5323	19916	2429	197	394	1136	636	2794	4565	5212
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
2011-12	84036	81823	17519	9735	41260	17527	2220	3969	1712	786	21325	25343	24463
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	...	...
2011-12	25025	15353	-	-	24864	15353	-	-	-	-	161	...	...

Distribution of Revenue And Expenditure at Major Ports

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expenditure	Port and Dock Charges including Pilotage		Cargo handling and warehousing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Exp.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
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
2011-12	117733	127672	22956	9379	33997	13228	10431	6589	5658	2897	45091	84036	11543
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
2011-12	80984	47679	17731	8997	35100	15057	8715	3276	2392	4963	17046	5913	9473

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

Distribution of Revenue And Expenditure at Major Ports

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expenditure	Port and Dock Charges including Pilotage		Cargo handling and warehousing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Exp.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
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
2011-12	83596	95623	23606	39842	34099	12121	9396	4081	10187	2353	6308	26785	10441
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
2011-12	61955	59872	6783	12263	19878	12268	2012	1778	25136	1797	8146	17758	14008

Distribution of Revenue And Expenditure at Major Ports

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expenditure	Port and Dock Charges including Pilotage		Cargo handling and warehousing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Exp.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
ALL PORTS													
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
2011-12	926719	832993	212228	163967	382281	193074	38734	24187	82377	29925	211099	280597	141243

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.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
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	16731	73864	70538	103530	45985	757684
2011-12	62371	102305	116715	35920	37226	30710	30767	62711	25026	72642	63939	98259	56606	795197
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	10100	42096	22185	13273	10801	15573	5809	28091	1731	22364	20091	47434	22272	262213
2002-03	10100	43099	21231	12832	9603	14721	6099	27025	2260	21768	21179	45352	21113	260253
2003-04	16558	42258	23406	13473	10811	14188	6478	26139	3776	22126	21295	47654	19755	267917
2004-05	17278	45920	27181	13938	10814	14625	6437	28647	4173	22353	23941	46493	19330	281130
2005-06	17288	46041	27033	14230	12011	13504	6157	31295	3951	24310	26197	56879	21358	300254
2006-07	21186	50263	28795	16022	12936	14757	6897	34808	4107	24379	28260	54022	23161	319593
2007-08	24797	56725	31379	18463	13987	18120	7476	40085	3788	27933	25078	50929	24392	343152
2008-09	32646	62989	37537	21978	15194	19546	9847	45551	3533	34987	35817	56448	29966	406039
2009-10	36048	72022	39370	23525	18326	23295	11861	53284	3084	46471	39060	67437	38360	472143
2010-11	38216	77500	44445	24172	18759	27449	11969	57973	3263	40771	39115	66523	40248	490403
2011-12	50598	82147	49963	25889	19658	28214	14302	56480	4423	43636	41766	68828	42125	528029

Table 3.2.10 (Contd...)

Operating Financial Parameters for Major Ports

(Rs. In Lakh)

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
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	13468	33093	31423	37007	5737	267281
2011-12	11773	20158	66752	10031	17568	(-)88	16465	6231	20603	29006	22173	29431	14481	267168
Net Surplus (before tax)														
1995-96	12608	25434	12542	1936	2057	(-)565	2345	13514	-	5855	3954	8240	225	88145
1996-97	16279	19192	14252	2143	4147	2265	2646	17445	-	7398	4680	12907	1419	104773
1997-98	19020	17360	20475	3020	6914	4507	3624	16816	-	7505	5071	17050	297	121659
1998-99	21110	10764	23545	2274	3915	3125	3637	17094	-	6883	4801	11282	(-)1680	106750
1999-00	21492	8341	13305	2344	5572	271	3689	14526	-	2900	4670	8194	(-)3830	81474
2000-01	17065	(-)36735	10121	2220	4289	(-)3375	3738	3760	-	1946	7288	9657	(-)10411	9563
2001-02	19240	(-)15950	11297	773	4969	(-)3502	4049	21354	(-)3596	4283	3285	16848	(-)4810	58240
2002-03	17207	31386	17935	2336	5524	1940	5056	12668	656	5757	7889	12675	(-)5550	115478
2003-04	9062	(-)16254	26206	2737	5940	2134	5566	7419	(-)579	7781	12770	18865	(-)9320	66459
2004-05	19343	4676	33613	2265	7798	364	6919	11595	1001	1048	14117	23229	(-)7192	109747
2005-06	20001	28320	43716	4735	14368	2960	9039	15836	932	20564	19132	25049	2016	204439
2006-07	21624	18698	56915	4047	10916	2666	11345	26279	3462	18782	29292	43535	2976	250537
2007-08	24709	26796	67759	3985	12696	449	11560	43126	3943	11144	33090	43250	9737	292244
2008-09	22349	10749	71230	1133	14801	(-)1475	12346	26666	5224	16499	34654	19411	(-)13761	235062
2009-10	20168	2999	78337	2306	12866	(-)8926	13187	21115	5893	4375	43922	19158	(-)7030	224326
2010-11	16148	13995	78667	5499	10826	(-)8608	14897	6806	6986	17408	41595	18740	(-)4335	231567
2011-12	22751	7666	89295	2436	16657	(-)8392	14703	2213	12078	9939	33306	8944	4880	224867.56

Table 3.2.11**Operating Ratio for Major Ports**

(In Percentage)

Item/Year	Kandla	Mumbai	J.L. Nehru	Mormugao	N.Mangalore	Cochin	Tuticorin	Chennai	Ennore	Visakhapatnam	Paradip	Haldia Dock Comple	Kolkata Dock System	All Ports
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1994-95	46.32	63.27	56.88	71.34	63.17	75.87	72.07	57.31	-	62.35	56.20	56.12	74.98	61.79
1995-96	48.05	53.89	49.49	79.58	73.67	76.23	52.14	59.54	-	60.16	56.88	47.96	71.65	57.81
1996-97	49.57	63.19	56.82	75.84	49.00	68.65	53.09	60.16	-	61.46	60.91	52.04	72.70	60.46
1997-98	47.05	65.18	53.03	75.44	46.42	71.57	49.35	66.20	-	64.84	58.46	53.80	70.92	60.62
1998-99	37.13	71.53	48.78	83.08	53.26	79.49	52.25	69.83	-	66.21	65.63	71.95	76.23	65.67
1999-00	56.14	79.37	61.86	77.45	55.29	81.63	57.97	78.83	-	65.63	66.88	72.00	81.61	71.07
2000-01	63.76	107.89	64.72	87.46	62.62	83.58	52.47	87.68	-	68.12	57.58	62.26	100.22	76.02
2001-02	58.41	96.08	57.37	70.76	55.58	83.25	49.63	82.67	56.26	56.62	67.60	51.83	96.11	67.23
2002-03	65.91	93.91	48.12	68.40	47.44	73.35	48.95	80.56	29.40	50.91	55.56	69.72	96.93	66.45
2003-04	78.50	91.79	43.38	64.87	48.23	70.42	51.98	70.92	44.09	48.70	51.60	63.75	102.81	63.35
2004-05	73.13	80.43	43.14	64.63	40.39	70.49	46.72	70.97	45.36	44.54	50.79	59.96	93.23	59.59
2005-06	68.01	69.73	40.33	64.37	47.15	67.88	38.71	72.49	42.80	46.00	51.02	68.36	74.63	58.84
2006-07	63.95	66.33	35.87	62.11	50.53	69.59	37.68	65.07	29.71	45.67	47.36	56.38	73.79	54.38
2007-08	72.60	56.27	35.22	57.49	51.60	61.36	31.52	63.82	30.86	49.40	49.34	56.65	58.98	47.57
2008-09	79.87	77.88	38.90	79.77	50.48	93.79	44.81	67.84	25.65	58.34	51.41	55.48	82.15	60.83
2009-10	80.25	80.46	37.78	71.98	57.55	100.37	49.34	74.18	21.62	70.33	52.16	69.28	85.10	65.58
2010-11	77.69	81.21	39.59	65.00	60.92	99.42	45.85	84.77	19.50	55.20	55.45	59.93	87.52	65.75
2011-12	81.12	80.30	42.81	72.07	52.81	91.87	46.48	90.06	17.67	60.07	65.32	70.06	74.4	66.40

**Table
3.2.12**

Employment of Manpower at Major Ports as on 31st March (2002-2012)

(In Numbers)

PORT	Year										
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
1	2	3	4	5	6	7	8	9	10	11	12
KPT	4172	3929	3788	3574	3506	3414	4237	4149	4008	3774	4500
MbPT(a)	22699	22217	21480	19388	19682	14935	14481	14296	14059	13391	16379
JNPT	1836	1820	1810	1791	1778	1766	1763	1746	1739	1730	1718
MoPT	3749(a)	3556(a)	3385(a)	3243(a)	3135(a)	3082	3018	2967	2891	2817	2665
NMPT(c)	2274	2220	2124	1985	1908	1832	1770	1819	1719	1636	1544
CoPT(a)	4449	4414	4353	3959	3849	4823	4306	4103	3948	3749	3005
TPT(b)	3087	2963	2788	2589	2574	2407	2259	2224	2191	2079	1954
ChPT	10886(a)	11172(a)	10329(a)	8842(a)	8582(a)	9755	9065	8117	8020	7774	7511
EPL	16	17	17	21	20	45	59	65	86	88	94
VPT	6345	6227	5889	5550	5216	5208	5069	5052	4877	4584	4189
PPT	3618	3513	3407	3306	3158	3013	2910	2851	2761	2634	2437
KDS	9084	8148	7551	6995	6530	6138	5925	5869	5675	5374	5283
HDC	4664	4473	4285	4104	3964	3793	3694	3620	3498	3304	3111
ALL MAJOR PORTS	76879	74669	71206	65347	63903	60211	58556	56878	55472	52934	54390

(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, 2003-2012)****(In Numbers)**

PORT										
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
1	2	3	4	5	6	7	8	9	10	11
KPT	799	770	746	708	646	(a)	(a)	(a)	789	(a)
MbPT	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2586	(a)
MoPT	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
CoPT	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
ChPT	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
VPT	1166	1113	1082	996	966	925	-	978	859	874
KDS	1222	967	692	431	290	195	177	140	100	215
TOTAL	3187	2850	2520	2135	1902	1120	177	1118	4334	1089

(a) Dock Labour Board merged with Port Trust.

**Table
3.2.14****Number of Dock Workers Listed with
Major Ports (As On 31st March, 2003-2012)****(In Numbers)**

PORT										
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
1	2	3	4	5	6	7	8	9	10	11
ChPT	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
VPT	74	115	102	152	159	139	-	-	-	-
TOTAL	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									
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
2011-12&	157742	63572	221314	17749	19987	37736	175491	83559	259050
MAHARASHTRA									
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
2011-12	9196	3421	12617	7102	228	7330	16298	3649	19947
GOA									
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
2011-12	165	14305	14470	-	-	-	165	14305	14470
ANDHRA PRADESH									
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
2011-12	31364	8558	39922	2208	3503	5711	33572	12061	45633

\$: 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)

& : Container cargo is included in Overseas (Unloaded 120.90 Lakh tonnes & Loaded 129.79 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									
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
2011-12	82	353	435	85	72	157	167	425	592
KERALA									
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
2011-12	-	6	6	17	81	98	17	87	104
TAMIL NADU									
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
2011-12	307	1	308	544	358	902	851	359	1210
PUDUCHERRY									
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
2011-12	6240	168	6408	-	13	13	6240	181	6421

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
ORISSA									
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
2011-12	5064	-	5064	-	20	20	5064	20	5084
ANDAMAN NICOBAR ISLANDS									
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
2011-12#	10	-	10	950	248	1198	960	248	1208
LAKSHADWEEP									
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
2011-12	-	-	-	26	-	26	26	-	26
TOTAL									
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
2011-12	210170	90384	300554	28681	24510	53191	238851	114894	353745

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

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

Table 3.3.2

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

(In'000 Tonnes)

States	POL & Products	Iron ore	Building Material	Coal	Fertiliser & FRM	Others	Total
1	2	3	4	5	6	7	8
GUJARAT							
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
2011-12 b	151487	6919	9022	38372	7185	46065	259050
MAHARASHTRA							
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
1997-98	16	2488	796	851	-	534	4685
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
2011-12	-	6362	2490	7589	230	3276	19947
GOA							
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
2011-12	-	14305	-	165	-	-	14470

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

Table 3.3.2(Contd...)

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

(In'000 Tonnes)

States	POL & Products	Iron ore	Building Material	Coal	Fertiliser & FRM	Others	Total
1	2	3	4	5	6	7	8
ANDHRA PRADESH							
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
2011-12	3508	2974	859	23512	7035	7745	45633
KARNATAKA							
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
2011-12	-	-	19	-	29	544	592
KERALA							
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
2011-12	4	-	87	-	-	13	104

Table 3.3.2(Contd...)

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

(In'000 Tonnes)

States	POL & Products	Iron ore	Building Material	Coal	Fertiliser & FRM	Others	Total
1	2	3	4	5	6	7	8
TAMIL NADU							
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
2011-12	1114	-	7	-	46	43	1210
PUDUCHERRY							
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
2011-12	45	-	52	4839	1213	272	6421
ORISSA							
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
2011-12	-	56	-	4563	-	465	5084

Data related to last year

Table 3.3.2(Contd...)

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

(In'000 Tonnes)

States	POL & Products	Iron ore	Building Material	Coal	Fertiliser & FRM	Others	Total
1	2	3	4	5	6	7	8
ANDAMAN NICOBAR ISLANDS							
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
2011-12	164	-	330	-	4	710	1208
LAKSHADWEEP							
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
2011-12	-	-	-	-	-	26	26
TOTAL							
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
2011-12	156322	30616	12866	79040	15742	59159	353745

Table 3.3.3

Transshipment Traffic at Non-Major Ports

(In '000 Tonnes)

State/Port	Commodity	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
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		5935	6437	5840	4850	6531	6531*	N.A
ANDHRA PRADESH								
Kakinada		-	-	-	-	-	-	-
Deep water	Crude oil	-	5	-	6724	1509	901	108
TAMIL NADU								
Cuddalore		-	-	-	-	-	-	-
Kerala								
Kozhikode/Beyepore		-	-	-	36	37	-	-
Total Transshipment		5935	6442	5840	11610	8093	7432	108

* 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
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
2011-12	32	32	110696	98984	110728	99016

Table 3.3.5

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

(In '00 Nos.)

State/UT/Port	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
1	2	3	4	5	6	7	8	9	10	11
GUJARAT										
Embarked	-	-	-	-	-	-	-	1	-	-
Disembarked	-	-	-	-	-	-	-	1	-	-
MAHARASHTRA	119038	109713	130577	181380	130880	133172	142114	105648	105648	179264
Embarked	60914	63174	67057	121638	68492	69607	76718	58598	58598	95486
Disembarked	58124	46539	63520	59742	62388	63565	65396	47050	47050	83778
GOA	-	-	-	-	-	-	-	-	-	-
Embarked	-	-	-	-	-	-	-	-	-	-
Disembarked	-	-	-	-	-	-	-	-	-	-
KERALA	73	87	76	76	115	123	153	151	211	11
Embarked	37	52	39	39	56	63	73	72	101	5
Disembarked	36	35	37	37	59	60	80	79	110	6
TAMILNADU	13906	15356	11458	10317	14920	16752	18580	19330	19250	20380
Embarked	6953	7678	5729	5158	7460	8376	9290	9665	9625	10190
Disembarked	6953	7678	5729	5159	7460	8376	9290	9665	9625	10190
KARNATAKA	23	19	11	23	19	7	30	12	46	2
Embarked	10	8	6	11	11	4	15	8	23	1
Disembarked	13	11	5	12	8	3	15	4	23	1
ANDAMAN GROUP	1720	4689	5255	10880	9089	11022	12061	10087	10198	10087
Embarked	782	2300	2673	5353	4634	5547	5835	4985	5068	5046
Disembarked	938	2389	2582	5527	4455	5475	6226	5102	5130	5041
ALL MINOR/ INTERMEDIATE PORTS	134760	129864	147377	202676	155023	161076	172938	135230	135353	209744
Embarked	68696	73212	75504	132199	80653	83597	91931	73329	73415	110728
Disembarked	66064	56652	71873	70477	74370	77479	81007	61901	61938	99016

Table 3.3.6

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

(In Number)

Type of vessels/year	Gujarat	Maharashtra	Goa	Karnataka	Kerala	Tamil Nadu	Puducherry	Andhra Pradesh (a)	Orissa	Sea Island #
1	2	3	4	5	6	7	8	9	10	11
STEAMERS										
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
2011-12	9125	401	-	137	151	126	206	719	-	6236
SAILING VESSELS										
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
2011-12	417	2429	172	677	467	234	-	1392	83	2438
TOTAL										
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
2011-12	9542	2830	172	814	618	360	206	2111	83	8674

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

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

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

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	6	7	8	9	10	11	12
1	Shanghai	China, PR of	CY	MT	443.2	470.4	492.3	511.4	505.7	-1.2	3.4
2	Singapore	Singapore	CY	FT	423.2	448.5	483.6	515.5	472.3	-8.9	2.8
3	Rotterdam	Netherlands	CY	MT	370.2	378.2	406.8	421.1	387.0	-8.4	1.1
4	Ningbo	China, PR of	CY	MT	272.4	309.7	345.2	363.6	371.5	2.3	8.1
5	Guangzhou	China, PR of	CY	MT	241.7	302.8	343.3	347.0	364.0	5.0	10.8
6	Tianjin	China, PR of	CY	MT	245.1	257.6	309.5	365.2	381.1	5.1	11.7
7	Qingdao	China, PR of	CY	MT	184.3	224.2	265.0	278.3	274.3	-1.5	10.5
8	Qinhuangdao	China, PR of	CY	MT	167.5	204.9	248.9	274.8	243.9	-12.4	9.8
9	Hong Kong	China, PR of	CY	MT	230.1	238.2	245.4	259.4	243.0	-6.7	1.4
10	Busan	Korea, Rep. Of	CY	RT	217.2	217.9	243.6	241.7	226.2	-6.4	1.0
11	Port of South Louisiana	US	CY	MT	220.4	238.4	234.1	233.7	226.7	-3.0	0.7
12	Dalian	China, PR of	CY	MT	176.8	200.5	222.9	263.2	204.0	-26.6	3.6
13	Nagoya	Japan	FY	FT	187.1	208.0	215.6	218.1	165.1	-24.6	-3.1
14	Houston	US	CY	MT	191.7	201.5	202.9	204.6	220.0	7.6	3.5
15	Shenzhen	China, PR of	CY	MT	153.9	176.0	199.0	204.0	219.7	7.9	9.3
16	Kwangyang	Korea, Rep. Of	CY	RT	177.5	195.1	198.2	211.3	176.5	-17.6	-0.1
17	Los Angeles	US	CY	MT	169.0	181.6	189.2	170.0	170.3	0.2	0.2
18	Antwerp	Belgium	CY	MT	160.1	167.4	182.9	189.4	157.8	-17.3	-0.4
19	Long Beach	US	CY	RT	159.2	169.8	174.0	156.6	132.2	-14.0	-4.5
20	Chiba	Japan	CY	FT	165.7	167.0	169.2	165.1	144.9	-11.9	-3.3
21	Ulsan	Korea, Rep. Of	CY	RT	162.4	165.7	168.7	170.3	170.3	0.0	1.2
22	Kaohsiung	Taiwan	CY	MT	137.9	135.1	149.2	146.7	133.6	-8.8	-0.8
23	Yokohama	Japan	CY	FT	133.3	138.2	141.8	141.8	122.1	-13.9	-2.2
24	Hamburg	Germany	CY	MT	125.9	135.3	140.9	140.4	110.4	-21.3	-3.2
25	Inchon	Korea, Rep. Of	CY	RT	123.5	129.6	138.1	141.8	122.1	-14.3	-0.3
26	Port Kelang	Malaysia	CY	FT	109.7	122.0	135.5	152.3	137.6	-10.8	5.8
27	Dampier	Australia	FY	MT	110.1	126.1	133.9	140.8		-105.2	-100.0
28	Dubai Ports	UAE	CY	MT	92.5	110.0	130.9	143.5		-109.6	-100.0
29	Port Hedland	Australia	FY	MT	110.6	111.8	130.7	159.4	178.6	14.7	12.7
30	Kitakyushu	Japan	CY	FT	101.7	109.7	114.3	109.4	84.9	-21.4	-4.4
31	Tubarao	Brazil	CY	MT	98.7	103.6	109.8	99.9	102.0	1.9	0.8
32	Yantian	China, PR of	CY	MT	45.1	60.8	101.3	108.8	107.6	-1.2	24.3
33	Itaqui	Brazil	CY	MT	85.9	93.8	98.8	105.2	105.0	-0.2	5.1
34	Osaka	Japan	CY	FT	93.1	95.5	96.7	93.0	80.9	-12.5	-3.5
35	Marseilles	France	CY	MT	96.6	100.1	96.3	96.0	83.2	-13.3	-3.7
36	Kobe	Japan	CY	FT	91.2	95.5	96.2	95.2	77.0	-18.9	-4.1
37	Newcastle	Australia	FY	MT	85.6	85.6	93.3	95.8	103.0	7.7	4.7
38	Amsterdam Ports	Netherlands	FY	MT	74.9	84.3	87.8	94.8	86.7	-9.2	3.7
39	Sepetiba	Brazil	CY	MT	67.1	75.4	87.7	84.9	86.4	1.7	6.5
40	Tokyo	Japan	CY	FT	92.0	90.8	87.6	81.3	72.3	-10.3	-5.8
41	New York/ New Jersey	US	CY	MT	84.8	86.2	87.2	88.9	77.9	-12.6	-2.1
42	Richards Bay	South Africa	FY	MT	86.2	86.3	84.5	84.5	77.6	-8.2	-2.6
43	Tanjung Plepas	Malaysia	CY	MT	59.5	68.8	84.2	87.9	90.4	3.0	11.0
44	Vancouver	Canada	CY	MT	76.5	79.6	82.7	114.6	101.9	-15.4	7.4
45	Xiamen	China, PR of	FY	MT	60.2	72.8	81.2	97.0	111.0	17.2	16.5
46	Corpus Christi	US	CY	MT	78.7	79.8	81.0	79.1	76.8	-2.8	-0.6
47	Santos	Brazil	CY	MT	71.9	76.3	80.8	81.1	83.2	2.6	3.7
48	Hay Point	Australia	FY	MT	81.6	86.2	80.5	82.5	99.5	21.1	5.1
49	Novorossisk	Russia	CY	MT	70.8	80.9	79.3	81.6	86.5	6.2	5.1
50	Le Havre	France	CY	MT	75.0	73.9	78.9	79.8	73.8	-7.6	-0.4

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

Note: Data presented in Tables concerning the ranking of ports, in terms of tons handled, need a careful interpretation as FT, RT and MT are not directly comparable figures.

Period: CY = Calendar Year, FY: Fiscal Year

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

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

Table 4.3

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

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

Table 4.3 (Contd...)

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

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

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

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

SECTION – II

5. GENERAL STATISTICS

Table 5.1

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

(Rs. in Crore)

Industry	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
1	2	3	4	5	6	7	8	9
1. Agriculture, forestry & fishing	565426	594487	619190	655080	655689	660987	713477	739495
1.1 Agriculture	476643	502996	523745	556956	555442	557715	606848	630540
1.2 Forestry & Logging	61640	62742	64795	65697	66932	68877	70366	72049
1.3 Fishing	27152	28749	30650	32427	33315	34395	36263	36906
2. Mining & quarrying	85028	86141	92578	95997	98055	103830	108938	108249
3. Manufacturing	453225	499020	570458	629073	656302	730435	801476	823023
3.1 Registered	292344	327739	379374	417528	442055	504601	559407	573761
3.2 Unregistered	160881	171281	191084	211545	214247	225834	242069	249262
4. Elect.gas & water supply	62675	67123	73362	79430	83050	88218	92773	98814
5. Construction	228855	258129	284806	315495	332329	354436	390692	414412
6. Trade, hotels & restaurant	477303	535397	594918	655013	692224	747019	832583	884389
6.1 Trade	433967	484521	536693	589242	628627	682207	760801	810585
6.2 Hotel&Restaurants	43336	50876	58225	65771	63597	64812	71782	73804
7. Transport, storage & communication	250417	280010	315166	354507	392901	450872	513077	555923
7.1.Railway	29162	31339	34832	38235	41161	44763	47404	50945
7.2.Transports by other means	169995	185741	202367	219969	231564	248380	268633	291627
7.3 Storage	1980	2073	2298	2375	2711	3233	3303	3612
7.4.Communication	49280	60857	75669	93928	117465	154496	193737	209739
8. Financing, insurance, real estate & business services	437174	492340	561063	628124	703629	771905	849632	948808
8.1. Banking & Insurance	171098	198158	238899	278776	317826	353983	406609	460122
8.2.Real Estate,Ownership of dwelling&Business Service	266076	294182	322164	349348	385803	417922	443023	488686
9. Community, social & personal services	411361	440426	452823	483917	544497	608369	634358	672469
9.1.Public Administration & Defence	174638	182212	185639	199773	239349	281365	281322	296505
9.2. Other Service	236723	258214	267184	284144	305148	327004	353036	375964
10. GDP at factor cost (Total)	2971464	3253073	3564364	3896636	4158676	4516071	4937006	5243582
		(9.5)	(9.6)	(9.3)	(6.7)	(8.6)	(9.3)	(6.2)

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	28192.00	150559.00	178751.00	87136.00	201237.00	288373.00	-58944.00	-50678.00	-109622.00
2010-11	41480.00	209656.00	251136.00	105964.00	263805.00	369769.00	-64484.00	-54149.00	-118633.00
2011-12	55604.00	249020.00	304624.00	154906.00	334511.00	489417.00	-99302.00	-85491.00	-184793.00
(Rupees Crore)									
1990-91	937.80	31619.83	32557.63	10816.11	32376.75	43192.86	-9878.31	-756.92	-10635.23
1991-92	1022.27	43019.54	44041.81	13126.72	34724.12	47850.84	-12104.45	8295.42	-3809.03
1992-93	1379.25	52309.00	53688.25	17141.70	46232.62	63374.32	-15762.45	6076.38	-9686.07
1993-94	1247.79	68503.60	69751.39	18046.19	55054.82	73101.01	-16798.40	13448.78	-3349.62
1994-95	1308.98	81365.13	82674.11	18612.55	71358.11	89970.66	-17303.57	10007.02	-7296.55
1995-96	1517.75	104835.59	106353.34	25173.60	97504.54	122678.14	-23655.85	7331.05	-16324.80
1996-97	1710.35	117106.73	118817.08	35628.52	103291.16	138919.68	-33918.17	13815.57	-20102.60
1997-98	1310.99	128789.65	130100.64	30341.19	123835.11	154176.30	-29030.20	4954.54	-24075.66
1998-99	376.22	139376.92	139753.14	26919.28	151412.57	178331.85	-26543.06	-12035.65	-38578.71
1999-00	168.45	159392.94	159561.39	54648.60	160587.87	215236.47	-54480.15	-1194.93	-55675.08
2000-01	8541.67	195029.34	203571.01	71496.52	159376.24	230872.76	-62954.85	35653.10	-27301.75
2001-02	10106.58	19894.39	209017.97	66769.86	178429.86	245199.72	-56663.28	20481.53	-36181.75
2002-03	12469.22	242668.06	255137.28	85367.00	211838.87	297205.87	-72897.78	30829.19	-42068.59
2003-04	16397.44	276969.31	293366.75	94520.00	264587.66	359107.66	-78122.56	12381.65	-65740.91
2004-05	31404.20	343935.40	375339.60	134094.00	366970.50	501064.50	-102689.80	-23035.10	-125724.90
2005-06	51532.80	404885.10	456417.90	194640.00	465768.90	660408.90	-143107.20	-60883.80	-203991.00
2006-07	84520.20	487259.10	571779.30	258571.80	581934.60	840506.40	-174051.60	-94675.50	-268727.10
2007-08	114191.70	541671.80	655863.50	320654.50	691657.20	1012311.70	-206462.80	-149985.40	-356448.20
2008-09	123397.90	717357.20	840755.10	419967.60	954468.00	1374435.60	-296569.70	-237110.80	-533680.50
2009-10	132900.00	712630.00	845530.00	411650.00	952090.00	1363740.00	-278750.00	-239460.00	-518210.00
2010-11	188780.00	954140.00	1142920.00	482280.00	1201190.00	1683470.00	-293500.00	-247050.00	-540550.00
2011-12	265820.00	1193460.00	1459280.00	742760.00	1603210.00	2345970.00	-476940.00	-409750.00	-886690.00

Source: Directorate General of Commercial Intelligence and Statistics.

Table 53

Import of Principal Commodities

Commodity	(US\$ Million)						(Rupees crore)					
	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12(P)
1	2	3	4	5	6	7	8	9	10	11	12	13
I Bulk Imports	84235.8	112744.9	138774.5	126193.9	150878.2	214239.2	382060.4	453918.0	627486.3	592784.1	687035.3	1027987.7
A. Petroleum, Crude and Products	56945.3	79644.6	93667.2	87135.9	105964.4	154905.7	258571.8	320654.5	419967.6	411649.1	482281.7	742762.5
B. Bulk Consumption Goods	4294.1	4600.3	5115.1	9398.0	8845.8	11622.9	19430.8	18521.0	22883.2	42759.3	40344.9	55659.6
1. Cereals and Cereal Preparations	32.1	705.2	310.1	448.1	119.1	70.5	145.1	2839.1	216.2	496.8	545.3	336.1
2. Edible Oils	2108.3	2558.6	3397.7	5600.5	6551.0	9665.4	9539.9	10301.1	15837.5	26483.3	29860.4	46242.2
3. Pulses	860.1	1338.9	1289.4	2077.9	1565.4	1822.0	3891.9	5374.9	6246.4	9813.4	7149.6	8767.4
4. Sugar	0.8	1.5	118.0	1271.5	610.2	65.0	3.5	5.9	583.2	5965.8	2789.6	313.8
C. Other Bulk Items	22996.4	28500.0	41203.4	29660.0	36068.0	47710.7	104057.8	114742.5	184635.5	138375.7	164408.7	229565.7
1. Fertilizers	3144.0	5406.0	13692.6	6829.2	7126.6	11331.4	14226.8	21764.9	62672.8	32436.7	32632.1	55178.7
a) Crude	361.1	467.3	1059.3	703.1	714.5	1644.7	1634.1	1881.6	4887.4	3326.2	3260.9	7955.5
b) Sulphur and Unroasted Iron Pyrites	109.3	362.0	652.8	145.3	241.7	487.0	494.7	1457.5	2994.8	682.0	1099.3	2329.6
c) Manufactured	2673.6	4576.6	11980.5	5980.8	6170.4	9199.7	12098.0	18425.8	54790.5	24428.6	28271.9	44893.5
2. Non Ferrous Metals	2604.9	3505.2	6012.5	3008.6	4080.3	4907.4	11787.1	14112.3	26213.0	14264.0	18590.2	23406.0
3. Paper, Paperboards, Mfgs. Incl. News Pri	1206.8	1424.8	2227.3	1947.9	1847.7	2262.9	5460.9	5736.2	8142.0	7136.1	8412.0	10834.2
4. Crude Rubber, incl. Synthetic and Reclaim	630.8	785.7	879.2	1017.4	1770.8	2509.3	2854.4	3163.3	3959.0	4813.4	8074.0	11990.7
5. Pulp and Waste Paper.	639.3	778.0	807.7	883.5	1144.8	1382.1	2892.7	3132.1	3705.0	4178.1	5208.4	6598.2
6. Metalliferous Ores, Metal Scrap, etc.	8345.8	7911.7	8063.2	7714.4	9722.3	13380.2	37764.5	31852.9	36363.6	36449.9	44216.6	64124.1
7. Iron and Steel	6424.7	8688.6	9521.0	8259.1	10375.6	11937.4	29071.4	34980.8	43580.2	39097.5	47275.4	57433.8
II. Non-Bulk Imports	101499.4	138694.5	185628.5	162867.6	209719.3	265239.8	458445.9	558393.8	746949.3	770951.5	996431.7	1316784.4
A. Capital Goods	47069.2	70110.4	72161.3	65932.4	78613.3	98921.6	212986.0	282269.4	330384.3	312485.4	357876.4	475112.1
1. Manufactures of Metals	1603.6	2662.7	3256.4	2405.7	3331.6	4246.3	7256.3	10720.2	14970.5	11396.3	15167.3	20475.3
2. Machine Tools	1481.3	2208.0	2291.5	1659.1	2257.3	2994.7	6702.8	8889.6	10393.6	7855.3	10275.5	14348.1
3. Machinery except Electrical and Electronic	13850.4	19860.4	21746.5	19710.6	23854.2	30195.9	62672.4	79959.4	99350.3	93383.3	108652.1	144759.4
4. Electrical Machinery except Electronic	1959.8	2870.5	3712.3	3114.7	3844.5	4769.5	8868.0	11556.9	16951.0	14770.8	17509.6	22881.9
5. Electronic Goods	15972.5	20209.9	23467.5	20952.5	26573.8	32676.4	72275.0	81366.3	107319.8	99418.6	121017.2	156357.2
6. Computer Goods	967.0	893.8	1270.3	1677.4	1133.0	1634.6	4375.7	3598.3	5862.5	7972.8	5147.1	7819.5
7. Transport Equipment	9438.6	20111.6	13236.5	11708.4	11467.1	13662.7	42709.3	80970.7	60850.7	55471.9	52112.2	66363.7
8. Project Goods	1795.9	1293.5	3180.2	4704.0	6151.8	8741.6	8126.5	5207.9	14685.9	22216.5	27995.6	42107.2
B. Mainly Exported Related Items	17871.7	20768.2	31930.8	31290.3	53642.6	54645.7	80868.7	83614.6	146860.0	148355.2	244455.2	261029.7
1. Pearls, Precious and Semi-Precious Stone	7487.5	7971.6	16804.0	16298.8	34619.6	30666.7	33880.7	32094.3	76263.0	76678.3	157596.1	146219.1
2. Organic and Inorganic Chemicals	7830.6	9896.6	12385.4	11926.3	15227.5	18945.5	35433.4	39844.5	56125.4	56472.7	69349.8	90827.6
3. Textile Yarn, Fabrics, Made-ups, etc.	2151.2	2474.1	2565.4	2425.7	3217.6	3897.9	9733.9	9961.0	11799.2	12156.7	14859.7	18645.3
4. Cashew Nuts	402.4	425.9	594.1	639.6	577.8	1135.6	1820.7	1714.8	2672.4	3047.5	2649.6	5337.8
C. Others	36558.5	47815.9	81536.5	68158.4	77463.4	111672.5	164591.2	192509.8	269705.0	310110.9	394100.1	580642.6
1. Gold and Silver	14646.0	17866.9	22783.0	29783.2	42596.5	61555.4	66272.3	71933.5	104786.4	140440.4	193562.3	293929.8
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. Artificificial Resins and Plastic Materials, etc	2584.8	3685.2	3939.1	4997.5	6874.0	7508.3	11696.2	14836.6	18117.3	23674.7	31303.6	36090.6
3. Professional, Scientific Controlling Instruments, Photographic Optical Goods	2341.0	3899.6	4420.3	3618.1	4212.8	5257.3	10593.1	15700.0	20330.4	17157.0	19200.0	25264.0
4. Coal, Coke and Briquettes, etc.	4576.8	6423.7	10080.2	8969.2	9781.1	17480.1	20709.7	25862.2	45948.0	42511.1	44669.9	83412.8
5. Medical and Pharmaceutical Products	1296.4	1671.7	1889.8	2103.0	2436.2	2989.2	5866.4	6730.4	8674.8	9959.0	11113.9	14384.8
6. Chemical Materials and Products.	1321.6	1625.3	2112.5	2295.9	2913.9	3484.5	5980.1	6543.6	9625.6	10874.3	13278.1	16609.7
7. Non-Metallic Mineral Manufactures	780.0	1046.6	1171.4	1082.4	1522.4	2066.4	3529.5	4213.7	5387.7	5127.7	6939.9	9918.5
8. Others	9011.9	11596.9	12357.2	15309.1	7126.6	11331.4	39943.9	46689.8	56834.8	60366.7	74032.4	101032.4
Total Imports	185735.2	251439.4	303696.3	288372.9	369769.1	489181.3	840506.3	1012311.8	1374435.6	1363735.5	1683467.0	2344772.0

P: Provisional

Source: Directorate General of Commercial Intelligence and Statistics.

Table 5.4 Export of Principal Commodities

Commodity	(Rupees crore)		(US \$ Million)					(Rupees Crore)				
	2000-01(P)	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2007-08	2008-09	2009-10	2010-11	2011-12
1	2	3	4	5	6	7	8	9	10	11	12	13
1. Primary Products												
A. Agriculture and Allied Products	27423.28	12683.3	18432.1	17534.9	17734.1	24177.3	42094.5	74209.0	80649.1	84136.3	110296.1	179331.3
1. Tea	1975.75	435.3	505.3	584.6	620.4	736.5	859.7	2034.2	2688.9	2943.5	3354.3	4139.2
2. Coffee	1188.82	435.1	465.0	490.4	428.3	661.8	952.6	1872.3	2255.8	2032.1	3009.9	4533.3
3. Rice	2926.10	1554.9	2919.6	2427.4	2372.3	2544.8	4952.3	11754.6	11164.4	11254.9	11586.1	24118.6
4. Wheat	223.95	7.8	0.1	0.3	0.2	0.2	202.2	0.2	1.5	0.1	0.7	1023.8
5. Cotton raw including waste	870.70	1349.8	2202.0	623.1	2010.2	2910.0	4328.1	8865.4	2865.9	9537.1	13160.5	21623.1
6. Tobacco	1882.19	372.4	479.8	752.5	915.7	875.4	833.4	1931.9	3461.1	4344.4	3985.4	4006.1
7. Cashew incl. Cashew Nut Shell Liquid	1622.62	553.9	555.1	637.2	596.3	626.7	927.6	2234.8	2930.7	2829.2	2853.2	4450.2
8. Spices	2044.62	697.9	1071.7	1378.1	1297.8	1768.1	2741.1	4314.9	6338.4	6157.3	8043.5	13175.5
9. Oil Meals	840.55	1216.4	2022.0	2232.8	1650.8	2437.9	2413.7	8140.5	10269.2	7831.8	11069.6	11762.3
10. Fruits and Vegetables		26.9	761.6	982.6	1128.9	1038.2	1120.9	3066.4	4519.4	5355.9	4905.0	5705.9
11. Processed Fruits, Juices, misc. Processed items	1327.68	405.8	530.5	690.7	686.0	973.9	1355.4	2135.8	3176.6	3254.6	4433.4	6520.2
12. Marine Products	502.93	1768.2	1720.5	1536.4	2086.7	2622.7	3444.3	6926.7	7066.4	9900.0	11917.1	16588.2
13. Sugar and Mollases	1469.12	720.6	1406.5	985.2	27.4	1245.9	1883.9	5662.8	4531.4	130.0	5633.3	8983.6
14. Meat and Meat preparations	4179.87	732.4	931.3	1167.9	1325.0	1971.1	2921.4	3749.5	5371.4	6286.1	8960.1	14111.0
15. Others	5290.12	2405.9	2861.1	3045.7	2588.2	3764.4	13158.0	11519.1	14008.0	12279.4	17384.3	38590.4
B. Ores and Minerals	1629.34	7002.5	9119.8	7800.5	8662.5	8661.5	8123.9	36716.9	35877.0	41097.6	39352.7	39072.8
1. Iron Ore	63.15	3902.0	5812.0	4723.6	5978.9	4714.5	4399.3	23399.7	21725.2	28366.1	21415.6	21187.6
2. Mica	3597.64	16.8	21.8	29.6	27.8	41.5	49.2	87.5	136.2	132.0	189.2	234.6
3. Others	157661.69	3083.7	3286.0	3047.3	2655.7	3905.5	3675.4	13229.7	14015.6	12599.5	17747.9	17650.6
II. Manufactured Goods	8915.23	84920.4	102978.8	123148.9	115180.7	158125.1	139557.0	414599.3	566402.2	546455.7	719817.0	719817.0
A. Leather and Manufactures	18436.48	3016.7	3502.5	3556.0	3361.1	3909.2	4798.3	14101.3	16355.1	15946.4	17817.8	22947.7
B. Chemicals and Related Products		17335.4	21193.8	22708.2	22908.8	30855.4	39494.4	85327.7	104442.1	108686.7	140431.2	189593.4
1. Basic Chemicals, pharmaceuticals & cosmetics	8729.89	10958.8	13952.4	15628.4	15767.5	19326.1	24365.8	56173.4	71880.0	74806.2	87958.5	117123.3
2. Plastic and Linoleum Products	4152.86	3252.6	3418.6	3004.2	3354.1	4679.2	6383.4	13763.4	13817.3	15912.8	21296.8	30460.5
3. Rubber, Glass, Paints, Enamels and Products	4229.86	2372.8	2886.3	2992.2	2752.5	5551.1	7128.2	11620.5	13762.0	13058.9	22271.3	34230.0
4. Residual Chemicals & allied product	31347.67	751.2	936.5	1083.4	1034.7	1299.0	1617.1	3770.5	4982.8	4908.8	5904.7	7779.6
C. Engineering goods	25471.00	29567.1	37365.1	47285.5	38271.3	58099.6	67236.4	150434.8	217482.0	181571.7	264501.6	321320.0
1. Iron & Steel	22526.82	5238.6	5446.5	5822.7	3622.2	5110.5	6458.1	21928.1	26780.6	17185.1	23297.4	30897.4
2. Manufacture of metals	15987.71	5081.2	7051.3	7548.2	5523.0	8466.4	9566.2	28389.0	34716.7	26203.0	38527.6	46078.1
3. Machinery & instruments		6722.8	9128.1	10945.5	9539.0	11858.0	14341.6	36750.3	50341.9	45256.3	53941.8	68838.2
4. Transport equipment		4949.9	7024.7	11153.3	9824.3	16023.5	21171.6	28282.1	51297.8	46609.8	73121.3	100186.1
5. Electronic goods	1412.28	2854.0	3361.1	6805.6	5458.2	8284.9	9010.4	13532.2	31301.4	25895.4	37698.3	43237.9
6. Others		4720.6	5353.4	5010.2	4304.5	8356.3	6688.9	21553.1	23043.6	20422.1	37915.3	21082.4
D. Textile & textile products	930.93	17373.2	19425.8	20016.4	19853.0	24243.7	28027.9	78209.3	92061.8	94189.3	111491.7	135243.8
1. Cotton yarn, fabrics, made-ups etc	220.54	4218.7	4653.3	4115.7	3684.2	5791.9	6811.1	18734.4	18929.5	17479.1	26360.8	32611.8
2. Natural silk yarn, fabrics, made-ups including silk waste	38855.10	441.9	385.8	363.1	302.7	364.7	198.7	1553.1	1670.0	1436.0	1660.8	949.0
3. Man made yarn, fabrics, made-ups	33760.71	2204.4	2897.0	3026.3	3602.7	4706.7	5643.6	11663.3	13918.8	17092.5	21401.6	26974.1
4. Manmade staple fibre	2041.30	196.4	278.6	254.8	356.4			1121.7	1172.0	1690.7	-	-
5. Woolen yarn, fabrics, made-ups etc.		85.2	92.8	99.3	89.6	110.1	151.5	373.6	456.5	424.9	501.2	726.2
6. Readymade garments	3053.09	8892.3	9687.1	10935.0	10705.6	11614.2	13709.0	39001.0	50293.5	50791.0	52860.9	65600.2
7. Jute & jute manufactures	314.66	260.4	327.7	299.1	217.8	458.7	458.0	1319.4	1375.8	1033.1	2092.1	2190.8
8. Coir & coir manufactures		145.9	160.2	148.0	160.1	159.5	212.4	644.9	680.7	759.7	726.5	1020.6
9. Carpets		928.0	943.3	775.1	734.0	1037.9	843.7	3797.9	3565.0	3482.3	4718.3	4052.0
(a) Carpet handmade		898.7	925.4	762.4	725.4	1035.4	839.7	3725.8	3506.4	3441.7	4706.7	4032.8
(b) Carpet millmade		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
(c) Silk carpet		29.3	17.9	12.8	8.6	2.6	4.0	72.1	58.7	40.6	11.7	19.2
E. Gems & Jewellery		15977.0	19678.7	27955.2	28996.3	40508.7	56957.0	79227.7	128575.2	137568.0	184419.5	224762.1
F. Handicrafts(excluding carpets)		438.0	508.2	30.9	224.8	257.2	237.4	2046.2	1384.2	1066.6	1170.5	1118.9
G. Other manufactured goods.		1213.0	1304.6	1326.7	1565.5	251.2	253.8	5252.3	6101.9	7427.0	1145.2	1208.0
III. Petroleum Products	8541.67	18634.6	28363.1	27547.0	28192.0	41480.0	55603.5	114191.7	123397.9	132899.0	188779.0	265818.7
IV. Others	4654.24	3173.2	4010.5	9263.7	8982.2	16146.6	16982.7	16146.6	34428.9	40945.0	84677.2	79982.8
Total Exports	203571.01	126414.1	162904.3	185295.0	178751.4	251136.2	304623.5	655863.5	840755.1	845533.6	1142921.9	1459280.5

P: Provisional

Source: Directorate General of Commercial Intelligence and Statistics.

Table 5.5

Share of Sea-borne Trade in the Total Foreign Trade

(Value In Rs. Crore)

Year	Total Exports Including Re-exports	Share of Sea Borne in Exports(In Percentage)	Total Imports	Share of Sea Borne in Imports(In Percentage)	Share Of Sea Borne Trade To Total Foreign Trade (In Percentage)
1	2	3	4	5	6
1982-83	8803	79.0	14293	86.5	83.7
1983-84	9771	74.4	15831	85.4	81.2
1984-85	11744	77.3	17134	87.7	83.6
1985-86	10895	71.7	19658	87.9	82.2
1986-87	12569	65.8	20201	82.7	76.1
1987-88	15674	62.1	22244	77.2	71.0
1988-89	20232	59.7	28235	72.9	67.4
1989-90	27681	59.5	35416	69.6	65.2
1990-91	32553	67.3	43193	81.1	75.1
1991-92	44042	66.6	47851	80.8	74.0
1992-93	53688	64.9	63375	78.0	72.0
1993-94	69751	66.1	73101	96.0	81.4
1994-95	82673	64.3	89971	79.8	72.4
1995-96	106353	63.7	122678	80.7	72.8
1996-97	118817	67.4	138920	82.4	75.5
1997-98	130101	64.4	154176	74.7	70.0
1998-99	139752	62.2	178332	67.9	65.4
1999-00	159095	58.4	215528	68.8	64.4
2000-01	129940	64.5	156166	68.4	66.6
2001-02	209018	64.6	245200	68.2	66.5
2002-03	255137	65.1	297206	61.5	63.2
2003-04	293367	64.8	359108	65.1	65.0
2004-05	375340	66.2	501065	65.8	65.9
2005-06	456418	69.1	660409	70.3	69.8
2006-07	571779	64.2	840506	66.6	65.6
2007-08	655864	66.0	1012312	67.1	66.6
2008-09	840755	...	1374436	...	...
2009-10	845534	...	1363736	...	...
2010-11	1142922	...	1683467	...	...
2011-12	1465959	...	2345463	...	...

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

(a) : Included in Ports

(b) : Revised Estimate for Centre

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)

Port	Annual Plan (2005-2006)		Annual Plan (2006-2007)		Annual Plan (2007-2008)		Annual Plan (2008-2009)		Annual Plan (2009-2010)		Annual Plan (2010-2011)		Annual Plan (2011-2012)	
	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)	54.04	59.66	50.04	71.99	37.37	63.05	44.97	53.64	58.00	48.85	50.88	49.76	63.73	21.29
Mumbai	74.53	19.23	59.86	14.55	50.36	26.10	150.00	23.50	192.00	146.09	179.58	116.76	176.57	142.05
JNPT	96.84	65.77	106.14	40.71	188.18	70.28	175.17	48.77	324.00	177.94	89.61	38.24	153.69	104.81
Chennai	46.71	25.11	35.00	26.07	47.81	44.41	72.95	48.98	34.00	58.37	243.00	184.46	136.00	4.44
Cochin	53.12	24.76	73.84	72.89	158.52	139.07	255.65	246.33	191.97	190.93	259.35	160.86	115.08	92.21
Visakhapatnam	27.00	17.68	27.33	43.80	83.00	36.61	39.97	31.44	65.01	75.74	151.00	121.19	190.00	113.45
Kandla	93.30	91.29	94.66	80.19	89.49	38.25	140.87	58.07	115.00	62.64	45.66	52.70	92.27	52.82
Mormugao	33.50	17.92	28.06	20.77	10.10	11.18	22.07	17.52	71.00	31.01	66.29	71.52	108.93	69.17
Paradip	116.00	44.02	83.40	23.15	100.00	42.05	288.00	101.47	276.51	128.19	166.21	81.26	70.00	74.80
New Mangalore	26.00	18.09	18.00	18.02	36.00	25.81	30.00	30.11	34.00	32.48	31.00	24.56	36.00	38.45
Tuticorin	43.67	13.56	52.31	29.11	79.46	63.16	96.87	65.12	220.50	39.03	90.94	172.08	291.97	369.65
Ennore Port Ltd.	76.00	13.40	70.00	9.57	61.00	34.53	70.00	102.43	95.01	50.52	95.00	70.12	60.00	61.92
Sethusamudram Ship Canal Project	107.00	150.00	304.00	334.66	664.22	119.47	1581.07	221.22	161.10	20.98	10.00	6.02	10.01	8.51
WEB Based EDI Port Community System	6.00	0.34	7.83	1.66	7.50	0.04	6.00	1.00	3.00	3.33	4.88	4.46	2.38	2.01
Others (b)	259.74	79.14	333.78	213.64	477.26	170.67	598.38	88.50	564.90	161.68	362.86	223.31	673.09	518.08
Survey Vessels	50.00	0.00	20.00	0.00	19.00	0.00	79.00	5.00	10.00	0	15.00	15.00	15.00	15.00
Total	1163.45	639.97	1364.25	1000.81	2109.27	884.68	3650.97	1143.10	2416.00	1227.78	1861.26	1392.3	2194.72	1688.66

(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	- -	- -	- -
2011-12 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 2011-12**

(In '000 Tonnes)

Type of Cargo		Indian Lines		Foreign Lines		Total
General Cargo						
	Loaded	1515	6.51192779	21750	93.488072	23265
	Unloaded	5238	12.9592518	35181	87.040748	40419
	Total	6753	10.6039194	56931	89.396081	63684
Container						
	Loaded	1523	2.15517851	69144	97.844821	70667
	Unloaded	1363	1.94786635	68611	98.052134	69974
	Total	2886	2.05203319	137755	97.947967	140641
Dry Bulk						
	Loaded	15242	18.3181703	67965	81.68183	83207
	Unloaded	9164	4.83915257	180208	95.160847	189372
	Total	24406	8.95373451	248173	91.046265	272579
POL/Product & Other Liquids						
	Loaded	3393	5.58013321	57412	94.419867	60805
	Unloaded	44648	20.5599558	172512	79.440044	217160
	Total	48041	17.2831112	229924	82.716889	277965
Grand Total						
	Loaded	21673	9.10844568	216271	90.891554	237944
	Unloaded	60413	11.6869952	456512	88.313005	516925
	Total	82086	10.8742047	672783	89.125795	754869

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/diseembarked 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.