

भारत के मूल पत्तन आंकड़े
BASIC PORT STATISTICS OF INDIA
2008-09



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



के. मोहनदास
K. Mohandas

Tel : 23714433
Fax : 23716854

सचिव
पोत परिवहन मंत्रालय
भारत सरकार
परिवहन गवन, 1, संसद भवन
नई दिल्ली-110001

SECRETARY
MINISTRY OF SHIPPING
GOVERNMENT OF INDIA
Transport Bhawan, 1, Parliament Street
New Delhi-110001

FOREWORD

Ports are economic and service provision units of a remarkable importance since they act as a node for the interchange of two transport modes, maritime and land whether by rail or road. India has a coastline of around 7517 kms with 13 major ports and 199 notified non-major (minor/intermediate) ports along its coast line and Sea Islands.

Maritime transport activity depends on development in world trade and domestic activity. The year 2008-09 marked a major turning point in the history of world economy and trade. The world economy experienced a synchronized downturn. The crisis was unique, not only in terms of its depth but also in the extent of its global reach: virtually no economy has remained unaffected. Following the global economic downturn, slowdown in India's growth, India's sea borne cargo witnessed a subdued growth in 2008-09.

There has been a structural change in India's seaborne cargo traffic marked by a consistent shift in handling of India's cargo traffic towards non major ports. In the year 2009-10 the share of non major ports was close to one-third of India's total (845 million tones) seaborne cargo traffic.

Efficient port infrastructure is vital to the cost of trade, the global competitiveness of the country and its development prospects. India's demand for port infrastructure is enormous. An overwhelming share of India's trade in volume terms is through sea. Therefore, development of port infrastructure in terms of expansion, upgrading and maintaining is an enormous challenge. This entails huge investment which budgetary sources alone cannot meet. This will require innovative financing in terms of public private partnership. The port development in many ways exemplifies challenge and opportunity of infrastructure development.

The present volume of Basic Port Statistics, 2008-09 of India gives a comprehensive data and attempts to provide a wide range of information on volume and composition of seaborne traffic across major and minor ports in the backdrop of global and domestic macro developments. Besides, it also gives data on parameters which reflect efficiency in cargo operations at our major ports.

I hope that this document would be useful to administrators, policy makers and academia interested in the area of maritime infrastructure development.

September 2010

(Signature)

(K. Mohandas)



महाराष्ट्र
राज्य

राज्य

Officials associated with this publication:-

- Shri M. M. Hasija, Adviser(Statistics)
- Shri O.P.Bhardwaj, Sr. Statistical Officer
- Ms. Shashi Bala, Junior Investigator
- Ms. Savita Mittal, Junior Investigator
- Shri Surrender Singh Rawat

CONTENTS

Sections/ Tables	Subject	Page No.
	Port Sector At a Glance	
Section I	MACRO ECONOMIC DEVELOPMENT & PERFORMANCE OF INDIAN PORTS - HIGHLIGHTS	
A.	Global Environment & Sea-borne Trade	i
B.	An Overview of Performance of Indian Ports	viii
C.	Performance of Major Ports	xi
D.	Performance of Non-Major Ports	xvii
Section II	TABLES	
	1. VITAL PORT STATISTICS	
1.1	Number of Major & Non-Major Ports in the Maritime States (As on 31.3.2009)	1
1.2	Use of Non-Major Ports (As on 31.3.2009)	2
1.3	Topography of Major Ports (As on 31.3.2009)	3
1.4	Berths Available at Major Ports (As on 31.3.2009)	4
1.5	Storage Facilities Available at Major Ports (As on 31.3.2009)	11
1.6	Commodity-wise Capacity Available at Major Ports (As on 31 st March, 2006 to 2009)	16
1.7	Number of Berths Available at Major Ports (As on 31 st March, 2006 to 2009)	16
1.8	Cargo Handling Equipment Available at Major Ports (As on 31.3.2009)	17
1.9	Container Handling Facilities Available at Major Ports (As on 31.3.2009)	18
1.10	Berthing Facilities Available at Non-Major Ports (As on 31.3.2009)	19
1.11	Equipment Available at Various Non-Major Ports (As on 31.3.2009)	24
1.12	State-wise Navigational Aids Maintained by Department of Light-Houses & Light-Ships (As on 31.3.2009)	26
	2. CURRENT PORT STATISTICS	
	2.1 Major Ports	
2.1.1	Traffic Handled at Major Ports in India - 2008-09	27
2.1.2	Traffic Handled at Major Ports by Selected Commodities - 2008-09	28
2.1.3	Traffic Handled - Port-wise and Principal Commodity-wise - 2005-07, 2007-08 & 2008-09	29
2.1.4	Percentage Share of Indian Flag Vessels in the Overseas Cargo Traffic Handled at Indian Ports - 2006-07, 2007-08 & 2008-09	43
2.1.5	Container Traffic Handled at Major Ports - Type-wise - 2005-07, 2007-08 & 2008-09	44
2.1.6	Commodity-wise Break-up of Container and General Cargo and Level of Containerisation at Major Ports - 2007-08 & 2008-09	48

2.1.7	Commodity-wise Break-up of Container and General Cargo and Level of Containerisation at Major Ports – Port-wise – 2007-08 & 2008-09	61
2.1.8	Overseas Cargo of Principal Commodities Unloaded by Country (Port-wise) – 2008-09	76
2.1.9	Overseas Cargo of Principal Commodities Loaded by Country (Port-wise) – 2008-09	87
2.1.10	Tare-weight of Containers Handled at Major Ports – 2006-07, 2007-08 & 2008-09	83
2.1.11	Roster Container Traffic at Major Ports – 2007-08 & 2008-09	84
2.1.12	Level of Containerisation in General Cargo at Various Major Ports – 2007-08 & 2008-09	85
2.1.13	Inland Container Movement At Major Ports – 2007-08 & 2008-09	86
2.1.14	Inland Container Depot Movement of Containers at Major Ports – 2007-08 & 2008-09	87
2.1.15	Selected Physical Performance Indicators - By Type of Vessels - 2007-08 & 2008-08	88
2.1.16	Selected Physical Performance Indicators – Major Port-Wise - 2007-08 & 2008-09	89
2.1.17	Number of Vessels Sailed by Type of Vessels - 2007-08 & 2008-09	100
2.1.18	Average Pre-berthing Detention – By Type of Vessels- 2007-08 & 2008-09	101
2.1.19	Average Turn Round Time - By Type of Vessels - 2007-08 & 2008-09	102
2.1.20	Percentage of Idle Time at Berth to Time at Working Berth - By Type of Vessels - 2007-08 & 2008-09	103
2.1.21	Out Put Per Ship Berth-day - By Type of Vessels - 2007-08 & 2008-09	104
2.1.22	Commodity-wise Average Pre-berthing Detention- 2007-08 & 2008-09	106
2.1.23	Commodity-wise Average Turn Round Time - 2007-08 & 2008-09	106
2.1.24	Commodity-wise Average Non-working Time at Berth- 2007-08 & 2008-09	107
2.1.25	Commodity-wise Output Per Ship Berth-day - 2007-08 & 2008-09	108
2.1.26	Average Pre-berthing Detention on Port & Non Port Account - Major Port-wise - 2007-08 & 2008-09	109
2.1.27	Reason-wise Major Port-wise Average Pre-berthing Detention – 2008-09	110
2.1.28	Average Berth Occupancy for Major Ports – 1999-2000 to 2008-09	114
2.1.29	Performance of Cargo Handling Equipments of Major Ports - 2006-07, 2007-08 & 2008-09	116
2.1.30	Availability and Utilisation of Container Handling Equipments – Major Ports – 2007-08 & 2008-09	118
2.1.31	Container Handling Rate – Major Ports - 2007-08 & 2008-08	120
2.1.32	Major Ports - Capacity & Utilisation - 2008-09	121
2.1.33	Employment at Major Ports - As on 31 st March, 2009	122
2.1.34	Employment at DLB's of Major Ports - As on 31 st March, 2009	122
2.1.35	Mandays Employed & Mandays Lost –Major Ports - 2006-2009(31 st March)	123
2.1.36	Capital Employed at Major Ports – 2003-04 to 2008-09	124
2.1.37	Operating Expenditure under Various Heads - Major Ports - 2007-08 & 2008-09	126
2.1.38	Operating Financial Parameters per Tonne of Cargo Handled at Major Ports - 2006-07, 2007-08 & 2008-09	126

2.2 Non-Major Ports		
2.2.1	Traffic Handled At Non-Major Ports (Port-wise) - 2006-07; 2007-08 & 2008-09	127
2.2.2	Traffic Handled At Non-Major Ports (State-wise and Principal Commodity-wise) -2006-07, 2007-08 & 2008-09	129
2.2.3	Commodity-wise Overseas Cargo Traffic Handled at Selected Non-Major Ports - 2006-07, 2007-08 & 2008-09	132
2.2.4	Commodity-wise Coastal Cargo Traffic Handled at Non-Major Ports - 2006-07, 2007-08 & 2008-09	135
2.2.5	Cargo Handled at Non-Major Ports By Steamers & Sailing Vessels -2007-08 & 2008-09	137
2.2.6	Manpower Employed at Non-Major Ports - 2008-09	139
2.2.7	Physical Performance of Non-Major Ports - 2007-08 & 2008-09	140

3. TIME SERIES STATISTICS

3.1 All Ports

3.1.1	Trend in Cargo Traffic Handled at Indian Ports	141
3.1.2	Cargo Traffic Handled at Indian Ports - By State	142
3.1.3	Cargo Unloaded (Overseas & Coastal) at Indian Ports - By State	148
3.1.4	Cargo Loaded (Overseas & Coastal) at Indian Ports - By State	148

3.2 Major Ports

3.2.1	Trend in Total Traffic Handled at Major Ports	150
3.2.2	Trend in Port-wise Cargo Traffic Handled at Major Ports	151
3.2.3	Commodity-wise Cargo Traffic Handled at Major Ports	152
3.2.4	Trend in Type-wise Cargo Traffic Handled at Major Ports	153
3.2.5	Container Traffic Handled at Major Ports	163
3.2.6	Trend in Container Traffic Handled at Major Ports	164
3.2.7	Passenger Traffic at Major Ports	165
3.2.8	Number, Type & Size of Ships Handled at Major Ports	168
3.2.9	Distribution of Revenue & Expenditure at Major Ports	171
3.2.10	Operating Financial Parameters for Major Ports	178
3.2.11	Operating Ratio for Major Ports	180
3.2.12	Employment of Manpower at Major Ports As on 31 st March (2000-2009)	181
3.2.13	Number of Dock Workers with DLBs at Major Ports As on 31 st March (2000-2009)	182
3.2.14	Number of Dock Workers Listed with Major Ports As on 31 st March (2000-2009)	182

3.3 Non-Major Ports

3.3.1	Trend in Cargo Traffic Handled at Non-Major Ports - State-wise	183
3.3.2	Cargo Traffic handled at Non-Major Ports-State-wise & Commodity-wise	187
3.3.3	Transshipment Traffic at Non-Major Ports	182
3.3.4	Passenger Traffic Handled at Non-Major Ports	183
3.3.5	Passenger Traffic Handled at Non-Major Ports - Maritime State-wise	184
3.3.6	Number of Steamers/Sailing Vessels Entering in Non-Major Ports - Maritime State-wise	185
3.3.7	Employment of Manpower at Non-Major Ports As on 31 st March (2000-2009)	184

4. INTERNATIONAL PORT STATISTICS

4.1	World Port Traffic – Port Traffic League by TEUs of Total Container Handled – 2004-2008	197
4.2	World Port Traffic – Port Traffic League by Total Cargo traffic – 2004-2008	198
4.3	Cargo Traffic – for Selected Ports in Asia – 2004-2008	199

5. GENERAL STATISTICS

5.1	Gross Domestic Product by Economic Activity (A) 2004-08 Prices	201
5.2	India's Foreign Trade	202
5.3	Import of Principal Commodities	203
5.4	Export of Principal Commodities	204
5.5	Share of Sea-borne Trade in the Total Foreign Trade	205
5.6	Transport Sector – Outlay & Expenditure under the Plans	206
5.7	Outlay & Expenditure – Port Sector (Central)	207
5.8	Outlay & Expenditure on Non-Major Ports	208
5.9	India's Overseas Trade during 2008-09	209

Section III APPENDICES

1.	Organization of Major Ports in India	210
2.	Definitions of Terms Used in Ports and Shipping	212

Abbreviation Used

...	Not Available
-	NH
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	Fertiliser Oil
FRM	Fertiliser Raw Materials
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
LDD	Light Diesel Oil
LH&LS	Light House & Light Ships
LDA	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
RMGC	Roll 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	Vishakhapatnam Port Trust

Port Sector at a Glance

Item	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
1	2	3	4	5	6	7
1. No. of Ports (Number)						
Major	12	12	12	12	12	12
Non-Major	182	187	187	187	187	187
Total	194	199	199	199	199	199
2. Cargo Handled (Million Tonnes)						
Major	244.80	353.76	428.57	483.73	519.31	591.10
Non-Major	118.88	138.98	150.12	184.87	208.39	273.22
Total	463.68	492.74	578.69	668.60	727.70	864.32
3. Containers						
Major (1000 TEUs)	3895	4235	4813	5537	6706	8678
Non-Major (1000 TEUs)	51035	54791	62408	73459	82247	88440
4. Passenger Traffic ('000 Nos.)						
Major	304	311	408	431	481	530
Non-Major	12985	14735	20268	15302	16108	17321
Total	13289	15046	20676	15733	16589	17851
5. Employment ('000 Nos.)						
Major	7	8	8	8	8	8
Non-Major	4	3	3	3	3	3
6. Financial Performance - Major Ports (Rs. Million)						
a) Total Revenue	47400	54589	69819	88338	72225	81052
b) Total Expenditure	40754	48565	59989	44108	46287	57732
7. Performance Indicators - Major Ports						
a) Total Cargo Vessels Served (Nos.)	16851	17872	19171	20168	21528	21395
b) Av. Turn Round Time (Days)	3.4	3.5	3.63	3.58	3.88	4.20
c) Av. Pre-berthing Detention (Days)	1.1	0.80	1.11	1.20	1.65	1.83
On Port Account	0.2	0.26	0.38	0.30	0.49	0.50
On Non Port Account	0.9	0.54	0.73	0.90	1.16	1.33
d) Output per ship berth day (Tonnes)	9215	9211	9343	10326	8440	9860
Container	8735	8204	11869	15670	18778	15223
Break Bulk	1880	1798	1904	1850	1462	1647
Dry Bulk - Mechanical	26028	22244	21786	22434	20067	18104
Conventional	6079	6373	6432	6042	6384	5618
Liquid Bulk	17930	17293	17045	17575	17094	17450

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

1.1.1 After years of strong growth, the global expansion was on a down slide. The financial turmoil that erupted in August 2007 coincided with unprecedented increase in fuel and food prices adversely affected the world economy in 2008 and 2009. The impact of the subprime crisis spread well beyond the United States, causing a widespread squeeze in liquidity and credit. Many advanced economies were close to or moved into recession, while growth in developing/emerging economies also weakened. As per the World Economic Outlook (International Monetary Fund (IMF), April 2010) global growth decelerated to 3 per cent in 2008 and contracted to by 0.6 % in 2009. This was the first decline in total world production since the 1930s, and its impact is magnified in trade. Developed countries only managed a meagre 0.5 % output growth in 2008 compared to 2.8 % in 2007. Developing countries expanded their output in 2008 by 6.1 %, down from 8.3 % in 2007. India and China experienced a moderation in growth in 2008 and withstood the turmoil in the world financial markets and adverse growth shocks in the developed countries. India's resilience lies mainly in its healthy macro economic fundamentals and the fact that its growth dynamics is rooted in domestic demand.

1.1.2 World trade grew by 2.4% in volume terms for the whole of 2008 compared to 6.6% volume increase posted in 2007. For the last 30 years trade growth has often outpaced growth in output. Production for many products is sourced around the world so there is a multiplier effect – as demand falls sharply overall, trade will fall even further. The collapse in global demand brought on by the biggest economic downturn in decades drove down world trade by 11.8 % in 2009 [World Economic Outlook (International Monetary Fund (IMF), April 2010], the biggest such contraction since the Second World War. The contraction in developed/advanced countries was particularly severe with export volume falling by 13.6% in 2009. In developing countries, which are far more dependant on trade for growth, exports fell by some 9 % in 2009. Signs of

the sharp deterioration in trade were evident in the latter part of 2008 as demand sagged and production slowed.

1.1.3 Notable aspect of the current slowdown in world trade is its synchronized nature. With the growing share of developing countries trade in the global total, and increased geographical diversification, it was assumed by many that a "decoupling" effect would have made developing countries less vulnerable to turmoil in the developed world. However, this has not turned out to be true. Trade prospects for 2009 are heavily conditioned by the financial crisis that began almost two years ago in the United States. Trade has also been affected adversely by a sharp shrinkage in credit to finance imports and exports. Therefore, it is difficult for any country to insulate itself from global downturn when most of its main trading partners are in recession.

1.1.4 Trade growth decline is expected to be larger than in past slow-downs. A number of factors may explain this. One is that the fall-off in demand is more widespread than in the past, as all regions of the world economy are slowing at once. A second reason for the magnitude of recent declines relates to the increasing presence of global supply chains in total trade. A third element in current conditions that is likely to contribute to the contraction of trade is a shortage of trade finance. A fourth factor that could contribute to trade contraction is protection. Any rise in protection will threaten the prospects for recovery and prolong the downturn. One indicator of the severity of the global downturn in trade has been the fall-off in international shipping. Movements in the Baltic Dry index reflect cost of shipping bulk and are related to global demand for manufactured goods. Between June and November of 2008 the Baltic Dry Index fell by 84%.

1.1.5 A noteworthy feature of performance of India's port traffic during the years 2002-08 in particular has been its much higher growth compared to corresponding growth in world seaborne trade. To a large extent the strong growth of India's seaborne cargo traffic reflected buoyancy in India's overall Gross Domestic product (GDP) growth and robust growth in merchandise trade in recent years. As a result, growth in India's seaborne cargo throughput during 2002-08 outstripped growth in both world trade and

output. In the face of uncertain global market conditions and more challenging domestic market environment India's seaborne cargo traffic grew by a mere 2.6 per cent in 2008-09 which was barely one fifth of the growth at 11.8 % in 2007-08. This deceleration in the growth of cargo traffic is attributed to mainly exogenous factors rooted in global and domestic growth dynamics.

Table 1: Growth in Cargo handled at Indian Ports and related parameters (in per cent)

Parameters	2004-05	2005-06	2006-07	2007-08	2008-09
Trends in India's Select : Macro Parameters					
I. Total Cargo	12.3	10.9	12.2	11.9	2.5
(a) Major Ports	11.3	10.4	9.5	12.0	2.2
(b) Non Major Ports	15.2	9.6	23.2	11.6	3.3
II. GDP overall	7.5	9.5	9.7	9.2	6.7
(a) Agriculture	0.0	5.2	3.7	4.7	1.6
(b) Industry	10.3	9.3	12.7	9.5	3.8
(c) Services	8.1	11.1	10.2	10.8	9.8
III. Foreign Trade					
(a) Export in \$ value	30.8	23.4	22.6	28.0	13.8
(b) Import in \$ value	42.7	33.8	34.5	35.6	20.7
Trends in Global Macroeconomic Parameters					
IV. World Output	4.9	4.5	5.1	5.2	3.0
(a) Developed Countries	3.2	2.7	3.0	2.8	0.5
(b) Developing Countries	7.5	7.1	7.9	8.3	6.1
V. World Trade Volume²	10.9	7.5	8.8	6.5	2.4
VI. Export Volume³ (Goods)					
(a) Developed Countries	8.5	6.7	8.8	6.8	1.5
(b) Developing Countries	16.8	10.7	8.6	8.7	3.9
VII. Import Volume (Goods)					
(a) Developed Countries	9.6	8.4	7.8	4.2	0.0
(b) Developing Countries	16.7	11.8	10.4	12.4	7.9
VIII. World Seaborne Trade⁴	4.8	3.6	7.3	4.4	2.5
(a) Goods Loaded	6.2	9.8	6.1	4.5	3.6
(b) Goods Unloaded	4.8	3.3	8.4	4.4	1.5
I. Based on data from Major Ports and Non Major Ports II. Based on gross domestic product (GDP) at Factor Cost (1999-2000 Prices), Central Statistical Organization # : Goods; III. Based on Department of Commerce, DGCI&S data IV, V, VI & VII based on World Economic Outlook (International Monetary Fund (IMF), April 2010); VIII Based on Review of Maritime Transport, 2009, UNCTAD Note : MT: Million Tonnes. For item Nos IV, V, VI, VII and VIII year 2004-05 refers to calendar year 2004 and so on; * growth in total goods loaded plus unloaded					

1.1.6 International trade is a cornerstone of the global economy. Exchange of goods amongst countries widen the choice of supply and ensures that production takes place where it is cheapest and best. This is reflected in the intensification of globalization and the fact that world trade is growing faster than the world output. World trade relies on cheap and secure transport. Seaborne trade plays a key role in this context since an

estimated 80 % of global trade in goods takes place by seaborne mode. As trade grows, the demand for maritime transport also grows. Technological developments in bulk and container transport have made maritime transport cheaper. Bulk transport involves shipping one homogeneous commodity (e.g. grain, ore etc.) at any one time, but in large quantities; in contrast, container transport entails transporting different goods at the same time, but in standard containers that are easy to load and unload. However, the slower growth in world sea-borne trade compared to world trade in general reflects that the weight of the goods transported increases at a slower rate than their value due to rising trade in processed goods like electronic items, medicines, apparel, gem & jewellery etc. Besides, greater use of lighter materials and lower material intensity in the manufacturing process has also led to slower increase in weight.

World Sea-borne Trade

1.1.7 Maritime transport activity depends on developments in world trade. An analysis of world seaborne trade based on Review of Maritime Transport (RMT), UNCTAD (2009) shows international seaborne trade (loadings/exports) increased at a slower rate of 3.6% in 2008 to reach a total volume of 9.17 billion tonnes (Table:2). Experts at Fearleys, a leading shipbroker, expect world seaborne trade to fall by 1.4 % in 2009, before turning around and growing at a slower rate of 2 % in 2010. For 2009, Clarkson Research Services are expecting dry cargo volumes to fall by 4.4 %, the first drop since 1983. Indeed during the past three decades, the annual average growth in world seaborne trade is estimated at 3.1 per cent by the RMT (2008), UNCTAD. The figure of 9.17 billion tonnes of international seaborne trade in 2008 comprised 2.75 billion tonnes of tanker cargo (33.7%) and 6.42 billion tonnes of dry cargo (69.3%). Tanker trades (crude oil and products) posted marginal growth of 1.6 % in 2008 in an environment of weak demand. The tanker Cargo, in turn, consisted of 1834 million tonnes (66.7%) of crude oil and 915 million tonnes (33.3%) of petroleum products. Dry bulk trade, the main driver of the shipping industry over the past few years, is driven, inter alia, by industrial production and growth requirements. These shipments accounted for more than two-third of total world goods loaded. Dry bulk consisted of 2.10 billion tonnes of the five traditional dry bulk types (iron ore, coal, food grains, and

bauxite/alumina and rock phosphate) and other dry cargo of 3.32 billion tonnes which showed an increase of 4.1 % and 6 % respectively.

Table 2: International Seaborne Trade (loaded goods in million tonnes)						
Year	Tanker Cargo		Dry Cargo		Total Cargo	
	In tonnes	% change	In tonnes	% change	In tonnes	% change
1990	1755		2253		4008	
2000	2163		3821		5984	
2001	2177	0.6%	3844	0.6%	6021	0.6%
2002	2139	-1.7%	3981	3.8%	6120	1.6%
2003	2226	4.1%	4374	7.4%	6600	8.2%
2004	2313	4.1%	4628	5.9%	6941	5.3%
2005	2422	4.6%	4887	5.5%	7309	5.3%
2006	2548	5.3%	4897	0.2%	7445	1.8%
2007	2705	6.2%	5177	5.7%	7882	5.9%
2008	2749	1.6%	5419	4.7%	8168	3.6%

Source: Review of Maritime Transport 2009, UNCTAD and earlier issues

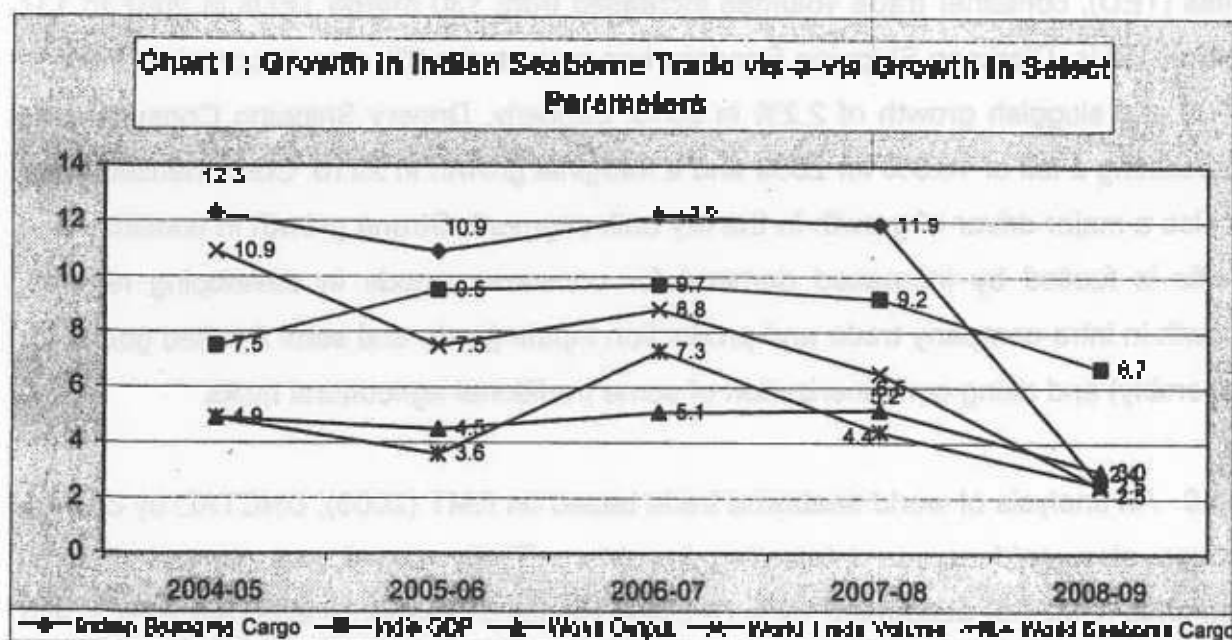
1.1.8 Since 1990, global container trade (in TEUs) is estimated to have increased by a factor of five, which is equivalent to an annual average growth of 8.8 per cent (RMT 2009). Accounting for about 18 % of world goods loaded in volume terms (tonnes), container trade recorded the sharpest deceleration, with a growth rate falling by more than half, from 11 % in 2007 to 4.7 % in 2008. Measured in Twenty Foot Equivalent units (TEU), container trade volumes increased from 130 million TEUs in 2007 to 137 million TEUs. Clarkson Shipping Services has projected a 9% drop in container trade in 2009 and sluggish growth of 2.2% in 2010. Similarly, Drewry Shipping Consultants is forecasting a fall of 10.3% for 2009 and a marginal growth in 2010. Containerized trade is also a major driver of growth in the dry bulk segment. Strong growth in containerized traffic is fuelled by increased demand for consumer goods in developing regions, growth in intra-company trade and production inputs (parts and semi finished goods for assembly) and rising containerization of some traditional agricultural bulks.

1.1.9 An analysis of world seaborne trade based on RMT (2009), UNCTAD by country groups also yields some interesting insights. Firstly, developed market-economy countries (DMECs) accounted for 2.74 billion tonnes of seaborne exports/loadings and 4.03 billion tonnes of seaborne imports/unloading in 2008. This gave them a market share of 33.6% of total world seaborne exports and 49.3% of total world seaborne imports. Secondly, developing countries (across all continents) accounted for more than 60 % of the volume of world seaborne exports (with a very high market share of

liquid cargo, reflecting the importance of OIL producers) and about 50% of world seaborne imports. The trade structure of developing countries contrasts sharply with that of DMECs. The developing countries' combined share in crude oil and petroleum products exports represented about 36 % and 53 % respectively. For imports, these shares were about 37% for crude and 43 % for products. In the dry cargo sector, the share of developing countries' exports reached about 53 % of world dry cargo exports, while their share of world imports touched 55 %. Thirdly, developing countries in Asia were the largest traders accounting for about 39 % of the world seaborne goods loaded/exported and 40 % of the world seaborne goods unloaded. Further developing countries in Asia accounted for 52.4 % and 35.2 % of total crude and petroleum products loaded in 2007. The corresponding share of crude and petroleum products in total unloading (imports) were 30.8 % and 30.4 % respectively in 2008.

2 INDIA: SEABORNE CARGO TRAFFIC

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



Source: Growth rates for India's GDP and Cargo Traffic are based on statistics released by Central Statistical Organisation and data available with Transport Research Wing of MoS Shipping, Road Transport & Highways and pertains to fiscal year. Growth rates in the World Output and World Export Volume refer to calendar years (2003-04 refers to 2003 and so on) based on UNCTAD, 2008.

India's Maritime Trade

2.2 India's maritime trade comprises of export-import trade in various bulk and non-bulk commodities. Over the last decade, since the launch of economic reforms, there has been a steady increase in handling of cargo traffic at Indian ports. Though India's share in global exports is less than 1%, export growth has shown vigour and vitality over the last few years. To sustain the momentum of exports and improve competitiveness the country would need adequate and efficient infrastructure in terms of ports and maritime services.

Indian Shipping Share in the Total Overseas Cargo Carried

2.3 During 2008-09, the total overseas cargo handled at Indian ports was placed at 611.04 million tonnes. The share of Indian bottoms in carrying this total cargo is summarized in Table 2A.

Table 2A : India's Overseas Cargo Carried by Indian Flag Vessels during 2007-08 & 2008-09				
Type of Cargo	2007-08		2008-09	
	Total Overseas Cargo	Share of Indian Units	Total Overseas Cargo	Share of Indian Units
General Cargo	157.33	4.76(3.0)	149.98	4.02(2.7)
Dry Bulk Cargo	221.29	13.27(6.0)	238.41	11.34(4.8)
Liquid Bulk Cargo	215.40	35.69(16.6)	222.65	33.96(15.3)
Total	594.02	53.72(9.0)	611.04	49.31(8.1)
Figures in parenthesis indicate the percentage share of Indian vessels in respective cargo categories.				
Source: Major & Non-Major Ports				

It is observed that the share of overseas cargo carried by Indian flag vessels varies across different categories of cargo. At an aggregate level, Indian bottoms carried more than 8% of the country's overseas cargo during 2008-09.

B. AN OVERVIEW OF PERFORMANCE OF INDIAN PORTS

3. PORT INFRASTRUCTURE

3.1 Ports are economic and service provision units of a remarkable importance since they act as a place for the interchange of two transport modes, maritime and land, whether by rail or road. Therefore, the essential aspect of ports lies in their intermodal nature. India has a coast-line of around 7517 kms with 12 major ports and 187 notified non-major (minor/intermediate) ports along the coast-line and seaislands.

4. TOTAL TRAFFIC

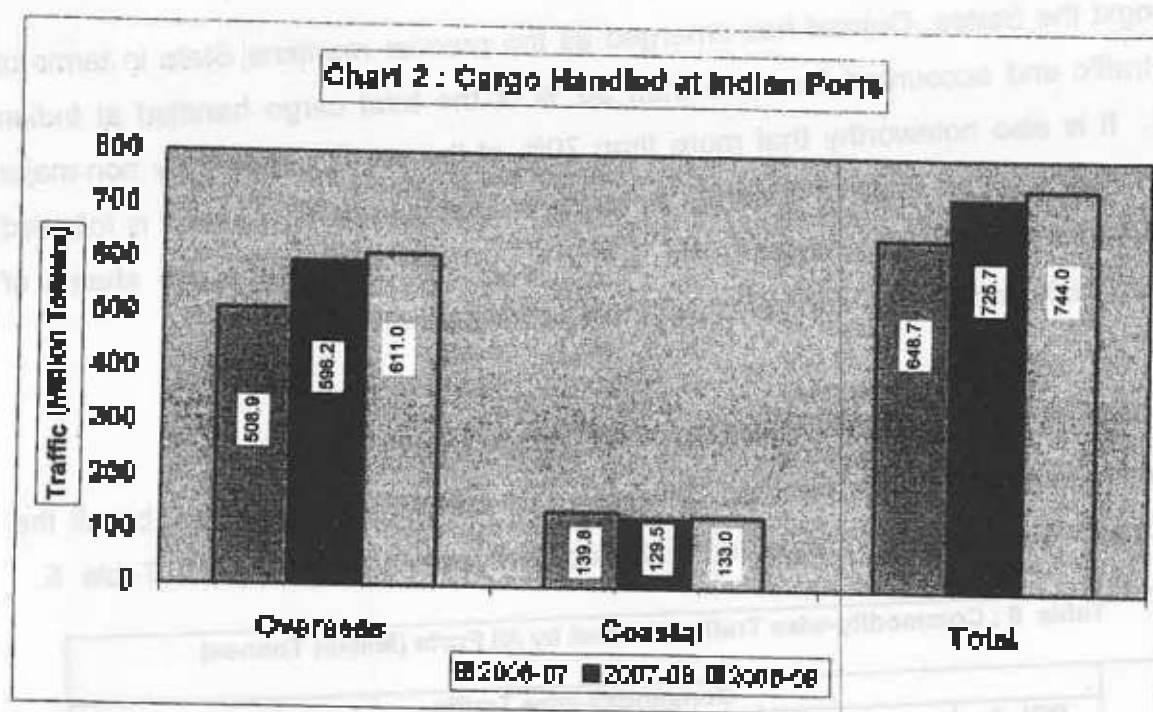
4.1 The total cargo handled at Indian Ports (major and non-major) increased to 744 million tonnes in 2008-09 from 725.7 million tonnes in 2007-08 reflecting meagre increase of 2.5% during 2008-09. India's major ports handled more than 70% of the cargo handled at Indian ports. The growth profile of cargo throughput at India's major and minor ports in terms of their coastal and overseas trade during 2004-05 to 2008-09 is given in the Table: 3

Table 3 : Growth in Cargo Traffic at Indian Ports

Port	2004-05			2005-06			2006-07			2007-08			2008-09		
	OT	CT	TT	OT	CT	TT	OT	CT	TT	OT	CT	TT	OT	CT	TT
Major	14.28	2.46	11.24	13.82	2.82	10.92	14.31	2.53	9.49	15.79	5.70	11.47	9.54	2.44	2.21
Non Major	19.79	2.11	13.93	13.87	4.41	8.81	18.49	40.71	23.15	26.92	25.14	11.00	2.61	7.18	3.91
All India	15.57	2.28	12.33	12.50	1.91	10.17	17.02	14.28	13.07	17.12	7.59	11.27	2.44	2.35	2.40

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

4.2 The strong growth in overseas and coastal cargo traffic is reflective of strong volume growth in India's merchandise trade and robust economic growth. Overseas cargo accounts for 82% of the total cargo handled at Indian Ports



4.3 Post liberalization decade (1998-99 to 2008-09) saw a compound annual growth rate (CAGR) of 10.0% in total cargo throughput at Indian ports. During this period, the annual growth of 19.4% in Cargo handled at non-major ports was more than double the growth in cargo traffic at major ports of 7.7%. However, due to recession in the world economy, the growth in cargo handled by major and non-major port declined to 2.2% and 3.3% respectively during 2008-09.

6. SHARE OF MARITIME STATES IN TOTAL CARGO TRAFFIC

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

Table 4 : State-wise Cargo Traffic at Indian Ports during 2008-09 (Million Tonnes)

Name of the State	Major Ports	Non-Major Ports	Total
1. Gujarat	72.22 (13.61)	182.81 (71.67)	255.03 (30.25)
2. Maharashtra	109.18 (20.57)	10.42 (4.89)	119.60 (18.07)
3. Goa	41.88 (7.85)	11.80 (5.58)	53.68 (7.20)
4. Karnataka	36.69 (6.91)	4.97 (2.33)	41.66 (5.60)
5. Kerala	15.49 (2.92)	0.13 (0.06)	15.62 (2.10)
6. Tamil Nadu	91.00 (17.14)	0.90 (0.42)	91.90 (12.35)
7. Andhra Pradesh	63.91 (12.04)	29.72 (13.84)	93.63 (12.58)
8. Orissa	46.41 (8.74)	0.30 (0.14)	46.71 (6.28)
9. West Bengal	54.22 (10.21)	-	54.22 (7.29)
10. Others(a)	-	2.07 (0.97)	2.07 (0.28)
TOTAL	530.80 (100.00)	213.22 (100.00)	744.02 (100.00)

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

Amongst the States, Gujarat has emerged as the premier maritime State in terms of port traffic and accounted for more than 30 % of the total cargo handled at Indian ports. It is also noteworthy that more than 70% 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 16.1%, 12.8% and 12.4% respectively in India's total seaborne traffic.

Composition of Cargo throughput at Major Ports

5.2 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						Total
	POL & products	Iron Ore	Cement & clinker	Coal	Fertiliser & FRM	Others	
2001-02	155.82 (0.68)	53.42 (9.06)	10.95 (11.85)	60.15 (-6.18)	17.03 (4.35)	95.73 (15.03)	383.10 (3.96)
2002-03	165.43 (6.17)	63.56 (18.98)	12.18 (11.23)	64.13 (6.62)	16.11 (-5.40)	100.44 (17.16)	421.85 (10.11)
2003-04	182.26 (10.17)	76.19 (19.87)	13.89 (14.04)	64.75 (10.97)	15.09 (-6.33)	111.48 (10.99)	463.66 (9.91)
2004-05	194.21 (6.56)	97.60 (28.10)	14.97 (7.78)	74.17 (14.55)	18.43 (22.13)	121.34 (8.84)	520.72 (12.31)
2005-06	211.81 (9.06)	108.06 (10.72)	14.47 (-3.34)	82.40 (11.10)	22.91 (24.31)	134.04 (10.47)	573.69 (10.17)
2006-07	227.08 (7.21)	114.58 (6.03)	16.39 (13.27)	78.64 (-4.55)	25.88 (12.96)	186.12 (38.85)	648.70 (13.08)
2007-08	257.93 (13.59)	123.05 (7.39)	17.99 (9.76)	83.58 (6.28)	25.01 (-3.36)	218.13 (17.20)	725.69 (11.87)
2008-09	272.02 (5.46)	128.53 (4.45)	14.66 (-18.51)	98.39 (17.72)	26.85 (7.36)	203.57 (-6.67)	744.02 (2.53)

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

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 38.6% of the total seaborne traffic followed by Iron Ore (17.3%), Coal (13.2%) and Fertiliser & Fertiliser Raw Material (3.6%) in 2008-09.

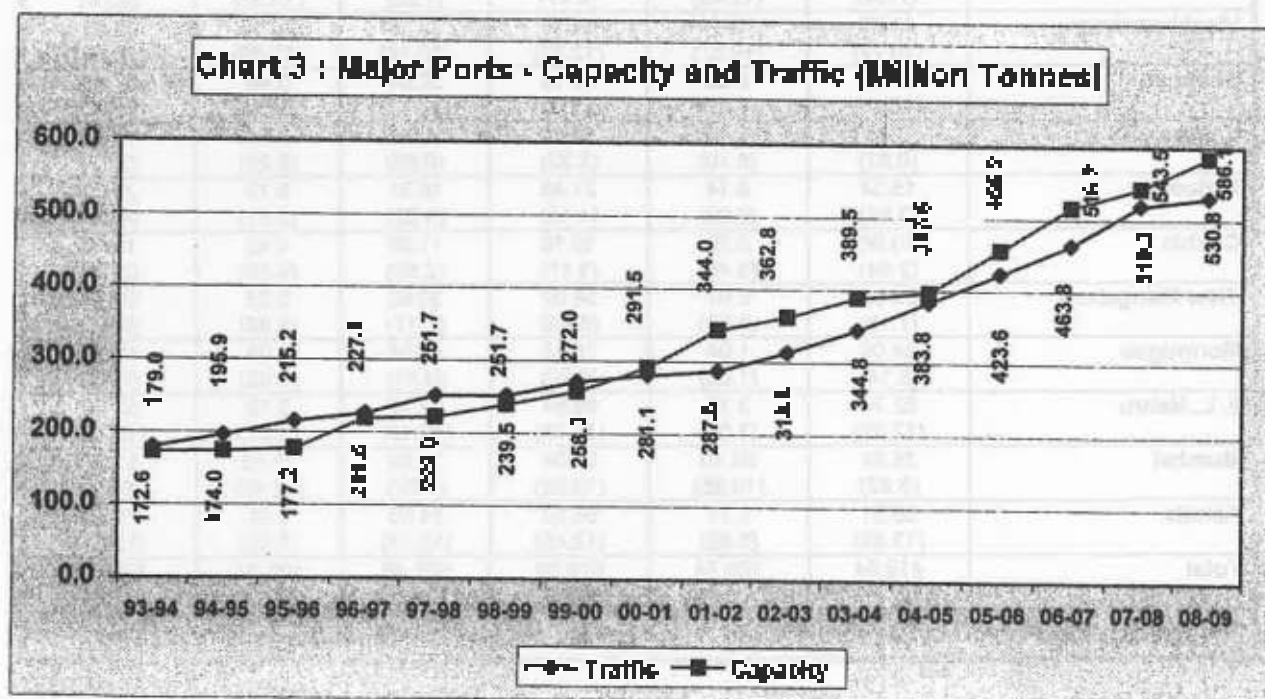
C. PERFORMANCE OF MAJOR PORTS

6. CARGO TRAFFIC HANDLED

6.1 The twelve major ports in India handled about 71% of the maritime cargo traffic of the country in 2008-09. Traffic handled at the major ports has been increasing over the years in tandem with the robust economic activity and volume of trade turnover. The total traffic handled by the major ports has recorded nearly three fold increase from 179.02 million tonnes in 1993-94 to 530.8 million tonnes in 2008-09 (Chart 3).

6.2 Cargo handling capacity at major ports has also risen with traffic. The capacity which was placed at 172.59 million tonnes at the end of 1993-94 has increased to a level of around 586 million tonnes at the end of 2008-09.

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 104 % in 1993-94, remained above 100% thereafter till 1999-2000. In subsequent years, capacity utilization has been 96.6%, 83.6%, 86.4%, 86.5%, 86.5%, 92.9%, 88.8%, 85.56% and 90.6% in 2000-01, 2001-02, 2002-03, 2003-04, 2004-05, 2005-06, 2006-07, 2007-08 and 2008-09 respectively at major ports.



6.4 The overseas and coastal cargo handled during 2008-09 by major ports was of the order of 427.46 million tonnes and 103.34 million tonnes respectively. The growth in overseas cargo traffic was 2.4% in 2008-09 compared with an increase of 13.6% in 2007-08. Coastal cargo traffic growth which was 5.7% in 2007-08 decelerated to 2.9% in 2008-09.

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

7.1 The Cargo traffic in terms of coastal and overseas categories at Major Ports in 2008-09 is given in Table 8. Amongst the major ports, Kandla Port accounted for the highest share of 13.6% in the total cargo traffic at all major ports during 2008-09 followed by Visakhapatnam, Chennai, J. L. Nehru and Mumbai Port. The cargo traffic at Mormugao Port was overwhelmingly outward oriented with overseas cargo accounting for a share of more than 97 % in the total cargo handled at the port.

Table 8 : Major Portwise share of cargo handled (Million Tonnes)

PORT	2007-08			2008-09		
	Overseas	Coastal	Total	Overseas	Coastal	Total
Kolkata Dock system	12.65 (3.02)	1.09 (1.08)	13.74 (2.64)	11.58 (2.71)	0.85 (0.82)	12.43 (2.34)
Haldia Dock complex	38.27 (9.13)	5.31 (5.28)	43.59 (8.39)	35.61 (8.33)	8.19 (5.99)	41.79 (7.87)
Paradip	29.90 (7.14)	12.54 (12.45)	42.44 (8.17)	39.85 (7.88)	12.75 (12.34)	46.41 (8.74)
Visakhapatnam	44.89 (10.72)	19.71 (19.57)	64.60 (12.43)	43.36 (10.14)	20.55 (19.89)	63.81 (12.04)
Chennai	51.90 (12.39)	5.28 (5.22)	57.16 (11.00)	52.01 (12.17)	5.48 (5.30)	57.49 (10.83)
Ennore	3.40 (0.81)	8.16 (8.10)	11.56 (2.22)	2.96 (0.69)	8.54 (8.26)	11.50 (2.17)
Tuticorin	15.34 (3.66)	6.14 (6.09)	21.48 (4.13)	16.31 (3.82)	5.70 (5.51)	22.01 (4.15)
Cochin	10.66 (2.54)	5.50 (5.46)	16.16 (3.11)	11.09 (2.59)	4.40 (4.26)	15.49 (2.92)
Mrs Mangalore	29.95 (7.15)	6.07 (6.03)	36.02 (6.93)	30.63 (7.17)	6.06 (5.86)	36.69 (6.91)
Mormugao	34.09 (8.14)	1.04 (1.03)	35.13 (6.76)	40.65 (9.51)	1.03 (1.00)	41.68 (7.85)
J. L. Nehru	52.74 (12.59)	3.10 (3.08)	55.84 (10.75)	52.12 (12.19)	3.18 (5.01)	57.30 (10.79)
Mumbai	36.94 (8.82)	20.10 (19.95)	57.04 (10.98)	32.80 (7.67)	19.08 (18.46)	51.88 (9.77)
Kandla	58.21 (13.89)	6.71 (6.66)	64.92 (12.49)	64.68 (15.13)	7.55 (7.30)	72.22 (13.61)
Total	418.94 (100.00)	100.74 (100.00)	519.68 (100.00)	427.46 (100.00)	103.34 (100.00)	530.80 (100.00)

The figures in parenthesis indicate percentage to total traffic in respective traffic categories at major ports

7.2 Port-wise analysis of the traffic growth indicates that Mormugao Port recorded the highest year on year growth of 18.7% during 2008-09 followed by Kandla (11.3%), Paradip (9.4%), Mumbai (2.6%), Tuticorin (2.5%), New Mangalore Port (1.8%), and Ennore (0.8%). Other major ports recorded negative growth during 2008-09.

8. COMMODITY-WISE TRAFFIC

8.1 Commodity-wise break-up of traffic handled at the major ports in India during 2002-03 through 2008-09 is given in Table 7.

Table 7: Commodity-wise Cargo Traffic Handled at Major Ports (Million Tonnes)								
Year	POL (Crude & Bunkers)	Fertiliser	Fertiliser Raw Material	Iron Ore	Coal	Food- grains	Others	Total
2002-03	108.57 (6.05)	2.88 (-17.50)	10.29 (-1.88)	80.35 (10.47)	63.04 (2.49)	9.54 (118.14)	78.88 (13.39)	313.86 (8.03)
2003-04	122.15 (11.48)	2.86 (-0.90)	8.94 (-13.07)	58.85 (16.41)	64.90 (3.50)	6.84 (-19.90)	90.25 (14.71)	344.80 (8.87)
2004-05	125.44 (3.60)	2.85 (-34.71)	10.87 (19.34)	76.20 (29.48)	60.66 (10.46)	3.84 (-43.88)	102.11 (13.14)	363.76 (11.90)
2005-06	142.09 (12.98)	6.62 (72.23)	10.88 (0.05)	79.22 (3.66)	88.82 (19.40)	2.13 (-44.42)	114.00 (11.64)	423.57 (10.37)
2006-07	146.88 (2.65)	7.83 (19.70)	11.14 (4.34)	80.88 (1.73)	64.53 (-8.08)	4.93 (181.13)	148.69 (30.43)	463.75 (9.45)
2007-08	157.44 (14.78)	11.87 (48.16)	9.41 (-42.50)	92.30 (14.54)	88.67 (18.24)	2.89 (-39.35)	180.85 (14.10)	519.31 (12.97)
2008-09	174.20 (4.04)	12.17 (2.80)	5.11 (-4.57)	82.67 (10.40)	76.93 (-12.93)	2.40 (-19.70)	165.32 (-1.85)	600.20 (2.21)

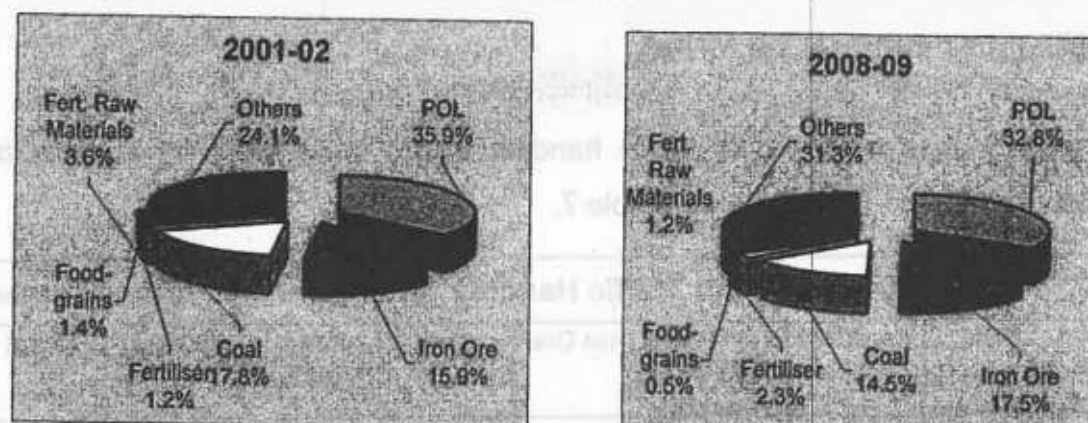
Note: Figures in parenthesis indicate growth rate over the previous year.

Highest year-on-year growth in traffic during 2008-09, among the principal commodities, is seen in the case of Coal (12%) followed by POL (4%) and Iron ore (2.5%). Traffic growth in other commodities (excluding the major six categories) declined by 2% in 2008-09. Traffic in Food grains and Fertiliser Raw Material decreased by 19.7% and 4.7% respectively.

8.2 In respect of the traffic at Major ports, it is also observed that more than 95% of the traffic handled during 2008-09 was accounted by four commodities viz. POL &

Products (32.8%), others including container (31.3%). Iron Ore (17.5%) and Coal (14.5%) .

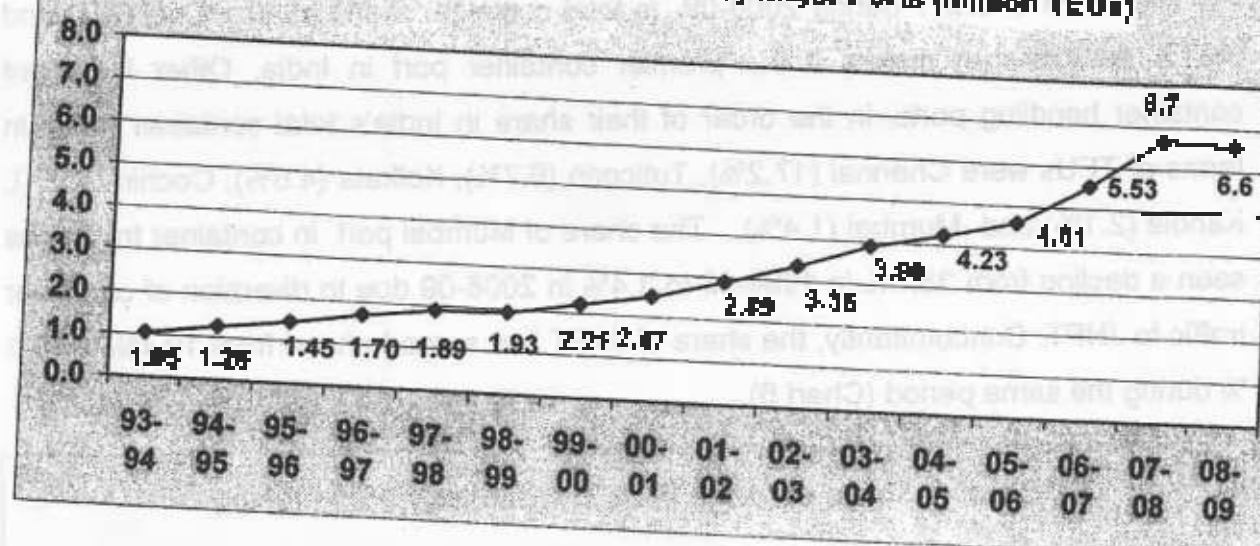
Chart 4: Commodity Composition of Traffic Handled - Major Ports



9. CONTAINER TRAFFIC

B.1 Containerisation started in India in 1973 in a limited way with the creation of interim container handling facilities at Mumbai and Cochin Ports. Since then, container traffic has steadily increased over the years, in tune with the increasing use of containers in international trade. Container traffic has experienced more than six fold increase from 1.05 million Twenty Feet Equivalent Units (TEUs) (13.09 million tonnes) in 1993-94 to 6.6 million TEUs (93.4 million tonnes) in 2008-09. Over the same period non-containerised cargo grew from 166 million tonnes to 437.4 million tonnes i.e. more than two fold increase.

Chart 5 : Container Traffic Handled by Major Ports (Million TEUs)



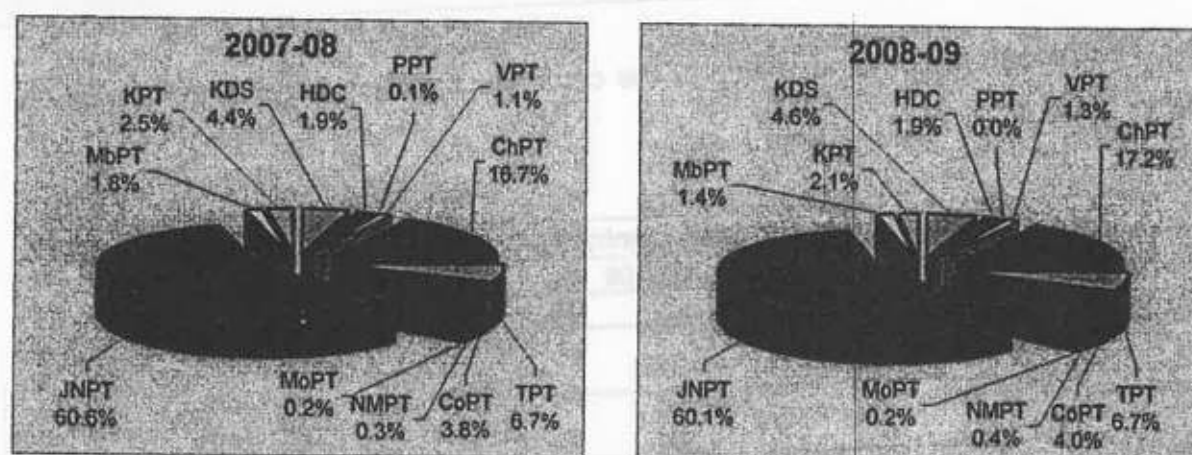
9.2 The growth in container traffic at the container handling ports of the country is given in Table 6.

Table 6 : Major Port-wise Container Traffic Handled (In TEUs)

Name of the Port	2007-08		2008-09	
	000' Tonnes	TEUs	000' Tonnes	TEUs
Kolkata Dock System	5139	297	5476	302
Haldia Dock Complex	2397	128	2373	127
Paradip	58	4	34	2
Visakhapatnam	1133	71	1351	88
Chennai	18050	1122	20581	1134
Tuticorin	5630	430	5482	439
Cochin	3183	254	3522	261
New Mangalore	318	21	404	29
Mormugao	165	14	178	14
J. L. Nehru	51823	4060	50602	3953
Mumbai	1632	118	1291	92
Kandla	2818	185	2136	137
ALL PORTS	92247	6704	93440	6578

9.3 The share of JNPT during 2008-09 in total container traffic at 60.1% (TEUs) and 54.1% (in tonnage) makes it the premier container port in India. Other important container handling ports, in the order of their share in India's total container traffic in terms of TEUs were Chennai (17.2%), Tuticorin (6.7%), Kolkata (4.6%), Cochin (4.0%), Kandla (2.1%) and Mumbai (1.4%). The share of Mumbai port in container traffic has seen a decline from 38.7% in 1994-95 to 1.4% in 2008-09 due to diversion of container traffic to JNPT. Concomitantly, the share of JNPT has surged ahead from 19.4% to 60.1 % during the same period (Chart 6).

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



JNPT: Jawaharlar 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 172.56 million tonnes at the end of 1993-94 increased to a level of 588.07 million tonnes at the end of 2008-09. The port-wise capacity and traffic for 2008-09 is brought out in Table 9.

Table 9 : Major Port-wise Capacity Utilization During 2008-09 (Million Tonnes)			
Name of the Port	Capacity	Traffic	Capacity Utilisation(%)
Kolkata Dock System	20.28	12.43	61.35
Haldia Dock Complex	48.70	41.79	85.88
Paradip	11.00	48.41	85.37
Visakhapatnam	62.23	63.91	102.70
Ennore	16.00	11.30	71.88
Chennai	55.75	67.49	103.12
Tuticorin	22.81	22.01	96.49
Cochin	28.37	15.49	54.60
New Mangalore	44.20	39.69	89.81
Mormugao	33.05	41.88	126.11
J. L. Nehru	57.82	57.30	98.88
Mumbai	48.70	51.38	104.39
Kandla	78.04	72.22	92.54
ALL PORTS	588.07	530.80	90.57

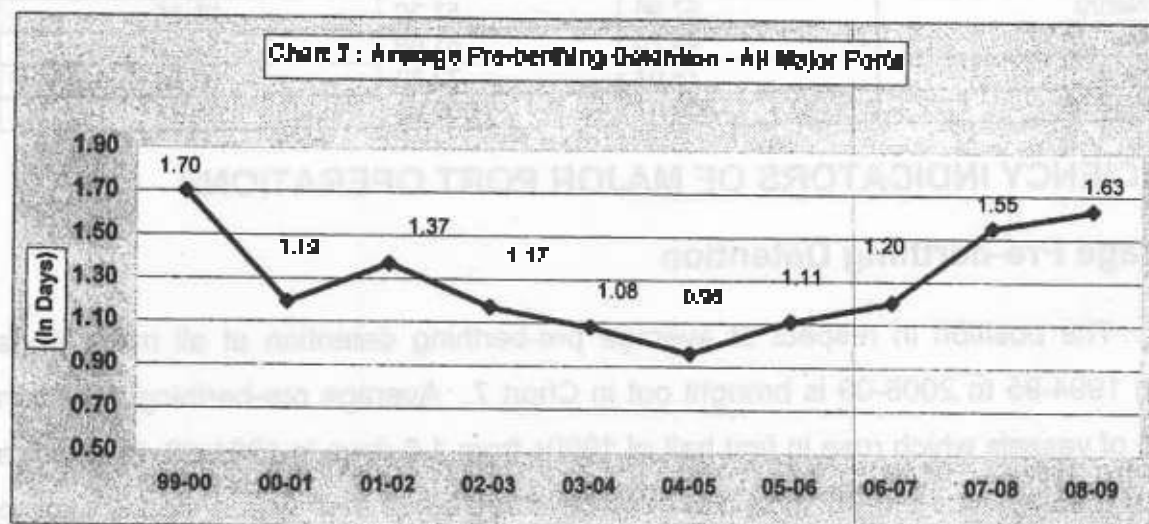
EFFICIENCY INDICATORS OF MAJOR PORT OPERATIONS

Average Pre-berthing Detention

10.2 The position in respect of average pre-berthing detention at all major ports during 1984-85 to 2008-09 is brought out in Chart 7. Average pre-berthing detention (PBD) of vessels which rose in first half of 1990s from 1.8 days in 1981-82 touched a high of 3.6 days in 1985-86. 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 2008-09, the average PBD of vessels increased to 1.63 days compared to 1.55 days in 2007-08. During 2008-09, ports at Paradip, Ennore, Chennai, Tuticorin, Mormugao and Kandla experienced drop in pre-berthing detention of vessels.

Table 10 : Average Pre-berthing Detention at Major Ports during 2007-08 & 2008-09			
Name of the Port	Average Pre-Berthing Detention (in Days)		
	2007-08	2008-09	% change
Kolkata Dock System	0.56	0.66	16.21
Haldia Dock Complex	2.86	3.38	18.11
Paradip	2.97	2.32	(-)22.02
Visakhapatnam	1.10	1.28	16.36
Ennore	0.30	0.27	(-)10.50
Chennai	1.56	1.39	(-)10.74
Tuticorin	1.24	1.09	(-)12.47
Cochin	0.60	0.70	16.18
New Mangalore	0.63	0.65	2.35
Mormugao	2.21	1.77	(-)19.83
J. L. Nehru	0.83	0.95	15.20
Mumbai	0.96	1.41	46.03
Kandla	2.64	2.62	(-)0.86
ALL PORTS (Average)	1.55	1.63	5.24

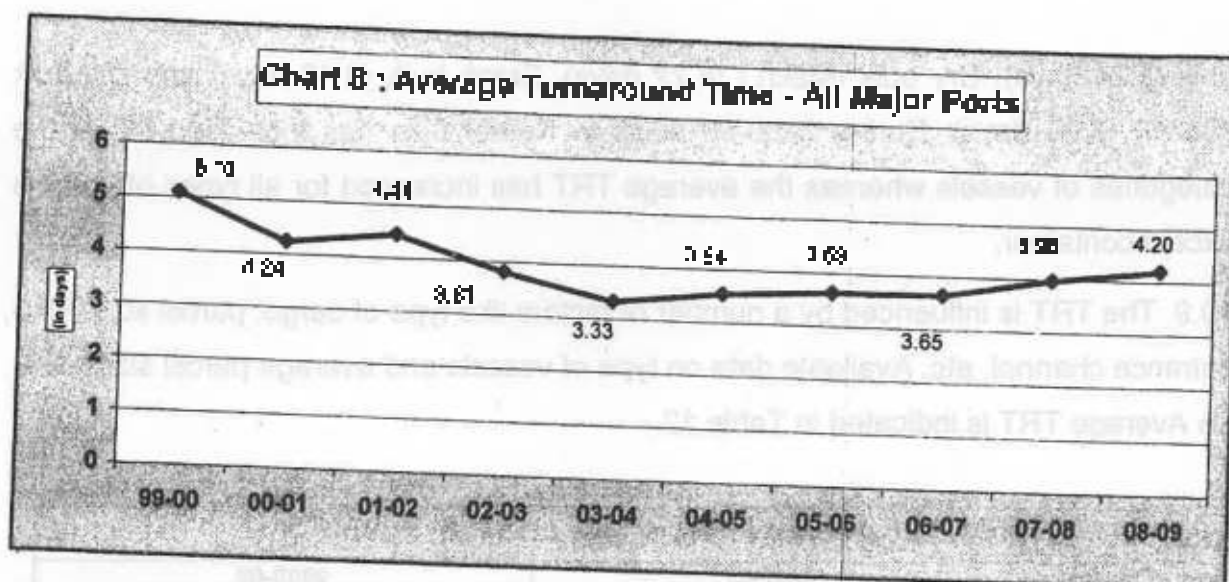
10.3 Average PBD depends on variety of factors attributable to port account and non-port account. The increase in PBD in 2008-09 to 1.63 day as compared to 1.55 days in 2007-08 was due to a combination of port and non port factors. The PBD on non- port account increased from 1.09 day in 2007-08 to 1.24 days in 2008-09, where as on port account it declined by 0.07 day.



10.4 Data on PBD for the different type of vessels indicate that in 2008-09, the average PBD was the least (0.86 day) in the case of container vessels followed by liquid bulk vessels (1.49 days). Break bulk (1.91 day), dry bulk (mechanical) (2.37 days) and dry bulk (conventional) (2.58 days).

Average Turn-Round Time

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



10.6 The average TRT in respect of Kolkata Dock System, Haldia Dock Complex, Paradip, Chennai, Tuticorin, Cochin, New Mangalore and Mormugao had shown improvement in 2008-09 whereas in all other cases it has edged up as seen in Table 11.

Table 11 : Average Turn Round Time of Ships at Major Ports during 2007-08 & 2008-09

Name of the Port	Average Turn Round Time (in Days)		
	2007-08	2008-09	% change
Kolkata Dock System	5.48	5.10	(-)6.62
Haldia Dock Complex	4.26	4.21	(-)1.07
Paradip	5.54	4.78	(-)13.80
Visakhapatnam	3.91	3.93	0.51
Ennore	2.08	2.35	12.79
Chennai	4.55	4.15	(-)8.80
Tuticorin	3.85	3.64	(-)5.48
Cochin	1.94	2.14	10.05
New Mangalore	3.21	3.00	(-)6.34
Mormugao	6.24	5.85	(-)4.67
J. L. Nehru	1.80	1.90	5.88
Mumbai	4.07	4.95	21.8
Kandla	5.13	7.26	41.43
ALL PORTS (Average)	3.98	4.20	5.47

10.7 At Port level, ports other than Kandla, Mumbai, Mormugao, Paradip, Haldia Dock Complex and Kolkata Dock System recorded average TRT less than the average for all major ports at 4.2 days. The minimum was at J.L. Nehru (1.9 days) which is mainly in container handling port to a maximum (5.85 days) at Mormugao.

10.8 Data on TRT for different types of vessels (Table:12) indicate that in 2008-09, the average TRT was least in case of Container vessels (1.92 days) followed by Liquid

bulk (3.24 days), Dry bulk (Mech.) (4.22 days), Break bulk (8.48 days) and Dry bulk (Conv.) (8.96 days). During 2008-09 average Parcel Size has increased for all the categories of vessels whereas the average TRT has increased for all types of vessels except container.

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	2007-08		2008-09	
	Average Parcel Size (Tonnes)	Average TRT (Days)	Average Parcel Size (Tonnes)	Average TRT (Days)
Dry Bulk (Mech.)	47694	4.18	56372	4.22
Dry Bulk (Conv.)	28373	6.81	28404	8.96
Liquid Bulk	26857	2.85	29034	3.24
Break Bulk	9343	8.48	8943	8.48
Container	15539	2.00	12375	1.92
All Types	22706	3.88	23640	4.20

Average Output per Ship Berth day

10.10 The average output per ship berthday has more than doubled from 3942 tonnes in 1991-92 to 8698 tonnes in 2008-09. The average output per ship berthday for 2007-08 and 2008-09 in respect of major ports is given in Table 13.

Table 13 : Average Output Per Ship berthday of Major Ports during 2007-08 & 2008-09			
Name of the Port	Average Output Per Ship berthday (in Tonnes)		
	2007-08	2008-08	% change
Kolkata Dock System	3193	3027	(-5.20)
Haldia Dock Complex	6053	7732	(+27.43)
Paradip	11181	12635	(+13.00)
Vishakhapatnam	10613	11171	5.26
Ennore	35280	28424	(-19.39)
Chennai	10032	10779	7.44
Tuticorin	5474	5817	6.27
Cochin	10881	10298	(-5.35)
New Mangalore	12984	12545	7.75
Mormugao	10332	8293	(-19.72)
J. L. Nehru	18488	20344	10.03
Mumbai	4518	6717	26.61
Kandla	11216	13107	16.86
ALL PORTS (Average)	9440	8698	2.43

10.11 As compared to 2007-08, the increase in the average output per ship berthday (all major ports) in 2008-09 was of the order of 2.3%. Ports at Paradip, Visakhapatnam, Chennai, Tuticorin, New Mangalore, Mumbai, J.L. Nehru and Kandla showed improvement in output per ship berthday in 2008-09. An important determinant of output per ship-berth-day is the composition of traffic at the Port. The highest average output per ship berthday during 2008-09 was in the case of Ennore Port, whose traffic was mainly confined to a single Dry Bulk item (Coal) handled mechanically followed by Jawahar Lal Nehru Port which mainly handles Container traffic. Mormugao, New Mangalore, Paradip 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 2008-09 at major ports reflects increase over the previous year except in case of Dry Bulk (Mechanical) 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)		
	2007-08	2008-09	%change
Dry Bulk (Mech.)	2067	18104	(-19.74)
Dry Bulk (Conv.)	6054	5818	1.94
Liquid Bulk	17084	17430	2.32
Break Bulk	1488	1647	10.69
Container	13776	15223	10.60
All Types	8440	9559	2.43

D.PERFORMANCE OF NON-MAJOR PORTS

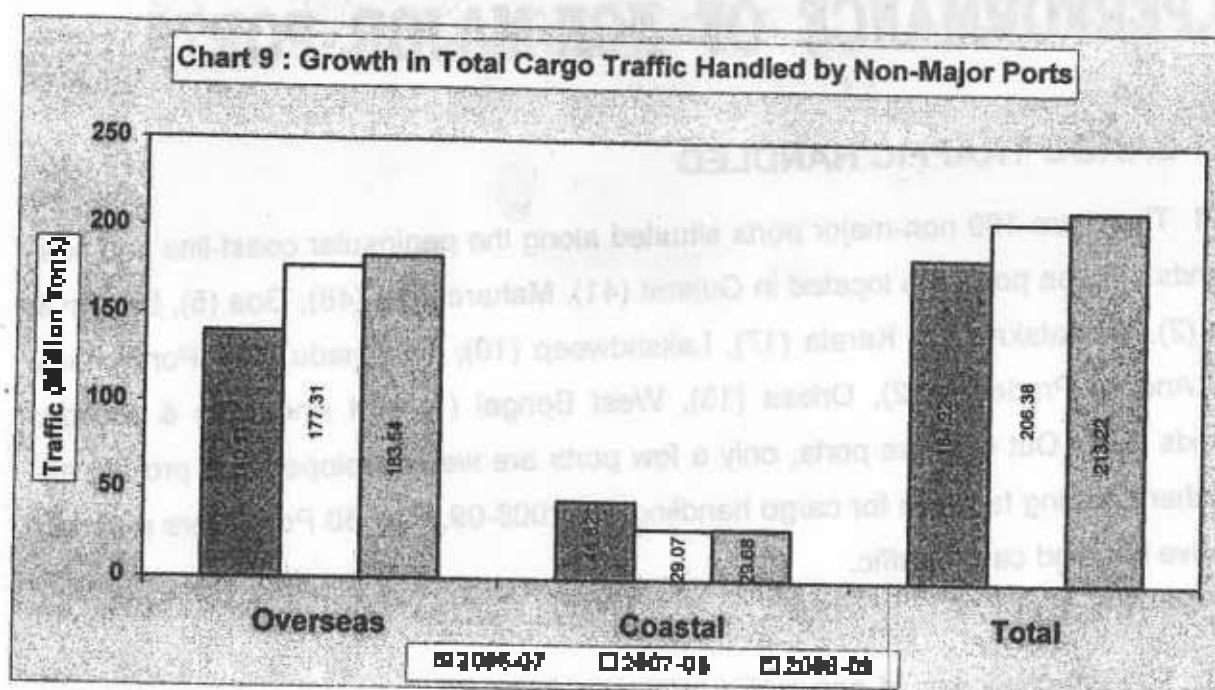
11. CARGO TRAFFIC HANDLED

11.1 There are 189 non-major ports situated along the peninsular coast-line and sea-islands. These ports are located in Gujarat (41), Maharashtra (48), Goa (5), Daman & Diu (2), Karnataka (10), Kerala (17), Lakshadweep (10), Tamilnadu (15), Pondicherry (2), Andhra Pradesh (12), Orissa (13), West Bengal (1) and Andaman & Nicobar Islands (23). Out of these ports, only a few ports are well developed and provide all-weather berthing facilities for cargo handling. In 2008-09, only 60 Ports were reported to have handled cargo traffic.

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

11.3 Non-major ports in India collectively handled 213.22 million tonnes of traffic during the year 2008-09 compared with 206.39 million tonnes of cargo handled in 2007-08 (Chart-8). The year-on-year growth in traffic in 2008-09 was 3.3% as compared to 11.8% in 2007-08. At a disaggregated level, the overseas cargo traffic increased by 3.5% in 2008-09 compared to an increase of 26.6 % recorded in 2007-08. Coastal cargo traffic increased by 2.1% in 2008-09 compared to a decrease of 35.1% in 2007-08. Overseas traffic (183.6 million tonnes) Comprised 86.1% of the total traffic handled at non-major ports during the year.

Year	Coastal	Overseas	Total	Year	Coastal	Overseas	Total
2008-09	129.62	183.60	313.22	2007-08	129.62	183.60	313.22
2007-08	129.62	183.60	313.22	2006-07	129.62	183.60	313.22
2006-07	129.62	183.60	313.22	2005-06	129.62	183.60	313.22
2005-06	129.62	183.60	313.22	2004-05	129.62	183.60	313.22
2004-05	129.62	183.60	313.22	2003-04	129.62	183.60	313.22
2003-04	129.62	183.60	313.22	2002-03	129.62	183.60	313.22
2002-03	129.62	183.60	313.22	2001-02	129.62	183.60	313.22
2001-02	129.62	183.60	313.22	2000-01	129.62	183.60	313.22
2000-01	129.62	183.60	313.22	1999-00	129.62	183.60	313.22
1999-00	129.62	183.60	313.22	1998-99	129.62	183.60	313.22
1998-99	129.62	183.60	313.22	1997-98	129.62	183.60	313.22
1997-98	129.62	183.60	313.22	1996-97	129.62	183.60	313.22
1996-97	129.62	183.60	313.22	1995-96	129.62	183.60	313.22
1995-96	129.62	183.60	313.22	1994-95	129.62	183.60	313.22
1994-95	129.62	183.60	313.22	1993-94	129.62	183.60	313.22
1993-94	129.62	183.60	313.22	1992-93	129.62	183.60	313.22
1992-93	129.62	183.60	313.22	1991-92	129.62	183.60	313.22
1991-92	129.62	183.60	313.22	1990-91	129.62	183.60	313.22
1990-91	129.62	183.60	313.22	1989-90	129.62	183.60	313.22
1989-90	129.62	183.60	313.22	1988-89	129.62	183.60	313.22
1988-89	129.62	183.60	313.22	1987-88	129.62	183.60	313.22
1987-88	129.62	183.60	313.22	1986-87	129.62	183.60	313.22
1986-87	129.62	183.60	313.22	1985-86	129.62	183.60	313.22
1985-86	129.62	183.60	313.22	1984-85	129.62	183.60	313.22
1984-85	129.62	183.60	313.22	1983-84	129.62	183.60	313.22
1983-84	129.62	183.60	313.22	1982-83	129.62	183.60	313.22
1982-83	129.62	183.60	313.22	1981-82	129.62	183.60	313.22
1981-82	129.62	183.60	313.22	1980-81	129.62	183.60	313.22
1980-81	129.62	183.60	313.22	1979-80	129.62	183.60	313.22
1979-80	129.62	183.60	313.22	1978-79	129.62	183.60	313.22
1978-79	129.62	183.60	313.22	1977-78	129.62	183.60	313.22
1977-78	129.62	183.60	313.22	1976-77	129.62	183.60	313.22
1976-77	129.62	183.60	313.22	1975-76	129.62	183.60	313.22
1975-76	129.62	183.60	313.22	1974-75	129.62	183.60	313.22
1974-75	129.62	183.60	313.22	1973-74	129.62	183.60	313.22
1973-74	129.62	183.60	313.22	1972-73	129.62	183.60	313.22
1972-73	129.62	183.60	313.22	1971-72	129.62	183.60	313.22
1971-72	129.62	183.60	313.22	1970-71	129.62	183.60	313.22
1970-71	129.62	183.60	313.22	1969-70	129.62	183.60	313.22
1969-70	129.62	183.60	313.22	1968-69	129.62	183.60	313.22
1968-69	129.62	183.60	313.22	1967-68	129.62	183.60	313.22
1967-68	129.62	183.60	313.22	1966-67	129.62	183.60	313.22
1966-67	129.62	183.60	313.22	1965-66	129.62	183.60	313.22
1965-66	129.62	183.60	313.22	1964-65	129.62	183.60	313.22
1964-65	129.62	183.60	313.22	1963-64	129.62	183.60	313.22
1963-64	129.62	183.60	313.22	1962-63	129.62	183.60	313.22
1962-63	129.62	183.60	313.22	1961-62	129.62	183.60	313.22
1961-62	129.62	183.60	313.22	1960-61	129.62	183.60	313.22
1960-61	129.62	183.60	313.22	1959-60	129.62	183.60	313.22
1959-60	129.62	183.60	313.22	1958-59	129.62	183.60	313.22
1958-59	129.62	183.60	313.22	1957-58	129.62	183.60	313.22
1957-58	129.62	183.60	313.22	1956-57	129.62	183.60	313.22
1956-57	129.62	183.60	313.22	1955-56	129.62	183.60	313.22
1955-56	129.62	183.60	313.22	1954-55	129.62	183.60	313.22
1954-55	129.62	183.60	313.22	1953-54	129.62	183.60	313.22
1953-54	129.62	183.60	313.22	1952-53	129.62	183.60	313.22
1952-53	129.62	183.60	313.22	1951-52	129.62	183.60	313.22
1951-52	129.62	183.60	313.22	1950-51	129.62	183.60	313.22
1950-51	129.62	183.60	313.22	1949-50	129.62	183.60	313.22
1949-50	129.62	183.60	313.22	1948-49	129.62	183.60	313.22
1948-49	129.62	183.60	313.22	1947-48	129.62	183.60	313.22
1947-48	129.62	183.60	313.22	1946-47	129.62	183.60	313.22
1946-47	129.62	183.60	313.22	1945-46	129.62	183.60	313.22
1945-46	129.62	183.60	313.22	1944-45	129.62	183.60	313.22
1944-45	129.62	183.60	313.22	1943-44	129.62	183.60	313.22
1943-44	129.62	183.60	313.22	1942-43	129.62	183.60	313.22
1942-43	129.62	183.60	313.22	1941-42	129.62	183.60	313.22
1941-42	129.62	183.60	313.22	1940-41	129.62	183.60	313.22
1940-41	129.62	183.60	313.22	1939-40	129.62	183.60	313.22
1939-40	129.62	183.60	313.22	1938-39	129.62	183.60	313.22
1938-39	129.62	183.60	313.22	1937-38	129.62	183.60	313.22
1937-38	129.62	183.60	313.22	1936-37	129.62	183.60	313.22
1936-37	129.62	183.60	313.22	1935-36	129.62	183.60	313.22
1935-36	129.62	183.60	313.22	1934-35	129.62	183.60	313.22
1934-35	129.62	183.60	313.22	1933-34	129.62	183.60	313.22
1933-34	129.62	183.60	313.22	1932-33	129.62	183.60	313.22
1932-33	129.62	183.60	313.22	1931-32	129.62	183.60	313.22
1931-32	129.62	183.60	313.22	1930-31	129.62	183.60	313.22
1930-31	129.62	183.60	313.22	1929-30	129.62	183.60	313.22
1929-30	129.62	183.60	313.22	1928-29	129.62	183.60	313.22
1928-29	129.62	183.60	313.22	1927-28	129.62	183.60	313.22
1927-28	129.62	183.60	313.22	1926-27	129.62	183.60	313.22
1926-27	129.62	183.60	313.22	1925-26	129.62	183.60	313.22
1925-26	129.62	183.60	313.22	1924-25	129.62	183.60	313.22
1924-25	129.62	183.60	313.22	1923-24	129.62	183.60	313.22
1923-24	129.62	183.60	313.22	1922-23	129.62	183.60	313.22
1922-23	129.62	183.60	313.22	1921-22	129.62	183.60	313.22
1921-22	129.62	183.60	313.22	1920-21	129.62	183.60	313.22
1920-21	129.62	183.60	313.22	1919-20	129.62	183.60	313.22
1919-20	129.62	183.60	313.22	1918-19	129.62	183.60	313.22
1918-19	129.62	183.60	313.22	1917-18	129.62	183.60	313.22
1917-18	129.62	183.60	313.22	1916-17	129.62	183.60	313.22
1916-17	129.62	183.60	313.22	1915-16	129.62	183.60	313.22
1915-16	129.62	183.60	313.22	1914-15	129.62	183.60	313.22
1914-15	129.62	183.60	313.22	1913-14	129.62	183.60	313.22
1913-14	129.62	183.60	313.22	1912-13	129.62	183.60	313.22
1912-13	129.62	183.60	313.22	1911-12	129.62	183.60	313.22
1911-12	129.62	183.60	313.22	1910-11	129.62	183.60	313.22
1910-11	129.62	183.60	313.22	1909-10	129.62	183.60	313.22
1909-10	129.62	183.60	313.22	1908-09	129.62	183.60	313.22
1908-09	129.62	183.60	313.22	1907-08	129.62	183.60	313.22
1907-08	129.62	183.60	313.22	1906-07	129.62	183.60	313.22
1906-07	129.62	183.60	313.22	1905-06	129.62	183.60	313.22
1905-06	129.62	183.60	313.22	1904-05	129.62	183.60	313.22
1904-05	129.62	183.60	313.22	1903-04	129.62	183.60	313.22
1903-04	129.62	183.60	313.22	1902-03	129.62	183.60	313.22
1902-03	129.62	183.60	313.22	1901-02	129.62	183.60	313.22
1901-02	129.62	183.60	313.22	1900-01	129.62	183.60	313.22
1900-01	129.62	183.60	313.22	1899-00	129.62	183.60	313.22
1899-00	129.62	183.60	313.22	1898-99	129.62	183.60	313.22
1898-99	129.62	183.60	313.22	1897-98	129.62	183.60	313.22
1897-98	129.62	183.60	313.22	1896-97	129.62	183.60	313.22
1896-97	129.62	183.60	313.22	1895-96	129.62	183.60	313.22
1895-96	129.62	183.60	313.22	1894-95	129.62	183.60	313.22
1894-95	129.62	183.60	313.22	1893-94	129.62	183.60	313.22
1893-94	129.62	183.60	313.22	1892-93	129.62	183.60	313.22
1892-93	129.62	183.60	313.22	1891-92	129.62	183.60	313.22
1891-92	129.62	183.60	313.22	1890-91	129.62	183.60	313.22
1890-91	129.62	183.60	313.22	1889-90	129.62	183.60	313.22
1889-90	129.62	183.60	313.22	1888-89	129.62	183.60	313.22
1888-89	129.62	183.60	313.22	1887-88	129.62	183.60	313.22



Commodity Composition of Non-Major Port Traffic

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

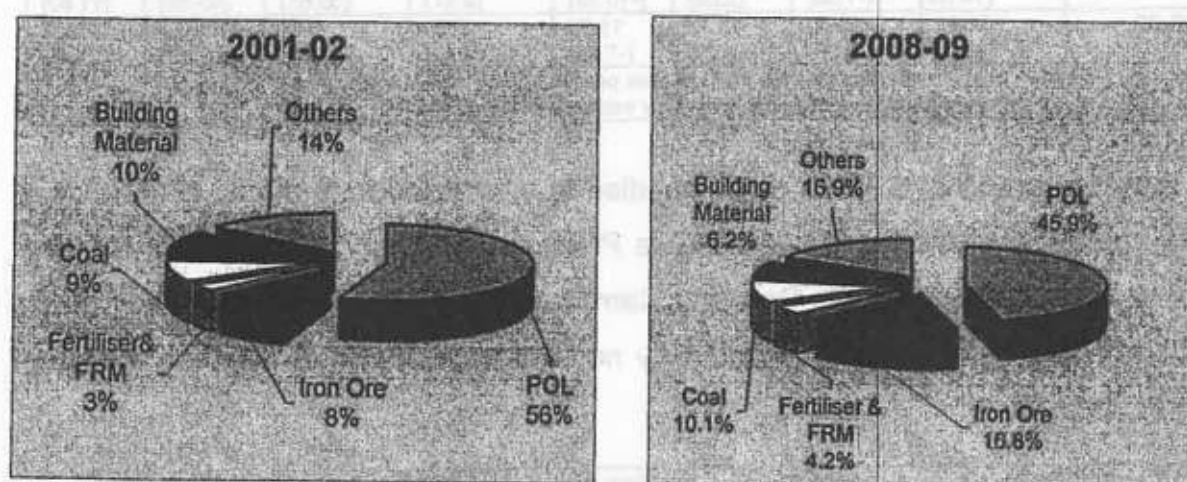
Table 15 : Commodity-wise Traffic Handled at Non-major Ports

Year	Traffic Handled (Million Tonnes)						
	POL & by Products	Iron Ore	Building Material	Coal	Fertiliser & FRM	Others	Total
2001-02	52.54 (25.00)	7.65 (8.01)	9.59 (10.00)	3.80 (9.52)	3.08 (3.21)	13.78 (14.42)	95.52 (100)
2002-03	55.88 (61.58)	13.00 (12.00)	11.18 (10.32)	11.09 (10.24)	2.98 (2.73)	14.22 (13.13)	108.35 (100)
2003-04	50.10 (50.56)	17.34 (14.54)	13.40 (11.27)	8.85 (8.29)	3.20 (2.77)	14.85 (12.52)	113.58 (100)
2004-05	67.77 (49.48)	21.40 (15.63)	14.13 (10.32)	13.52 (9.87)	3.81 (2.85)	16.23 (11.85)	136.96 (100)
2005-06	63.72 (46.44)	28.84 (19.21)	13.39 (8.92)	13.57 (9.04)	5.67 (3.74)	18.99 (12.65)	150.12 (100)
2006-07	81.50 (43.34)	33.97 (18.97)	14.39 (7.75)	14.02 (7.53)	8.82 (3.68)	34.82 (18.87)	184.02 (100)
2007-08	91.04 (44.11)	34.22 (16.58)	18.28 (7.88)	15.46 (7.49)	7.11 (3.44)	42.30 (20.50)	208.53 (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)

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

11.5 POL & its products (46.9%) was the single largest commodity handled at non major in 2008-09 and its share has ranged between 44% (in 2006-07 & 2007-08) to 55 % (in 2001-02). It is observed that during last three years, the relative shares of commodities in the cargo basket have not shown any pronounced shift. During 2008-09 the share of Iron Ore in the total traffic was 16.8% followed by Coal (10.1%) and Building Material (6.2%). This is brought out in the Chart 10 below:

Chart 10: Commodity -wise Traffic Handled at Non-major Ports



Maritime States – Non-Major Ports

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

Table 14 : Traffic Handled by Non-Major Ports – Maritime State-wise

Year	Traffic Handled (Million Tonnes)							
	Gujarat	Mahara- shtra	AP	Goa	Tamil Nadu	Karnataka	Others	Total
2001-02	79.54 (11.62)	4.96 (-17.88)	5.65 (16.74)	2.86 (-10.35)	0.54 (63.69)	0.75 (10.29)	1.22 (18.44)	95.52 (9.33)
2002-03	81.56 (2.54)	8.63 (73.99)	10.24 (81.24)	5.57 (94.75)	0.60 (11.11)	0.67 (-10.67)	1.03 (-15.57)	108.30 (13.38)
2003-04	87.33 (7.07)	10.33 (19.70)	10.02 (-2.15)	8.44 (51.53)	0.69 (15.00)	1.17 (74.63)	0.88 (-14.56)	118.86 (9.75)
2004-05	96.14 (10.09)	12.14 (17.52)	15.07 (50.40)	8.20 (-2.84)	0.85 (23.19)	3.51 (200.00)	1.05 (19.32)	136.96 (15.23)
2005-06	103.53 (7.69)	11.16 (-8.07)	17.67 (17.23)	11.76 (43.41)	0.71 (-16.47)	4.12 (17.38)	1.17 (11.43)	150.72 (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)

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 3.3% in cargo handled at non-major ports during 2008-09 was mainly driven by traffic growth in Andhra Pradesh and Gujarat. However, the non major ports in Maharashtra, Goa and Karnataka have witnessed decline in traffic handled. The share of traffic handled by non-major ports in the maritime states is given in Table 17.

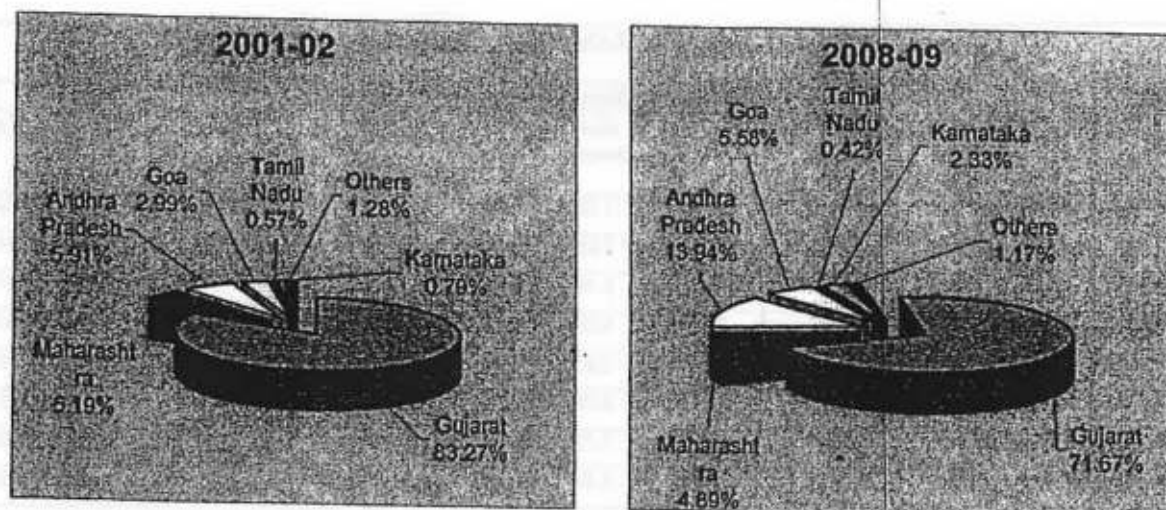
Table 17 : Share of Traffic Handled by Non-Major Ports – Maritime State-wise

Year	Traffic Handled (In Percentage)							
	Gujarat	Maharas- tra	AP	Goa	Tamil Nadu	Karnataka	Others	Total
2001-02	83.3	5.2	5.8	3.0	0.8	0.7	1.3	100.0
2002-03	75.3	8.0	9.6	5.1	0.5	0.6	1.0	100.0
2003-04	73.6	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	2.6	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	72.8	5.6	9.3	6.2	0.3	4.3	1.3	100.0
2008-09	71.7	4.9	13.9	5.8	0.4	2.3	1.2	100.0

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

11.7 Gujarat continues to be the leading maritime State, accounting for about 72% of the total non-major port cargo traffic in 2008-09. The other contributing States to the cargo traffic at non-major ports during 2008-09 were: Andhra Pradesh (13.9%), Goa (5.8%) and Maharashtra (4.9%). The remaining 3.9% of the cargo was handled by all the other maritime States/UTs. This is brought out in the Chart 11 below:

Chart 11: State-wise Share of Traffic Handled by Non-Major Ports



12. CARGO TRAFFIC HANDLED – STATE-WISE ANALYSIS

12.1 GUJARAT

12.1.1 Gujarat is India's principal maritime State with a natural coastline of about 1200 kms. (16% of India's total coastline). The State has 40 non-major ports which are under the jurisdiction of Gujarat Maritime Board (GMB) since April, 1982. Out of 40 non-major ports, traffic is handled through 17 non-major ports. The remaining 23 non-major ports are used for fishing activities and have traffic only of small volume.

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

12.1.3 The total cargo traffic handled at the non-major ports of Gujarat during 2008-09 was of the order of 152.81 million tonnes as against 150.62 million tonnes in 2007-08, reflecting an increase of 1.6%. Non-major ports of Gujarat account for close to 72% of the total cargo handled by non-major ports in India. Overseas traffic in 2008-09 was 134.43 million tonnes with the remaining 18.38 million tonnes being coastal traffic. The

traffic handled at important non-major ports of Gujarat during the past few years is brought out in the Table 18

Table 18 : Gujarat : Traffic Achieved at Select Non-Major Ports										
Year	Traffic Handled (Million Tonnes)									
	Sikka	Magdalla	Jambhad	Bedi	Muldwarka	GAPL	Dahaj	Hypagar (inc GAPL)	Others	Total
2001-02	47.38	8.89	7.64	2.37	9.50	9.47	3.45	1.67	4.87	78.64
2002-03	48.57	9.83	4.10	2.83	3.66	4.14	8.87	4.04	6.47	81.56
2003-04	49.87	10.81	4.62	2.95	1.73	4.69	9.15	1.33	6.10	87.93
2004-05	61.51	11.04	4.80	3.24	2.09	5.04	8.62	2.07	8.89	95.14
2005-06	62.18	13.32	4.89	4.44	3.82	8.16	8.84	2.01	8.37	103.93
2006-07	69.26	14.27	5.90	4.16	4.02	12.73	10.09	3.68	2.54	131.27
2007-08	81.86	14.17	3.89	6.30	3.79	15.25	11.44	1.23	23.75	153.52
2008-09	85.28	14.05	4.81	2.00	9.43	35.62	11.00	3.71	13.31	162.81

12.1.4 Sikka Port handled the highest cargo tonnage of 65.28 million tonnes in 2008-09 up from 61.98 million tonnes handled in 2007-08. This port accounted for 42.7% of the total cargo handled by the non-major ports in Gujarat in 2008-09, and has witnessed increase in the cargo traffic ever since the commissioning of Reliance Jamnagar maritime terminal facility. More than 95% of the traffic handled at the port relates to POL & its products

12.1.5 Gujarat Adani Port Ltd. (GAPL) handled 35.62 million tonnes of cargo in 2008-09. Main commodities handled by GAPL port are POL & its products, Coal and Fertiliser & FRM. GAPL handled container cargo of 9.85 million tonnes in 2008-09.

12.1.6 Magdalla accounted for 14.05 million tonnes or 9.2% of the cargo traffic in 2008-09. Major commodities handled by the port are Iron ore, POL & its product, and Coal.

12.1.7 The Dahaj Port handled 11.0 million tonnes of cargo 2008-09.. The other important port which have shown decrease in the cargo handled during 2008-09 as compared to cargo traffic handled in 2007-08 were Bedi, Jambhad, Muldwarka & Magdalla.

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

Table 19 : Commodity-wise Traffic Handled at Gujarat Non-Major Ports							
Year	Traffic Handled (Million Tonnes)						
	POL & Products	Coal	Building Materials	Fertilizer & FIM	Iron Ore	Others	Total
2001-02	48.50	7.83	7.99	1.88	3.05	10.14	79.54
2002-03	45.85	8.78	9.84	1.89	3.44	10.93	81.58
2003-04	52.54	8.50	11.23	1.97	4.23	10.86	87.33
2004-05	56.48	9.93	11.51	2.24	4.06	11.83	96.14
2005-06	60.15	10.54	11.00	3.64	5.15	13.01	103.53
2006-07	71.16	11.31	11.23	4.21	5.71	27.85	131.27
2007-08	80.48	13.31	12.43	4.36	6.08	32.86	150.52
2008-09	87.38	15.46	9.59	5.09	5.80	28.38	152.81

POL & products accounted for 57.2% of the total cargo handled in 2008-09. This is followed by Coal (10.8%), Building Materials(6.3%), and Iron Ore (3.8%).

12.2 ANDHRA PRADESH

12.2.1 Andhra Pradesh is an another important maritime State with a coast line of around 975 Kms. There are 12 non-major ports in Andhra Pradesh, of these, 3 ports normally handle cargo traffic. The State has contributed 8.3% in the total traffic handled by all non-major ports in the country during 2007-08.

12.2.2 Non-major ports in Andhra Pradesh collectively handled 28.72 million tonnes of cargo during 2008-09 as compared to 19.29 million tonnes in 2007-08 thus registering a growth of 54% in traffic. The increase in traffic was due to start of operations by two new ports at Krishnapatnam (8.21 million tonnes) and Gangevaram (2.63 million tonnes) and rise in traffic handled at Kakinda Deep Water Port handled 14.61 million tonnes during 2008-09 compared with 12.84 million tonnes handled in 2007-08. The overseas traffic during 2008-09 was 26.57 million tonnes which formed 89% of the total cargo traffic in non major ports of Andhra Pradesh with coastal traffic more 3.15

million tonnes. The Table 20 gives the port wise details of the cargo handled at non-major ports in Andhra Pradesh during 2008-09 as well for the previous years.

Table 20 : Traffic Achieved at Select Non-Major Ports – Andhra Pradesh						
Year	Traffic Handled (Million Tonnes) – Port Wise					
	Rajahmundry	Kakinada Anchorage	Kakinada Deep Water Port	Gangavaram	Krishnapatnam	Total
2001-02	2.68	0.82	2.15	-	-	5.65
2002-03	2.68	2.39	5.18	-	-	10.24
2003-04	3.14	1.32	6.56	-	-	10.02
2004-05	2.84	1.78	10.47	-	-	15.07
2005-06	2.88	2.83	12.18	-	-	17.87
2006-07*	2.65	3.78	12.18	-	-	18.61
2007-08	2.63	4.02	12.64	-	-	19.29
2008-09	2.18	2.18	14.61	2.63	8.21	29.72
* Includes Others (0.34 million tonnes)						

12.2.3 PCL & its products and Iron ore were the principal item of cargo handled (accounting for 31.8% each of the total cargo handled), followed by coal (11.8%) and Fertilizers and FRM (10.8%) (Table 21).

Table 21 : Commodity-wise Cargo Traffic at Non-Major Ports – Andhra Pradesh						
Year	PCL & Products	Iron ore	Fertilizer & FRM	Coal	Others	Total
2001-02	3.27	-	0.98	-	1.39	5.65
2002-03	6.12	-	0.98	-	3.14	10.24
2003-04	6.49	0.04	1.12	0.02	2.35	10.02
2004-05	8.88	0.88	1.30	-	2.85	15.07
2005-06	8.81	3.89	1.64	0.14	3.30	17.87
2006-07	8.48	3.83	1.85	0.14	4.15	18.61
2007-08	9.21	3.59	1.88	0.05	4.45	19.29
2008-09	9.44	9.47	3.23	3.52	4.06	29.72

As seen from above Table 21, traffic in the Iron ore and Fertilizer & FRM has mainly shown an increase in 2008-09 as compared to 2007-08.

12.3 MAHARASHTRA

12.3.1 Maharashtra has a coast line of around 650 Kms with 53 notified non-major ports. Out of these only 7 ports handle cargo traffic during 2008-09.

12.3.2 The total cargo traffic handled at the non-major ports of Maharashtra during 2008-09 was 10.42 million tonnes compared with 11.38 million tonnes in 2007-08. This represents a fall of 8.3%. Overseas traffic at 5.27 million tonnes showed a decline of 1.6 % in 2008-09 over 2007-08; whereas coastal traffic at 5.15 million tonnes fell by 14.3% 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 5.09 million tonnes accounting for around 49% of total traffic at non major ports handled in the State. The other important non-major ports of Maharashtra are Ulwa-Balapur, Revdanda, and Ratnagiri.

Table 22 : Traffic Achieved at Select Non-Major Ports - Maharashtra

Year	Traffic Handled (Million Tonnes)					Total
	Dharamtar	Revdanda	Ulwa-Balapur	Ratnagiri	Others	
2001-02	2.45	0.79	0.78	0.49	0.44	4.95
2002-03	5.82	1.05	0.92	0.34	0.50	8.63
2003-04	8.68	1.24	0.93	0.62	0.98	10.33
2004-05	7.78	1.27	1.01	0.82	1.56	12.44
2005-06	6.27	0.86	1.20	0.66	2.09	11.08
2006-07	6.30	1.02	1.28	0.68	1.32	11.58
2007-08	6.32	1.15	1.41	0.72	1.78	11.38
2008-09	5.09	1.03	1.58	0.73	2.01	10.42

12.3.3 Commodity-wise break-up of the cargo handled by the non-major ports of Maharashtra indicates that Iron ore traffic of 4.27 million tonnes constituted 41% of the total cargo handled in 2008-09 followed by Building Material (22.5%) and Coal (14.0%), (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
2001-02	2.08	1.36	0.10	0.83	0.58	4.95
2002-03	4.28	1.25	0.09	1.97	0.94	8.63
2003-04	4.67	1.33	0.19	2.91	1.33	10.33
2004-05	8.47	1.28	0.32	3.68	1.47	12.14
2005-06	4.85	1.49	0.23	2.68	1.94	11.19
2006-07	4.58	1.77	0.58	2.29	2.38	11.53
2007-08	3.74	2.25	0.40	2.00	2.97	11.36
2008-09	4.27	2.35	-	1.48	2.34	10.42

As seen from the above table, only Iron ore and Building Material have shown increase in traffic in 2008-09 as compared to 2007-08.

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 11.90 million tonnes during 2008-09 as compared to 12.83 million tonnes handled in the previous year, reflecting a decrease of 17.3%. 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
2001-02	2.53	0.26	-	0.06	2.85
2002-03	5.17	0.36	0.02	0.02	5.57
2003-04	8.01	0.42	0.01	Neg.	8.44
2004-05	8.19	Neg.	Neg.	0.01	8.20
2005-06	11.43	0.33	Neg.	-	11.76
2006-07	14.03	0.28	-	-	14.31
2007-08	12.74	0.09	-	-	12.83
2008-09	11.90	-	-	-	11.90

Iron Ore is the principal commodity handled at the port.

12.5 KARNATAKA

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

12.5.2 During 2008-09 non-major ports in the State handled 4.97 million tonnes of cargo traffic as compared to 8.90 million tonnes in 2007-08 reflecting decline of 44% 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)					Total
	Karwar	Old Mangalore	Malpe	Balekuli	Others	
2001-02	0.66	0.18	0.01	-	-	0.75
2002-03	0.56	0.12	-	-	-	0.67
2003-04	0.95	0.11	0.01	0.10	-	1.17
2004-05	2.61	0.08	0.04	0.61	-	3.51
2005-06	2.47	0.08	0.02	1.86	-	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	0.08	0.01	1.91	-	4.97

Karwar is the leading port of Karnataka which handled 2.96 million tonnes of cargo during 2008-09. The contribution of the Karwar to the total cargo handled by the non-major ports of Karnataka was about 60% in 2008-09.

12.5.3 Commodity-wise breakup of the cargo traffic handled by the non-major ports is given in Table 26. Iron Ore has emerged as the most important single item with a share of 86.1% in the non-major port traffic of Karnataka followed by Granite (9.9%).

Table 26 : Commodity-wise Traffic Handled at Non-Major Ports - Karnataka

Year	Traffic Handled (Million Tonnes)							
	POL & Products	Grains	Fertiliser & FPM	Salt	Edible Oil	Iron Ore	Others	Total
2001-02	0.13	0.16	0.03	0.08	0.03	-	0.32	0.75
2002-03	0.15	0.17	0.04	0.06	0.07	0.03	0.21	0.67
2003-04	0.15	0.23	0.02	0.05	0.04	0.49	0.19	1.17
2004-05	0.11	0.27	0.02	0.06	0.01	2.72	0.32	3.51
2005-06	0.10	0.26	0.03	0.10	Neg.	3.40	0.24	4.12
2006-07	0.14	0.34	0.10	0.07	Neg.	5.77	0.14	6.56
2007-08	0.05	0.31	0.04	0.08	-	8.04	0.38	8.80
2008-09	0.02	0.44	0.03	0.07	-	4.28	0.13	4.97

2.6 TAMIL NADU

12.6.1 Tamil Nadu has a coastline of around 900 Kms. The State has 15 non-major ports, out of which only 5 ports handled cargo traffic in 2008-09.

12.6.2 During 2008-09 the non-major ports in Tamil Nadu collectively handled 0.90 million tonnes of cargo traffic as compared to 0.89 million tonnes in the previous year. The port-wise traffic is brought out in the Table 27.

Table 27 : Traffic Achieved at Selected Non-Major Ports-Tamil Nadu

Year	Traffic Handled (Million Tonnes)					Total
	Ernore	PY-3	Nagapattinam	Tirukkedai-Yar	Cuddalore	
2001-02	0.05	0.27	0.05	0.18	0.01	0.56
2002-03	0.04	0.20	0.08	0.28	-	0.60
2003-04	0.06	0.18	0.31	0.15	-	0.69
2004-05	0.05	0.29	0.42	0.09	-	0.85
2005-06	0.08	0.28	0.34	0.05	-	0.71
2006-07	0.07	0.29	0.31	0.15	0.02	0.81
2007-08	0.05	0.18	0.33	0.27	0.08	0.89
2008-09	0.02	0.12	0.39	0.26	0.01	0.90

Nagapattinam port handled the maximum traffic of 0.39 million tonnes during 2006-08 accounting for more than two-fifth 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 (88.8%) followed by Edible oil (5.6%) and Fertiliser & FRM (2.2%) (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
2001-02	0.43	0.05	0.06	0.01	0.54
2002-03	0.53	0.04	0.03	-	0.60
2003-04	0.61	0.05	0.03	-	0.69
2004-05	0.75	0.05	0.02	0.03	0.85
2005-06	0.69	0.06	0.02	0.04	0.71
2006-07	0.67	0.07	0.03	0.04	0.81
2007-08	0.71	0.09	0.03	0.06	0.89
2007-08	0.60	0.02	0.06	0.02	0.70

SECTION – II

1. VITAL PORT STATISTICS

State / U.T.	Number of Major Ports	Number of Non-Major Ports(a)	Total Number of Ports
1	2	3	4
WEST COAST			
Goa	1	40	41
Maharashtra	2	63	65
Gujarat	1	6	6
Daman & Diu	-	2	2
Karnataka	1	10	11
Kerala	-	13	14
Lakshadweep Islands	-	10	10
EAST COAST			
Tamil Nadu	3	15	18
Pondicherry	-	1	1
Andhra Pradesh	1	12	13
Orissa	1	2	3
West Bengal	1	1	2
Andaman & Nicobar Islands	-	23	23
TOTAL	12	187	199

Note: (a) This includes working, non working and captive Ports.
For details see Table 1.7.

Source: D.O. Shipping

Table 1.3

Topography of Major Ports

(As on 31.3.2009)

Port	Location		Entrance Channel			Turning Circle		Type of Dock / Port
	Latitude	Longitude	Distance of mouth of river Harbour (nautical miles)	Min depth (Mtrs.)	Min depth (Mtrs.)	No.	Diameter (M Mtrs.)	
1	2	3	4	5	6	7	8	9
Haridwar	29° 01' N	78° 17' E	29.0	4.5	200	-	-	Tidal Creek Port
Vadinar (Kandla)	-	-	5.0	29.5	25 M	-	-	Single Basin Wharving (LRT-Shore of terminal)
Mumbai	19° 34' N	72° 48' E	9.5	10.3	200	1	300	Natural Harbour with improved and docks
J.L. Mathura	18° 00' 43" N	73° 52' 14" E	10.000	11.0	200	At least 1	400	All Weather Tidal Port
Montagu	15° 25' N	73° 40' E	4.5	14.4	250	2	400	Immersed Open Natural Harbour
New Mangalore	12° 55' N	74° 41' E	7.5	13.4	240	1	500	Artificial lagoon port
Cochin	9° 35' N	76° 16' E	10.5	12.6	185	-	500	Natural Port
Tuticorin	8° 45' N	76° 13' E	4.0	13.4	162	-	400	Artificial Harbour
Chennai	13° 08' N	80° 08' E	6.7	18.18.0 CH 18.2	244	1	500	Artificial Harbour with wharves
Bombay	18° 15' 30" N	69° 21' E	9.775	14.0	250	1	400	Artificial Harbour
Vishakhapatnam	17° 41' N	83° 17' E						
Madras Harbour			2.0"	20.7	67.7	1	300	Natural Harbour
Quilon Harbour			3.1"	20	200	1	600	Artificial Harbour
Panaji	20° 15' N	83° 40' E	2.0	12.8	170	1	500	Artificial lagoon port
Kolkata Dock System	22° 37' N	88° 18' E	232	1.0"	45	2	KPD 100 MSD-230	Refrigerated unquarantined docks and river side jetties.
Kolkata Dock	22° 30' N	88° 08' E	115	0.7	400	1	600	-do-

Continued

N1 N South West Corner of DTS Basin.

" Unit Variable Min-0.2, Max-0.3

** Including both turning circles

N1 - Natural Water

Source - Major Ports (PA)

Table 1.4

Berths Available at Major Ports

(As on 31.3.2009)

Port Type of Berth (No.)	Depth (in Mtrs.)	Quay Length (in Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2007-08	2008-09
1	2	3	4	5	6
KANDLA					
A) Container Berth					
C1A - Multi purpose	9.0	182.67	45,000	18	19
C1B - Multi purpose	9.0	182.67	45,000	17	30
C1C - Multi purpose	8.5	172.47	45,000	30	50
C1D - Multi purpose	8.5	182.67	45,000	21	65
C1E - Multi purpose	9.0	235.79	25,000	28	19
C1F1 - Multi purpose	8.1	202.73	35,000	67	17
C1F2 - Multi purpose	12.8	208.74	55,000	84	84
C1G1 - Multi purpose	12.0	217.04	24,000	88	20
C1G2 - Multi purpose	12.0	182.67	44,000	39	34
C1H - Multi purpose	15.0	285.79	55,000	68	53
C1I - Multi purpose & Container	12.8	291.00	65,000	47	52
C1J1 - Multi purpose & Container	12.8	294.00	...	...	...
B) Dry Dock					
D1A - POL Products & other Liquids	10.4	213.4	40,000	10	23
D1B - POL Products & other Liquids	10.0	182.0	52,000	19	68
D1C - POL Products & other Liquids	10.1	213.4	40,000	60	58
D1D - POL Products & other Liquids	13.2	279.3	56,000	13	34
D1E - POL Products & other Liquids	10.2	213.0	40,000	24	81
D1F - POL Products	10.1	213.0	40,000	34	17
C) Oil Tanker					
E1A1 - POL Cargo	20.0	...	3,00,000	34	20
E1A2 - POL Cargo	20.0	...	3,00,000	24	34
E1A3 - POL Cargo	20.0	...	3,00,000	21	49
E1A4 - POL Cargo	20.0	...	3,00,000	67	70
D) Bulk Cargo					
1. Container	8.04 to 9.14	172	...	42	24
2. Container	8.04 to 9.14	172	...	48	29
3. Container	8.04 to 9.14	172	...	61	19
4. Container	8.04 to 9.14	172	...	35	68
5. Container	8.04 to 9.14	172	...	34	39
6. Multi purpose	8.04 to 9.14	172	...	68	46
7. Multi purpose	8.04 to 9.14	172	...	72	77
8. Multi purpose	8.04 to 9.14	172	...	84	10
9. C. Cargo Tanker	8.04 to 9.14	172	...	63	83
10. Multi purpose	8.04 to 9.14	172	...	48	43
11. Multi purpose	8.04 to 9.14	172	...	46	41
12. Multi purpose	8.04 to 9.14	172	...	24	82
13. Multi purpose	8.04 to 9.14	172	...	18	83
14. Multi purpose	8.04 to 9.14	172	...	27	46
15. Multi purpose	8.04 to 9.14	172	...	30	61
16. Multi purpose	8.04 to 9.14	172	...	22	47

* The maximum size of ships that can be accommodated is given of DWT/Container and Oil Tanker Berths, and in the case of Bulk Cargo Berths, the length of the ship is given.

2015

Berths Available at Major Ports

(As of: 3/2009)

Berth Occupancy at Major Ports				(As on: 3.2009)	
Port/ Type of Berth (No.)	Depth (in Mts.)	Ship length (in Mtrs.)	Maximum no. of ships that can be accommodated (DWT)	Berth Max Occupancy during	
				30th Apr	30th Sep
1	2	3	4	5	6
13 Oil/Guard Bulk Cargo	8.54 to 9.14	175	...	52	59
14 Petroleum & Food Grains	8.54 to 9.14	175	...	45	53
15 Petroleum & Food Grains	8.54 to 9.14	175	...	55	67
16 Multi purpose	8.54 to 9.14	175	...	53	62
17 Multi purpose	8.54 to 9.14	175	...	72	74
18 Multi purpose	7.0 CD	150	...	47	49
19 Multi purpose	7.0 CD	150	...	39	47
20 Multi purpose	7.0 CD	150	...	35	38
21. Multi purpose	7.0 CD	150	...	57	64
2225. Multi purpose	7.0 CD	150	...	76	84
Oil Tank Berth	...	...	...	...	...
Port 12 Air cr.	100 CD	180	...	64	73
Oil Tank Berth	...	...	...	...	...
Port Passenger / jet (Cargo)	100 CD	200	...	61	67
Victoria Dock	...	...	...	...	...
1. Multi purpose Berth	8.7	140	...	52	60
2. Multi purpose Berth	8.7	140	...	55	63
3. Multi purpose Berth	8.7	140	...	66	72
4. Multi purpose Berth	8.7	140	...	67	72
5. Multi purpose Berth	8.7	140	...	73	84
6. Multi purpose Berth	8.7	140	...	66	79
7. Multi purpose Berth	8.7	140	...	68	82
8. Multi purpose Berth	8.7	140	...	68	80
9. Multi purpose Berth	8.7	140	...	68	82
10. Multi purpose Berth	8.7	140	...	77	78
11. Multi purpose Berth	8.7	140	...	45	51
12. Multi purpose Berth	8.7	140	...	44	50
Prince's Dock	...	...	...	...	...
A. Multi purpose Berth	8.1 to 8.4	142	...	53	56
B. Multi purpose Berth	8.1 to 8.4	142	...	57	64
C. Multi purpose Berth	8.1 to 8.4	142	...	57	63
D. Multi purpose Berth	8.1 to 8.4	142	...	59	70
E. Multi purpose Berth	8.1 to 8.4	142	...	62	68
F. Multi purpose Berth	8.1 to 8.4	142	...	66	72
G. Multi purpose Berth	8.1 to 8.4	142	...	69	76
H. Multi purpose Berth	8.1 to 8.4	142	...	69	76
I. Multi purpose Berth	8.1 to 8.4	142	...	69	76
James Dock	...	...	...	...	...
1 JB - POL	11.58	200	75 000	60	63
2 JB - POL	10.87	200	48 000	56	49
3 JB - POL	11.58	200	75 000	77	84
4 JB - POL	11.58	200	1,28 000	68	64
Oil Tank Berth - POL / Cargo	7.30	171	38 000	20	52
Oil Tank Berth - POL / Cargo	12.08	187	47 000	30	54

Table 1.4 Cont'd

Births Available at Major Ports

(As of 31.3.2009)

[illegible]

144 Generated by MySociety Email List Utility 5/20/11 10:04

and 100% of the total sample size.

¹ *Left ventricular hypertrophy is associated with a 2.5-fold increase in mortality*

Berths Available at Major Ports

(As on 31.3.2009)

Port/ Type of Berth/Quay	Depth (In Mtrs.)	Quay Length (In Mtrs.)	Maximum No. of ships/ Units can be accommodated (DWT)	Availability Occupancy during	
				2007-08	2008-09
1	2	3	4	5	6
COCHIN					
C1 - General Cargo	9.1	570	16000	100	100
C3 - General Cargo	9.5			120	100
C5 - General Cargo	9.7			75	68
C4 - General Cargo	Capacity 1000 MT				
C5 - General Cargo/Reefer	10.5	580	20000	81	87
C6 - General Cargo/Container	10.6			67	75
C7 - General Cargo/Container	10.8			90	85
C8 - Container	12.5	414	25000	42	58
C9 - Container	12.5				37
C10 - Fuel, Bulk Materials	10.7	218	12000	108	103
PTA - Passenger & Cargo	10.2	415	20000	180	180
HCB - General Cargo/Liquid/Airplane	6.1			50	40
BCB - General Cargo/Liquid/Airplane	6.1			60	50
COT - P&L Crude	12.5	400	15000	85	80
HCB - P&L Products	6.1	200	30000	25	40
PTA - P&L Products	6.1	200	18000	25	0
CPM - Crude Oil	22.5	570	300000	48	68
TUTICORIN					
Alongside Berths					
Berth No.1 - General Cargo	9.3	150	52481	93	73
Berth No.2 - General Cargo	9.7	150	58039	94	73
Berth No.3 - Bulk Cargo	10.7	152	71489	80	73
Berth No.4 - General Cargo	10.7	152	71488	81	75
Berth No.5 - Bulk & Petroleum	11.0	168	55473	91	85
Berth No.6 - General Cargo	9.3	150	80000	80	60
Berth No.7 - Container	10.8	208	45401	70	73
Berth No.8-General Cargo	11.0	200	55500	87	81
Off Berths					
Berth No.9 - General Cargo	9.9	140	6759	88	80
Berth No.10 - General Cargo	11.0	110	2000	55	52
Off Berths					
Off Berth	10.7	225	17884	177	50
Dredged Berths					
Berth No.11	10.8	180	25791	65	55
Berth No.12	10.5	270	28000	84	74
CHENNAI					
On Approach Berth					
1. North Quay - Passenger & Q.C.	9.5	185	...	80	70
2. North Quay - General Cargo	11.0	170	...	70	50
3. North Quay - General Cargo	12.0	170	...	70	65
4. South Quay - General Cargo	12.0	170	...	85	75
5. South Quay - General Cargo	12.0	170	...	84	52

* Operated by M/s TCA Global Services Ltd.

11/15/11

Berths Available at Major Ports

(As of 3.1.3.2009)

(As of 31.03.2009)					
Port Type of Berth No.1	Draft (in Mtrs.)	Quay Length (in Mtrs.)	Maximum size of ship that can be accommodated (DWT)	Percentage Capacity during	
				2007-08	2008-09
1	2	3	4	5	6
North Quay - Forward Port Quay					
1. North Quay - Forward Port Quay	11.3	171	---	41	79
North Quay - Port Channel Quay					
2. North Quay - Port Channel Quay	9.5	244	---	47	20
South Quay - Port Channel Quay					
3. South Quay - Port Channel Quay	9.5	178	---	70	69
South Quay - Outer Channel Quay					
4. South Quay - Outer Channel Quay	9.1	254	---	64	94
East Quay - Outer Channel Quay					
5. East Quay - Outer Channel Quay	9.3 & 12.0	40	---	64	84
North Quay - Forward Port Quay					
6. North Quay - Forward Port Quay	11.3	215	---	49	83
North Quay - Port Channel Quay					
7. North Quay - Port Channel Quay	11.3	315	---	63	79
South Quay - Forward Port Quay					
8. South Quay - Forward Port Quay	11.3	215	---	78	73
South Quay - Outer Channel Quay					
9. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Forward Port Quay					
10. East Quay - Forward Port Quay	11.3	215	---	64	68
East Quay - Outer Channel Quay					
11. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
12. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
13. South Quay - Outer Channel Quay	11.3	215	---	72	69
East Quay - Outer Channel Quay					
14. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
15. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
16. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
17. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
18. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
19. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
20. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
21. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
22. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
23. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
24. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
25. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
26. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
27. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
28. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
29. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
30. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
31. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
32. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
33. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
34. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
35. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
36. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
37. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
38. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
39. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
40. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
41. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
42. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
43. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
44. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
45. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
46. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
47. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
48. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
49. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
50. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
51. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
52. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
53. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
54. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
55. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
56. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
57. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
58. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
59. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
60. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
61. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
62. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
63. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
64. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
65. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
66. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
67. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
68. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
69. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
70. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
71. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
72. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
73. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
74. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
75. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
76. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
77. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
78. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
79. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
80. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
81. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
82. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
83. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
84. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
85. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
86. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
87. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
88. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
89. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
90. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
91. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
92. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
93. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
94. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
95. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
96. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
97. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
98. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
99. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
100. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
101. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
102. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
103. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
104. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
105. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
106. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
107. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
108. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
109. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
110. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
111. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
112. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
113. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
114. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
115. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
116. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
117. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
118. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
119. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
120. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
121. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
122. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
123. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
124. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
125. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
126. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
127. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
128. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
129. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
130. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
131. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
132. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
133. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
134. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
135. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
136. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
137. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
138. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
139. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
140. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
141. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
142. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
143. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
144. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
145. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
146. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
147. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
148. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
149. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
150. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
151. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
152. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
153. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
154. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
155. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
156. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
157. South Quay - Outer Channel Quay	11.3	215	---	67	71
East Quay - Outer Channel Quay					
158. East Quay - Outer Channel Quay	11.3	215	---	68	68
North Quay - Outer Channel Quay					
159. North Quay - Outer Channel Quay	11.3	215	---	67	71
South Quay - Outer Channel Quay					
160. South Quay - Outer Channel Quay	11.3	215			

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

For information on our products and services, please contact us at 1-800-451-7243 or visit our website at www.3m.com.

By Paul G. Davis, Vice President, American Council on Education, and Richard L. Wilson, President, American Council on Education

* 2001-2002, 2003-2004, 2005-2006, 2007-2008, 2009-2010, 2011-2012, 2013-2014, 2015-2016, 2017-2018, 2019-2020, 2021-2022, 2023-2024, 2025-2026, 2027-2028, 2029-2030, 2031-2032, 2033-2034, 2035-2036, 2037-2038, 2039-2040, 2041-2042, 2043-2044, 2045-2046, 2047-2048, 2049-2050, 2051-2052, 2053-2054, 2055-2056, 2057-2058, 2059-2060, 2061-2062, 2063-2064, 2065-2066, 2067-2068, 2069-2070, 2071-2072, 2073-2074, 2075-2076, 2077-2078, 2079-2080, 2081-2082, 2083-2084, 2085-2086, 2087-2088, 2089-2090, 2091-2092, 2093-2094, 2095-2096, 2097-2098, 2099-2100, 2101-2102, 2103-2104, 2105-2106, 2107-2108, 2109-2110, 2111-2112, 2113-2114, 2115-2116, 2117-2118, 2119-2120, 2121-2122, 2123-2124, 2125-2126, 2127-2128, 2129-2130, 2131-2132, 2133-2134, 2135-2136, 2137-2138, 2139-2140, 2141-2142, 2143-2144, 2145-2146, 2147-2148, 2149-2150, 2151-2152, 2153-2154, 2155-2156, 2157-2158, 2159-2160, 2161-2162, 2163-2164, 2165-2166, 2167-2168, 2169-2170, 2171-2172, 2173-2174, 2175-2176, 2177-2178, 2179-2180, 2181-2182, 2183-2184, 2185-2186, 2187-2188, 2189-2190, 2191-2192, 2193-2194, 2195-2196, 2197-2198, 2199-2200, 2201-2202, 2203-2204, 2205-2206, 2207-2208, 2209-2210, 2211-2212, 2213-2214, 2215-2216, 2217-2218, 2219-2220, 2221-2222, 2223-2224, 2225-2226, 2227-2228, 2229-2230, 2231-2232, 2233-2234, 2235-2236, 2237-2238, 2239-2240, 2241-2242, 2243-2244, 2245-2246, 2247-2248, 2249-2250, 2251-2252, 2253-2254, 2255-2256, 2257-2258, 2259-2260, 2261-2262, 2263-2264, 2265-2266, 2267-2268, 2269-2270, 2271-2272, 2273-2274, 2275-2276, 2277-2278, 2279-2280, 2281-2282, 2283-2284, 2285-2286, 2287-2288, 2289-2290, 2291-2292, 2293-2294, 2295-2296, 2297-2298, 2299-2300, 2301-2302, 2303-2304, 2305-2306, 2307-2308, 2309-2310, 2311-2312, 2313-2314, 2315-2316, 2317-2318, 2319-2320, 2321-2322, 2323-2324, 2325-2326, 2327-2328, 2329-2330, 2331-2332, 2333-2334, 2335-2336, 2337-2338, 2339-2340, 2341-2342, 2343-2344, 2345-2346, 2347-2348, 2349-2350, 2351-2352, 2353-2354, 2355-2356, 2357-2358, 2359-2360, 2361-2362, 2363-2364, 2365-2366, 2367-2368, 2369-2370, 2371-2372, 2373-2374, 2375-2376, 2377-2378, 2379-2380, 2381-2382, 2383-2384, 2385-2386, 2387-2388, 2389-2390, 2391-2392, 2393-2394, 2395-2396, 2397-2398, 2399-2400, 2401-2402, 2403-2404, 2405-2406, 2407-2408, 2409-2410, 2411-2412, 2413-2414, 2415-2416, 2417-2418, 2419-2420, 2421-2422, 2423-2424, 2425-2426, 2427-2428, 2429-2430, 2431-2432, 2433-2434, 2435-2436, 2437-2438, 2439-2440, 2441-2442, 2443-2444, 2445-2446, 2447-2448, 2449-2450, 2451-2452, 2453-2454, 2455-2456, 2457-2458, 2459-2460, 2461-2462, 2463-2464, 2465-2466, 2467-2468, 2469-2470, 2471-2472, 2473-2474, 2475-2476, 2477-2478, 2479-2480, 2481-2482, 2483-2484, 2485-2486, 2487-2488, 2489-2490, 2491-2492, 2493-2494, 2495-2496, 2497-2498, 2499-2500, 2501-2502, 2503-2504, 2505-2506, 2507-2508, 2509-2510, 2511-2512, 2513-2514, 2515-2516, 2517-2518, 2519-2520, 2521-2522, 2523-2524, 2525-2526, 2527-2528, 2529-2530, 2531-2532, 2533-2534, 2535-2536, 2537-2538, 2539-2540, 2541-2542, 2543-2544, 2545-2546, 2547-2548, 2549-2550, 2551-2552, 2553-2554, 2555-2556, 2557-2558, 2559-2560, 2561-2562, 2563-2564, 2565-2566, 2567-2568, 2569-2570, 2571-2572, 2573-2574, 2575-2576, 2577-2578, 2579-2580, 2581-2582, 2583-2584, 2585-2586, 2587-2588, 2589-2590, 2591-2592, 2593-2594, 2595-2596, 2597-2598, 2599-2600, 2601-2602, 2603-2604, 2605-2606, 2607-2608, 2609-2610, 2611-2612, 2613-2614, 2615-2616, 2617-2618, 2619-2620, 2621-2622, 2623-2624, 2625-2626, 2627-2628, 2629-2630, 2631-2632, 2633-2634, 2635-2636, 2637-2638, 2639-2640, 2641-2642, 2643-2644, 2645-2646, 2647-2648, 2649-2650, 2651-2652, 2653-2654, 2655-2656, 2657-2658, 2659-2660, 2661-2662, 2663-2664, 2665-2666, 2667-2668, 2669-2670, 2671-2672, 2673-2674, 2675-2676, 2677-2678, 2679-2680, 2681-2682, 2683-2684, 2685-2686, 2687-2688, 2689-2690, 2691-2692, 2693-2694, 2695-2696, 2697-2698, 2699-2700, 2701-2702, 2703-2704, 2705-2706, 2707-2708, 2709-2710, 2711-2712, 2713-2714, 2715-2716, 2717-2718, 2719-2720, 2721-2722, 2723-2724, 2725-2726, 2727-2728, 2729-2730, 2731-2732, 2733-2734, 2735-2736, 2737-2738, 2739-2740, 2741-2742, 2743-2744, 2

TABLE 10-12

Berths Available at Major Ports

(As on 31.3.2009)

Port Type of Berth (No.)	Draft (in Mts.)	Qty. Length (in Mts.)	Maximum size of ship a line can use (in Mts. x Mts.)	Range of Occupancy during	
				size of	2008-09
1	2	3	4	5	6
Oil Refinery Berth - 2	9.8	162	---	57	62
Fertiliser Berth	10.1	173	---	48	40
Durgam Harbour					
1. GCR - General Cargo Berth (Qty.)	14.4*	366	---	54	11
2. Deep Sea Terminal	14.3	481	---	42	42
Gujarat Port					
Oil Refinery Berth - 1	10.5	370	---	66	84
CRP - Cargo Berth	11.4*	406	---	62	51
LPG - P&L	13.3	371	---	68	54
PARADIP					
Iron Ore Berth	13.8	211	60000-70000	65	63
East Quay - I	11.8	130	40000	94	79
East Quay - II	11.5		40000	183	79
East Quay - III	12.5		40000	64	64
South Quay	13.0	203	33000	72	82
Central Quay - I	13.5	144	60000-65000	96	82
Central Quay - II	12.5		60000-65000	94	84
Central Quay - III	12.5		60000-65000	95	91
Fertiliser Berth - I	13.0	283	60000-65000	54	43
Fertiliser Berth - II	12.5	249	60000-65000	44	62
Multipurpose Berth	12.5	223	40000-45000	33	63
Coal Berth - I	12.6	234	60000-70000	32	47
Coal Berth - II	12.5		60000-70000	43	48
Oil Jetty	13.0	366	60000	38	34
GRV - (Qty.)	21.0	---	250000	---	12
KOLKATA DOCK SYSTEM					
Bidderpore Dock (12th D)					
1 KPD	8.0	130	Around 25000 depending on price load*	54	58
2 KPD	8.7	126		58	65
4 KPD	8.8	126		78	76
67 KPD	8.7	220	-do-	61	11
8 KPD	8.5	116	-do-	63	41
1 KPD	8.8	128	-do-	68	80
3 KPD	8.7	136	-do-	64	36
10 KPD	8.4	101	-do-	37	33
11 KPD	8.3	131	-do-	66	47
12 KPD	8.8	143	-do-	61	87
22 KPD	8.7	151	-do-	103	36
23 KPD	8.7	147	-do-	71	71
34 KPD	8.7	132	-do-	64	61
35 KPD	8.5	143	-do-	74	84
36 KPD	8.4	145	-do-	67	64
37 KPD	8.2	183	-do-	67	43
38 KPD	8.4	163	-do-	42	33
39 KPD	8.4	145	-do-	41	43

* Minimum average draft: 10MT; Port of Call: 1000 MT; 1000 MT.

* On 03 min. 1000 MT.

* On 10 min. 1000 MT.

Table 1.4 Contd.

Berths Available at Major Ports

(As on 31.3.2009)

Port		Dry Bulk		Berth Length in Meters	Maximum size of ship handling capacity (in Container TEU)	Percentage Occupancy during	
Type of Berth (No.)		(in Meters)				2006-07	2008-09
1		2	3		4	5	6
PORT OF COCHIN (MHC)							
1 MHC-General Cargo		11.3	300	-do-	-do-	84	57
2 MHC-General Cargo		11.5	167	-do-	-do-	48	69
3 MHC-General Cargo		9.7	159	-do-	-do-	89	46
4 MHC-General Cargo		9.9	151	-do-	Around 5000	83	74
5 MHC-Container		9.9	152	-do-	-do-	63	54
7 MHC-Container		11.7	160	-do-	-do-	60	67
8 MHC-Container		9.8	220	-do-	-do-	79	80
12 MHC-Liquid Cargo		9.8	152	-do-	Around 25000 depending on parameters	35	46
13 MHC-General Cargo		11.4	174	-do-		60	66
14 MHC-General Cargo		11.2	174	-do-		89	81
PORT OF TUTICORIN							
1 TB-Liquid Cargo		13.7	160	-do-	Around 5000	80	64
2 TB-Liquid Cargo		11.1	179	-do-	-do-	21	31
3 TB-Liquid Cargo		11.2	165	-do-	-do-	79	20
5 TB-Liquid Cargo		12.9	189	-do-	-do-	99	24
7 TB-Liquid Cargo		10.7	187	-do-	-do-	29	31
8 TB-Liquid Cargo		11.1	199	-do-	-do-	13	28
HALIMA DOCK COMPLEX							
HCUH - POL, Ammonia & Chemical		12.2	280 ¹	-do-	20000	71	79
HCUH - POL		12.2	330 ¹	-do-	19000	35	77
HCUH - POL (Crude)		12.5	340 ¹	-do-	19000	34	79
Berth No. 2 - Multicourse Dry Bulk (4 to 6) Dry Bulk		12.2	590	-do-	75000	80	71
Berth No. 3 - Multicourse Seach handling POL, Iron Ore & other Bulk		12.5	537	-do-	75000	83	69
Berth No. 4 - Thermal Coal (P&A) (Wood)		12.2	548	-do-	76000	69	69
Berth No. 4 A - Cold Storage (Mechanical)		12.2	549	-do-	76000	83	70
Berth No. 4 B - Dry Bulk (Bulkhead Bulk)		12.2	481	-do-	75000	39	69
Berth No. 5 - Cold Storage (P&A) (Dry)		12.2	485	-do-	76000	79	80
Berth No. 6 - Dry Bulk, Break Bulk & Liquid Bulk		12.2	534	-do-	76000	81	82
Berth No. 7 - Dry Bulk, Break Bulk & Liquid Bulk		12.2	538	-do-	76000	88	74
Berth No. 8 - Dry Bulk, Break Bulk & Liquid Bulk		12.2	539	-do-	76000	89	74
Berth No. 9 - Dry Bulk, Break Bulk & Container		12.2	548	-do-	76000	89	89
Berth No. 10 - Dry Bulk, Break Bulk & Container		12.2	590	-do-	76000	73	88
Berth No. 11 - Dry Bulk, Break Bulk & Container		12.2	579	-do-	76000	78	89
Berth No. 12 - Dry Bulk & Break Bulk		12.2	580	-do-	76000	78	84
Berth No. 13 - Dry Bulk & Break Bulk		10.0	553	-do-	76000	78	83

¹ POL: Berths Tied up of much higher DWT are handled at anchorage² The above distances are as shown below the distance between the two columns is being double the distance between the two columns

Table 1.1

Storage Facilities Available at Major Ports

(As on 31.3.2004)

Port/Type	Dry Storage Area/Volume		Liquid Storage Tanks			
	No.	Capacity (sq. mt.)	No.	Location	Capacity	Type of Cargo
1	2	3	4	5	6	7
1. HAMBALA						
Container / Dry						
1. General Storage						
a) Ware-House/Godown	1	110000	1	General Storage, 1000 mt. of products (dry)	100000	General Storage
b) Open Storage	2	5000				
c) Bulk Storage	1	7000				
d) Fertilizer Storage	1	1000				
e) Other Godown / Bulk Storage	1	1000				
2. Liquid Bulk						
a) Covered Tanks						
b) Turret Tanks	11	112700	18	General Storage	202085 KL	General Storage
c) Ware-House	22	10000	2	General Storage	29000 T	General Storage
d) Container / Fertilizer Storage	10	10000	6	General Storage	10000 T	General Storage
e) Open Storage			2	General Storage	36000 T	General Storage
f) Inside Tanks	17	20000	13	General Storage	476000 T	General Storage
g) Outside Tanks	14	20000	13	General Storage	100000 KL	General Storage
h) Container Tanks			2	General Storage	20000 T	General Storage
i) Inside Tanks	1	10000	11	General Storage	100000 KL	General Storage
j) Outside Tanks	2	10000				
3. MOMBASA						
a) General Storage			10	General Storage	100000 KL	General Storage
b) General Storage	1	1000				
c) Ware-House	2	10000	1	General Storage	10000 T	General Storage
d) Open Storage	4	10000	20	General Storage	100000 KL	General Storage
e) Open Area			2	General Storage	20000 KL	General Storage
f) Container			2	General Storage	10000 T	General Storage
g) Open						
4. NEW BANGALORE						
a) General Storage	5	21000	10	General Storage	200000 KL	General Storage
b) Covered Ware-House	10	21000				
c) Open Storage	5	10000	5	General Storage	200000 KL	General Storage
d) Container Storage	1	10000				

Storage Facilities Available at Major Ports

(As on 31.3.2009)

Dry Storage Accommodation			Liquid Storage Tanks			
Port/Type	No.	Area/Capacity (Sq. mtrs.)	No.	Location	Capacity	Type of Cargo
1	2	3	4	5	6	7
B. A. L. MURPHY						
(i) Open Area	1	25000	100	Outside	37160 MT	A.M.G.O. (40000 mts)
(ii) Covered Area	21	315000	1000, Petro			1. CL Products, 2. Solids
(iii) Open Area Under Port		142200				Oil & other liquids
C. COCHIN						
(a) Covered area						
(i) Turret Storage	3	14700	23	Inside Port	112500 KL	Paraffinic Products
(ii) Ware-House	4	15000	13	Inside Port	28500 KL	Crude Oil
(iii) Open Area Under Port	6	10200				
(iv) Open Area	1	1100				
(v) Open Area						
(vi) Open Space		67000				
(vii) Covered Area Under Port		40000				
(viii) Container Yard		1700 Covered Slabs				
T. TUTTENDEN						
(a) Covered area						
(i) Turret Storage	3	22000	3	VOG Wharf (Berth IV)	19000 MT	Phosphoric Acid
(ii) Ware-House	4	28000	2400	Outside	41500 KL	Acid
(iii) Under covered area	3	1400	3	-do-	26000 KL	Paraffinic Oil
(iv) Private Warehouse	18	40000	3	-do-	10000 KL	LSM & GAC
(v) Open Area			1	-do-	750 KL	LSMO
(vi) Covered area	2	30000	3	-do-	70000 KL	PCOL
(vii) Container	1	5000000	2	-do-	11000 KL	Kerosene
			11	-do-	7000 MT	WDM
			1	-do-	10000 T	AMV/MS
			5	-do-	10000 T	LPG
			7	-do-	7000 KL	EDC/MS
S. CHEPNAI						
A. Port Chennai						
(a) Covered area						
(i) Turret/Storage (Berth)	2	45000	10	Inside Port	80000 KL	Non Hazardous Cargo
(ii) Ware-House	3	20000	3	Inside Port	11000 KL	Non Hazardous Cargo
(iii) Warehouse (Freight station)	7	10000	18	Inside Port	40000 KL	Crude Oil & Paraffinic Oil
(iv) Open Area		14000	4	Inside Port	10000 KL	Non Hazardous Oil & Phosphoric Acid

Dry Storage Accommodation			Liquid Storage Tanks			
Port/Type	No.	Area/Capacity (No. mba.)	No.	Location	Capacity	Type of Cargo
1	2	3	4	5	6	7
B. Others (Area / Location)			3	Kochi Port	14850 KL	Molasses Lub.
(a) Covered area			5	Inside Port	15200 KL	5.4Mn Gal & Non Hazardous Cargo
(i) Inside port		84750	2	Inside Port	11700 KL	Edible Oil
(ii) Outside port		14000				
(b) Open Area						
(i) Inside port		783510				
(ii) Outside port		4200				
C. YARRA KAPPAFALAM						
(a) Port Covered			10	Inside Port		
(b) Covered area						
(i) Small Sheds/Storage sheds	13	14000	50	WFO	344000 T	Crude Oil Products
(ii) Large Warehouse	1	13400	20	FOG	113000 T	PGI Products
(c) Open Area			17	BPD	88000 T	LPG
(i) Bulk cargo		100000	14	DPL	67300 T	Crude Oil, Petro. Prod., Sulphuric Acid, Liquid Ammonia
(ii) Non bulk		200000				
B. Covered dry storage			3	Malabar	20000 T	Caustic Soda
(a) Covered area			26	INCOSELAAR	72000 T	Crude Oil, Chemicals, Sulphuric Acid, Ethanol, etc.
(i) Cargo		60000 Tonnage	2	DPL	7000 T	LPG
		112000 Tonnage	1	DPL	100 KL	POL & Ethanol
(ii) Container		180-225 TEU	1	Kochi Area-LPG Co.	80000 T	LPG
(c) Open Area						
(i) Cargo		0.65 Lakh Tonnage				
		20.75 Lakh Sq. M.				
		0.75 Lakh Sq. M.				
(ii) Container		4000 TEU				
(c) Outside Port						
(a) Covered area						
(i) Small Sheds/Storage sheds	4	15000	40	Outside Port	243000 KL	PGL Products
(ii) Large Warehouse	2	20000	32	Outside Port	205000 KL	PGI & LPG
(iii) Container Freight Station	3	500 Nos.	16	Outside Port	60000 KL	PGL (candle)
(c) Open Area		120000				

Table 1.5.9.0.1

Storage Facilities Available at Major Ports

(As on 31.3.2009)

Port Type	Dry Storage Accomodation		No.	Liquid Storage Tanks		
	Mo.	Area/ Capacity (Sq. mtrs.)		Location	Capacity	Type of Cargo
1	2	3	4	5	6	7
II. KOLKATA DOCK & SYSTEM						
A. Port (i.e. pier) (outside port)						
(a) Covered area						
i) Tonnage Shed	28	146777	3	Coralda Pier	4700 KL	Vegetable Oil
ii) Warehouse	8	18794	43	1st-4th Port	22825 Mts	Vegetable Oil
iii) Container Freight Station	1	6000	116	1st-4th Port	Storage only	POC
		6000 Tonnage Shed	12	Coralda Pier	31114 KL	POC
		14576 (1st-4th Port)	14	1st-4th Port	30278 KL	Crude Oil
iv) Open Area		10800 Tonnage Shed				
B. Dock (i.e. inside port)						
(a) Covered area						
i) Container Freight Station	3	12000	10			
13. Fuel Dock (DOCK COMPLEX)						
(a) Covered area						
i) Tonnage Shed	3	285000	10	1st-4th Port	Storage only	
ii) Container Yard	1	5000				
iii) Open Area	14	682043 (a)	10			
14. ENPHORE						
(a) Covered area						
i) Tonnage Shed	1	43000	10	Port	20000 KL	Crude
			10	Port	20000 KL	Chemical / Petroleum
			3	Port	20000 KL	Petroleum
			14	Port	14000 KL	Crude Oil

(a) Covered Area (i.e. inside port) (i.e. inside the dock)

(b) Covered Area (i.e. inside port) (i.e. inside the dock)

(c) Covered Area

(d) Covered Area

(e) Covered Area

(f) Covered Area

(g) Covered Area

Table 15 Commodity-Wise Capacity Available at Major Ports

Commodities	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	KDS	HDC	WPT	EPL	TPT	CoPT	MMPT	MMPT	MMPT	MMPT	MMPT	MMPT	MMPT	MMPT	MMPT
POL															
As on 31.3.09	3.60	17.00	6.00	16.30	11.20	2.30	21.00	1.50	32.00	34.00	6.00	182.26			
As on 31.3.07	3.04+4.0	17.00	6.00	17.15	11.26	2.30	21.20	1.00	32.00	40+0.4	6.00	179.7+4.4			
As on 31.3.05	3.86+4.4	17.00	6.00	17.68	11.20	2.30	22.00	1.00	32.00	40+0.4	5.60	184.41+4.4			
As on 31.3.03	3.98+4.0	17.00	21.00	17.62	11.00	2.30	22.00	1.50	32.00	55.24+0.5	5.30	211.05+4.0			
Grain															
As on 31.3.09	-	4.00	4.40	10.50	8.00	-	7.30	21.00	-	-	-	55.30			
As on 31.3.07	-	4.00	4.50	12.00	8.00	-	7.00	21.00	-	-	-	57.20			
As on 31.3.05	-	6.00	6.00	12.50	8.00	-	7.50	24.30	-	-	-	62.30			
As on 31.3.03	-	6.00	4.00	12.50	8.00	-	7.50	24.30	-	-	-	62.30			
Coal															
As on 31.3.09	-	3.00	20.00	-	6.26	-	-	-	-	-	-	46.26			
As on 31.3.07	-	3.00	20.00	-	6.25	-	-	-	-	-	-	46.25			
As on 31.3.05	-	3.00	20.00	-	6.25	-	-	-	-	-	-	46.25			
As on 31.3.03	-	3.00	20.00	-	6.25	-	-	-	-	-	-	46.25			
Fertilizer															
As on 31.3.09	-	-	6.00	1.00	-	-	-	-	-	-	-	7.00			
As on 31.3.07	-	-	7.00	1.00	-	-	-	-	-	-	-	8.00			
As on 31.3.05	-	-	7.00	1.00	-	-	-	-	-	-	-	8.00			
As on 31.3.03	-	-	7.00	1.00	-	-	-	-	-	-	-	8.00			
Break-Bulk Cargo															
As on 31.3.09	6.00	11.20	13.00	23.15	17.05	7.00	8.60	7.00	4.26	12.00	-	122.20			
As on 31.3.07	5.0+0.5	11.20	10.00	26.06	16.66	7.00	13.80	7.00	4.27	11.7+0.5	4.70	128.37+7.0			
As on 31.3.05	5.7+0.5	12.70	18.00	28.80	18.70	7.20	14.00	7.20	4.78	13.0+0.6	5.00	137.01+7.0			
As on 31.3.03	6.8+0.5	12.70	18.00	29.38	18.60	7.20	14.70	7.20	4.76	13.0+0.6	5.00	144.65+6.6			
Container															
As on 31.3.09	4.00	3.00	-	1.00	5.00	-	-	-	8.00	-	-	62.10			
As on 31.3.07	4.00	4.00	-	1.70	5.00	-	-	-	8.00	-	-	66.08			
As on 31.3.05	4.50	4.00	-	1.70	5.00	-	-	-	8.00	-	-	66.08			
As on 31.3.03	5.50	4.00	-	1.70	5.00	-	-	-	8.00	-	-	66.08			
TOTAL															
As on 31.3.09	12.60	42.20	51.40	64.96	20.55	18.00	59.00	49.50	10.56	43.75	35.40	406.30			
As on 31.3.07	13.4+4.5	43.50	68.00	58.50	20.55	18.00	47.30	30.00	20.15	34.03+0.0	35.40	404.75+11.4			
As on 31.3.05	14.58+4.5	48.70	24.00	61.14	20.76	17.00	43.60	33.05	28.37	44.7+6.0	35.40	412.07+11.4			
As on 31.3.03	15.76+4.5	46.70	71.00	62.23	22.81	16.00	44.20	33.05	28.37	43.7+6.0	35.40	412.07+11.4			

Source : Development Wing - Department of Shipping.

1. **התאחדות**

BUJ - Barge Jetty	A - Anchorage	SBM - Single Buoy Mooring	TRANS - Transhipper	B Zone : Small unusable handled at Zone B-Tulicorin.
Boeing and being converted to Civilian Barge				
Boeing 146, 204 of Indian Coast of India (all Port) has been redeployed as general cargo berth. An P & V dock (18 berth) is being converted as container storage yard the				

at Church Rd. 234 of Indian Creek of Limited Pulp has been redegraded as general cargo berth No. P. 1. V. dock No. 1000 is being converted to container storage yard and the

Source: Development Bank, City of Chicago

Table 10

Cargo Handling Equipment Available at Major Ports (As on 31.3.2009)

Port	Mobile	Wharf	Crane		Fork Lift Trucks	Tractor	Trailer	Shovel Dozer & Pay Loader	(In Nos.)	
			Container						Locomotive	
			Quay	Yard						
1	2	3	4	5	6	7	8	9	10	
Kolkata Dock System	14	5	-	4	236	24	07	-	4	
Haldia Dock Complex	2	-	-	1	7	1	0	12	11	
Paradip	4	4	-	-	2	1	1	3	0	
Vishakhapatnam	-	24	2	2 ^a	-	-	-	-	13	
Chennai	3	10	7 ^a	28 ^a	20	-	-	2	14	
Tuticorin	-	3	3 ^a	8 ^a	3	-	-	-	1	
Cochin	7	14	2	4 ^a	47	28	32	-	-	
New Mangalore	1	3	-	-	3	-	-	-	-	
Marmugao	1	-	-	-	10	-	-	-	-	
Mumbai (D)	8	31	2	8	35 ^a	5	-	-	2	
J. L. Nathu	2	-	8+18 ^a	21+50 ^a	72+7 ^a	88+238 ^a	-	4(4)	5	
Kandla	-	18	-	-	0	3	1	2	-	
All Ports	42	113	40	130	184	512	23	23	64	

\$: 10 FLT's, 2 Medium duty FLT's, 1 Top LH Truck, 4 Reach Stacker.

^a Under BOT Operations.

(a) 2 Pay Loader, 1 Excavator, 1 JCB.

(b) In addition, Floating Crane-1

Source: Indian Ports Association

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

Container Handling Facilities Available at Major Ports

Class 31.9.2000

Port	No. of Berths	Vessel Size (DWT)	Equipment					
			Quay Side Gantry Cranes	Yard Gantry Cranes	Toplift Trucks/ Reach Stackers	Forklifts	Tractor	Trailers
1	2	3	4	5	6	7	8	9
KOLKATA DOCK SYSTEM*	4	21,000	-	2x66.5 T 1x40 T	1LT:1x25 T RBT:4x45 T (1/2)	20x5 T (Medium Duty)	22x40 T 3x40x4	16x45 T 5x30 T
HALDIA DOCK COMPLEX	2	40,000	-	1x40 T	1x36 T	7	1x40 T	5
VISAKHAPATHAN	1 (Under BOT Operation)	1,00,000	2x400 Sh.co. 2x35.5 T (SML)	RIGG-2 1x35	2x45 T 2x30 T	100 T	-	15
CHENNAI	4 (Under BOT Operation)	70,000	7	25	3	3	TO Date received	
TUTIKORIN	1 (Under BOT Operation)	47,668	1x40 T (SML)	1x35 T (SML)	-	-	12x30 T (SML)	11x30 T (SML)
DODHEM	3 (Under BOT Operation)	47,000 TO 36,000	2x40 T	4x45 T (FTC)	4x40 T 1x40 T 2x45 T	20	2x30 T 20x30 T	25
J.N.P.T.- JAMPET	4	70,000	2x35.5 T 2x50 T 2x40 T (H and)	RTGC- 12x45 T 4x40 T (H and) RM30- 1x30 ET 2x40 T (H and)	2x45 T (2)	10 (2x10x30)	20	75
MANGALURU	2	35,000	2x50 T	RTGC- 2x40 T RM30- 3x40 T	2x40 T (11 T) 3x40 T	-	60 2x40x40 135 H and	-
CUTTACK	2	35,000	2x50 T	RTGC- 2x40 T (11 T) RM30- 5x40 T	4x40 T	-	60x4	-
MUMBAI	4	42,000	2x66.5 T	3x35.5 T FTC)	2x45 T (10) 2x45 T (10)	27	27	-

(*) Reach Stackers.

(*) Tractor-trailer, combined

T - Toplift

(*) New Mobile Harbour Cranes and/or new Reach Stackers installed or Over-Operate-Maintain contracts were contracted to March, 2000

(*) In addition, two Reach Stackers of 40 T capacity each have been hired by Port.

Source: Major Ports Association

and, if

Berthing Facilities Available at Non-Major Ports

1600 77 80 97

GUJARAT									
Sl. No.	Name of the Port	District	Area (sq. km)	No. of Berths	No. of Berths by existing Draft				Total
					10 m	12 m	15 m	18 m	
1	Porbandar	Porbandar	10.00	1	1	1	1	1	4
2	Surat	Surat	10.00	1	1	1	1	1	4
3	Vadodra	Vadodra	10.00	1	1	1	1	1	4
4	Navsari	Navsari	10.00	1	1	1	1	1	4
5	Amreli	Amreli	10.00	1	1	1	1	1	4
6	Junagadh	Junagadh	10.00	1	1	1	1	1	4
7	Broach	Broach	10.00	1	1	1	1	1	4
8	Wankaner	Wankaner	10.00	1	1	1	1	1	4
9	Porbandar	Porbandar	10.00	1	1	1	1	1	4
10	Surat	Surat	10.00	1	1	1	1	1	4
11	Vadodra	Vadodra	10.00	1	1	1	1	1	4
12	Navsari	Navsari	10.00	1	1	1	1	1	4
13	Amreli	Amreli	10.00	1	1	1	1	1	4
14	Junagadh	Junagadh	10.00	1	1	1	1	1	4
15	Broach	Broach	10.00	1	1	1	1	1	4
16	Wankaner	Wankaner	10.00	1	1	1	1	1	4
17	Porbandar	Porbandar	10.00	1	1	1	1	1	4
18	Surat	Surat	10.00	1	1	1	1	1	4
19	Vadodra	Vadodra	10.00	1	1	1	1	1	4
20	Navsari	Navsari	10.00	1	1	1	1	1	4
21	Amreli	Amreli	10.00	1	1	1	1	1	4
22	Junagadh	Junagadh	10.00	1	1	1	1	1	4
23	Broach	Broach	10.00	1	1	1	1	1	4
24	Wankaner	Wankaner	10.00	1	1	1	1	1	4
25	Porbandar	Porbandar	10.00	1	1	1	1	1	4
26	Surat	Surat	10.00	1	1	1	1	1	4
27	Vadodra	Vadodra	10.00	1	1	1	1	1	4
28	Navsari	Navsari	10.00	1	1	1	1	1	4
29	Amreli	Amreli	10.00	1	1	1	1	1	4
30	Junagadh	Junagadh	10.00	1	1	1	1	1	4
31	Broach	Broach	10.00	1	1	1	1	1	4
32	Wankaner	Wankaner	10.00	1	1	1	1	1	4
33	Porbandar	Porbandar	10.00	1	1	1	1	1	4
34	Surat	Surat	10.00	1	1	1	1	1	4
35	Vadodra	Vadodra	10.00	1	1	1	1	1	4
36	Navsari	Navsari	10.00	1	1	1	1	1	4
37	Amreli	Amreli	10.00	1	1	1	1	1	4
38	Junagadh	Junagadh	10.00	1	1	1	1	1	4
39	Broach	Broach	10.00	1	1	1	1	1	4
40	Wankaner	Wankaner	10.00	1	1	1	1	1	4
41	Porbandar	Porbandar	10.00	1	1	1	1	1	4
42	Surat	Surat	10.00	1	1	1	1	1	4
43	Vadodra	Vadodra	10.00	1	1	1	1	1	4
44	Navsari	Navsari	10.00	1	1	1	1	1	4
45	Amreli	Amreli	10.00	1	1	1	1	1	4
46	Junagadh	Junagadh	10.00	1	1	1	1	1	4
47	Broach	Broach	10.00	1	1	1	1	1	4
48	Wankaner	Wankaner	10.00	1	1	1	1	1	4
49	Porbandar	Porbandar	10.00	1	1	1	1	1	4
50	Surat	Surat	10.00	1	1	1	1	1	4
51	Vadodra	Vadodra	10.00	1	1	1	1	1	4
52	Navsari	Navsari	10.00	1	1	1	1	1	4
53	Amreli	Amreli	10.00	1	1	1	1	1	4
54	Junagadh	Junagadh	10.00	1	1	1	1	1	4
55	Broach	Broach	10.00	1	1	1	1	1	4
56	Wankaner	Wankaner	10.00	1	1	1	1	1	4
57	Porbandar	Porbandar	10.00	1	1	1	1	1	4
58	Surat	Surat	10.00	1	1	1	1	1	4
59	Vadodra	Vadodra	10.00	1	1	1	1	1	4
60	Navsari	Navsari	10.00	1	1	1	1	1	4
61	Amreli	Amreli	10.00	1	1	1	1	1	4
62	Junagadh	Junagadh	10.00	1	1	1	1	1	4
63	Broach	Broach	10.00	1	1	1	1	1	4
64	Wankaner	Wankaner	10.00	1	1	1	1	1	4
65	Porbandar	Porbandar	10.00	1	1	1	1	1	4
66	Surat	Surat	10.00	1	1	1	1	1	4
67	Vadodra	Vadodra	10.00	1	1	1	1	1	4
68	Navsari	Navsari	10.00	1	1	1	1	1	4
69	Amreli	Amreli	10.00	1	1	1	1	1	4
70	Junagadh	Junagadh	10.00	1	1	1	1	1	4
71	Broach	Broach	10.00	1	1	1	1	1	4
72	Wankaner	Wankaner	10.00	1	1	1	1	1	4
73	Porbandar	Porbandar	10.00	1	1	1	1	1	4
74	Surat	Surat	10.00	1	1	1	1	1	4
75	Vadodra	Vadodra	10.00	1	1	1	1	1	4
76	Navsari	Navsari	10.00	1	1	1	1	1	4
77	Amreli	Amreli	10.00	1	1	1	1	1	4
78	Junagadh	Junagadh	10.00	1	1	1	1	1	4
79	Broach	Broach	10.00	1	1	1	1	1	4
80	Wankaner	Wankaner	10.00	1	1	1	1	1	4
81	Porbandar	Porbandar	10.00	1	1	1	1	1	4
82	Surat	Surat	10.00	1	1	1	1	1	4
83	Vadodra	Vadodra	10.00	1	1	1	1	1	4
84	Navsari	Navsari	10.00	1	1	1	1	1	4
85	Amreli	Amreli	10.00	1	1	1	1	1	4
86	Junagadh	Junagadh	10.00	1	1	1	1	1	4
87	Broach	Broach	10.00	1	1	1	1	1	4
88	Wankaner	Wankaner	10.00	1	1	1	1	1	4
89	Porbandar	Porbandar	10.00	1	1	1	1	1	4
90	Surat	Surat	10.00	1	1	1	1	1	4
91	Vadodra	Vadodra	10.00	1	1	1	1	1	4
92	Navsari	Navsari	10.00	1	1	1	1	1	4
93	Amreli	Amreli	10.00	1	1	1	1	1	4
94	Junagadh	Junagadh	10.00	1	1	1	1	1	4
95	Broach	Broach	10.00	1	1	1	1	1	4
96	Wankaner	Wankaner	10.00	1	1	1	1	1	4
97	Porbandar	Porbandar	10.00	1	1	1	1	1	4
98	Surat	Surat	10.00	1	1	1	1	1	4
99	Vadodra	Vadodra	10.00	1	1	1	1	1	4
100	Navsari	Navsari	10.00	1	1	1	1	1	4

Link: 2150721

Building Excellence Into Every New-Market Forrester

100536

Name of the Port	1	2	3	4	No. of Berths by existing Draft				Total	
					5	6	7	8		
NEELHARJASHTTALA										
Seaport	Water			2	1					3
Oil Wh.	Water	400			3					3
General	Water	100			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water	200			1					1
General	Water	200			1					1
Oil Wh.	Water									

Page 1 of 1

THE UNIVERSITY OF CHICAGO

Table 1.1.1 (Contd.)...

Berthing Facilities Available at Non-Major Ports

Date: Jul 2010

Name of the Port	Intermediate Water	Max Depth available at anchorage	Earth Type	No. of Berths by existing Craft					Total
				Before 2 m depth	2-4 m depth	4-6 m depth	6-8 m depth	8 m depth and above	
ANDHRA PRADESH									
RAJAHMUNDRY Coastal	Intermediate	12.00	Open sand beach port	-	-	-	-	-	-
	Minor	8.00	Open sand beach port	-	-	-	-	-	-
	Major	10.00	Open sand beach port	-	-	-	-	-	-
	Major	10.00	Open sand beach port	-	-	-	-	-	-
DILLI Coastal	Major	10.00	Open sand beach port	-	-	-	-	-	-
	Major	10.00	Open sand beach port	-	-	-	-	-	-
ONGOLE Coastal	Major	10.00	Open sand beach port	-	-	-	-	-	-
	Major	10.00	Open sand beach port	-	-	-	-	-	-
PONDICHERRY Coastal	Major	10.00	Open sand beach port	-	-	-	-	-	-
	Major	10.00	Open sand beach port	-	-	-	-	-	-

Source : State / UT Maritime Boards

Table 1.1

Equipment Available at Various Non-Major Ports Mar on 31.3.2010

(in %)

State/Port/Year	Dredgers	Cranes			Derrick	Barges		Lighter	Tug	Pilot	Fork Lift
		Up to 5 tons	4 to 10 tons	Above 10 tons		Self- Propelled	Other				
1	2	3	4	5	6	7	8	9	10	11	12
GUJARAT											
Mumbai	-	-	-	2	1	-	-	-	1	-	-
2007-08	-	-	-	-	1	-	-	-	1	-	-
2008-09	-	-	-	-	-	-	-	-	-	-	-
Valarunda	-	-	-	-	-	-	-	-	-	-	-
2007-08	1	-	-	2	-	-	-	2	0	-	-
2008-09	1	-	-	2	-	-	-	2	0	-	-
Okha	-	-	1	-	-	-	-	-	1	-	-
2007-08	-	-	1	-	-	-	-	-	1	-	-
2008-09	-	-	-	-	-	-	-	-	-	-	-
Porbandar	1	2	-	4	3	1	1	5	8	-	-
2007-08	1	-	-	2	2	1	1	1	4	-	-
2008-09	-	-	-	-	-	-	-	-	-	-	-
2009-10	1	2	-	-	-	-	-	2	0	-	-
2010-11	1	7	-	-	-	-	-	2	4	-	-
GTPL	-	-	-	-	-	-	-	-	-	-	-
2007-08	-	-	-	2	-	-	-	1	-	-	-
2008-09	-	-	-	2	-	-	-	-	-	-	-
Wardha	-	-	-	-	-	-	-	-	-	-	-
2007-08	-	-	-	3	-	-	-	-	-	-	-
2008-09	-	-	-	1	-	-	-	-	-	-	-
Haripur	-	-	-	-	-	-	-	-	-	-	-
2007-08	-	-	-	1	-	-	-	1	-	-	-
2008-09	1	-	-	1	-	-	1	1	-	-	-
Chandrapur	-	-	-	-	-	-	-	-	-	-	-
2007-08	✓	8	-	-	-	-	-	-	1	-	-
2008-09	5	-	-	-	-	-	-	-	1	-	-
Marol	-	-	-	-	-	-	-	-	-	-	-
2007-08	-	-	-	-	-	-	-	-	1	-	-
2008-09	-	-	-	-	-	-	-	-	1	-	-
TAMIL NADU											
Palaniyandur	-	-	-	-	1	-	-	1	2	-	-
2007-08	-	-	-	-	-	-	-	-	2	-	-
2008-09	-	-	-	-	-	-	-	-	-	-	-
Madhavaram	-	-	-	-	1	1	-	10	2	-	-
2007-08	-	-	-	-	4	2	-	11	2	-	-
2008-09	-	-	-	-	-	-	-	-	-	-	-
2009-10	-	-	-	-	-	-	-	-	-	-	-
2010-11	-	-	-	-	-	-	-	-	-	-	-
KERALA											
Maradikam	1	-	-	-	-	4	-	-	1	-	-
2007-08	1	-	-	-	-	4	-	-	1	-	-
2008-09	-	-	-	-	-	-	-	-	-	-	-
Kandamangalam	-	8	-	5	-	-	-	-	3	-	-
2007-08	-	5	-	2	-	-	-	-	3	-	-
2008-09	-	-	-	-	-	-	-	-	-	-	-
2009-10	-	-	-	-	-	-	-	-	-	-	-
2010-11	-	-	-	-	-	-	-	-	-	-	-

Table 10 (Contd.)

Equipment Available at Various Non-Major Ports Mar on 31.3.2011

State/Port	Year	Craneage	Cranes			Barges			Lighters	Tugs	Pilotage	Fork Lifts
			Up to 10 tons	11 to 20 tons	21 to 40 tons	Dredgers	Self-Propelled	Non-Self-Propelled				
1	2	3	4	5	6	7	8	9	10	11	12	
MAHARASHTRA												
2007-08	1	-	-	-	1	1	-	0	5	-	-	
2008-09	1	-	-	-	1	2	-	0	5	-	-	
CHHATTISGARH												
2007-08	-	-	-	-	-	-	-	2	-	-	-	
2008-09	-	-	-	-	-	-	-	2	-	-	-	
PUDUCHERRY												
2007-08	3	-	-	-	-	-	-	1	-	-	-	
2008-09	3	-	-	-	-	-	-	1	-	-	-	
GOA												
2007-08	1	-	-	-	-	-	-	2	1	-	-	
2008-09	1	-	-	-	-	-	-	2	1	-	-	
KARNATAKA												
2007-08	-	-	-	-	-	-	-	-	-	-	-	
2008-09	3	2	-	-	7	20	-	2	7	-	-	
Orissa Mangalore												
2007-08	-	-	-	1	-	-	-	-	-	-	-	
2008-09	-	-	-	1	-	-	-	-	-	-	-	
ANDHRA PRADESH												
Kakinada Anchorage Port												
2007-08	2	-	-	-	4	-	-	3	0	-	-	
2008-09	2	-	-	-	7	1	-	10	0	-	-	
Palakurthi Deep Water Port												
2007-08	-	10	-	3	-	-	-	1	4	-	-	
2008-09	-	2	-	-	-	-	-	-	4	-	13	
Krishnapatnam												
2007-08	-	-	-	-	-	-	-	-	-	-	-	
2008-09	-	-	2	-	2	-	-	2	4	-	-	
Orissa												
Angul Port												
2007-08	1	-	4	-	4	0	-	3	-	-	-	
2008-09	1	-	4	-	4	0	-	2	-	-	-	
AMBALIKATA												
NICOBAR ISLAND												
Port Blair												
2007-08	2	-	2	2	4	-	-	2	3	-	10	
2008-09	2	-	2	2	4	-	-	2	2	-	7	
Mayabunder												
2007-08	-	-	2	-	-	-	-	-	-	-	2	
2008-09	-	-	2	-	-	-	-	-	-	-	2	
Mayabunder												
2007-08	-	-	1	-	1	-	-	-	-	-	-	
2008-09	-	-	1	-	2	-	-	-	-	-	-	
Orkutkumbh												
2007-08	-	-	2	2	1	-	-	-	-	-	2	
2008-09	-	-	2	2	1	-	-	-	-	-	5	
Haldia												
2007-08	-	-	-	2	2	-	-	-	-	-	5	
2008-09	-	-	-	2	2	-	-	-	-	-	5	
Paradwadi												
2007-08	-	-	-	1	-	-	-	-	1	-	2	
2008-09	-	-	1	1	2	-	-	-	1	-	4	
Campbell												
2007-08	-	-	2	2	-	-	-	-	1	-	5	
2008-09	-	-	2	2	-	-	-	-	1	-	5	
Pangal												
2007-08	-	-	-	-	-	-	-	-	-	-	1	
2008-09	-	-	-	-	-	-	-	-	-	-	1	

1. Above all vessels are not provided to each other. For details, see Table 10A, B and C, page 10.

2. In Kerala and previous years, there were sufficient number of Cranes, but (propel and fuel) etc.

Source: Data/UT Information Board

Table 1.2

**State-Wise Navigational Aids Maintained By Department
of Light-Houses and Light-Ships (As on 31.3.2009)**

(Number)

Maritime States/UTs	General Light buoys	Light buoy	WWP RT net	Mooring	Light Vessel	Launch as	Light House Tender	DGPS
1	2	3	4	5	6	7	8	10
Gujarat	48	21	10	18	1	-	1	4
Maharashtra	70	1	-	8	-	-	-	2
Goa, Daman & Diu	2	-	-	1	-	-	-	1
Karnataka	7	-	4	-	-	-	-	1
Kerala	16	-	-	5	-	-	-	1
Tamil Nadu	15	-	3	3	-	-	-	3
Puducherry	1	-	-	1	-	-	-	1
Andhra Pradesh	10	-	5	6	-	-	-	3
Orissa	5	-	4	2	-	-	-	1
West Bengal	1	-	3	1	-	-	-	1
Andaman & Nicobar Islands	31	-	1	5	-	-	1	3
Lakshadweep	10	-	2	5	-	-	-	1
Total	177	22	40	50	1	-	2	22

Source : Directorate General of Light Houses & Light Ships.

SECTION – II

2. CURRENT PORT STATISTICS

2.1 MAJOR PORTS

2.2 NON-MAJOR PORTS

Table 2.31 Traffic Handled At Major Ports in India -2008-09

In '000 Tonnes

Port	Overseas				Coastal				Overseas & Coastal			
	Un-Loaded	Loaded	Transshipment	Total	Un-Loaded	Loaded	Transshipment	Total	Un-Loaded	Loaded	Transshipment	Total
1	2	3	4	5	6	7	8	9	10	11	12	13
Kanika	42233	14014	1040	54277	3537	4010	0	7547	55180	15024	4340	72224
Mumbai	22068	4487	8240	32801	1313	4772	12292	13875	24175	3257	12240	51076
J.L. Nehru	25203	24916	2000	52124	2186	2299	320	5470	27999	27834	5991	57256
Bombay	8355	34223	0	40553	617	414	0	1031	7017	34999	0	41931
New Mangalore	15760	12871	0	28631	3304	2658	0	6062	15064	15727	0	30791
Cochin	9343	3747	0	11090	3440	364	0	4404	13723	2711	0	16434
Tuticorin	13548	6071	562	14312	5128	593	0	5690	15723	5234	562	22011
Chennai	30028	21969	0	52011	4547	669	0	5470	34966	22948	0	57491
Bombay	1449	1111	333	2893	6647	0	0	6647	3920	1111	333	11600
Vishakhapatnam	25622	14138	2279	42039	3223	14093	2826	20142	30337	33341	6918	69696
Paradip	19412	19181	0	38593	1408	11340	0	12748	16996	22227	0	45412
Haldia Dock Complex	24793	10622	0	35415	3123	3063	0	6186	37673	13919	0	51592
Kolkata Dock Complex	3028	3411	254	11201	890	217	0	1107	5256	3535	3544	12335
All Ports	247146	122023	15706	427480	41252	45442	18549	105244	222441	210911	21848	455200

Source : Major Ports

Table 2.12

Traffic Handled At Major Ports
by Selected Commodities - 2008-09

('000 Tonnes)

Port	PCL and Coastal Ports	Iron Ore	Fertiliser	PJM (Dry)	Feed- grains	Coal	Container Cargo		Others	Total
							100 Tonnes	100 TEU		
1	2	3	4	5	6	7	8	9	10	11
Kandla	45536	129	5185	299	1029	1674	3139	137	14925	72226
Mumbai	34571	-	136	210	479	3676	1241	62	11913	51879
J.L. Nehru	4551	-	-	-	-	-	13502	3253	2143	57298
Northam	1030	20809	162	-	-	4316	178	14	1815	21831
New Mangalore	21303	9774	933	18	111	1329	434	28	2227	38661
Cochin	16462	-	169	263	-	769	2522	261	763	16494
Tiruchir	503	-	147	577	186	8547	5432	43	7991	12011
Chennai	11132	2848	519	267	22	8646	20581	1124	6279	61427
Eranga	269	1544	-	-	-	9706	1177	-	916	11509
Vishakhapatnam	83738	17519	3406	128	627	11020	1361	58	1556	69909
Paradeep	2240	54272	173	3357	-	20462	34	2	6194	46412
Haldia Dock GWH phase	16710	8727	319	230	7	7639	2375	127	5051	41702
Kolkata Dock System	2428	497	-	22	21	3	3476	302	5972	12478
All Ports	174253	82969	12171	8100	2401	75925	30440	6376	72169	220804

1. Thermal Coal & Coking Coal
Source: Major Ports

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

2006-07, 2007-08 & 2008-09

[illegible]

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

2006-07, 2007-08 & 2008-09

Commodity	(In '000 Tonnes)										Haldia Dock Complex									
	2006-07					2007-08					2008-09									
	Unloading	Overseas	Coastal	Total	Unloading	Overseas	Coastal	Total	Unloading	Overseas	Coastal	Total	Unloading	Overseas	Coastal	Total	Unloading	Overseas	Coastal	Total
1	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
PCA (Coke)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCA Products	1004	209	2703	1276	1426	2449	1426	2449	2449	2449	2449	2449	2449	2449	2449	2449	2449	2449	2449	2449
Fertilizer	428	0	428	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PMU - Dry	374	0	374	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PMU - Liquid	539	0	539	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food Grains	7	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron & Steel	239	400	708	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	0	0
Alumina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alumina	308	0	308	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	0	0
Working Coal	5428	0	5428	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	0	0
General	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Loading Infr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coffee - Dry	185	0	185	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	0	0
Chemicals	645	340	985	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	3041	1152	4193	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	14237	10276	24513	2007	2009	1900	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009	2009

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

2006-07, 2007-08 & 2008-09

(In '000 Tonnes)

Vishakhapatnam

Commodity	2006-07						2007-08						2008-09					
	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	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
POL Crude	6334	1	6335	3380	1	3381	1	7655	1128	0	1128	0	3432	3432	0	3432	0	3432
POL Products	962	1274	2236	1479	1262	2741	1690	6451	3113	1254	4367	1773	2044	4557	1173	2077	1173	3452
Fuel Oil	2210	1	2211	0	0	0	0	3682	541	0	644	0	3408	3408	0	3408	0	0
PRM - Dry	137	0	137	0	0	0	0	718	0	0	0	0	723	723	0	723	0	0
PRM - Liquid	427	0	427	0	0	0	0	642	137	0	137	0	238	238	0	238	0	238
Rice Grains	1418	297	1715	1	26	27	189	644	0	0	0	0	441	441	0	441	0	441
Wheat Grains	241	340	581	1	1	2	180	613	0	0	0	0	523	523	0	523	0	523
Iron Scrap	1	0	1	1	14	15	26	0	0	0	0	0	23	23	0	23	0	0
Sugar	1	12	13	1	4	5	0	0	0	0	0	0	3	3	0	3	0	0
Veg Oil	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SFM	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coaling Coal	9740	0	9740	1	0	1	3424	7452	0	18	18	0	1671	1671	0	1671	0	1671
Thermal Coal	0	0	0	0	2408	2408	0	0	0	0	0	0	0	0	0	0	0	0
Gravel	0	0	0	0	0	0	23	0	0	0	0	0	0	0	0	0	0	0
Iron Ore/Minerals	0	6139	6139	43	8374	8417	0	6788	531	531	1062	0	6614	6614	0	6614	0	6614
Other Ore	318	40	358	180	0	180	649	74	723	171	0	0	52	52	0	52	0	52
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemicals	200	21	221	164	0	164	240	0	238	153	0	197	339	339	0	339	0	339
Others	4794	2843	7637	60	67	127	4320	3376	7736	1	80	81	3499	3579	3579	116	170	286
Total	23979	10648	34627	2008	12476	11704	25145	15742	44387	6833	10180	16110	21200	17499	48699	14136	14136	54530

Tel: 87:
1234567

2006-07. 2007-08 & 2008-09

(In '000 Tonnes)

channel

[illegible]

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

2006-07, 2007-08 & 2008-09

Commodity	(In '000 Tonnes)												Tatcaeria											
	2006-07				2007-08				2008-09				2008-09				2008-09				2008-09			
	Unloaded	Loaded	Total		Unloaded	Loaded	Total		Unloaded	Loaded	Total		Unloaded	Loaded	Total		Unloaded	Loaded	Total		Unloaded	Loaded	Total	
1	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
PC's Goods	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PC's Products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PC's 40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PC's 40 Dry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PC's - Liquid	0	0	0	0	0	0	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	0	0	0	0	0	0
Non-Food	0	0	0	0	0	0	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	0	0	0	0	0	0
Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waste Oil	0	0	0	0	0	0	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	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	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	0	0	0	0	0	0
Genet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal Products	0	0	0	0	0	0	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	0	0	0	0	0	0
Timber & Cattle	0	0	0	0	0	0	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	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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

2006-07, 2007-08 & 2008-09

Table - 24.
Tonnage

Download By	(In '000 Tonnes)										Cochin									
	2006-07					2007-08					2008-09									
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Overseas	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Total
1	14	15	16	17	18	19	14	15	16	17	18	19	14	15	16	17	18	19	19	19
TOTAL Cochin	5276	9	5285	3324	0	3324	5666	180	5752	5846	0	5846	5333	20	5448	5354	278	278	278	278
POK Products	272	42	314	473	1813	2286	182	300	482	573	1400	5400	524	273	798	767	743	743	743	1413
Barilla	14	0	14	0	0	0	82	0	82	0	0	0	793	0	793	0	0	0	0	0
Coconut - Dry	802	0	802	0	0	0	207	0	207	0	0	0	205	0	205	0	0	0	0	0
Coconut - Liquid	23	0	23	0	0	0	33	0	33	0	0	0	36	0	36	0	0	0	0	0
Food Grains	183	0	183	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron & Steel	32	0	32	28	0	28	170	2	172	4	0	4	182	3	185	0	0	0	0	0
Iron & Scrap	123	0	123	5	0	5	0	0	0	23	0	23	24	0	24	0	0	0	0	0
Sugar	0	0	0	3	0	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0
Urea - 33	29	0	29	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crude Oil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thermal Coal	218	3	221	0	0	0	516	1	517	0	0	0	509	0	509	0	0	0	0	0
Gravel	20	0	20	0	0	0	2	0	2	0	0	0	45	3	48	0	0	0	0	0
Iron & Scrap	0	0	0	0	0	0	37	0	37	0	0	0	0	0	0	0	0	0	0	0
Crude Oil	0	0	0	0	0	0	51	0	51	0	0	0	0	0	0	0	0	0	0	0
Iron & Steel	4	0	4	0	0	0	6	0	6	0	0	0	0	0	0	0	0	0	0	0
Chemicals	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
Others	1764	4204	5968	153	22	175	4028	48	4076	0	0	0	378	61	439	0	0	0	0	0
TOTAL	5913	4803	10716	3477	1899	5376	8729	2120	10849	3887	1401	5288	9313	102	11290	3400	584	584	584	584

2006-07, 2007-08 & 2008-09

(In '000 Tonnes)

Table 2.3.3
Continued

Table 2.3.3 - Port-wise and Principal Commodity-wise -
2006-07, 2007-08 & 2008-09

Commodity	2006-07										2007-08										2008-09										Mumbai
	Overseas					Coastal					Overseas					Coastal					Overseas					Coastal					
	14	15	16	17	18	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total							
1	(In '000 Tonnes)																														
POL Grade	12575	0	12575	6193	6382	12730	47733	47733	47733	47733	47733	47733	47733	47733	47733	47733	47733	47733	47733	47733	47733	47733	47733	47733							
POL Products	12575	2115	3322	1110	6382	19923	34117	34117	34117	34117	34117	34117	34117	34117	34117	34117	34117	34117	34117	34117	34117	34117	34117	34117							
Paraffin	139	0	139	0	139	139	139	139	139	139	139	139	139	139	139	139	139	139	139	139	139	139	139	139							
PMA - Crk	297	0	297	0	297	297	297	297	297	297	297	297	297	297	297	297	297	297	297	297	297	297	297	297							
PMA - Light	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
Total Soluble	177	60	237	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
Non Soluble	2702	2000	4702	71	0	0	1412	628	3100	0	0	1412	628	3100	0	0	1412	628	3100	0	0	1412	628	3100							
Non Soluble	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
Crude	1	297	298	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
Wax (all)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
Oil	1	1	2	22	0	22	0	22	0	22	0	22	0	22	0	22	0	22	0	22	0	22	0	0							
Crude Oil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
Thermal Oil	223	0	223	0	0	0	223	223	223	223	223	223	223	223	223	223	223	223	223	223	223	223	223								
Carrier	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
Non Crude Products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
Other Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
Total Gas (all)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
Crude oil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
Other	297	110	1497	210	0	327	1026	1026	1026	1026	1026	1026	1026	1026	1026	1026	1026	1026	1026	1026	1026	1026	1026								
Total	1111	6702	30203	6224	2939	16121	34223	34223	34223	34223	34223	34223	34223	34223	34223	34223	34223	34223	34223	34223	34223	34223	34223								

Note: Coastal cargo includes bulk cargo of POL products in liquid and solid form. The total is arrived through the following breakdown by year

Table 2.1.5
Continued

Traffic Handled - Port-Wise and Principal Commodities

2006-07, 2007-08 & 2008-09

Commodity	2006-07										2007-08										2008-09										
	Portwise					Coastal					Overseas					Coastal					Overseas					Coastal					
	Unloaded	Loaded	Total	Unloaded	Total	Unloaded	Loaded	Total	Unloaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total						
1	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	
Coal	24751	0	24751	3004	0	3004	28333	0	28333	0	28333	0	28333	0	28333	0	28333	0	28333	0	28333	0	28333	0	28333	0	28333	0	28333	0	28333
Oil Products	1900	200	2100	1200	30	1230	1743	5000	1743	5000	1743	5000	1743	5000	1743	5000	1743	5000	1743	5000	1743	5000	1743	5000	1743	5000	1743	5000	1743	5000	1743
Foodstuffs	2300	0	2300	0	0	0	2300	0	2300	0	2300	0	2300	0	2300	0	2300	0	2300	0	2300	0	2300	0	2300	0	2300	0	2300	0	2300
Grain - Dry	500	0	500	0	0	0	500	0	500	0	500	0	500	0	500	0	500	0	500	0	500	0	500	0	500	0	500	0	500	0	500
Grain - Liquid	1170	0	1170	0	0	0	1170	0	1170	0	1170	0	1170	0	1170	0	1170	0	1170	0	1170	0	1170	0	1170	0	1170	0	1170	0	1170
Construction	170	100	270	0	0	0	270	100	270	0	270	100	270	0	270	100	270	0	270	100	270	0	270	100	270	0	270	100	270	0	270
Iron & Steel	172	210	382	11	20	31	1127	12	1239	11	1239	12	1239	11	1239	12	1239	11	1239	12	1239	11	1239	12	1239	11	1239	12	1239	11	1239
Iron Scrap	140	0	140	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Alumina	0	150	150	0	0	0	150	200	350	0	350	200	550	0	550	200	550	0	550	200	550	0	550	200	550	0	550	200	550	0	550
Waste	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Colliery Spoil	371	1	372	0	0	0	372	0	372	0	372	0	372	0	372	0	372	0	372	0	372	0	372	0	372	0	372	0	372	0	372
Thermal Coal	200	1	201	0	0	0	201	0	201	0	201	0	201	0	201	0	201	0	201	0	201	0	201	0	201	0	201	0	201	0	201
Gen. Fuel	2	100	102	0	0	0	102	0	102	0	102	0	102	0	102	0	102	0	102	0	102	0	102	0	102	0	102	0	102	0	102
Iron Ore Pellets	177	1	178	0	0	0	178	0	178	0	178	0	178	0	178	0	178	0	178	0	178	0	178	0	178	0	178	0	178	0	178
Other Ore	0	100	100	0	0	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100
Thermal Carbon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Chemicals	1000	100	1100	0	0	0	1100	0	1100	0	1100	0	1100	0	1100	0	1100	0	1100	0	1100	0	1100	0	1100	0	1100	0	1100	0	1100
Others	1700	100	1800	110	100	210	1800	100	1900	110	1900	100	2000	110	2100	100	2000	110	2100	100	2000	110	2100	100	2000	110	2100	100	2000	110	2100
Total	10000	10000	20000	10000	10000	10000	20000	10000	20000	10000	20000	10000	20000	10000	20000	10000	20000	10000	20000	10000	20000	10000	20000	10000	20000	10000	20000	10000	20000	10000	20000

Table 3.14

**Percentage Share of Indian Flag in The Overseas
Cargo Traffic Handled At Indian Ports**

Port	2006-07 (%)			2007-08 (%)			2008-09 (%)		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	5	6	7	8	9	10	11	12	13
MAJOR PORTS	21.4	6.3	16.8	16.4	6.7	11.5	18.7	5.2	10.4
Kandla	17.0	4.3	10.5	11.0	3.2	6.4	4.5	2.1	7.9
Mumbai	20.0	16.4	28.1	20.2	14.1	22.2	28.6	22.6	27.7
J.N.P.T.	6.3	9.0	5.1	0.0	0.5	0.7	1.4	7.9	2.2
Mormugao	7.3	6.6	5.1	10.8	7.1	6.6	5.3	6.2	6.2
M.Mangalore	30.5	8.2	31.4	32.2	9.9	22.4	34.0	6.6	22.5
Cochin	34.5	1.8	29.0	36.0	0.5	15.5	18.6	1.7	50.6
Tuticorin	10.5	0.7	7.2	6.0	0.4	0.6	0.4	0.7	0.4
Chennai	14.6	5.0	10.6	10.0	6.0	7.7	8.4	8.3	8.3
Vizag	27.3	8.8	21.1	24.7	8.7	16.4	23.4	5.5	27.6
Paradeep	6.6	7.4	0.0	7.5	7.3	7.5	7.1	6.4	0.2
Haldia Dock Complex	20.0	5.4	38.1	22.4	7.0	18.0	26.0	7.5	20.3
Kolkata Dock System	8.5	0.0	5.0	1.4	2.3	1.6	1.7	2.7	7.0
Ennore	0.0	7.4	1.7	4.0	0.0	1.7	0.0	0.0	0.0
NON-MAJOR PORTS	9.8	3.4	3.4	3.4	4.2	3.4	4.6	2.8	2.4
All Ports	17.6	6.3	13.5	11.8	6.2	9.0	10.2	4.6	9.7

Tank 215
**Container Traffic Reported at Major Ports - Tamil Nadu -
2006-07, 2007-08 & 2008-09**

Type	KANDLA			MUMBAI			(Nos.) Jawaharlal Nehru		
	2006-07	2007-08	2008-09	2006-07	2007-08	2008-09	2006-07	2007-08	2008-09
	1	2	3	4	5	6	7	8	9
IMPORT									
20'	95913	87766	12719	16462	75453	48960	259434	138700	184778
40'	61738	55825	54621	48940	33432	33749	70039	97666	75937
40'	17842	19438	19344	22784	13900	17870	41200	60898	51137
Stuffed									
20'	54989	42938	49441	34546	01007	41122	1192915	1525862	1554326
40'	18823	20001	21208	24452	20899	13334	584257	729170	710070
40'	13670	16778	19007	23228	18909	11277	314514	401684	418128
Empty									
20'	11660	20180	25278	7314	1846	6902	23551	24479	28483
40'	32316	25749	27322	17449	6608	6188	122743	122332	159687
40'	4472	5240	207	2089	1551	1802	32337	41197	17724
EXPORT									
20'	60071	72227	54452	39388	44377	37764	1020137	1329798	1329871
40'	60002	51171	44074	24520	11717	30410	82288	88388	81283
40'	12888	10333	753	4070	1095	7437	412828	486005	481234
Stuffed									
20'	79060	60147	62039	24212	45143	19541	1450714	1660442	1620088
40'	51678	60889	41839	25222	11617	89807	881127	86888	783088
40'	17108	8825	5289	7494	1900	1891	323255	440373	427076
Empty									
20'	3385	4147	8217	3793	435	721	137443	159159	118122
40'	924	328	2439	1925	164	627	45949	47801	46037
40'	1731	1800	1889	1578	187	18	35400	57828	74314
TRANSHIPMENT									
20'	-	-	-	9701	6622	9528	228728	301807	210010
40'	-	-	-	6206	4944	4124	78875	117275	60010
40'	-	-	-	274	1117	1147	78878	101667	82847
Stuffed									
20'	-	-	-	3751	6629	6624	152887	272233	151519
40'	-	-	-	9201	4924	4394	59187	113393	71711
40'	-	-	-	274	1117	1147	61241	80685	40782
Empty									
20'	-	-	-	-	-	-	39052	44948	53733
40'	-	-	-	-	-	-	7785	8144	14425
40'	-	-	-	-	-	-	14130	18879	72135
TOTAL									
20'	177787	189032	137169	138814	10793	97457	5506207	680841	7452770
40'	117451	107000	87007	61231	70879	81628	1480770	1847371	1792726
40'	25478	28040	20492	27182	21019	19433	860775	1107785	1080017
Stuffed									
20'	133651	130781	104876	112341	119970	69407	2519259	2487784	2338809
40'	74304	80816	67844	60809	6888	66241	1230328	1835944	1570317
40'	24575	24088	17688	22789	19285	13733	759150	928910	687747
Empty									
20'	43838	34314	25483	22977	5471	8086	470025	612077	517151
40'	28571	37387	24754	18449	5385	5885	180174	211327	223449
40'	5603	4112	2885	4112	1718	1700	149425	188076	197171

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

The above 3630 TEUs of empty, the break up of which is given in table

Indicates the above data, the break up of which is given in table

Table 2.16
(Contd...)

Shipping Traffic Statistics of Major Ports - (Tonnage) -
2006-07, 2007-08 & 2008-09

2006-07, 2007-08, 2008-09							(Nos.)			
Type	MUMBAI			NEW MANGALORE			COCHIN (C)			
	2006-07	2007-08	2008-09	2006-07	2007-08	2008-09	2006-07	2007-08	2008-09	
1	2	3	4	5	6	7	8	9	10	
IMPORT		7145	6277	7660	5377	11011	14489	114554	124775	130705
20'		2900	3003	3160	3333	8579	1087	42122	36714	37289
40'		2189	2126	2142	1439	2211	2725	26273	27231	25888
30'x40'		5829	3768	5528	4619	7247	12513	79109	91430	103557
20'		2487	2760	3375	3009	4571	7371	62929	42129	71911
40'		1557	1556	1192	880	1129	1021	12925	17909	19479
Crude		1349	1332	1802	4379	3709	3879	26901	30749	21199
20'		382	419	79	2740	1799	1799	1865	1865	6699
40'		519	699	769	1119	1031	1109	13416	11779	8799
EXPORT		8007	8791	6167	8413	10940	14072	111877	124523	159810
20'		2375	2742	2537	5539	8945	9100	50522	56177	73162
40'		1821	2064	2275	1412	2089	5460	28939	37739	27782
Skilled		1072	4921	5099	7289	7599	3734	24779	91479	81991
20'		2124	2231	1999	4090	1752	3739	10800	49901	10091
40'		1094	1901	1999	1910	1419	1499	20949	22969	26999
Crude		1799	1799	1699	1139	2091	6999	17109	27162	36429
20'		261	409	694	791	1099	3999	14769	28919	20719
40'		767	169	519	157	692	907	1160	1729	5979
WAREHOUSE		-	-	-	-	-	-	197	479	774
20'		-	-	-	-	-	-	197	299	281
40'		-	-	-	-	-	-	51	199	272
Skilled		-	-	-	-	-	-	19	419	104
20'		-	-	-	-	-	-	54	189	104
40'		-	-	-	-	-	-	19	119	19
Crude		-	-	-	-	-	-	219	329	828
20'		-	-	-	-	-	-	133	151	118
40'		-	-	-	-	-	-	47	49	290
TOTAL		15999	15027	14227	13700	21450	28776	226772	249301	290514
20'		6944	6647	6761	11698	13224	18129	78122	91401	111372
40'		3929	4191	4217	2851	3311	6229	31234	30160	34799
Skilled		10911	10609	10933	11853	14919	8247	17999	19949	18901
20'		5111	4819	5574	5571	9743	10009	18949	18949	111099
40'		2422	2617	2575	1949	2796	8119	28929	49962	49276
Crude		1271	4174	1294	5797	6925	9090	15799	28121	18919
20'		699	829	717	2797	3391	6199	24507	21631	36408
40'		1299	1271	1291	1925	1797	2090	14211	13105	14120

(c) There were no ships at the port of Mumbai for the year 2006-07, 2007-08 and 2008-09 respectively.

Table 2.16
(Contd..)

Container Traffic Handled at Major Ports - Tamil Nadu -
2006-07, 2007-08 & 2008-09

(Nos.)

Type	TUTICORIN			CHENNAI			VISAKHAPATNAM		
	2006-07	2007-08	2008-09	2006-07	2007-08	2008-09	2006-07	2007-08	2008-09
1	2	3	4	5	6	7	8	9	10
IMPORT	100660	220283	213560	451709	773313	525155	25247	33273	43470
20	77900	124853	90736	330009	745517	275567	15267	20117	36754
40	61670	85279	51657	110605	145435	154544	5275	6509	8462
Stacked									
20	44914	55162	73221	300997	285330	257544	6011	12361	14423
40	25406	29711	26152	109947	142993	179728	6911	4104	6510
Empty									
20	37949	16278	13433	22277	30107	14423	7166	5796	9100
40	36154	33185	14465	8826	9797	3449	1994	1729	1793
EXPORT	74612	230171	224654	424517	522201	640753	21626	28479	44596
20	54034	94756	93990	211105	277267	260404	17363	12442	27912
40	37514	61925	65262	106707	136479	144873	5065	7017	6741
Stacked									
20	70621	61953	98373	164745	227679	226967	15223	21323	27714
40	60919	69993	55255	87744	69029	56628	4324	4311	4123
Empty									
20	5649	5463	9079	65740	113551	126125	5199	6464	13124
40	2463	7471	4566	76334	24653	34067	4075	1490	2931
TRANS-SHIPMENT	-	-	-	-	-	-	370	1709	990
20	-	-	-	-	-	-	370	1709	990
40	-	-	-	-	-	-	-	490	278
Stacked									
20	-	-	-	-	-	-	370	520	990
40	-	-	-	-	-	-	-	26	404
Empty									
20	-	-	-	-	-	-	-	442	-
40	-	-	-	-	-	-	-	21	-
TOTAL	377102	480590	438214	886227	1295514	1133908	56473	71123	88124
20	185940	188294	184626	435143	557867	626371	57156	43333	53235
40	165061	130587	128652	212573	210810	200210	11221	13323	17137
Stacked									
20	123225	147600	145256	315448	503205	463091	24873	37064	41793
40	51374	55100	53417	197934	226660	246068	7135	9289	15021
Empty									
20	33433	42414	18443	40090	54750	52480	3281	6276	9127
40	27737	31197	33509	31618	43218	46665	4026	4629	6201

(a) These values include 12000 empty containers of type 45 ft. General Port and minor ports are not included. (b) Data for 2006-07, 2007-08 & 2008-09 are preliminary.

Table 21.5
(Contd.)

Commodity Trade and Imports of Major Ports - Trade-wise -
2006-07, 2007-08 and 2008-09

(Nos.)

Ports	PARADIP			HALDIA			KOLKATA		
	2006-07	2007-08	2008-09	2006-07	2007-08	2008-09	2006-07	2007-08	2008-09
1	2	3	4	5	6	7	8	9	10
IMPORT	1248	2075	1196	43321	58245	57004	123700	162901	157453
20'	7245	2075	1196	23215	31625	31885	70172	95143	89907
40'	-	-	-	10704	18252	12172	24625	14376	21725
20'x40'	-	31	2	1788	5123	53115	106735	14117	144733
30'	-	31	2	27938	31385	29707	22281	20648	27965
40'	-	-	-	10271	12137	11824	22577	20443	27405
Empty	1248	2044	1134	254	800	3332	20133	12336	12616
20'	7245	2044	1134	437	880	2134	11031	2773	1012
40'	-	-	-	82	185	340	4437	3411	2752
EXPORT	1229	2113	1170	80315	66672	72247	110041	134136	144174
20'	1229	2113	1170	47781	42222	51172	86623	77082	79303
40'	-	-	-	3542	11283	2401	25009	20887	12704
20'x40'	1229	2068	1170	32736	21007	20233	21275	106104	110810
30'	1229	2068	1170	42242	48007	46779	34222	34160	28343
40'	-	-	-	7100	2272	3353	13175	21822	25473
Empty	-	13	-	3107	879	10859	20706	24285	25127
20'	-	13	-	445	2023	2053	8787	11137	10383
40'	-	-	-	1347	2877	2403	1224	7024	7216
TRANSIT-MECH	-	-	-	-	-	-	-	-	-
20'	-	-	-	-	-	-	-	-	-
40'	-	-	-	-	-	-	-	-	-
20'x40'	-	-	-	-	-	-	-	-	-
30'	-	-	-	-	-	-	-	-	-
40'	-	-	-	-	-	-	-	-	-
Empty	-	-	-	-	-	-	-	-	-
20'	-	-	-	-	-	-	-	-	-
40'	-	-	-	-	-	-	-	-	-
TOTAL	2477	4188	2366	116636	125117	129251	233741	297037	301627
20'	2477	4121	2288	72096	70420	83877	106805	124111	125203
40'	-	-	-	16810	12229	14174	29553	21129	32342
20'x40'	1229	2129	1170	33373	21000	20233	21275	106103	110810
30'	1229	2129	1170	70824	72172	70174	122227	123411	123403
40'	-	-	-	12476	22487	12179	13412	21822	25473
Empty	1248	2051	1134	4008	8015	3332	40132	25554	27615
20'	1248	2051	1134	1342	2244	2141	11144	17523	17673
40'	-	-	-	1348	2802	2212	11137	21822	25473

Table 216
Continued

Container Traffic Handled at Major Ports - Type-Wing -
2005-01-2007-03 and 2007-04

Page 1

Type	ALL PORTS		
	2005-07	2007-03	2007-04
1	2	3	4
IMPORT			
20'	2847870	3256873	3221051
40'	1311774	1670065	1562407
	886260	687360	647217
Stuffed			
20'	2006444	2633034	2470427
40'	1093038	1205856	1248163
	521178	672832	644523
Empty			
20'	504284	202284	277374
40'	271210	271100	287390
	181513	165567	148550
EXPORT			
20'	2811811	3120452	3112733
40'	1211046	1635018	1407540
	824610	731213	400125
Elcted			
20'	2174778	2702524	2671308
40'	1140328	1410523	1300738
	483075	575144	636506
Empty			
20'	234133	305528	426830
40'	57017	127380	115748
	76561	118074	141021
TRANSIT-MERU			
20'	233147	328272	213562
40'	85732	120451	82034
	76207	103810	64074
Surface			
20'	138588	207410	158211
40'	72814	117185	70593
	52528	35427	41559
Empty			
20'	38281	43325	50451
40'	7818	5054	14541
	14157	10480	28456
TOTAL			
20'	5638636	6704501 (b)	6678671 (b)
40'	2678063	3282421	3181317
	1430636	1733090	1407457
Stuffed			
20'	4372030	5037513	5507740
40'	2289470	2831287	2732000
	1180220	1432932	1487583
Empty			
20'	504024	1007048	11070216
40'	306174	408834	428287
	262265	300177	320704

(b) 2006-01-01 and 2006-01-01 TEUs in 2006-07, 2007 (08-03) and 2006-06 respectively. (b) 2007-04-01 by Census Bureau has been revised.

Table 3.0

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - 2007-08 & 2008-09

Commodities	General Cargo (000T)				Volume of Containerisation in Container Cargo		In % of Total General Cargo		Level of Containerisation % of Containerisation in General Cargo	
	Container Cargo		In % of General Cargo							
	2007-08	2008-09	2007-08	2008-08	2007-08	2008-08	2007-08	2008-08	2007-08	2008-08
1	2	3	4	5	6	7	8	9	10	11
ALL PORTS										
TOP 200										
1. Iron Ore/Gabon, S. & S. Iron Ore/iron ore	98	63	84	40	0.21	0.13	0.12	0.11	100.00	100.00
2. Metal & Metal products	243	157	8,78	938	0.52	0.51	1.12	0.98	27.72	17.11
3. Tea & Coffee	553	557	322	325	0.69	0.68	0.84	0.98	100.00	100.00
4. Fertilizers (Chemical Fertilizers)	84	179	1359	1443	0.18	0.38	2.37	2.52	0.52	4.78
5. Mineral products	777	2.3	322	203	1.47	0.43	1.39	0.26	100.00	100.00
6. Rubber	142	190	210	294	1.32	1.40	0.41	0.47	70.00	90.00
7. Fruits & Vegetables	42	10	83	79	0.10	0.29	0.12	0.13	95.56	92.14
8. Spices	71	72	73	32	0.16	0.16	0.13	0.14	100.00	100.00
9. Machinery, Handicrafts and other	78	73	73	74	0.18	0.17	0.12	0.11	100.00	100.00
10. Machinery/transportation equipment	143	153	164	177	0.31	0.33	0.21	0.22	94.67	79.84
11. Sugar and Sugarcane	61	60	31	20	0.13	0.11	0.05	0.09	100.00	100.00
12. Oils and Oils	0	0	0	0	0.03	0.08	0.08	0.08	-	-
13. Oil seeds/beans	9	1	218	164	0.02	0.04	0.02	0.08	4.79	11.47
14. Chemicals	88	22	912	998	0.19	0.19	1.13	1.19	93.11	99.98
15. Cotton	11	13	11	13	0.02	0.03	0.02	0.03	100.00	100.00
16. Jute & Jute Products	283	287	283	287	0.68	0.67	0.46	0.48	100.00	100.00
17. Leather & Leather Goods	2	2	2	2	0.11	0.15	0.08	0.13	100.00	100.00
18. Others	4001	3993	47848	44197	25.22	21.17	82.98	75.14	34.03	38.87
19. All General Cargo	47146	40279	52814	46634	46.17	46.02	31.63	28.31	61.14	61.91
20. Total (All)	5855	5536	3398	3306	0.28	0.28	0.40	0.40	99.97	100.00
21. Total (All)	1714	1895	1780	1888	0.73	0.68	0.08	0.27	100.00	100.00
Grand Total	4877	4834	57428	55261	106.80	105.88	108.08	101.00	61.84	64.93

Note: (1) For Unimodalities, Triticale and (2) S. & S. Iron ore commodity-wise break up of General Cargo is not available for 2007-08 & 2008-09. (3) For Oil of Chemicals, port, commodity-wise break up of Container Cargo and General Cargo for 2007-08 & 2008-09 are not available.

(4) In case of 100% containerisation in Indian ports, the volume of containerisation is 100%.

Container-Vessel Break-Up at Redstar and General Cargo and Level of Disbursements at Major Ports - Part-wise - 2007-08 & 2008-09

[illegible]

See the index page.

Commodity-Break-Down of Container and General Cargo and Level of Containerization of Major Ports- Port-wise- 2007-08 & 2008-09

Commodity	General Cargo (000T)				% Share of General Cargo to Total Container Cargo		% Share of Container Cargo to Total General Cargo		Level of Containerization of Container Cargo	
	Major Cargo		Total (General Cargo)		2007-08		2008-09		2007-08	
	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09
1	2	3	4	5	6	7	8	9	10	11
PORT WISE DATA DOCK Wise Data										
LOADED										
1 Textiles/Clothes etc., Knit & Cotton etc.	43	32	46	37	2.10	1.39	1.29	1.07	18.00	18.00
2 Metal articles	43	46	43	35	7.78	9.25	7.44	7.92	130.00	140.00
3 Irons/Steel	70	101	53	115	4.48	4.98	3.48	4.44	400.00	100.00
4 Petroleum products and Sulphur	7	44	11	82	0.07	1.61	0.41	2.75	85.00	50.00
5 Marine products	17	25	24	35	1.22	1.17	1.03	1.17	118.00	180.00
6 Fodder	3	2	6	1	0.03	0.03	0.01	0.00	-	-
7 Fruits & Vegetables	3	11	1	8	1.51	1.80	1.30	1.66	-	-
8 Grains	0	1	5	3	0.01	1.00	0.30	0.13	-	-
9 Machinery, Household and Industrial	0	16	1	15	0.00	1.06	0.00	2.53	-	00.00
10 Machinery/Industrial Transport equipment	22	25	24	25	1.16	1.18	0.87	1.21	41.00	57.22
11 Drugs and Medicines	8	17	8	17	0.47	0.74	1.34	0.37	70.00	100.00
12 Dyes and Colors	3	3	0	0	0.03	0.00	0.00	0.00	-	-
13 Chemicals etc.	4	2	6	7	0.22	0.09	0.77	0.00	100.00	100.00
14 Chemicals	1	9	7	8	0.37	0.39	1.34	0.00	100.00	100.00
15 Fertilizers	0	0	3	3	0.00	1.30	0.40	0.00	-	-
16 Iron & Steel Products	213	241	213	241	11.10	10.46	7.92	8.14	130.00	100.00
17 Iron & Steel Products	25	17	28	32	1.20	0.78	0.90	1.71	100.00	100.00
18 Irons	1180	1232	1180	1232	50.04	47.00	35.48	55.34	100.00	100.00
19 Irons/Steel	277	371	269	318	13.31	14.75	17.01	40.67	80.00	80.00
20 Chemicals	0	0	8	8	1.30	0.63	0.01	0.00	-	-
21 Miscellaneous	414	1061	1573	1184	43.04	43.96	48.15	44.00	52.11	44.14
22 All Commodities	2411	1907	2234	2673	84.86	85.96	84.13	58.81	57.29	74.14
23 Iron, Steel	243	241	232	240	10.04	10.44	40.00	18.41	130.00	100.00
24 Iron/Steel (Total)	46	16	31	34	-	-	-	-	-	-
Grand Total	1830	2201	2404	2790	100.00	100.00	100.00	100.00	100.00	100.00

(*) Cargo tonnage includes in respective container (gross weight). Total weight (gross weight) = 100.00

Table 2.1.7
(Contd...)

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2007-08 & 2008-09

Commodities	General Cargo (000T)				% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation in General Cargo	
	Container Cargo		Total General Cargo							
	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09
1	2	3	4	5	6	7	8	9	10	11
PORT-ALVARADO DOCK SYSTEM										
UNLOADED										
1. Iron & Steel	87	98	113	94	2.83	2.49	2.28	2.05	75.11	85.68
2. Vehicle & Motor Vehicle	267	198	267	122	3.43	2.05	1.26	4.28	100.00	100.00
3. Chemicals	294	252	384	222	11.35	11.41	1.27	7.21	100.00	100.00
4. Paper, Newspaper etc	63	63	63	63	1.50	1.63	1.29	1.48	100.00	100.00
5. Fertilizer & Insecticide	136	136	136	136	3.84	4.21	2.41	3.08	100.00	100.00
6. Machinery, Electrical and Transport equipment	263	264	263	263	8.81	8.59	3.37	7.08	51.32	60.33
7. Textiles/Clothing etc, Synthetic/Fabric etc	38	42	38	32	1.11	1.64	0.59	1.13	100.00	100.00
8. Miscellaneous	6	288	5	285	0.15	2.36	0.10	5.08	100.00	100.00
9. Miscellaneous Products	1	17	11	17	0.29	0.29	0.21	0.28	100.00	100.00
10. Oil, Lubricants	49	25	49	41	1.81	1.11	1.48	1.22	100.00	100.00
11. Miscellaneous	11	8	2	0	0.88	0.00	0.24	0.00	100.00	-
12. Energy (Coal, Gas, Oil, etc)	207	173	1286	830	3.43	3.85	26.71	16.23	9.63	20.11
13. Food & Ag & PMH	0	3	15	13	0.04	0.04	1.48	0.11	0.04	0.30
14. Industrial Alcohol & Synthetic Resin	0	3	11	1	0.04	0.04	0.49	0.02	-	-
15. Drugs & Chemicals	0	2	0	0	1.50	0.00	0.00	0.00	-	-
16. Textiles & Luggage	34	23	210	330	0.85	1.83	11.24	11.24	4.74	11.32
17. Others	1432	1213	1660	1126	41.40	38.28	28.51	28.24	91.24	63.21
18. Cattle/Goods	268	227	267	217	4.31	2.21	6.11	8.16	100.00	100.00
19. Metal Scrap	68	71	38	71	2.98	2.27	1.68	1.80	100.00	100.00
20. Miscellaneous	1138	693	1143	370	24.20	21.39	21.27	11.33	20.11	61.21
21. All Containers	2878	2823	4368	4159	82.97	62.30	33.13	33.12	34.14	81.26
22. Total Cargo	287	316	287	296	11.28	11.42	6.88	7.84	78.11	100.00
23. Transportation and others	24	19	30	10	0.81	1.19	0.00	0.30	-	-
Grand Total	3284	3152	8224	4905	108.83	100.00	100.00	100.00	51.30	18.11

(A) Containers are recorded in respective container type weights. Their weight is included in S.H.C.

Table 2.1.7
(Contd...)

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2007-08 & 2008-09

Commodity	General Cargo (000T)				No. Share of Commodities in Total Container Cargo		No. Share of Containerisation in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo							
	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09
1	2	3	4	5	6	7	8	9	10	11
PORTWISE LEVEL OF CONTAINERISATION										
LOADS										
1. Textiles/Cotton, etc. (Excl. Hosiery)	2	1	5	1	0.00	0.00	0.00	0.00	0.00	0.00
2. Iron & Steel products	139	28	184	35	9.92	2.88	8.02	2.53	100.00	100.00
3. Tea & Coffee	11	17	10	11	0.71	5.23	0.63	1.72	100.00	100.00
4. Foodstuffs (Excl. Rice and Pulses)	4	15	1	15	0.27	4.54	0.05	3.89	100.00	100.00
5. Mineral products	7	0	4	7	0.43	2.03	0.01	3.30	-	-
6. Fertiliser	2	11	6	1	0.13	3.20	0.03	0.81	-	-
7. Fertiliser (Excl. Urea)	3	0	1	3	0.19	1.81	0.00	0.00	-	-
8. Sugar	0	0	0	0	0.00	0.00	0.00	0.00	-	-
9. Petroleum products (Excl. Petroleum)	0	1	0	1	0.00	0.00	0.00	0.00	-	-
10. Chemicals (Excl. Urea and Fertiliser)	10	13	10	15	0.75	0.96	0.00	0.00	100.00	100.00
11. Drugs and Pharmaceuticals	1	0	0	0	0.06	0.00	0.00	0.00	-	-
12. Iron and Steel	8	9	0	0	0.52	1.10	0.00	0.00	-	-
13. Iron and Steel products	3	1	0	1	0.19	0.03	0.00	1.77	-	100.00
14. Chemicals	1	1	4	1	0.06	0.03	0.04	0.00	100.00	100.00
15. Petroleum	0	0	1	3	0.00	0.81	0.00	0.00	-	-
16. Iron and Steel products	21	18	43	10	1.35	1.21	0.23	0.00	100.00	100.00
17. Leather & its Products	4	2	1	2	0.26	0.56	0.00	0.00	100.00	100.00
18. Urea	1017	1211	1215	1416	73.54	42.18	46.00	35.18	71.11	35.75
19. Iron and Steel	3	0	0	1	0.00	0.00	0.00	0.00	-	-
20. Iron & Steel	441	215	558	592	26.78	26.87	41.52	36.63	58.61	63.27
21. Iron and Steel	875	521	915	493	41.43	32.24	41.43	34.71	21.17	34.06
22. Iron and Steel	1135	1117	92	57	56.33	11.47	51.13	100.00	40.00	63.73
23. Iron and Steel	45	8	144	1	0.29	0.03	0.00	0.00	100.00	-
24. Textiles/Cotton, etc. (Excl. Hosiery)	1	1	0	0	0.06	0.00	0.00	0.00	-	-
Grand Total	1983	1219	1874	1871	406.08	108.28	106.03	109.80	32.37	68.73

Table 2.1.7
(Contd...)

Community-Wise Break-Up of Container and General Cargo and Level of Concentration at Major Ports - Port-wise - 2007-08 & 2008-09

Commodity	General Cargo (000T)				% Share of Container in Total Container Cargo		% Share of Commodity in Total General Cargo		Level of Concentration % of Commodity in Top 5 Major Ports	
	2007-08		2008-09		2007-08		2007-08		2007-08	
	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09
1	2	3	4	5	6	7	8	9	10	11
PORTWISE DATA (THOUSAND TONS)										
Major ports										
1. Iron & Steel	25	33	174	174	2.27	2.15	25.15	15.32	1.15	15.32
2. Iron & Steel Products	8	103	90	110	1.41	9.77	6.45	2.65	18.71	103.30
3. Crude oil	10	5	21	1	1.21	0.47	1.58	3.34	100.00	100.00
4. Paper, Newsprint etc.	118	45	126	43	17.12	4.08	8.23	1.17	74.70	100.00
5. Petroleum products	14	12	74	17	1.77	8.23	1.17	1.94	100.00	100.00
6. Machine, machinery and Transport equipment	73	34	104	74	7.88	1.13	18.19	2.85	47.30	100.00
7. Textiles (Cotton Cloth, Synthetic materials etc.)	6	6	1	0	0.73	0.00	1.44	0.00	100.00	-
8. Handicrafts	1	8	1	0	0.13	1.50	0.11	0.00	100.00	-
9. Rubber and its products	1	17	7	17	0.13	1.11	0.11	1.31	100.00	100.00
10. Coal	17	15	17	71	1.99	1.04	1.14	0.43	100.00	100.00
11. Wood pulp	1	11	7	0	0.13	0.00	0.17	0.00	100.00	-
12. Fertilizers (Solid, Liquid, Phosphoric)	24	11	27	17	2.97	0.44	1.14	1.31	60.70	100.00
13. Fertilizers (Urea)	1	4	8	4	0.00	0.11	0.11	0.31	-	100.00
14. Miscellaneous (Food & Spices, Pharmaceuticals)	4	7	3	3	0.00	0.11	0.03	0.00	-	-
15. Fish & Sea products	11	6	0	0	1.33	0.00	0.00	0.00	-	-
16. Timber & Log	34	13	37	21	7.73	1.42	2.49	1.00	81.25	71.43
17. Urea	574	603	420	874	34.85	25.33	27.34	34.44	32.30	90.24
18. Soda ash	75	53	0	105	7.73	0.00	0.00	4.44	100.00	100.00
19. Miscellaneous	2	0	0	7	0.13	0.00	0.11	0.00	100.00	-
20. Miscellaneous	253	237	104	104	28.90	30.90	31.74	18.71	30.47	25.35
21. All Commodities	835	830	1248	1178	55.28	50.90	22.00	60.87	67.42	73.54
22. Total Weight	119	117	114	110	11.74	11.18	0.00	4.00	100.00	100.00
23. Transshipment and storage	0.00	0.00	1.04	1.00	0.03	0.00	0.03	0.00	-	-
Grand Total	1014	1014	1497	1290	100.00	100.00	100.00	100.00	68.15	31.31

—

Table 2.1.7
(Contd...)

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2007-08 & 2008-09

Commodity	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							
	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09
1	2	3	4	5	6	7	8	9	10	11
PORT / PARADIP										
UNLOADED										
1 Iron & Steel	0	0	0	0	0.00	-	0.00	0.00	-	-
2 Coal & Coke Products	0	0	0	0	0.00	-	0.00	0.00	-	-
3 Petroleum	0	0	0	0	0.00	-	0.00	0.00	-	-
4 Paper, Newspaper etc.	0	0	0	0	0.00	-	0.00	0.00	-	-
5 Plastics & Products	0	0	0	0	0.00	-	0.00	0.00	-	-
6 Machinery, Instruments and Transport Equipments	0	0	0	0	0.00	-	0.00	0.00	-	-
7 Textiles (Cotton, Silk, Synthetic Fibre etc.)	0	0	0	0	0.00	-	0.00	0.00	-	-
8 Miscellaneous	0	0	0	0	0.00	-	0.00	0.00	-	-
9 Miscellaneous products	0	0	0	0	0.00	-	0.00	0.00	-	-
10 Chemicals	0	0	0	0	0.00	-	0.00	0.00	-	-
11 Wood/pulp	0	0	0	0	0.00	-	0.00	0.00	-	-
12 Foodgrain (Cereals and Paddy)	0	0	0	0	0.00	-	0.00	0.00	-	-
13 Fertiliser & FVM	0	0	0	0	0.00	-	0.00	0.00	-	-
14 Industrial Alcohol & Spirits (non-potable)	0	0	0	0	0.00	-	0.00	0.00	-	-
15 Drugs & Medicines	0	0	0	0	0.00	-	0.00	0.00	-	-
16 Timber & Log	0	0	0	0	0.00	-	0.00	0.00	-	-
17 Others	0	0	0	0	0.00	-	0.00	0.00	-	-
18 Total Cargo	0	0	0	0	0.00	-	0.00	0.00	-	-
19 BULK	0	0	0	0	0.00	-	0.00	0.00	-	-
20 Miscellaneous	0	0	0	0	0.00	-	0.00	0.00	-	-
21 All Commodities	0	0	0	0	0.00	-	0.00	0.00	-	-
22 Total Weight	0	0	0	0	0.00	-	0.00	0.00	-	-
23 Total Containers loaded	0	0	0	0	0.00	-	0.00	0.00	-	-
Total (Tonnage)	0	0	0	0	0.00	-	0.00	0.00	-	-

Community-Wife Break-Up of Counselor and General Cargo and Launch of Commodore at Major Party - Paragraphs - 1987-08 & 1988-08

Note: For a complete guide to the content of this document, please refer to the 2007-08 2008-09 2009-10 2010-11 2011-12 2012-13 2013-14 2014-15 2015-16 2016-17 2017-18 2018-19 2019-20 2020-21 2021-22 2022-23 2023-24 2024-25 2025-26 2026-27 2027-28 2028-29 2029-30 2030-31 2031-32 2032-33 2033-34 2034-35 2035-36 2036-37 2037-38 2038-39 2039-40 2040-41 2041-42 2042-43 2043-44 2044-45 2045-46 2046-47 2047-48 2048-49 2049-50 2050-51 2051-52 2052-53 2053-54 2054-55 2055-56 2056-57 2057-58 2058-59 2059-60 2060-61 2061-62 2062-63 2063-64 2064-65 2065-66 2066-67 2067-68 2068-69 2069-70 2070-71 2071-72 2072-73 2073-74 2074-75 2075-76 2076-77 2077-78 2078-79 2079-80 2080-81 2081-82 2082-83 2083-84 2084-85 2085-86 2086-87 2087-88 2088-89 2089-90 2090-91 2091-92 2092-93 2093-94 2094-95 2095-96 2096-97 2097-98 2098-99 2099-100 2100-101 2101-102 2102-103 2103-104 2104-105 2105-106 2106-107 2107-108 2108-109 2109-110 2110-111 2111-112 2112-113 2113-114 2114-115 2115-116 2116-117 2117-118 2118-119 2119-120 2120-121 2121-122 2122-123 2123-124 2124-125 2125-126 2126-127 2127-128 2128-129 2129-130 2130-131 2131-132 2132-133 2133-134 2134-135 2135-136 2136-137 2137-138 2138-139 2139-140 2140-141 2141-142 2142-143 2143-144 2144-145 2145-146 2146-147 2147-148 2148-149 2149-150 2150-151 2151-152 2152-153 2153-154 2154-155 2155-156 2156-157 2157-158 2158-159 2159-160 2160-161 2161-162 2162-163 2163-164 2164-165 2165-166 2166-167 2167-168 2168-169 2169-170 2170-171 2171-172 2172-173 2173-174 2174-175 2175-176 2176-177 2177-178 2178-179 2179-180 2180-181 2181-182 2182-183 2183-184 2184-185 2185-186 2186-187 2187-188 2188-189 2189-190 2190-191 2191-192 2192-193 2193-194 2194-195 2195-196 2196-197 2197-198 2198-199 2199-200 2200-201 2201-202 2202-203 2203-204 2204-205 2205-206 2206-207 2207-208 2208-209 2209-210 2210-211 2211-212 2212-213 2213-214 2214-215 2215-216 2216-217 2217-218 2218-219 2219-220 2220-221 2221-222 2222-223 2223-224 2224-225 2225-226 2226-227 2227-228 2228-229 2229-230 2230-231 2231-232 2232-233 2233-234 2234-235 2235-236 2236-237 2237-238 2238-239 2239-240 2240-241 2241-242 2242-243 2243-244 2244-245 2245-246 2246-247 2247-248 2248-249 2249-250 2250-251 2251-252 2252-253 2253-254 2254-255 2255-256 2256-257 2257-258 2258-259 2259-260 2260-261 2261-262 2262-263 2263-264 2264-265 2265-266 2266-267 2267-268 2268-269 2269-270 2270-271 2271-272 2272-273 2273-274 2274-275 2275-276 2276-277 2277-278 2278-279 2279-280 2280-281 2281-282 2282-283 2283-284 2284-285 2285-286 2286-287 2287-288 2288-289 2289-290 2290-291 2291-292 2292-293 2293-294 2294-295 2295-296 2296-297 2297-298 2298-299 2299-300 2300-301 2301-302 2302-303 2303-304 2304-305 2305-306 2306-307 2307-308 2308-309 2309-310 2310-311 2311-312 2312-313 2313-314 2314-315 2315-316 2316-317 2317-318 2318-319 2319-320 2320-321 2321-322 2322-323 2323-324 2324-325 2325-326 2326-327 2327-328 2328-329 2329-330 2330-331 2331-332 2332-333 2333-334 2334-335 2335-336 2336-337 2337-338 2338-339 2339-340 2340-341 2341-342 2342-343 2343-344 2344-345 2345-346 2346-347 2347-348 2348-349 2349-350 2350-351 2351-352 2352-353 2353-354 2354-355 2355-356 2356-357 2357-358 2358-359 2359-360 2360-361 2361-362 2362-363 2363-364 2364-365 2365-366 2366-367 2367-368 2368-369 2369-370 2370-371 2371-372 2372-373 2373-374 2374-375 2375-376 2376-377 2377-378 2378-379 2379-380 2380-381 2381-382 2382-383 2383-384 2384-385 2385-386 2386-387 2387-388 2388-389 2389-390 2390-391 2391-392 2392-393 2393-394 2394-395 2395-396 2396-397 2397-398 2398-399 2399-400 2400-401 2401-402 2402-403 2403-404 2404-405 2405-406 2406-407 2407-408 2408-409 2409-410 2410-411 2411-412 2412-413 2413-414 2414-415 2415-416 2416-417 2417-418 2418-419 2419-420 2420-421 2421-422 2422-423 2423-424 2424-425 2425-426 2426-427 2427-428 2428-429 2429-430 2430-431 2431-432 2432-433 2433-434 2434-435 2435-436 2436-437 2437-438 2438-439 2439-440 2440-441 2441-442 2442-443 2443-444 2444-445 2445-446 2446-447 2447-448 2448-449 2449-450 2450-451 2451-452 2452-453 2453-454 2454-455 2455-456 2456-457 2457-458 2458-459 2459-460 2460-461 2461-462 2462-463 2463-464 2464-465 2465-466 2466-467 2467-468 2468-469 2469-470 24

Table 2.1.7
(Contd...)

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2007-08 & 2008-09

Commodity	General Cargo (GCT)				% Share of Containerisation in Total Container Cargo		% Share of Containerisation in Total General Cargo		Level of Containerisation to 1,000 GCT	
	Container Cargo		Total General Cargo							
	2007-08	2008-09	2007-08	2008-09	2007-08	2008-08	2007-08	2008-08	2007-08	2008-09
1	2	3	4	5	6	7	8	9	10	11
PORT - MUMBAI/AMTRAL										
UNLOADED										
1. Iron & Alloy	...	...	180	86	...	...	15.08	8.12	...	...
2. Machine Tools, Machinery	...	...	0	0	...	...	0.00	0.00	...	...
3. Textiles etc.	...	...	0	0	...	...	0.00	0.00	...	...
4. Paper, Manuscripts etc.	...	...	0	0	...	...	0.00	0.00	...	...
5. Plastic, Iron products	...	...	0	0	...	...	0.00	0.00	...	...
6. Machinery and related Transport equip. parts	...	...	0	0	...	...	0.00	0.00	...	...
7. Tyres (Motor Bikes, Cycle, etc.) etc.	...	...	0	0	...	...	0.00	0.00	...	...
8. Miscellaneous	...	...	0	0	...	...	0.00	0.00	...	...
9. Rubber and its products	...	...	0	0	...	...	0.00	0.00	...	...
10. Oil, etc.	...	...	0	0	...	...	0.00	0.00	...	...
11. Wood etc.	...	...	0	0	...	...	0.00	0.00	...	...
12. Coal etc.	...	...	105	144	...	...	17.45	8.28	...	...
13. Chemicals & Fertilizer	...	...	0	0	...	...	0.00	0.00	...	...
14. Minerals and its products (except ores)	...	...	0	0	...	...	0.00	0.00	...	...
15. Drugs & Medicines	...	...	0	0	...	...	0.00	0.00	...	...
16. Timber & Log	...	...	105	144	...	...	17.45	8.28	...	...
17. Others	...	...	140	684	...	...	4.31	26.73	...	...
18. Cotton Bales etc.	...	...	4	0	...	...	1.35	0.00	...	...
19. Miscellaneous	...	...	144	240	...	...	4.31	26.73	...	...
20. All Commodities	105	144	105	144	61.53	61.53	61.53	61.53	61.53	61.53
21. Total Weight	45	60	82	82	10.00	10.00	7.74	7.74	100.00	100.00
22. Transportation, etc. (Net Wt.)	-	-	0	0	-	-	0.00	0.00	0.00	0.00
Grand Total	455	624	1068	1084	60.83	60.83	60.83	100.00	42.54	57.28

Note: Data are preliminary and are subject to final audit of Container Cargo by 2009-10 and General Cargo.

Table 2.1.7
(Contd...)

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation of Major Ports - Port-wise - 2007-08 & 2008-09

Commodity	General Cargo (000T)				% Share of Container in Total Container Cargo		% Share of Container in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo							
	2007-08	2008-09	2007-08	2008-09						
1	2	3	4	5	6	7	8	9	10	11
PORT - CHENNAI										
Export										
1. Textiles & Apparel	...	...	...	...	...	...	...	...	...	...
2. Metals & Semi products	...	...	...	...	...	...	...	...	...	...
3. Tea & Coffee	...	...	...	...	...	...	...	...	...	...
4. Foodgrains (Cereals and Pulses)	...	...	...	...	...	...	...	...	...	...
5. Medicaments	...	...	...	...	...	...	...	...	...	...
6. Irons	...	...	...	...	...	...	...	...	...	...
7. Fruits & Vegetables	...	...	...	...	...	...	...	...	...	...
8. Spices	...	...	...	...	...	...	...	...	...	...
9. Handing, Handicrafts and Art Jewellery	...	...	...	...	...	...	...	...	...	...
10. Miscellaneous	...	...	...	...	...	...	...	...	...	...
11. Engineering Machinery	...	...	...	...	...	...	...	...	...	...
12. Paper and Printing	...	...	...	...	...	...	...	...	...	...
13. Chemicals, Fertilisers	...	...	...	...	...	...	...	...	...	...
14. Chemicals	...	...	...	...	...	...	...	...	...	...
15. Dry Fruits	...	...	...	...	...	...	...	...	...	...
16. Jute & Jute Goods	...	...	...	...	...	...	...	...	...	...
17. Leather & Leather Products	...	...	...	...	...	...	...	...	...	...
18. Others	...	...	...	...	...	...	...	...	...	...
19. Miscellaneous	...	...	...	...	...	...	...	...	...	...
20. Others	...	...	...	...	...	...	...	...	...	...
21. Others	...	...	...	...	...	...	...	...	...	...
22. Others	...	...	...	...	...	...	...	...	...	...
23. Others	...	...	...	...	...	...	...	...	...	...
24. Others	...	...	...	...	...	...	...	...	...	...
25. Others	...	...	...	...	...	...	...	...	...	...
26. Others	...	...	...	...	...	...	...	...	...	...
27. Others	...	...	...	...	...	...	...	...	...	...
28. Others	...	...	...	...	...	...	...	...	...	...
29. Others	...	...	...	...	...	...	...	...	...	...
30. Others	...	...	...	...	...	...	...	...	...	...
31. Others	...	...	...	...	...	...	...	...	...	...
32. Others	...	...	...	...	...	...	...	...	...	...
33. Others	...	...	...	...	...	...	...	...	...	...
34. Others	...	...	...	...	...	...	...	...	...	...
35. Others	...	...	...	...	...	...	...	...	...	...
36. Others	...	...	...	...	...	...	...	...	...	...
37. Others	...	...	...	...	...	...	...	...	...	...
38. Others	...	...	...	...	...	...	...	...	...	...
39. Others	...	...	...	...	...	...	...	...	...	...
40. Others	...	...	...	...	...	...	...	...	...	...
41. Others	...	...	...	...	...	...	...	...	...	...
42. Others	...	...	...	...	...	...	...	...	...	...
43. Others	...	...	...	...	...	...	...	...	...	...
44. Others	...	...	...	...	...	...	...	...	...	...
45. Others	...	...	...	...	...	...	...	...	...	...
46. Others	...	...	...	...	...	...	...	...	...	...
47. Others	...	...	...	...	...	...	...	...	...	...
48. Others	...	...	...	...	...	...	...	...	...	...
49. Others	...	...	...	...	...	...	...	...	...	...
50. Others	...	...	...	...	...	...	...	...	...	...
51. Others	...	...	...	...	...	...	...	...	...	...
52. Others	...	...	...	...	...	...	...	...	...	...
53. Others	...	...	...	...	...	...	...	...	...	...
54. Others	...	...	...	...	...	...	...	...	...	...
55. Others	...	...	...	...	...	...	...	...	...	...
56. Others	...	...	...	...	...	...	...	...	...	...
57. Others	...	...	...	...	...	...	...	...	...	...
58. Others	...	...	...	...	...	...	...	...	...	...
59. Others	...	...	...	...	...	...	...	...	...	...
60. Others	...	...	...	...	...	...	...	...	...	...
61. Others	...	...	...	...	...	...	...	...	...	...
62. Others	...	...	...	...	...	...	...	...	...	...
63. Others	...	...	...	...	...	...	...	...	...	...
64. Others	...	...	...	...	...	...	...	...	...	...
65. Others	...	...	...	...	...	...	...	...	...	...
66. Others	...	...	...	...	...	...	...	...	...	...
67. Others	...	...	...	...	...	...	...	...	...	...
68. Others	...	...	...	...	...	...	...	...	...	...
69. Others	...	...	...	...	...	...	...	...	...	...
70. Others	...	...	...	...	...	...	...	...	...	...
71. Others	...	...	...	...	...	...	...	...	...	...
72. Others	...	...	...	...	...	...	...	...	...	...
73. Others	...	...	...	...	...	...	...	...	...	...
74. Others	...	...	...	...	...	...	...	...	...	...
75. Others	...	...	...	...	...	...	...	...	...	...
76. Others	...	...	...	...	...	...	...	...	...	...
77. Others	...	...	...	...	...	...	...	...	...	...
78. Others	...	...	...	...	...	...	...	...	...	...
79. Others	...	...	...	...	...	...	...	...	...	...
80. Others	...	...	...	...	...	...	...	...	...	...
81. Others	...	...	...	...	...	...	...	...	...	...
82. Others	...	...	...	...	...	...	...	...	...	...
83. Others	...	...	...	...	...	...	...	...	...	...
84. Others	...	...	...	...	...	...	...	...	...	...
85. Others	...	...	...	...	...	...	...	...	...	...
86. Others	...	...	...	...	...	...	...	...	...	...
87. Others	...	...	...	...	...	...	...	...	...	...
88. Others	...	...	...	...	...	...	...	...	...	...
89. Others	...	...	...	...	...	...	...	...	...	...
90. Others	...	...	...	...	...	...	...	...	...	...
91. Others	...	...	...	...	...	...	...	...	...	...
92. Others	...	...	...	...	...	...	...	...	...	...
93. Others	...	...	...	...	...	...	...	...	...	...
94. Others	...	...	...	...	...	...	...	...	...	...
95. Others	...	...	...	...	...	...	...	...	...	...
96. Others	...	...	...	...	...	...	...	...	...	...
97. Others	...	...	...	...	...	...	...	...	...	...
98. Others	...	...	...	...	...	...	...	...	...	...
99. Others	...	...	...	...	...	...	...	...	...	...
100. Others	...	...	...	...	...	...	...	...	...	...
Grand Total	5039	5544	70290	71002	88.00	100.00	100.00	88.00	88.00	88.00

Note: For Unimodal port container (see A) Level and B) Level of containerisation and C) Level of containerisation and D) Level of containerisation.

Table 3.17
Continued

Community-Wide Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port value - 2007-08 & 2008-09

Commodities	General Cargo (000T)				% Share of Containers in total Container Cargo		% Share of Commodities in total General Cargo		Level of Containerisation % of Containerisation in General Cargo	
	Container Cargo		Total General Cargo							
	2007-08	2008-09	2007-08	2008-09	2007-08	2008-08	2007-08	2008-09	2007-08	2008-09
1	2	3	4	5	6	7	8	9	10	11
PORT, CHennai										
Undersea										
1. Iron & Steel	***	***	***	***	***	***	***	***	***	***
2. Coal & Mineral Products	***	***	***	***	***	***	***	***	***	***
3. Chemicals	***	***	***	***	***	***	***	***	***	***
4. Fertilisers, Manure & such	***	***	***	***	***	***	***	***	***	***
5. Textiles & its products	***	***	***	***	***	***	***	***	***	***
6. Machinery, Iron and steel, Transport equipment	***	***	***	***	***	***	***	***	***	***
7. Petroleum, Lubricants, Petroleum products	***	***	***	***	***	***	***	***	***	***
8. Miscellaneous	***	***	***	***	***	***	***	***	***	***
9. Rubber and its products	***	***	***	***	***	***	***	***	***	***
10. Sugar	***	***	***	***	***	***	***	***	***	***
11. Wheat	***	***	***	***	***	***	***	***	***	***
12. Rice	***	***	***	***	***	***	***	***	***	***
13. Oilseeds	***	***	***	***	***	***	***	***	***	***
14. Fruits & Vegetables	***	***	***	***	***	***	***	***	***	***
15. Drugs & Medicines	***	***	***	***	***	***	***	***	***	***
16. Timber & Log	***	***	***	***	***	***	***	***	***	***
17. Irons	***	***	***	***	***	***	***	***	***	***
18. Steel & Iron products	***	***	***	***	***	***	***	***	***	***
19. Miscellaneous	***	***	***	***	***	***	***	***	***	***
20. Total General Cargo	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
21. Total Container	***	***	***	***	***	***	***	***	***	***
22. Total Containerisation	***	***	***	***	***	***	***	***	***	***

Note: For Container and commodity, containerisation is shown as a percentage of total General Cargo for 2007-08 & 2008-09 period and also.

Table 2.17
(Contd...)

Commodity-wise Break-up of Consaller and General Cargo and Level of Consallerisation of Major Ports - Post-war - 2007-08 & 2008-09

Commodity	General Cargo (000T)				In Share of Consaller in Total Consaller Cargo		In Share of Consaller in Total General Cargo		Level of Consallerisation % of Consallerisation to General Cargo	
	Consaller Cargo		Total General Cargo							
	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09
1	2	3	4	5	6	7	8	9	10	11
PORT: MUMBAI										
Consaller										
1. Petroleum and its derivatives etc.	...	...	0	0	...	...	1.30	0.00	-	-
2. Iron & Steel products	...	...	0	0	...	...	1.30	0.00	-	-
3. Coal	...	...	0	0	...	...	1.30	0.00	-	-
4. Grains and Cereals and Products	...	...	261	109	...	...	5.35	4.51	0.00	1.00
5. Bulk goods etc.	...	...	0	3	...	...	0.01	0.04	-	-
6. Fertilizer	...	...	0	3	...	...	0.01	0.04	-	-
7. Fruits & Vegetables	...	...	0	3	...	...	0.01	0.03	-	-
8. Spices	...	...	0	3	...	...	0.01	0.03	-	-
9. Ironing, Ironware etc. for Military	...	...	3	0	...	...	0.01	0.03	-	-
10. Machinery, equipment, Personal equipments	...	...	5	2	...	...	0.05	0.1	1.00	0.00
11. Dry Bulk etc.	...	...	0	0	...	...	0.00	0.00	-	-
12. Iron & Steel etc.	...	...	1	0	...	...	0.00	0.00	-	-
13. Bulk goods etc.	...	...	0	0	...	...	0.00	0.00	-	-
14. Chemicals	...	...	297	306	...	...	1.50	1.61	0.00	0.00
15. Dry Bulk	...	...	0	0	...	...	0.00	0.00	-	-
16. Bulk & Products	...	...	0	0	...	...	0.00	0.00	-	-
17. Leather & Leather goods	...	...	0	0	...	...	0.00	0.00	-	-
18. Others	...	...	3,607	3,117	...	...	19.47	16.01	2.00	0.00
20. Total Consaller	3,000	3,117	4,181	4,026	72.79	64.53	87.45	52.24	0.00	0.00
21. Total General	415	764	110	236	21.27	19.30	13.59	2.61	10.00	100.00
22. Grand Total	-	-	4,291	4,262	-	-	101.04	54.85	-	0.00
Grand Total	3,417	3,881	4,591	4,262	100.00	100.00	100.00	100.00	100.00	100.00

Note: For full details about methodology visit us at Consaller Cargo in Year 2007 & 2008 at www.cargosurvey.com

Table 2-17
(Contd.)

Commodity-Wise Break-Up of Containers and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2007-08 & 2008-09

Commodity	General Cargo (000T)				% Share of General Cargo in Total Container Cargo		% Share of General Cargo in Total Port Call Cargo		Level of Containerisation % of Containerisation in General Cargo	
	Container Cargo		Total General Cargo							
	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09
1	2	3	4	5	6	7	8	9	10	11
Major Commodities										
UNLOADED										
1 Iron & Steel	...	...	5	4	...	...	3.80	0.00	...	...
2 Pig & S. Mol. Products	...	...	6	3	...	...	5.74	0.00	...	...
3 Chemicals	...	...	1*	6	...	...	0.00	3.70	...	...
4 Paper, Manure & etc.	...	...	0	0	...	...	0.00	0.00	...	...
5 Plastic & Products	...	...	0	0	...	...	0.00	0.00	...	...
6 Metals (excl. Iron & Steel) & Machinery	...	...	30	5	...	...	1.41	0.05	...	...
7 Textiles (excl. Silk, Cotton & Woollen)	...	...	1	0	...	...	3.80	0.00	...	...
8 Fertilizers	...	...	3	0	...	...	0.14	0.00	...	...
9 Grains and its products	...	...	8	4	...	...	0.01	0.00	...	...
10 Oil, Petroleum	...	...	0	0	...	...	0.00	0.00	...	...
11 Miscellaneous	...	...	1	0	...	...	0.00	0.00	...	...
12 Fertilizers (excl. NPK & Urea)	...	...	172	101	...	...	5.42	0.10	...	...
13 Fertilizers (NPK)	...	...	17.80	16.20	...	...	51.48	86.44	...	...
14 Fertilizers (excl. NPK & Urea)	...	...	0	0	...	...	0.00	0.00	...	...
15 Drugs & Medicines	...	...	1	0	...	...	0.01	0.00	...	...
16 Iron & Steel	...	...	353	281	...	...	10.58	11.77	...	...
17 Others	...	...	114	65	...	...	3.43	2.44	...	...
18 All Containers	2635	2250	3928	2723	44.46	64.49	87.25	72.17	72.38	86.03
19 Total Unloaded	429	471	68	413	15.52	16.51	14.61	11.15	14.13	16.06
20 Total Loaded & Unloaded	-	-	-	481	-	-	-	-	-	1.00
Grand Total	2761	2721	4013	3221	100.00	100.00	100.00	100.00	100.00	100.00

Note: * The following figures are based on the break-up of General Cargo for 2007-08 & 2008-09 as far as data is available.

Table 2.1.7
(Contd...)

Community-Wide Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2007-08 & 2008-09

Commodity	General Cargo (000T)				% Share of Commodity in Total Container Cargo		% Share of Commodity in Total General Cargo		Level of Containerisation % of Commodity in Total General Cargo	
	Container Cargo		Total General Cargo		2007-08		2007-08		2007-08	
	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09
PORT - COCHIN										
LOADED										
1. Petroleum and Petroleum Products	8	3	6	7	1.27	0.30	1.30	0.06	18.18	-
2. Metal & Metallurgical	15	8	17	10	1.77	3.34	1.63	0.76	30.55	30.00
3. Tea & Coffee	185	132	185	132	11.13	8.34	11.14	9.51	111.13	111.13
4. Foodstuffs & Agricultural Products	0	0	3	0	0.00	0.00	0.08	0.00	-	-
5. Marine products	100	95	114	63	7.03	6.51	6.77	5.45	100.00	121.01
6. Fertilizer	0	0	8	3	0.00	0.00	0.90	0.13	-	-
7. Fruits & Vegetables	2	0	4	3	0.20	0.00	0.25	0.07	100.00	-
8. Sugar	71	32	71	22	4.97	1.98	4.41	1.58	100.00	109.09
9. Chemicals, intermediate and many	0	0	0	1	0.00	0.00	0.00	0.00	-	-
10. Machines, tools and electrical equipment	14	13	29	12	1.87	8.87	1.11	0.46	100.00	100.00
11. Drugs and medicines	2	3	2	0	0.14	0.02	0.12	0.00	100.00	-
12. Minerals & Minerals	4	4	0	0	0.52	0.00	0.00	0.00	-	-
13. Oil seeds & oil	3	3	11	0	0.38	0.00	0.00	0.00	100.00	-
14. Chemicals	48	14	49	31	3.18	1.11	3.18	4.34	78.13	100.00
15. Textiles	8	0	1	1	0.50	0.00	0.00	0.00	-	-
16. Rubber Products	11	10	13	13	0.69	0.77	1.27	0.73	100.00	100.00
17. Miscellaneous Products	0	0	0	3	0.00	0.00	0.00	0.00	-	-
18. Others	100	101	242	763	5.30	64.74	12.44	61.31	81.82	96.04
19. Others	0	101	0	101	0.00	1.34	0.00	7.26	-	100.00
20. Grain Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
21. Iron & Steel	10	0	10	1	0.64	0.00	0.65	0.17	100.00	0.00
22. Miscellaneous	0	3	0	0	0.00	0.00	0.00	0.00	-	-
23. Miscellaneous	100	103	635	881	50.78	47.01	51.10	47.63	25.68	59.79
24. All Commodity	127	184	1264	1180	30.55	73.35	11.74	69.76	81.21	36.25
25. Total Weight	223	284	101	101	11.29	23.39	15.73	20.91	100.00	100.00
26. Transshipment to Other Ports	33	5	33	2	2.36	0.11	1.63	0.14	100.00	100.00
Grand Total	223	184	101	101	11.29	23.39	15.73	20.91	100.00	100.00

Table 2.1.7
(Contd...)

Commodity-Wise Break-Up of Container and Non-container Cargo and Level of Containerisation at Major Ports - Port-wise - 2007-08 & 2008-09

Commodity	General Cargo (000T)				Quantity of Containers in Total Container Cargo		Quantity of Containers in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo							
	2007-08	2008-08	2007-08	2008-08	2007-08	2008-08	2007-08	2008-08	2007-08	2008-08
1	2	3	4	5	6	7	8	9	10	11
PORT - COCHIN										
EXPORT										
1. Iron Ore	140	15	140	25	330	100	140	0.04	100.0	100.0
2. Iron Ore Concentrate	5	140	25	195	331	762	140	0.01	14.28	113.33
3. Chemicals	115	40	145	91	705	205	6.25	2.18	136.45	171.70
4. Foodstuffs etc.	20	81	27	91	545	179	5.22	1.44	139.93	103.30
5. Textile & Apparel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
6. Machinery, transport equipment	13	3	13	1	138	105	1.11	0.21	130.00	180.00
7. Transport equipment etc.	14	18	11	18	0.67	0.64	0.67	0.23	118.18	180.00
8. Miscellaneous	1	3	0	0	0.00	0.00	0.00	0.00	-	-
9. Polymer and products	18	22	26	30	214	171	2.00	1.27	100.00	120.00
10. Oil, gas etc.	2	3	0	1	0.00	0.00	0.00	0.00	-	-
11. Miscellaneous	2	2	1	1	0.00	0.00	0.00	0.00	-	-
12. Petroleum (Crude and Refined)	2	1	1	0	0.00	0.00	0.00	0.00	-	-
13. Rubber & PVC	1	0	0	0	0.00	0.00	0.00	0.00	-	-
14. Industrial machinery, transportable	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. Tobacco & etc.	0	0	24	11	0.00	0.00	0.00	0.00	-	-
17. Others	120	140	104	102	54.00	71.25	19.29	13.24	61.11	88.11
Total	11	0	3	3	0.00	0.00	0.00	0.00	-	-
Import	305	316	323	215	1641	1471	17.00	11.76	100.00	100.00
Container Cargo	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Non-container cargo	305	316	323	215	1641	1471	17.00	11.76	100.00	100.00
Total	1070	1088	1639	2124	6141	6147	63.91	63.76	100.00	100.00
Total	271	251	271	251	1543	1171	14.24	11.46	100.00	100.00
Total	32	2	32	2	1.00	0.24	0.24	0.00	100.00	100.00
Grand Total	1028	1036	1670	2126	6142	6149	64.15	63.76	99.00	99.75

Table 3.1.7 Community Wide Break-Up of Containers and General Cargo and Loss of Containerisation at Major Ports - Port-wise - 2007-08 & 2008-09
(Contd...)

[illegible]

Table 2.1.7
(Contd...)

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2007-08 & 2008-09

Commodity	General Cargo (000T)				% Share of General Cargo in Total Container Cargo		% Share of General Cargo in Total General Cargo		Level of Containerisation % of Containerisation in General Cargo	
	Container Cargo		General Cargo							
	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09
1	2	3	4	5	6	7	8	9	10	11
Major Commodity Groups										
Iron and Steel										
1 Iron & Steel	0	0	1	0	1.00	0.00	0.00	0.00	-	-
2 Iron & Steel Products	1	0	8	0	8.00	0.00	0.00	0.00	-	-
3 Crude Oil	-	4	1	1	0.05	0.00	0.00	0.00	0.00	0.00
4 Paper, Newsprint etc.	1	0	0	0	0.00	0.00	0.00	0.00	-	-
5 Plastic & Polymeric	1	0	0	0	0.00	0.00	0.00	0.00	-	-
6 Machinery, Instruments and Electrical eq. parts	0	0	0	0	0.00	0.00	0.00	0.00	-	-
7 Textiles/Clothes etc. (Excl. Cotton)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
8 Rubber and	0	0	0	0	0.00	0.00	0.00	0.00	-	-
9 Rubber and products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
10 Oil seeds	0	0	0	0	0.00	0.00	0.00	0.00	-	-
11 Grains	0	0	0	0	0.00	0.00	0.00	0.00	-	-
12 Fertilizers, excl. Urea	0	0	0	0	0.00	0.00	0.00	0.00	-	-
13 Chemicals & Fertilizers	0	0	0	0	0.00	0.00	0.00	0.00	-	-
14 Miscellaneous	0	0	0	0	0.00	0.00	0.00	0.00	-	-
15 Other	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16 Total	22	24	22	10	10.00	10.00	10.00	10.00	10.00	10.00
17 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
18 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
19 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
20 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
21 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
22 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
23 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
24 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
25 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
26 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
27 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
28 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
29 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
30 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
31 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
32 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
33 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
34 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
35 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
36 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
37 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
38 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
39 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
40 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
41 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
42 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
43 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
44 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
45 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
46 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
47 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
48 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
49 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
50 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
51 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
52 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
53 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
54 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
55 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
56 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
57 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
58 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
59 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
60 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
61 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
62 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
63 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
64 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
65 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
66 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
67 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
68 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
69 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
70 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
71 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
72 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
73 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
74 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
75 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
76 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
77 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
78 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
79 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
80 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
81 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
82 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
83 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
84 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
85 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
86 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
87 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
88 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
89 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
90 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
91 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
92 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
93 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
94 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
95 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
96 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
97 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
98 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
99 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
100 Other	10	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00
Grand Total	100	100	100	100	100.00	100.00	100.00	100.00	100.00	100.00

Table 2.1.7
(Contd...)

Commodity-Wise Break-Up of Container and General Cargo and Total of Carriage Disposal at Major Ports - Part-wise - 2007-08 & 2008-09

Commodity	General Cargo (000T)				To Share of Commodities from Container Cargo		Contribution of Total General Cargo		Contribution % of General Cargo	
	General Cargo		Total General Cargo							
	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09
1	2	3	4	5	6	7	8	9	10	11
LOADED										
1. Textiles (Cotton, Silk, Synthetic, etc.)	1	8	9	1	0.03	0.03	0.03	0.01	-	-
2. Iron and steel products	11	8	19	9	0.10	0.03	0.14	0.04	100.00	100.00
3. Cement	0	1	1	0	0.00	0.00	0.00	0.03	-	-
4. Fertilizers (Chemical and Organic)	11	0	1	0	0.00	0.00	0.00	0.00	-	-
5. Marine products	0	0	0	1	0.00	0.00	0.00	0.00	-	-
6. Pulp	0	0	0	1	0.00	0.00	0.00	0.00	-	-
7. Chemicals (Organic)	7	7	-	7	0.23	0.01	0.24	0.00	100.00	00.00
8. Sugar	1	1	0	1	0.01	0.01	0.03	0.00	-	-
9. Fertilizers (Chemical and Organic)	8	1	0	0	0.04	0.00	0.00	0.00	-	-
10. Machinery, electrical, Transport, Equipment	1	1	1	11	0.00	0.00	0.00	0.03	-	-
11. Drugs and Medicines	0	0	8	1	0.00	0.00	0.00	0.00	-	-
12. Dyes and Pigments	0	0	0	1	0.00	0.00	0.00	0.00	-	-
13. Fertilizers (Chemical)	0	0	1	1	0.00	0.00	0.00	0.00	-	-
14. Paper and Pulp	0	0	0	1	0.00	0.00	0.00	0.00	-	-
15. Iron and Steel	0	11	0	0	0.00	0.03	0.00	0.00	-	-
16. Iron and Steel Products	1	1	0	0	0.00	0.00	0.00	0.00	-	-
17. Fertilizers (Chemical)	1	1	0	0	0.00	0.00	0.00	0.00	-	-
18. Others	61	27	88	70	0.21	0.02	0.23	0.07	100.00	100.00
19. Fertilizers (Chemical)	28	22	21	70	0.09	0.02	0.11	0.00	-	-
20. Fertilizers (Chemical)	1	0	21	10	0.00	0.00	0.00	0.00	-	-
21. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
22. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
23. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
24. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
25. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
26. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
27. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
28. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
29. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
30. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
31. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
32. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
33. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
34. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
35. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
36. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
37. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
38. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
39. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
40. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
41. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
42. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
43. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
44. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
45. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
46. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
47. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
48. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
49. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
50. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
51. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
52. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
53. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
54. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
55. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
56. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
57. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
58. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
59. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
60. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
61. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
62. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
63. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
64. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
65. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
66. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
67. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
68. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
69. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
70. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
71. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
72. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
73. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
74. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
75. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
76. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
77. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
78. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
79. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
80. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
81. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
82. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
83. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
84. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
85. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
86. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
87. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
88. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
89. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
90. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
91. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
92. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
93. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
94. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
95. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
96. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
97. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
98. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
99. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
100. Fertilizers (Chemical)	0	0	100	14	0.00	0.00	0.00	0.00	-	-
Grand Total	84	87	171	115	100.00	100.00	100.00	100.00	100.00	100.00

Table 2.1.3
(Contd...)

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2007-08 & 2008-09

Commodity	General Cargo (000T)				% Share of Commodity in Total Container Cargo		% Share of Commodity in Total General Cargo		Level of Containerisation % of Total Cargo		
	2007-08		2008-09		2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	
	1	2	3	4	5	6	7	8	9	10	11
APRIL: 2008/2009											
Value in US\$ million											
1. Iron & Steel	1	0	0	1	100	111	2.80	1.06	-	100	
2. Iron & Metal Products	1	1	-	3	22	3.43	1.77	0.23	100.00	100.00	
3. Crude oil	0	0	0	1	0.00	0	0.00	1.00	-	100.00	
4. Paper, Newsprint, etc.	1	1	1	0	1.00	0.00	1.23	0.01	00.00	-	
5. Plant & Machinery	1	0	1	3	0.00	0.00	0.03	0.00	-	-	
6. Machine tools and related accessories	0	0	0	0	0.00	0.00	0.01	0.00	-	-	
7. Textiles, Apparel, etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-	
8. Chemicals	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. Lumber	1	1	1	1	1.23	1.00	1.00	1.00	100.00	100.00	
11. Miscellaneous	0	0	0	1	0.00	0.00	0.00	0.00	-	-	
12. Fertilizers (Solid, Liquid, etc.)	0	0	0	0	0.00	0.00	0.00	0.00	-	-	
13. Iron & Steel (Flat)	0	0	0	0	0.00	0.00	0.00	0.00	-	-	
14. Iron & Steel (Structural Shapes, Pipes, etc.)	0	0	0	0	0.00	0.00	0.00	0.00	-	-	
15. Iron & Steel (Wire)	0	0	0	0	0.00	0.00	0.00	0.00	-	-	
16. Iron & Steel (Other)	0	0	0	0	0.00	0.00	0.00	0.00	-	-	
17. Other	0	0	0	0	0.00	0.00	0.00	0.00	-	-	
18. Other	0	0	0	0	0.00	0.00	0.00	0.00	-	-	
19. Other	0	0	0	0	0.00	0.00	0.00	0.00	-	-	
20. Other	0	0	0	0	0.00	0.00	0.00	0.00	-	-	
21. Other	0	0	0	0	0.00	0.00	0.00	0.00	-	-	
22. Other	0	0	0	0	0.00	0.00	0.00	0.00	-	-	
23. Other	0	0	0	0	0.00	0.00	0.00	0.00	-	-	
24. Other	0	0	0	0	0.00	0.00	0.00	0.00	-	-	
25. Other	0	0	0	0	0.00	0.00	0.00	0.00	-	-	
26. Other	0	0	0	0	0.00	0.00	0.00	0.00	-	-	
27. Other	0	0	0	0	0.00	0.00	0.00	0.00	-	-	
28. Other	0	0	0	0	0.00	0.00	0.00	0.00	-	-	
29. Other	0	0	0	0	0.00	0.00	0.00	0.00	-	-	
30. Other	0	0	0	0	0.00	0.00	0.00	0.00	-	-	
Grand Total	17	31	10	10	100.00	100.00	100.00	100.00	100.00	100.00	

Table 2.1.7
(Contd...)

Commodity-wise Break-Up of Container and General Cargo and Level of Containerisation of Major Ports - Part-IIIa - 2007-08 & 2008-09

Commodities	General Cargo (000T)				% Share of General Cargo in Total Container Cargo		% Share of General Cargo in Total General Cargo		Level of Containerisation of General Cargo	
	Container Cargo		Non-Container Cargo							
	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09
1	2	3	4	5	6	7	8	9	10	11
PORT: LAHORE										
TOTAL										
1. Textile (Wool, Silk, Synthetic/Wool etc)	...	...	3	4	...	...	0.00	0.01	...	...
2. Metals & Metal products	...	...	3	0	...	...	0.00	0.01	...	...
3. Iron & Steel	...	...	4	0	...	...	0.00	0.01	...	...
4. Foodgrain (Cereals and Pulses)	...	...	4	11	...	...	0.00	0.03	...	...
5. Marine products	...	...	11	11	...	...	0.00	0.03	...	...
6. Packer	...	...	11	0	...	...	0.00	0.03	...	...
7. Rubber & Vegetables	...	...	0	0	...	...	0.00	0.03	...	...
8. Pears	...	...	0	0	...	...	0.00	0.03	...	...
9. Fruit, Vegetables, Spices and Medicines	...	...	0	0	...	...	0.00	0.03	...	...
10. Machine and equipment (Transportation)	...	...	0	0	...	...	0.00	0.03	...	...
11. Engineering, Machine etc.	...	...	0	0	...	...	0.00	0.03	...	...
12. Electronic Equipment	...	...	0	0	...	...	0.00	0.03	...	...
13. Oil seeds and oil	...	...	11	11	...	...	0.00	0.03	...	...
14. Chemicals	...	...	0	1	...	...	0.00	0.01	...	...
15. Iron & Steel	...	...	0	0	...	...	0.00	0.03	...	...
16. Jewellery Products	...	...	0	0	...	...	0.00	0.01	...	...
17. Leather & Leather Goods	...	...	0	0	...	...	0.00	0.01	...	...
18. Others	...	...	2001	2004	...	...	0.00	0.03	...	...
19. All Containerised	2001	2004	2001	2004	100.00	100.00	0.00	0.00	100.00	100.00
20. Total Weight	1000	1000	1000	1000	100.00	100.00	100.00	100.00	100.00	100.00
21. Through cargo and mail	1000	1000	1000	1000	100.00	100.00	100.00	100.00	100.00	100.00
Grand Total	2001	2004	2001	2004	100.00	100.00	100.00	100.00	100.00	100.00

NOTE: 1. LAHORE port does not have a break-up of Container Cargo for 2007-08 & 2008-09 are not available.

Table 2.1.7
(Contd...)

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports, Port-Wise - 2007-08 & 2008-09

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		General Cargo							
	2007-08	2008-08	2007-08	2008-08	2007-08	2008-08	2007-08	2008-08	2007-08	2008-08
1	2	3	4	5	6	7	8	9	10	11
PORT : JALANDHAR										
Commodities										
1. Iron & Steel	...	...	8	7	...	...	1.30	0.00	...	...
2. Mineral Products	...	...	8	7	...	...	1.30	0.00	...	...
3. Chemicals	...	...	208	244	...	...	1.1	2.14	...	...
4. Paper, Pulp & etc.	...	...	8	7	...	...	2.00	0.19	...	...
5. Miscellaneous	...	...	7	7	...	...	2.30	0.00	...	...
6. Machinery, Transport & etc. (excl. of Agri.)	...	...	8	7	...	...	2.00	0.03	...	...
7. Textiles, Clothing, Leather & etc.	...	...	7	7	...	...	0.00	0.03	...	...
8. Miscellaneous	...	...	7	7	...	...	0.00	0.03	...	...
9. Rubber and its products	...	...	4	4	...	...	0.00	0.03	...	...
10. Oil, etc.	...	...	107	102	...	...	7.30	1.12	...	...
11. Wood & etc.	...	...	4	4	...	...	0.00	0.00	...	...
12. Foodgrain (Cereals and Pulses)	...	...	4	4	...	...	0.00	0.00	...	...
13. Fruit & Veg.	...	...	4	4	...	...	0.00	0.00	...	...
14. Miscellaneous	...	...	0	0	...	...	0.00	0.00	...	...
15. Iron & Steel	...	...	0	0	...	...	0.00	0.00	...	...
16. Oil	...	...	208	244	...	...	24.24	23.20	...	...
17. Oil (excl. of Agri.)	2172	1912	2172	1912	87.20	70.19	57.63	71.20	69.99	76.87
18. Iron & Steel	1205	4282	1216	4282	4.91	17.41	4.91	17.41	10.00	100.00
19. Textiles, Clothing & etc.	1797	1797	1797	1797	7.28	4.80	7.28	4.80	100.00	100.00
Grand Total	2474	2475	2474	2441	100.00	100.00	100.00	100.00	50.00	50.00

Note: For J.L. Vard, port commodity-wise break-up of Container Cargo for 2007-08 & 2008-08 is not available.

Table 2.1.7
(Contd...)

Commodity-Wise Break-Up of Container and General Cargo and Level of Demobilisation of Major Ports - Part-IIIa - 2007-08 to 2008-09

Commodities	General Cargo (000T)				% Share of Container in Total Container Cargo		% Share of General Cargo in Total General Cargo		Level of Demobilisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo		2007-08		2008-09		2007-08	
	2007-08	2008-09	2007-08	2008-09						
1	2	3	4	5	6	7	8	9	10	11
Major Ports										
LOADED										
1. Textiles and other manufactured goods	44	37	45	27	2.23	5.18	1.18	1.44	13.76	120.00
2. Metal & Metal products	28	12	22	16	1.82	1.54	0.27	0.00	12.41	100.00
3. Food Grains	7	3	0	0	0.11	0.05	0.03	0.00	-	-
4. Machinery (Diesel and other)	87	87	1021	1200	5.71	4.74	27.23	27.95	7.90	4.70
5. Miscellaneous	60	87	60	65	3.43	3.13	1.81	2.12	100.00	100.00
6. Fertiliser	143	154	123	173	8.35	14.17	3.87	6.24	100.00	100.00
7. Fruits & vegetables	34	24	34	33	2.30	1.24	0.81	1.14	100.00	100.00
8. Spices	3	0	0	3	0.30	0.43	1.20	1.10	-	-
9. Chemicals, Fertilisers and Mining	20	26	13	83	4.30	4.79	1.37	2.14	100.00	100.00
10. Machinery, electrical & other equipment	76	60	10	84	4.00	3.35	2.00	2.93	100.00	100.00
11. Drugs and Medicines	20	33	43	30	11.4	2.90	1.07	1.15	100.00	100.00
12. Petroleum Products	1	1	0	0	0.00	0.00	0.00	0.00	-	-
13. Miscellaneous	0	1	236	159	0.00	0.00	0.00	0.00	-	0.30
14. Chemicals	527	587	455	801	14.68	10.22	12.12	21.14	40.30	32.94
15. Dry Fruit	3	0	0	0	0.03	0.00	0.00	0.00	-	-
16. Sugar and Products	3	0	1	0	0.03	0.00	0.00	0.00	-	-
17. Lumber & Wood products	31	17	19	17	1.35	1.28	0.54	0.46	100.00	100.00
18. Other	574	336	184	274	27.10	26.63	20.64	24.11	41.27	24.48
19. Coal	0	0	3	1	0.30	0.03	0.03	0.00	-	-
20. Oil	1	5	7	4	0.43	0.41	0.19	0.10	100.00	100.00
21. Iron & Steel	4	3	265	11	1.90	0.24	0.30	0.28	1.70	0.20
22. Miscellaneous	563	553	1082	533	30.70	24.11	29.11	2.68	32.50	26.47
23. All other goods	1044	1114	3532	2752	50.20	44.51	44.47	16.72	35.64	40.55
24. Total Goods	1214	1117	191	177	9.77	2.49	4.33	4.14	100.00	100.00
25. Transportation and other	3	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	1846	1235	3741	3646	100.00	100.00	100.00	100.00	100.00	100.00

Table 2.1.7
(Contd...)

Commodity-Wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Part-IIIa - 2007-08 & 2008-09

Commodity	General Cargo (000T)				% Share of Containerised Total General Cargo		% Share of Containerised Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo		2007-08	2008-09	2007-08	2008-09	2007-08	2008-09
	2007-08	2008-09	2007-08	2008-09						
1	2	3	4	5	6	7	8	9	10	11
UNLOADED										
1 Iron & Steel	131	106	1199	1207	10.91	8.77	24.17	28.04	13.71	11.91
2 Misc. & Metal Products	39	21	39	20	2.71	2.14	4.57	3.90	10.11	10.13
3 Cereals	33	20	23	20	2.81	2.71	0.17	0.45	85.31	116.51
4 Paper, Hump & etc.	11.3	15	106	55	1.24	1.60	1.68	2.55	18.06	28.76
5 Plastic & its products	18	13	12	11	1.87	1.11	1.36	0.22	103.70	110.00
6 Machinery/Instrument and Transport equipment	45	41	105	200	4.00	4.34	2.76	4.45	43.75	20.00
7 Textiles/Leather & Synthetic/Manch.	5	4	2	0	0.54	0.00	1.15	1.11	100.00	100.00
8 Fertiliser	0	0	0	0	0.00	0.00	0.00	0.00		
9 Rubber and its products	11	6	3	0	0.81	0.00	1.13	0.00		
10 Oil, Petroleum	19	11	18	15	1.71	1.00	0.28	0.00	100.00	100.00
11 Beverages	0	0	1	3	0.00	0.30	0.00	0.00		
12 Foodstuffs (except Milk & Eggs)	0	0	70	200	0.00	0.30	1.77	4.14		0.00
13 Fish & Sea Food	3	0	0	0	0.00	0.00	0.30	0.00		
14 Industrial Alcohol & Sp. & Perf. products	3	0	0	0	0.00	0.00	1.00	0.00		
15 Drugs & Medicines	0	1	0	0	0.00	0.00	0.00	0.00		
16 Timber & Log	207	164	2143	2020	15.15	20.30	40.14	44.05	6.58	1.00
17 Others	229	175	414	151	20.24	19.10	5.98	3.16	35.00	10.00
18 Miscellaneous	329	155	874	204	27.24	14.70	12.35	1.19	26.84	10.00
19 All Commodities	1004	730	4346	4470	51.24	51.24	63.70	55.44	18.31	14.11
20 Containers	197	144	127	85	15.41	18.27	3.64	3.96	100.00	100.00
21 Containers and others	0	1	0	0	0.00	0.00	0.00	0.00		
Total TGM	1004	730	4346	4470	100.00	100.00	100.00	100.00	21.21	14.44

Table 2.1.3
(Contd...)

Commodity-Wise Break-Up of Container and General Cargo and Total of Containerization at Major Ports - Post-War - 2007-08 & 2008-09

Commodities	General Cargo (000T)				% Share of Containerized in Total General Cargo		% Share of Containerized in Total General Cargo		Level of Containerization % of Containerization in General Cargo	
	Container Cargo		Total General Cargo		2007-08		2008-08		2007-08	
	2007-08	2008-08	2007-08	2008-08	2007-08	2008-08	2007-08	2008-08	2007-08	2008-08
1	2	3	4	5	6	7	8	9	10	11
IMPORT - (MT/TEU)										
LOADED										
1. Textiles (Cotton, Silk, Woollen etc.)	1	1	1	0	0.12	0.00	0.00	0.00	0.00	-
2. PAMIS (Multi products)	4	4	335	260	1.04	1.18	12.64	24.27	1.42	3.32
3. Tea & Coffee	3	0	1	0	0.08	0.00	0.00	0.00	-	-
4. Fertilizer (Granule and Pellet)	1	0	60	26	0.03	1.18	0.04	1.78	0.20	0.00
5. Marine products	3	0	1	1	0.03	0.00	0.00	0.00	-	-
6. Fishes	1	1	81	43	0.03	0.13	0.10	1.18	0.20	0.00
7. Fruits & Vegetables	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
8. Grains	0	1	2	3	0.00	0.13	0.00	0.04	0.20	-
9. Machinery, Household (Domestic and Military)	0	0	1	1	0.00	0.00	0.00	0.00	-	-
10. Miscellaneous (Transportation equipment)	0	2	10	2	0.00	0.04	0.00	0.04	0.00	0.00
11. Drugs and Medicines	0	0	0	0	0.00	0.00	0.00	0.00	-	-
12. Dyes and Chemicals	0	0	0	0	0.00	0.00	0.00	0.00	-	-
13. Petroleum, etc.	0	1	0	0	0.00	0.00	0.00	0.00	-	-
14. Gravel etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
15. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16. Timber & Bamboo	0	0	0	0	0.00	0.00	0.00	0.00	-	-
17. Grains	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18. Petroleum	0	0	0	0	0.00	0.00	0.00	0.00	-	-
19. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
20. Grains	0	0	0	0	0.00	0.00	0.00	0.00	-	-
21. Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
23. Grains	0	0	0	0	0.00	0.00	0.00	0.00	-	-
24. Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
26. Grains	0	0	0	0	0.00	0.00	0.00	0.00	-	-
27. Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
29. Grains	0	0	0	0	0.00	0.00	0.00	0.00	-	-
30. Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
32. Grains	0	0	0	0	0.00	0.00	0.00	0.00	-	-
33. Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
35. Grains	0	0	0	0	0.00	0.00	0.00	0.00	-	-
36. Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
38. Grains	0	0	0	0	0.00	0.00	0.00	0.00	-	-
39. Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
41. Grains	0	0	0	0	0.00	0.00	0.00	0.00	-	-
42. Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
43. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
44. Grains	0	0	0	0	0.00	0.00	0.00	0.00	-	-
45. Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
47. Grains	0	0	0	0	0.00	0.00	0.00	0.00	-	-
48. Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
49. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
50. Grains	0	0	0	0	0.00	0.00	0.00	0.00	-	-
51. Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
52. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
53. Grains	0	0	0	0	0.00	0.00	0.00	0.00	-	-
54. Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
56. Grains	0	0	0	0	0.00	0.00	0.00	0.00	-	-
57. Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
58. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
59. Grains	0	0	0	0	0.00	0.00	0.00	0.00	-	-
60. Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
62. Grains	0	0	0	0	0.00	0.00	0.00	0.00	-	-
63. Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
64. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
65. Grains	0	0	0	0	0.00	0.00	0.00	0.00	-	-
66. Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
68. Grains	0	0	0	0	0.00	0.00	0.00	0.00	-	-
69. Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
71. Grains	0	0	0	0	0.00	0.00	0.00	0.00	-	-
72. Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
73. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
74. Grains	0	0	0	0	0.00	0.00	0.00	0.00	-	-
75. Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
76. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
77. Grains	0	0	0	0	0.00	0.00	0.00	0.00	-	-
78. Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
79. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
80. Grains	0	0	0	0	0.00	0.00	0.00	0.00	-	-
81. Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
82. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
83. Grains	0	0	0	0	0.00	0.00	0.00	0.00	-	-
84. Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
86. Grains	0	0	0	0	0.00	0.00	0.00	0.00	-	-
87. Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
88. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
89. Grains	0	0	0	0	0.00	0.00	0.00	0.00	-	-
90. Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
91. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
92. Grains	0	0	0	0	0.00	0.00	0.00	0.00	-	-
93. Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
94. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
95. Grains	0	0	0	0	0.00	0.00	0.00	0.00	-	-
96. Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
98. Grains	0	0	0	0	0.00	0.00	0.00	0.00	-	-
99. Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
101. Grains	0	0	0	0	0.00	0.00	0.00	0.00	-	-
102. Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
103. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
104. Grains	0	0	0	0	0.00	0.00	0.00	0.00	-	-
105. Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
106. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
107. Grains	0	0	0	0	0.00	0.00	0.00	0.00	-	-
108. Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
109. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
110. Grains	0	0	0	0	0.00	0.00	0.00	0.00	-	-
111. Petroleum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.		

Table 2.17
(Contd...)

Commodity-wise Break-Up of Container and General Cargo and Level of Containerisation at Major Ports - Port-wise - 2007-08 & 2008-09

Commodity	General Cargo (0001)				No. of Containers in Total Container Cargo		No. of Containers in Total General Cargo		Level of Containerisation as % of General Cargo	
	Container Cargo		Total General Cargo							
	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09
1	2	3	4	5	6	7	8	9	10	11
MAJOR COMMODITIES										
1000 TONNES										
1 Iron & Steel	57	41	1013	914	2.44	2.43	11.85	5.15	9.85	5.59
2 Mica & Mineral Products	154	81	1704	1412	12.15	12.24	11.34	11.14	2.50	7.32
3 Cement	17	17	88	51	2.62	2.18	4.25	3.01	21.12	27.11
4 Mineral Products	14	9	14	16	1.83	1.68	0.11	0.16	14.89	83.30
5 Plastic & In products	55	54	55	54	4.18	2.42	0.59	2.14	66.89	101.30
6 Limestone, marl and other types of stones	63	41	330	231	11.21	5.44	3.08	2.32	25.45	1.11
7 Inorganic chemical & other chemical products	18	7	15	2	1.30	0.14	0.15	0.12	61.83	101.30
8 Miscellaneous	3	4	7	0	0.18	0.18	0.08	0.00	-	-
9 Rubber and Polyurethane	12	7	12	1	1.89	1.22	0.18	1.27	100.00	100.00
10 C Limestone	6	3	6	0	0.00	0.00	0.00	0.00	-	-
11 Woodchip	6	1	50	15	0.00	0.30	0.00	1.16	0.00	1.60
12 Fertilizer (Chemical & other)	6	3	49	44	0.16	0.10	0.00	0.00	1.18	1.60
13 Fertilizer & Fertilizer	6	3	0	3	0.00	1.30	0.00	0.00	-	-
14 Mineral Products & other products	6	1	5	1	0.00	0.10	0.00	0.00	100.00	100.00
15 Deep Sea Products	6	1	0	1	0.00	1.14	0.00	0.00	-	100.00
16 Timber & Log	6	2	25	7	1.17	1.15	1.70	0.00	36.00	28.57
17 Gravel	214	204	6211	5942	22.11	23.50	25.12	25.82	2.96	5.29
18 Iron & Steel	14	1	54	2	1.80	1.63	1.95	0.34	14.26	0.00
19 Iron & Steel	8	4	11	4	1.81	3.74	3.87	0.04	100.00	100.00
20 Miscellaneous	222	203	6127	5667	23.11	24.83	14.41	14.17	7.04	1.24
21 All Container	623	57	2233	2284	22.84	100.00	24.13	100.00	5.16	0.72
22 Iron & Steel	102	3	124	3	12.34	0.00	1.57	0.00	101.30	-
23 Miscellaneous	6	3	0	3	0.11	0.18	0.00	0.00	-	-
Grand Total	768	571	12435	7585	76.51	100.00	100.00	100.00	8.10	6.12

Source: Major Ports

Quantities of Principal Commodities Imported by Country - 2008-09

Table 2.1.8

Unit: 1000 Tonnes

Country of Origin/Commodities	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	KDS	HDC	PPT	VPT	EPL	CHPT	TPT	COPT	NMPT	MOPT	JMPT	MMPT	SPPT	ALL PORTS
POL-CRUDE														
Angola				237									137	137
Brazil								123						
Iran				1235		537		930	7022				5360	14504
Iraq			334	54		253		148				136	2610	8787
Kuwait	23							1585				1421	7345	12383
Libya	238													701
Uganda						215		704						418
Morocco	233			1323		259		70					83	3073
Netherlands													1447	1447
Uganda	3173			523				502					5506	2810
Oman													919	919
Qatar												400	0	535
Russia													233	233
Saudi Arabia	2428	171		1844				433	1025			2545	1320	8125
Singapore													61	61
Sudan									627				52	52
Syria				84									0	84
Taiwan														84
Turkey				128									140	268
U.A.E			432	2310					1143			375	2517	7095
United Kingdom													125	125
USA													75	75
Other Countries				1737		4385		970	847			5571	3440	18039
Total	0	10738	4072	9422	0	8664	0	5338	10577	0	0	11807	73142	90155

Database Cargo of Principal Commodities Unloaded by Country (Port-wise) - 2008-09

Table 2.1.1 Contd.

In Millions															
Country of Origin/Commodities	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POLYMER (including LFG)															
Bahrain			14						262				332	34	506
Bangladesh			20												26
Belgium					70							3		0	0
China									3						21
Costa Rica												-2			3
Denmark												33			01
Egypt				2								1			1
France												1			1
Greece															1
Indonesia									3						1
Iran			17		25							32		3	45
Italy												8			5
Japan			21	31	48		34					26			834
South Korea					3							10			13
Kuwait					22					21				03	206
Leban												7			7
Malaysia			20	50	34		40					3			470
Morocco									3						18
Netherlands												5			3
Oman			7		8					71				3	102
Pakistan			36											35	83
Poland															4
Portugal															2
Qatar			38												1

QUANTITIES SHIPPED BY PRINCIPAL COUNTRIES UNLOADED BY COUNTRY (Port-Wheel - 2002-03)

Table 2.1.8 Contd.

Table 2.1.8 Contd.															Up Mill Run 192
Country of Origin/Commodities	KDS	HDC	PPT	VPT	EPL	CHPT	TPT	CoPT	MoPT	JNPT	NHPT	KPT	ALL PORTS		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
TOTAL		2								20				20	
East Africa		29	57	610			141		677			35	2348		
Singapore		383	271	182		44	44	56		98		77	628	1836	
Southeast												20		20	
Taiwan				62										62	
Thailand		20	60				35					31		97	
U.A.E.		78		28			160	30	433	303	16	670	10	1732	
USA					220						124			244	
Other Countries	32	63		55	28	100		51		135		62		1323	
Total	109	1758	876	1640	728	883	301	329	1528	440	397	2086	761	10686	
FERTILIZER															
Australia				145								30		195	
Bahrain									24					24	
Bangladesh			23	80										103	
Canada		236		392			32							360	
China			77	607			9	83	26	10		204		103	
CIS/Ex Russia							102		40			209		182	
Egypt														303	
France												20		20	
Germany				56					56					114	
Indonesia				60					18					78	
Iran							23					27		50	
Israel				83			102		110	23		340		627	
Italy												25		25	
Japan				49										49	

Table 2.1.8 Contd.

Country of Origin/Commodities

Country of Origin/Commodities	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Country of Origin/Commodities	KD4	HDC	PFT	VPT	EPL	CHPT	TPT	COPT	ROOPT	MOPT	JNPT	MBPT	KPT	ALL PORTS	
Jordan				30			183		118	130			52	1012	
Kuwait				36										36	
Lebanon				30									88	88	
Libya													42	42	
Lithuania				119			68						240	427	
Malaysia							31							53	
Mexico								125						125	
Oman				30			183		126				44	85	
Panama				470									173	1332	
Qatar				70					31				35	270	
Romania													47	47	
Russia				518			30		78				883	1892	
Saudi Arabia				50			22		31				30	170	
Singapore							5							15	
South Africa													44	44	
South Korea				23										45	
Sri Lanka								70						0	
Switzerland													23	70	
Thailand				37										37	
Tunisia													100	100	
Turkey				3			27						27	57	
U.A.E.				71			40						40	180	
Ukraine				118			30						302	1230	
United Kingdom							31						24	25	

Table 2.1.3 Cont'd.

Revised Charge of Principal Commodities Unloaded by Country (Port-Water) - 2008-09

Country of Origin/Commodities	In '000 Tonnes														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	KDB	HDC	PPT	VPT	EPL	CHPT	TPT	CoPT	MAPT	MAPT	MAPT	MAPT	MAPT	KPT	ALL PORTS
USA							48	74		68				227	882
Vietnam														1	4
Other Countries							29						138	212	802
Total	0	348	273	2400	0	685	1147	123	306	182	0	0	138	6185	12171
PRIM-ORY															
Algeria			200	40			9								420
Bahrain							5	22						82	33
China				144											134
Egypt		14	230				150		2					112	401
Iran			42	10			6	80	8			10			183
Iraq		18												7	25
Indonesia														12	1
Israel				22			26						14		82
Japan							10								40
Jordan		184	106				280						124	16	1351
Kuwait			54	19										10	70
Maldives			734												734
Malta		10		19			4								80
Pakistan							12								12
Qatar			44												4
Russia		14	197												211
Saudi Arabia		8	148	128										27	307
Singapore		10													15
Spain			80												80
Taiwan			30												30

Table 2.1.8 Contd.

Inward cargo of principal commodities unloaded by country Port-wise - 2013-14

Country of Origin/Commodities	KDS	HDC	PPT	VPT	EPL	CHPT	TPT	CoPT	MUMPT	MCOPT	JNPT	MMPPT	KPT	ALL PORTS	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Total				238										238	
U.A.E				200	65			42				21	4	412	
USA													25	25	
Ukraine			21	14										52	
Vietnam				338			41							330	
Other Countries	73			7	7		228	135				5	46	408	
Total	23	280	3337	734	734	0	287	286	43	0	0	213	258	4106	
FRUIT/JUICE															
Antigua				18										18	
Australia				24										24	
Bahamas				12										12	
Bangladesh		12		24	35									72	
Costa Rica								8						8	
Egypt				18	34									62	
Indonesia			2	11										42	
Kenya				13										102	
Japan				103	80								31	203	
Jordan								12					113	127	
North Korea				47										47	
Kuwait													4	4	
Lebanon													3	3	
South Korea				102	0									102	
Malaysia		52		102										102	
Morocco		202		241				26	41	113				364	
Oman				38									8	8	

Table 2-1.8 Contd.

Previous Cargo of Principal Commodities Unloaded by Country (Port-wise) - 2018-19

Country of Origin/Commodities	KDS	HDC	PPT	VPT	EPL	CHPT	TPT	QAPT	NMPT	MOPPT	JMPT	MOPPT	KPT	ALL PORTS	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Mtp 7000 Tonnage															
Udaer					21					38			15		72
Saudi Arabia			34	200	23					13			96		314
Senegal													304		305
Singapore				3											3
South Africa					50			36		31			126		232
Spain			35		5					24					35
Sri Lanka															119
Tunisia					17								20		37
USA													140		140
U.A.F			4	70	20					6			22		22
Ukraine					8										8
Other Countries				38	17			16					32		103
Total	0	400	1188	889	889	0	0	0	38	193	339	0	0	1180	3673
FOOD GRAIN															
Canada					146								341		45
France													21		31
Japan															3
Myanmar							22						25		47
Other Countries													63		63
Total	0	3	0	144	144	0	22	0	0	0	0	0	450	0	623
IRON & STEEL															
Australia															0
Bangladesh															0
Belgium							41								41
China		7	38	5	24		45						346	35	739
Other (Ex. Russia)							2								2

Table 2.1.8 Contd.

Table 2.1.8: Cargo of Principal Commodities Unloaded by Country (Part-wise) - 2000-01

The '90s Forecast															
Country of Origin/Commodities	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	KDS	HQC	PPT	VPT	EPL	ChPT	TPT	CoPT	MoPT	JNPT	MaoPT	KPT	ALL PORTS		
Egypt												11	11		
France												2	2		
Germany						6						190	200		
Hong Kong			6										6		
Indonesia		2		5								17	23		
Italy						6							8		
Japan	2	10		2		100						125	471		
North Korea												107	107		
South Korea			36									234	234		
Malaysia												5	5		
Malaysia						2						13	13		
Margolia												1	1		
Myanmar													2		
Pakistan													1		
Romania						1							1		
Russia												50	370		
Singapore		15				38						13	14		
Saudi Arabia												2	2		
South Africa												10	10		
Taiwan		5											2		
Thailand		40		1		2						2	63		
Turkey												61	61		
Ukraine				40								60	100		
USA						1						1	1		
Vietnam			4										1		

Table 2.18 Contd.

Overseas Cargo and Principal Commodities Imported by Country (Port-wise) - 2018-19

In '000 Tonnes

Country of Origin/Commodities	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
KOD	HOG	FPT	VPT	EPL	CHPT	TPT	CAPT	MMPT	MMPT	MMPT	MMPT	MMPT	MMPT	MMPT	ALL PORTS
Other Countries	5						218		176					15	412
Total	18	121	63	60	0	483		0	186	0	0	0	1236	373	3129
CRUDE OIL															
Argentina		107					52		9			1:5		134	421
Australia							4								4
Bangladesh		12													12
Brazil							3					20		24	81
China		16												3	23
CI (Ex. Russia)							40								40
Egypt							25								25
Hong Kong														25	25
Indonesia		446			6		325	177		345		304	307	325	2535
Italy												2			2
Malaysia		42	12	8			177	21		104		184	78	25	625
Mexico		10													10
Philippines														4	4
Russia									3			17			20
Singapore		4					46								46
South Korea														8	8
Thailand		15	5												24
Ukraine									16			47		14	71
USA														4	4
UK												10			10
Venezuela		70													70
Other Countries	526												31	73	630

Table 2.1.4 Contd.

Quantities Reported in Principal Commodity Offices (continued) - 2010-11

in '000 Tons

Country of Origin/Commodities	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		KD\$	HDC	PPT	VPT	EPL	CHPT	TPT	CoPT	HMPT	MDPT	JMPT	MBPT	KPT	ALL PORTS
Total		684	688	32	12	0	821	198	0	477	0	762	448	608	4910
COAL (COMMODITY)															
Australia			4580	4840	8475		828			107	208			206	18621
Barzain			2												57
China			102		81		2-5			74	283				1102
Egypt				51											31
Indonesia			47	53			280			937				158	1820
Japan							17								17
Malaysia			6												8
New Zealand			201	252	208										537
Philippines										30					30
Russia			17	27	6										30
Saudi Arabia															70
Singapore			58												65
South Africa				16						385	1134			10	1027
South Korea				24											24
Spain				25											20
USA			626		757		240				84				1846
Vietnam				121						18					147
Other Countries							5720								6789
Total		0	5523	5430	7661	0	7402	0	0	1229	4107	0	0	467	82518
COAL (THERMAL)															
Australia											75			507	518
Russia														13	13
Indonesia								1145	125		263		588	40	4870

Table 2.1.3 Contd.

Investment Income and Principal Contributions Imputed by Country (Percent) - 2008-09

Country of Origin/Commodities	DISTRIBUTION														ALL PORTS
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2008															
Myanmar														28	34
Paraguay														21	31
Philippines														38	50
South Africa														47	47
Vietnam									128		114			212	550
Other Countries				3555		1174		167					755		5063
Total	0	0	0	3555	0	1174	0	1312	258	0	449	0	3675	1407	12112
IRON ORE (PELLETS)															
Oman														18	18
Saudi Arabia														36	36
Other Countries	194														152
Total	194	0	0	0	0	0	0	0	0	0	0	0	0	42	246
OTHER ORES															
Australia			153	128	82			182							535
Brazil								47							43
Chile								502							502
China							9							5	31
Gabon					71										71
Guinea (Bissau)								63							63
Indonesia								40							40
Ivory Coast					15										15
Korea				10											16
Peru								45							45
Singapore			23												23

Table 2.1.8 Contd.

Imports of Principal Commodities Unloaded by Country (Port-wise) - 2008-09

Unit: MT (Metric Tons)

Country of Origin/Commodities	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		KDS	HDC	PPT	VPT	EPL	CHPT	TPT	COPT	NMPT	MMPT	JNPT	BLPT	KPT	ALL PORTS
Gulf Area			4	233	12			238						22	215
Sri Lanka				20				16							20
Turkey								2					8	12	10
Other Countries															95
Total	6	216	432	32	32	0	10	1140	0	0	0	0	81	33	2114

Source: Major Ports

Unit: MT (Metric Tons)

Imports of Principal Commodities Unloaded by Country (Port-wise) - 2008-09

Table 2.1.9 **Imports of Principal Commodities Loaded by Country of Port-of-Origin - 2010-11**

Country of Origin/Commodities	Imports (in million tons)													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	KDB	HDC	PPT	VPT	EPL	CHPT	TPT	COPT	MMPT	MOPT	JMPT	MBPT	KPT	ALL PORTS
POLYMER														
China				29					69				64	100
Egypt									40				10	40
Indonesia									49				01	51
Iran									49				35	90
Japan				20					60		35	75	10	231
Korea				29									10	29
North Korea									249		105		82	451
South Korea				50							44		130	224
Korea									60				30	80
Lebanon									42				2	42
Malaysia				29					264			275	20	569
Malta									34				84	84
Mauritius									1028					1028
Netherlands									1028					1028
Oman			6						23					20
Saudi Arabia													60	60
Singapore			179	743			131	210	1467		110	412	2343	6125
Sri Lanka			24						40		10		05	114
Sudan				20									10	20
Switzerland											37			37
Taiwan				22					167					180
Thailand				60										60
U.A.E.		20		123					201		11		225	256

Table 2.1.9 Contd.

Diversified Charges of Portals and Commodities Loaded into Containers (Part-1/188) - 2018-19

Country of Origin/Commodities	On 11th 11th 11th														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
United Kingdom														18	18
USA										38				38	38
Yemen					187					38				38	38
Yugoslavia							40							40	40
Other Countries							271		28				1834	24	1672
Total	0	202	0	1303	0	1052	0	273	4366	0	182	5086	6178	15003	15003
FOOD GRAIN															
Bangladesh	31													44	75
Ethiopia														24	24
France														2	2
Iran														34	34
Japan														60	60
Korea				18										63	81
Kenya														15	15
Kuwait														54	54
Malaysia					11									144	144
Maldives														8	8
Mozambique														15	15
Oman														10	10
Saudi Arabia														503	503
Somalia														6	6
Sri Lanka							28							25	25
Tanzania							6							6	6
TOTAL														70	70

Table 2.1.9 Contd.

Diverses Cargo of Principal Commodities Loaded by the country (Part-wise) - 2003-04

in Million Tonnes

Country of Origin/Commodities	KD9	HDC	PFT	VPT	EPL	CHPT	TPT	CoPT	NHPT	MOPT	JHPT	MHPT	KPT	ALL PORTS
	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Vietnam				25			16						5	21
Yemen													79	79
Other Countries				292			4		111			29	57	438
Total	34	0	0	355	0	0	194	0	131	0	0	25	1029	1747
IRON & STEEL														
Bahrain				1										
Bangladesh		8		45										52
Belgium				48										48
Canada				15										15
China		48	58											102
Germany							15							15
Greece				4										4
Indonesia							2		20					22
Iran		14	17	14										45
Italy				8									5	12
Japan		27	2											29
Mexico				7										7
Malaysia		26		3										29
Myanmar	4			2										6
Netherlands				3										3
Oman		6		15										20
Philippines			10	10										10
Saudi Arabia			5	10										15
Singapore				12										12

Table 2.1.8 Contd.

Increases Cargo of Principal Commodities Loaded by Country (Part-III) - 2018-19

in '000 Tonnels

Country of Origin/Commodities	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		KOB	HDC	FPT	VPT	EPL	CHPT	TPT	QAPT	NIAPT	MAPT	JAPT	MIAPT	KPT	ALL PORTS
Spain					18									12	18
Sri Lanka			12		31										73
Sudan					2		8								8
South Africa			7												7
South Korea				27											27
Taiwan					10										10
Thailand					19		8								25
Turkey					24										24
UAE					43										141
United Kingdom					5										79
USA							30				112				237
Yemen			3	2	3										7
Other Countries					407		23		9					17	268
Total	46	200	200	112	481	0	136	0	9	0	132	0	628	26	4777
IRON ORE															
China	286	8727	14028	7042	7042	1111	6826			3855	28702				7554
Hongkong										25	64				58
May											22				22
Japan					1472		231				3105				4626
Kenya											38				38
South Korea											302				252
Kuwait											85				85
Netherlands											267				267
Pakistan										38	827				107

Table 2.1.8 Contd.

Appendix 28: Cargo of Principal Commodities Loaded by Country (Port-wise) - 2016-16

In '000 Tonnage

Country of Origin/Commodities	1	2	3	4	5	6	7	8	9	10	11	12	13	14	ALL PORTS
Qatar											25				25
Romania											163				163
Saudi Arabia											20				20
U.A.E.				53							12				12
Total	222	8129	14146	8214	1111	5845	0	0	9028	53446	0	0	0	0	92108
OTHER ORES															
Bahrain														20	20
Belgium				4											4
China				100	112		37	21						3	147
Finland								12							12
France															16
Italy															3
Japan				135	0	23		0						5	172
Korea								13							13
Kuwait														5	5
Oman														7	7
Qatar								2			104		0	242	244
Singapore							17							181	198
Uganda								29							29
South Korea				41										42	41
Malaysia								67			14		13	65	122
Netherlands								28			2004		2004	104	208
Saudi Arabia											384				384

Table 2.1.3 Contd.

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

In MT/Year

Country of Origin/Commodities	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		KDS	HDC	RPT	VPT	EPL	CHPT	TPT	COPT	NHPT	MCPT	JNPT	MBPT	KPT	ALL PORTS
UAE			4											40	44
USA							186	23							204
Other Countries					23		433							101	665
Total		0	4	530	151	0	763	185	0	0	384	0	0	832	2379

Source: Major Ports

Table 2.1.10

**Tare Weight of Containers loaded At Major Ports -
2006-07, 2007-08 & 2008-09**

(in MT/Ten thousand)

Port	Container Cargo			Tare Weight			Container Traffic		
	2006-07	2007-08	2008-09	2006-07	2007-08	2008-09	2006-07	2007-08	2008-09
1	2	3	4	5	6	7	8	9	10
Kembla	2370	2268	1854	426	348	282	2772	2516	1138
Mumbai	1901	1991	1000	279	242	102	1500	1633	1281
J.L. Nehru	30862	49214	42228	8942	5709	8374	40511	51128	50602
Kanungad	127	132	147	26	37	31	155	196	175
N.Mangalore	225	272	342	85	17	62	268	149	404
Chennai	2482	2633	2952	437	560	670	2848	3183	3622
Tuticorin	3200	4981	4831	631	1040	851	4011	6380	5432
Chennai	11501	16585	15110	2605	2425	2488	14186	18050	20581
Vishakhapatnam	871	975	1167	120	150	184	1388	1128	1061
Paradeep	31	54	31	2	4	3	34	50	31
Haldia Dock Complex	1858	2120	2107	232	257	266	1810	2387	2370
Kolkata Dock System	3479	4438	4515	524	651	831	4003	5189	5470
Total	80887	99735	73408	12489	11312	13952	72466	82247	82440

Source: Major Ports

Table 2.1.11

Reefer Container Traffic at Major Ports - 2007-08 & 2008-09

Port	Year	Export				Import			
		20' H Containers		40' H Containers		20' H Containers		40' H Containers	
		TEUs	Tonnes	TEUs	Tonnes	TEUs	Tonnes	TEUs	Tonnes
1	2	3	4	5	6	7	8	9	10
Pattadak Dock System	2007-08	284	11780	1135	21700	585	6037	1165	15080
	2008-09	250	50142	1400	101520	585	6634	378	5842
Haldia Dock Complex	2007-08	1	20	4	80	44	772	50	875
	2008-09	-	-	-	-	25	892	14	158
Paradip	2007-08	-	-	-	-	-	-	-	-
	2008-09	-	-	-	-	-	-	-	-
Visakhapatnam	2007-08	601	15500	3324	50872	332	1508	1125	7742
	2008-09	606	12550	3322	45281	603	1322	1122	7528
Chennai	2007-08	1098	...	4074	...	248	...	3623	...
	2008-09	1044	13722	2932	70175	1127	20206	4367	37515
Tutukudi	2007-08	505	7350	2544	26228	16	164	333	4434
	2008-09	835	2250	6671	17725	078	8475	8873	23372
Cochin	2007-08	11201	169573	-	-	8805	27038	-	-
	2008-09	2217	140172	-	-	10277	48368	-	-
New Mangalore	2007-08	51	1124	1822	28034	26	102	1064	2083
	2008-09	42	543	1532	28131	37	120	1810	3078
Mormugao	2007-08	34	262	1724	21004	50	187	1480	1888
	2008-09	12	72	1715	25018	7	8	1088	1884
ALHilva	2007-08	2744	10807(0)	45078	200157(0)	2164(0)	5134(0)	4621(0)	10399(0)
	2008-09	2543	8077(0)	22890	273139(0)	1535	62599(0)	34080	42420(0)
Mumbai	2007-08	-	-	-	-	13	150	24	262
	2008-09	-	-	-	-	6	115	30	275
Kandla	2007-08	2	22	22	142	8	117	40	350
	2008-09	7	40	34	851	12	112	25	146
Total	2007-08	17100	209123	87330	218911	10221	37012	11707	58141
	2008-09	15688	201957	79487	307003	14723	154232	32504	201550

(a) Excludes MSKT

(b) Excludes Empty Containers

(c) Includes Inland Import

(d) For MSKT only

Note: There is no container traffic at Eranga.

Source: Major Port.

Table 2.1.12 Level of Containerisation in General Cargo at various Major Ports - 2007-08 & 2008-09

Port/Year	Container Cargo* (000 container)			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
KAMLAJA									
2007-08	1548	7070	8618	3743	6015	9758	41.5	54.3	59.8
2008-09	1739	559	2298	3689	4635	8324	43.5	19.5	30.5
MUMBAI									
2007-08	598	758	1356	2831	12428	15259	39.1	5.2	10.1
2008-09	720	571	1291	2812	9158	12269	34.1	6.7	10.5
J. L. NEHRU									
2007-08	27179	24714	51893	27193	24747	51940	100.0	100.0	100.0
2008-09	26167	24175	50342	25125	24441	49567	100.0	100.0	100.0
MORMUGAO									
2007-08	84	32	116	417	82	499	20.1	100.0	33.5
2008-09	87	51	138	415	58	473	21.0	38.0	35.1
NEW MANGALORE									
2007-08	168	153	321	215	578	793	77.2	28.6	40.3
2008-09	158	215	373	254	300	554	73.2	55.0	62.7
GOCHIN									
2007-08	1653	1993	3646	1811	1358	3169	58.4	58.7	52.3
2008-09	1925	2195	4120	1835	2357	4192	58.8	50.8	54.0
TUTICORIN									
2007-08	2977	2763	5740	4877	3157	8034	59.0	52.0	58.4
2008-09	2907	2073	4980	4827	3722	8549	52.0	71.5	65.5
CHENNAI									
2007-08	8873	5871	14744	10890	10338	21228	84.3	26.6	47.5
2008-09	9084	10817	20581	11664	11547	23211	87.0	21.9	55.5
VISAKHAPATNAM									
2007-08	812	455	1267	1787	1080	2867	39.0	42.2	40.5
2008-09	737	824	1561	1844	1054	2898	40.0	51.8	45.5
PARADIP									
2007-08	57	1	58	101	228	329	58.4	0.4	17.8
2008-09	34	0	34	118	111	229	19.8	0.0	23
KOLKATA DOCK SYSTEM									
2007-08	1008	9288	10296	2586	6225	8811	70.8	51.0	65.0
2008-09	2307	8180	10487	2580	4925	7505	77.4	70.2	73.2
HALDIA DOCK COMPLEX									
2007-08	1388	1014	2402	1578	1437	3015	82.4	55.2	75.7
2008-09	1319	1064	2383	1521	1295	2816	80.7	51.4	64.9
TOTAL									
2007-08	46071	45276	91347	67420	68411	135831	61.8	58.2	64.5
2008-09	46041	46408	92449	56586	64245	120831	64.0	72.4	77.2

* Kola Containers were not handled at Farakka Port

* Includes break weight also.

Source: Major Ports

Table 2.1.13

Inland Container Movement At Major Ports - 2007-08 & 2008-09

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
Coastal Dock System	2007-08	2855	...	198248	1704602	13637	...	161134	3162147	210032	5023003
	2008-09	3482	...	193538	2142020	1452	...	146916	2917817	200043	6031910
Pakla Dock Complex	2007-08	2803	27320	95101	1352503	2158	83040	70446	968324	771547	2780664
	2008-09	2234	27445	83414	1785912	1435	12863	65776	1121842	270044	2206448
Durgam	2007-08	...	...	...	...	...	...	...	...	...	...
	2008-09	...	...	...	...	...	...	...	...	...	...
Vadgaon	2007-08	409	2675	52662	657329	1236	23004	32002	672005	52762	1942373
	2008-09	289	6682	42907	510726	5	25	42168	804145	54738	1820528
Chennai	2007-08	26485	...	492999	...	36617	...	510226	...	100223	0
	2008-09	25938	...	519749	...	47820	...	293212	...	123221	0
Tuticorin	2007-08	1136	2636	222836	2874051	1120	2652	219725	2750838	420306	9928977
	2008-09	712	2405	222040	2822012	420	900	210040	2673876	428548	9481252
New Mangalore	2007-08	60	136	10205	166244	-	-	11011	154232	21460	310680
	2008-09	-	-	14072	136860	-	-	14463	210136	29555	403275
Cochin	2007-08	9504	54836	3826	48246	2224	14215	3030	6024	13636	193221
	2008-09	2732	...	8872	...	672	...	1877	...	14243	0
Mumbai	2007-08	-	-	7374	61012	-	-	7422	67168	14009	28000
	2008-09	-	-	8866	81560	-	-	8490	72636	18251	124732
J.L. Nehru	2007-08	10716	4286237	384287	9181322	95299	1363240	322450	6047770	663620	19780827
	2008-09	92780	1381162	202360	5179542	84884	1604723	352053	6205128	752407	12000616
Mumbai	2007-08	142	1810	6763	70372	-	-	34320	257416	60244	325146
	2008-09	1481	38504	9401	42141	-	-	205542	1533200	310434	216118
Kandla	2007-08	-	-	16315	350128	21231	208305	-	-	36648	558034
	2008-09	-	-	15821	282313	15455	84405	-	-	25078	367270
Total	2007-08	138393	4300362	1285402	15082089	177017	2124971	1384467	14570729	3081579	84915958
	2008-09	134674	1649508	1215800	10402867	160432	1712263	1503824	11977063	3123440	26137507

(a) Realized INPCT (b) Excludes 100000 of 3122 containers.
 Note: Containers are reloaded at C to P Port
 Source: Major Ports

Table 2.1.14

Inland Container Import Movement of Containers at Major Ports -
2007-08 & 2008-09

(TEUs)

PORT	2007-08				2008-09			
	ICD Movement			Total Container Traffic	ICD Movement			Total Container Traffic
	Moved In	Moved out	Total		Moved In	Moved out	Total	
1	6	7	8	9	6	7	8	9
Kolkata Dock System	6609	10782	18368	237187	6654	10160	20716	302160
Haldia Dock Complex	-	-	-	128110	-	128	128	127410
Paradip	-	-	-	4188	-	-	-	2589
Visakhapatnam	449	1209	1656	71120	259	1	260	88124
Chennai	21520	37207	58907	1921794	88788	97563	110345	1738809
Tuticorin	26598	7682	34280	450898	11763	8798	20568	438543
Cochin	6537	2928	2675	252530	3419	591	9110	260764
New Mangalore	-	-	-	21460	-	-	-	20560
Marsapur	-	-	-	54077	-	-	-	14227
JLNahar	241988(a)	288932(a)	631321(a)	4053641	488507(a)	289083(a)	757385(a)	3057770
Mumbai	693	66	779	117096	1628	10	1628	92592
Kandla	2	2	4	103092	2	2	4	137168
All Ports	307287	349996	658683	6704601	690875	216233	908208	6570261

ICD ICD Movement figures shown are for JNFCT and HSNCT only.

Source: M.P. of India

Table 2.1.15 Selected Physical Performance Indicators - By Type of Vessels - 2007-08 & 2008-09

Item/Year	Category of Vessels					
	Dry-Bulk (Meth.)	Dry-Bulk (Conv.)	Liquid Bulk	Break- Bulk	Container vessels	All Types
1	2	3	4	5	6	7
1. No. of vessels called						
2007-08	1748	4485	6208	2152	5624	21529*
2008-09	1813	4512	6627	2350	5610	21366*
2. Av. pre-berthing waiting time(days)						
2007-08	1.07	2.29	1.28	1.60	0.71	1.65
2008-09	2.31	2.58	1.48	1.91	0.88	1.62
3. Av. turnaround time (days)						
2007-08	4.16	8.81	2.85	5.45	2.00	3.98
2008-09	4.22	8.98	3.24	6.15	1.92	4.20
4. Percentage of idle time at berth to time at working berth						
2007-08	24.8	19.3	24.6	22.2	18.5	22.3
2008-09	32.2	16.8	26.5	30.5	15.0	22.9
5. Av. Output per ship berth day (tonnes)						
2007-08	20067	6381	11024	1408	13778	9440
2008-09	13104	8518	17430	1847	15220	9663

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

†: Total may not tally with totals as some vessels are double counted in 2007-08 & 2008-09 respectively. 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 - 2007-08 & 2008-09

Item	Kolkata Dockyard	Haldia Dock Complex	Paradip	Visakhapatnam	Emmure	Chennai	Tuticorin	Cochin	New Mangalore	Mumbai	J. L. Nehru	Mumbai	Kandla	All Ports
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1. No. of vessels called														
2007-08	1072	2235	1519	3340	273	2103	1570	300	1144	745	3316	2038	2558	2750
2008-09	1087	2326	1528	2947	143	2170	1524	297	1102	805	2951	1831	2617	21386
2. Av. pre-berthing waiting time(days)														
2007-08	0.57	2.55	2.87	1.10	1.30	1.55	1.24	0.50	0.63	2.21	0.83	0.93	7.61	1.05
2008-09	0.56	3.38	2.92	1.20	0.27	1.30	1.08	0.70	0.85	1.57	0.55	1.41	2.82	1.59
3. Av. turn round time (days)														
2007-08	5.48	4.25	5.04	3.01	2.28	4.55	3.85	1.54	3.21	8.24	1.02	4.37	5.19	3.68
2008-09	6.10	4.21	4.72	3.93	2.35	4.15	3.84	2.14	3.00	6.60	1.92	4.25	5.38	4.20
4. Percentage of idle time at berth to time at working berth														
2007-08	85.5	50.5	20.0	22.4	11.2	24.7	1.0	25.3	19.3	17.0	8.0	17.8	17.6	22.2
2008-09	39.1	28.3	23.1	21.7	17.5	24.2	28.7	24.6	18.4	12.4	8.1	17.6	22.2	20.6
5. Av. Output per ship berth day (tonnes)														
2007-08	2183	2358	17181	10813	15300	10132	6474	15851	12884	1132	10708	4519	11216	9440
2008-09	2027	1712	12535	11171	28424	10718	5817	10056	13545	5250	20344	5717	13707	9059

1.1: Excludes Lightage Operation. 1.2: Excludes Green Vessels except for TRT & No. of vessels. 1.3: Includes Green Vessels

1.4: Performance related to Coal Handling plant for No. of vessels.

Source: Major Ports

Table 2.1.17

Number of Vessels Sailed by Type of Vessels - 2007-08 & 2008-09

Port	Type of Vessel												
	Container		Break Bulk		Dry Bulk (Conv.)		Liquid Bulk		All Types				
	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	
1	2	3	4	5	6	7	8	9	10	11	12	13	
Saudi Arab System	518	528	20100	25431	-	-	36	42	171	240	1012	1067	
Hudhri Arab Complex	450	512	1037	82	302	313	515	510	949	1040	200114	200114	
Persip	18	8	40	88	442	481	770	758	2214	278	1813	1538	
Marine Corporation	212	251	267	27	285	212	823	330	6613	903	3346	2347	
Emare	-	-	-	-	191	174	43	21	15	35	213	222	
Omanif	713	713	432	458	100	100	300	341	429	441	2013	2072	
Talash	440	451	507	420	141	140	236	282	198	11	1375	1524	
Enchin	340	385	72	61	3	4	36	35	350	803	803	757	
New Navigation	64	89	30	72	57	42	340	302	630	630	1144	1104	
Maritime	37	38	16	8	24813	238021	263150	342001	170	170	68	126	
J. Al-Nah	2725	2478	10	15	-	-	46	67	322	428	5119	2631	
H. Al-Fad	14	12	755	672	-	-	224	333	1035	1014	2088	1931	
Kand	293	321	357	448	-	-	595	636	1205	1212	2508	2510	
All Ports	8024	4410	9112	2690	4740	1313	4055	4512	8091	8127	21529	21336	

2.1.7 & 2.1.8 vessels carried Break Bulk Cargo in 11 ports. Dry Bulk Cargo in Export leg are counted once in total in 2007-08 & 2008-09 respectively.

2.1.9 vessels carried Break Bulk Cargo in 11 ports. Dry Bulk Cargo in Export leg are counted only once in the total.

2.1.10 & 2.1.11 vessels carried Break Bulk Cargo in 11 ports. Dry Bulk Cargo in Export leg are counted only once in the total.

2.1.12 & 2.1.13 vessels carried Break Bulk Cargo in 11 ports. Dry Bulk Cargo in Export leg are counted only once in the total.

2.1.14 vessels carried Break Bulk Cargo in 11 ports. Dry Bulk Cargo in Export leg are counted only once in the total.

2.1.15 vessels carried Break Bulk Cargo in 11 ports. Dry Bulk Cargo in Export leg are counted only once in the total.

Source: Major Ports

Table 2.1.12

Average Pre-berthing Ditchman By Type of Vessel - 2007-08 & 2008-09

Part	Compressor											
	2007-01	2008-09	2007-08	2008-08	2007-07	2008-07	2007-06	2008-06	2007-05	2008-05	2007-04	2008-04
1	2	3	4	5	6	7	8	9	10	11	12	13
Katada Dry System	0.45	0.41	0.54	0.78	-	-	0.41	0.79	0.39	1.07	0.95	0.86
Hardy Dry Canister	1.32	0.80	4.95	0.44	0.61	4.43	4.89	8.25	2.14	2.36	2.85	3.39
Pa. d.c.	0.70	0.45	0.34	4.32	1.73	1.19	4.51	3.04	0.72	0.76	2.57	2.32
Washdispersion	2.12	0.17	1.32	1.62	1.11	1.53	1.45	1.59	0.99	1.05	1.10	1.70
Snake	-	-	-	-	0.93	0.67	-	-	-	-	0.93	0.27
Cherries	0.85	0.67	1.22	1.26	3.21	3.17	2.21	2.43	1.31	1.63	1.25	1.36
Tussock	0.45	0.45	1.83	1.42	0.48	1.11	1.64	1.62	1.31	1.03	1.54	1.02
Coconut	0.55	0.59	0.33	0.86	0.20	0.47	0.16	1.11	0.74	0.67	0.50	0.70
Hardy Shingles	0.20	0.32	0.45	0.75	0.53	0.91	0.70	0.80	0.62	0.73	0.59	0.83
Normal20C	0.11	0.16	1.25	1.63	4.06	3.62	1.77	1.18	0.83	0.44	1.11	1.11
LLM20	0.82	0.75	0.41	1.83	-	-	0.97	2.32	0.09	1.71	0.82	0.55
Normal	0.38	0.51	0.65	0.25	-	-	1.28	3.12	1.22	2.30	0.86	1.11
Katada	0.42	0.57	3.40	4.72	-	-	4.54	4.02	1.78	1.40	2.04	1.82
All Parts	0.71	0.86	1.63	1.61	1.97	1.31	2.69	2.63	1.28	1.49	1.43	1.83

Table 2.1.19

Average Turn Round Time - By Type of Vessels - 2008-07 to 2009-08

(in Days)

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (Conv.)		Liquid Bulk		All Types		
	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2009-09
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Victoria Dock System	4.53	2.89	7.42	7.56	-	-	8.23	10.31	4.12	4.26	5.46	5.10	
India Dock Complex	2.34	2.40	8.87	7.17	5.33	6.03	8.63	5.54	2.14	2.12	4.20	4.27	
Parade	2.36	1.63	10.81	8.97	9.16	9.81	7.75	6.16	1.63	2.08	5.54	4.79	
Vishakhapatnam	0.74	0.73	9.1	5.54	8.80	8.86	5.32	5.23	2.91	2.06	3.51	3.53	
Ennore	-	-	-	-	2.00	2.85	-	-	-	-	3.03	3.00	
Chennai	2.40	2.02	6.14	4.44	5.57	5.88	8.67	7.87	9.81	3.57	4.35	4.13	
Tuticorin	1.23	1.20	8.17	4.23	3.01	4.71	6.92	6.76	8.30	5.10	2.85	3.64	
Cochin	1.14	1.37	4.18	4.53	6.11	7.30	5.63	6.34	1.06	1.74	8.4	2.16	
New Mangalore	1.26	1.64	6.80	3.85	2.84	2.85	4.85	4.04	2.29	2.45	3.27	3.10	
Mettur	1.50	1.88	8.37	8.33	3.44	6.76	8.18	7.77	1.79	1.03	6.34	5.85	
J. N. Port.	1.59	1.62	1.04	2.93	-	-	4.90	5.38	2.28	3.03	1.86	1.90	
Mumbai	2.34	2.58	1.88	5.02	-	-	21.43	8.03	9.32	3.75	4.07	4.96	
Goa	1.70	2.00	8.78	1.32	-	-	3.57	9.48	3.87	5.25	3.19	7.38	
All Ports	1.80	1.92	6.46	6.41	4.16	4.92	6.61	8.88	2.86	3.24	3.88	4.20	

Source: Major Port

Table 2.1.5b

Percentage Of Idle Time At Working Berth To Time At Working Berth - BY Type Of Vessels - 2006-07 & 2007-08

Port	Container		Break Bulk		Dry Bulk (Bkch.)		Dry Bulk (Conv.)		Liquid Bulk		All Types	
	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09
1	2	3	4	5	6	7	8	9	10	11	12	13
Kolkata Dock System	30.7	31.3	38.0	56.7	-	-	40.0	45.4	47.3	53.7	33.5	38.2
Haldia Dock Complex	26.7	23.9	23.5	21.3	20.3	32.0	26.4	25.2	36.1	33.2	31.8	29.3
Paradip	26.0	32.7	19.3	24.1	39.2	- 02.5	25.4	26.0	-	-	25.6	26.1
Vishakhapatnam	28.3	26.9	13.4	19.0	40.5	30.2	25.4	18.8	24.8	22.8	22.4	21.7
Ennore	...	...	-	-	11.2	17.5	-	-	-	-	11.2	17.5
Chennai	...	0.0	38.3	32.3	38.5	38.3	20.2	25.9	25.1	25.9	24.7	25.3
Tuticorin	0.0	4.3	1.9	40.0	3.9	27.4	1.8	33.4	1.4	20.8	1.8	25.7
Gadchiroli	10.0	10.0	40.0	40.0	30.0	30.0	38.0	13.0	28.0	28.0	22.0	24.5
New Mangalore	18.8	16.8	21.6	18.2	19.1	12.5	18.8	16.0	10.1	15.9	16.3	16.2
Marmugao	5.7	6.2	21.8	11.9	14.1	13.9	17.2	13.1	28.2	31.7	17.0	13.2
J. N. Port	9.5	8.8	32.7	32.7	-	-	5.3	5.4	18.1	13.4	8.0	9.1
Mumbai	20.9	16.4	22.2	22.1	-	-	3.8	3.8	24.3	25.2	17.8	17.6
Karachi	13.1	45.2	42.8	42.0	-	-	14.1	16.5	23.7	25.7	17.4	20.2
All Ports	18.3	16.0	22.2	30.6	24.9	32.2	19.3	19.9	24.5	26.3	22.3	22.9

At Ennore's Break Bulk, 400, 500, 600, 700, 800, 900, 1000, 1100, 1200, 1300, 1400, 1500, 1600, 1700, 1800, 1900, 2000, 2100, 2200, 2300, 2400, 2500, 2600, 2700, 2800, 2900, 3000, 3100, 3200, 3300, 3400, 3500, 3600, 3700, 3800, 3900, 4000, 4100, 4200, 4300, 4400, 4500, 4600, 4700, 4800, 4900, 5000, 5100, 5200, 5300, 5400, 5500, 5600, 5700, 5800, 5900, 6000, 6100, 6200, 6300, 6400, 6500, 6600, 6700, 6800, 6900, 7000, 7100, 7200, 7300, 7400, 7500, 7600, 7700, 7800, 7900, 8000, 8100, 8200, 8300, 8400, 8500, 8600, 8700, 8800, 8900, 9000, 9100, 9200, 9300, 9400, 9500, 9600, 9700, 9800, 9900, 10000, 10100, 10200, 10300, 10400, 10500, 10600, 10700, 10800, 10900, 11000, 11100, 11200, 11300, 11400, 11500, 11600, 11700, 11800, 11900, 12000, 12100, 12200, 12300, 12400, 12500, 12600, 12700, 12800, 12900, 13000, 13100, 13200, 13300, 13400, 13500, 13600, 13700, 13800, 13900, 14000, 14100, 14200, 14300, 14400, 14500, 14600, 14700, 14800, 14900, 15000, 15100, 15200, 15300, 15400, 15500, 15600, 15700, 15800, 15900, 16000, 16100, 16200, 16300, 16400, 16500, 16600, 16700, 16800, 16900, 17000, 17100, 17200, 17300, 17400, 17500, 17600, 17700, 17800, 17900, 18000, 18100, 18200, 18300, 18400, 18500, 18600, 18700, 18800, 18900, 19000, 19100, 19200, 19300, 19400, 19500, 19600, 19700, 19800, 19900, 20000, 20100, 20200, 20300, 20400, 20500, 20600, 20700, 20800, 20900, 21000, 21100, 21200, 21300, 21400, 21500, 21600, 21700, 21800, 21900, 22000, 22100, 22200, 22300, 22400, 22500, 22600, 22700, 22800, 22900, 23000, 23100, 23200, 23300, 23400, 23500, 23600, 23700, 23800, 23900, 24000, 24100, 24200, 24300, 24400, 24500, 24600, 24700, 24800, 24900, 25000, 25100, 25200, 25300, 25400, 25500, 25600, 25700, 25800, 25900, 26000, 26100, 26200, 26300, 26400, 26500, 26600, 26700, 26800, 26900, 27000, 27100, 27200, 27300, 27400, 27500, 27600, 27700, 27800, 27900, 28000, 28100, 28200, 28300, 28400, 28500, 28600, 28700, 28800, 28900, 29000, 29100, 29200, 29300, 29400, 29500, 29600, 29700, 29800, 29900, 30000, 30100, 30200, 30300, 30400, 30500, 30600, 30700, 30800, 30900, 31000, 31100, 31200, 31300, 31400, 31500, 31600, 31700, 31800, 31900, 32000, 32100, 32200, 32300, 32400, 32500, 32600, 32700, 32800, 32900, 33000, 33100, 33200, 33300, 33400, 33500, 33600, 33700, 33800, 33900, 34000, 34100, 34200, 34300, 34400, 34500, 34600, 34700, 34800, 34900, 35000, 35100, 35200, 35300, 35400, 35500, 35600, 35700, 35800, 35900, 36000, 36100, 36200, 36300, 36400, 36500, 36600, 36700, 36800, 36900, 37000, 37100, 37200, 37300, 37400, 37500, 37600, 37700, 37800, 37900, 38000, 38100, 38200, 38300, 38400, 38500, 38600, 38700, 38800, 38900, 39000, 39100, 39200, 39300, 39400, 39500, 39600, 39700, 39800, 39900, 40000, 40100, 40200, 40300, 40400, 40500, 40600, 40700, 40800, 40900, 41000, 41100, 41200, 41300, 41400, 41500, 41600, 41700, 41800, 41900, 42000, 42100, 42200, 42300, 42400, 42500, 42600, 42700, 42800, 42900, 43000, 43100, 43200, 43300, 43400, 43500, 43600, 43700, 43800, 43900, 44000, 44100, 44200, 44300, 44400, 44500, 44600, 44700, 44800, 44900, 45000, 45100, 45200, 45300, 45400, 45500, 45600, 45700, 45800, 45900, 46000, 46100, 46200, 46300, 46400, 46500, 46600, 46700, 46800, 46900, 47000, 47100, 47200, 47300, 47400, 47500, 47600, 47700, 47800, 47900, 48000, 48100, 48200, 48300, 48400, 48500, 48600, 48700, 48800, 48900, 49000, 49100, 49200, 49300, 49400, 49500, 49600, 49700, 49800, 49900, 50000, 50100, 50200, 50300, 50400, 50500, 50600, 50700, 50800, 50900, 51000, 51100, 51200, 51300, 51400, 51500, 51600, 51700, 51800, 51900, 52000, 52100, 52200, 52300, 52400, 52500, 52600, 52700, 52800, 52900, 53000, 53100, 53200, 53300, 53400, 53500, 53600, 53700, 53800, 53900, 54000, 54100, 54200, 54300, 54400, 54500, 54600, 54700, 54800, 54900, 55000, 55100, 55200, 55300, 55400, 55500, 55600, 55700, 55800, 55900, 56000, 56100, 56200, 56300, 56400, 56500, 56600, 56700, 56800, 56900, 57000, 57100, 57200, 57300, 57400, 57500, 57600, 57700, 57800, 57900, 58000, 58100, 58200, 58300, 58400, 58500, 58600, 58700, 58800, 58900, 59000, 59100, 59200, 59300, 59400, 59500, 59600, 59700, 59800, 59900, 60000, 60100, 60200, 60300, 60400, 60500, 60600, 60700, 60800, 60900, 61000, 61100, 61200, 61300, 61400, 61500, 61600, 61700, 61800, 61900, 62000, 62100, 62200, 62300, 62400, 62500, 62600, 62700, 62800, 62900, 63000, 63100, 63200, 63300, 63400, 63500, 63600, 63700, 63800, 63900, 64000, 64100, 64200, 64300, 64400, 64500, 64600, 64700, 64800, 64900, 65000, 65100, 65200, 65300, 65400, 65500, 65600, 65700, 65800, 65900, 66000, 66100, 66200, 66300, 66400, 66500, 66600, 66700, 66800, 66900, 67000, 67100, 67200, 67300, 67400, 67500, 67600, 67700, 67800, 67900, 68000, 68100, 68200, 68300, 68400, 68500, 68600, 68700, 68800, 68900, 69000, 69100, 69200, 69300, 69400, 69500, 69600, 69700, 69800, 69900, 70000, 70100, 70200, 70300, 70400, 70500, 70600, 70700, 70800, 70900, 71000, 71100, 71200, 71300, 71400, 71500, 71600, 71700, 71800, 71900, 72000, 72100, 72200, 72300, 72400, 72500, 72600, 72700, 72800, 72900, 73000, 73100, 73200, 73300, 73400, 73500, 73600, 73700, 73800, 73900, 74000, 74100, 74200, 74300, 74400, 74500, 74600, 74700, 74800, 74900, 75000, 75100, 75200, 75300, 75400, 75500, 75600, 75700, 75800, 75900, 76000, 76100, 76200, 76300, 76400, 76500, 76600, 76700, 76800, 76900, 77000, 77100, 77200, 77300, 77400, 77500, 77600, 77700, 77800, 77900, 78000, 78100, 78200, 78300, 78400, 78500, 78600, 78700, 78800, 78900, 79000, 79100, 79200, 79300, 79400, 79500, 79600, 79700, 79800, 79900, 80000, 80100, 80200, 80300, 80400, 80500, 80600, 80700, 80800, 80900, 81000, 81100, 81200, 81300, 81400, 81500, 81600, 81700, 81800, 81900, 82000, 82100, 82200, 82300, 82400, 82500, 82600, 82700, 82800, 82900, 83000, 83100, 83200, 83300, 83400, 83500, 83600, 83700, 83800, 83900, 84000, 84100, 84200, 84300, 84400, 84500, 84600, 84700, 84800, 84900, 85000, 85100, 85200, 85300, 85400, 85500, 85600, 85700, 85800, 85900, 86000, 86100, 86200, 86300, 86400, 86500, 86600, 86700, 86800, 86900, 87000, 87100, 87200, 87300, 87400, 87500, 87600, 87700, 87800, 87900, 88000, 88100, 88200, 88300, 88400, 88500, 88600, 88700, 88800, 88900, 89000, 89100, 89200, 89300, 89400, 89500, 89600, 89700, 89800, 89900, 90000, 90100, 90200, 90300, 90400, 90500, 90600, 90700, 90800, 90900, 91000, 91100, 91200, 91300, 91400, 91500, 91600, 91700, 91800, 91900, 92000, 92100, 92200, 92300, 92400, 92500, 92600, 92700, 92800, 92900, 93000, 93100, 93200, 93300, 93400, 93500, 93600, 93700, 93800, 93900, 94000, 94100, 94200, 94300, 94400, 94500, 94600, 94700, 94800, 94900, 95000, 95100, 95200, 95300, 95400, 95500, 95600, 95700, 95800, 95900, 96000, 96100, 96200, 96300, 96400, 96500, 96600, 96700, 96800, 96900, 97000, 97100, 97200, 97300, 97400, 97500, 97600, 97700, 97800, 97900, 98000, 98100, 98200, 98300, 98400, 98500, 98600, 98700, 98800, 98900, 99000, 99100, 99200, 99300, 99400, 99500, 99600, 99700, 99800, 99900, 100000, 100100, 100200, 100300, 100400, 100500, 100600, 100700, 100800, 100900, 101000, 101100, 101200, 101300, 101400, 101500, 101600, 101700, 101800, 101900, 102000, 102100, 102200, 102300, 102400, 102500, 102600, 102700, 102800, 102900, 103000, 103100, 103200, 103300, 103400, 103500, 103600, 103700, 103800, 103900, 104000, 104100, 104200, 104300, 104400, 104500, 104600, 104700, 104800, 104900, 105000, 105100, 105200, 105300, 105400, 105500, 105600, 105700, 105800, 105900, 106000, 106100, 106200, 106300, 106400, 106500, 106600, 106700, 106800, 106900, 107000, 107100, 107200, 107300, 107400, 107500, 107600, 107700, 107800, 107900, 108000, 108100, 108200, 108300, 108400, 108500, 108600, 108700, 108800, 108900, 109000, 109100, 109200, 109300, 109400, 109500, 109600, 109700, 109800, 109900, 110000, 110100, 110200, 110300, 110400, 110500, 110600, 110700, 110800, 110900, 111000, 111100, 111200, 111300, 111400, 111500, 111600, 111700, 111800, 111900, 112000, 112100, 112200, 112300, 112400, 112500, 112600, 112700, 112800, 112900, 113000, 113100, 113200, 113300, 113400, 113500, 113600, 113700, 113800, 113900, 114000, 114100, 114200, 114300, 114400, 114500, 114600, 114700, 114800, 114900, 115000, 115100, 115200, 115300, 115400, 115500, 115600, 115700, 115800, 115900, 116000, 116100, 116200, 116300, 116400, 116500, 116600, 116700, 116800, 116900, 117000, 117100, 117200, 117300, 117400, 117500, 117600, 117700, 117800, 117900, 118000, 118100, 118200, 118300, 118400, 118500, 118600, 118700, 118800, 118900, 119000, 119100, 119200, 119300, 119400, 119500, 119600, 119700, 119800, 119900, 120000, 120100, 120200, 120300, 120400, 120500, 120600, 120700, 120800, 120900, 121000, 121100, 121200, 121300, 121400, 121500, 121600, 121700, 121800, 121900, 122000, 122100, 122200, 122300, 122400, 122500, 122600, 122700, 122800, 122900, 123000, 123100, 123200, 123300, 123400, 123500, 123600, 123700, 123800, 123900, 124000, 124100, 124200, 124300, 124400, 124500, 124600, 124700, 124800, 124900, 125000, 125100, 125200, 125300, 125400, 125500, 125600, 125700, 125800, 125900, 126000, 126100, 126200, 126300, 126400, 126500, 126600, 126700, 126800, 126900, 127000, 127100, 127200, 127300, 127400, 127500, 127600, 127700, 127800, 127900, 128000, 128100, 128200, 128300, 128400, 128500, 128600, 128700, 128800, 128900, 129000, 129100, 129200, 129300, 129400, 129500, 129600, 129700, 129800, 129900, 130000, 130100, 130200, 130300, 130400, 130500, 130600, 130700, 130800, 130900, 131000, 131100, 131200, 131300, 131400, 131500, 131600, 131700, 131800, 131900, 132000, 132100, 132200, 132300, 132400, 132500, 132600, 132700, 132800, 132900, 133000, 133100, 133200, 133300, 133400, 133500, 133600, 133700, 133800, 133900, 134000, 134100, 134200, 134300, 134400, 134500, 134600, 134700, 134800, 134900, 135000, 135100, 135200, 135300, 135400, 135500, 135600, 135700, 135800, 135900, 136000, 136100, 136200, 136300, 136400, 136500, 136600, 136700, 136800, 136900, 137000, 137100, 137200, 137300, 137400, 137500, 137600, 137700, 137800, 137900, 138000, 138100, 138200, 138300, 138400, 138500, 138600, 138700, 138800, 138900, 139000, 139100, 139200, 139300, 139400, 139500, 139600, 139700, 139800, 139900, 140000, 140100, 140200, 140300, 140400, 140500, 140600, 140700, 140800, 140900, 141000, 141100,

Table 2.1.21

Average Output Per Ship Berthing - By Type of Vessel - 2007-08 to 2008-09

(Tonnage)

Port	Container		Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
1	2007-08	2008-08	2007-08	2008-08	2007-08	2008-08	2007-08	2008-08	2007-08	2008-08	2007-08	2008-08
1	2	3	4	5	6	7	8	9	10	11	12	13
Kolkata Dock System	4046	4620	849	715	-	-	1440	1078	11255	8883	3499	3027
Haldia Dock Complex	4025	3623	2071	1221	9136	9794	5796	5408	17664	14387	8363	7732
Paradip	2671	3046	1100	1234	22388	29176	8366	9557	11717	-	11181	12835
Vishakhapatnam	10081	10402	1558	1437	25706	29137	7837	8241	20432	21072	10619	1171
Ennore	-	-	-	-	36360	28424	-	-	-	-	38200	28424
Chennai	12388	22700	1552	1516	34258	31163	8109	8088	15906	15634	10032	10778
Tuticorin	17547	18887	1508	1448	12209	11187	5425	5780	3808	2412	5474	5817
Cochin	8862	8330	478	543	2838	2811	4339	3590	15657	23251	10001	13586
New Mangalore	2839	3930	1195	1055	17562	14008	7674	12278	22309	21577	12034	13046
Mormugao	2804	2875	2232	1867	29950	24752	6083	5731	7820	7709	10332	8236
V.L.Nagpur	21841	24323	500	1029	-	-	2827	4412	7142	10544	16439	20044
Mumbai	3051	3255	786	1801	-	-	220	4857	14461	12813	4519	5777
Kandla	8153	9970	3286	3224	-	-	7168	7853	21451	20046	11216	13107
All Ports	13778	15223	1488	1647	20067	18104	8308	8918	17034	17410	8440	8659

Source: Major Ports

Table 2.0.25

Commodity-wise Average Tonnage of Tires 2007-08 to 2010-11

Port	Year	Kolkata Dock System\$	Haldia Dock Complex	Paradeep	Visakhapatnam	Ennore	Chennai	Tuticorin	Cochin	New Mangalore	Morva	JALMora	Number	On Drydocks
Commodity	2	3	4	5	6	7	8	9	10	11	12	13	14	15
HL (C/L)	2007-08	7.8	1.25	-	2.34	-	3.85	-	1.00	2.23	-	-	3.14	1.82
FOU Prod.	2007-08	10.00	1.30	3.09	2.25	-	4.35	-	1.70	2.40	-	3.27	4.32	3.25
LAC	2007-08	3.95	2.44	1.58	2.76	-	3.03	1.52	4.11	4.15	1.24	2.51	4.12	3.00
	2008-09	2.61	2.02	1.60	2.00	-	3.12	1.40	2.22	2.82	1.03	-	4.06	3.41
	2009-10	-	1.9	-	2.35	-	-	1.73	-	1.21	-	-	-	4.21
	2010-11	7.30	2.30	-	3.20	-	-	4.05	-	3.43	-	-	-	4.21
Iron Ore	2007-08	5.30	6.53	0.52	3.05	-	5.51	-	-	2.03	7.01	-	5.13	3.30
	2008-09	6.48	0.65	5.70	3.02	-	6.02	-	-	3.82	7.71	-	-	3.24
	2009-10	-	4.04	2.40	5.45	-	7.51	-	-	4.30	8.78	-	6.43	2.04
	2010-11	-	4.36	0.81	6.10	-	9.40	-	-	4.51	5.34	-	5.23	5.06
Thermal Coal	2007-08	-	2.80	1.07	3.07	2.03	0.11	3.81	4.87	-	-	-	5.00	4.38
	2008-09	-	2.72	1.07	3.71	2.85	4.03	4.75	7.07	-	4.28	-	6.01	4.72
	2009-10	-	0.71	12.45	0.58	-	15.40	2.53	0.82	0.71	7.76	-	10.42	4.85
	2010-11	-	7.00	3.05	8.37	-	73.49	7.00	5.53	7.26	5.54	-	10.51	5.00
Fertilizers	2007-08	0.50	3.34	0.20	5.21	-	2.50	4.31	5.11	5.13	-	-	5.50	6.36
	2008-09	2.25	10.40	4.34	5.55	-	0.31	4.50	7.22	2.17	-	-	10.00	4.57
	2009-10	10.12	1.74	3.41	5.20	-	6.79	2.29	4.00	4.04	7.00	-	12.20	4.74
	2010-11	0.42	0.82	0.62	5.27	-	7.57	0.87	4.00	4.00	5.17	5.28	13.76	0.60
Other Dry Bulk	2007-08	3.97	2.30	2.70	2.15	-	3.55	4.12	1.11	1.51	4.72	1.81	5.07	8.79
	2008-09	4.10	1.24	2.33	2.24	-	3.14	4.83	0.73	1.65	1.50	2.48	2.72	3.35
	2009-10	5.25	6.85	1.21	5.10	-	5.14	5.03	4.10	5.70	3.31	1.54	4.37	4.72
	2010-11	0.44	7.12	0.81	3.35	-	4.50	4.70	4.30	5.50	3.50	2.30	5.20	0.60
General Cargo	2007-08	1.53	3.34	2.01	0.74	-	2.40	1.23	1.14	1.55	1.67	1.04	2.84	1.70
	2008-09	3.36	2.43	1.50	0.73	-	2.02	1.20	1.37	1.61	1.82	1.62	2.90	1.75
	2009-10	5.43	4.23	3.54	3.01	2.00	1.50	3.25	1.94	3.21	0.24	1.00	4.37	5.11
	2010-11	5.10	4.21	4.75	2.50	2.25	4.15	0.94	2.14	3.00	5.25	1.30	4.55	7.26
Total														
Source: Major Ports														

Table 2.1.24

Dumungu-Wisla Average Non-Working Time at Bawid - 2003-08 at 2nd B-D

Prod → Commodity	Year	Rotated Deck System	Holds Deck Gangway	Panelly	Weight system	Emission	Chemical	Tide corin	GasMn	New Mangrove	Mamm- Pen	JL-Haru	Mumber	Kandla	(in Days)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
FOD (Wetted)	2003-06	4.87	0.32	-	0.40	...	0.40	-	0.47	0.37	-	-	0.42	0.20	
	2003-07	7.73	0.82	...	0.37	...	0.39	-	0.42	0.33	-	0.25	0.43	0.37	
	2003-08	0.73	0.47	-	0.40	-	0.25	0.37	0.51	0.37	0.82	0.34	0.67	0.40	
	2003-09	1.02	0.71	...	0.36	-	0.35	0.43	0.30	0.31	0.70	-	0.44	0.77	
LFO	2003-06	-	0.45	-	0.20	-	-	0.36	-	0.27	-	-	-	0.32	
	2003-07	4.20	0.41	-	0.25	-	-	0.36	-	0.22	-	-	-	0.32	
	2003-08	1.25	1.32	0.77	0.62	...	0.62	-	-	0.27	0.51	-	-	0.37	
	2003-09	1.83	0.70	0.78	0.81	...	0.64	-	-	0.53	0.81	-	-	0.77	
Coking Coal	2003-06	-	0.72	0.81	0.87	-	1.40	-	-	0.01	0.71	-	-	0.38	
	2003-07	-	0.84	0.54	0.70	-	1.10	-	-	0.71	0.42	-	-	0.37	
	2003-08	-	0.73	0.73	0.54	2.19	0.28	0.36	1.40	-	0.27	-	-	0.27	
	2003-09	-	0.62	0.72	0.43	0.37	1.03	0.73	1.18	-	0.33	-	-	0.40	
Fuel Oil's	2003-06	-	0.92	0.74	1.00	-	1.71	1.24	2.50	1.31	0.86	-	0.38	0.47	
	2003-07	-	0.04	1.81	0.40	-	0.35	1.83	0.57	1.20	0.33	-	-	0.46	
	2003-08	1.90	1.17	...	0.57	-	0.75	0.07	0.28	1.25	-	-	1.03	0.32	
	2003-09	1.10	0.94	...	1.20	-	0.46	3	1.33	0.35	-	-	0.35	0.67	
Other Dry Bulk	2003-06	4.50	0.82	0.90	0.72	-	0.02	0.26	1.24	0.64	0.70	0.41	0.84	0.42	
	2003-07	1.77	1.04	0.85	0.63	-	1.30	1.12	0.92	0.45	0.57	0.47	0.07	0.48	
	2003-08	0.73	0.48	...	0.34	-	0.45	0.17	0.25	0.24	0.27	0.17	0.87	0.43	
	2003-09	0.70	0.53	...	0.31	-	0.45	0.81	0.14	0.18	0.22	0.22	0.36	0.45	
General Cargo	2003-06	1.47	0.73	0.58	0.72	-	1.38	1.18	1.52	1.22	1.06	0.37	0.65	0.73	
	2003-07	0.83	0.83	1.38	0.72	-	1.73	1.10	1.72	0.52	0.88	0.28	0.30	0.32	
	2003-08	0.72	0.44	0.36	0.16	-	-	0.00	0.10	0.34	0.03	0.06	0.27	0.22	
	2003-09	0.63	0.82	0.38	0.14	-	-	0.03	0.17	0.25	0.10	0.05	0.32	0.42	
Coalition	2003-06	1.02	0.67	0.84	0.38	0.19	0.62	0.75	0.48	0.16	0.77	0.38	0.53	0.23	
	2003-07	1.08	0.80	0.85	0.50	0.34	0.82	0.73	0.48	0.23	0.55	0.78	0.57	0.24	
	2003-08	-	-	-	-	-	-	-	-	-	-	-	-	-	
	2003-09	-	-	-	-	-	-	-	-	-	-	-	-	-	
Source: High Ports															

Table 2.1.26

Commodity-wise Input-output per Ship BERTH DAY - 2007-08 to 2010-08

Port Commodity	Year	Refined Each 845200	Huddle Each Complex	Pur- dls	Molash apartment	Enam	Chro- du	T- code	Crackn	New Mangalore	Mang- gas	J.L.Hatru	Mumal	Hatch	In Tonne
		3	4	5	6	7	8	9	10	11	12	13	14	15	
FOURTH	2007-08	3336	8015	-	6883	-	4597	-	1213	1700	-	-	4880	8675	In Tonne
	2008-08	3326	5015	6786	5314	-	5225	-	5741	5440	-	1780	4837	8883	
PCU (Rough)	2007-08	373	1932	1962	1189	-	365	236	404	1230	-013	2506	1645	1870	In Tonne
	2008-08	335	1191	1377	1180	-	645	2650	837	572	380	-	322	1898	
Oil	2007-08	-	764	-	5348	-	-	4237	-	4237	-	-	-	7189	In Tonne
	2008-08	534	803	-	5456	-	-	2841	-	5456	-	-	-	1548	
Oil Oil	2007-08	180	1007	1271	2130100	-	3428	-	-	1128	1534	-	7740	14714	In Tonne
	2008-08	180	7010	1271	20472	-	3115	-	-	14136	1232	-	8009	1322	
Coking Coal	2007-08	-	236	507	1182	-	718	-	-	1036	712	-	886	1362	In Tonne
	2008-08	-	775	801	1193	-	759	-	-	1596	690	-	535	2872	
Thermal Coal	2007-08	-	1322	3237	1102	3132	863	12136	312	-	1042	-	542	11318	In Tonne
	2008-08	-	1282	3218	1048	3434	1032	1279	722	-	1148	-	335	16000	
Fuel Bunk	2007-08	-	388	249	481	-	3104	3741	2276	367	121	-	209	370	In Tonne
	2008-08	-	330	125	530	-	286	472	384	392	942	-	249	3742	
FSM (Dry)	2007-08	134	3113	1757	4733	-	5472	8884	3781	884	-	-	1800	4154	In Tonne
	2008-08	109	2681	1472	220	-	3077	8888	3880	889	-	-	178	872	
Other Dry Bulk	2007-08	802	484	605	8475	-	1783	9420	3313	1884	6272	380030	264	377	In Tonne
	2008-08	1189	4307	781	8472	-	8728	9607	2830	1894	8279	4412	2889	3833	
Other Liquid Bulk	2007-08	2738	4882	9864	1832	-	4128	3123	4147	9867	183	3428	217	6990	In Tonne
	2008-08	2485	3519	8729	8332	-	9374	2717	775	550	782	4874	3372	4885	
General Cargo	2007-08	579	2445	1120	1801	-	1352	4234	475	112	2326	37	277	3288	In Tonne
	2008-08	579	221	123	1430	-	1427	144	0	122	1257	1025	127	3234	
Containers	2007-08	4244	7025	2594	15084	-	18388	17633	880	2825	2384	3374404	907	3453	In Tonne
	2008-08	4234	8421	2545	17416	-	20806	16337	8880	3306	2777	24026	3494	3375	
Total	2007-08	3197	8063	1191	1213	7180	10882	5474	10401	13884	10132	18488	4618	11215	In Tonne
	2008-08	3483	7732	12835	1172	24492	12908	5574	15888	18845	11346	30578	6126	1477	

(9) Includes NSICT also

(10) Includes NSICT & GTIPL also

Source: Major Ports

Table 2.1.25

**Average Pre-arriving Delays on Port & Non Port
Account - Major Port-wise - 2006-07 & 2007-08**

(In Days)

Port	2007-08			2006-07		
	Total	Port A/c	Non-Port A/c	Total	Port A/c	Non-Port A/c
1	5	6	7	8	9	7
Folkela Dock System	0.55	0.01	0.54	0.66	0.06	0.60
Halda Dock Complex	2.66	1.39	1.47	3.26	1.67	2.20
Paradip	2.87	0.08	2.81	2.72	0.06	2.76
Wershepoham	1.10	0.21	0.89	1.24	0.10	1.10
Ennore	0.60	0.00	0.60	0.27	0.04	0.22
Chennai	1.65	0.04	1.52	1.38	0.04	1.34
Tuticorin	1.24	0.13	1.00	1.00	0.14	0.86
Dudum	0.65	0.05	0.55	0.70	0.06	0.64
New Mangalore	0.68	0.08	0.56	0.65	0.04	0.61
Marmagao	2.21	0.48	1.74	1.77	0.26	1.51
JLN Shree	0.63	0.42	0.45	0.95	0.40	0.56
Mumbai	0.81	0.12	0.63	1.17	0.33	1.06
Kandla	2.54	0.37	1.27	2.62	1.10	1.44
All Ports	1.55	0.46	1.09	1.63	0.39	1.24

Source: Major Ports

Table 2.1.27

Reason-wise, Major Port-wise Average Pre-berthing Delay - 2008-09

Sl No	Category Of Ships	No. Of Ships	Reason-wise average pre-berthing delay (in hrs)									Total
			Non-avail. of Berth	Non-avail. of Tug/Crank	Non-avail. Of Pilot	Navigation Restriction	Limit Restrictions	Shippers/ Agents Option	Lack of cargo	Others		
1	2	3	4	5	6	7	8	9	10	11	12	
Kolkata Dock System												
1	Container	220	-	-	0.08	0.07	-	1.32	-	8.13	9.0	
2	Break Bulk	254	-	-	0.07	-	-	1.30	-	8.73	12.80	
3	Dry Bulk (C)	42	-	-	1.83	-	-	2.50	-	9.16	13.62	
4	Liquid Bulk	240	-	-	0.80	0.25	-	4.42	-	19.68	25.25	
	Total	1057	-	-	1.15	0.04	-	2.02	-	10.92	14.20	
Haldia Dock Complex												
1	Container	512	11.45	0.05	-	-	-	1.25	-	3.51	21.57	
2	Break Bulk	82	23.60	-	3.75	-	-	106.00	-	12.57	154.52	
3	Dry Bulk (C)	313	32.00	0.21	0.14	-	-	24.81	-	25.18	109.40	
	Dry Bulk (O)	215	47.84	0.37	1.08	-	-	34.14	-	40.28	150.00	
4	Liquid Bulk	1045	72.11	0.12	0.47	-	-	28.83	-	13.17	97.39	
	Total	2388	23.00	0.17	0.42	-	-	32.91	-	24.57	81.10	
Paradip												
1	Container	9	-	-	-	-	-	8.32	-	2.85	10.20	
2	Break Bulk	38	-	-	-	-	-	101.81	-	1.70	103.61	
3	Dry Bulk (C)	401	-	-	-	-	-	41.88	-	1.00	42.88	
	Dry Bulk (O)	729	-	-	0.00	-	-	71.32	-	1.65	72.90	
4	Liquid Bulk	239	-	-	-	-	-	77.46	-	0.82	78.27	
	Total	1538	-	-	0.00	-	-	59.32	-	2.37	61.69	

(M) Mechanical (C) Conventional.

Table 2.1.27 (Contd...)

Reason-wise, Major Port-wise Average Pre-barring Detention - 2008-09

Sl. No.	Category of Ships	No. of Ships	Reason-wise average pre-barring delay (In hrs.)									
			Non-avail. of Berth	Non-avail. of Tug/Chute	Multi-arrival of Port	Navigation Restriction	Draft Exceeds Depth	Shipyard Agents Option	Lack of Cargo	Crew	Total	
1	2	3	4	5	6	7	8	9	10	11	12	
Vizakhapatnam												
1.	Container	251	0.18	-	-	-	-	1.98	-	1.88	3.45	
2.	Break Bulk	271	2.51	-	-	-	-	28.92	-	12.95	32.78	
3.	Dry Bulk(M)	272	4.42	-	-	-	-	15.45	-	15.05	37.59	
	Dry Bulk(G)	590	3.10	0.03	-	3.03	-	23.85	-	13.23	37.48	
4.	Liquid Bulk	683	1.24	0.05	-	0.18	-	4.21	0.12	25.18	25.84	
	Total	2547	2.38	0.39	-	0.06	-	12.72	0.03	14.5	30.79	
Ennore												
1.	Dry Bulk(M)	734	1.03	-	-	-	-	5.30	-	-	6.36	
3.	Dry Bulk(G)	51	-	-	-	-	-	-	-	-	0.30	
4.	Liquid Bulk	56	-	-	-	-	-	-	-	-	0.01	
	Total	280	1.03	-	-	-	-	5.30	-	-	6.36	
Chennai												
1.	Container	710	-	-	-	0.71	-	17.85	-	-	18.56	
2.	Break Bulk	438	-	-	-	0.01	-	31.95	-	-	32.73	
3.	Dry Bulk(M)	100	-	-	-	1.91	-	73.05	-	-	79.05	
	Dry Bulk(G)	741	-	-	-	1.44	-	80.55	-	-	86.35	
4.	Liquid Bulk	441	-	-	-	0.1	-	34.77	-	-	35.73	
	Total	2078	-	-	-	0.30	-	32.43	-	-	33.33	

(M) Mechanised (G) Conventional (L) Data pertaining to dry Bulk (mechanical) ships only

Table 2.1.27 (Contd...) Round-wise, Major Port-wise Average Pre-berthing Delay - 2008-09

Sl No.	Category Of Ships	No. Of Ships	Round-wise average pre-berthing delay (in hrs.)									Total
			Non-avail. of Berth	Non-avail. of Tug/Craft	Non-avail. Of Pilot	Navigation Restriction	Crane Realign-ment	Shipper's Agents Option	Lack Of Cargo	Others		
1	2	3	4	5	6	7	8	9	10	11	12	
Tuticorin												
1.	Container	431	-	-	-	-	-	13.98	-	3.92	10.27	
2.	Break Bulk	480	2.06	-	-	-	-	26.03	-	3.89	30.00	
3.	Dry Bulk(M)	140	1.11	-	-	-	-	16.88	-	7.73	25.73	
	Dry Bulk(C)	252	10.06	-	-	-	-	13.21	-	18.19	38.45	
4.	Liquid Bulk	172	3.27	-	-	-	-	21.07	-	3.44	24.72	
	Total	1324	3.37	-	-	-	-	13.33	-	4.98	25.71	
Cochin												
1.	Container	325	0.62	-	-	-	-	1.24	-	16.59	20.75	
2.	Break Bulk	61	1.09	-	-	-	-	2.86	-	3.10	7.05	
3.	Dry Bulk(M)	14	-	-	-	-	-	-	-	18.57	18.57	
	Dry Bulk(C)	39	4.96	-	-	-	-	6.96	-	3.70	15.61	
4.	Liquid Bulk	308	1.42	-	-	-	-	2.24	3.47	5.48	12.61	
	Total	757	3.28	-	-	-	-	4.13	3.19	10.18	15.79	
New Mangalore												
1.	Container	104	-	-	-	-	-	0.26	-	1.32	1.91	
2.	Break Bulk	72	0.15	-	-	-	-	1.02	-	1.32	2.49	
3.	Dry Bulk(M)	42	1.02	-	-	-	-	1.10	-	4.92	6.05	
	Dry Bulk(C)	382	2.31	-	-	-	-	6.41	-	5.12	13.83	
4.	Liquid Bulk	339	0.41	-	-	-	-	13.82	-	3.08	16.34	
	Total	1134	0.93	-	-	-	-	10.59	-	4.12	15.63	
Mangalore												
1.	Container	38	0.55	-	-	-	-	3.91	-	3.01	7.47	
2.	Break Bulk	3	17.00	-	-	-	-	3.13	-	-	20.13	
3.	Dry Bulk(M)	200	11.06	-	-	-	-	19.12	-	57.80	87.98	
	Dry Bulk(C)	342	1.32	-	-	-	-	24.91	-	2.92	29.15	
4.	Liquid Bulk	170	7.44	-	-	-	-	0.03	2.44	0.73	10.64	
	Total	826	5.95	-	-	-	-	16.95	0.62	9.74	32.30	

(M) Mangalore, (C) Cochin

Table 2.1.27(Contd...) Reason-wise, Major Port-wise Average Pre-berthing Detention - 2008-09

Sl. No.	Category Of Ships	No. Of Ships	Reason-wise average pre-berthing delay (in hrs.)									
			Non-avail. of Berth	Non-avail. of Tugs/Cran.	Non-avail. of Pilot	Navigation Restriction	Unavail. Reefer/Ban	Shippers Billport Agency Delay	Loss Of Cargo	Others	Total	
1	2	3	4	5	6	7	8	9	10	11	12	
J.L.Nehru												
1.	Container	2478	-	-	-	0.19	0.01	0.44	0.03	-	13.52	19.04
2.	Break Bulk	18	-	-	-	0.97	-	0.41	-	-	25.58	47.16
3.	Dry Bulk(C)	50	-	-	-	0.68	-	0.30	0.04	-	47.40	53.00
4.	Unid Bulk	423	-	-	-	0.22	0.02	0.84	0.10	-	38.50	39.58
	Total	2981	-	-	-	0.19	0.01	0.37	0.04	-	32.21	22.72
Mumbai												
1.	Container	12	1.55	-	-	-	-	-	9.54	-	1.00	12.22
2.	Break Bulk	572	5.00	-	-	-	-	-	14.40	-	0.82	20.37
3.	Dry Bulk(C)	203	0.80	-	-	-	-	-	1.23	-	0.14	2.77
4.	Unid Bulk	174	2.20	-	-	-	-	-	28.75	-	0.58	31.53
	Total	1361	8.14	-	-	-	-	-	18.74	-	0.52	39.32
Kandla												
1.	Container	221	0.77	-	-	-	-	-	9.50	-	0.43	10.20
2.	Break Bulk	475	53.70	-	-	-	-	-	53.52	-	1.12	113.28
3.	Dry Bulk(C)	836	52.34	-	-	-	-	-	33.07	-	0.94	86.40
4.	Unid Bulk	1212	5.85	-	-	-	-	-	25.56	-	0.00	30.48
	Total	2617	28.23	-	-	-	-	-	31.36	-	0.53	62.21

Continued

Source: Major Ports

Table 2.1.30 Average Berth Occupancy for Major Ports - 1999-00 to 2008-09 (Percentage)

Port	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
1	2	3	4	5	6	7	8	9	10	11
KANAKA	62.2	70.8	72.3	70.5	69.0	69.1	73.5	71.0	71.0	66.0
MUMBAI	57.7	59.5	53.4	67.0	57.5	60.8	61.1	64.4	65.4	65.5
J. L. NEHRU	61.0	68.1	61.0	53.1	53.2	60.1	60.7	64.8	65.4	67.7
MORABAI	74.0	74.0	81.1	60.8	65.5	62.2	74.7	81.0	73.5	70.2
NEW MANGALORE	50.2	38.5	38.1	38.0	39.3	48.7	62.3	47.0	66.0	54.0
CUSTIN	60.0	63.0	61.4	58.7	63.0	71.9	65.7	67.0	66.0	68.5
TUTICORIN	72.0	66.2	68.8	61.8	64.8	59.7	58.5	67.6	72.8	70.2
CHENNAI	61.8	72.0	71.8	60.1	67.1	68.0	57.0	65.5	74.0	67.3
ENHORE	-	-	41.7	72.4	78.0	71.2	74.2	74.4	70.6	47.0
VERAKHAPAT- NAM	78.0	60.8	68.3	62.0	65.1	61.8	66.2	58.5	70.6	65.8
PARAKH	62.5	69.5	56.6	47.0	62.0	69.0	59.7	65.0	76.6	70.8
HALDIA DOCK COMPLEX	80.8	77.4	76.1	71.0	60.5	73.3	85.6	50.5	81.1	82.8
KOLKATA DOCK SYSTEM	48.8	41.1	38.0	44.8	41.5	42.3	41.8	49.5	68.2	67.3

Table 2.1.20

Performance of Cargo Handling Equipments of Major Ports - 2006-07, 2007-08 & 2008-09

Sl. No.	Name of the Port	Equipment	2006-07		2007-08		2008-09	
			% Availability	% Utilization	% Availability	% Utilization	% Availability	% Utilization
1	2	3	4	5	6	7	8	9
1	Kanika	Wharf Crane	71	57	83	66	81	59
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	87	90	85	57	95	52
2	Mumbai	Wharf Crane	91	13	91	12	91	11
		Mobile Crane	88	17	90	15	91	15
		Forklift Truck	99	18	97	23	95	22
3	Bombay	Wharf Crane	-	-	-	-	-	-
		Mobile Crane	-	-	76	2	78	-
		Forklift Truck	-	-	97	4	98	4
4	Mumbai	Wharf Crane	20	3	96	4	88	2
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	90	13	96	11	92	8
5	Cochin	Wharf Crane	84	6	98	4	89	3
		Mobile Crane	94	4	73	2	95	2
		Forklift Truck	84	28	82	22	80	18
6	Tuticorin	Wharf Crane	-	-	95	49	88	45
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	-	-	-	-	-	-
7	Chennai	Wharf Crane	-	-	90	13	100	16
		Mobile Crane	-	-	90	33	98	31
		Forklift Truck	-	-	48	18	85	16
8	Venkatapuram	Wharf Crane	-	-	97	48	99	15
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	-	-	-	-	-	-
9	Paradip	Wharf Crane	90	32	97	44	88	36
		Mobile Crane	57	1	50	2	80	1
		Forklift Truck	87	1	50	3	96	1
10	Kolkata Dock System	Wharf Crane	89	25	94	24	96	28
		Mobile Crane	85	33	95	27	96	28
		Forklift Truck	98	39	98	52	98	39
11	Hydra Dock Complex	Wharf Crane	-	-	-	-	-	-
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	83	1	85	1	84	37

Average Norms for :

1. Wharf Crane : Availability 85 % to 90 %
Utilisation 35 % and above
2. Mobile Crane : Availability 80 % to 85 %
Utilisation 30 % and above
3. Forklift Truck : Availability 75 % to 90 %
Utilisation 25 % and above

Source : Indian Ports Association.

Table 2.1.30(Contd...): Availability and Utilisation of General Handling Equipments - Major Ports - 2007-08 & 2008-09

PORT	Year	Tractor				Top Lift Trucks				
		No.	% availability	% Utilization of		No.	% Availability		Possible Hrs.	Hrs.
				Available Hrs.	Possible Hrs.		Availability	Utilization of		
1	2	11	12	13	14	15	16	17	18	19
Kolkata Dock System	2007-08	22	49.2	90.9	43.8	1	-	-	-	-
	2008-09	22	23.1	87.2	22.6	1	0.0	0.0	0.0	0.0
Haldia Dock Complex	2007-08	4	57.5	78.1	44.1	1	88.5	88.1	88.5	88.5
	2008-09	4	52.0	84.3	43.8	1	0.0	0.0	0.0	0.0
Paradip	2007-08	-	-	-	-	-	-	-	-	-
	2008-09	-	-	-	-	-	-	-	-	-
Vishakhapatnam	2007-08	-	-	-	-	-	-	-	-	-
	2008-09	-	-	-	-	-	-	-	-	-
Chennai	2007-08	-	-	-	-	-	-	-	-	-
	2008-09	-	-	-	-	-	-	-	-	-
Tutukorin	2007-08	12	90.0	86.0	84.0	-	-	-	-	-
	2008-09	12	90.0	87.8	83.0	-	-	-	-	-
Cochin	2007-08	...	...	...	...	...	...	...	...	...
	2008-09	20	87.8	90.5	86.2	-	-	-	-	-
New Mangalore	2007-08	-	-	-	-	-	-	-	-	-
	2008-09	-	-	-	-	-	-	-	-	-
Mormugao	2007-08	-	-	-	-	-	-	-	-	-
	2008-09	-	-	-	-	-	-	-	-	-
J.L. Nehru Port	2007-08	20	94.0	100.0	88.0	-	-	-	-	-
	2008-09	20	94.0	100.0	81.0	-	-	-	-	-
Mumbai	2007-08	-	-	-	-	-	-	-	-	-
	2008-09	-	-	-	-	-	-	-	-	-
Kandla	2007-08	12	85.8	26.1	26.1	-	-	-	-	-
	2008-09	12	88.5	18.3	17.6	-	-	-	-	-

(A) Excludes NSCT.

Table 2.1.32(Contd...): Availability And Utilization Of Container Handling Equipments - Major Ports - 2007-08 & 2008-09

PORT	Year	Rail Mounted G.Crane				Tall P&H Crane/Mobile Crane			
		No.	% Availa- bility		Possible Hrs.	No.	% Availa- bility	Available Hrs.	Possible Hrs.
			20	21					
1	2	19	20	21	22	23	24	25	26
Kolkata Dock System	2007-08	-	-	-	-	-	-	-	-
	2008-09	-	-	-	-	-	-	-	-
Haldia Dock Complex	2007-08	1	77.0	86.7	59.4	-	-	-	-
	2008-09	1	88.5	84.5	83.7	-	-	-	-
Paradip	2007-08	-	-	-	-	-	-	-	-
	2008-09	-	-	-	-	-	-	-	-
Vishakhapatnam	2007-08	-	-	-	-	-	-	-	-
	2008-09	-	-	-	-	-	-	-	-
Chennai	2007-08	-	-	-	-	-	-	-	-
	2008-09	-	-	-	-	-	-	-	-
Tuticorin	2007-08	-	-	-	-	-	-	-	-
	2008-09	-	-	-	-	-	-	-	-
Cochin	2007-08	-	-	-	-	-	-	-	-
	2008-09	-	-	-	-	-	-	-	-
New Mangalore	2007-08	-	-	-	-	2	92.8	59.8	53.2
	2008-09	-	-	-	-	2	88.7	2.7	2.8
Mormugao	2007-08	-	-	-	-	2	98.7	2.7	2.0
	2008-09	-	-	-	-	-	-	-	-
J.L.Nehruhal	2007-08	5	88.3	82.3	58.5	-	-	-	-
	2008-09	5	92.5	89.5	40.5	-	-	-	-
Mumbai	2007-08	-	-	-	-	-	-	-	-
	2008-09	-	-	-	-	-	-	-	-
Kandla	2007-08	-	-	-	-	2	97.8	15.4	12.7
	2008-09	-	-	-	-	2	94.8	4.1	2.5

Fig: 13 relates to JNPT.

Table 2.1.30: Contd. - Availability and Utilisation of Container Handling Equipments - Major Ports - 2007-08 to 2009-10

PORT	Year	FLT/FEL				Reach Truck/Steaker			
		No.	% availability	% Utilisation of		No.	% Availability	% Utilisation of	
				Available Hrs.	Possible Hrs.			Available Hrs.	Possible Hrs.
1	2	27	28	29	30	31	32	33	34
Kolkata Dock System	2007-08	2	64.5	8.8	7.4	4	40.2	50.3	34.0
	2008-09	2	6.0	0.0	0.0	4	67.2	50.6	34.2
	2007-08	-	81.2	1.1	0.6	-	-	-	-
Panaji	2008-09	1	79.4	27.1	26.9	-	-	-	-
	2007-08	-	-	-	-	-	-	-	-
	2008-09	-	-	-	-	-	-	-	-
Vishakhapatnam	2007-08	-	-	-	-	4	86.0	10.0	10.0
	2008-09	-	-	-	-	4	62.0	16.0	11.4
Chennai	2007-08	1	100.0	0.4	6.4	1	100.0	8.0	8.0
	2008-09	-	-	-	-	4	02	19.0	1.4
Tuticorin	2007-08	-	-	-	-	-	-	-	-
	2008-09	-	-	-	-	-	-	-	-
Cochin	2007-08	-	-	-	-	-	-	-	-
	2008-09	-	-	-	-	-	-	-	-
New Mangalore	2007-08	1	86.9	19.1	16.7	5	86.8	40.4	40.0
	2008-09	1	89.0	20.2	17.5	2	92.0	46.9	47.7
Marmugao	2007-08	-	-	-	-	2	94.9	50.7	48.2
	2008-09	-	-	-	-	-	-	-	-
JLN Nalanda(n)	2007-08	-	-	-	-	-	-	-	-
	2008-09	-	-	-	-	-	-	-	-
Mumbai	2007-08	-	-	-	-	4	45.1	6.9	2.7
	2008-09	-	-	-	-	4	95.9	1.0	1.0
Kandla	2007-08	-	-	-	-	4	99.8	40.5	49.3
	2008-09	-	-	-	-	4	80.7	21.6	37.3

301. Figures in JAFCT.
Source: Major Ports

Table 3.1.31 Container Handling Base - Major Ports-2007-08 to 2010-11

Port	Year	Quay Side Gantry Crane			Rail Mounted Gantry Crane			RTG		
		Usage of Idle Time	No. of container handled per		Usage of Idle Time	No. of container handled per		Usage 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	2007-08	-	-	-	-	-	-	25.4	3.5	5.0
Surat	2007-08	-	-	-	-	-	-	14.5	2.7	4.0
Haldia Dock	2007-08	-	-	-	9.9	1.9	2.1	-	-	-
Campbell	2008-09	-	-	-	5.0	1.0	1.1	-	-	-
Paradip	2007-08	-	-	-	-	-	-	-	-	-
	2008-09	-	-	-	-	-	-	-	-	-
Vishakhapatnam	2007-08	-	-	-	-	-	-	-	-	-
	2008-09	0.2	33.6	22.1	-	-	-	0.7	28.5	21.8
Chennai	2007-08	30.5	17.8	29.7	-	-	-	37.5	12.5	19.9
	2008-09	6.5	24.0	22.5	-	-	-	42.5	11.7	23.3
Tuticorin	2007-08	-	25.0	-	-	-	-	-	18.0	-
	2008-09	2.4	22.0	28.0	-	-	-	2.0	13.0	14.0
Cochin	2007-08	27.1	14.5	20.0	-	-	-	6.7	7.0	7.0
	2008-09	20.3	15.9	21.9	-	-	-	-	-	-
Kar Mangalore	2007-08	-	-	-	-	-	-	-	-	-
	2008-09	-	-	-	-	-	-	-	-	-
Mormugao	2007-08	-	-	-	-	-	-	-	-	-
	2008-09	-	-	-	-	-	-	-	-	-
J.E. Matheson	2007-08	20.5	15.7	21.5	21.5	7.0	9.0	34.2	6.7	4.7
	2008-09	27.1	14.8	20.4	17.2	10.1	11.1	32.5	7.2	7.0
Matheson	2007-08	27.2	4.9	6.6	-	-	-	-	-	-
	2008-09	20.5	5.4	0.2	-	-	-	-	-	-
Kanada	2007-08	12.5	3.8	11.0	-	-	-	51.2	6.2	13.9
	2008-09	10.2	1.5	21.9	-	-	-	27.5	1.4	6.4

Note: Usage of Container per worked hour = Total Container handled/Total No. of working hours worked

Number of container per worked hour = Total of all container handled/Total of all working hours worked

(1) Data as on 31.03.07.

Source: Major Ports

Table 2.1.32

Major Ports - Capacity and Utilization - 2008-09

Port	Capacity Utilization	(In Million Tonnes Per Annum)						
		POB (Crude & Products)	Iron Ore	Thermal Coal	Fertiliser & FRR	Other Cargo	Container	Total
1	2	3	4	5	6	7	8	9
AOB	Cap.	1.98	-	-	-	5.80	5.50	20.28
	Util.	42.22	-	-	-	51.02	85.64	61.85
HOC	Cap.	47.50	6.00	7.00	-	12.70	4.00	40.70
	Util.	86.60	140.50	27.14	-	50.74	55.26	50.49
PPT	Cap.	21.00	4.50	20.00	7.50	18.00	-	71.00
	Util.	13.43	317.11	78.00	47.00	58.00	-	66.37
VPT	Cap.	17.85	12.50	-	1.00	28.28	1.70	52.23
	Util.	11.36	140.15	-	414.00	21.88	80.00	102.70
BPL(a)	Cap.	3.00	-	10.00	-	-	-	16.00
	Util.	17.32	-	74.32	-	-	-	74.32
ChPT	Cap.	11.00	0.50	-	-	28.70	14.15	55.75
	Util.	114.27	81.62	-	-	100.77	107.47	103.12
TPT	Cap.	2.80	-	5.20	-	9.75	5.00	22.81
	Util.	21.74	-	90.00	-	107.72	108.60	80.46
CoPT	Cap.	13.70	-	-	0.60	4.70	4.01	28.37
	Util.	50.10	-	-	73.07	21.43	44.07	74.20
NMPT	Cap.	22.50	7.50	-	-	11.70	-	44.20
	Util.	80.95	130.27	-	-	38.03	-	69.01
MoPT	Cap.	1.50	24.20	-	-	1.75	-	35.25
	Util.	65.32	172.14	-	-	94.21	-	128.11
JNPT	Cap.	5.60	-	-	-	0.80	51.88	57.98
	Util.	57.70	-	-	-	270.00	87.55	25.45
MBPT	Cap.	17.00	-	-	-	15.50	1.50	40.00
	Util.	108.03	-	-	-	101.33	57.89	104.20
KPT	Cap.	56.04	-	-	-	14.80	7.20	78.04
	Util.	61.25	-	-	-	166.81	25.72	62.34
ALL PORTS	Cap.	216.45	82.34	44.23	8.10	161.95	100.42	509.07
	Util.	80.49	144.82	68.84	12.74	68.71	82.23	60.57

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

Capo: Capacity in Million Tonnes; Util: Utilization in Percentage.

(a) Through port handled cargo other than thermal coal & oil.

Source: Department of Shipping & Major Ports.

Table 2.1.33

Employment at Major Ports As on 31st March, 2009

Port	Number of Officers		Number of non-cargo handling workers			Number of cargo handling workers other than stevedores		Number of cargo handling other workers	Number of casual workers	Total	(In thousands)
	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	37	80	1337	1283	-	329	692	306	228	4133	
MPT	393	75	3658	4790	-	1283	872	2641	-	14796	
JMPT	170	45	770	119	-	802	-	-	-	1748	
MoPT(G)	138	05	1354	859	-	346	183	-	-	3527	
MMPT (M)	58	101	754	453	-	324	412	-	-	1312	
CoPT	143	216	2719	1038	-	-	-	-	-	4101	
IPPT(G)	73	55	757	342	-	337	677	-	-	2224	
ChPT	309	135	3033	1439	339	1334	605	660	-	8117	
EPL	25	3	11	11	-	-	-	-	-	66	
UPP	189	142	1480	1150	-	1826	457	-	-	5652	
PPT	75	25	1590	1481	100	-	-	-	-	2251	
KUS	495	154	2451	1353	-	115	54	325	-	3973	
IPPT	131	115	479	453	-	145	1375	-	-	3623	
Total	2337	7239	24071	14417	439	3833	4938	4939	228	62701	

(1) Includes CHL & CHL/AOLB

(2) The cargo handling workers of Port are under "Two Categories Port

Cargo handling workers (Decade of Employment scheme, 1997"

(3) It includes the workers who are managed and admin. served by the

Tiruchirappalli Port Trust, Handling Labour Force (PTCLP)

Source: Major Port

Table 2.1.34

Employment at Dock Labour Boards of Major Ports As on 31st March, 2009

Port	Number of DLB Employees					Number of DLB Workers				Grand Total	(In thousands)
	Class I	Class II	Class III	Class IV	Total	Regu- larized	Liaison	Others	Total		
1	2	3	4	5	6	7	8	9	10	11	
UPP	41	5	112	45	193	-	-	-	193	129	
KUS	16	11	107	61	195	177	-	-	177	373	
All DLBs	57	16	219	106	398	177	0	122*	324	1602	

*Note: In case of UPPT, Dock Labour Board has been merged into Kanchi Port Trust.

* Includes of 794 outdoor class III employees - Shipping & Handling others.

Source: Major Port

Table 2.1.35 Mandays Employed and Mandays Lost at Major Ports: 2006-2009 (First March)

Port	2006		2007		2008		2009	
	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
MT	1033	-	1024	-	1051	-	1047	-
NAT	7292	0.3	7411	0.6	5300	0.1	6943	2.1
WPT	1144	-	1126	-	1105	-	1105	-
MDP	698	0.3	678	-	646	-	646	-
QAT	1435	0.1	1380	1.2	1378	0.6	1572	0.8
IP	240	-	231	0.7	627	0.4	232	0.4
PL	7	-	16	-	22	-	22	-
CBT	8132	-	1044	-	8816	-	1139	-
AT	2402	0.8	236	-	2215	-	2308	-
PT	1153	-	1175	-	1099	-	1053	-
NS	2944	-	268	-	2218	-	2311	-
HC	1447	1.8	1664	1.8	1982	0.1	1353	8.1
CBT	643	-	67	-	645	-	643	-
TOTAL	24418	0.2	22274	0.3	22411	0.8	26085	0.4

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

(a): Mandays Employed in TSS

(b): Mandays Lost per 1000 Mandays Employed
Source: Major Port

Table 2.1.3B

Capital Employed at Major Ports - 2003-04 to 2008-09

(Rs. Crores)

Port	Year					
	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
1	2	3	4	5	6	7
KANDLA	600.80	647.04	797.17	847.20	865.22	1041.25
MUMBAI	1827.84	1243.70	2070.40	2147.60	2371.45	2480.80
J. L. NEHRU	1007.00	1070.39	1114.88	2105.28	2144.02	2625.45
MORMUGAO	372.91	280.21	407.25	628.25	547.02	634.68
NEW MANGALORE	224.00	451.00	569.58	632.74	817.52	534.73
Cochin	243.14	263.42	482.48	627.31	513.48	500.14
TUTICORIN	316.20	406.50	518.85	557.00	522.02	624.81
CHENNAI	172.22	483.68	667.95	205.74	1224.27	1446.33
ERNAKORE	636.52	676.75	848.81	723.25	784.77	767.50
V. SAKHAPATNAM	672.37	758.44	763.50	774.45	706.53	815.82
PARADIP	843.54	802.10	887.74	847.87	818.62	1074.68
KOLKATA (w)	1075.54	1503.00	1538.68	1253.63	1024.22	1340.18
All Ports	8545.58	9434.64	11623.33	11031.74	13417.47	14486.00

(w) Includes Kolkata Dock System and Haldia Dock Complex

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

Net Current Assets = Current Assets - Current Liabilities

Source: Annual Accounts of Major Ports

Table 2.1.37

Operational Expenditure Budget of Various Departments - Major Parts - 2007-08 & 2008-09

(Rs. Crore)

Part	Salaries & Wages		SICMS		Office & Administrative Expenses		Depreciation		Standards & Reference		Other Exp.		Total	
	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09
Food	15.18	19.15	2.08	1.74	42.08	67.45	9.42	2.26	22.88	22.74	27.22	220.04	211.72	220.04
400	762.53	625.00	12.00	31.21	112.05	111.24	21.21	1.18	122.11	112.05	270.72	142.18	1100.00	1000.37
	80.39	100.22	10.00	10.00	21.08	22.00	21.75	22.00	22.00	24.00	22.10	210.00	210.00	22.10
	10.00	10.00	10.00	10.00	21.08	22.00	21.75	22.00	22.00	24.00	22.10	210.00	210.00	22.10
Buildings	71.49	88.38	25.44	31.29	21.28	20.49	40.20	40.20	22.00	22.00	40.20	40.20	22.00	22.00
	22.21	22.21	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
Motor Vehicle	110.00	151.47	28.24	47.70	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00
	110.00	151.47	28.24	47.70	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00
	110.00	151.47	28.24	47.70	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00
General	225.67	276.64	2.24	42.24	22.24	22.24	22.24	22.24	22.24	22.24	22.24	22.24	22.24	22.24
	225.67	276.64	2.24	42.24	22.24	22.24	22.24	22.24	22.24	22.24	22.24	22.24	22.24	22.24
	225.67	276.64	2.24	42.24	22.24	22.24	22.24	22.24	22.24	22.24	22.24	22.24	22.24	22.24
Others	20.2	22.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22
	20.2	22.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22
	20.2	22.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22
Other	27.22	27.22	27.22	27.22	27.22	27.22	27.22	27.22	27.22	27.22	27.22	27.22	27.22	27.22
	27.22	27.22	27.22	27.22	27.22	27.22	27.22	27.22	27.22	27.22	27.22	27.22	27.22	27.22
	27.22	27.22	27.22	27.22	27.22	27.22	27.22	27.22	27.22	27.22	27.22	27.22	27.22	27.22
Specialty Expense	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
Variable	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
Standard IT	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
J.L. Part	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
Other	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
Expend	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

-cls	100.00		100.00		100.00		100.00		100.00		100.00		100.00	
	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Note: Figures in brackets are percentages of total expenditure.

Source: Major Parts

Table 2.1.38

Operating Financial Parameters Per Tonne of Cargo

Handled at Major Ports: 2006-07, 2007-08 & 2008-09

(Rs.)

Port	Operating Income per ton			Operating Expenditure per ton			Surplus/Deficit per ton		
	2006-07	2007-08	2008-09	2006-07	2007-08	2008-09	2006-07	2007-08	2008-09
1	2	3	4	5	6	7	8	9	10
KPT	82.52	52.51	66.60	39.99	38.20	45.20	22.54	14.42	11.40
WbPT	144.74	143.44	155.90	85.96	89.46	121.42	43.75	45.00	34.45
JNPT	179.13	150.54	168.42	84.25	58.00	66.51	114.88	100.34	102.92
MbPT	75.93	70.46	66.06	45.75	52.56	52.73	28.54	17.90	13.33
NMPT	79.63	75.08	82.00	40.37	38.53	41.41	39.52	35.49	40.59
CoPT	130.01	139.01	134.50	56.72	119.00	120.15	42.28	24.60	8.35
TPT	101.37	90.96	95.52	28.31	34.20	44.74	69.35	53.14	50.09
DhPT	100.18	109.59	116.25	55.17	70.14	79.23	24.95	29.76	37.52
LPL	94.31	110.72	119.79	38.35	32.70	30.72	55.90	77.96	89.07
VTPT	94.30	87.53	89.24	49.04	43.24	54.75	51.45	41.64	39.10
PPT	154.93	150.51	150.11	73.57	74.41	77.17	81.05	76.39	72.94
COB	225.85	230.36	243.44	127.25	118.84	135.04	96.10	110.52	108.37
COB	249.17	203.64	299.51	133.85	177.01	241.12	95.20	86.03	57.39
All Major Ports	125.91	121.55	125.75	69.81	67.35	76.49	57.24	54.22	49.26

Source: Major Ports

【重要】

STRENGTH AND STIFFNESS OF THE JOINTS OF THE

('000 l's - mes)

[illegible]

Table 222
(Contd.)

Trademark handled all the major popular music artists and labels.
1964-67, 2007-08 & 2009-10

[illegible]

Table 2.2.3

Domestic and Foreign Cargo Traffic: All Ports

Jan-Mar 1998 - 2009-03-2007-03 & 2008-03

(000 Tonnes)

Port/Commodity	2006-07			2007-08			2008-09		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
GUJARAT									
1. Bulk	1307	1749	4057	1386	8935	10321	150	1169	1319
a) Chemicals	-	1257	1257	-	3047	3047	-	416	416
b) Fertilizers & PK	373	-	373	522	-	522	677	-	677
c) Grains	-	773	773	-	735	735	-	567	567
d) Edible Oil	-	1	1	-	-	-	-	-	-
e) Coal	416	37	453	875	-	875	767	35	802
f) Others	11	89	100	7	63	70	4	122	126
2. Other	877	2379	3256	4105	-	4105	1701	-	1701
a) Chemicals	-	152	152	112	-	112	137	-	137
b) Steel	779	-	779	732	-	732	503	-	503
c) Iron	1	2122	2123	1420	-	1420	767	-	767
d) Others	87	84	171	137	-	137	204	-	204
3. R&P	19497	923	20420	1668	2024	18312	80339	1407	81746
a) Edible Oil	136	12	148	750	14	764	756	-	756
b) Mineral Grains	2673	2	2675	1792	-	1792	-	-	-
c) Iron & Steel	879	501	1380	413	1149	1562	1176	1200	2376
d) Fertilizer Products	3735	27	3762	7054	112	7166	8124	32	8156
e) Fertilizers (PK)	1442	-	1442	1825	-	1825	2957	-	2957
f) Coal	3023	-	3023	4041	-	4041	7707	16	7723
g) Others	1542	145	1687	857	830	1687	10319	1072	11391
4. Minerals	1527	157	1684	2616	122	2438	2704	135	2839
a) Coal	1527	-	1527	2616	-	2616	2704	-	2704
b) Iron	-	157	157	-	122	122	-	135	135
c) Others	33	-	33	-	-	-	-	-	-
5. Metal Products	637	1777	2414	976	1122	2098	556	817	1373
a) R. Pch. Material	-	1777	1777	-	1122	1122	-	810	810
b) Coal	505	-	505	437	-	437	549	-	549
c) POL & Other Minerals	42	-	42	44	-	44	17	-	17
d) Others	35	-	35	16	-	16	107	-	107
6. S&P	35567	4250	41222	32313	27067	59380	39458	21735	61193
a) Chemical Products	31886	4338	36224	32314	22562	54876	37951	22838	60789
b) Fertilizers & PK	617	-	617	627	-	627	670	174	844
c) R. Pch. Material	-	-	-	31	-	31	-	71	71
d) Coal	121	-	121	63	-	63	17	-	17
e) Edible Oil	2658	-	2658	2260	-	2260	1323	73	1396
f) Others	129	121	250	167	308	475	2	15	17
7. Minerals	1075	1764	2839	4412	1670	6082	4785	1273	6058
a) POL & Other Minerals	1042	161	1203	2241	126	2367	2365	676	3041
b) Iron Ore	822	513	1335	156	250	406	-	213	213
c) Iron & Steel	11	532	543	3	470	473	41	314	355
d) Coal	2221	-	2221	1376	-	1376	2124	-	2124
e) Others	380	117	497	252	168	420	282	131	413

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

**Mineral/Quarry-wise Disposal of Mining Wastes Banded By States
State-Wise Totals - 2006-07, 2007-08 & 2008-09**

(In '000 Tonnes)

Part/Commodity	2006-07			2007-08			2008-09		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
7. Fertilisers	697	3449	4146	499	2459	2958	253	3314	3567
a) Chemical	297	-	297	473	-	473	253	-	253
b) Inorganic Materials	-	3149	3149	-	2459	2459	-	2014	2014
c) Others	29	-	29	26	-	26	-	-	-
8. Dyes	6239	471	6710	9709	1573	11282	2077	1927	4004
a) Fertiliser/Other Products	6239	137	6376	9547	219	9766	2077	914	2991
b) Chemicals	303	375	678	189	170	359	192	262	454
c) Fertiliser/Other	326	-	326	525	-	525	512	-	512
d) Other	619	-	619	594	-	594	541	-	541
e) Other Products	114	11	125	135	-	135	119	11	130
f) Others	927	60	987	319	125	444	270	19	289
9. DDTs	3109	77	3186	1728	211	1939	2907	249	3156
a) Inorganic Materials	353	-	353	-	62	62	-	57	57
b) Other	961	-	961	814	-	814	536	-	536
c) Inorganic	-	139	139	13	214	227	79	19	98
d) Fertiliser/Other	345	-	345	413	-	413	432	-	432
e) Others	1501	24	1525	3	8	11	1700	1	1701
MHARASHTRA									
1. Fertilisers	219	-	219	219	102	321	-	300	321
a) Chemical	219	-	219	219	-	219	-	300	321
b) Other	-	-	-	-	102	102	-	-	-
2. Dyes	372	-	372	347	-	347	990	-	372
a) Chemical	180	-	180	140	-	140	239	-	213
b) Fertiliser/Other Products	147	-	147	184	-	184	-	-	-
c) Other	56	-	56	13	-	13	127	-	127
d) Fertiliser/Other	2612	75	2687	2019	87	2106	2771	67	2838
e) Other	222	-	222	-	-	-	168	-	168
f) Other	1775	-	1775	1287	-	1287	1050	-	1050
g) Fertiliser/Other	757	-	757	209	-	209	347	-	347
h) Fertiliser/Other	471	-	471	442	-	442	277	-	277
i) Others	854	26	880	379	57	436	924	62	986
3. DDTs	-	-	-	154	-	154	341	-	341
a) Other	-	-	-	154	-	154	341	-	341
5. DDTs	339	-	339	212	-	212	-	-	-
a) Fertiliser/Other Products	339	-	339	212	-	212	-	-	-
b) Other	-	-	-	-	-	-	-	-	-
KARNATAKA									
1. Fertilisers	161	2706	2867	76	2029	2105	25	2833	2909
a) Fertiliser/Other	162	-	162	76	-	76	25	-	25
b) Fertiliser/Other	-	277	277	-	251	251	-	279	279
c) Other	-	1094	1094	-	1808	1808	-	2879	2879
d) Fertiliser/Other	56	-	56	25	2	27	-	-	-
e) Others	3	55	58	4	912	916	25	130	155
2. DDTs	-	4034	4034	-	4034	4034	-	181	181
a) Fertiliser/Other	-	4034	4034	-	4034	4034	-	1007	1007
b) Others	-	4034	4034	-	4034	4034	-	4	4

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

**Commodity-wise Exports from Tamil Nadu Ports
Jan-Mar 2007 - 2007-08 & 2008-09**

(TMT Tonnage)

Port/Commodity	2007-08			2007-08			2008-09		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
KERALA									
1. Kozhikode/Bhyppam	45	-	45	-	-	-	-	-	-
a) Oil ms	45	-	45	-	-	-	-	-	-
2. Kollam/Vadakkanchery	-	-	-	-	11	11	-	10	10
a) Other	-	-	-	-	11	11	-	10	10
TAMILNADU									
1. Tuticorin	85	-	85	45	-	45	21	-	21
a) Iron Ore & Iron	85	-	85	45	-	45	21	-	21
b) Others	-	-	-	-	-	-	-	-	-
2. Nagapattinam	12	0	51	45	-	45	45	-	45
a) Iron Ore	32	-	32	30	-	30	45	-	45
b) Others	12	0	21	15	-	15	-	-	-
COA									
Port	278	15952	16230	88	12857	12945	-	1500	11670
a) Iron ore	-	15852	15852	-	12857	12857	-	1500	11650
b) Coal	278	-	278	78	-	80	-	-	-
c) Others	-	-	-	-	-	-	-	-	-
ANDHRA PRADESH									
1. Kakinada Anchorage									
Port	1076	2532	3608	105	2959	3064	747	1354	2101
a) Foodgrain	19	2021	2040	-	2021	1700	34	524	558
b) Iron Ore & FBM	842	-	942	1034	-	1034	615	-	615
c) Coal	-	-	-	-	-	-	52	-	52
d) Others	4	511	515	27	225	252	1	800	801
2. Kakinada Deep Water Port	7255	4700	11955	7340	4391	12150	10758	2180	13823
a) Foodgrain & FBM	1004	-	1007	945	-	945	7432	-	7432
b) Iron Ore	595	-	595	885	2	887	1074	-	1074
c) Foodgrain & FBM	5257	-	5257	6120	-	6120	5762	-	5762
d) Iron Ore	-	3875	3875	-	2500	3912	-	1908	1908
e) Coal	128	-	128	48	-	48	418	18	437
f) Others	220	174	394	52	400	768	107	155	1072
3. Kakinada Deep Water Port	-	-	-	-	-	-	712	740	1452
a) Foodgrain & FBM	-	-	-	-	-	-	125	-	125
b) Iron Ore	-	-	-	-	-	-	52	747	799
c) Coal	-	-	-	-	-	-	24	-	24
d) Others	-	-	-	-	-	-	30	87	117
ORISSA									
2. Cuttack	-	-	-	205	88	293	274	88	362
a) Iron Ore & FBM	-	-	-	205	-	205	274	-	274
b) Iron Ore	-	-	-	-	41	41	-	4	45
c) Others	-	-	-	6	47	53	-	84	137
INDIA									
1. Chennai	15	18	33	15	-	15	27	-	42
a) Iron Ore	15	-	15	15	-	15	27	-	42
b) Others	-	18	18	-	-	-	-	-	-

Source: State J.T. Marketing Board

Table 2.2.4

Mineral by Waterborne Cargo Terminals: Mineral A Select
Main Major Ports - 2006-07, 2007-08 & 2008-09

Port/Commodity	2006-07			2007-08			2008-09		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
GUJARAT									
1. Baid	15	132	147	2	77	79	-	21	29
a) Coal	-	100	100	-	15	76	-	21	29
b) Cement	15	-	-	-	-	-	-	-	-
c) Other Minerals	-	2	2	-	-	-	-	-	-
d) Others	-	-	-	2	2	4	-	-	-
2. Other	-	-	-	-	-	-	-	-	-
3. Other	-	-	-	-	-	-	-	-	-
4. Other	29	247	276	280	231	511	2525	260	2785
a) Coal	16	13	29	259	113	372	2155	187	2342
b) Cement	-	-	-	-	30	35	-	-	-
c) Other Minerals	1	127	128	1	60	61	134	-	135
d) Others	24	-	24	2	-	2	-	73	75
5. Other	24	-	24	2	-	2	-	-	-
6. Other	-	1814	1814	-	1805	1805	-	1771	1771
a) Coal	-	1814	1814	-	1805	1805	-	1771	1771
b) Cement	-	-	-	-	-	-	-	-	-
c) Other Minerals	-	-	-	-	-	-	-	-	-
d) Others	-	-	-	-	-	-	-	-	-
7. Other	460	13361	13821	388	2131	2519	191	2100	2291
a) Coal	421	13360	13821	388	2131	2519	191	2100	2291
b) Cement	-	157	157	-	-	-	-	-	-
c) Other Minerals	-	-	-	-	-	-	-	-	-
d) Others	41	25	66	1	25	26	-	25	26
8. Other	41	25	66	1	25	26	-	25	26
9. Other	2169	311	2480	628	430	1058	1057	218	1275
a) Coal	2115	29	2144	1470	14	1484	1528	6	1534
b) Cement	221	-	221	125	-	125	552	-	552
c) Other Minerals	49	157	210	-	127	127	4	74	78
d) Others	48	51	127	62	121	183	68	120	188
10. Other	-	1708	1708	-	2421	2421	-	2048	2048
a) Coal	-	1708	1708	-	2421	2421	-	2048	2048
b) Cement	-	-	-	-	-	-	-	-	-
c) Other Minerals	-	-	-	-	-	-	-	-	-
d) Others	-	-	-	-	-	-	-	-	-
11. Other	135	275	410	24	116	140	141	171	212
a) Coal	115	-	115	-	-	-	27	-	27
b) Cement	1	250	251	6	113	119	-	172	189
c) Other Minerals	-	-	-	19	-	19	12	-	31
d) Others	-	-	-	-	-	-	-	-	-
12. Other	286	76	362	111	31	142	290	31	321
a) Coal	-	4	4	-	-	-	1	-	1
b) Cement	121	33	154	100	11	111	27	4	31
c) Other Minerals	142	6	148	10	-	10	42	25	67
d) Others	1	13	14	2	14	16	23	20	43
KARNATAKA									
1. Other	179	26	205	114	6	120	17	-	17
a) Coal	81	-	81	73	-	73	-	-	-
b) Cement	157	26	183	41	6	47	17	-	17
c) Other Minerals	-	-	-	-	-	-	-	-	-
d) Others	-	-	-	-	-	-	-	-	-
2. Other	13	70	83	12	25	37	5	34	39
a) Coal	-	47	47	-	13	13	-	33	33
b) Cement	13	23	36	12	20	32	5	21	26
c) Other Minerals	-	-	-	-	-	-	-	-	-
d) Others	-	-	-	-	-	-	-	-	-

Table 2.2.4

(Contd...)

Commodity-wise General Cargo Tonnage Loaded & Unloaded

Major Ports - 2006-07, 2007-08 & 2008-09

[Tonnage]

Port/Commodity	2006-07			2007-08			2008-09		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
SOUTH BAHAR									
1 Bulkgrain	384	-	384	183	-	183	365	-	365
2 Bulkgrain Material	270	-	270	183	-	183	365	-	365
3 Bulkgrain Product	14	-	14	-	-	-	-	-	-
4 Others	-	-	-	-	-	-	-	-	-
5 Bulkgrain	135	68	203	135	-	135	203	-	203
6 Bulkgrain	207	-	207	207	-	207	207	-	207
7 Bulkgrain Material	104	-	104	207	-	207	207	-	207
8 Others	16	17	33	112	-	112	40	-	40
9 Bulkgrain	616	117	733	683	274	957	-	27	27
10 Bulkgrain	616	117	733	-	115	115	-	-	-
11 Bulkgrain	-	55	55	-	-	-	-	21	21
12 Bulkgrain	1276	-	1276	1407	-	1407	1558	1	1559
13 Bulkgrain Material	1276	-	1276	1407	-	1407	1558	-	1558
14 Others	-	-	-	-	-	-	-	1	1
15 Bulkgrain	15	55	70	14	51	65	12	193	205
16 Bulkgrain Product	15	-	15	-	-	-	-	-	-
17 Bulkgrain Material	-	-	-	-	51	51	-	193	193
18 Others	-	55	55	-	-	-	12	-	12
19 Bulkgrain	324	-	324	-	-	-	-	-	-
20 Bulkgrain Material	324	-	324	-	-	-	-	-	-
GOA									
1 Bulkgrain	-	35	35	-	79	79	-	1	1
2 Bulkgrain	-	35	35	-	79	79	-	1	1
3 Others	-	-	-	-	-	-	-	-	-
KERALA									
1 Bulkgrain	66	46	112	17	16	33	43	68	111
2 Bulkgrain Material	-	12	12	-	15	15	-	30	30
3 Bulkgrain	9	-	9	10	-	10	18	1	19
4 Others	16	12	28	7	17	24	22	25	47
5 Bulkgrain	-	-	-	-	-	-	-	-	-
6 Bulkgrain Material	-	12	12	-	-	-	-	-	-
7 Others	-	12	12	-	-	-	-	-	-
ANDHRA PRADESH									
1 Bulkgrain	-	2641	2641	-	2628	2628	-	2125	2125
2 Bulkgrain	-	2641	2641	-	2628	2628	-	2125	2125
3 Bulkgrain Anchorage Port	117	126	243	40	74	114	-	75	75
4 Bulkgrain	117	-	117	75	-	75	-	-	-
5 Bulkgrain Material	-	126	126	-	60	60	-	21	21
6 Others	-	9	9	7	14	21	-	1	1
7 Bulkgrain Deep Water	309	-	309	422	-	422	610	-	610
8 Bulkgrain Material	629	-	629	422	-	422	422	-	422
9 Bulkgrain	24	-	24	21	-	21	-	-	-
10 Others	-	-	-	-	-	-	124	-	124
11 Others	-	-	-	2	-	2	-	-	-
TAMIL NADU									
1 Bulkgrain	-	255	255	-	104	104	-	114	114
2 Bulkgrain	-	255	255	-	104	104	-	114	114
3 Bulkgrain	255	-	255	191	85	276	145	142	287
4 Bulkgrain Product	255	-	255	191	85	276	145	142	287
5 Others	-	-	-	-	1	1	-	4	4
6 Bulkgrain	-	-	-	-	-	-	-	-	-
7 Bulkgrain Material	171	-	171	268	-	268	152	-	152
8 Bulkgrain	171	-	171	268	-	268	152	-	152
9 Others	-	-	-	-	-	-	-	-	-
MADHARAJ & NICOBAR									
1 Bulkgrain	1214	944	2158	1211	109	1320	1253	675	1928
2 Bulkgrain Material	553	405	958	600	544	1144	600	258	858
3 Bulkgrain Product	115	10	125	156	15	171	17	17	34
4 Bulkgrain	45	19	64	85	17	102	17	17	34
5 Others	230	110	340	281	132	413	138	152	290

Source : State / UT Maritime Boards

Table 2.2.5

Cargo Loaded at Major-Porter Ports (By Steamers & Bill of Lading) - 2007-08 & 2008-09

State/Port	Overseas				Country								Total	
	Unloaded		Loaded		Unloaded				Loaded				Overseas & Country	
	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09
	1	2	3	4	5	6	7	8	9	10	11	12		
Gujarat	52764	49773	40219	34713	6673	40621	6673	40621	3875	7480	40592	152871		
Overseas S.V.	81154	86325	40102	34681	2574	40621	2574	40621	3875	7480	40592	152871		
Maharashtra	3410	2273	1280	7176	5236	4513	5236	4513	315	734	11342	10415		
Overseas S.V.	3410	2273	1280	7176	5236	4513	5236	4513	315	734	11342	10415		
Goa	86	-	2807	1400	-	-	-	-	-	-	-	-		
Overseas S.V.	86	-	2807	1400	-	-	-	-	-	-	-	-		
Karnataka	63	35	6513	6753	182	27	182	27	64	95	1065	5025		
Overseas S.V.	63	35	6513	6753	182	27	182	27	64	95	1065	5025		
Tamil Nadu	150	65	14	-	427	315	427	315	252	248	257	509		
Overseas S.V.	150	65	14	-	427	315	427	315	252	248	257	509		
Andhra Pradesh	1807	14881	2131	1682	238	591	238	591	273	773	10370	27730		
Overseas S.V.	1807	14881	2131	1682	238	591	238	591	273	773	10370	27730		

Table 2.2.6
(Contd...)

Damage Sustained at Main-Porter Piers 4 By Containers & Sealing Equipment - 2007-08 & 2008-09

(Units: Tonnage)

Station/Port	Overseas				Coastal				Total			
	Unloaded		Loaded		Unloaded		Loaded		Overseas & Coastal			
	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09
1	2	3	4	5	6	7	8	9	10	11	12	13
Kerala												
Thiruvananthapuram	-	-	-	1	2	17	62	76	62	104	121	131
Alappuzha	-	-	-	6	20	-	18	-	8	8	47	47
Kollam	-	-	-	3	1	17	92	73	50	50	64	64
Pathanamthitta	2	40	-	-	-	-	-	-	-	10	27	27
Kannur	12	47	-	-	-	-	-	-	-	12	47	47
Malappuram	-	-	-	-	-	-	-	-	-	-	-	-
Onassery	200	201	65	64	-	-	-	-	-	-	202	202
Thiruvananthapuram	208	20	60	24	-	-	-	-	-	-	203	203
Sea Islands	9	76	-	-	-	1707	252	602	675	2125	2735	2735
Thiruvananthapuram	9	76	-	-	-	1867	1292	708	675	2182	2676	2676
Others	-	-	-	-	-	-	-	-	-	-	-	-
All States	13040	117739	17004	10725	10725	18612	18673	12230	1117	20264	21372	21372
Thiruvananthapuram	10700	117075	17052	10749	10749	18503	18617	12241	10367	20270	21184	21184
Sea	7	24	172	23	23	18	81	138	214	252	304	304

Source: Shipping Corporation of India Ltd.

Table 2.2.6

Manpower Employment At Non Major Ports - 2008-09

(In No.)

States/UTs	Officers		Regular Workers		Casual Workers
	Sanctioned	Actual	Sanctioned	Actual	
1	2	3	4	5	6
Gujarat	207	174	7172	1471	275
Maharashtra	58	45	25	29	5
Goa	11	6	144	135	0
Daman & Diu	2	2	21	20	0
Karnataka*	217	86	21	50	NONE
Kerala	70	38	326	147	1
Tamil Nadu	45	36	14	24	1
Puducherry	26	4	22	55	7
Andhra Pradesh	204	200	55	54	452
Andaman & Nicobar Islands	21	22	125	152	15
Orissa	34	34	42	64	4325
Total	875	756	9549	2587	10475

* In Karnataka; Survey Form 1 returned port, port handling operations are done only by private industries and S & P Agents.

Laborers are supplied by the Kerala L & J Union/Local Co-Operative society/Karwar Co-operative Agency.

Source: MWD/IT Maritime Project.

Table 2.27

Physical Performance of Non-Player Ports 2007-08 & 2008-09

Maritime State/UT/Port	No. of Vessels Left		Turn Round Time (In Days)	
	2007-08	2008-09	2007-08	2008-09
1	2	3	4	5
1.GUJARAT				
Porbandar	179	151	2.2	2.4
Okha	196	22	1.8	Mag
Patli	209	120	Mag	3.5
Ekta	1077	939	Mag	Mag
Nayabadi	53	17	Mag	Mag
Jaldiyeon	109	251	Mag	Mag
Bambay	12	2	Mag	Mag
M. J. Chavda	221	89	1.2	4.5
GMPL	241	1045	0.4	2.4
GMPL	231	241	1.0	6.4
Rajkot	213	255	Mag	Mag
V. V. V.	13	24	N.A.	N.A.
Rajkot		72	N.A.	N.A.
2.KARNATAKA				
Kannur	175	149	2.2	2.2
Mangalore	82	29	2.2	2.0
Old Mangalore	N.A.	822	N.A.	N.A.
Bellary	N.A.	1	N.A.	2.0
3.TAMIL NADU				
Chennai	35	224	N.A.	N.A.
Tiruchendur	21	21	2.0	2.0
Kudalikulam	1	1	Mag	Mag
Chennai	29	89	Mag	Mag
Eraniel	6	4	Mag	Mag
P. J.	1	15	N.A.	0.2
Tiruchendur		3	N.A.	2.0
4.ODISHA				
Paradeep	275	191	2.0	4.0
5.ORISSA				
Superior	16	15	1.5	1.5
6.ANDRAPRADESH				
Kakinada(Spa. Port)	N.A.	992	N.A.	2.0
Kakinada(General)	N.A.	225	N.A.	Mag
Bhim	N.A.	15	N.A.	N.A.
Kakinada(OT)	N.A.	205	N.A.	2.0
7.KERALA				
Kochi/India/Thiruvananthapuram	120	577	N.A.	N.A.
Kochi/India/Thiruvananthapuram	85	60	Mag	Mag

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 2.11 **PORTS AND TRAFFIC HANDLED (TODAY)**

(In Million Tonnes)

Ports/ Year	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	12.25	170.65	38.55	37.17	71.38	156.08	50.88	251.75
1998-99	124.94	35.07	130.02	30.54	32.18	71.77	164.09	67.27	251.74
1999-00	123.60	53.61	150.45	49.81	34.62	81.54	183.72	70.26	271.67
2000-01	177.20	66.20	193.40	51.54	36.10	87.73	178.75	102.38	281.13
2001-02	180.12	70.77	205.85	47.39	35.46	80.99	177.16	110.43	287.56
2002-03	193.61	81.72	227.35	42.27	37.60	82.20	182.04	131.01	313.55
2003-04	142.12	110.88	251.75	40.70	37.48	80.01	193.86	148.17	341.86
2004-05	169.42	126.20	295.82	47.72	41.12	83.14	219.44	167.82	387.78
2005-06	185.10	130.04	335.12	44.22	48.23	80.45	243.70	175.87	423.57
2006-07	221.55	143.76	365.5	52.57	42.40	84.97	275.12	185.63	463.73
2007-08	259.18	165.78	410.32	57.50	42.89	100.39	313.88	208.65	523.37
2008-09	296.67	189.48	427.46	57.70	45.65	109.34	345.82	217.14	523.50
NON-MAJOR PORTS									
1997-98	18.75	10.42	29.17	6.22	4.22	9.44	23.87	14.64	35.37
1998-99	15.23	8.42	24.35	5.24	5.62	11.08	22.27	14.01	35.3
1999-00	31.73	8.13	38.91	10.70	13.87	24.07	41.33	27.05	63.38
2000-01	43.73	17.50	61.22	10.83	16.19	26.05	64.50	32.77	97.57
2001-02	48.12	13.76	62.04	10.45	16.15	26.55	69.63	35.80	95.52
2002-03	50.85	27.40	78.01	14.05	19.23	30.24	84.81	43.39	104.30
2003-04	55.35	31.15	87.03	17.15	17.15	31.33	90.58	47.70	113.20
2004-05	85.47	32.50	104.87	15.62	16.47	31.93	86.06	55.87	136.56
2005-06	83.58	43.82	118.27	15.47	15.35	31.05	86.06	54.07	140.12
2006-07	83.76	40.34	140.11	17.50	22.37	44.02	103.26	76.56	184.62
2007-08	107.01	70.27	177.81	19.87	12.30	29.07	122.81	82.47	206.28
2008-09	117.76	63.70	183.64	19.61	11.17	29.88	136.27	70.96	213.22
ALL PORTS									
1997-98	136.18	22.67	208.85	44.77	39.85	71.42	179.95	110.32	290.27
1998-99	140.22	33.46	204.87	45.83	37.80	73.88	186.36	121.26	289.05
1999-00	164.70	54.51	229.74	60.12	45.40	105.81	225.15	110.70	336.25
2000-01	170.60	50.79	264.72	62.41	61.37	119.78	232.34	135.18	370.50
2001-02	192.30	48.55	275.07	57.40	49.78	107.27	236.73	146.32	381.11
2002-03	184.68	120.88	305.36	62.27	54.22	116.49	270.96	174.90	421.86
2003-04	204.51	147.21	345.32	62.71	54.82	117.34	273.22	190.41	453.63
2004-05	254.88	166.70	403.09	62.54	67.92	120.13	297.49	203.29	520.72
2005-06	258.76	157.53	451.39	60.56	61.01	122.80	297.49	222.29	571.88
2006-07	318.31	160.70	495.81	70.37	69.72	139.79	386.33	202.32	648.70
2007-08	350.20	238.69	588.27	74.37	55.05	128.43	434.57	231.12	725.69
2008-09	373.73	232.27	611.10	75.27	56.82	137.02	451.34	236.68	744.02

Table 3.1.2 Cargo Traffic Handled at Indian Ports - By State

(In '000 Tonnage)

Port/State/Type of Traffic	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
1	2	3	4	5	6	7	8	9	10	11
GUJARAT	20001	130000	117253	121194	108875	117180	144001	184247	215441	229035
Mumbai	45303	13741	37728	41539	41529	41551	45907	52997	54000	72212
Other Ports	45507	71259	79525	91561	91332	94741	102107	14700	155621	156811
Chennai	89545	84329	85714	87572	100247	110601	125550	145281	187105	196007
Coastal	24057	23001	21849	24672	30028	38001	25714	17287	37575	25025
Loaded	18047	31129	35451	40000	48914	48905	47821	58420	64021	65001
Unloaded	74211	79271	74110	81054	86411	91219	107413	127107	100340	184634
MAHARASHTRA	51004	54003	51591	52881	71517	80001	80157	102750	124255	114500
Mumbai	35412	27009	26453	25798	38881	35107	44100	52154	54001	51270
J. L. Nehru	14579	12505	22101	25141	34180	32808	57896	44215	55001	67239
Other Ports	8549	8545	4837	7505	10000	12143	11158	11330	14900	10419
Chennai	28063	39000	38591	47146	34069	60479	70001	53400	57001	90101
Coastal	13111	14823	14396	16321	16528	19512	23100	25001	24188	20807
Loaded	15189	18484	19186	20155	28170	29111	37379	15001	43728	40801
Unloaded	25049	33216	34715	37009	48447	50227	53109	73700	67509	75797
GOA	20012	15816	25706	24021	28010	38892	49450	45547	47553	53582
Martandaj	18278	15101	20528	23840	27874	30829	31858	34241	36125	41881
Other Ports	2405	1100	2858	5874	8381	8700	11707	14100	13825	17801
Chennai	18055	21152	23857	27818	24981	37711	45457	67055	48892	52150
Coastal	1845	1654	1021	1405	1041	1149	381	272	1121	1032
Loaded	47837	10000	25464	24449	31424	32575	37041	41217	40079	48570
Unloaded	7205	4457	5182	4774	4558	5152	8407	7335	7574	7012

Table 3.1.2 (Contd...)

Cargo Traffic Handled at Indian Ports - By State

(In MT Tonnage)

Port/State/Type of Traffic	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
1	2	3	4	5	6	7	8	9	10	11
DAMAN & DIU	-	-	-	-	-	-	-	-	-	-
Other Ports	-	-	-	-	-	-	-	-	-	-
Goanada	-	-	-	-	-	-	-	-	-	-
Goanad	-	-	-	-	-	-	-	-	-	-
Loaded	-	-	-	-	-	-	-	-	-	-
Unloaded	-	-	-	-	-	-	-	-	-	-
KARNATAKA	18224	18157	10247	22102	77541	87227	70993	88608	44818	41889
New Mangalore	17801	17681	17001	21420	20073	33841	31401	32841	28019	38421
Other Ports	823	876	746	682	1468	3886	1117	1867	8000	4668
Onward	14258	14500	18517	17740	22887	25823	20073	31840	18727	35422
Overhead	2966	4518	4720	4362	5464	8574	7055	7983	6751	5177
Loaded	9810	8052	9195	17330	14448	21440	21702	20228	26095	27813
Unloaded	5714	6437	1052	10334	18215	15827	15808	18277	18823	20046
KERALA	12461	12288	12188	13112	18830	14184	14228	15428	17814	15622
Cochin	12441	12144	12058	13021	18802	14180	18828	15257	15210	15484
Other Ports	120	34	130	91	528	64	135	171	904	138
Overhead	1431	7954	7182	8347	9230	10175	5842	10882	10870	11111
Overhead	1520	5834	3154	4705	3420	3142	4187	4967	8044	4014
Loaded	2257	2122	2020	2108	2572	2483	2301	3513	3708	2794
Unloaded	1074	1118	1017	1505	11058	10680	11632	11095	12516	12081
TAMIL NADU	17800	58815	53003	66258	40385	65501	74288	87807	81044	21500
Tutukudi	9588	12284	13247	18214	13878	10311	17130	18021	21490	27011
Overhead	97442	41220	20110	38887	28710	40002	47042	53411	57164	57494
Ennore	-	-	3121	8483	3277	8490	9188	10711	11583	11500
Other Ports	414	232	635	802	880	604	711	805	887	888
Overhead	21547	20150	31878	32520	36021	48585	58128	62028	70829	71367
Overhead	18003	22005	21880	23228	29428	23780	21025	20586	20275	20527
Loaded	13170	14007	18445	18010	28020	27078	24802	28158	32703	28158
Unloaded	34474	25081	38578	18048	49275	18717	43884	53778	18021	18024

Table 2.1.3 (Contd..)

Cargo Traffic Handled At Indian Ports - By State

Port/State/Type of Traffic	In MT-Tonnes									
	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
1	2	3	4	5	6	7	8	9	10	11
PONDICHERRY		76	25	19	106	59	26	34	10	27
Other Ports	-	28	04	19	104	64	25	34	10	27
Onward	-	76	25	19	106	59	26	34	10	27
Coastal	-	-	-	-	-	-	11	-	-	-
Loaded	-	-	-	9	71	28	25	10	-	-
Unloaded	-	76	25	11	37	31	41	24	10	27
ANDHRA PRADESH	45402	49214	43093	66242	57757	83213	73415	71904	63357	80632
Vishakhapatnam	34216	44585	44344	47000	47736	62148	56401	56335	64537	81200
Other Ports	6822	4128	5691	15238	10021	19067	17514	15569	15200	26720
Coastal	73297	25562	20581	30942	70802	48173	54924	68678	60333	65420
Unloaded	20133	22072	20420	22283	15457	17062	18031	21345	22443	29246
Loaded	17440	20075	20400	26325	25321	30811	34700	32406	34719	42587
Unloaded	17500	21548	23583	20407	24835	24787	20456	41508	66321	31247
ORISSA	10792	20010	21145	22001	35311	30104	23103	38517	12732	16757
Paradeep	13538	18600	21131	23921	26811	30104	33109	33517	40437	48412
Other Ports	154	140	18	-	-	-	-	281	281	206
Onward	6324	2043	42176	11730	18120	16525	21761	25777	32191	28063
Coastal	7468	10662	10274	12201	12164	11524	10138	11740	12311	12743
Loaded	8014	13135	14432	16310	22506	21888	21085	24157	43872	28315
Unloaded	4778	1664	6760	8191	6715	4318	11234	13862	17060	20092
WEST BENGAL	31075	30200	30405	35804	41281	45207	52115	50250	57325	54220
KD&	10013	7131	5374	7221	8523	9143	10606	12536	13741	12422
KDC	20713	22662	25030	28583	32757	36062	41507	42454	43584	41792
Other Ports	-	-	-	-	-	-	-	-	-	-
Onward	24131	20852	24237	27341	32714	33189	44025	47447	50012	47427
Coastal	7579	7341	5088	6453	8517	8121	9113	7503	6417	4233
Loaded	20750	23221	27331	32744	34224	35068	44076	46736	48325	47627
Unloaded	24686	20179	22972	28450	30536	32121	37939	34715	50040	35793

Table 3.1.2(Contd...)

Cargo Traffic Handled in Indian Ports - By State

(in '000 Tonnage)

Port/State/Type of Traffic	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01
1	2	3	4	5	6	7	8	9	10	11
BEAR ISLANDS	803	715	920	804	720	808	841	1090	7160	2005
Other Ports	423	715	868	921	732	870	941	1590	2155	2092
Chennai	14	-	-	-	-	5	4	5	9	38
Coastal	106	715	885	921	730	902	937	1591	2175	1956
Exported	214	116	330	219	291	347	373	514	804	875
Imported	209	600	555	702	439	555	568	1076	1371	1220
ALL INDIA	315390	358497	381106	421822	470064	510715	578652	640704	725872	744028
Major Ports	271857	281121	297531	319553	344758	380725	423688	457032	518313	530204
Other Ports	43533	77276	83575	102269	115305	129990	154964	183672	207559	213824
Exported	228741	254720	275128	305350	347529	403884	451997	501910	586224	611005
Imported	186716	119777	109977	114480	117341	126826	122665	138762	132189	129019
Exported	110201	135180	140120	174811	189430	220883	243443	262220	291125	284021
Imported	28040	291127	259758	240241	287325	357822	357641	388384	436722	445983

Note: 1. Major Ports include Non-Major Ports.

2. See Annexure containing List of Major and Non-Major Ports.

Table 3.1.3

George W. Bush's Political Career & Policies With All History Facts - By Spon

13E-91W

[illegible]

Table 3.1.4

Orange Landfill Unwashed and Coarse Material Piles - by State

(in thousands)

Port/State	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
1	2	3	4	5	6	7	8	9	10	11
GUAM										
Landfill	9058	4700	4494	4554	4388	3845	4036	4139	4316	4404
Other Piles	15063	28447	26449	34574	37383	36636	37886	44634	47229	45777
Total	24121	33147	30943	40128	43671	40481	47921	56031	64901	60201
GUAM (Cont.)										
Landfill	6241	3189	3150	3197	3012	2829	2933	3392	3481	3573
Other Piles	17920	12000	13394	18130	19459	17952	18548	24139	27020	25628
INDONESIA										
Landfill	13021	11744	9125	13367	15342	12123	16534	13257	12444	8091
Other Piles	9493	7364	6631	10173	15266	14174	14220	21444	24434	26741
Other Piles	452	48	472	563	7051	1640	1134	1187	184	2710
Total	22966	19156	16228	24103	31309	26937	31888	34885	37062	35042
GUAM (Cont.)										
Landfill	1414	1253	1534	1779	1653	1416	2290	2444	3303	3294
Other Piles	8471	7141	5091	8388	9189	8967	14398	14421	1771	7501
DOA										
Landfill	14023	15832	14043	18266	24447	23051	23014	27131	27463	12699
Other Piles	2254	2421	2540	5173	8316	7443	1457	1427	1236	1621
Total	16277	18253	16583	23439	32763	30494	24571	28658	28769	14320
GUAM (Cont.)										
Landfill	17826	16841	20308	34067	27811	32876	28331	40960	41138	42133
Other Piles	741	384	258	342	144	321	443	224	463	474
GUAM (Cont.)										
Landfill	2141	2011	2744	10328	13425	12375	13449	14132	14511	10727
Other Piles	272	381	441	400	820	347	378	248	321	244
Total	2413	2392	3185	10728	14245	12722	13827	14380	14832	10971
GUAM (Cont.)										
Landfill	6450	5604	8721	3123	14724	17182	17443	17112	21963	18447
Other Piles	2469	3445	2174	4653	2776	4342	2784	2274	2777	7246
GUAM (Cont.)										
Landfill	1200	1144	1084	2125	1444	2433	2641	2472	304	2711
Other Piles	82	29	24	55	10	44	51	41	87	14
Total	1282	1173	1108	2180	1454	2477	2692	2513	391	2725
GUAM (Cont.)										
Landfill	144	1072	1246	1114	1852	3224	1708	1900	2141	1766
Other Piles	1342	7447	734	1023	418	1184	1131	1402	1567	1739
INDONESIA										
Landfill	2307	2445	3308	2190	3454	2051	2794	4453	4398	3541
Other Piles	17003	17231	12773	14131	14844	10691	20445	27444	24228	22441
Other Piles	542	447	284	796	106	524	147	1724	2144	111
Total	19852	19923	16365	16417	28404	22866	28444	32021	30870	25693
GUAM (Cont.)										
Landfill	11440	13763	15029	17447	18762	14434	22442	27775	31044	26444
Other Piles	1412	244	1140	1141	1521	2103	2444	777	1071	1292

Table 3.1.4 (Contd...)

Cargo Loaded (Tonnes) And Consignments Loaded Ports - By State

(2007-08)

Port/State	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
1	2	3	4	5	6	7	8	9	10	11
PONDICHERRY										
Other Ports	-	-	-	8	71	55	58	18	-	-
Total	-	-	-	8	71	55	58	18	-	-
Consignment	-	-	-	8	71	55	58	18	-	-
Consent	-	-	-	-	-	-	1	-	-	-
ANDHRA PRADESH										
Major Ports	17324	18728	18800	20087	21884	24016	25153	26881	28325	28540
Other Ports	2181	2728	2501	6253	4472	8575	6836	9664	14617	14136
Total	19505	21456	21301	26340	26356	32591	32000	36545	42942	42676
Consignment	8531	9563	8327	16014	14889	18327	21549	25788	33893	33306
Consent	1098	1265	1875	1916	1177	1864	1597	1451	1588	1841
ORISSA										
Major Ports	9883	10058	11084	10310	9886	21004	21406	24835	32643	34621
Other Ports	184	134	11	-	-	-	-	-	89	84
Total	10067	10192	11095	10310	9886	21004	21406	24835	32732	34705
Consignment	2887	3407	4429	3765	3364	18849	12101	13251	24687	15275
Consent	6827	6785	6666	6545	6522	12155	9305	11584	18046	19430
WEST BENGAL										
Major Ports	7187	1223	869	64	1074	1744	2173	3013	5376	3826
Other Ports	4007	4882	3952	6430	2664	1735	14227	12913	14476	12316
Total	6853	6105	4621	6494	3738	3479	16399	15926	19852	16142
Consignment	1869	2405	2090	2024	1186	1758	11379	10653	16181	14227
Consent	5087	4415	2531	4470	2552	1721	5020	5273	8291	2719
GOVT. OF APRA										
Other Ports	214	115	365	279	281	287	276	446	589	675
Total	214	115	365	279	281	287	276	446	589	675
Consignment	-	-	-	-	-	-	-	-	-	-
Consent	214	115	365	279	281	287	276	446	589	675
ALL INDIA										
Major Ports	88547	87281	100455	120511	149134	167321	179671	185664	248866	215188
Other Ports	27743	35779	35884	13525	46817	44875	34093	75664	106627	75567
Total	116290	123060	136339	134036	195951	212196	219764	261328	355493	290755
Consignment	64317	63706	80634	106888	141873	163702	152234	182543	248374	202773
Consent	45980	59354	55705	27148	54078	48494	67530	79081	118123	87982

Notes: 1) TONNAGE OF 1/2 TON AND ABOVE PORTS

2) Consignment includes 1/2 TON AND ABOVE PORTS

Table 8.2.1 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
1940-41	90.09	21.50	67.59	1.01	4.85	12.60	40.62	33.45	119.27
1941-42	91.78	32.25	72.61	8.97	7.38	15.87	45.95	36.58	117.88
1942-43	41.06	28.15	70.34	10.57	12.58	23.45	51.56	42.06	93.70
1943-44	38.20	28.07	67.87	19.41	15.10	21.51	52.21	44.17	96.50
1944-45	39.82	35.87	73.56	16.71	18.52	31.23	56.33	50.49	106.02
1945-46	45.62	36.73	82.56	22.18	14.91	37.07	67.58	51.84	119.62
1946-47	43.52	38.78	83.37	23.38	17.64	41.00	68.04	57.43	124.37
1947-48	48.55	40.16	90.10	25.35	21.11	44.50	73.94	61.38	134.69
1948-49	50.10	43.73	99.19	25.81	21.80	47.87	81.31	65.78	147.08
1949-50	54.13	45.28	98.09	25.72	21.46	48.18	80.05	66.72	147.57
1950-51	60.02	45.61	102.65	26.57	22.95	48.02	85.06	66.58	151.57
1951-52	59.81	41.68	104.80	28.28	23.10	61.84	86.57	60.37	166.64
1952-53	71.09	48.28	117.57	24.05	24.78	45.13	89.44	60.63	168.50
1953-54	70.02	53.46	124.70	24.01	24.71	42.52	108.13	78.19	179.02
1954-55	88.60	52.25	135.70	28.63	30.51	60.11	111.70	82.09	195.88
1955-56	64.39	57.24	137.13	31.75	31.32	63.11	126.85	98.06	215.21
1956-57	102.84	57.17	160.61	36.57	30.22	68.65	138.21	85.06	227.25
1957-58	117.63	67.29	179.08	38.55	30.41	71.50	155.85	95.88	251.88
1958-59	124.85	65.03	180.02	38.54	32.10	71.72	164.63	87.81	251.74
1959-60	133.50	58.63	190.43	48.57	31.62	81.64	185.72	84.25	271.97
1960-61	127.20	68.20	190.10	51.65	38.18	87.13	166.75	102.38	281.13
1961-62	130.12	76.77	205.08	47.03	33.85	83.65	177.15	110.43	287.58
1962-63	133.85	83.62	227.85	45.21	37.58	86.30	192.04	131.51	313.55
1963-64	145.13	110.06	265.70	45.51	37.45	86.01	196.00	148.14	344.00
1964-65	168.43	126.20	295.92	47.10	41.12	82.14	210.44	167.32	383.75
1965-66	186.48	133.24	322.12	44.12	45.23	90.15	245.70	179.87	425.57
1966-67	225.58	143.20	368.51	52.57	42.40	94.97	270.32	195.88	465.14
1967-68	253.18	155.76	410.62	57.40	42.00	100.28	310.85	205.06	510.31
1968-69	260.57	168.48	421.46	57.70	46.06	109.24	315.87	212.14	530.06

Table 3.2 Trend in Port-wise Cargo Traffic Handled at Major Ports

(in Million Tonnes)

Year	P O R T S													Total
	Mumbai	Kolkata	J.L. Nehru	Mormugao	N.Mangalore	Cochin	Tuticorin	Chennai	Ennore	Vishakhapatnam	Paradeep	Kuaitum (Andhra)		
1	2	3	4	5	6	7	8	9	10	11	12	13		14
1970-71	14.1	14.37	-	11.21	-	4.81	-	8.82	-	8.73	2.15	6.27		55.50
1975-76	3.20	18.51	-	12.77	0.34	4.28	1.35	7.88	-	0.55	5.33	7.37		65.08
1982-81	8.75	10.98	-	13.77	0.58	5.59	2.68	12.35	-	10.10	7.71	9.27		80.17
1981-82	9.65	18.40	-	15.88	1.54	5.50	7.87	11.41	-	10.80	2.29	5.47		87.58
1982-83	13.35	23.21	-	18.51	2.27	5.71	8.13	12.07	-	10.22	1.07	10.25		89.70
1983-84	14.18	27.68	-	12.84	2.84	5.00	7.57	12.84	-	9.58	1.27	10.01		103.38
1984-85	15.74	28.14	-	14.80	3.20	4.07	9.77	14.15	-	11.62	2.11	10.27		105.82
1985-86	16.43	21.31	-	15.17	2.80	5.15	4.72	13.75	-	15.07	3.33	12.13		119.57
1986-87	18.19	21.67	-	14.35	5.43	6.33	4.13	18.73	-	15.04	4.86	12.07		124.57
1987-88	10.58	20.57	-	13.89	8.11	6.00	4.25	22.07	-	15.37	5.19	12.67		134.60
1988-89	17.11	23.14	-	15.38	7.08	7.87	5.13	25.58	-	25.17	5.03	14.22		147.05
1989-90	14.52	27.75	0.75	14.17	7.28	7.15	5.78	21.94	-	21.12	6.14	21.03		147.57
1990-91	10.50	28.80	2.02	14.91	5.02	7.24	5.05	24.02	-	18.47	6.88	14.25		151.87
1991-92	21.50	28.28	7.79	15.10	8.27	7.48	5.47	25.05	-	21.52	7.50	18.00		155.64
1992-93	27.84	22.05	3.24	16.21	7.19	7.80	6.22	25.33	-	22.78	7.65	16.24		168.30
1993-94	24.50	30.61	9.32	18.77	5.63	7.82	6.70	32.64	-	25.55	8.83	18.50		179.02
1994-95	25.50	38.87	6.01	14.84	8.07	8.03	8.54	28.46	-	20.07	10.17	20.64		185.08
1995-96	21.74	33.92	5.57	10.08	8.88	11.50	9.95	50.72	-	32.82	11.28	21.57		215.21
1996-97	33.73	33.73	8.67	17.34	12.45	11.74	8.11	71.55	-	34.70	11.58	23.15		227.26
1997-98	28.50	32.10	0.60	21.15	13.73	12.81	0.96	35.57	-	38.01	12.35	28.74		258.05
1998-99	47.64	29.57	11.77	13.02	14.21	17.80	10.15	28.20	-	36.05	13.11	28.88		251.74
1999-00	48.30	30.41	14.28	10.70	17.50	12.64	6.88	57.44	-	38.51	18.64	31.05		271.57
2000-01	58.74	27.05	13.82	10.83	17.15	13.14	12.28	41.77	-	44.68	18.80	30.50		291.17
2001-02	37.75	26.43	27.82	22.92	17.59	17.05	18.02	38.13	1.43	44.34	21.12	30.42		287.51
2002-03	40.61	25.20	28.54	23.65	21.49	13.82	13.78	38.80	4.43	45.01	22.93	35.20		313.55
2003-04	41.52	30.00	31.75	25.87	25.07	18.57	15.88	36.71	9.28	47.74	25.31	41.28		344.50
2004-05	41.55	35.13	37.01	30.65	31.82	14.15	16.81	43.51	8.48	50.15	30.10	40.21		383.75
2005-06	45.81	44.19	37.64	31.05	34.85	17.83	17.17	47.25	2.75	55.70	33.11	53.14		429.67
2006-07	52.98	57.17	44.82	34.24	37.07	16.88	18.50	51.77	10.77	68.32	35.57	55.05		483.78
2007-08	74.92	67.04	55.84	35.18	38.02	15.51	21.47	61.16	11.55	84.00	42.44	67.33		619.91
2008-09	71.23	54.00	67.80	41.88	36.05	15.47	22.07	57.48	11.50	83.97	46.41	64.22		638.58

Table 2.3 Commodity-wise Cargo Traffic Handled at Major Ports

('000 Tonnes)

Year	Fertilizer (Grude & Products)	Fertilizer	Fertilizer Raw Material	Iron Ore	Coal	Food-grains	Others	Total
1	2	3	4	5	6	7	8	9
ALL PORTS								
1966-68	51087	4105	2750	20344	7023	1133	20046	118613
1966-67	53070	3507	4075	30829	5851	101	24272	124325
1967-68	65017	1617	2150	28748	12785	187	26580	134922
1968-69	67100	1542	6750	32738	13402	3383	28915	147001
1969-70	67260	2901	5155	33375	17010	1493	25158	147671
1970-71	64004	2378	2054	31804	16755	1029	26527	151881
1971-72	91625	3153	6767	32101	22401	1528	28250	156844
1972-73	78159	3825	6715	25827	24482	7785	26210	108497
1973-74	77255	4153	5781	34055	28509	1251	28414	175010
1974-75	80753	4354	6367	34554	30759	1943	27811	185580
1975-76	80825	5727	6504	31867	30780	3852	30116	215700
1976-77	87014	5288	8632	33390	37750	3250	40413	227357
1977-78	104323	1757	7614	36611	42225	2872	50044	257288
1978-79	107674	4717	7737	34547	43636	3853	48775	267728
1979-80	117074	5941	10707	30202	43139	3023	50867	277287
1980-81	107502	1522	10215	40450	54524	1078	62455	281131
1981-82	101757	3402	10480	46784	51753	3814	65420	287551
1982-83	105555	7501	10280	50559	53040	5516	70623	319513
1983-84	122181	2582	6944	68553	54358	6814	87874	344729
1984-85	135441	3542	10670	70201	60647	3638	102715	370755
1985-86	142504	6624	10816	73717	70027	2133	113927	403994
1986-87	146578	7520	11159	81984	77627	4620	145025	463725
1987-88	137135	11274	9405	92288	88895	7850	163045	519315
1988-89	124700	12471	3608	92682	75875	2401	167029	650824
KANDLA								
1966-68	12940	407	208	...	...	305	7071	15485
1966-67	11928	200	127	...	...	464	5475	13454
1967-68	15916	207	154	...	...	812	5472	15001
1968-69	13218	235	204	...	...	580	3651	17007
1969-70	14234	302	130	...	...	430	3102	15621
1970-71	5062	308	797	...	...	505	2001	15681
1971-72	74807	360	386	...	...	240	2257	21002
1972-73	77451	440	240	...	...	500	2488	27870
1973-74	12157	624	1747	...	...	320	3847	24500
1974-75	18892	705	1174	...	...	085	5080	26502
1975-76	24120	878	1102	...	...	7007	5087	30339
1976-77	25761	300	1335	...	...	1251	5017	33780
1977-78	28708	737	1500	...	...	1582	6187	33807
1978-79	30483	582	1023	...	736	1507	6516	40507
1979-80	34612	1005	1778	...	825	1000	7049	46300
1980-81	36554	471	1584	...	524	1272	7525	38771
1981-82	22700	611	2124	...	301	2504	5314	37728
1982-83	23014	516	2429	...	755	5145	2874	40333
1983-84	20020	502	2159	...	174	4514	40479	47523
1984-85	27120	678	2447	...	526	2535	13540	47907
1985-86	24287	1070	2459	2	434	1576	15381	45807
1986-87	28711	2040	1944	234	704	2704	10510	62582
1987-88	20725	3510	750	410	1170	1572	16548	61300
1988-89	45570	6190	258	120	1874	1662	14185	77224

Table 3.23 (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	38	121	...	-	206	7160	24913
1986-87	10219	238	985	...	-	427	7043	25074
1987-88	19354	174	552	...	-	672	8448	29505
1988-89	14073	152	1258	...	-	860	5921	26362
1989-90	18219	141	1052	...	-	473	7051	27745
1990-91	12679	15	621	...	-	625	5932	27782
1991-92	19572	37	457	...	-	349	5815	30201
1992-93	20302	32	828	...	-	641	7232	28048
1993-94	20500	57	845	...	-	763	5021	30506
1994-95	18539	0	057	...	-	676	10072	29379
1995-96	21138	105	795	...	-	1202	10029	33518
1996-97	18712	50	672	...	-	174	14175	33727
1997-98	18732	60	513	...	-	71	14453	32917
1998-99	18671	50	502	...	-	90	11587	30570
1999-00	19725	140	745	...	-	141	12587	30412
2000-01	15644	138	581	...	-	186	10536	27057
2001-02	15749	106	557	...	-	129	6247	20433
2002-03	18019	125	389	...	-	169	10190	28793
2003-04	18070	115	408	...	-	126	10771	28850
2004-05	16592	161	413	...	-	224	14392	35162
2005-06	27701	171	424	...	1544	68	13672	47450
2006-07	24282	132	337	...	2529	557	24220	52564
2007-08	37074	102	251	-	2572	582	18227	50705
2008-09	24371	132	210	-	3878	479	12704	31875
J. J. MEHRUN								
1980-81	-	518	040	-	...	-	656	2022
1981-82	-	623	820	-	...	-	1357	3194
1982-83	-	583	117	-	...	537	1728	3007
1983-84	-	656	25	-	...	775	2754	3587
1984-85	-	1157	125	-	...	-	3628	5015
1985-86	132	1718	179	648	...	58	4721	6572
1986-87	262	654	585	858	...	900	6434	8386
1987-88	581	861	72	657	...	355	8248	9782
1988-89	1271	756	93	551	...	410	8614	11722
1989-90	1412	827	084	10	...	655	12739	14908
1990-91	1511	243	145	-	...	-	16370	18575
2001-02	1747	265	62	-	-	30	20411	22571
2002-03	1588	85	205	-	-	-	24052	26544
2003-04	1630	95	115	-	-	-	20041	31180
2004-05	2450	-	97	-	-	-	10111	32502
2005-06	2546	-	301	-	-	-	30258	37594
2006-07	2875	-	2	-	-	-	42158	45035
2007-08	2488	-	-	-	-	-	59050	61538
2008-09	3651	-	-	-	-	-	52745	56396

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

Table 2.2.3 (Contd.) Commodity-wise Cargo Traffic Handled at Major Ports 1000 Tonnes

Year	FCR (Crude Oil Products)	Fertiliser	Fertiliser Raw Material	Iron Ore	Coal	Food- grains	Others	Total
1	2	3	4	5	6	7	8	9
MORMUGAO								
1955-56	945	108	-	14188	-	-	874	16115
1956-57	784	218	226	12472	-	-	200	13690
1957-58	1132	54	170	11207	-	-	224	12787
1958-59	1321	127	227	12572	-	41	227	15188
1959-60	1043	243	135	12410	15	12	287	14450
1960-61	1300	189	110	12586	24	-	206	14911
1961-62	1583	120	251	12517	31	-	300	15002
1962-63	1784	241	228	13607	107	4	370	16214
1963-64	2682	441	135	15748	109	15	475	18717
1964-65	1688	70	131	15688	413	-	875	18851
1965-66	1817	60	124	14628	585	-	465	18615
1966-67	1710	30	214	14935	325	-	820	17312
1967-68	1704	42	225	14751	407	-	582	17327
1968-69	1047	88	153	15101	874	-	287	16600
1969-70	1748	112	187	14001	1210	-	287	16735
1970-71	1050	124	115	10600	1027	-	882	13675
1971-72	1153	158	254	17800	2725	-	581	20069
1972-73	1128	158	341	10600	2617	-	541	20647
1973-74	1321	124	309	22848	2307	-	685	27874
1974-75	1010	122	407	24717	3774	-	640	30869
1975-76	823	120	577	20814	4125	-	511	31060
1976-77	785	220	304	28741	5881	-	2803	36741
1977-78	874	160	-	27028	4244	-	2436	35642
1978-79	1083	152	-	22808	1335	-	2506	41881
NEW MANGALORE								
1955-56	47	218	-	2200	-	-	187	2602
1956-57	537	50	-	5873	-	-	207	6467
1957-58	461	39	-	6377	-	-	187	7064
1958-59	871	48	-	5011	-	82	1304	7016
1959-60	577	115	47	5877	-	-	1015	7614
1960-61	812	43	85	5175	-	-	1102	6917
1961-62	622	141	179	3460	-	-	542	4844
1962-63	630	241	118	5882	-	208	782	7053
1963-64	648	105	131	7060	-	19	686	8049
1964-65	762	37	182	5080	-	-	684	6645
1965-66	557	205	110	5633	41	-	627	6473
1966-67	5788	222	163	5045	10	108	624	7753
1967-68	6553	242	208	6598	90	225	914	10702
1968-69	7188	175	215	5334	81	238	465	12001
1969-70	8451	172	217	6387	112	315	1332	17004
1970-71	10018	193	252	5177	220	-	1482	17801
1971-72	9807	245	148	5883	233	-	1442	17611
1972-73	13450	249	152	9439	200	-	1204	21495
1973-74	17254	255	141	5774	82	10	2542	26073
1974-75	21434	264	216	10275	314	10	1788	33091
1975-76	22022	662	227	6907	512	7	1342	31371
1976-77	21888	872	206	6245	1047	88	1532	31041
1977-78	21752	881	8	9251	1381	87	2382	35045
1978-79	21326	905	13	9774	1929	111	2521	36691

Table 3.2.3 (Contd...) Commodity-wise Cargo Traffic Handled at Major Ports [TNU Tonnes]

Year	FOI (Crude & Petroleum)	Fertiliser	Export Raw Material	Iron Ore	Coal	Food- Grains	Others	Total
1	2	3	4	5	6	7	8	9
COCHIN								
1985-86	3963	780	-	...	-	0	940	5777
1986-87	5133	130	734	...	-	16	563	6536
1987-88	5766	110	797	...	-	20	549	6942
1988-89	6380	120	545	...	-	175	693	7223
1989-90	5558	209	590	...	-	45	601	6393
1990-91	5034	181	594	...	-	40	506	5755
1991-92	5051	148	527	...	-	18	612	5746
1992-93	5272	138	488	...	-	20	730	5948
1993-94	5401	39	714	...	-	-	776	6220
1994-95	4625	26	216	...	-	-	1085	5952
1995-96	5445	104	330	...	-	8	1087	6974
1996-97	5275	154	756	...	118	32	1369	7644
1997-98	5513	189	628	...	131	164	1557	7282
1998-99	5685	77	623	...	157	223	1815	7373
1999-00	5685	62	815	...	150	95	2073	7385
2000-01	5881	52	594	...	178	72	2653	7330
2001-02	6590	107	529	...	32	71	2722	7951
2002-03	6058	97	534	...	147	77	2820	7633
2003-04	6800	121	403	...	142	-	2968	7534
2004-05	10077	71	487	...	219	-	3060	10804
2005-06	9041	61	340	...	199	-	3321	10662
2006-07	10475	78	500	...	279	184	2740	11676
2007-08	11200	23	277	27	240	8	3577	12825
2008-09	10482	163	255	-	200	-	4707	11907
TUTICORIN								
1986-87	137	451	473	...	2405	-	357	3273
1988-89	327	132	478	...	2502	-	381	3810
1989-90	354	105	370	...	2304	11	487	3231
1990-91	438	145	572	...	2381	408	687	3431
1991-92	478	434	331	...	2428	158	1038	4337
1992-93	470	380	327	...	2521	110	1245	4753
1993-94	466	302	442	...	3115	70	1437	5332
1994-95	510	378	431	...	3102	130	1545	5596
1995-96	403	256	312	...	3037	29	1857	5595
1996-97	417	221	367	...	4405	-	2415	6020
1997-98	434	417	370	...	5210	13	2428	6062
1998-99	445	328	304	...	5121	121	2451	6270
1999-00	459	512	311	...	5570	140	2558	6990
2000-01	441	415	349	...	5224	134	3040	7158
2001-02	532	423	397	...	4765	185	3898	8803
2002-03	480	382	364	...	3255	140	4185	7266
2003-04	480	324	378	5	5857	405	5117	7267
2004-05	452	147	350	-	5515	304	5537	7308
2005-06	558	177	653	-	5730	317	3764	7302
2006-07	743	207	944	47	6001	130	7364	8092
2007-08	774	484	1167	-	7240	81	7411	9657
2008-09	625	678	752	-	5305	54	10242	12406
2009-10	444	1568	822	-	6173	443	12751	21498
2010-11	503	147	677	-	6547	195	13442	22011

Table 3.2.8 (Contd.) Commodity-wise Cargo Traffic Handled at Major Ports (‘000 tonnes)

Year	PUL (Crude & Petroleum)	Fertiliser	Foodstuffs & Mineral	Iron Ore	Coal	Food- grains	Others	Total
1	2	3	4	5	6	7	8	9
CHENNAI								
1955-56	9451	709	279	1795	704	120	2542	18745
1956-57	8774	925	259	5364	791	18	5998	18775
1957-58	7397	575	717	5405	1889	45	7461	22915
1958-59	8186	770	835	5748	2512	474	9256	23892
1959-60	8455	422	911	5845	3343	137	9528	23841
1960-61	9102	501	547	5545	4359	85	10716	24018
1961-62	8649	544	292	5402	5567	77	10631	25049
1962-63	9030	582	271	4033	3589	242	11718	25557
1963-64	9163	668	702	4590	3557	39	10756	26541
1964-65	11947	734	409	5174	6170	10	14818	29181
1965-66	11410	699	374	4964	7530	32	15475	30721
1966-67	11792	570	343	4985	8748	107	15056	31548
1967-68	11555	640	428	4533	10459	182	15715	33551
1968-69	10625	712	121	5445	11544	151	15844	36262
1969-70	10173	751	479	6358	12777	227	16942	37445
2000-01	5825	459	714	7240	14538	184	15912	41220
2001-02	6475	479	638	7462	18776	3	16973	38115
2002-03	6845	420	497	7545	18118	=	17071	38657
2003-04	6280	417	470	8259	18131	70	17205	38710
2004-05	11422	572	454	8816	7611	90	14197	43073
2005-06	19113	711	414	9527	10776	-	16414	47249
2006-07	17907	664	329	11871	5315	60	24666	53414
2007-08	12719	581	705	10751	9878	64	23597	57134
2008-09	19137	570	267	8846	8816	27	20590	57467
ENNGORE								
2001-02	-	-	-	-	5401	-	-	5401
2002-03	-	-	-	-	5405	-	-	5405
2003-04	-	-	-	-	3277	-	-	3277
2004-05	134	-	-	520	5884	-	-	6498
2005-06	244	-	-	637	5387	-	-	6152
2006-07	158	-	-	1724	5802	-	-	7574
2007-08	319	-	-	2180	9051	-	3	11553
2008-09	368	-	-	1151	5702	-	745	7000
VISAKHAPATNAM								
1955-56	6274	224	675	5727	1797	52	1121	12911
1956-57	5367	104	540	5621	1876	737	1504	15065
1957-58	5585	106	677	5901	2516	54	1321	15555
1958-59	6867	145	701	6992	2810	738	1322	20372
1959-60	6628	410	1115	6781	4224	113	1838	21117
1960-61	6595	408	1250	5496	4388	-	1658	19425
1961-62	8334	504	1325	6161	6543	27	1413	21927
1962-63	7587	404	1938	4580	8127	71	2301	22786
1963-64	7402	682	1090	5770	6524	40	4423	25349
1964-65	11737	780	1357	6561	7177	3	3140	30028
1965-66	12076	1104	1236	5710	8701	315	3657	32517
1966-67	13422	486	1172	6270	8367	425	4043	34188
1967-68	17116	1031	1214	8260	9694	3011	5771	39014
1968-69	12568	1834	1224	7738	8100	361	8368	35654
1969-70	15781	7172	1162	7626	9534	261	5967	38710
2000-01	18430	526	901	9288	12105	173	2850	44683
2001-02	18251	206	1035	8150	10677	703	3165	40714
2002-03	16054	716	902	10453	9958	2155	4847	49000
2003-04	15417	538	841	12370	8380	1453	5901	47780
2004-05	16620	1367	1074	18587	10097	875	6670	50143
2005-06	15911	2280	1825	18170	12187	545	6350	50801
2006-07	16178	2618	1265	14710	11401	950	7162	56785
2007-08	15623	4572	715	18548	11157	475	10825	64507
2008-09	19758	3408	726	17519	11020	527	10950	63908

Table 3.2.3 (Contd...) Commodity-wise Cargo Traffic Handled at Major Ports (000 Tonnes)

Year	POC (Crude & Petroleum)	Fertiliser	Fertiliser Raw Material	Iron Ore	Coal	Food- grains	Others	Total
1	2	3	4	5	6	7	8	9
PARADIP								
1962-65	-	183	50	1805	884	-	409	3031
1964-67	-	31	494	2073	1511	-	758	4856
1967-68	-	0	470	1705	2305	-	804	5184
1968-69	-	-	848	172	2594	53	1262	6169
1969-70	-	157	301	2559	2708	3	965	6194
1970-71	-	103	504	1749	2814	11	903	6514
1971-72	21	87	773	1624	2854	1	295	7227
1972-73	126	142	647	1340	4542	3	731	7575
1973-74	345	102	534	1618	4845	Neg.	692	8037
1974-75	388	125	541	1821	5815	-	1214	10721
1975-76	1025	134	265	1891	5909	20	1463	11239
1976-77	1093	102	483	1891	6573	26	1158	11090
1977-78	1737	118	1036	1435	7887	-	1046	12802
1978-79	2207	28	1127	797	7154	12	911	13108
1979-80	2218	55	1374	1525	7755	-	1700	15880
2000-01	2219	-	2370	2640	10787	-	1722	15000
2001-02	1958	-	3421	3558	10722	-	1448	21151
2002-03	1023	-	3055	4779	17722	-	2022	25401
2003-04	1365	-	2215	6524	14087	-	1767	25211
2004-05	819	-	2415	8051	14208	-	2597	30124
2005-06	810	-	2088	10279	18257	-	3143	33159
2006-07	1070	59	4172	11850	17130	-	2905	38117
2007-08	1065	158	3772	12020	15932	-	7302	42417
2008-09	3540	173	3787	14272	20182	-	5188	45412
KOLKATA/HALDIA								
1975-76	8058	471	300	-	2019	-	7678	12128
1976-77	5742	571	232	-	2481	75	3184	12012
1977-78	5817	182	268	-	3182	118	3450	15011
1978-79	5458	285	287	-	2305	447	3772	14229
1979-80	5478	364	385	-	4178	120	3910	14584
1980-81	7267	237	657	-	4124	92	2782	14550
1981-82	7003	275	479	-	4871	60	2828	15700
1982-83	8045	313	527	-	5090	117	3377	18237
1983-84	8592	224	282	-	6138	103	3751	18458
1984-85	9231	150	413	-	6261	25	4375	20535
1985-86	10272	162	514	-	5022	107	4003	21515
1986-87	10907	73	558	-	7140	17	4547	23174
1987-88	14237	85	630	-	7741	42	5595	28727
1988-89	15748	119	658	-	7454	133	5548	26007
1989-90	19463	130	754	-	5090	80	8718	31030
2000-01	14217	202	1043	374	5005	21	8118	35000
2001-02	13855	206	957	1700	7360	55	5502	33403
2002-03	19765	390	1027	2584	8523	7	6520	35804
2003-04	20270	250	884	2526	7894	87	8428	41280
2004-05	23503	174	787	6384	2505	84	8072	46207
2005-06	28501	324	1104	8087	10283	44	10408	52143
2006-07	22777	470	372	8109	8754	50	13527	52760
2007-08	22288	354	370	10150	7172	8	10722	57324
2008-09	19406	318	251	8738	7546	58	15077	54220

Table 3.2.4 Trend in Type-wise Cargo Traffic Handled at Major Ports

(1000 tonnes)

PORT/YEAR	Domestic			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									
1985-86	21658	4358	26016	4247	110	4357	25678	4468	30139
1986-87	24280	4331	28611	4007	132	4139	29247	4493	33740
1987-88	20755	3702	24457	3236	173	3409	26121	3280	29401
1988-89	31628	4022	35650	4831	167	4998	38457	4180	42637
1989-90	34700	3402	38102	7535	283	7818	42835	3668	46503
1990-91	26704	4406	31110	5263	507	5770	31854	4727	36581
1991-92	26434	6856	33290	3680	818	4498	30024	7704	37728
1992-93	26265	9377	35642	3384	267	3651	30250	10374	40624
1993-94	27508	9207	36715	3300	1102	4402	31214	10309	41523
1994-95	28328	8952	37280	3670	090	3760	32006	9545	41551
1995-96	31579	9457	41036	4215	718	4933	35731	10176	45907
1996-97	39801	10854	50655	4645	1052	5697	41245	11736	52981
1997-98	43681	14822	58503	4813	1833	6646	48004	18516	66520
1998-99	60060	14014	74074	3537	4010	7547	60200	18024	78224
MUMBAI									
1985-86	15960	6722	22682	330	10874	11204	17320	10596	27916
1986-87	18054	6686	24740	316	8781	9097	18370	13357	31727
1987-88	17824	5824	23648	1620	6865	8485	12307	12790	25097
1988-89	17548	5070	22618	1613	6731	8344	12166	11804	23970
1989-90	17512	5672	23184	2879	6082	8961	20801	10021	30822
1990-91	14788	3885	18673	2160	6511	8671	12956	12104	25060
1991-92	14500	3173	17673	2752	5763	8515	17310	2123	19433
1992-93	14588	3464	18052	1821	6023	7844	16102	15387	21489
1993-94	17496	3619	21115	1558	7424	8982	15052	19643	34695
1994-95	19165	4213	23378	3878	7813	11691	23081	12128	35209
1995-96	25049	4222	29271	1818	13101	14919	20067	17023	37090
1996-97	30411	5702	36113	3656	7505	11161	33067	17287	50354
1997-98	31509	5439	36948	13207	7060	20267	44540	12498	57038
1998-99	28210	4501	32711	14705	4370	19075	42910	0901	51811
J.L.NEHRU									
1985-86	4314	2569	6883	-	-	-	4314	2569	6883
1986-87	4150	3021	7171	623	-	623	4808	3207	8015
1987-88	6052	3418	9470	325	604	925	5373	3522	8895
1988-89	6553	4207	10760	565	48	613	7418	4302	11720
1989-90	8193	5934	14127	560	72	632	9070	5032	14102
1990-91	9120	7644	16764	1491	220	1711	10611	7954	18565
1991-92	11174	9168	20342	1748	493	2241	12820	6801	19621
1992-93	11287	13415	24702	1631	781	2412	12835	14178	27013
1993-94	12984	15437	28421	1830	900	2730	14794	16206	31000
1994-95	14591	16437	31028	2017	735	2752	16833	15175	32008
1995-96	17440	17486	34926	2074	325	2400	19518	18320	37838
1996-97	26694	21047	47741	2278	408	2686	29270	21545	50815
1997-98	26727	26010	52737	2707	360	3067	29434	28404	57838
1998-99	25880	20241	46121	2288	2859	5147	28168	20120	48288

Table 8.2.4 (Contd.) Trend in Type-wise Cargo Traffic Handled at Major Ports (000 tonnes)

PORT/NEAR	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	15148	17480	403	183	513	2810	15274	18085
1996-97	1156	15260	16416	785	101	636	1951	15351	17312
1997-98	1122	15114	16236	633	83	546	1978	15094	17102
1998-99	1778	15325	17114	101	125	306	2550	15481	18020
1999-00	2278	14784	17062	1019	145	1164	3207	14924	18126
2000-01	2568	15513	18071	1432	125	1267	3600	15038	18628
2001-02	3564	18153	21717	1055	156	1211	4812	18304	23125
2002-03	3379	19078	22455	1031	193	1164	4380	18782	23162
2003-04	3241	23398	26637	1227	80	1307	4468	21706	27874
2004-05	4784	24741	29525	847	287	1134	5631	25020	30552
2005-06	5619	25235	30854	556	356	914	6071	26514	31583
2006-07	6438	26882	33314	624	298	921	7160	27191	34341
2007-08	6647	27535	34180	658	404	1062	7185	27843	35023
2008-09	6335	34256	40590	617	414	1031	7012	34068	41080
NEW MANGALORE									
1995-96	1077	6528	7605	204	479	1279	1303	7301	8604
1996-97	4202	5325	10037	277	2018	2266	4479	7974	12453
1997-98	5523	6441	12264	276	2743	3018	6008	9184	15202
1998-99	4521	5190	9711	340	2107	2405	6220	7777	10203
1999-00	7577	5911	13060	476	3237	3713	8453	8146	17001
2000-01	9277	6319	13576	553	3582	4315	9190	6701	17881
2001-02	1021	6720	13044	1433	3024	4457	8757	6744	17001
2002-03	9123	7043	17260	1799	2995	4181	10692	13030	21430
2003-04	10783	11026	21419	2854	3600	5254	13017	13620	26633
2004-05	11277	14207	25484	4235	4172	8407	15512	15379	33891
2005-06	12670	14330	26900	3940	5800	9540	18519	17832	34451
2006-07	13367	11322	24680	4555	5095	9650	17822	14120	32042
2007-08	18908	13255	32043	2802	3139	6071	19625	10354	35010
2008-09	18760	13871	32631	3204	2856	6060	19804	16727	36531
COCCHIN									
1996-96	3372	1184	4556	3900	1124	5767	6126	2376	11500
1998-97	4497	1190	5687	4390	1060	5060	9487	2255	11740
1997-98	5117	1030	6145	4304	1634	5838	9781	2542	12323
1998-99	6188	962	7120	4083	1478	5561	10254	2430	12681
1999-00	5183	983	6163	7146	1312	8458	10936	2205	12641
2000-01	6270	1072	7300	4783	1015	5794	11061	2088	13144
2001-02	5013	1214	6229	4279	751	5030	10304	1986	12050
2002-03	7230	1103	8338	3669	1517	4689	10506	2126	12631
2003-04	8174	1056	9230	2844	598	3742	11512	2554	13572
2004-05	8324	2027	10351	2625	1126	3752	10930	2153	14100
2005-06	8307	1700	9782	2851	1135	4006	10568	2020	12588
2006-07	8313	1903	10213	2872	1560	4441	11780	2472	15257
2007-08	8528	2130	10650	3650	1461	5111	12180	2321	15500
2008-09	8542	1747	11080	3440	964	4404	12782	2711	16494

Table 3.8.4 (2013/14) 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									
1955-56	2705	1312	4100	6107	15	5188	7855	1331	9285
1956-57	1754	1545	3299	5077	18	5095	6811	1655	8474
1957-58	2787	1642	4429	5623	18	5641	8414	1690	9874
1958-59	3341	1629	4970	5144	35	5180	8425	1635	10150
1959-60	3732	2025	5751	4202	30	4232	7934	2055	8989
2000-01	3686	2396	6081	6105	40	6234	9838	2445	12284
2001-02	4684	3147	7831	5717	65	5778	8811	3200	12017
2002-03	3850	3650	7500	5514	40	5554	9554	3730	13284
2003-04	4201	3470	7671	5833	84	5917	10184	3484	13678
2004-05	5024	3655	8679	6036	85	6122	12050	3751	15811
2005-06	5508	3658	9166	6506	108	6614	13375	3754	17139
2006-07	7095	4302	11397	6807	137	6944	13502	4439	18001
2007-08	9824	5515	15339	6648	408	6741	16172	6038	21420
2008-09	11242	5070	16312	5128	571	5699	16370	5846	22216
CHENNAI									
1955-56	11653	9259	20852	8743	1009	9752	20433	10228	30721
1956-57	11806	8720	20521	10850	1187	11517	21053	9875	31818
1957-58	12756	13165	25925	11289	1047	12346	24020	11507	35531
1958-59	12751	9217	21948	12950	884	13834	25001	12713	36200
1959-60	12850	9835	22678	13732	1579	14687	28452	11032	37443
2000-01	13107	11587	24757	16733	733	16486	28820	12300	41220
2001-02	12682	11952	24630	10408	5023	11461	23140	12976	36115
2002-03	12003	13117	25120	7603	584	8587	18066	14581	32887
2003-04	13807	15349	29156	6485	1550	7554	20302	16408	36710
2004-05	18552	17273	35825	5793	1728	7551	24745	19061	43806
2005-06	23247	18084	41311	3850	1981	5831	27203	20045	47248
2006-07	29195	21337	47532	4054	1315	5292	30758	22553	53414
2007-08	28528	23852	52386	4353	255	5059	32809	24235	57154
2008-09	30028	21965	52011	4517	395	5480	34615	22845	57401
ENNORE									
2001-02	-	-	-	3401	-	3401	3401	-	3401
2002-03	-	-	-	8485	-	8485	8485	-	8485
2003-04	-	-	-	9277	-	9277	9277	-	9277
2004-05	122	520	642	5835	-	6036	8960	520	9480
2005-06	1056	537	1603	7555	-	7606	8631	537	9168
2006-07	651	1724	2377	2857	-	3557	3850	1724	10714
2007-08	1212	2193	3402	5151	-	6161	6875	2790	11568
2008-09	1640	1511	3059	2541	-	3541	10389	1111	11500
VISAKHAPATNAM									
1955-56	14694	7155	21249	3517	2051	11588	17611	15206	32817
1956-57	15807	7213	23050	5467	6041	11445	21214	12234	33495
1957-58	15855	6787	22682	5341	7306	13352	21808	14180	36014
1958-59	18033	8779	26812	5070	7172	13242	22103	13591	35694
1959-60	19370	9259	28629	5772	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
1993-94	16107	8170	24277	10002	13000	23008	26199	18129	44325
1994-95	18031	8037	27068	9403	7871	17274	27438	10908	44344
1995-96	17148	11304	28452	8676	6886	17464	25724	20282	46006
1996-97	18362	13200	31562	7079	8079	10054	28387	21339	47726
1997-98	20802	15824	36626	4630	8892	13522	29732	24816	54548
1998-99	25055	16073	41128	5928	16075	15671	30651	26130	56781
1999-00	26875	17554	44429	5682	12178	17856	32555	23930	56485
2000-01	28145	16742	44887	6590	13120	19710	35875	28922	64797
2001-02	29200	14158	43358	6490	11080	20570	36690	28246	64936
PARADIP									
1985-86	4105	2200	6305	85	4059	4024	4300	7050	11259
1986-87	3703	1819	5521	128	3832	6020	3058	7721	11550
1987-88	4379	1578	6055	109	7138	7247	3488	8814	10302
1988-89	3939	1340	5282	588	7258	7846	4507	8837	13348
1989-90	4237	1800	6170	508	5327	7449	4776	8980	13639
1990-91	5015	3783	8808	800	5250	10062	6848	13052	19900
1991-92	5742	4415	10157	620	10064	10684	6632	14169	21581
1992-93	5814	5786	11600	1077	11124	12201	6901	10810	23901
1993-94	5886	7254	13150	806	11350	12156	6706	15006	25911
1994-95	7831	10346	18680	507	11017	11524	8028	21586	20104
1995-96	10850	12101	20051	474	9554	10058	11423	21586	20108
1996-97	12526	13061	26777	238	10904	11740	13062	24556	20577
1997-98	13103	14783	28886	1751	10750	12541	16364	25583	42437
1998-99	16482	15101	33663	1132	11340	12749	19291	28521	40412
KOLIKATA/HALDIA									
1985-86	12228	1922	14505	2032	4678	7410	16115	2400	21516
1986-87	13506	1906	15411	2723	4050	7713	16223	1890	22124
1987-88	16757	2247	19004	2902	8251	11153	19350	2090	26157
1988-89	16887	1707	20094	2578	8117	10695	21583	7024	29387
1989-90	22350	1803	24153	2688	4227	6073	24098	6390	31008
1990-91	30254	2456	32810	2025	4418	7341	33179	6321	39000
1991-92	20887	3740	24437	2275	3891	5966	22572	7431	30403
1992-93	22008	5252	27261	4371	4092	8463	26480	8214	35394
1993-94	25300	7134	32434	4856	3880	8743	30298	11024	41260
1994-95	26289	8788	35077	3068	4213	8121	32308	13031	45307
1995-96	32346	11670	44016	4302	1728	6030	38778	10400	53143
1996-97	34094	12852	47447	3721	3952	7673	38315	16736	55050
1997-98	36761	15151	50912	3280	3137	6417	39041	18268	57309
1998-99	32020	17827	47487	3752	3280	7032	39670	17547	54920

Table 3.2A (Contd.) **Traffic 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									
1986-87	94558	57243	150101	31750	31317	63107	126308	88550	215206
1987-87	102838	57772	160610	33371	32077	65448	136207	90850	227257
1987-88	117425	62254	179679	35549	33430	71978	153074	99384	251658
1988-89	124985	55002	180518	35544	32178	71720	160520	87208	251728
1989-90	133708	50333	190491	48822	31614	81530	183720	80247	271587
2000-01	127208	93202	193405	51547	38179	87720	178750	102381	281131
2001-02	132117	75774	206891	47029	33681	80690	177148	110435	287583
2002-03	133829	88522	207351	48205	37591	85202	182037	121516	313553
2003-04	148130	110068	258198	45634	37477	83011	193841	142135	344759
2004-05	160418	123189	295317	47016	41122	88128	218474	167321	383755
2005-06	195478	133540	333192	44221	46225	90445	243807	178577	423588
2006-07	225548	143267	395205	52576	42400	94677	278123	185008	463131
2007-08	255181	166758	418919	67450	42801	100354	317951	200562	510513
2008-09	260971	165430	427400	67627	45917	103344	316888	212139	530001

Table 3.2.5 Container Traffic Handled at Major Ports

(In Million Tonnes)

Year	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
1	2	3	4	5	6	7	8	9	10	11	12	13
1. LOADED												
i) Indian Lines	0.37	0.92	1.04	1.71	1.89	2.45	2.81	2.91	3.16	2.72	2.03	1.93
ii) Foreign Lines	11.02	11.33	13.09	14.96	17.32	21.28	24.45	26.91	27.74	35.45	44.16	41.15
iii) Total	12.70	12.25	14.10	16.67	19.21	23.73	27.26	29.82	30.90	38.17	46.19	43.08
2. UNLOADED												
i) Indian Lines	0.82	0.85	0.83	1.58	1.91	2.01	2.39	2.67	3.12	4.53	2.23	1.18
ii) Foreign Lines	9.70	11.02	12.87	14.09	19.13	17.86	21.29	23.90	27.86	33.76	43.83	45.39
iii) Total	10.52	11.87	13.70	15.67	21.04	19.87	23.68	26.57	31.08	38.30	46.06	46.57
3. Total												
i) Indian Lines	1.19	1.77	1.87	3.29	3.80	4.46	5.20	5.58	6.28	7.25	4.26	3.11
ii) Foreign Lines	21.52	22.35	25.96	29.05	36.45	39.14	45.74	50.81	55.70	69.21	87.99	86.54
iii) Total	22.71	24.12	27.83	32.34	39.25	43.60	50.94	56.39	61.98	76.46	92.25	89.65
4. General Cargo (Break Bulk & Container)	38.37	34.66	43.04	45.37	52.92	62.47	69.77	72.90	82.85	87.40	123.76	125.71
% of Container Cargo to general cargo	88.30	80.80	84.70	89.20	71.40	87.80	73.10	75.60	74.80	75.40	74.82	77.80

Table 2.2.8

Tonnage by Material Type, Material, and Material Point

(in Tons/Tonnes)

Item	Quartz	Marble	J.L. Marble	Normal granite	Highway base	Gravel	Total Gravel	Channel	Wettable material	Formed	Highway base	Highway base	Gravel
1	2	3	4	5	6	7	8	9	10	11	12	13	14
LOADED													
1985-86	55	201	200	15		64	49	70	49		400	40	625
1986-87	14	300	200	25		715	400	400	11		1072	20	1445
1987-88	50	300	200	30		714	30	40	3		106	200	1230
1988-89	104	300	200	30		702	30	40	34		912	200	1230
1989-90	700	200	200	34		100	125	200	412		600	200	1450
1990-91	604	100	200	34	400	1042	340	2000	104		910	400	1630
1991-92	100	100	200	44	10	1042	410	1000	104		200	400	1630
1992-93	100	100	200	44	10	1042	410	1000	104		200	400	1630
1993-94	100	100	200	44	10	1042	410	1000	104		200	400	1630
1994-95	100	100	200	44	10	1042	410	1000	104		200	400	1630
1995-96	100	100	200	44	10	1042	410	1000	104		200	400	1630
1996-97	100	100	200	44	10	1042	410	1000	104		200	400	1630
1997-98	100	100	200	44	10	1042	410	1000	104		200	400	1630
1998-99	100	100	200	44	10	1042	410	1000	104		200	400	1630
1999-00	100	100	200	44	10	1042	410	1000	104		200	400	1630
2000-01	100	100	200	44	10	1042	410	1000	104		200	400	1630
2001-02	100	100	200	44	10	1042	410	1000	104		200	400	1630
2002-03	100	100	200	44	10	1042	410	1000	104		200	400	1630
2003-04	100	100	200	44	10	1042	410	1000	104		200	400	1630
2004-05	100	100	200	44	10	1042	410	1000	104		200	400	1630
2005-06	100	100	200	44	10	1042	410	1000	104		200	400	1630
2006-07	100	100	200	44	10	1042	410	1000	104		200	400	1630
2007-08	100	100	200	44	10	1042	410	1000	104		200	400	1630
2008-09	100	100	200	44	10	1042	410	1000	104		200	400	1630
2009-10	100	100	200	44	10	1042	410	1000	104		200	400	1630
2010-11	100	100	200	44	10	1042	410	1000	104		200	400	1630
2011-12	100	100	200	44	10	1042	410	1000	104		200	400	1630
2012-13	100	100	200	44	10	1042	410	1000	104		200	400	1630
2013-14	100	100	200	44	10	1042	410	1000	104		200	400	1630
2014-15	100	100	200	44	10	1042	410	1000	104		200	400	1630
2015-16	100	100	200	44	10	1042	410	1000	104		200	400	1630
2016-17	100	100	200	44	10	1042	410	1000	104		200	400	1630
2017-18	100	100	200	44	10	1042	410	1000	104		200	400	1630
2018-19	100	100	200	44	10	1042	410	1000	104		200	400	1630
2019-20	100	100	200	44	10	1042	410	1000	104		200	400	1630
2020-21	100	100	200	44	10	1042	410	1000	104		200	400	1630
2021-22	100	100	200	44	10	1042	410	1000	104		200	400	1630
2022-23	100	100	200	44	10	1042	410	1000	104		200	400	1630
2023-24	100	100	200	44	10	1042	410	1000	104		200	400	1630
2024-25	100	100	200	44	10	1042	410	1000	104		200	400	1630
2025-26	100	100	200	44	10	1042	410	1000	104		200	400	1630
2026-27	100	100	200	44	10	1042	410	1000	104		200	400	1630
2027-28	100	100	200	44	10	1042	410	1000	104		200	400	1630
2028-29	100	100	200	44	10	1042	410	1000	104		200	400	1630
2029-30	100	100	200	44	10	1042	410	1000	104		200	400	1630
2030-31	100	100	200	44	10	1042	410	1000	104		200	400	1630
2031-32	100	100	200	44	10	1042	410	1000	104		200	400	1630
2032-33	100	100	200	44	10	1042	410	1000	104		200	400	1630
2033-34	100	100	200	44	10	1042	410	1000	104		200	400	1630
2034-35	100	100	200	44	10	1042	410	1000	104		200	400	1630
2035-36	100	100	200	44	10	1042	410	1000	104		200	400	1630
2036-37	100	100	200	44	10	1042	410	1000	104		200	400	1630
2037-38	100	100	200	44	10	1042	410	1000	104		200	400	1630
2038-39	100	100	200	44	10	1042	410	1000	104		200	400	1630
2039-40	100	100	200	44	10	1042	410	1000	104		200	400	1630
2040-41	100	100	200	44	10	1042	410	1000	104		200	400	1630
2041-42	100	100	200	44	10	1042	410	1000	104		200	400	1630
2042-43	100	100	200	44	10	1042	410	1000	104		200	400	1630
2043-44	100	100	200	44	10	1042	410	1000	104		200	400	1630
2044-45	100	100	200	44	10	1042	410	1000	104		200	400	1630
2045-46	100	100	200	44	10	1042	410	1000	104		200	400	1630
2046-47	100	100	200	44	10	1042	410	1000	104		200	400	1630
2047-48	100	100	200	44	10	1042	410	1000	104		200	400	1630
2048-49	100	100	200	44	10	1042	410	1000	104		200	400	1630
2049-50	100	100	200	44	10	1042	410	1000	104		200	400	1630
2050-51	100	100	200	44	10	1042	410	1000	104		200	400	1630
2051-52	100	100	200	44	10	1042	410	1000	104		200	400	1630
2052-53	100	100	200	44	10	1042	410	1000	104		200	400	1630
2053-54	100	100	200	44	10	1042	410	1000	104		200	400	1630
2054-55	100	100	200	44	10	1042	410	1000	104		200	400	1630
2055-56	100	100	200	44	10	1042	410	1000	104		200	400	1630
2056-57	100	100	200	44	10	1042	410	1000	104		200	400	1630
2057-58	100	100	200	44	10	1042	410	1000	104		200	400	1630
2058-59	100	100	200	44	10	1042	410	1000	104		200	400	1630
2059-60	100	100	200	44	10	1042	410	1000	104		200	400	1630
2060-61	100	100	200	44	10	1042	410	1000	104		200	400	1630
2061-62	100	100	200	44	10	1042	410	1000	104		200	400	1630
2062-63	100	100	200	44	10	1042	410	1000	104		200	400	1630
2063-64	100	100	200	44	10	1042	410	1000	104		200	400	1630
2064-65	100	100	200	44	10	1042	410	1000	104		200	400	1630
2065-66	100	100	200	44	10	1042	410	1000	104		200	400	1630
2066-67	100	100	200	44	10	1042	410	1000	104		200	400	1630
2067-68	100	100	200	44	10	1042	410	1000	104		200	400	1630
2068-69	100	100	200	44	10	1042	410	1000	104		200	400	1630
2069-70	100	100	200	44	10	1042	410	1000	104		200	400	1630
2070-71	100	100	200	44	10	1042	410	1000	104		200	400	1630
2071-72	100	100	200	44	10	1042	410	1000	104		200	400	1630
2072-73	100	100	200	44	10	1042	410	1000	104		200	400	1630
2073-74	100	100	200	44	10	1042	410	1000	104		200	400	1630
2074-75	100	100	200	44	10	1042	410	1000	104		200	400	1630
2075-76	100	100	200	44	10	1042	410	1000	104		200	400	1630
2076-77	100	100	200	44	10	1042	410	1000	104		200	400	1630
2077-78	100	100	200	44	10	1042	410	1000	104		200	400	1630
2078-79	100	100	200	44	10	1042	410	1000	104		200	400	1630
2079-80	100	100	200	44	10	1042	410	1000	104		200	400	1630
2080-81	100	100	200	44	10	1042	410	1000	104		200	400	1630
2081-82	100	100	200	44	10	1042	410	1000	104		200	400	1630
2082-83	100	100	200	44	10	1042	410	1000	104		200	400	1630
2083-84	100	100	200	44	10	1042	410	1000	104		200	400	1630
2084-85	100	100	200	44	10	1042	410	1000	104		200	400	1630
2085-86	100	100	200	44	10								

Table 3.2.7 Passenger Traffic at Major Ports

(In '000)

Port/Year	CHennai			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									
1982-83	19.3	8.0	27.3	-	-	-	19.3	8.0	27.3
1983-84	7.2	0.6	7.8	-	-	-	-	-	-
1984-85	7.0	12.0	19.0	31.3	25.9	57.2	38.3	39.2	77.5
1985-86	5.0	12.8	17.8	31.4	34.4	65.8	40.4	47.0	87.4
1986-87	3.2	0.4	3.6	26.2	34.0	60.2	29.4	42.4	71.8
1987-88	4.8	12.5	17.3	22.9	28.4	51.3	27.7	40.9	68.6
1988-89	4.6	2.8	7.4	6.3	7.0	13.3	8.8	10.4	19.2
1989-90	3.4	1.5	4.9	1.3	3.6	4.9	4.7	5.0	9.7
2000-01	4.8	7.7	12.5	0.3	5.0	5.3	5.1	12.7	17.8
2001-02	3.2	4.3	7.5	0.3	-	0.3	3.5	4.8	8.3
2002-03	3.8	2.8	6.6	-	-	-	3.8	2.8	6.6
2003-04	1.7	1.8	3.5	-	-	-	1.7	1.8	3.5
2004-05	0.7	0.6	1.3	0.8	0.8	1.6	1.6	1.3	2.9
2005-06	0.3	0.9	1.2	49.6	41.5	91.1	49.9	42.4	92.3
2006-07	1.3	0.9	2.2	51.7	70.0	121.7	53.0	79.3	132.3
2007-08	1.3	0.6	1.9	51.8	78.8	130.6	53.1	79.9	133.0
2008-09	1.8	0.8	2.6	12.9	13.0	25.9	14.6	14.1	28.7
COCHIN									
1982-83	4.3	4.4	8.7	27.4	28.1	55.5	31.7	32.5	64.2
1983-84	1.2	1.0	2.2	20.0	31.0	51.0	28.5	32.0	60.5
1984-85	1.7	1.8	3.5	28.5	30.7	59.2	28.2	32.5	60.7
1985-86	8.0	8.6	16.6	24.8	34.2	59.0	33.5	42.8	76.3
1986-87	4.6	4.7	9.3	29.5	32.8	62.3	28.1	37.5	65.6
1987-88	7.1	7.0	14.1	28.3	30.7	59.0	35.4	37.7	73.1
1988-89	4.0	4.8	8.8	38.2	34.3	72.5	38.1	39.1	77.2
1989-90	8.1	8.3	16.4	18.5	18.1	36.6	34.6	38.1	72.7
2000-01	11.7	10.6	22.3	30.7	31.3	62.0	42.4	41.8	84.2
2001-02	8.9	6.2	15.1	38.8	18.1	56.9	45.7	29.3	75.0
2002-03	2.9	2.8	5.7	46.6	40.7	87.3	48.7	51.6	100.3
2003-04	8.0	8.8	16.8	51.7	48.6	100.3	80.8	57.7	138.5
2004-05	8.6	9.5	18.1	51.3	49.0	100.3	80.9	58.7	139.6
2005-06	50.6	10.0	60.6	50.2	48.9	99.1	60.7	50.3	111.0
2006-07	14.1	14.0	28.1	40.0	54.0	94.0	53.1	59.0	112.1
2007-08	14.0	14.0	28.0	47.9	52.8	100.7	61.9	68.8	130.7
2008-09	19.3	19.2	38.5	40.6	42.7	83.3	68.8	52.9	121.7
CHENNAI									
1982-83	5.4	0.8	6.2	31.3	32.0	63.3	40.7	30.5	71.2
1983-84	5.0	-	5.0	41.2	37.3	78.5	48.1	27.3	75.4
1984-85	10.1	-	10.1	38.0	32.4	70.4	48.3	32.4	80.7
1985-86	2.3	-	2.3	42.0	38.9	80.9	45.9	38.9	84.8
1986-87	3.9	-	3.9	40.1	38.1	78.2	44.0	38.1	82.1
1987-88	13	13	26	37.3	30.9	68.2	34.0	34.8	68.8
1988-89	18	12	30	47.6	44.6	92.2	47.6	44.5	92.1
1989-90	0.1	-	0.1	45.8	40.7	86.5	45.7	42.7	88.4
2000-01	0.2	0.1	0.3	51.0	43.8	94.8	51.0	43.8	94.8
2001-02	0.5	0.4	0.9	59.2	45.9	105.1	53.7	46.3	100.0

Table 3.2.7(Contd...) Passenger Traffic at Major Ports

(Cr. '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.	62.9	44.7	97.6	56.9	44.7	97.6
2003-04	Neg.	Neg.	Neg.	55.9	48.5	103.4	55.8	48.5	105.4
2004-05	0.6	0.5	1.2	51.2	42.4	88.6	51.8	42.0	100.2
2005-06	0.2	0.2	1.1	49.4	45.8	95.2	50.3	40.0	96.7
2006-07	0.2	0.2	0.5	39.0	30.8	70.1	39.6	31.1	70.6
2007-08	0.1	0.2	0.0	43.1	35.4	81.5	43.2	38.5	81.5
2008-09	0.3	0.2	0.6	44.0	40.7	84.7	44.3	36.8	85.7
PARADIP									
2008-09	0.1	0.1	0.2	-	-	-	0.1	0.1	0.2
VISAKHAPATNAM									
1982-83	-	-	-	2.5	1.8	4.3	2.5	1.8	4.3
1983-84	-	-	-	4.6	7.4	12.0	4.6	7.4	12.0
1984-85	-	-	-	3.6	4.0	7.4	3.6	4.0	7.4
1985-86	-	-	-	3.7	4.0	7.7	3.7	4.0	7.7
1986-87	-	-	-	6.0	8.8	12.9	6.0	8.8	12.9
1987-88	-	-	-	6.1	5.6	11.7	6.1	5.6	11.7
1988-89	-	-	-	8.8	6.0	13.0	8.8	5.0	11.8
1989-90	-	-	-	5.7	7.5	13.2	5.7	7.5	13.2
2000-01	-	-	-	8.3	7.1	16.9	8.8	7.1	16.9
2001-02	-	-	-	8.6	8.0	17.2	7.6	8.8	17.2
2002-03	-	-	-	11.3	11.7	23.0	11.3	11.7	23.0
2003-04	-	-	-	8.4	9.0	17.8	8.9	9.0	17.8
2004-05	-	-	-	10.1	12.0	22.1	10.1	12.2	22.1
2005-06	-	-	-	8.4	7.5	16.2	8.7	7.2	16.2
2006-07	-	-	-	8.4	8.4	15.8	8.4	8.4	15.8
2007-08	-	-	-	12.2	10.3	22.5	12.2	10.3	22.5
2008-09	-	-	-	11.2	12.8	24.0	11.2	12.5	24.0
KOLKATAHALDIA									
1982-83	-	-	-	21.6	19.1	40.7	21.8	18.1	40.7
1983-84	-	-	-	22.6	17.6	40.3	22.0	17.5	40.3
1984-85	-	-	-	20.5	18.4	38.9	20.5	18.4	38.9
1985-86	-	-	-	21.7	18.7	38.4	21.7	16.7	38.4
1986-87	-	-	-	24.0	21.8	45.8	24.0	21.0	45.0
1987-88	-	-	-	19.8	15.1	35.0	19.0	15.1	35.0
1988-89	-	-	-	25.0	21.3	52.3	24.0	24.3	52.3
1989-90	-	-	-	26.4	22.6	49.0	26.4	22.8	49.0
2000-01	0.2	0.2	0.4	29.8	27.1	56.7	29.3	27.3	57.1
2001-02	-	-	-	30.0	26.4	58.4	30.6	26.4	58.4
2002-03	-	-	-	25.3	27.4	52.7	25.3	27.4	52.7
2003-04	-	-	-	25.6	30.6	56.1	25.5	30.8	56.1
2004-05	-	-	-	31.7	30.8	62.6	31.7	30.0	62.5
2005-06	-	-	-	34.3	29.0	60.3	34.3	26.0	60.3
2006-07	-	-	-	28.2	21.4	50.8	29.2	21.4	50.6
2007-08	-	-	-	43.6	31.6	75.1	43.5	31.8	75.1
2008-09	-	-	-	30.9	27.2	58.1	30.9	27.2	58.1

Table 3.2.7(Contd...) Passenger Traffic at Major Ports

(In '000)

Port/Year	Onward			Reverse			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
NEW MANGALORE									
2007-08	1.3	...	1.3	...	...	...	1.3	...	1.3
2008-09	-	0.9	0.9	-	-	-	-	0.9	0.9
ALL MAJOR PORTS									
1982-83	21.0	14.3	35.3	25.3	81.6	106.9	106.9	96.9	203.8
1983-84	15.3	8.9	24.2	102.9	87.5	190.4	115.2	97.4	212.6
1984-85	14.0	14.7	28.7	120.1	112.8	232.9	125.8	127.3	253.1
1985-86	20.9	21.5	42.4	124.3	128.2	252.5	145.2	150.7	295.9
1986-87	14.7	13.7	28.4	116.8	133.6	250.4	130.5	146.7	277.2
1987-88	12.0	20.2	32.2	114.6	118.7	233.3	127.1	138.9	266.0
1988-89	8.6	7.4	16.0	122.0	118.0	240.0	132.4	123.4	255.8
1989-90	12.8	16.0	28.8	107.5	103.4	210.9	120.1	114.2	234.3
2000-01	26.9	18.6	45.5	125.0	114.3	239.3	141.8	132.3	274.1
2001-02	12.6	11.4	24.0	123.8	99.0	222.8	141.5	110.4	251.9
2002-03	8.5	9.5	18.0	135.3	132.5	267.8	141.8	136.0	277.8
2003-04	10.8	10.7	21.5	141.7	133.0	274.7	152.3	145.7	298.0
2004-05	10.9	10.6	21.5	146.1	141.3	287.4	156.0	151.0	307.0
2005-06	11.7	11.7	23.4	184.3	171.0	355.3	168.0	162.7	330.7
2006-07	15.4	14.5	29.9	207.6	190.4	398.0	223.6	207.9	431.5
2007-08	15.4	14.7	30.1	228.5	217.7	446.2	243.9	220.4	464.3
2008-09	21.3	20.9	42.2	130.6	137.7	268.3	160.5	159.0	319.5

(a) - included in coastal.

Note: This covers the Passenger Traffic at Kandla, J. L. Nehru, Port Blair and Tuticorin Ports for the period 1982-83 to 2008-09.

Table 12.5

Monthly Type and Size of Shipments from India to the United States

(GRT in '000)

Year	Container		Break Bulk		Top Bulk		Liquid Bulk		Lump		Misc.		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
Kandla	2000-01	194	102	332	3473	253	172	2883	-	-	-	-	253	2879
	2001-02	282	991	4776	497	11	14	499	-	-	-	-	282	2872
	2002-03	282	1281	530	579	34	71	791	-	-	-	-	282	2872
	2003-04	286	1873	34	413	373	76	2028	-	-	-	-	286	2872
	2004-05	376	3373	484	484	473	36	1763	-	-	-	-	376	2872
	2005-06	282	2408	658	733	42	82	2384	-	-	-	-	282	2872
	2006-07	34	247	113	143	413	107	3461	-	-	-	-	34	2872
	2007-08	235	2347	644	644	144	102	3424	-	-	-	-	235	2872
	2008-09	23	283	338	338	83	121	1791	-	-	-	-	23	2872
	2009-10	472	5830	487	503	134	42	1674	-	-	-	-	472	2872
Mumbai	2001-02	288	1137	682	682	144	730	1307	-	-	-	-	288	2872
	2002-03	319	233	682	682	121	721	1399	-	-	-	-	319	2872
	2003-04	344	233	682	682	121	721	1399	-	-	-	-	344	2872
	2004-05	344	233	682	682	121	721	1399	-	-	-	-	344	2872
	2005-06	344	233	682	682	121	721	1399	-	-	-	-	344	2872
	2006-07	344	233	682	682	121	721	1399	-	-	-	-	344	2872
	2007-08	344	233	682	682	121	721	1399	-	-	-	-	344	2872
	2008-09	344	233	682	682	121	721	1399	-	-	-	-	344	2872
	2009-10	344	233	682	682	121	721	1399	-	-	-	-	344	2872
	2010-11	344	233	682	682	121	721	1399	-	-	-	-	344	2872
J.L. Nehru	2001-02	184	102	332	3473	253	172	2883	-	-	-	-	184	2872
	2002-03	184	102	332	3473	253	172	2883	-	-	-	-	184	2872
	2003-04	184	102	332	3473	253	172	2883	-	-	-	-	184	2872
	2004-05	184	102	332	3473	253	172	2883	-	-	-	-	184	2872
	2005-06	184	102	332	3473	253	172	2883	-	-	-	-	184	2872
	2006-07	184	102	332	3473	253	172	2883	-	-	-	-	184	2872
	2007-08	184	102	332	3473	253	172	2883	-	-	-	-	184	2872
	2008-09	184	102	332	3473	253	172	2883	-	-	-	-	184	2872
	2009-10	184	102	332	3473	253	172	2883	-	-	-	-	184	2872
	2010-11	184	102	332	3473	253	172	2883	-	-	-	-	184	2872
Mumbai	2001-02	184	102	332	3473	253	172	2883	-	-	-	-	184	2872
	2002-03	184	102	332	3473	253	172	2883	-	-	-	-	184	2872
	2003-04	184	102	332	3473	253	172	2883	-	-	-	-	184	2872
	2004-05	184	102	332	3473	253	172	2883	-	-	-	-	184	2872
	2005-06	184	102	332	3473	253	172	2883	-	-	-	-	184	2872
	2006-07	184	102	332	3473	253	172	2883	-	-	-	-	184	2872
	2007-08	184	102	332	3473	253	172	2883	-	-	-	-	184	2872
	2008-09	184	102	332	3473	253	172	2883	-	-	-	-	184	2872
	2009-10	184	102	332	3473	253	172	2883	-	-	-	-	184	2872
	2010-11	184	102	332	3473	253	172	2883	-	-	-	-	184	2872
New Mangalore	2001-02	184	102	332	3473	253	172	2883	-	-	-	-	184	2872
	2002-03	184	102	332	3473	253	172	2883	-	-	-	-	184	2872
	2003-04	184	102	332	3473	253	172	2883	-	-	-	-	184	2872
	2004-05	184	102	332	3473	253	172	2883	-	-	-	-	184	2872
	2005-06	184	102	332	3473	253	172	2883	-	-	-	-	184	2872
	2006-07	184	102	332	3473	253	172	2883	-	-	-	-	184	2872
	2007-08	184	102	332	3473	253	172	2883	-	-	-	-	184	2872
	2008-09	184	102	332	3473	253	172	2883	-	-	-	-	184	2872
	2009-10	184	102	332	3473	253	172	2883	-	-	-	-	184	2872
	2010-11	184	102	332	3473	253	172	2883	-	-	-	-	184	2872

(c) Included in Container/Break-bulk

(d) Excluded from the total of the above, as it is not a container/break-bulk

Total 3330000001 Bayview Time And Size Of Charge Stages Handled At Major Ports

(GR-11'000)

Port	Year	Comber		Break Bulk		Exp Bulk		Liquid Bulk		Lash		Ro-Ro		Total	
		No.	GRF	No.	GRF	No.	GRF	No.	GRF	No.	GRF	No.	GRF	No.	GRF
Cochin	2000-01	49	9991	79	999	41	722	42	9991	1	98			230	7000
	2001-02	36	9992	79	999	39	722	34	9994					877	10720
	2002-03	52	9993	138	999	6	999	323	9995					942	44135
	2003-04	567	9994	167	999	99	999	333	9996					170	10990
	2004-05	314	9995	141	999	38	999	349	9997					676	10495
	2005-06	79	9996	118	999	99	999	323	9998					366	10826
	2006-07	999	9997	99	999	9	999	333	9999					900	10994
	2007-08	333	9998	9	999	71	999	322	9999					906	10725
	2008-09	999	9999	42	999	78	999	336	9999					777	10449
	2009-10	52	9999	999	999	333	999	403	9999					1006	12317
Puducherry	2000-01	411	9999	99	999	377	999	147	9999					1387	7370
	2001-02	474	9999	915	999	300	999	438	9999					1428	12413
	2002-03	516	9999	999	999	338	999	175	9999					210	10946
	2003-04	493	9999	999	999	338	999	199	9999					1428	10725
	2004-05	999	9999	999	999	338	999	189	9999					1428	10946
	2005-06	999	9999	999	999	338	999	189	9999					1428	10946
	2006-07	999	9999	999	999	338	999	189	9999					1428	10946
	2007-08	999	9999	999	999	338	999	189	9999					1428	10946
	2008-09	999	9999	999	999	338	999	189	9999					1428	10946
	2009-10	999	9999	999	999	338	999	189	9999					1428	10946
Chennai	2000-01	49	9991	79	999	41	722	42	9991					230	7000
	2001-02	36	9992	79	999	39	722	34	9994					877	10720
	2002-03	52	9993	138	999	6	999	323	9995					942	44135
	2003-04	567	9994	167	999	99	999	333	9996					170	10990
	2004-05	314	9995	141	999	38	999	349	9997					676	10495
	2005-06	79	9996	118	999	99	999	323	9998					366	10826
	2006-07	999	9997	99	999	71	999	322	9999					900	10994
	2007-08	333	9998	9	999	78	999	336	9999					777	10449
	2008-09	52	9999	999	999	333	999	403	9999					1006	12317
	2009-10	999	9999	42	999	333	999	403	9999					906	10725
Ennore	2000-01	49	9991	79	999	41	722	42	9991					230	7000
	2001-02	36	9992	79	999	39	722	34	9994					877	10720
	2002-03	52	9993	138	999	6	999	323	9995					942	44135
	2003-04	567	9994	167	999	99	999	333	9996					170	10990
	2004-05	314	9995	141	999	38	999	349	9997					676	10495
	2005-06	79	9996	118	999	99	999	323	9998					366	10826
	2006-07	999	9997	99	999	71	999	322	9999					900	10994
	2007-08	333	9998	9	999	78	999	336	9999					777	10449
	2008-09	52	9999	999	999	333	999	403	9999					906	10725
	2009-10	999	9999	42	999	333	999	403	9999					906	10725
Vandhavaram	2000-01	49	9991	79	999	41	722	42	9991					230	7000
	2001-02	36	9992	79	999	39	722	34	9994					877	10720
	2002-03	52	9993	138	999	6	999	323	9995					942	44135
	2003-04	567	9994	167	999	99	999	333	9996					170	10990
	2004-05	314	9995	141	999	38	999	349	9997					676	10495
	2005-06	79	9996	118	999	99	999	323	9998					366	10826
	2006-07	999	9997	99	999	71	999	322	9999					900	10994
	2007-08	333	9998	9	999	78	999	336	9999					777	10449
	2008-09	52	9999	999	999	333	999	403	9999					906	10725
	2009-10	999	9999	42	999	333	999	403	9999					906	10725

1999-2000 Annual Report of the Georgia Department of Transportation

Port	Vol	Gravel		Crushed Stone		Dry Bulk		Liquid Bulk		Lumber		Softwood		Total	
		Mc	GRT	Mc	GRT	Mc	GRT	Mc	GRT	Mc	GRT	Mc	GRT	Mc	GRT
Paradise	2000-01	3	30	123	633	12300	12300	0	0	13	437	0	0	16	477
	2000-02	6	60	73	400	14000	14000	0	0	4	200	1	100	5	300
	2000-03	7	70	74	407	15075	15075	0	0	5	200	0	0	5	200
	2000-04	2	20	220	757	20000	20000	0	0	0	0	0	0	0	0
	2000-05	10	101	344	1442	29000	29000	0	0	0	0	0	0	0	0
	2000-06	14	146	288	1000	35000	35000	0	0	0	0	0	0	0	0
	2000-07	11	68	400	1030	30124	30124	0	0	0	0	0	0	0	0
	2000-08	10	104	10	1510	10000	10000	0	0	0	0	0	0	0	0
	2000-09	5	54	341	1200	10000	10000	0	0	0	0	0	0	0	0
	2000-10	20	1000	1400	0	0	0	0	0	0	14	200	0	0	14
Kohala	2001-01	304	1000	100	1401	0	0	0	0	10	200	0	0	10	200
	2001-02	304	1000	210	1517	0	0	0	0	10	200	0	0	10	200
	2001-03	304	1000	210	1517	0	0	0	0	10	200	0	0	10	200
	2001-04	304	1000	210	1517	0	0	0	0	10	200	0	0	10	200
	2001-05	304	1000	210	1517	0	0	0	0	10	200	0	0	10	200
	2001-06	304	1000	210	1517	0	0	0	0	10	200	0	0	10	200
	2001-07	304	1000	210	1517	0	0	0	0	10	200	0	0	10	200
	2001-08	304	1000	210	1517	0	0	0	0	10	200	0	0	10	200
	2001-09	304	1000	210	1517	0	0	0	0	10	200	0	0	10	200
	2001-10	304	1000	210	1517	0	0	0	0	10	200	0	0	10	200
Hobbs	2000-01	323	1037	60	600	5400	5400	0	0	0	0	0	0	0	0
	2000-02	343	2000	57	560	6000	6000	0	0	0	0	0	0	0	0
	2000-03	423	5000	100	400	11000	11000	0	0	0	0	0	0	0	0
	2000-04	460	6000	123	400	12000	12000	0	0	0	0	0	0	0	0
	2000-05	600	1400	124	400	13000	13000	0	0	0	0	0	0	0	0
	2000-06	520	4000	114	1000	12000	12000	0	0	0	0	0	0	0	0
	2000-07	520	4000	114	1000	12000	12000	0	0	0	0	0	0	0	0
	2000-08	400	4000	110	1000	11000	11000	0	0	0	0	0	0	0	0
	2000-09	400	4000	110	1000	11000	11000	0	0	0	0	0	0	0	0
	2000-10	400	4000	110	1000	11000	11000	0	0	0	0	0	0	0	0
At Port	2000-01	3000	10000	1000	1000	10000	10000	0	0	0	0	0	0	0	0
	2000-02	4000	10000	2000	2000	20000	20000	0	0	0	0	0	0	0	0
	2000-03	4000	10000	2000	2000	20000	20000	0	0	0	0	0	0	0	0
	2000-04	4000	10000	2000	2000	20000	20000	0	0	0	0	0	0	0	0
	2000-05	4000	10000	2000	2000	20000	20000	0	0	0	0	0	0	0	0
	2000-06	4000	10000	2000	2000	20000	20000	0	0	0	0	0	0	0	0
	2000-07	4000	10000	2000	2000	20000	20000	0	0	0	0	0	0	0	0
	2000-08	4000	10000	2000	2000	20000	20000	0	0	0	0	0	0	0	0
	2000-09	4000	10000	2000	2000	20000	20000	0	0	0	0	0	0	0	0
	2000-10	4000	10000	2000	2000	20000	20000	0	0	0	0	0	0	0	0

Table 3.2.8

Distribution of Revenue And Expenditure at Major Ports

(Rs. in Lakhs)

Port/Year	Total Revenue	Total Expenditure	Port and Dock Charges including Pilages		Cargo handling and Warehousing		On account of Railways		Land and Building		Finance and Misc.		Management & General Administrative Exp.
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	
KANDLA													
1992-93	17836	5047	4011	2746	6365	1315	7		719	432	3621	831	836
1993-94	15757	6219	4820	2583	8382	1461	8		670	416	4190	779	1081
1994-95	20159	7481	5424	3120	7548	1443	12		938	520	5271	648	785
1995-96	25456	8217	6128	4253	8395	1605	30		1244	811	5919	1278	1881
1996-97	23813	5763	7157	4508	10178	1703	31		1308	623	5743	1214	1535
1998-99	34480	12382	10564	5739	11339	1853	18		1324	622	11263	4767	1633
1999-00	58025	15443	6823	8823	11304	2101	4		1377	102	14485	2151	2400
2000-01	57000	10565	8413	5090	8387	2217	4		1592	1184	12552	4253	3837
2001-02	52734	14494	8505	5734	8313	2432	8		1422	1073	15754	3811	3272
2002-03	37440	20223	10384	3732	3640	2821	7		1732	1007	13243	3232	5638
2003-04	31783	28721	10134	5151	3414	3018	1		1622	1282	17622	1150	4108
2004-05	33501	19253	10530	3354	13489	1900	5		2531	1033	14876	1050	4181
2005-06	38612	19817	10702	7037	12867	1739	10		1831	1433	13388	1823	4183
2006-07	48244	25018	12431	3809	18819	3300	274		3196	1452	13018	3934	4433
2007-08	41577	26362	12410	11064	17142	3832	91		1706	1774	16410	1071	4440
2008-09	50171	36233	15017	15387	18816	3270	30		2145	2817	18225	4113	6162
MUMBAI													
1993-94	48482	30657	15119	6429	25310	10425	739	1201	1804	2087	8514	1963	4772
1994-95	55351	41113	15974	7494	34383	12123	411	1052	1534	2485	8107	11462	5687
1995-96	63242	42416	13620	6364	42318	14427	610	1636	1643	2163	10353	11460	3548
1996-97	68252	48438	13382	8973	43572	15381	431	1828	1235	3174	8584	12217	3817
1997-98	68231	51130	10311	8308	40231	16383	436	1801	3294	3813	7102	11037	7638
1998-99	68830	57030	10380	11083	56245	19382	771	1850	4035	3035	7831	14422	3631
1999-00	83078	63030	10270	10751	53563	17957	636	748	3632	3523	11117	12730	3014
2000-01	53331	39446	16350	13630	27101	21636	312	1784	3145	3278	8612	42584	9933
2001-02	59874	71357	16365	13636	29002	17939	369	1375	3437	3819	11782	28408	5219
2002-03	91344	59818	17307	13121	24015	17336	261	1484	4219	3811	15432	15830	3203
2003-04	94689	59570	16423	13031	25238	14298	269	1540	4108	3810	3230	23206	3763
2004-05	84252	38513	71887	12777	30211	18379	412	1455	4479	3670	27126	33010	2742
2005-06	90235	72112	24182	11536	30368	19865	647	1700	6310	3848	34368	30078	6143
2006-07	14570	37503	23732	12472	10720	21371	1036	1136	7565	4236	36752	33930	10166
2007-08	151305	104892	23033	18573	41488	24990	1136	2124	11705	4822	65417	42221	17303
2008-09	126787	120380	27838	17473	14321	24586	1029	2136	7319	5124	48111	57361	12329

Table 3.23 (Contd.) Distribution of Revenue And Expenditure at Major Ports

(Rs. in Lakhs)

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 Rates		Management & General Administrative
			Revenue	Exp.	Revenue	Exp.	Revenue	Cap.	Revenue	Exp.	Revenue	Exp.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
JAWAHARLAL NEHRU													
1963-64	12422	12440	2201	1284	7623	4711	-	97	452	449	2192	3434	1285
1964-65	17307	11038	2034	762	-152	2729	-	102	727	585	2267	2870	1594
1965-66	27282	15341	3570	1211	12930	7625	-	132	1281	722	4016	3777	1038
1966-67	21745	17467	4282	1772	12418	5224	-	115	1836	524	7112	2574	1832
1967-68	4173	21225	675	2517	23420	12413	-	124	3019	1027	3728	4215	1829
1968-69	4823	24585	7482	3034	21546	12367	-	124	3231	1212	3822	6305	1311
1969-70	42124	34224	9225	2674	22413	12337	-	124	4115	1230	10779	14812	2820
1970-71	34194	34194	10182	4007	17583	13154	-	121	4728	930	13353	12364	2401
1971-72	36377	28773	12284	4135	20580	13780	-	121	4443	1049	11770	18246	2120
1972-73	53222	37341	16245	2524	23827	12422	-	121	4520	1028	11187	16157	2249
1973-74	64778	38573	2832	4125	31512	14222	-	121	1717	225	10242	15137	3020
1974-75	72250	34436	15427	4528	33684	5231	-	123	4704	922	11752	14234	3305
1975-76	52225	22272	14477	4782	35177	-3172	-	121	4570	3303	10721	2837	2312
1976-77	91242	11120	2837	2526	21632	1404	-	121	4272	2007	24020	2039	4272
1977-78	31758	31758	1121	6213	22202	22544	-	121	5614	2762	12277	3274	3131
1978-79	16244	49294	14114	7513	23824	13415	-	121	5712	2346	87424	12143	4058
NORMUGAO													
1963-64	9295	9276	2023	1262	3017	2011	160	120	210	192	1620	1451	1583
1964-65	8741	5430	2154	1617	5446	2277	54	132	271	51	1728	1495	1575
1965-66	9287	2911	2169	2478	5234	567	-	116	324	37	1627	1367	1748
1966-67	11032	3012	2263	2055	6237	2218	-	112	425	54	2020	2060	2175
1967-68	13217	10237	2522	2370	6100	3225	4	128	240	235	2155	1824	2141
1968-69	2346	12575	2704	2748	3450	4287	15	123	327	220	2757	2235	2203
1969-70	18148	13702	3103	3127	1863	3277	335	222	569	212	2745	3282	2223
1970-71	21474	16254	3702	3474	16314	5161	533	237	367	311	6281	520	430
1971-72	2824	10823	4533	5132	12360	4784	114	401	225	245	272	1627	2770
1972-73	13453	17142	1003	3028	12217	4370	848	321	303	515	724	4315	3582
1973-74	21518	10773	5372	3700	14760	4240	561	324	561	327	747	5370	3687
1974-75	23072	19507	5472	3927	14317	5230	1563	394	553	403	527	5949	4282
1975-76	22025	18180	5030	3444	14252	5520	1301	476	1232	384	1118	3050	4285
1976-77	27182	23747	6340	3583	14214	6854	1712	470	1332	341	1260	7118	5132
1977-78	26502	22917	4710	4526	15571	7037	2015	577	622	532	201	4926	5134
1978-79	28580	28582	7421	5274	17248	7514	2022	567	810	622	2145	3255	7267

1979-80 2011027

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 Pilgrage		Cargo handling and warehousing		On account of Railways		Land and building		Finance and Mgt.		Management & General Administrative
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
NEW MANGALORE													
1993-94	4301	3479	1154	1840	2424	287	-	0	452	75	771	647	605
1994-95	4321	3185	1120	1382	2337	935	9	-9	672	85	585	639	607
1995-96	4572	4615	1380	3794	3241	637	0	0	750	112	1211	922	1037
1996-97	13422	3275	2352	2310	8337	1442	12	35	618	117	7574	3448	1280
1997-98	17082	10870	3402	3120	11294	1507	25	89	1122	185	1265	3744	1674
1998-99	16024	13038	3603	4380	10960	1701	37	23	571	180	1632	4758	1837
1999-00	17880	13628	3146	4282	12315	2363	13	26	1040	125	1450	3830	1361
2000-01	15179	14884	3113	5785	13901	2317	13	29	1144	213	1820	3634	2027
2001-02	20714	15742	3585	5682	14472	2425	27	32	1361	218	1241	3444	1440
2002-03	21836	15863	4580	4334	14212	2820	15	32	1302	159	1207	6370	2185
2003-04	23829	17292	5520	6174	12450	3816	16	31	1380	226	1337	7032	2437
2004-05	27619	21637	6547	4271	13451	3751	40	40	1303	211	2024	10238	2439
2005-06	30217	19749	4637	5183	15782	3031	57	43	1345	206	1445	1258	2654
2006-07	27387	17371	3735	4113	11158	4428	50	56	2146	317	2118	4132	2830
2007-08	30277	19181	3472	5307	11984	4933	94	123	3224	470	3537	4194	3130
2008-09	34382	25555	7040	5148	14876	5822	422	171	3285	357	5758	5410	3822
COCHIN													
1993-94	8264	7709	1682	2754	4657	4230	-	34	520	196	1106	1315	1175
1994-95	8451	3670	2362	3113	5242	1614	-	24	577	129	1298	2389	2187
1995-96	12453	13038	2384	3470	7132	1634	-	29	610	134	1784	4804	3347
1996-97	13885	15831	3455	4107	8402	2785	-	30	854	321	2387	4143	2942
1997-98	17748	13247	4534	4420	10490	2103	-	22	1011	407	3202	2175	1767
1998-99	17070	15425	4385	5773	10732	2710	-	25	1158	582	1570	3493	3544
1999-00	23825	20004	5334	6164	11364	8385	-	21	1258	476	2311	3466	4447
2000-01	23507	20572	5067	5382	11205	4580	-	40	1442	605	3287	3670	3104
2001-02	20744	23848	3380	6161	10070	4411	-	18	1507	585	1455	5078	3617
2002-03	21637	18787	3447	5516	11301	3843	-	14	2132	627	1529	6038	4825
2003-04	21742	18512	5777	4911	12379	3858	-	-	2124	653	1900	5124	4618
2004-05	24382	21605	5038	6117	12807	3983	-	-	2763	645	1312	7071	5149
2005-06	21484	18784	5838	4728	10453	2964	-	-	3714	673	1738	5280	5148
2006-07	23385	20370	6388	6107	13515	2761	-	-	4383	816	2128	6513	5377
2007-08	24706	21407	6405	8381	13821	3172	-	-	4245	750	2752	6180	5704
2008-09	26575	24484	9110	5231	1705	2004	-	-	5108	716	2138	4507	6540

Table 3.2.3 (Contd.) Distribution of Revenue and Expenditure at Major Ports

(Rs. in Lakhs)

Part Year	Total Revenue	Total Expenditure	Port and Dock Charges including Pilage		Cargo Handling and Warehousing		On account of Railways		Land and building		Finance and Misc		Management & General Administrative Exp.
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
TUTICORIN													
1999-01	3808	2809	504	635	2921	105	-	21	291	13	592	619	770
1999-02	4202	3776	1089	831	2621	1147	23	61	870	165	492	215	562
1999-03	5070	3554	1513	975	3545	787	3	82	391	257	574	315	505
1999-04	5703	4363	1560	921	3172	796	37	51	282	287	623	329	536
1999-05	5659	4725	2371	1755	4075	676	65	125	478	398	1731	1314	210
1999-06	5968	4567	2710	1362	3194	1488	172	201	520	402	1051	1442	195
1999-07	13517	8530	1320	1052	4081	1194	136	177	877	400	1309	1802	1912
2000-01	13123	9390	4637	1832	5785	1106	164	185	571	545	1371	3073	2722
2000-02	13088	8480	4589	1942	5907	1708	105	109	588	588	1533	3836	1811
2000-03	14474	8410	5700	2242	5891	1102	282	170	1700	776	2310	3819	1024
2000-04	14928	9425	2325	2674	7185	1113	180	189	512	615	2452	3600	1875
2000-05	13706	8116	6542	2581	7053	1052	407	309	518	238	2558	3902	2572
2000-06	13719	8532	6532	2537	5479	1072	190	145	546	236	2392	3902	2572
2000-07	21178	8828	1789	3405	6708	1052	270	190	587	78	3072	3802	2687
2000-08	97750	10844	7029	3017	13548	1245	377	351	624	220	2950	3488	2884
2000-09	24750	13464	7156	4307	13472	1079	340	270	752	71	3777	1507	3470
CHENNAI													
1999-01	30028	16045	6037	1550	14921	5485	1574	015	212	145	6201	4580	5602
1999-02	31027	16773	6419	2789	16419	5825	1741	849	272	165	10142	3771	4181
1999-03	38810	20845	8603	2850	16117	6171	557	1725	891	172	10992	3153	4589
1999-04	36176	20630	7104	3118	17352	5979	2232	1611	323	107	10882	4152	5284
1999-05	41873	24092	7873	3799	18954	7723	2817	1528	287	222	11591	4612	6470
1999-06	49025	28834	1625	4274	18772	1751	8045	1701	881	272	12514	3425	7222
1999-07	50877	31446	5682	6221	21745	6912	7045	1725	314	245	12702	3712	3782
2000-01	57473	45771	7697	6205	24735	12502	4335	1403	522	379	13424	11772	6779
2000-02	62307	47172	9491	6434	29722	13646	3822	1688	589	259	22518	13152	4824
2000-03	44004	31088	5102	5637	30922	13646	4511	2700	381	309	17008	6071	8433
2000-04	41353	33888	12895	4731	28446	17493	3112	1488	377	352	4502	7052	8774
2000-05	47498	35907	11563	6820	28882	13646	3272	1588	347	349	7132	6294	10226
2000-06	58082	35100	11074	5153	36742	13646	3737	2409	1500	436	2407	6802	11057
2000-07	77395	41082	4320	6221	33002	2368	4082	2529	2702	451	17377	5294	14219
2000-08	188945	479814	1586	6355	40003	3590	5074	2718	3471	527	26231	5625	18752
2000-09	55344	22572	6281	6875	45001	16707	4035	2781	258	204	37182	18127	19532
BANGALORE													
2000-01	8004	3900	73	62	3409	148	-	-	-	-	17	489	512
2000-02	7910	3719	21	62	1887	320	-	-	-	-	118	489	471
2000-03	8782	3511	22	62	3764	3155	-	-	-	-	276	508	651
2000-04	8827	3120	23	62	3409	3456	-	-	-	-	27	1161	702
2000-05	8848	3080	24	62	3764	3782	-	-	-	-	242	4597	681
2000-06	14900	7358	25	62	10105	3317	-	-	-	-	845	2451	773
2000-07	14322	3732	26	62	12322	2005	-	-	-	-	1572	1641	767
2000-08	1200	6875	27	62	13776	2405	-	-	-	-	624	5442	1029

@: Included under Cargo Handling & warehousing. * Includes depreciation of Rs. 1274 lakhs in 2007-08 & 1182 lakhs in 2008-09.

Table 3.2.5 (Contd...)

Distribution of Revenue And Expenditure of Major Ports

(Rs. in Lacs)

Fiscal Year	Total Revenue	Total Expen- diture	Port and Dock Charges Including Pilage		Cargo handling and warehousing		On account of Raidways		Land and building		Fire and Miscellaneous		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
VISAKHAPATNAM													
1951-52	20226	4424	4576	2672	10484	3202	6561	1518	522	517	2120	3276	2237
1954-55	21540	17112	3570	3462	11549	4522	12625	1502	582	811	1033	4814	2110
1955-56	26322	19047	1700	4022	12541	4073	3473	2711	582	810	1476	3238	9180
1956-57	28449	20931	3082	4348	14413	4894	3735	3062	684	917	1223	4780	7887
1957-58	29441	19128	1772	3892	11774	5233	—	3302	802	1024	2167	4260	4777
1958-59	25377	27424	1594	3115	13882	5053	4412	2047	817	1426	1532	4288	4517
1959-60	33302	36132	2614	4121	15733	5085	4132	2682	987	1642	7258	14348	7704
1960-61	35782	37336	3023	5140	15115	3223	5675	3881	1435	1737	4218	12867	3506
1961-62	42328	30540	12705	5023	19823	3181	5436	2887	2008	1837	4430	17287	3206
1962-63	44187	38424	13715	4768	21123	5025	5914	4911	1829	1631	1405	15588	5709
1963-64	46557	38730	13823	5123	23383	5424	8732	3384	2121	1831	1112	14584	5382
1964-65	51287	50428	14810	5230	25054	5820	7026	3882	2107	1739	1489	24230	3308
1965-66	64280	58726	18354	6830	27323	7323	1432	5829	2123	1723	1623	34115	7288
1966-67	57492	60280	18214	8214	27127	8836	7039	5829	2875	1782	3787	13307	6288
1967-68	52687	47327	17037	6251	28836	7258	8212	3872	2226	1936	3154	23014	7088
1968-69	49007	41991	16736	6170	28672	6850	8363	4426	2672	2461	3114	13881	11088
PARADIP													
1951-52	18213	11804	2317	1240	8124	2213	1292	888	930	512	2043	6422	1884
1954-55	13807	12897	2792	1759	8738	2449	1838	437	282	262	1146	5122	1711
1955-56	16720	12179	3262	2227	8124	2887	1574	473	549	1291	944	5822	1694
1956-57	17872	12282	3408	2360	8347	3241	1702	587	428	1116	1221	5821	2027
1957-58	16539	13072	4168	1807	10287	3326	2267	520	459	1249	1293	8673	2051
1958-59	18201	14420	4032	2002	10173	3286	2112	726	680	1832	1972	9120	3322
1959-60	20306	16930	4882	2642	10017	3340	1881	782	202	1781	2023	9251	3631
1960-61	22459	21121	7807	3872	14624	4117	2862	1887	315	2287	2238	8737	3658
1961-62	31217	28532	5214	3637	17107	7867	3718	1846	782	2319	3428	9261	4788
1962-63	45984	32736	5943	2862	22634	5202	2823	2011	747	2210	2233	11588	4638
1963-64	42106	30380	8249	3613	27622	3565	3000	1782	1022	2472	1278	5285	4386
1964-65	45984	36047	10921	4871	31774	4671	3448	1712	1487	2838	2488	11003	7161
1965-66	57208	36127	11024	5118	37870	9717	4823	3288	1027	3115	3108	3883	520
1966-67	64087	34129	13422	5054	35829	11855	6258	3811	1103	2877	4287	5422	5122
1967-68	67982	34500	13826	6138	41271	2183	8126	4227	1089	2228	3082	3311	5611
1968-69	73386	33733	16044	7727	43711	3019	8821	4265	1614	3413	3122	2915	7877

Table 3.2.9 (Contd.) Distribution of Revenue And Expenditure at Major Ports

(In Rs. Lakhs)

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 Administrative
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
HALDIA DOCK COMPLEX													
1979-80	22734	16702	5796	7623	8676	10753	1378	242	540	715	7801	4232	1824
1980-81	23821	20647	11971	8387	10457	1877	14104	784	1042	690	2167	8411	2076
1981-82	27174	18434	5973	5503	12338	2013	1638	272	1442	831	3367	6168	2326
1982-83	35325	22411	14545	8553	19428	2871	24108	482	1734	1078	3404	6357	2723
1983-84	47817	30457	23832	16732	17624	2749	24531	137	1610	1024	2502	7138	3638
1984-85	65322	67540	43542	38734	18344	3123	2138	1470	1338	1210	4572	10722	3724
1985-86	33844	51793	86183	28374	19457	3704	2572	4534	2330	1438	2206	10837	6466
1986-87	75312	82682	46014	37587	10396	4152	2745	1446	3027	1846	4316	11116	4884
1987-88	60445	79117	67575	36283	20380	4877	8086	3608	3230	1547	4462	34733	6743
1988-89	66427	86775	31829	32273	28287	4474	3211	2286	2828	1474	4400	14427	4675
1989-90	77831	88386	85423	35247	38308	4379	2139	1771	3636	1416	3403	14712	4745
1990-91	38831	57582	85633	32887	29382	4823	3487	1881	1730	1494	3286	14718	4837
1991-92	50332	62282	41177	42883	37488	5201	2582	1028	3815	1676	7173	1444	5314
1992-93	105836	88306	63821	37583	37682	5359	6433	1737	2832	1815	16388	6232	2672
1993-94	103076	89580	65025	36725	36654	5183	5737	3182	3433	1962	2847	1845	5945
1994-95	155150	96784	63449	37322	30398	5003	8346	2685	3418	1931	4434	10313	1342
KOLKATA DOCK SYSTEM													
1979-80	15676	16536	3823	3767	11088	2889	638	790	1830	257	312	4789	4007
1980-81	22040	23442	4645	5415	11527	2779	1084	874	1719	267	1184	6839	4804
1981-82	21820	21452	4828	5544	13182	4915	934	743	1844	246	788	9443	5812
1982-83	23240	22571	4829	5671	14218	3047	841	437	2738	313	1462	8384	6087
1983-84	25317	23317	4616	6407	15344	3873	731	1179	2338	427	1537	8710	4784
1984-85	28540	28540	3873	7747	18524	3124	818	1732	2738	628	1587	8029	7257
1985-86	31882	31882	5051	7985	16299	3879	690	1028	3078	638	1772	15812	5062
1986-87	37454	37454	3822	6432	19359	4837	687	1188	3836	841	2387	18224	5015
1987-88	38233	38233	3063	4981	10782	3171	617	1727	3738	140	4582	10521	8713
1988-89	32846	32846	3841	6212	11567	3883	684	527	3485	336	1484	7733	7088
1989-90	31454	32074	3703	7184	11540	3737	678	687	3485	336	1484	7733	7088
1990-91	32555	36173	2943	4784	14740	3737	833	780	3078	841	2387	18224	5015
1991-92	31882	31882	3116	6784	14288	3883	1732	788	6117	232	3284	7288	7278
1992-93	31678	31678	3415	6707	16353	3047	841	888	6288	112	2465	7714	7427
1993-94	38848	38848	3467	7302	18172	3783	1766	1634	8712	176	2787	7700	7488
1994-95	73251	52321	4624	8788	17474	1073	1327	1132	8812	1371	3161	25786	8488

Table 3.2.3 (Contd...) Distribution of Revenue And Expenditure at Major Ports

Distribution of Revenue and Expenditure at Major Ports														(Rs. In Lakhs)
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.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
ALL PORTS														
1980-81	205227	164453	45333	32789	105462	35476	7528	9471	5433	3383	32180	17403	25025	
1981-82	221725	187700	45525	35525	124787	42730	9051	9811	7515	6300	32339	44791	23082	
1982-83	275864	157719	82885	43137	157752	47338	16357	7829	11366	7194	38032	61272	39234	
1983-84	377183	212130	74062	51978	130707	63441	17386	4861	14367	9074	51719	51584	87302	
1984-85	591791	238072	65702	81424	157167	53812	13572	10375	17244	10670	37085	54202	62579	
1985-86	407862	254232	110732	75537	138039	65823	13162	10742	18048	12727	52777	60116	48770	
1986-87	405302	323514	116306	83441	123735	70471	14724	10172	21248	13882	66767	50036	25614	
1987-88	420186	675817	126408	89212	132702	82256	16237	17471	28658	16270	77380	47712	45701	
2001-02	488577	723371	154719	95381	187063	66104	17677	11274	26734	14517	80798	70718	61237	
2002-03	487103	875831	138452	80765	273037	82281	10722	11616	25976	2175	88486	15378	63724	
2003-04	474671	407642	138794	34719	227215	64713	18217	11684	23553	4902	51112	13875	61087	
2004-05	548208	635445	140716	38640	202923	51157	23743	17727	31465	15303	73538	15472	82067	
2005-06	538120	303801	172858	138172	279479	82208	23879	13834	34736	16345	7774	83237	67702	
2006-07	658288	420561	183830	105936	303532	78778	38875	19127	10857	17164	42073	121506	74282	
2007-08	737276	401963	187078	113862	322719	148742	32181	7774	68291	19448	122827	116317	66700	
2008-09	860618	777135	204178	182179	328424	121408	35204	13825	48182	23467	103875	175767	106182	

Source : Major Ports

TS/08 32.10

Operating Financial Parameters for Major Ports

Item/Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Revenue	Manpower	Manpower	Manpower	Manpower	Manpower	Manpower	Manpower	Manpower	Manpower	Manpower	Manpower	Manpower	Manpower	Manpower
	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
Operating Income	11747	16514	17547	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016
1994-95	11747	16514	17547	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016
1995-96	16514	17547	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016
1996-97	17547	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016
1997-98	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016
1998-99	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016
1999-00	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016
2000-01	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016
2001-02	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016
2002-03	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016
2003-04	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016
2004-05	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016
2005-06	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016
2006-07	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016
2007-08	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016
2008-09	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016
Operating Expenditure	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016
1994-95	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016
1995-96	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016
1996-97	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016
1997-98	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016
1998-99	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016
1999-00	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016
2000-01	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016
2001-02	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016
2002-03	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016
2003-04	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016
2004-05	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016
2005-06	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016
2006-07	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016
2007-08	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016
2008-09	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016	18016

Table 3.2 (continued)

Operating Financial Parameters for Major Ports

Item/Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Kanika	Manik	Manik	JL Mishra	Manik	Manik	Manik	Manik	Manik	Manik	Manik	Manik	Manik	Manik	Manik
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Operating Surplus															
1987-88	5226	1402	8806	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
1988-89	7491	2002	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
1989-90	8017	2181	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
1990-91	10025	2115	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
1991-92	10002	1721	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
1992-93	8876	1221	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
1993-94	7715	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
1994-95	7412	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
1995-96	7226	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
1996-97	7529	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
1997-98	1306	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
1998-99	1311	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
1999-00	1411	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
2000-01	1411	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
2001-02	1411	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
2002-03	1411	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
2003-04	1411	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
2004-05	1411	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
2005-06	1411	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
2006-07	1411	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
2007-08	1411	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
2008-09	1411	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
2009-10	1411	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
Net Surplus (before tax)															
1987-88	1411	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
1988-89	1411	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
1989-90	1411	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
1990-91	1411	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
1991-92	1411	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
1992-93	1411	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
1993-94	1411	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
1994-95	1411	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
1995-96	1411	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
1996-97	1411	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
1997-98	1411	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
1998-99	1411	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
1999-00	1411	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
2000-01	1411	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
2001-02	1411	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
2002-03	1411	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
2003-04	1411	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
2004-05	1411	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
2005-06	1411	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
2006-07	1411	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
2007-08	1411	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
2008-09	1411	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323
2009-10	1411	1120	1120	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323

Table 3.2.31 Operating Ratio for Major Ports

Item/Year	Kandla	Mumbai	J.L. Nehru	Mormu- Gaib	M. Mangla- Lona	Dochin	Tuticorin	Chennai	Ennore	Visakh- apatnam	Paradip	On Percentage		
												Haldia Dock Complex	Kolkata Dock System	All Ports
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1995-96	48.82	63.27	56.29	71.34	69.17	75.07	72.07	57.31	-	62.95	59.25	58.12	74.95	51.71
1996-97	45.09	59.89	49.45	75.58	73.97	76.28	62.14	58.64	-	58.16	54.58	61.56	71.56	57.71
1997-98	49.57	63.16	59.72	75.89	49.00	68.85	59.09	78.18	-	61.46	60.91	62.04	72.70	60.48
1998-99	47.01	56.16	53.03	73.44	46.42	71.57	55.36	68.22	-	64.74	59.16	59.02	70.52	59.22
1999-00	57.12	71.52	64.78	83.02	59.25	79.49	52.26	56.59	-	63.21	65.02	71.96	76.21	49.57
2000-01	59.14	75.37	61.86	77.40	65.26	87.03	57.37	78.81	-	56.63	58.26	72.02	87.61	71.07
2001-02	53.79	107.05	64.72	57.47	62.27	83.56	52.47	67.58	-	65.12	51.58	62.76	120.27	76.32
2002-03	59.41	86.38	57.37	79.76	55.53	82.35	42.69	32.87	76.25	56.62	67.00	51.02	58.71	57.27
2003-04	85.01	58.91	45.12	50.40	47.44	73.75	46.95	62.56	65.40	63.01	67.56	63.72	63.80	66.15
2004-05	78.60	81.78	43.76	64.67	48.21	70.42	51.58	70.82	41.02	48.70	51.81	58.75	102.21	59.35
2005-06	73.19	50.43	43.14	59.63	40.38	70.49	48.76	70.37	42.38	44.64	52.76	59.86	73.21	60.59
2006-07	50.21	89.73	60.23	64.37	47.15	67.58	51.71	72.49	42.90	46.00	54.02	49.35	74.63	59.84
2007-08	62.95	76.33	45.87	52.11	50.59	69.69	37.68	63.07	34.71	45.87	47.38	65.59	72.75	54.38
2008-09	72.90	81.42	38.22	64.73	41.02	80.79	35.31	69.22	32.05	49.40	49.74	53.80	93.85	50.85
2009-10	79.87	77.46	30.65	79.77	50.40	53.79	41.81	67.54	27.36	53.39	61.41	65.44	52.15	70.83

Table 3.2.12 Employment of Manpower at Major Ports as on 31st March (2000-2009)

PORT	Year									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1	2	3	4	5	6	7	8	9	10	11
KUJ	4208	4504	4152	3899	3700	2674	3508	3414	4737	4146
MARUT(a)	31100	29780	28650	22217	21470	14007	15282	14930	14451	14038
LDH	1030	1838	1898	1620	1040	1784	1778	1788	1785	1776
MOPT	4599(a)	4482(a)	3778(a)	3550(a)	3990(a)	3249(a)	3135(a)	3072	3045	2557
MMPT(b)	2483	2421	2274	2250	2174	1906	1938	1922	1770	1418
COPT(c)	9328	9378	4148	4414	4302	9050	9840	4077	4306	4105
TPTOL	4007	3741	3057	2085	2788	2558	2574	2407	2209	2224
CHPT	12875	12251	10989(a)	11128(a)	10774(a)	10471(a)	8082(a)	5002	9085	8117
EPL	-	-	16	17	17	21	20	41	58	86
VPT	9108	6500	8545	1237	5078	5590	2216	2208	9059	5782
PPT	4152	4116	3510	2612	2407	3206	9158	9013	2810	1751
MD&I	14514	8753	8073	8145	7561	6006	8530	8158	5825	5578
HUC	5000	4011	4004	4472	4286	4104	3054	3705	3651	3620
ALL MAJOR PORTS	65010	63771	79873	64989	61408	52147	67620	67111	70577	59875

(a) IX merged with Port.

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

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

Table 3.2.13

Number of Dock Workers Registered With DLE'S of Major Ports (As on 31st March, 2000-2009)

(In Numbers)

PORT	Year									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1	2	3	4	5	6	7	8	9	10	11
KPT	828	826	825	784	770	744	708	644	(3)	(4)
MBPT	(4)	(4)	(4)	(4)	(4)	(3)	(4)	(3)	(4)	(3)
MMPT	(4)	(3)	(4)	(3)	(4)	(3)	(4)	(3)	(3)	(4)
GMPT	(3)	(4)	(4)	(4)	(3)	(4)	(3)	(4)	(3)	(4)
CHPT	355	757	(3)	(4)	(3)	(3)	(4)	(4)	(3)	(4)
VPT	135	321	115	1158	1115	1032	943	858	929	-
KDS	1557	1597	1439	1237	887	602	431	250	155	177
TOTAL	4518	4238	3890	3187	2187	2020	2105	1602	1130	177

(3) Dock Labour Board assigned with Port Trust.

1.

Table 3.2.14

Number of Dock Workers Listed with Major Ports (As On 31st March, 2000-2009)

(In Numbers)

PORT	Year									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1	2	3	4	5	6	7	8	9	10	11
CHPT	115	110	(4)	(3)	(3)	(3)	(3)	(4)	(3)	(4)
VPT	204	535	447	74	116	110	152	159	138	-
TOTAL	319	645	447	74	115	107	152	159	138	-

(4) DLE assigned with Port.

Table 3.3.1

Trend in Cargo Traffic Movement At Non-Major Ports
State-Wise

Sl. No. ¹ Y.T.	Domestic			Cumeral			(in '000 tonnes)		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
GUJARAT									
1986-87	11298	5284	16582	1496	2896	4392	14785	5134	22022
1987-88	20978	4852	25830	7522	7234	14756	31502	15050	46552
2000-01	35155	14000	49155	6721	1613	8334	41917	26342	68259
2001-02	45323	16110	61433	5763	11747	17510	61089	30748	91837
2002-03	43445	17030	60475	7300	12341	19641	51064	30228	81292
2003-04	45309	20625	65934	8435	12560	21095	63047	31305	94352
2004-05	50238	14372	64610	8571	12462	21033	58307	38534	96841
2005-06	53207	28480	81687	9872	11185	21057	58822	37045	95867
2006-07	77431	21070	98501	2150	11105	13255	58501	44684	103185
2007-08	81761	40210	121971	4875	7275	12150	102438	45082	150520
2008-09	99773	34717	134490	10021	7430	17451	110031	42177	152208
MADHARASHTRA									
1980-81	3200	178	3378	1740	118	1858	4849	247	5146
1981-82	2711	92	2803	2041	300	2341	7554	282	7836
2000-01	1772	82	1854	3177	394	3571	5849	385	6234
2001-02	1272	-	1272	3203	472	3675	4455	410	4865
2002-03	2800	70	2870	4032	453	4485	3022	393	3415
2003-04	3121	232	3353	4260	329	4589	8301	1011	9312
2004-05	5782	1108	6890	4751	442	5193	10413	1610	12023
2005-06	4319	1028	5347	4911	650	5561	8420	1710	10130
2006-07	6441	765	7206	6302	432	6734	10387	1157	11544
2007-08	2040	1520	3560	5888	317	6205	9000	1817	10817
2008-09	2868	2375	5243	7213	310	7523	7798	2710	10508
GOA									
1981-82	101	188	289	102	203	305	206	146	2174
1982-83	92	212	304	30	118	148	126	258	2484
2000-01	609	2132	2741	158	239	397	707	2421	3182
2001-02	197	1813	2010	315	402	717	513	2346	2754
2002-03	332	5011	5343	42	158	200	384	5140	5524
2003-04	418	7804	8222	-	34	34	415	3018	3436
2004-05	251	7635	7886	-	16	16	251	7211	7462
2005-06	323	11340	11663	-	44	44	332	11320	11652
2006-07	270	13982	14252	-	35	35	270	14027	14300
2007-08	82	12057	12139	-	72	72	82	12700	12782
2008-09	-	11901	11901	-	1	1	0	11501	11501
CHANDIGARH									
1986-87	-	-	-	-	-	-	-	-	-
1987-88	-	-	-	-	-	-	-	-	-
2000-01	-	-	-	-	-	-	-	-	-
2001-02	-	-	-	-	-	-	-	-	-
2002-03	-	-	-	-	-	-	-	-	-
2003-04	-	-	-	-	-	-	-	-	-
2004-05	-	-	-	-	-	-	-	-	-
2005-06	-	-	-	-	-	-	-	-	-
2006-07	-	-	-	-	-	-	-	-	-
2007-08	-	-	-	-	-	-	-	-	-
2008-09	-	-	-	-	-	-	-	-	-

* Containers cargo included in the total of 178.52 tonnes.

* Container cargo included in the total of 178.52 tonnes.

* Container cargo included in the total of 178.52 tonnes.

Table 3.3.1(Contd...)

Trend in Cargo Traffic Handled At Non-Major Ports

State-Wise

(in '000 tonnes)

State-wise									
States/	Overseas			Coastal			Overseas & Coastal		
U.T.	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
KARNATAKA									
1989-90	03	58	158	115	129	243	187	217	404
1990-91	189	238	878	122	123	245	281	362	643
2000-01	180	227	412	110	81	201	290	321	611
2001-02	172	301	473	123	150	273	285	431	716
2002-03	170	238	411	97	101	201	272	401	673
2003-04	284	764	968	54	116	170	344	820	1164
2004-05	984	2075	3059	51	80	131	445	3091	3226
2005-06	150	3505	3773	161	183	344	316	3768	4117
2006-07	151	8890	9041	184	110	310	352	9238	9548
2007-08	46	8613	8659	132	82	214	184	8791	8905
2008-09	55	4798	4853	37	80	117	82	4888	5000
KERALA									
1990-91	-	54	54	211	30	60	20	84	104
1991-92	0	52	65	36	30	66	34	62	120
2000-01	1	3	4	54	30	90	55	39	94
2001-02	1	2	3	61	32	124	82	35	127
2002-03	0	-	2	47	21	80	58	33	89
2003-04	-	-	-	40	12	54	31	18	52
2004-05	7	7	14	38	20	67	40	25	65
2005-06	37	12	63	47	22	85	84	51	136
2006-07	48	-	48	65	61	126	111	81	197
2007-08	1	11	11	37	28	65	47	87	134
2008-09	-	21	21	48	62	110	48	83	131
TAMIL NADU									
1991-92	70	-	76	-	394	214	71	264	430
1992-93	102	8	110	-	314	214	107	312	414
2000-01	122	-	122	44	152	206	172	162	334
2001-02	103	-	103	160	254	414	274	264	538
2002-03	75	-	75	320	146	466	402	155	557
2003-04	82	-	82	430	171	601	512	178	690
2004-05	81	18	99	463	216	679	547	307	854
2005-06	115	-	115	333	258	591	465	260	725
2006-07	118	18	136	411	331	742	527	278	805
2007-08	154	14	168	462	282	744	621	266	887
2008-09	63	-	66	515	290	805	600	268	868
PUDUCHERRY									
1991-92	23	-	23	-	-	-	23	-	23
1992-93	-	-	-	-	-	-	-	-	-
2000-01	26	-	26	-	-	-	26	-	26
2001-02	35	-	35	-	-	-	35	-	35
2002-03	11	5	16	-	-	-	11	5	16
2003-04	37	71	108	-	-	-	37	71	108
2004-05	33	23	56	-	-	-	33	23	56
2005-06	40	45	85	-	11	11	40	56	96
2006-07	10	15	25	-	-	-	10	15	25
2007-08	10	-	10	-	-	-	10	-	10
2008-09	47	-	47	-	-	-	47	-	47

Table 3.3.1(Contd...)

Trend in Cargo Traffic Handled at Non-Major Ports
- State-Wise

(In '000 Tonnes)

States/ U.T.	Overseas			Coastal			Overseas & Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
ANDHRA PRADESH									
1998-99	1118	1176	2294	414	1547	1961	1532	2676	4208
1999-00	2047	532	2579	762	2540	3302	2830	3111	5941
2000-01	1755	220	1975	385	2560	2945	2050	2719	4769
2001-02	1295	600	1895	165	2761	2926	2153	3141	5294
2002-03	3579	3522	7101	104	2731	2835	3633	3451	7084
2003-04	5244	1369	6613	220	3183	3403	5460	4262	9722
2004-05	8114	2003	10117	631	2442	2473	6165	5502	11667
2005-06	9130	6134	15264	658	2777	3435	8575	6356	14931
2006-07	12957	5862	18819	838	2774	3612	8455	5658	14113
2007-08	18600	7151	25751	538	2702	3240	9407	3657	13064
2008-09	14589	11842	26431	636	3257	3893	15307	14133	29440
CHHISGARH									
1998-99	-	120	120	-	-	-	-	120	120
1999-00	-	154	154	-	-	-	-	154	154
2000-01	5	134	140	-	-	-	8	134	140
2001-02	4	14	18	-	-	-	4	14	18
2002-03	-	-	-	-	-	-	-	-	-
2003-04	-	-	-	-	-	-	-	-	-
2004-05	-	-	-	-	-	-	-	-	-
2005-06	-	-	-	-	-	-	-	-	-
2006-07	-	-	-	-	-	-	-	-	-
2007-08	205	38	243	-	-	-	205	38	243
2008-09	201	34	235	-	-	-	201	34	235
ANDAMAN NIOBAR ISLANDS									
1998-99	22	-	22	422	218	640	404	240	644
1999-00	14	-	14	513	214	727	527	214	741
2000-01	-	-	-	440	115	555	450	115	565
2001-02	-	-	-	440	363	803	455	382	837
2002-03	-	-	-	520	203	723	530	203	733
2003-04	-	-	-	463	281	744	760	281	1041
2004-05	5	-	5	530	247	777	635	247	882
2005-06	4	-	4	535	275	810	540	275	815
2006-07	6	-	6	1014	544	1558	320	544	1604
2007-08	9	-	9	1341	824	2165	360	824	2289
2008-09	78	-	78	1252	815	2067	1394	815	2209
LAKSHADWEEP									
1998-99	-	-	-	23	-	23	23	-	23
1999-00	-	-	-	132	-	132	132	-	132
2000-01	-	-	-	150	-	150	150	-	150
2001-02	-	-	-	121	-	121	121	-	121
2002-03	-	-	-	130	-	130	130	-	130
2003-04	-	-	-	25	-	25	25	-	25
2004-05	-	-	-	25	-	25	25	-	25
2005-06	-	-	-	25	-	25	25	-	25
2006-07	-	-	-	25	-	25	25	-	25
2007-08	-	-	-	25	-	25	25	-	25
2008-09	-	-	-	25	-	25	25	-	25

Table 3.3.1(Contd...)

Trend of Cargo Traffic Handled at Non-Major Ports
- State-Wise

(In 000 Tonnes)

State/ UT,	Overseas			Coastal			Overseas & Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
TOTAL									
1993-00	15921	8428	24349	8100	5010	13110	22287	14038	36325
1995-00	21124	0134	22258	10200	13400	23600	41325	22054	63379
2000-01	43722	17587	61309	12850	19192	32042	55767	32770	88537
2001-02	4976	1982	6958	12456	1932	28567	58839	17054	75893
2002-03	59046	27102	86148	14040	13233	27273	84604	40385	124989
2003-04	58110	31165	89275	14121	17148	31269	75631	48304	123935
2004-05	65423	38104	103527	13525	18428	31953	83853	56372	140225
2005-06	80577	45838	126415	16470	15354	31824	99017	64072	163089
2006-07	90763	43942	134705	17458	27310	44768	107751	70061	177812
2007-08	107340	70866	178206	16572	12802	29374	124112	77167	201279
2008-09	117339	50760	168099	18406	17171	25577	135845	67937	203782

Table 3.3.2

UNPRO Traffic Halted At Non-Major Ports
-State-44 (4) COMMUNITY WISE

1,0000 Grams:

Sl. No.	Year	Food & Products	Minerals	Building Material	Coal	Fertilizer & Pesticide	Others	Total
1	2	3	4	5	6	7	8	9
GUJARAT								
1994-95	2644	3131	3703	507	1206	5812		16343
1995-96	2073	1560	3211	1079	1431	7638		16481
1996-97	5772	2514	3250	2441	1208	6818		15658
1997-98	6452	3203	4915	3654	1873	7673		27710
1998-99	3740	2831	5077	6157	1948	7107		22125
1999-00	21706	3363	7005	9034	2420	9324		40637
2000-01	42739	7313	7810	5753	1979	7532		67255
2001-02	40480	2146	7387	7858	1033	10137		70535
2002-03	46851	3430	8381	2762	1081	8023		51051
2003-04	52532	4232	11778	6560	1589	10307		57012
2004-05	60470	4552	11512	3876	2242	11706		68141
2005-06	60118	5191	11600	10541	3636	13018		79527
2006-07	71154	5713	12731	11309	4730	27643		101205
2007-08	80434	7076	12310	13715	4337	35057		121171
2008-09	57302	5931	9625	18464	6092	25158		102811
MAHARASHTRA								
1994-95	-	1702	811	-	-	33		2446
1995-96	-	2818	701	-	-	154		3471
1996-97	-	2345	723	379	-	29		4244
1997-98	18	2482	748	851	-	584		4525
1998-99	509	2652	1448	528	0	652		5185
1999-00	761	3077	1254	475	0	514		6045
2000-01	485	3468	1278	305	0	410		6045
2001-02	95	2077	1354	325	-	603		4457
2002-03	92	4367	1249	1587	-	351		5625
2003-04	113	4573	1331	2511	117	1212		7332
2004-05	320	5171	1238	2681	109	1270		7241
2005-06	230	5647	1481	2555	30	1838		7156
2006-07	576	4082	1777	2230	473	1837		7150
2007-08	368	5735	2257	1847	442	2547		7153
2008-09	-	4271	2052	1450	277	2654		7040
GOA								
1994-95	-	-	-	-	-	717		217
1995-96	-	-	-	-	-	107		107
1996-97	-	135	-	185	-	26		345
1997-98	-	731	-	236	-	18		985
1998-99	-	3684	-	104	-	6		2174
1999-00	-	2306	-	82	-	77		2465
2000-01	-	2710	-	410	-	40		2453
2001-02	-	2532	-	543	-	78		2854
2002-03	-	5170	-	350	-	40		5674
2003-04	-	5107	-	618	-	11		5436
2004-05	-	8163	-	-	-	5		8201
2005-06	-	11428	-	113	-	1		11702
2006-07	-	14097	-	279	-	-		14076
2007-08	-	12733	-	39	-	-		12825
2008-09	-	11501	-	-	-	-		11501

1.5 1/2000 (2000) 2/1999 is included

Table 3.3.2(Contd...)

Garage Traffic Handled at Non-Header Ports
-Surat-Wasa

(in thousands)

Sl. No.	Port & Headline	Iron ore	Building Material	Coal	Food Grain & Flour	Others	Total
1	2	3	4	5	6	7	8
DAMAN & DIU							
1984-85							
1985-86							
1986-87							
1987-88							
1988-89							
1989-90							
2000-01							
2001-02							
2002-03							
2003-04							
2004-05							
2005-06							
2006-07							
2007-08							
2008-09							
KARMAJAKA							
1984-85							
1985-86			20		126	248	456
1986-87			40		242	241	523
1987-88					40	614	524
1988-89					57	407	604
1989-90					47	357	604
1990-91	11				74	538	523
2000-01	53				89	554	676
2001-02	133				51	502	786
2002-03	132				31	413	672
2003-04	154	482	0		29	459	1108
2004-05	108	7724	8		15	658	8495
2005-06	82	3328	9	4	30	570	4117
2006-07	141	3775	10	2	102	521	5551
2007-08	55	8742	5		26	751	9589
2008-09	17	4285	7	10	29	518	4966
KELUALA							
1984-85			13			179	192
1985-86			10			188	198
1986-87			10			51	71
1987-88			15			107	112
1988-89						104	104
1989-90			24			35	120
2000-01			39			55	94
2001-02			85			58	127
2002-03			50			68	118
2003-04	3		6			49	58
2004-05	4		16			55	75
2005-06	12		11			132	155
2006-07	12		16			144	172
2007-08	2		18			85	105
2008-09	11		40			60	121

Table 3.3.2(Contd...)

Cargo Traffic Handled At Non-Major Ports

- State-Wise

(in '000 tonnes)

States	POL & Petroleum	Iron Ore	Building Materials	Coal	Fertiliser & PGM	Others	Total
1	2	3	4	5	6	7	8
TAMIL NADU							
1954-55	-	-	-	-	53	71	124
1955-56	-	-	-	-	75	43	116
1956-57	-	-	-	-	5	26	31
1957-58	208	-	-	-	51	11	269
1958-59	304	-	-	-	51	25	479
1959-60	301	-	-	-	44	16	411
2003-01	215	-	-	-	55	73	343
2001-02	425	-	-	-	63	55	543
2002-03	527	-	-	-	50	25	602
2003-04	811	-	3	-	64	26	899
2004-05	755	-	18	-	55	25	853
2005-06	682	-	-	-	58	13	753
2006-07	767	-	3	-	60	81	911
2007-08	713	-	5	-	63	75	856
2008-09	803	-	-	-	71	74	948
PUDUCHERRY							
1954-55	-	-	-	-	3	23	26
1955-56	-	-	-	-	2	63	65
1956-57	-	-	-	-	-	45	45
1957-58	-	-	-	-	-	-	-
1958-59	-	-	-	-	-	23	23
1959-60	-	-	-	-	-	-	-
2000-01	-	-	-	-	-	76	76
2001-02	-	-	-	-	-	65	65
2002-03	-	-	-	-	-	18	18
2003-04	-	-	67	-	-	41	108
2004-05	-	-	24	-	-	35	59
2005-06	-	-	57	-	-	38	95
2006-07	-	-	17	-	-	17	34
2007-08	-	-	-	-	-	10	10
2008-09	-	-	-	-	-	47	47
ANDHRA PRADESH							
1954-55	-	-	-	-	439	352	791
1955-56	-	-	-	-	838	1625	2463
1956-57	722	-	-	-	350	1146	2218
1957-58	1789	-	-	-	551	1155	3535
1958-59	1881	-	-	-	758	1548	4187
1959-60	2100	-	-	-	1200	1814	5114
2000-01	2770	-	-	-	851	1117	4738
2001-02	3285	-	-	-	992	1297	5574
2002-03	5120	-	-	-	572	3141	9233
2003-04	5485	36	484	2	1121	1487	8105
2004-05	5656	957	210	-	1303	1541	9667
2005-06	6007	3076	110	135	1437	2811	13566
2006-07	6411	3836	345	135	1650	3210	15587
2007-08	9203	3509	97	40	1577	4300	19626
2008-09	5433	2456	155	3320	3231	3211	25720

Table 3.3.2(Contd...)

Cargo Traffic Handled at Non-Hub Airports
- Tamil Nadu

In '000 Tonnes							
Sl. No.	ICL & Products	Iron ore	Mineral	Coal	Fertiliser & PPM	Others	Total
1	2	3	4	5	6	7	8
ORISSA							
1984-85	-	-	-	-	106	36	200
1985-86	-	-	-	-	165	9	174
1990-91	-	-	-	-	120	19	139
1997-98	-	-	-	-	-	20	20
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	-	-	200	50	285
2008-09	-	41	-	-	220	52	285
ANDAMAN NICOBAR ISLANDS							
1984-85	72	-	99	-	-	17	188
1985-86	77	-	83	-	-	130	289
1990-91	74	-	80	-	-	12	256
1997-98	76	-	87	-	-	408	571
1998-99	81	-	109	-	-	496	686
1999-00	84	-	103	-	-	64	251
2000-01	119	-	124	-	-	372	565
2001-02	122	-	175	-	-	520	817
2002-03	110	-	213	-	-	407	730
2003-04	127	-	212	-	-	340	684
2004-05	14	-	368	-	2	38	402
2005-06	136	-	412	-	17	350	915
2006-07	155	-	444	-	18	388	1005
2007-08	177	-	1467	-	2	522	2168
2008-09	183	-	1120	-	4	720	2027
LAKSHADWEEP							
1981-82	-	-	-	-	-	NA	NA
1982-83	-	-	-	-	-	NA	NA
1995-97	-	-	-	-	-	NA	NA
1997-98	-	-	-	-	-	20	20
1998-99	-	-	-	-	-	23	23
1999-00	-	-	-	-	-	180	180
2000-01	-	-	-	-	-	150	150
2001-02	-	-	-	-	-	101	101
2002-03	-	-	-	-	-	180	180
2003-04	-	-	-	-	-	20	20
2004-05	-	-	-	-	-	28	28
2005-06	-	-	-	-	-	26	26
2006-07	-	-	-	-	-	25	25
2007-08	-	-	-	-	-	28	28
2008-09	-	-	-	-	-	28	28

Table 3.3.2(Contd...)

Cargo Traffic handled at New Water Ports
- SLIDE-WAYS

(in MT tonnes)

Sl. No.	Port & Products	Function	Building (months)	Cost	Sanitary & PHM	Others	Total
1	2	3	4	5	6	7	8
TOTAL							
1984-85	27.16	7983	4054	987	2012	7531	25267
1985-86	2745	4174	4123	1078	2551	10195	25710
1986-87	4568	6518	4662	2526	1921	9103	27537
1987-88	3620	6427	5415	4741	2305	10420	28507
1988-89	6238	7046	6372	4930	2712	9128	30366
1989-90	27744	2751	7222	3807	3744	3331	50889
1990-91	49886	8517	8872	9093	2858	10514	87306
2001-02	42540	7656	9656	8000	3651	13774	95624
2002-03	45781	12996	11776	10984	2250	14224	108241
2003-04	60101	17130	13331	8561	3788	14906	115337
2004-05	67785	21387	14132	13518	3909	18238	138500
2005-06	69724	28540	13384	13968	6574	18881	150110
2006-07	61240	39073	14381	14015	8618	31575	174202
2007-08	81035	34223	18204	15410	7112	42302	206378
2008-09	87816	35843	19250	21457	2875	35072	213222

NOTE: Total cargo handled by all the ports.

Table 3.3.3

Transshipment Traffic at Non-Major Ports

(in '000 tonnes)

State/Port	Commodity	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
1	2	3	4	5	6	7	8	9
GUJARAT								
Sikka	Crude Oil	-	-	-	-	-	-	-
Bar	Iron Ore	-	-	-	-	-	-	-
Pharwadaj	Iron Ore	-	-	-	-	-	-	-
	Iron Scrap	-	-	-	-	-	-	-
	Lime stone	-	-	-	-	-	-	-
Magdalla	EDC	-	-	-	-	-	-	-
	Paraffin	-	-	-	-	-	-	-
GAPL								
MAHARASHTRA								
Dharwar		3434	3485	7145	5935	3407	5940	4850
ANDHRA PRADESH								
Kakinada		-	-	-	-	-	-	-
Deep water	Crude oil	-	2	-	-	5	-	6724
TAMIL NADU								
Ouddalore		-	-	-	-	-	-	-
Kankai		-	-	-	-	-	-	-
Kovilakal/Payyambur		-	-	-	-	-	-	35
Total Transshipment		3434	3487	7145	5935	3412	5940	1510

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
1999-00	3	3	79053	80800	79056	80833
2000-01	4	4	70821	75843	70825	75847
2001-02	2	2	68525	65652	68527	55361
2002-03	1	-	68685	63051	58686	68051
2003-04	-	-	73204	56811	73204	56811
2004-05	1	2	75552	71971	75554	71873
2005-06	-	-	132198	10477	132199	70477
2006-07	21	21	80832	74348	80853	74370
2007-08	16	133	83581	77318	83597	77450
2008-09	23	23	91981	80384	91904	81027

Table 3.3.5

Passenger Traffic Handled at New Major Port - Intermediate Stages-1995

in '000 Nos.

State/UT	1995-00	2000-01	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
1	2	3	4	5	6	7	8	9	10	11
GUJARAT	6	3	-	-	-	-	-	-	-	-
Embarked	3	2	-	-	-	-	-	-	-	-
Disembarked	3	1	-	-	-	-	-	-	-	-
MADHARASHTRA	142070	151443	156682	159000	166713	170577	181380	180350	183172	192144
Embarked	70176	80738	80758	80014	82174	87057	101675	82492	80637	107117
Disembarked	71900	69705	57924	78986	84539	83520	79705	97858	102535	85027
GOA	-	-	-	-	-	-	-	-	-	-
Embarked	-	-	-	-	-	-	-	-	-	75
Disembarked	-	-	-	-	-	-	-	-	-	-
KERALA	74	73	77	73	57	33	18	115	123	109
Embarked	34	34	35	33	32	30	30	36	33	33
Disembarked	40	39	41	40	25	3	12	79	90	76
TAMILNADU	16350	16345	13338	18100	15337	14751	12617	14925	15792	15920
Embarked	8172	2172	6903	6863	7878	5729	5125	7170	8035	8000
Disembarked	8178	2172	6992	5963	7070	5729	5125	7755	7757	7920
KARNATAKA	-	-	-	23	10	11	23	19	7	30
Embarked	-	-	-	10	2	6	11	11	4	15
Disembarked	-	-	-	13	8	5	12	8	3	15
ANDAMAN GROUP	1428	1500	1720	770	4839	5255	10070	8768	11022	12061
Embarked	578	690	782	515	2300	2678	5750	4874	5547	5835
Disembarked	850	810	938	255	2539	2577	4320	3894	5475	6226
ALL MAJOR INTERMEDIATE PORTS	178876	189471	194956	196770	176064	147577	202075	188353	171076	175217
Embarked	30050	33128	33527	32506	32217	35604	33210	30050	30757	33004
Disembarked	148380	156343	161429	164264	143847	111973	168865	158303	140319	142213

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

Table 3.2.6

Not-Major Ports in Various Maritime States-Wise											
(In Number)											
Type of vessels/year	1	2	3	4	5	6	7	8	9	10	11
		Gujarat	Mahara- shtra	Goa	Karnat- aka	Kerala	Tamil Nadu	Pud- cherry	Andhra Pradesh	Orissa	Sea (a) Island
STEAMERS											
2002-03	4639		674	63	55	73	22	13	110	-	6153
2003-04	4050		676	-	209	95	39	25	251	-	5563
2004-05	3743		545	-	277	88	41	25	245	-	6580
2005-06	2878		1092	-	186	35	24	25	301	-	3627
2006-07	5224		714	-	199	138	88	19	345	-	7543
2007-08	6136		865	-	171	187	45	9	393	-	8137
2008-09	3741		867	-	115	211	120	12	1213	-	7324
SAILING VESSELS											
2002-03	5302		15161	-	783	246	52	-	100	-	1782
2003-04	4136		2525	207	841	258	77	-	84	-	863
2004-05	4830		15325	323	827	297	119	-	122	-	1024
2005-06	4728		1720	50	733	207	34	-	138	-	146
2006-07	9490		13133	273	756	285	37	-	350	16	2330
2007-08	5522		11270	297	84	304	269	-	388	16	2334
2008-09	5805		1332	192	767	390	393	-	1234	16	2450
TOTAL											
2002-03	9972		15825	68	127	324	32	13	210	-	1235
2003-04	9126		26359	207	1050	384	118	25	332	-	6121
2004-05	3538		15371	320	827	295	163	26	367	-	7630
2005-06	8792		2792	63	822	239	113	25	499	-	10135
2006-07	10812		13547	273	954	292	38	19	633	-	9823
2007-08	11058		12125	307	289	351	375	3	1071	13	10521
2008-09	12546		12497	192	867	301	458	12	2447	16	10254

(a) Data received from Indian & Foreign sources.

* Estimated by Census & Maps Department.

Table 3.3.7 Employment of Manpower At Non Major Ports As On 31st March

(In numbers)

PORT	Year									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
	2	3	4	5	6	7	8	9	10	11
GUJARAT	2026	2171	2141	2652	2042	1818	1386	1740	175	1050
MAHARASHTRA	173	170	177	170	163	164	154	154	153	132
GOA	147	159	166	186	186	174	131	130	145	140
DAMAN & DIU	22	22	22	22	22	22	22	22	22	22
KARNATAKA	80	77	71	30	78	105	104	100	527	140
KERALA	271	374	351	310	257	121	121	155	181	175
TAMIL NADU	177	110	115	110	73	80	65	58	82	80
PUDUCHERRY	80 ¹	62	62	78	75	75	70	42	33	50
ANDHRA PRADE	104	107	107	104	32	83	57	57	69	200
ANDAMAN & NICOBAR Island	454	477	474	477	470	469	462	447	462	464
Orissa	NA	NA	NA	NA	NA	NA	NA	NA	110	115
TOTAL	3220	4010	4010	4213	3341	3063	2457	2454	1862	1020

¹ Figure re Alibet, Concor & Malpe Port only.

SECTION – II

4. INTERNATIONAL PORT STATISTICS

Table 4.1

World Port Rankings - Port Rankings by TEU of
Total Container Handled - 2004-2009

(In '000 TEU)

Rank (2007)	Port Name(s)	Country	Period	2006	2007	2008	2009	2010	Year on year growth 2007	Avg. year growth 2003-2009
1	2	3	4	5	6	7	8	9	10	11
1	Singapore	Singapore	CY	29918	27375	24792	23122	21329	7.1	8.8
2	Shanghai	China PR of	CY	27821	26157	15531	16671	14019	7.0	15.0
3	Hong Kong	China PR of	CY	24704	29629	27528	27992	21954	2.1	2.7
4	Shenzhen	China PR of	CY	21413	21029	12259	15995	19255	1.5	11.6
5	Buenos Aires	Argentina	CY	19448	19255	12006	11017	11415	1.4	4.2
6	Orleans-Est	USA	CY	11827	10790	8613	7670	9420	11.1	10.6
7	Ningbo	China PR of	CY	11230	9490	7037	610	4007	19.0	19.4
8	Guangzhou	China PR of	CY	11000	8034	6477	4500	5905	16.3	30.0
9	Rotterdam	Netherlands	CY	10704	10001	9500	9229	8771	4.1	5.2
10	Qingdao	China PR of	CY	10320	9467	7705	6307	5129	3.1	10.0
11	Hamburg	Germany	CY	9737	8817	4562	3095	7011	4.8	1.0
12	Kaohsiung	Taiwan	CY	8871	10207	5776	3471	3714	3.7	4.1
13	Amsterdam	Netherlands	CY	8053	8176	7012	5422	6234	2.0	9.3
14	Tianjin	China PR of	CY	8800	7103	5945	4073	3145	19.7	22.2
15	Port Klang	Malaysia	CY	7074	7118	4723	5544	5243	2.0	11.0
16	Los Angeles	USA	CY	7170	1355	8470	7450	7270	4.0	1.8
17	Long Beach	USA	CY	6483	7812	7940	6710	5080	-11.8	2.0
18	Bremen Ports	Germany	CY	6100	4722	4444	3749	3409	15.3	12.5
19	Tanjung Pagar	Malaysia	CY	5468	5298	4037	4041	3096	3.2	9.3
20	New York-New Jersey	USA	CY	5283	6785	5043	4165	4473	0.9	4.1
21	Laem Chabang	Thailand	RY	5122	7611	7674	5188	3690	10.2	8.6
22	Amman	China PR of	CY	5082	7677	4013	2342	2865	3.8	16.1
23	Dalian	China PR of	CY	4789	3813	3012	2061	2717	15.4	18.2
24	Tanjung Priok	Indonesia	CY	3484	3650	3420	3782	3248	3.0	0.2
25	Minamotsu	India	CY	3033	4070	2248	2870	2371	2.6	17.0
26	Tokyo	Japan	CY	3737	3721	2906	2056	3158	2.2	2.6
27	Cebu	Philippines	CY	3610	3152	2075	2455	2321	5.1	13.0
28	Valencia	Spain	CY	3679	3043	2812	2836	3176	10.1	13.8
29	Yokohama	Japan	RY	3451	3429	3200	2873	2118	1.5	6.4
30	Gdańsk	Poland	CY	3451	3445	2938	3250	3170	1.0	7.4
31	Jeddah	Saudi Arabia	CY	3376	3068	2803	2735	2428	8.4	5.2
32	Algeiras-La Linea	Spain	CY	3324	3171	3237	3180	2086	2.5	3.7
33	Felixstowe	United Kingdom	CY	3251	3342	3034	2790	2714	3.7	4.8
34	Mina Rayut	Oman	CY	3193	2891	2750	2402	2225	10.2	0.3
35	Manila	Philippines	CY	2887	2843	2710	2500	2652	1.8	2.7
36	Nagoya	Japan	CY	2811	2890	2737	2491	2804	2.7	5.3
37	Saigon New Port	Viet Nam	CY	2707	1810	1400	1034	700	47.5	22.7
38	Santos	Brazil	CY	2675	2093	2140	2282	1853	5.8	8.7
39	Durban	South Africa	RY	2642	2478	2194	1819	1621	0.6	11.8
40	Seaworld	USA	CY	2615	2604	2180	1971	2553	0.5	12.0
41	Barcelona	Spain	CY	2570	3210	2318	2071	2416	1.0	7.6
42	Kobe	Japan	CY	2517	2218	1885	1850	1751	28.8	2.4
43	Vancouver	Canada	RY	2422	2307	2207	1737	1886	5.0	10.6
44	La Havre	France	CY	2450	2520	2132	2110	2107	7.1	3.5
45	Montreal	Canada	CY	2170	2257	2003	1500	1810	2.0	5.0
46	Margate	Italy	RY	2100	1801	1475	1300	1491	21.0	12.0
47	Osaka	Japan	CY	2034	2289	2852	2774	2045	3.4	2.2
48	Zeebrugge	Belgium	CY	2010	2021	1673	1402	1137	8.7	16.6
49	Batavia	Indonesia	CY	2189	1001	607	674	475	16.2	47.9
50	Port of Los Angeles	USA	CY	2121	1713	1010	810	...	20.0	...

(a) Ranking is based on latest available figures (151 Port Data Base is working more than 400 ports).

CY - Calendar Year

RY - Fiscal Year

Source: Shipping Statistics Year Book 2009 published by International Shipping Economics And Logistics (ISEL)

Table 4.2

World Port Traffic - Port Traffic League by Total Cargo Traffic 2004-2008

In Millions T

S.No.	Port (Country)	Country	Period	Unit	2004	2005	2006	2007	2008	Yearly growth 2004	Avg. Yearly growth 2004-2008
1	2	3	4	5	6	7	8	9	10	11	12
1	Shanghai	China, PR of	CY	MT	370.7	445.7	477.4	452.7	544.4	5.0	7.0
2	Singapore	Singapore	CY	FT	260.4	275.2	441.5	453.8	515.3	6.6	7.0
3	Rotterdam	Netherlands	CY	MT	252.8	270.2	378.2	406.3	421.7	8.5	4.6
4	Manila	China, PR of	CY	MT	223.9	272.4	315.7	340.2	365.0	5.7	12.6
5	Guangzhou	China, PR of	CY	MT	215.2	241.7	302.3	348.7	347.4	1.1	19.7
6	Tianjin	China, PR of	CY	MT	208.9	240.7	267.6	304.5	335.3	16.0	15.4
7	Qingdao	China, PR of	CY	MT	151.7	161.1	224.2	265.2	278.3	9.4	14.5
8	Dinhuongdao	China, PR of	CY	MT	191.0	167.5	204.9	245.5	274.5	10.4	15.5
9	Hong Kong	China, PR of	CY	MT	230.9	233.1	236.2	245.4	243.4	0.7	4.1
10	Busan	Korea, Rep. of	CY	MT	215.0	217.2	217.3	249.5	241.7	0.3	2.0
11	Port of South Louisiana	US	CY	MT	215.1	220.4	238.4	234.4	238.3	0.3	3.0
12	Dalian	China, PR of	CY	MT	145.2	170.8	200.7	222.5	263.2	15.1	10.0
13	Osaka	Japan	FT	FT	137.8	137.4	200.0	215.8	213.1	1.2	4.6
14	Maersk	US	CY	MT	147.0	141.7	201.5	202.9	204.6	0.5	3.0
15	Shenzhen	China, PR of	CY	MT	133.2	171.9	178.0	199.0	204.0	2.5	10.6
16	Guangyang	Korea, Rep. of	CY	FT	171.5	177.5	195.1	194.2	211.9	8.5	5.3
17	Los Angeles	US	CY	MT	182.1	187.0	181.5	189.2	170.0	10.1	1.2
18	Antwerp	Belgium	CY	MT	152.3	150.1	167.4	182.8	189.4	1.7	5.8
19	Long Beach	US	CY	MT	144.0	159.2	168.5	174.0	195.6	10.0	2.0
20	Osaka	Japan	CY	MT	150.8	155.7	167.0	169.9	165.4	0.4	0.0
21	Ulsan	Korea, Rep. of	CY	MT	160.2	157.4	165.7	164.7	170.3	1.0	1.6
22	Kobe	Japan	CY	MT	152.6	137.8	135.4	144.9	145.7	0.7	1.0
23	Yokohama	Japan	CY	FT	127.0	137.8	131.2	141.0	141.0	8.0	2.8
24	Hamhung	China, PR of	CY	MT	114.0	125.8	135.0	142.9	143.4	0.4	5.4
25	Incheon	Korea, Rep. of	CY	MT	116.7	127.6	134.5	178.1	141.0	3.7	5.7
26	Port of New York	USA	CY	FT	89.8	115.7	122.0	115.5	122.3	12.4	11.1
27	London	UK	FT	MT	92.0	110.1	121.1	122.2	142.8	5.1	11.0
28	Dalian	China, PR of	CY	MT	77.4	82.7	110.0	130.9	142.5	5.6	16.7
29	Port of Auckland	Australia	FT	MT	106.5	110.6	111.5	130.7	155.5	21.3	10.1
30	Kobe	Japan	CY	FT	81.7	101.7	109.7	114.3	116.4	4.4	2.9
31	Tokyo	Japan	CY	MT	84.4	98.7	101.8	125.8	99.5	5.0	4.3
32	Yantai	China, PR of	CY	MT	94.3	96.1	60.3	124.0	114.0	7.5	33.0
33	Brussels	Belgium	CY	MT	77.0	80.5	88.4	80.0	105.2	8.5	9.1
34	Osaka	Japan	CY	MT	99.1	94.4	86.5	96.7	93.0	-3.8	0.0
35	Marshall	France	CY	MT	84.1	86.0	110.1	95.3	94.0	-0.3	0.3
36	Kobe	Japan	CY	FT	35.7	31.2	35.5	34.2	35.2	-1.0	2.7
37	Kawasaki	Australia	FT	MT	11.6	33.8	35.5	31.3	35.8	2.7	3.8
38	Amsterdam	Netherlands	FT	MT	71.2	74.9	85.3	97.8	94.8	7.0	6.7
39	Shanghai	China, PR of	CY	MT	32.0	47.1	75.4	87.7	93.8	3.2	5.4
40	Tokyo	Japan	CY	FT	31.4	32.0	30.6	37.0	31.3	1.0	2.8
41	New York	US	CY	MT	30.5	34.8	38.2	37.2	38.8	1.9	2.5
42	Shanghai	China, PR of	CY	MT	35.0	32.2	38.2	34.0	34.5	0.0	5.1
43	Tanjung Pagar	Singapore	CY	MT	27.1	31.6	38.8	31.9	37.9	0.5	11.4
44	Vancouver	Canada	CY	MT	72.8	75.0	79.0	77.7	114.5	38.5	11.7
45	Shanghai	China, PR of	CY	MT	42.5	57.2	71.0	74.2	67.0	18.5	22.2
46	Capua	US	CY	MT	78.4	78.7	78.5	81.0	75.1	-2.4	0.2
47	Osaka	Japan	CY	MT	67.6	71.9	74.9	80.8	81.1	0.3	4.6
48	Algeria	Australia	FT	MT	55.6	57.8	58.2	55.0	55.5	0.7	-0.3
49	Novosibirsk	Russia	CY	MT	55.5	70.8	81.0	79.0	84.6	7.6	5.7
50	La Havre	France	CY	MT	76.2	75.0	71.9	78.9	79.4	1.1	1.2

(a) Ranking based on total annual cargo traffic. Port Data Base comprising more than 400 ports.

Note: Data presented in table concerning the ranking of ports, in terms of total handled, need not be taken into account on a FT.

AT and MT are not directly comparable figures.

Period: CY = Calendar year; FY = Fiscal Year.

MT = Million T.

FT = Freight or RT = Revenue tonne.

Source: Shipping Conference Year Book 2009 Published by World of Shipping Economics and Logistics Ltd.

Table 4.3

Cargo Traffic - For Selected Ports in Asia - 2004-2008

Port	Year	Cargo Traffic ('000 Tonnes)					Percentage Distribution of cargo traffic					Container Traffic ('000 TEUs)				Percentage of Container Cargo Demand Cargo			
		Growth Rate (%)					General					Dry Bulk		Liquid	Loaded		Unloaded	Total	Growth Rate (%)
		3	4	5	6	7	8	9	10	11	12	13	14						
Hong Kong (China)	2004	66363	124934	220773	6.4	59.3	9.0	2.7	1586	17098	17098	27484	7.5	53.7					
	2005	65103	108586	235156	4.2	51.6	10.2	8.0	1102	17098	17098	22602	2.6	52.0					
	2006	84084	141542	293282	9.6	64.7	8.0	7.3	1475	17475	12734	28738	4.1	53.5					
	2007	104405	171724	245533	9.0	65.4	7.2	7.0	1562	17622	12741	28788	7.0	53.5					
	2008	112477	179577	255402	5.7	69.4	10.9	6.0	1302	13402	13402	24434	7.1	41.0					
Shanghai (China)	2004	37640	241120	378241	10.2	...	...	...	...	...	...	14748	24.4	...					
	2005	397739	273396	448779	15.5	...	...	...	...	...	...	16777	23.4	...					
	2006	101510	543396	637450	21.2	...	...	...	...	...	...	1833	16.3	...					
	2007	208250	954770	1163020	17.4	...	...	...	...	...	...	20750	33.2	...					
	2008	...	...	270233	3.0	...	...	...	...	...	...	21987	7.0	...					
Qingdao (China)	2004	47183	134801	182554	3.2	3.5	23.3	67.3	...	...	...	...	...	...					
	2005	47507	121205	167710	2.1	3.3	25.4	62.9	...	...	...	...	...	...					
	2006	45882	128821	167304	0.6	5.3	24.5	67.0	...	...	...	...	...	...					
	2007	45380	133813	169102	1.3	5.5	25.0	63.6	...	...	...	...	...	...					
	2008	47119	148324	185473	2.4	...	...	...	...	...	...	...	...	...					
Port Kelang (Malaysia)	2004	41367	59643	97210	12.4	33.5	7.7	5.7	...	3757	3851	5343	8.0	14.6					
	2005	46324	53036	105350	9.6	27.3	7.9	1.7	...	3758	3861	5644	5.7	24.6					
	2006	55392	59874	123304	11.8	35.4	7.0	4.4	...	3758	3780	5807	14.1	22.2					
	2007	61792	72754	135144	11.1	30.3	5.0	4.0	...	3533	5835	7112	12.5	23.2					
	2008	73882	79650	162342	12.4	31.4	3.9	3.0	...	3571	6003	7874	12.0	23.2					
Singapore (Singapore)	2004	...	...	381111	13.2	61.2	5.0	92.5	...	...	...	31924	15.0	53.0					
	2005	...	...	423192	0.8	62.0	5.5	92.5	...	...	...	33742	8.7	52.7					
	2006	...	...	45804	8.0	52.7	3.1	94.1	...	...	...	34732	0.8	51.5					
	2007	...	...	49387	7.8	55.1	2.3	92.5	...	...	...	37015	12.7	54.7					
	2008	...	...	67547	6.8	55.2	2.3	92.4	...	...	...	39815	7	51.5					

Table 4.3 (Contd...)

Cargo Traffic - For Selected Ports in Asia - 2004-2008

Port	Year	Cargo Traffic ('000 Tonnes)			Percentage distribution of cargo traffic					Container Traffic ('000 TEUs)				Percentage of Container Cargo to General Cargo
		Loaded	Unloaded	Total	Growth Rate (%)	General Cargo	Dry Bulk		Liquid Bulk	Loaded	Unloaded	Total	Growth Rate (%)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Dubai (UAE)	2004	...	...	10345	21.6	71.7	7.6	20.7	2823	5455	8278	24.7	50.0	
	2005	...	...	20615	99.5	72.4	7.7	20.7	5410	6703	12113	16.5	50.0	
	2006	...	...	110032	53.9	70.7	8.7	20.3	4135	4753	8888	13.1	53.0	
	2007	...	...	130536	18.0	...	...	...	...	...	10000	10.5	...	
	2008	...	...	...	...	...	...	...	6478	6324	12802	11.1	...	
Muscat (Oman)	2004	13507	28542	42049	5.2	81.5	2.7	6.8	1342	1358	2700	5.2	51.3	
	2005	15525	28221	43746	11.2	75.5	3.0	8.5	1351	1328	2679	-1.4	54.0	
	2006	18053	27598	45651	11.3	75.5	3.1	8.8	1301	1320	2621	2.2	56.0	
	2007	18252	29350	47602	4.6	75.2	...	...	1406	1407	2813	8.2	57.0	
	2008	19017	28189	47206	-2.0	75.1	8.7	0.2	1500	1494	2994	1.8	58.0	
Colombo (Sri Lanka)	2004	11223	22369	33592	11.4	...	...	...	...	...	2321	13.3	...	
	2005	18158	24146	42304	8.0	...	...	...	...	...	2459	10.8	...	
	2006	16343	24005	40348	5.7	...	...	...	...	...	2109	20.4	...	
	2007	14236	20386	34622	4.7	...	...	...	...	...	2382	8.0	...	
	2008	...	...	...	...	...	...	...	...	...	2581	8.1	...	
Durban (South Africa)	2004	112515	15142	26363	14.8	84.4	2.5	1.2	5805	3719	9524	11.0	94.0	
	2005	112108	15114	26322	0.0	84.2	2.4	3.4	5855	3300	9155	9.7	94.0	
	2006	114828	15085	33803	2.8	84.4	2.1	3.5	6875	4763	11638	1.7	84.0	
	2007	123387	13623	34754	2.8	84.7	2.1	3.6	6074	3987	10061	0.1	95.1	
	2008	123147	13623	34754	-0.4	83.8	2.0	3.3	6875	6070	12945	1.4	87.0	
Bangkok (Thailand)	2004	7287	7845	15132	4.0	86.5	...	...	821	881	1702	13.4	25.5	
	2005	7175	8032	15207	4.7	85.7	...	...	653	602	1255	4.4	25.7	
	2006	7044	8825	15869	6.2	87.4	...	...	742	702	1444	7.2	27.4	
	2007	5970	9426	15396	7.3	87.5	...	...	732	761	1493	7.4	27.5	
	2008	5161	9520	14681	-3.0	87.7	...	...	770	701	1471	-5.2	22.2	

Source: (a) Freightlines, (b) Revenue Lines, (c) Port Authority of Bangladesh

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
1	2	3	4	5	6
1. Agriculture, forestry & fishing	560328	630607	611408	643315	650161
2. Mining & quarrying	64261	56083	83507	87201	82745
3. Manufacturing	463226	490543	670706	625440	640685
4. Electricity & water supply	81905	86584	72573	78778	81885
5. Construction	226932	258441	285722	314298	320787
6. Trade, hotels & restaurant	177288	535383	546174	533908	657300
7. Transport, storage & communication	250558	270347	314540	365384	390884
8. Financial, community, real estate & business services	436784	491674	652878	587223	701238
9. Community, social & personal services	419624	445101	466866	437505	656382
10. GDP at factor cost (1 to 9)	2987592	3245193	3664027	3893467	4154078
	(7.5)	(9.5)	(9.7)	(8.2)	(8.7)

Note: Figures in parentheses represent percentage change.

Source: Central Statistical Organisation, Govt. of India.

Table 5.2

United States Trade in Goods

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
(U.S. \$ Billions)									
1990-91	522.70	17722.53	18145.23	6131.10	41194.42	47325.50	-55915.40	-421.60	-5627.30
1991-92	414.70	17450.73	17865.43	3334.50	44065.72	47400.20	-46710.10	3388.00	-4332.10
1992-93	408.20	18461.53	18869.73	6700.00	35781.51	42481.50	-41873.30	1227.40	-3954.90
1993-94	307.60	21640.52	21948.12	5753.50	14962.72	20716.20	-19609.00	4797.60	-1461.40
1994-95	416.40	27849.42	28265.82	5937.60	22720.16	28657.70	-25111.60	3137.10	-2174.50
1995-96	453.70	24741.72	25195.42	7525.00	28149.50	28674.50	-24120.10	2491.70	-4326.40
1996-97	411.70	25867.32	26279.02	4735.20	28686.20	29159.40	-24747.40	2887.70	-5559.70
1997-98	752.50	24853.72	25606.22	3431.00	20020.50	23451.50	-22699.00	1113.20	-5478.00
1998-99	374.40	23128.32	23502.72	4353.50	22280.10	26633.60	-23259.20	-2482.80	-5164.00
1999-00	33.50	25753.32	25786.82	12511.40	37024.30	49535.70	-12507.90	-272.00	-12840.50
2000-01	1382.70	42840.52	44223.22	15522.10	34595.40	50117.50	-12760.40	1254.20	-5576.20
2001-02	2112.10	41707.52	43819.62	14022.30	27413.10	41435.40	-17384.20	4024.80	-13359.40
2002-03	2576.50	35142.52	37719.02	12635.20	42772.50	55407.70	-15463.00	6375.90	-8887.10
2003-04	2561.40	30574.22	33135.62	22225.50	27573.50	49799.00	-17167.60	2324.80	-14842.80
2004-05	2809.20	28445.82	31255.02	22244.10	81673.20	103917.30	-52662.10	-5126.70	-5787.90
2005-06	41724.50	64450.32	106174.82	42223.10	105202.50	147425.60	-32253.90	-12751.70	-44765.60
2006-07	47624.50	40779.52	88404.02	55425.20	128790.00	184215.20	-36810.70	-21010.90	-57821.60
2007-08	28267.10	47454.12	75721.22	72844.20	171784.80	244629.00	-51281.40	-37283.30	-88564.70
2008-09	27547.20	157745.22	185292.42	23271.70	210624.80	233896.50	-48124.70	-52270.60	-100895.30
(Imports/GDP)									
1990-91	5.07	31849.32	32356.62	10815.11	32375.72	43190.82	-3919.81	-7.40	-10.80
1991-92	4.02	43019.54	43421.56	13126.72	34124.12	47250.84	-12104.46	8.20	-8.90
1992-93	3.75	35309.22	35684.22	17141.70	46212.82	63354.52	-19092.40	10.70	-10.00
1993-94	2.47	38803.52	39250.99	12245.10	22024.82	34270.01	-10789.40	19.10	-10.90
1994-95	3.03	21385.12	21688.11	12512.80	17352.11	29864.90	-17331.67	10.97	-7.90
1995-96	3.17	104635.52	104638.69	25173.80	97524.04	122697.84	-23055.86	7.31	-10.70
1996-97	1.10	117105.72	117106.82	25528.92	102251.18	127780.10	-9991.17	13.65	-13.65
1997-98	1.30	128702.52	129002.82	21041.70	124025.11	145066.80	-23025.10	-4.51	-13.75
1998-99	3.75	135078.52	135078.14	22019.20	134419.57	156438.77	-23419.56	-10.32	-10.71
1999-00	1.83	155062.14	155063.97	24546.80	162767.37	187314.17	-34400.15	-11.64	-10.71
2000-01	8.94	128021.34	128022.28	21406.52	155776.71	177183.23	-55154.71	12.23	-12.73
2001-02	10.01	12804.38	12804.38	60768.87	128428.15	189197.02	-68232.64	23451.73	-44740.91
2002-03	12.99	242889.06	255888.06	81067.91	244756.17	325824.07	-72566.10	12221.19	-60344.91
2003-04	18.97	24889.81	24908.62	84520.91	24457.62	255100.53	-72122.91	12221.89	-60344.91
2004-05	21.04	24889.81	24908.62	84520.91	24457.62	255100.53	-72122.91	12221.89	-60344.91
2005-06	40.02	40779.52	40779.52	19464.03	435782.10	455246.13	-143107.27	10.73	-10.73
2006-07	48.21	48228.10	48228.10	57177.20	228671.21	285848.41	-174051.20	-44875.33	-22372.13
2007-08	11.19	64187.10	65306.20	28065.70	184187.20	212252.90	-148065.70	140080.40	-87985.30
2008-09	13.37	77117.30	90494.60	41987.20	254983.00	306970.20	-215072.60	-277110.20	-492182.80

Source: U.S. Bureau of Economic Analysis and CIA.

Table 5.3

Imported Principal Commodities

Commodity	US\$ Million			(Rupees crore)		
	2006-07	2007-08	2008-09(P)	2006-07	2007-08	2008-09(P)
1	2	3	4	5	6	7
I Bulk Imports	34228.8	41274.8	43073.1	332089.4	453718.8	627498.8
A. Petroleum, Crude and Products	65845.1	78641.6	83871.7	291871.8	320954.8	418877.6
B. Bulk Consumption Goods	2314.1	4810.3	4975.3	18430.8	31121.0	22183.2
1. Cereals and Cereal Preparations	34.1	705.2	47.0	145.1	2233.1	218.0
2. Edible Oils	2108.5	2750.6	3443.4	15932.0	10801.7	13537.3
3. Pulses	107.7	1335.0	1258.1	3881.5	6377.8	5243.4
4. Sugar	0.8	1.5	100.8	7.0	5.8	583.2
C. Other Bulk Items	22336.4	28500.6	40441.1	100037.8	114742.5	189893.8
1. Ferrous	2144.0	2406.0	13623.5	14128.8	21764.3	62072.8
a) Crude	361.1	487.3	1482.0	1894.1	1897.6	4077.7
b) Scrap and Unprocessed Iron Pyrites	102.7	382.0	631.1	194.7	1357.5	2824.0
c) Manufactured	2879.8	4576.8	11912.7	17899.0	18425.8	54969.8
2. Non-Ferrous Metals	1804.0	3503.2	7088.7	11707.1	14112.3	28214.0
3. Paper, Paperboards, News and News Prints	1205.8	1424.3	1750.7	5450.9	5092.2	8142.0
4. Chemicals, Incl. Synthetic and Natural	630.8	780.7	2011.5	2254.4	3189.3	8250.0
5. Pulp and Waste Paper	638.3	770.6	826.8	2602.7	3132.7	8706.0
6. Miscellaneous Goods, Manuf. Goods, etc.	8845.2	7811.7	7306.2	37764.3	81802.9	30359.0
7. Iron and Steel	6124.7	8678.8	1475.1	20071.4	24880.0	43350.2
II Non-Bulk Imports	101488.4	123849.5	163708.2	498445.3	688188.8	740848.8
A. Capital Goods	47078.2	70418.4	71831.0	212886.8	292768.4	330114.0
1. Manufactures of Metals	1838.8	2882.7	8234.3	7200.7	10720.7	14970.8
2. Machine Tools	1451.3	2208.0	2708.6	2700.2	4358.5	16309.8
3. Machinery, Incl. Electrical and Electronics	1385.4	1980.1	31811.0	82872.4	19951.4	60360.2
4. Electrical Machinery, Incl. Electronic	1650.8	2570.6	2055.5	5885.0	11553.0	16501.0
5. Electronic Goods	15872.5	20728.2	12233.2	62276.0	81805.3	107118.0
6. Computer Goods	867.0	883.2	1254.8	4875.7	1580.0	5987.5
7. Transport Equipment	2432.8	20111.8	18030.3	47709.3	88370.7	83620.7
8. Project Goods	1095.0	1288.0	3180.1	8738.5	5307.9	14885.0
B. Mainly Export-Related Items	17371.7	20768.3	31310.8	30661.7	23114.8	148880.8
1. Berseer, Paddy and Semi-Processed Goods	7487.0	7871.6	18251.3	23882.7	82284.3	70805.0
2. Cotton and Cotton Manufactures	7090.0	8885.2	12208.0	25823.4	85544.5	78175.7
3. Textile Yarn (Cotton, Man-made, etc.)	2151.7	2474.1	2585.8	8738.8	8861.0	11788.2
4. Man-made Fibre	430.4	428.9	551.1	1520.7	1711.8	2572.4
C. Others	26988.5	47819.9	61447.4	154894.3	192305.6	260703.0
1. Gold and Silver	14549.0	17886.0	22703.0	56772.3	71889.5	104788.4
a) Gold	14487.0	17721.0	21728.8	88438.5	50590.4	96288.8
b) Silver	184.1	1145.0	2074.2	832.8	4608.1	3462.5
2. Artificial Resins and Plastic Materials, etc.	2054.5	3075.2	3829.1	11506.2	14835.0	13117.3
3. Pharmaceuticals, Scientific, Banking Instruments, etc.	2711.0	3209.8	4420.5	10587.3	15700.0	20090.4
4. Gems, Pearls and Brinquinhos, etc.	4018.8	8489.7	8930.1	20700.7	28252.2	45045.0
5. Minerals and Pharmaceutical Products	1298.4	1571.7	1758.1	5868.4	5780.4	8074.0
6. Chemical Materials and Products	1321.6	1825.7	2102.8	6560.1	6647.6	8128.8
7. Non-Metals, Mineral Manufactures	705.0	1048.8	1171.4	3129.5	4212.7	5187.7
D. Others	9211.0	11508.0	12157.2	38849.9	48880.8	50834.0
Total Imports	145715.2	165124.3	196781.3	830534.7	1141907.6	1368347.6

P. Provisional

Source: Directorate General of Commercial Intelligence and Statistics.

TABLE Export of Principal Commodities

Commodity	(US\$ Million)			(Rupees crore)		
	2006-07	2007-08	2008 (A/P)	2008-07	2008-08	2008-09 (P)
	2	3	4	5	6	7
I. Primary Products	14988.9	27581.6	29339.4	85175.0	116822.9	119978.1
A. Agriculture and Allied Products	12883.3	16422.1	17911.9	57333.0	74388.0	80649.1
1. Tea	427.3	606.2	511.6	1080.5	1252.2	3731.9
2. Coffee	471.1	485.2	390.4	1920.2	1672.1	3355.6
3. Rice	1064.1	2512.6	2421.4	7085.2	11751.0	11164.4
4. Wheat	7.8	0.1	0.2	25.4	0.2	1.5
5. Cereals and cereal straw	1389.1	2292.0	620.1	5101.3	5885.4	2966.7
6. Tobacco	372.4	475.8	602.5	1855.2	1721.9	3481.1
7. Cottonseed and Castor Seed (Shell & Oil)	571.9	555.1	837.2	2577.5	2654.9	2800.7
8. Sugar	697.9	1011.7	1128.1	2157.0	4214.9	6856.3
9. Oil seeds	1216.4	2022.0	2292.8	5524.1	3112.6	30891.1
10. Pulses and leguminous	25.8	271.0	592.6	181.1	9388.4	4745.4
11. Processed fruits, vegetables, prepared vegetables	405.2	522.5	888.7	1938.4	2175.0	5175.9
12. Marine products	183.2	1780.5	1522.4	3001.0	8629.7	2572.4
13. Spices and Medicines	780.5	1446.3	965.2	1690.5	5977.8	4511.4
14. Medicinal and preparation	732.4	911.5	1167.0	3114.0	5629.5	3374.4
15. Others	2417.9	2561.7	3043.7	10688.7	11218.1	14008.0
B. Mines and Minerals	7002.6	5115.8	7333.5	31666.0	18748.9	26737.0
1. Iron Ore	3902.0	5745.0	4028.8	12775.0	22122.7	24775.2
2. Mica	16.1	21.9	29.8	68.2	87.5	176.2
3. Others	3084.5	1348.9	3274.9	12222.7	3329.7	14515.6
II. Manufactured Goods	14121.4	18387.8	19848.5	284291.4	414696.3	466402.2
A. Leather and Man-Made Goods	2016.7	2521.8	3555.1	13551.2	12191.8	18353.1
B. Chemicals and Related Products	17395.4	24155.1	23788.2	78442.1	79127.7	104142.1
1. Basic Chemicals, in primary forms	1613.8	13622.4	13825.4	48723.9	68179.4	73391.0
2. Plastics and Related Products	2222.8	2410.8	2704.2	14710.0	13708.4	13817.3
3. Rubber, Gums, Polys. Etheric and Products	2572.9	2699.3	2669.2	10790.0	11620.5	10761.6
4. Inorganic Chemicals, Salt products	751.2	577.5	1283.4	1352.0	3772.5	4332.0
C. Engineering goods	26067.1	37383.1	47285.5	133788.1	194934.8	174931.0
1. Iron & Steel	5719.6	6240.5	5522.7	20701.7	21626.1	28733.5
2. Manufacture of metals	2911.9	7061.2	7542.2	22002.2	26389.0	34716.7
3. Machinery & Instruments	6722.6	8120.1	10445.5	24421.2	37760.0	60641.1
4. Transporting convey.	4849.8	7094.7	11195.2	22998.2	26362.1	34597.1
5. Electrical goods	2864.0	3361.7	6327.6	12014.1	13822.2	81251.4
6. Others	4721.5	5555.4	3045.2	21000.6	24772.1	12545.8
D. Textile & allied products	17173.2	16958.8	20016.4	78842.8	78385.3	82881.8
1. Cotton yarn, fabrics, made-ups etc.	4218.7	4883.3	4115.7	15666.4	15234.7	18325.9
2. Woollen & yarn, fabrics, made-ups etc. (including silk)	111.9	895.6	383.7	1888.7	1028.1	1870.6
3. Man-made yarn, fabrics, made-ups etc.	2204.4	2767.0	3028.3	9914.9	13522.3	11911.8
4. Man-made staple fibre	198.4	270.7	254.8	587.5	1191.7	1112.2
5. Woollen yarn, fabrics, made-ups etc.	80.2	22.8	99.3	387.5	313.8	436.5
6. Man-made garments	8822.9	2557.1	17551.0	42212.2	29391.0	51780.6
7. Jute & jute manufactures	260.4	397.2	251.7	1106.4	1219.4	1375.2
8. Cuts & cut manufactures	145.9	186.2	145.0	751.3	644.9	690.7
9. Carpets	321.6	843.3	775.7	4129.1	7797.9	6621.1
10. Carpet, all made	309.7	525.4	773.4	4066.7	8121.8	3825.4
11. Carpet, all made	0.0	0.1	1.0	1.0	0.0	0.0
12. Silk carpet	29.9	17.9	12.3	13.4	76.1	55.7
E. Gems & Jewellery	16977.6	15678.7	27832.2	72385.2	79797.7	128378.2
F. Hardware (including carpets)	428.0	506.3	80.8	1661.3	2146.2	1388.3
G. Other manufactured goods	1313.0	1904.8	1326.7	5480.1	5509.2	5181.9
III. Petroleum Products	18654.8	22262.1	27637.0	43534.3	114151.7	123387.3
IV. Others	1473.3	4019.8	5055.7	13513.3	16145.1	26628.8
Total Exports	136414.1	149393.5	168296.1	671779.3	858882.5	948765.1

P. H. Jadhav

Senior Technical Officer, General of Commercial Intelligence and Statistics

Table 5.5

Share of Sea-Borne Trade in the Total Foreign Trade

(Value in Ru. 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	9503	79.0	14293	86.9	83.7
1983-84	9771	79.4	15021	85.4	81.2
1984-85	11704	77.3	17134	87.7	83.6
1985-86	10885	71.7	18842	87.9	82.2
1986-87	12960	55.8	20207	82.7	76.1
1987-88	15374	62.1	22244	77.2	71.0
1988-89	20232	58.7	28235	72.9	67.4
1989-90	27041	58.5	35415	69.6	66.2
1990-91	32563	67.3	43193	81.1	75.1
1991-92	44042	66.6	47861	80.2	74.0
1992-93	53588	61.2	53375	78.0	72.0
1993-94	67751	66.1	73101	98.0	81.4
1994-95	82573	64.9	85671	74.8	72.4
1995-96	106352	63.7	122676	50.7	72.8
1996-97	110917	67.4	130820	82.4	75.0
1997-98	130101	64.4	151176	74.7	70.0
1998-99	133762	62.2	170322	67.3	66.4
1999-00	158085	58.4	215578	60.9	64.4
2000-01	179670	64.5	199168	60.4	66.8
2001-02	208018	64.6	245200	68.2	66.5
2002-03	255137	66.1	297209	61.5	68.2
2003-04	228367	64.5	353103	65.1	66.0
2004-05	375340	65.2	601085	65.6	66.9
2005-06	458412	68.1	693403	73.2	69.5
2006-07	571779	64.2	840608	69.6	66.6
2007-08	655961	56.0	1012312	67.1	66.6
2009-10	840755	...	1374496	...	...

Source : DGCI & S, Ministry Of Commerce

Table 5.6

Transport Sector - Budget and Expenditure Under The Plans

(As % to GDP)

Sector	Eight Plan (1992-97)		Ninth Plan (1997-02)		Tenth plan 2002-07		Annual Plan (2002-03)		Annual Plan (2003-04)		Annual Plan (2004-05)		Annual Plan (2005-06)		Annual Plan (2006-07) (P)	
	Out- lay	Expen- diture	Out- lay	Expen- diture	Out- lay	Expen- diture	Out- lay	Expen- diture	Out- lay	Expen- diture	Out- lay	Expen- diture	Out- lay	Expen- diture	Out- lay	Expen- diture
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1. Railway	27207	27217	36715	36725	40693	23220	11103	11955	13044	15334	15704	17342	10538	23475	25272	
2. Roadways	12833	13140	36381	40586	129511	21342	10442	11570	173710	27302	15425	31536	27857	15385	1143	
3. Road Transport	4119	5858	1415	3832	9417	2332	1252	1361	620	1543	525	110	1272	90	45	
4. Paratransit (Motorcycles, Buses)	7307	7307	10701	5316	6036	1261	83	1267	415	173	102	316	460	306	1072	
5. Shipping	3509	3509	9236	2438	7853	1481	457	140	532	152	302	1433	575	1161	961	
6. U.M.T.	381	152	547	329	1764	167	27	81	104	169	150	178	126	130	115	
7. Light Railways & Light Sheds	57	25	173	43	100	130	150	131	101	130	161	161	341	161	130	
8. State Transport	3000	7746	11773	6825	13280	2820	1708	1876	144001	1150	1336	2534	1706	2048	1820	
9. Other Transport	238	244	448	187	3305	454	586	832	878	700	1400	1364	1652	-	-	
10. Total Transport Sector	59030	64055	121228	118547	211543	41885	35274	45703	37207	44317	84361	57107	51838	4475	34645	
11. Share of Ports & LH & LS in Total Transport sector (%)	6.3	7.6	2.4	4.6	2.5	3.0	- 8	2.9	1.1	2.2	1.3	2.3	1.5	3.1	2.5	

(P) Included in Ports

(S) Revised Estimate for Current

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

The figures for ports in 2006-07 is excluding, India 50.4

Source: Planning commission

Table 5.7

Outlay and Expenditure - Port Sector (Current)

(Rs. in crore)

Port	Annual Plan (2004-2005)		Annual Plan (2005-2006)		Annual Plan (2006-2007)		Annual Plan (2007-2008)		Annual Plan (2008-2009)	
	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
Kolkata (a)	46.72	47.35	57.14	60.58	50.54	74.91	37.37	62.01	41.97	52.84
Mumbai	76.15	44.45	74.32	75.23	55.36	14.55	50.37	28.10	156.75	23.50
JMPT	102.14	38.85	86.84	83.77	106.14	60.71	100.18	10.28	77.17	42.77
Visakhapatnam	18.73	27.68	48.71	25.41	80.00	13.07	47.81	44.45	72.15	47.31
Ernakulam	85.41	5.62	53.17	74.75	13.54	77.89	132.32	174.05	138.58	540.75
Visakhapatnam	54.14	27.84	27.02	17.82	27.13	43.80	53.07	30.61	32.97	31.44
Kandla	57.83	32.89	21.70	91.29	94.66	60.19	85.43	38.25	145.07	68.97
Hortirugan	63.85	11.05	70.50	16.92	28.06	25.77	10.10	14.14	25.87	17.62
Panaji	87.18	28.55	116.00	44.77	13.47	29.15	100.00	42.05	286.32	101.47
New Mangalore	25.07	35.60	25.00	18.09	12.00	12.02	17.95	25.81	30.10	20.11
Tuticorin	23.01	5.43	49.87	13.00	62.31	39.14	79.48	13.47	55.37	55.17
Ennore Port Ltd	60.00	2.32	76.50	18.40	70.30	8.57	81.00	31.63	10.00	105.43
Delhi-Mumbai Ship Canal Project	10.00	0.00	107.00	150.00	204.00	714.25	884.22	118.47	1201.07	774.22
WCD-Driven ELI Port Community System	0.00	0.00	8.00	0.34	7.93	1.39	7.50	9.04	6.00	1.00
Others (b)	231.24	18.65	252.74	73.17	373.14	213.54	177.75	170.87	520.78	41.20
Grand Totals	1071.00	0.00	50.00	9.00	20.00	0.00	10.00	0.00	79.00	5.00
Total	1288.25	380.87	1175.45	899.97	1324.35	1000.81	2100.27	514.94	2860.97	1143.10

(a) Includes Harbours and RE Schemes.

(b) Includes DGL, ALPN, R&D Studies, P&I, Terminal Works, Minor Ports, Bulkheads.

App Outlay: Approved Outlay

Source: Annual Plan - Port Sector (Capex of Shipping) MP.

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		-	1.62	1.62
1951-55				
II Plan Actual		-	4.78	4.78
1956-61				
III Plan Actual		-	8.66	8.66
1961-66				
Annual Plans Actual		-	6.62	6.62
1966-69				
IV Plan	Outlay	20.00	15.00	35.00
1965-74	Expenditure	8.01	12.28	17.27
V Plan	Outlay	22.38	23.77	46.15
1974-75	Expenditure	0.15	17.56	25.71
1976-76	Expenditure	2.04	8.16	10.20
1979-80	Outlay	2.30	8.21	10.51
	Expenditure	20.00	72.18	92.18
VI Plan	Outlay	-	10.82	10.82
1980-85	Expenditure	1.00	125.63	126.63
VII Plan	Outlay	20.00	162.50	182.50
1985-90	Expenditure	-	48.18	48.18
1990-91	Outlay	-	40.73	40.73
	Expenditure	-	50.26	50.26
1991-92	Outlay	-	40.57	40.57
	Expenditure	-	38.42	38.42
VIII Plan	Outlay	-	340.58	340.58
1992-97	Expenditure	-	389.63	389.63
1997-98	Outlay	-	49.84	49.84
	Expenditure	-	32.95	32.95
1998-99	Outlay	-	40.06	40.06
	Expenditure	-	45.08	45.08
1999-2000	Outlay	-	42.38	42.38
	Expenditure	-	24.78	24.78
2000-01	Outlay	-	23.87	23.87
	Expenditure	-	26.83	26.83
2001-02	Outlay	-	37.58	37.58
	Expenditure	-	38.83	38.83
2002-03	Outlay	-	88.09	88.09
	Expenditure	-	74.10	74.10
2003-04	Outlay	-	79.03	79.03
	Expenditure	-	44.25	44.25
2004-05	Outlay	-	99.40	99.40
	Expenditure	-	80.81	80.81
2005-06	Outlay	-	116.31	116.31
	Expenditure	-	109.44	109.44
2006-07	Outlay	-	217.69	217.69
	Expenditure	-	204.49	204.49

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

Source : Planning Commission.

Table 5.9

India's Overseas Trade during 2008-09

(In '000 Tonnes)

Type of Cargo	Indian Lines	Foreign Lines	Total
1	2	3	4
General Cargo			
Loaded	1580 (3.2)	90563 (96.8)	92143
Unloaded	2035 (2.3)	85418 (97.7)	87453
Total	4615 (2.7)	146570 (97.3)	149985
Dry Bulk			
Loaded	5545 (4.3)	120503 (95.7)	126048
Unloaded	5794 (6.3)	103598 (93.7)	109392
Total	11339 (4.0)	227502 (96.0)	238841
POUL/Product & Other Liquids			
Loaded	3643 (1.6)	37577 (98.4)	41220
Unloaded	30514 (17.0)	150813 (83.0)	181327
Total	34157 (15.3)	188390 (84.7)	222547
Grand Total			
Loaded	10568 (4.5)	221526 (95.4)	232094
Unloaded	38743 (10.2)	338767 (89.8)	377510
Total	49311 (8.1)	560293 (91.9)	609604

Note: Figures in parenthesis indicate the percentage share.

Source: Major & Non-Major Ports.

SECTION - III

APPENDICES

PORT ORGANISATION IN INDIA

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

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

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

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

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

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

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

fighting and fumigation, (vii) Storage, (viii) Medical welfare & catering services, (ix) Management of port properties and estates.

4. 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.

5. 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 1.2.2010. 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 ASH Administration, Daman & Diu and Lakshadweep are its members.

e) **Tariff Authority for Major Ports (TAMP)** : The Major Port Trust Act, 1953 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, 1953 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. **Oil/Oil and Bulk Carrier** A bulk cargo ship designed to carry ore and oil and/or other dry bulk cargo in both directions.
7. **Tankers** Cargo ships constructed or adapted 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 canoe 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 ramp or link span is provided enabling the vehicles to drive on or off the vessels, thereby eliminating cranes and cargo handling (and also pilferage) and permitting a quick turn round of the ships.
10. **Birth-Day** A day of occupation of a berth (stay or mooring) by a ship.
11. **Ship-Day** A day spent in harbour by a ship.
12. **Turn-Round Time** Total time spent by a ship since its entry till its departure.

13.	Port Dues	A levy of port authority on a ship.
14.	Pilotage	A port charge for guiding a ship in or out of a harbour through channels, passages or other waters by an authorised pilot.
15.	Output per Berth Day	Total tonnage handled distributed over the total number of berth days.
16.	Idle Time	Non working time of a ship (without loading or unloading of cargo) at berth.
17.	Pre-berthing Detention	The time for which a ship waits before getting entry into a berth.
18.	Berth Occupancy	The time for which a berth is occupied (by ships).
19.	Export	Loaded overseas traffic.
20.	Import	Unloaded overseas traffic.
21.	Traffic	A scalar with only magnitude but no direction such as the total of exports and imports or loaded and unloaded cargo.
22.	Traffic flows	A vector with magnitude and direction such as passengers embarked/disembarked or cargo export/import.
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 dock 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.	Craneage	The time 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.
