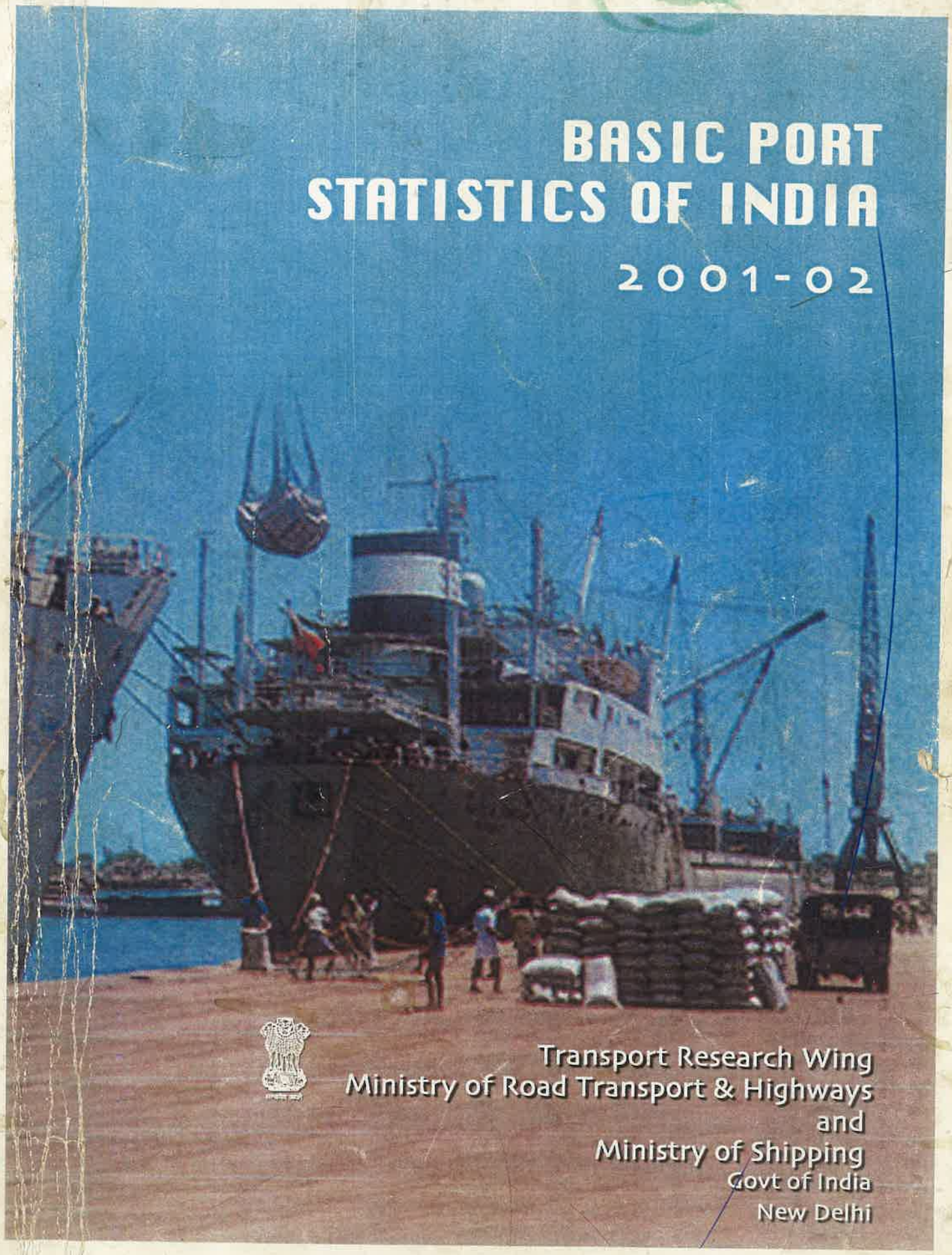
232

BASIC PORT STATISTICS OF INDIA

2001-02



Transport Research Wing
Ministry of Road Transport & Highways
and
Ministry of Shipping
Govt of India
New Delhi

BASIC PORT STATISTICS OF INDIA
(2001-02)

सत्यमेव जयते

TRANSPORT RESEARCH WING

MINISTRY OF ROAD TRANSPORT & HIGHWAYS
AND
MINISTRY OF SHIPPING
GOVERNMENT OF INDIA
NEW DELHI

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FOREWORD

The Transport Research Wing (TRW) of the Ministry of Road Transport & Highways and Ministry of Shipping has regularly been bringing out the *Basic Port Statistics of India (BPS)* as an annual publication, containing consistent and comparable time-series data along with analysis of the Port Sector including both major and non-major ports. This intends to serve as a premier source of information on the many faceted nature and pattern of port operations in the country and would be useful to researchers and scholars in addition to the policy makers for planning the future development of the Ports Sector.

2. The present issue of the ***Basic Port Statistics of India (2001-02)*** has attempted to provide data for the Port Sector upto 2001-02. This edition has incorporated changes in terms of its format and contents to present the data and its analysis in a more focused and holistic manner.

3. The Publication contains three Sections. Section-I presents the macro-economic developments in the Indian Ports along with an overview of the International scenario. Section-II contains 82 Key Tables presented in five parts. Section-III contains the Appendices indicating the organization set up at Ports, in addition to the definitions of various terms and abbreviations used in the Publication.

4. The main data sources of this Publication are the Annual Administration Reports of Major Ports, Indian Ports Association, State Maritime Boards besides the State Governments and other related agencies. We gratefully acknowledge their cooperation which has helped us in reducing the time lag in finalising this edition.

5. The Transport Research Wing is grateful to Shri M.P. Pinto, Secretary, Ministry of Shipping for his constant attention and guidance for improving the content and coverage of this Publication.

6. We welcome comments and suggestions for further improvements from the users of the Publication.

New Delhi
12.5.2003

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Port Sector at a Glance

Item	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02
1	2	3	4	5	6	7
1. No. of Ports (Number)						
Major	11	11	11	11	12	12
Non-Major	179	181	184	184	184	185
Total	190	192	195	195	196	197
2. Cargo Handled (Million Tonnes)						
Major	227.26	251.66	251.74	271.97	281.13	287.58
Non-Major	27.83	38.61	36.31	63.38	87.25	95.13
Total	255.09	290.27	288.05	335.35	368.38	382.71
3. Containers						
Major ('000 TEUs)	1699	1892	1933	2207	2472	2886
('000 Tonnes)	20598	23307	24116	27867	32343	37252
4. Passenger Traffic ('000 Nos.)						
Major	277	266	256	234	275	252
Non-Major	15152	17043	15321	15994	16010	...
Total	15429	17309	15577	16228	16285	...
5. Employment ('000 Nos.)						
Major(a)	97	95	94	93	89	78
Non-Major(b)	5	4	5	4	...	...
6. Financial Performance - Major Ports (Rs. Million)						
a) Total Revenue	31716	36073	40095	40503	42618	48057
b) Total Expenditure	21239	23907	29420	32355	41662	42233
7. Performance Indicators- Major Ports						
a) Total Cargo Vessels Sailed(Nos.)	13119	14077	14540	15067	14885	15402
b) Av. Turn Round Time (Days)	7.5	6.3	5.7	5.1	4.2	4.4
c) Av. Pre-berthing Detention (Days)	3.1	2.3	2.0	1.7	1.2	1.4
On Port Account	1.7	1.1	1.0	0.8	0.5	0.5
On Non Port Account	1.4	1.2	1.0	0.9	0.7	0.9
d) Output per ship berth day (Tonnes)	4497	4912	5167	5871	6961	7024
Container	2719	3156	3612	4420	5661	4951
Break-Bulk	779	919	949	1061	1302	1218
Dry Bulk- Mechanical	10866	12275	13346	14814	15956	17003
Conventional	3190	3245	3798	4109	4938	4954
Liquid Bulk	11222	12772	11619	13040	13828	15099

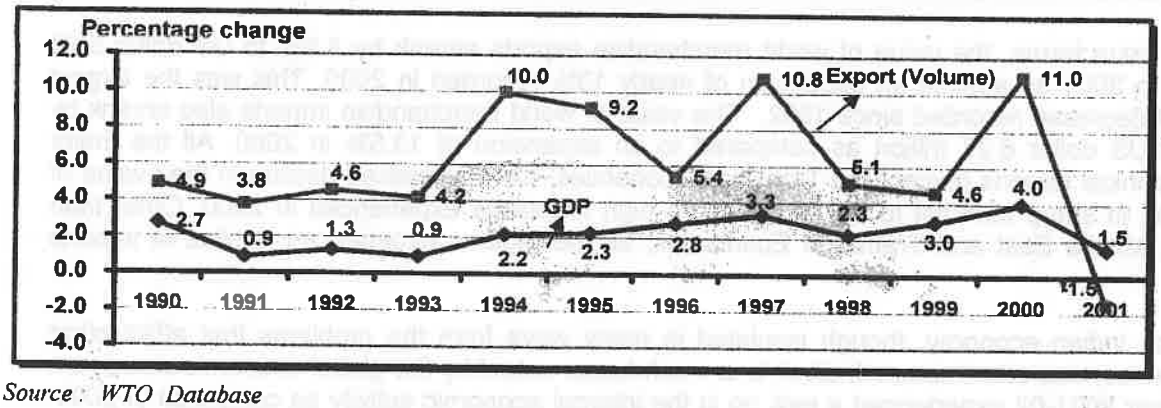
(a) As on 31st December. (b) As on 31st March.

PERFORMANCE OF INDIAN PORTS - HIGHLIGHTS 2001-02

A. Macro-economic Developments

1. The year 2001 witnessed a slowdown in the world economy, which turned out to be worse than what was projected at the beginning of the year. Global output increased only marginally and world trade decreased somewhat, in striking contrast to the developments in the preceding year which experienced the strongest expansion in global trade and output in more than a decade. The world real GDP expanded by a mere 1.5% in 2001 as compared to the expansion of 4.0% in 2000 and a yearly average of 3.0% during 1990-2000. This happened to be one of the lowest in growth of real GDP in more than two decades.

Chart – 1
Growth in World Merchandise Trade and Output



Source : WTO Database

The three major economies of the world - United States, Japan and European Union - experienced simultaneous slowdown in economic activities from the third quarter 2000 onwards contributing substantially to the weakening trend in global economic activity. The bursting of the global IT bubble, the sluggishness of Western Europe's activity and to a lesser extent the events of 11th September, 2001 and after have contributed to the slowdown.

2. The economic slowdown in the major economies impacted trade flows across the globe. Global merchandise export volume is estimated to have contracted by 1.5% in 2001 following a 11.0% increase in 2000. In contrast to the preceding year when world trade expanded appreciably in almost in all the regions, the year 2001 witnessed large regional variations in trade and output growth. North America's merchandise export volume and import volume recorded the strongest regional decline in 2001 at 5.0% and 3.5% respectively. Latin America's moderate overall economic growth kept the volume of exports up by 2.0% but volume of imports was down by 1.0%. The sluggishness of economic growth within Asia and in its major export markets (viz. North America and Western Europe) caused for the first time a decline in Asia's exports in more than 25 years by 3.5%. Imports into Asia also declined by 1.5%. Western Europe's export and import volume slowed down markedly, with exports decreasing by 1.0% and imports declining by 3.0%. Trade expansion in Transition Economies however witnessed increase in merchandise export volume as well as in import growth, but the rates of growth were lower as compared to the previous year.

Table-1
Growth in Merchandise Trade and Output by Region

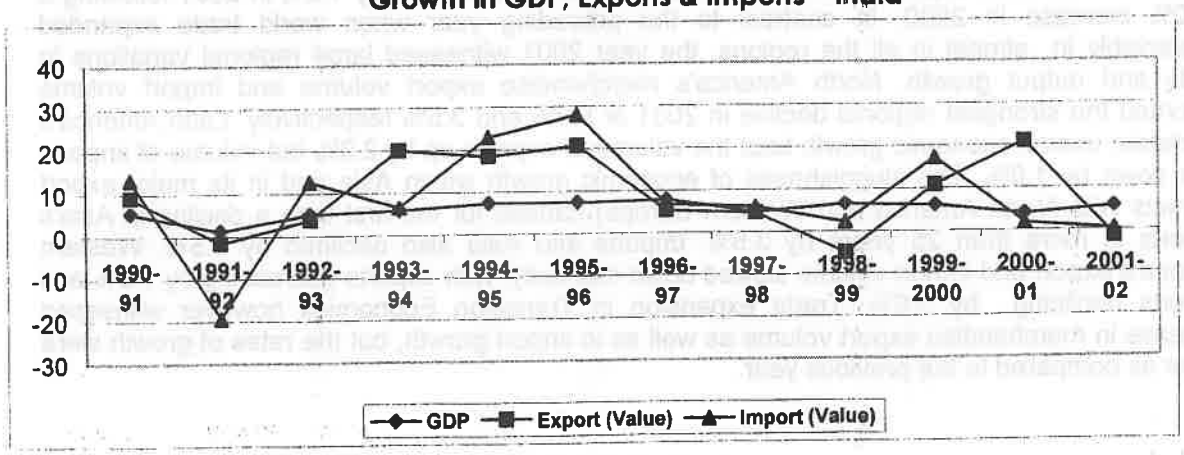
	Export(vol.)			Import(vol.)			Export(val.)			Import(val.)			GDP		
	1990 2000	2000	2001	1990 2000	2000	2001	1990 2000	2000	2001	1990-2000	2000	2001	1990-2000	2000	2001
World	6.5	11.0	-1.5	6.5	11.5	-1.5	6.5	13.0	-4.5	6.5	13.5	-4.0	3.0	4.0	1.5
North America	7.0	9.5	-5.0	9.0	11.5	-3.5	7.0	14.0	-6.0	9.0	18.0	-6.0	3.2	3.9	0.4
Latin America	9.0	8.5	2.0	11.0	12.5	-1.0	9.0	20.0	-3.0	12.0	16.0	-2.0	3.3	3.5	0.3
Western Europe	5.0	9.0	-1.0	5.0	8.0	-3.0	4.0	4.0	-1.0	4.0	6.0	-3.0	2.1	3.5	1.3
Transition economies	7.0*	17.0	8.0	8.0*	16.0	14.0	8.0*	26.0	5.0	6.0*	14.0	11.0	2.2*	6.5	4.4
Africa		6.2	3.2		6.0	3.2	4.0	27.0	-5.0	3.0	4.0	2.0	2.3	3.3	3.1
Middle East		6.9	1.2		12.9	6.5	6.0	42.0	-9.0	5.0	13.0	4.0			
Asia	8.0	16.0	-3.5	8.0	16.0	-1.5	8.0	18.0	-9.0	8.0	23.0	-7.0	3.3	3.9	0.9
India (a)	11.8	23.9	23.9	4..2	-1.0	-1.0	9.7	21.0	-1.6	8.9	1.7	0.2	5.6	4.4	5.6

Source : (1) WTO Annual Report 2001 & 2002 (a) For India, data relate to corresponding Fiscal Year (2001 denotes 2001-02)
*(2) RBI, Handbook of Statistics on Indian Economy & Bulletin June 2002 * Relates to 1995-00.*

3. In value terms, the value of world merchandise exports shrank by 4.5% to US dollar 5.98 trillion in 2001 as against an expansion of nearly 13% recorded in 2000. This was the largest annual decrease recorded since 1982. The value of world merchandise imports also shrank by 4% to US dollar 6.27 trillion as compared to an expansion of 13.5% in 2000. All the major geographical regions (except the Transition Economies) have witnessed decline in their value of exports, in sharp contrast to the moderate to high increases experienced in 2000. Other than Africa, Middle East and Transition Economies, all the regions experienced decline in imports also.

4. The Indian economy, though insulated in many ways from the problems that afflict other economies, was also impacted, albeit to a much lesser extent by the global economic slowdown. The year 2001-02 experienced a pick up in the internal economic activity as compared to 2000-01. The GDP, at constant prices, registered a growth of 5.6% in 2001-02 as against the growth of 4.4% in 2000-01. However, the pattern of growth was different in 2001-02 from that of 2000-01. The impetus to growth in 2000-01 emanated from the secondary sector while the agriculture sector experienced a decline and the service sector witnessed sluggishness. However, the higher growth in 2001-02 was led by service sector and agriculture sector; the secondary sector (which has a high propensity to contribute to the transportation of goods) experienced a much lower growth in 2001-02 as compared to 2000-01.

Chart – 2
Growth in GDP, Exports & Imports – India



Source : (1) Central Statistical Organisation, National Accounts Statistics
(2) RBI, Handbook of Statistics on Indian Economy

The performance on the external front deteriorated in 2001-02. As a result of the sluggish global economic activity, value of exports, in dollar terms, declined by 1.6% in 2001-02 as compared to a growth of 21.0% in 2000-01. Imports registered a growth of 0.2% in 2001-02 which is lower than the level of 1.7% in 2000-01 owing to the subdued domestic manufacturing activity. The deceleration on export front coupled with sluggish growth in imports had their ramifications on the coastal as well as overseas traffic handled by the ports during 2001-02 as compared to the previous year.

B. An Overview of Performance of Indian Ports

5. India has 5560 KMs of coast-line with 12 major ports and 185 notified minor/intermediate ports situated along the coast-line and sea-islands. As portals facilitating both international and domestic trade, ports constitute the basic infrastructure for economic development.

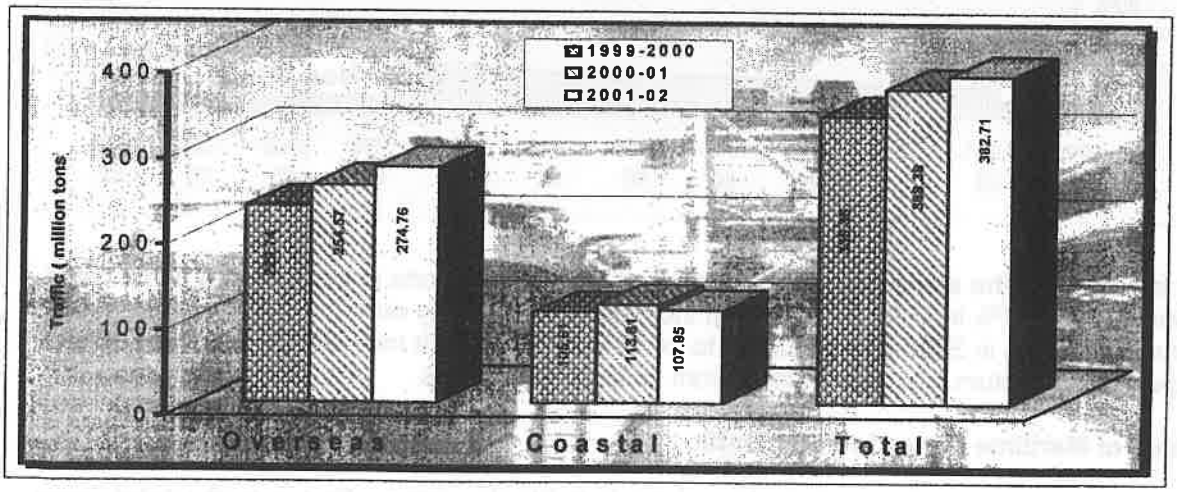
Total Traffic

6. ***Major ports and non-major (minor/intermediate) ports in India collectively handled 382.71 million tons (provisional) of cargo traffic during the year 2001-02 as compared to 368.38 million tons of cargo handled in 2000-01***, thus representing an increase of 3.89%. The rate of growth in traffic in 2001-02 was low as compared to 9.85% recorded in 2000-01.

During 2001-02, the share of major ports in total traffic was 287.58 million tons and that of non - major ports was 95.13 million tons. The corresponding levels of traffic for 2000-01 were 281.13 million tons and 87.25 million tons at major and non-major ports respectively. The year-on-year growth in traffic achieved by the major ports is of the order of 2.29% in 2001-02 as against 3.37% in 2000-01 whereas the growth recorded by the non-major ports has been 9.03% in 2001-02 as against 37.66% in 2000-01.

7. The slowdown experienced by the world economy and the sluggish industrial growth in India appear to have had their impact in the traffic handled. The performance during 2001-02 reveals that overseas traffic recorded lower growth rate and there was a decline in coastal traffic (Overseas cargo registered a growth of 7.93% and the coastal cargo a decline of 5.15% in 2001-02 as against the growth of 10.81% and 7.76% respectively, during 2000-01). It was also observed that the share of overseas cargo to total cargo had increased from a level of 69.10% in 2000-01 to 71.79% in 2001-02.

Chart - 3
Cargo Handled by Indian Ports



8. The differential pattern of growth in respect of major and non-major ports continued during 2001-02 (Table-2). During 2001-02, overseas cargo handled by the major ports grew by 6.97% as against a corresponding growth of 10.95% in the case of non- major ports. In respect of the coastal cargo, major ports registered a decline of 8.03% whereas the non- major ports recorded a growth of 4.52%. Analysis of the long-term trend (average CGR for the period from 1991-92 to 2001-02) indicates that the traffic at non-major ports has grown substantially at a higher rate than major ports - both in the case of overseas traffic and coastal traffic, thus emerging as serious contenders to the major ports for a share in the sea-borne cargo.

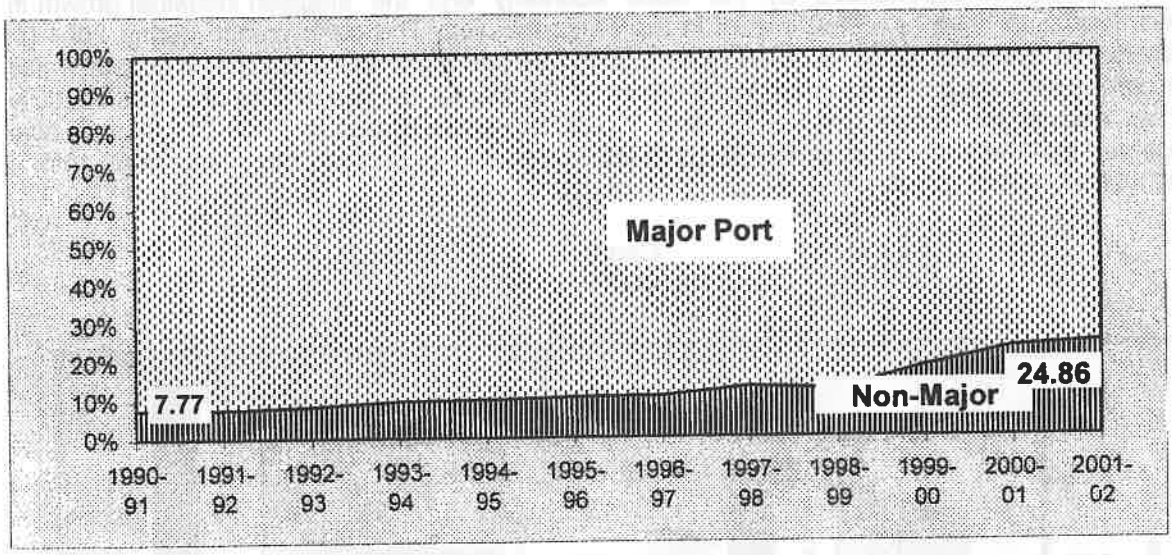
Table - 2
Average Growth in Cargo Traffic (per cent per annum)

Port	1991-92 to 2001-02			2000-01			2001-02		
	Overseas Traffic	Coastal traffic	Total traffic	Overseas Traffic	Coastal traffic	Total traffic	Overseas Traffic	Coastal traffic	Total traffic
Major Ports	7.04	4.52	6.26	1.56	7.59	3.37	6.97	(-) 8.03	2.29
Non-major Ports	22.57	20.03	21.78	55.61	8.35	37.6	10.95	4.52	9.03
All Ports	9.23	6.74	8.46	10.81	7.76	9.86	7.03	(-) 5.15	3.89

9. As a result of the differential growth achieved by the non-major ports vis-à-vis the major ports, the share of cargo handled by the non- major ports in the total sea-borne cargo handled by all the ports in India has shown a secular trend of growth over the years (Chart-4).

Chart – 4

Share of Non-Major Ports in the Total Cargo Handled by all Ports



It is noted that the share of cargo handled by the non-major ports in the total sea-borne cargo, which was 7.77% in 1990-91 has been increasing consistently over the years and reached a level of 23.68% in 2000-01 and further to 24.86% in 2001-02. It may also be observed that the upward momentum has been marked from 1999-2000 onwards.

Share of Maritime States in Total Traffic

10. ***With respect to the contribution of the individual maritime States to the total cargo traffic handled by all the ports in 2001-02, the following brings out the position.***

Table No. – 3
Cargo Traffic at Indian Ports (Maritime State-wise)
(In Million Tonnes)

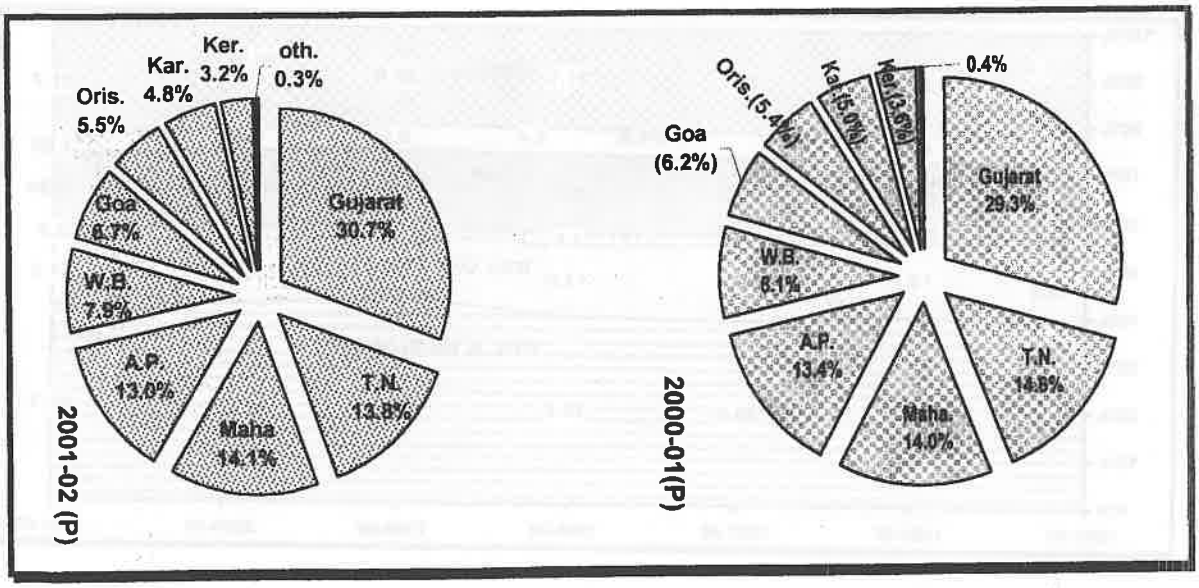
Name of the State	Major Ports	Non-Major Ports	Total
1. Gujarat	37.73	79.71	117.44
2. Maharashtra	48.95	4.96	53.91
3. Goa	22.93	2.86	25.79
4. Karnataka	17.50	0.71	18.21
5. Kerala	12.06	0.13	12.19
6. Tamil Nadu	52.54	0.49	53.03
7. Andhra Pradesh	44.34	5.41	49.75
8. Orissa	21.13	0.02	21.15
9. West Bengal	30.40	-	30.40
10. Others(a)	-	0.84	0.84
TOTAL	287.58	95.13	382.71

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

It is observed that of the maritime States, Gujarat comes first with a share of 30.68% followed by Maharashtra (14.09%), Tamil Nadu (13.85%), Andhra Pradesh (13.00%), West Bengal (7.94%), Goa (6.74%), Orissa (5.53%), Karnataka (4.76%) and Kerala (3.18%). As against the all-India y-o-y growth of 3.89% in cargo traffic in 2001-02, Gujarat, Maharastra, Goa and Orissa have recorded higher growth rates during 2001-02 and as a result increased their share as compared to the previous year. The share of the other maritime States were lower than the all India y-o-y growth rate . As a result of recording decline/poor growth rates, Karnataka, Kerala, T.N., A.P. and W.B. have witnessed a reduction in their share during 2001-02 as compared to the previous year.

11. Gujarat is the only state which has been witnessing increase in its share of sea-borne cargo over the years; its share has increased from 17.63% during 1990-91 to 30.68% in 2001-02 in the total traffic due to the development of non-major ports in the State with the active participation of the private sector. The share of maritime States in the total cargo traffic is brought out in Chart-5.

Chart – 5
Share of Maritime States in the Total Cargo Handled through All Ports



Traffic Composition

12. Commodity-wise traffic, in respect of principal commodities, handled by all the ports in India during the last five years is presented in Table – 4.

Table-4
Commodity-wise Traffic Handled by All Ports

(Million tons)

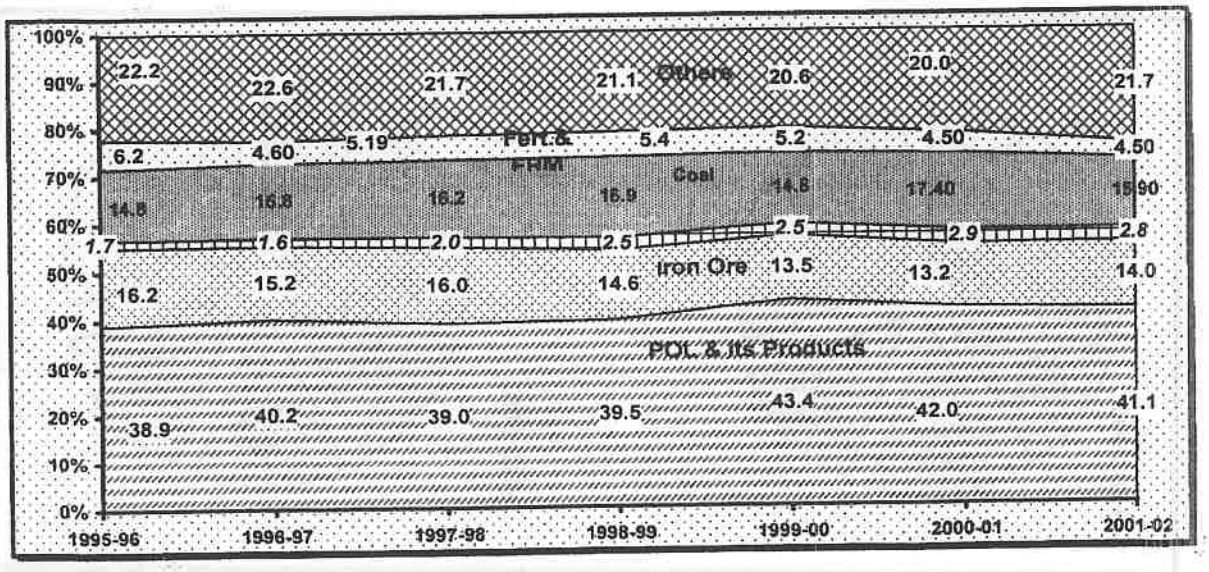
Year	Commodity-wise Traffic						
	POL &its products	Iron Ore	Cement & clinker	Coal	Fertiliser & FRM	Others	Total
1996-97	102.54 (9.47)	38.81 (-0.65)	4.11 (0.02)	40.16 (12.53)	11.73 (-21.62)	57.75 (8.08)	255.09 (5.88)
1997-98	113.26 (10.46)	46.04 (18.63)	5.92 (44.11)	47.04 (17.13)	15.08 (28.5)	62.94 (8.99)	290.27 (13.79)
1998-99	113.87 (0.54)	42.09 (-8.57)	7.19 (21.55)	48.60 (3.31)	15.39 (2.06)	60.91 (-3.22)	288.04 (-0.77)
1999-00	145.47 (27.76)	45.13 (7.22)	8.24 (14.54)	49.80 (2.48)	17.59 (14.34)	69.12 (13.47)	335.35 (16.42)
2000-01	154.71 (6.35)	48.83 (8.20)	10.78 (30.82)	64.12 (28.75)	16.32 (-7.22)	73.62 (6.51)	368.38 (9.85)
2001-02	157.41 (1.74)	53.45 (9.46)	10.84 (0.56)	60.73 (-5.29)	17.09 (4.72)	83.19 (13.00)	382.71 (3.89)

Note : Figures in brackets indicate the year-on-year growth rate

Highest year-on-year growth for 2001-2002, among the principal commodities, is seen in the case of Iron Ore (9.46%) followed by Fertilisers & FRM (4.72%) and POL (1.74%).

13. *The commodity composition of the total traffic at Indian Ports has been changing, marginally, over the years (Chart-6).* Though POL & its products continues to be the single largest commodity handled by the ports, constituting 41.12% of the total traffic in 2001-02, its share has been on the decline during the past couple of years. Coal traffic comes next (15.9%) followed by Iron Ore (14.0%) and Fertiliser & FRM (4.5%). The shares of Iron Ore and Fertiliser & FRM traffic have witnessed a decline from respective levels of 1995-96 to lower levels in 2001-02.

Chart –6
Composition of the Total Cargo Traffic (in percentage)



14. Medium-term traffic trend (based on average CGR during 1995-96 to 2001-02) for the five principal commodities is given in Table-5. It can be observed that the compound growth rate in traffic during this period was higher for the non - major ports than for the major ports in respect of all commodities except Cement and Clinker.

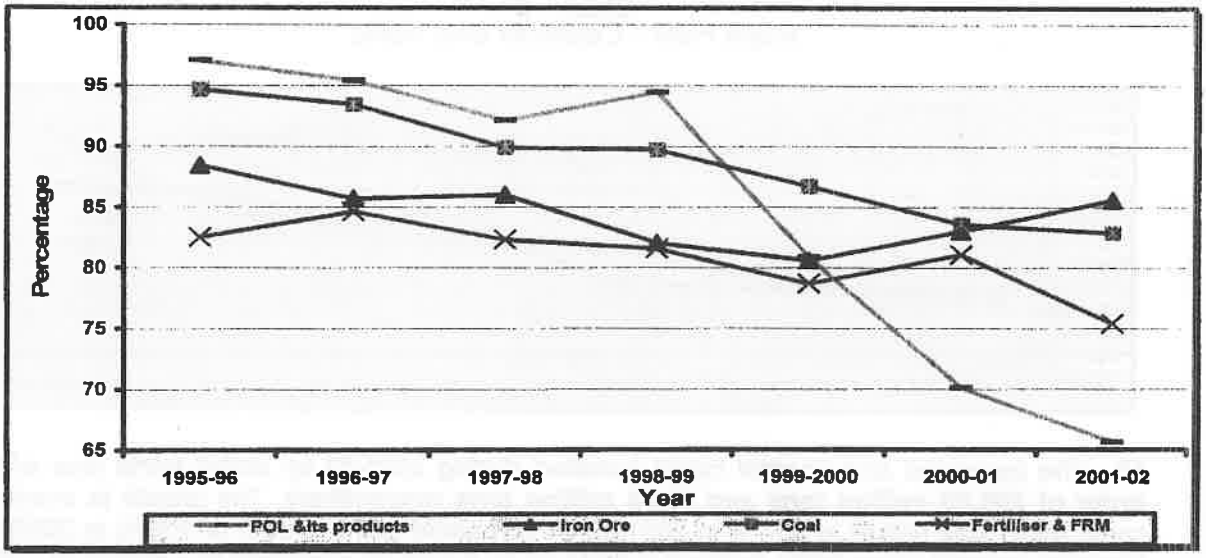
In respect of traffic of all ports (major and non-major) during 2001-02, it is observed that barring the case of Iron Ore and Fertilisers & Raw Materials, the other commodities have posted lower growth as compared to the previous year.

Table – 5
Medium-term Growth Rates in the Traffic for Principal Commodities

COMMODITY	AVERAGE CGR (1995/96-2001/02)			GROWTH IN 2000-01			2001-02		
	Major Ports	Non-major Ports	All Ports	Major Ports	Non-major Ports	All Ports	Major Ports	Non-major Ports	All Ports
POL &its products	2.14	65.08	9.05	-7.90	66.66	6.35	-4.71	16.84	1.74
Iron Ore	4.79	8.17	5.23	11.20	-4.31	8.20	13.11	-8.17	9.46
Cement & clinker	93.54	14.92	17.32	38.58	29.70	30.82	-1.63	1.17	0.56
Coal	7.19	33.42	9.37	26.23	45.18	28.75	-6.00	-1.25	-5.29
Fertiliser & FRM	-1.50	3.03	-2.24	-3.71	-20.27	-7.22	4.78	4.56	4.72
Total	4.95	24.37	8.02	3.37	37.66	9.85	2.29	9.03	3.89

15. A look at the share of non major &major ports in the traffic of principal commodities (Chart-7) indicates that the share of major ports in the traffic of POL & its products, Coal and Fertiliser & FRM has been declining over the years whereas that of Iron Ore has remained more or less at the same level.

Chart –7
Share of Major Ports in the Commodity Traffic



C. Performance of Major Ports

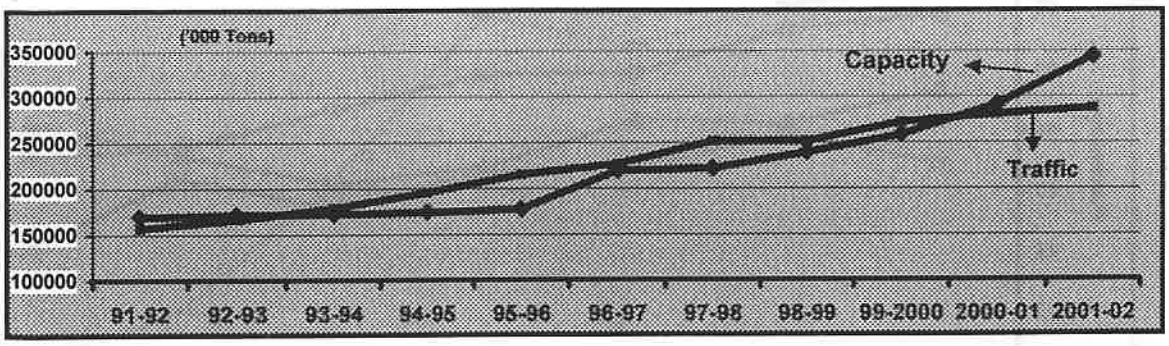
Cargo traffic handled

16. The twelve major ports in India handle the bulk of the maritime cargo traffic in India; Traffic handled at the major ports has been increasing over the years in tune with the increased pace of economic activity and the resultant increase in the volume of trade. ***The total traffic handled by the major ports has increased from 156.64 million tons in 1991-92 to 281.13 million tons in 2000-01 and to 287.58 million tons in 2001-02*** (Chart-8). It is however noted that the year-on-year growth in traffic in 2001-02 is 2.29% (as compared to 3.37% in 2000-01) and happens to be the second lowest in the last 12 years. The growth in 2001-02 has also been less than the average CGR of 6.26% during the period 1991-92 to 2001-02. The world economic slowdown and the decline in commodity trade as well as the slowdown experienced by the Indian manufacturing sector during 2001-02, have had their adverse impact on the volume of traffic handled by the major ports.

17. Cargo handling capacity of major ports has been increasing over the years in harmony with the increasing volume of internal and external trade owing to expansion of economic activity. The capacity which was 169.23 million tons at the end of 1991-92 has increased to a level of 343.95 million tons at the end of 2001-02. The year on year capacity growth in 2001-02 was higher at 18.01% as against a growth of 12.94% in 2000-01 and an average CGR of 7.35% during the period 1991-92 to 2001-02.

The capacity addition and the productivity improvements achieved by the major ports coupled with the increasing use of non-major ports by the shippers have changed the scenario of major ports trying to cope with excessive traffic to a situation where ports, in general, wait for ships. The capacity utilization which was 92.6% in 1991-92, 97.3% in 1992-93 was consistently above 100% thereafter till 1999-2000. The years 2000-01 and 2001-02 have witnessed a reversal of the trend with the capacity utilization coming down to 96.46% and 83.61% respectively for all the major ports.

Chart – 8
Major Ports – Capacity and Traffic



18. ***The overseas and coastal cargo handled during 2001-02 by major ports was of the order of 206.89 million tons and 80.69 million tons respectively.*** The growth in overseas cargo traffic was higher at 6.97% in 2001-02 as compared to the growth of 1.56% in 2000-01. However, coastal cargo traffic declined in 2001-02 by 8.03% as compared to a growth of 7.59% in 2000-01(presented already in Table 2). Among the Major ports, the composition of overseas and coastal traffic showed variation: Mormugoa Port had the highest share of overseas cargo at 94.72% followed by Jawaharlal Nehru (90.32%) & Kandla (88.23%) Ports. The share of overseas cargo in the total traffic in the case of PPT was the least (48.08%), followed by TPT (55.61%) and Cochin (58.29%).

Synoptic view of Major Port wise Traffic

19. The Major port-wise traffic handled during 2001-02 is given below:

Table – 6

Share of Individual Major Ports in the Total Major Port Traffic

(Million Tons)

NAME OF THE PORT	2000-01			2001-02		
	Overseas	Coastal	Total	Overseas	Coastal	Total
Kolkata	5.63	1.53	7.16 (2.55)	4.18	1.19	5.37 (1.87)
Haldia	17.03	5.81	22.84 (8.12)	20.26	4.77	25.03 (8.70)
Paradip	9.81	10.09	19.90 (7.08)	10.16	10.97	21.13 (7.35)
Visakhapatnam	24.58	20.11	44.69 (15.89)	27.07	17.27	44.34 (15.42)
Chennai	24.75	16.47	41.22 (14.66)	24.63	11.49	36.12 (12.56)
Ennore	-	-	-	-	3.40	3.40 (1.18)
Tuticorin	6.05	6.23	12.28 (4.37)	7.24	5.78	13.02 (4.53)
Cochin	7.35	5.79	13.14 (4.68)	7.03	5.03	12.06 (4.19)
New Mangalore	13.58	4.31	17.89 (6.36)	13.04	4.46	17.50 (6.09)
Mormugao	18.37	1.26	19.63 (6.98)	21.72	1.21	22.93 (7.97)
J. L. Nehru	16.77	1.81	18.58 (6.61)	20.34	2.18	22.52 (7.83)
Mumbai	18.39	8.67	27.06 (9.63)	17.93	8.50	26.43 (9.19)
Kandla	31.10	5.64	36.74 (13.07)	33.29	4.44	37.73 (13.12)
Total	193.41	87.72	281.13 (100)	206.89	80.69	287.58 (100)

The figures in parenthesis indicate percent share to/respective column total.

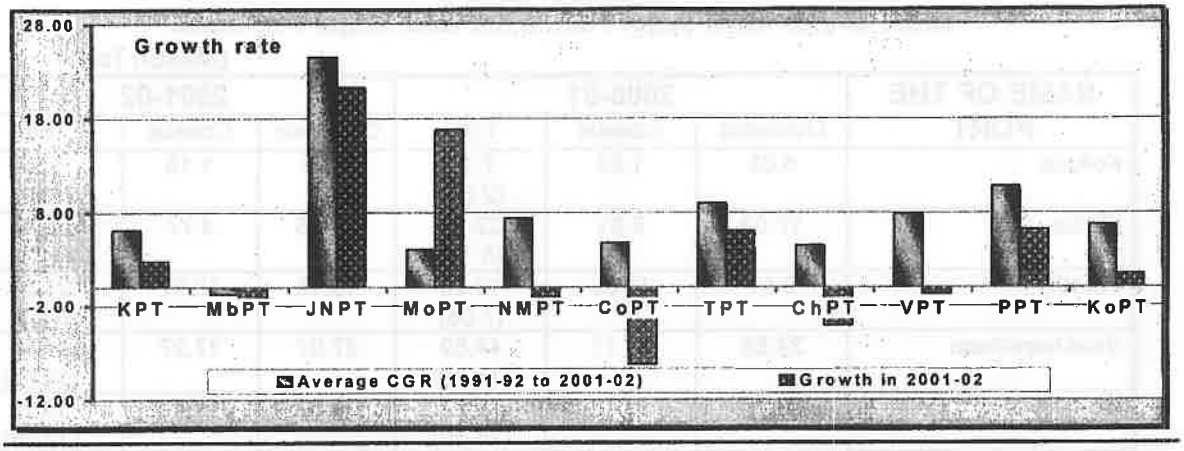
With respect to the contribution of individual major ports to the total cargo traffic, VPT is the leading port during 2001-02 having a share of 15.42% of the total major ports traffic. As compared to 2000-01, there is no change in the top five ports in terms of share of traffic - being Visakhapatnam, Kandla, Chennai, Kolkata & Haldia and Mumbai.

Analysis of the share of different major ports in handling overseas cargo reveals that KPT is the leading major port followed by VPT, ChPT, KoPT, MoPT and JNPT. In respect of the coastal cargo handled by major ports, VPT comes first followed by ChPT and PPT.

20. Port-wise analysis of the traffic growth indicates that JNPT recorded the highest y-o-y growth of 21.21% during 2001-02 followed by Mormugao (MoPT) (16.81%), Paradip (PPT) (6.18%), Tuticorin (TPT) (6.03%), Kandla (KPT) (2.69%) and KoPT (1.33%). Kandla & KoPT were able to reverse the decline in the traffic experienced last year. Cochin (CoPT) (-8.22%), Chennai & Ennore (-4.12%), Mumbai (-2.33%), New Mangalore (NMPT) (-2.18%) and Visakhapatnam (VPT) (-0.78%) have recorded decline in the cargo traffic. In the case of Mumbai, though the year 2001-02 is the sixth consecutive year of decline in traffic, the magnitude of decline has come down.

21. The long-term average CGR during 1991-92 to 2001-02 for all the major ports is juxtaposed with the growth in 2001-02 in Chart 9.

Chart –9
Growth Rates achieved by the Major Ports in Traffic Handled



It is observed that JNPT has been the fastest growing port with a CGR of 24.5% followed by PPT (10.73%), TPT (8.94%), VPT (7.79%), NMPT (7.35%), KoPT (6.66%), KPT (6.09%), CoPT (4.70%), ChPT (4.43%) and MoPT (3.99%). Mumbai is the only port experiencing a decline in CGR (-0.81%) during that period. In respect of traffic growth in 2001-02, it is observed that MoPT had posted a growth higher than the CGR of the decade.

Commodity-wise Traffic

22. Commodity-wise break-up of traffic handled by the major ports in India during the last five years is given in Table –7.

Table- 7
Commodity-wise Traffic Handled by Major Ports

(in million tons)

	POL &its products	Iron Ore	Coal	Fertiliser	Fert. Raw Materials	Foodgrains	Others	Total
1996-97	97.86	33.26	37.53	3.30	6.63	3.27	45.41	227.26
	(7.63)	(-3.77)	(11.07)	(-42.41)	(0.08)	(-15.13)	(14.32)	(5.6)
1997-98	104.39	39.61	42.30	4.80	7.61	2.90	50.05	251.66
	(6.67)	(19.1)	(12.7)	(45.45)	(14.79)	(-11.17)	(10.2)	(10.74)
1998-99	107.57	34.55	43.61	4.72	7.84	3.65	49.80	251.74
	(3.05)	(-12.78)	(3.1)	(-1.67)	(2.93)	(25.79)	(-0.48)	(0.03)
1999-00	117.68	36.38	43.19	5.64	8.21	3.00	57.87	271.97
	(9.4)	(5.31)	(-0.94)	(19.59)	(4.72)	(-17.79)	(16.19)	(8.04)
2000-01	108.38	40.46	54.52	3.03	10.31	1.98	62.45	281.13
	(-7.90)	(11.2)	(26.23)	(-46.3)	(25.56)	(-34.13)	(7.93)	(3.37)
2001-02	103.28	45.76	51.25	3.49	10.48	3.92	69.40	287.58
	(-4.71)	(13.11)	(-6.00)	(15.28)	(1.70)	(97.88)	(11.12)	(2.29)

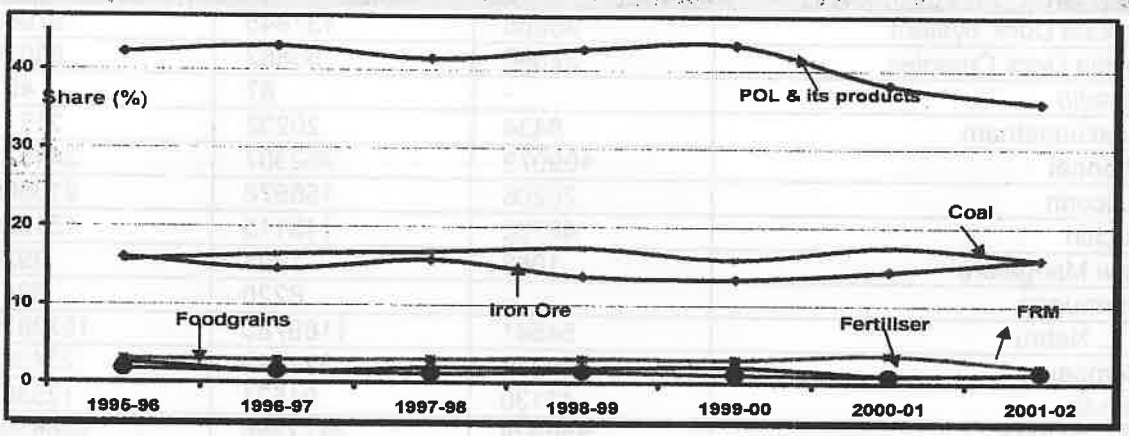
Note : Figures in brackets indicate the year-on-year growth rates of respective stream of traffic.

Highest year-on-year growth in traffic during 2001-02, among the principal commodities, is seen in the case of Foodgrains (97.88%) followed by Fertiliser (15.28%) and Iron Ore (13.11%). Traffic in POL & its products has declined (–4.71%). Traffic in Coal (-6.00%) has also experienced decline during 2001-02.

23. In respect of the traffic at Major ports, it is also observed that the composition of the traffic basket has been changing, marginally, over the years (Chart -10).

Chart – 10

Commodity Composition of the Traffic at Major Ports



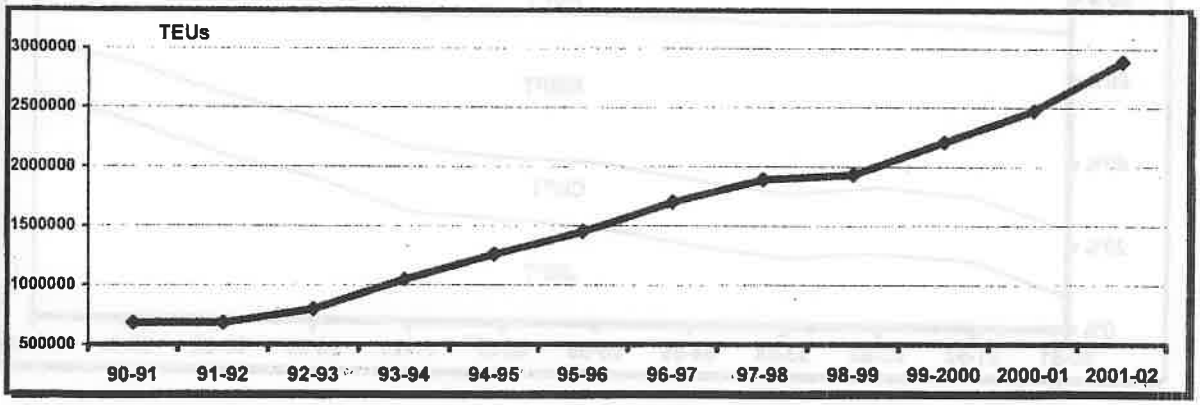
Nearly 70% of the traffic handled by the major ports is accounted for by three commodities viz. POL & its products (35.91%), Coal (17.82%) and Iron Ore (15.91%). As compared to 2000-01, share of POL & Coal traffic declined in 2001-02 whereas that of Iron Ore, Fertilizer and Foodgrains increased.

Container Traffic

24. Containerisation started in India in 1973 in a limited way with the creation of interim container handling facilities at MbPT and CoPT. Since then, the container traffic has steadily increased over the years. The container traffic has been recording impressive growth particularly since 1992-93, in tune with the increasing use of containers for all types of cargoes in international trade. ***This traffic which was 0.68 million TEUs in 1990-91 has increased over the years to 2.89 million TEUs in 2001-02*** with an average CGR of 14.03% (Chart-11).

Chart- 11

Container Traffic Handled by Major Ports



The year-on-year growth during 2001-02 was 16.75%, higher than the growth during 2000-01 (12.02%) and the average CGR during 1990-91 to 2001-02 (14.03%)

25. The container traffic at the container handling ports is as under:

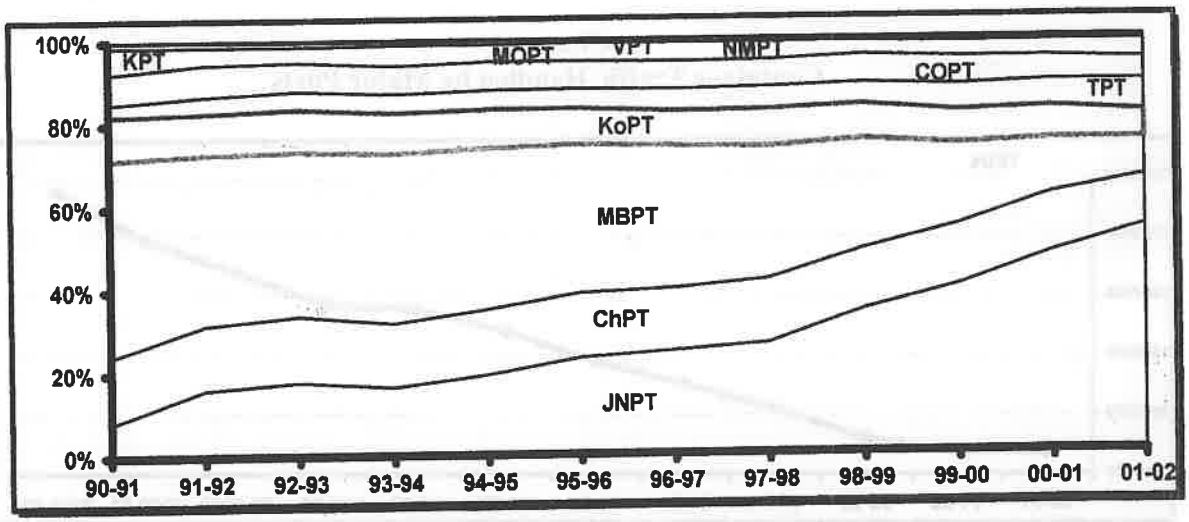
Table No. – 8
Port-wise Container Traffic Handled

(In TEUs)

Name of the Port	1990-91	2000-01	2001-02
Kolkata Dock System	48985	137845	97985
Haldia Dock Complex	22396	50882	93010
Paradip	-	87	451
Visakhapatnam	8434	20232	21517
Chennai	109073	352307	344532
Tuticorin	20206	156978	213509
Cochin	48782	143115	151829
New Mangalore	1063	1891	3929
Mormugao	-	6220	6247
J. L. Nehru	54641	1189780	1573679
Mumbai	324216	321419	254309
Kandla	43130	91534	125363
ALL PORTS	680926	2472290	2886360

26. With respect to the contribution of different container handling major ports to the total container traffic for 2001-02, ***JNPT continues to be the leading port in India accounting for a share of 54.52% of the container traffic in 2001-02***. Other important container handling ports, in the order of their share are ChPT, MbPT, TPT, KoPT, , CoPT and KPT with a share of 11.94%, 8.81%, 7.4%, 6.62%, 5.26% and 4.34% respectively. As compared to 1990-91, all the major container handling ports, except JNPT and TPT, have seen their respective shares decline over the years. The share of MbPT has seen a dramatic decline from 47.61% in 1990-91 to 8.81% in 2001-02 due to diversion of container traffic to JNPT, while the share of JNPT has increased from 8.02% to 54.52% during the same period (Chart-12).

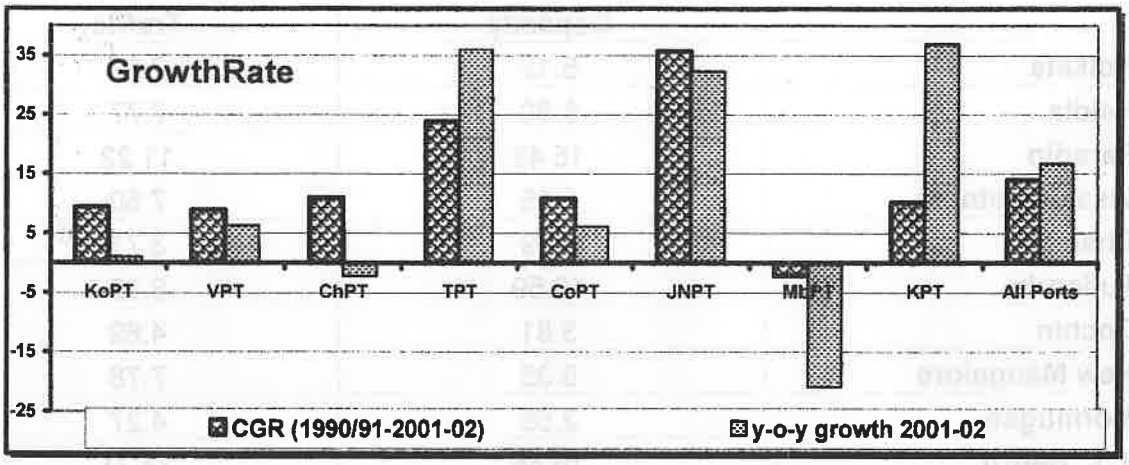
Chart-12
Share of Major Ports in Container Traffic
(Percent)



27. A look at the growth trend of container traffic over the period 1990-91 to 2001-02 reveals that JNPT is the fastest growing major port for containers during the period, with an average CGR of 35.73%, followed by TPT (23.9%), ChPT (11.02%), CoPT (10.87%), KPT (10.19%) KoPT (9.36%) and VPT (8.89%) MbPT is the only port experiencing decline as a result of the steep fall in the container traffic from 1998-99 onwards (Chart-13).

Chart – 13

Growth Rates of Container Traffic Handled by Major Ports



Performance Indicators

Capacity Utilisation

28. 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 169.23 million tons at the end of 1991-92 has increased to a level 291.45 million tons at the end of 2000-01 and to 343.95 million tons at the end of 2001-02. The year on year capacity growth in 2001-02 was higher at 18.01% as against a growth of 12.94% in 2000-01 and compound growth rate of 7.35% during 1991-92 to 2001-02.

29 The capacity utilization which was 92.6% in 1991-92 and 97.3% in 1992-93 was consistently above 100% thereafter, reaching a level of 105.4% in 1999-2000. The capacity addition and the productivity improvements at the major ports besides the availability of facilities at select non major ports have changed the scenario of major ports trying to cope with excessive traffic to a situation where ports, in general, are able to handle the vessels without difficulties. The year 2000-01 has witnessed the capacity utilisation of 96.46% for all the major ports; for 2001-02 it was 83.61%. Individual ports however revealed differences in capacity utilisation.

30 Port-wise capacity utilization during 2001-02 indicates that MoPT (111.84%), VPT (107.76%) experienced a capacity utilization of more than 100%. Other ports which experienced capacity utilization higher than the all-port average (83.61%) are KPT (94.32%), TPT (93.31%) and ChPT (93.20%).

31. It would be of interest to compare the average growth in the capacity vis-à-vis the traffic during 1991-92 to 2001-02 as brought out in Table -9. In the case of five ports, viz. Haldia, Visakhapatnam, Cochin, Mormugao and JNPT the average traffic growth is higher than the average capacity growth. In the case of other ports, the capacity growth has been higher than the traffic growth. (It may be noted that the above comparison of capacity utilization has limitations since the calculations are based on the year-end capacity availability and do not take into account the partial availability of capacities added during the course of the year).

Table No. 9
Average Growth – Capacity vs Traffic

(Percent)

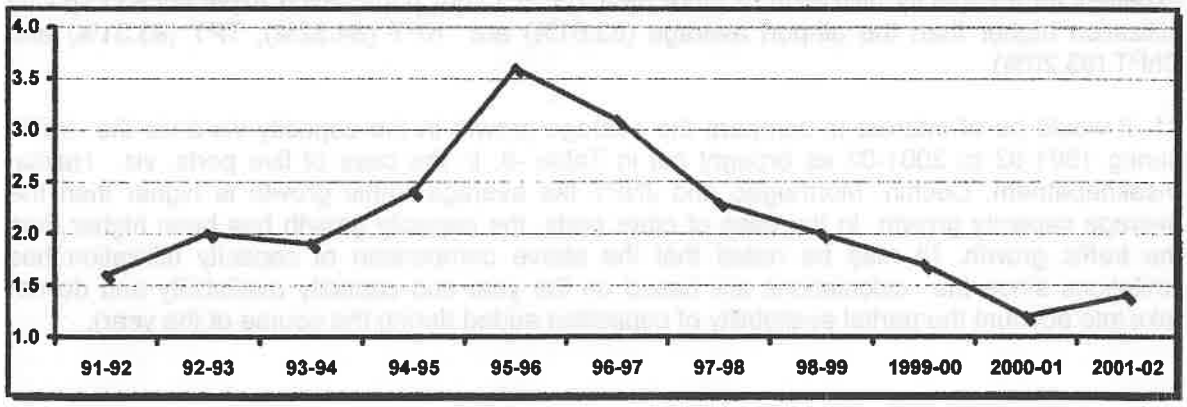
Port	CGR during 1991-92 to 2001-02	
	Capacity	Traffic
Kolkata	5.12	2.60
Haldia	6.80	7.77
Paradip	15.42	11.22
Visakhapatnam	6.25	7.50
Chennai	5.79	3.73
Tuticorin	10.59	8.29
Cochin	3.81	4.89
New Mangalore	8.35	7.78
Mormugao	2.56	4.27
J. L. Nehru	16.85	23.21
Mumbai	3.69	0.07
Kandla	6.97	6.03
All Ports	7.35	6.26

Average Pre-berthing Detention

32. Average pre-berthing detention(PBD), exhibited an increasing trend since 1991-92 (1.6 days) to attain a high of 3.6 days in 1995-96. This has been reversed since then and was 1.2 days in 2000-01 and 1.4 days in 2001-02. The position in respect of Average pre berthing detention for all major ports during 1991-92 to 2001-02 is brought out in Chart 14. All the ports, excepting TPT, MoPT, JNPT, MbPT and KPT recorded decreases or remained static in PBD in 2001-02 as compared to 2000-01.

33. Average PBD depends on variety of factors attributable to port account and non-port account. The marginal increase in PBD in 2001-02 to 1.4 days as compared to 1.2 days in 2000-01, could be attributed mainly to non port account-reasons. (The PBD on port account of 0.46 days in 2000-01 marginally increased to 0.48 days 2001-02, while the PBD on non port account increased from 0.73 days to 0.89 days for the same period).

Chart –14
Average Pre-berthing Detention - All-ports

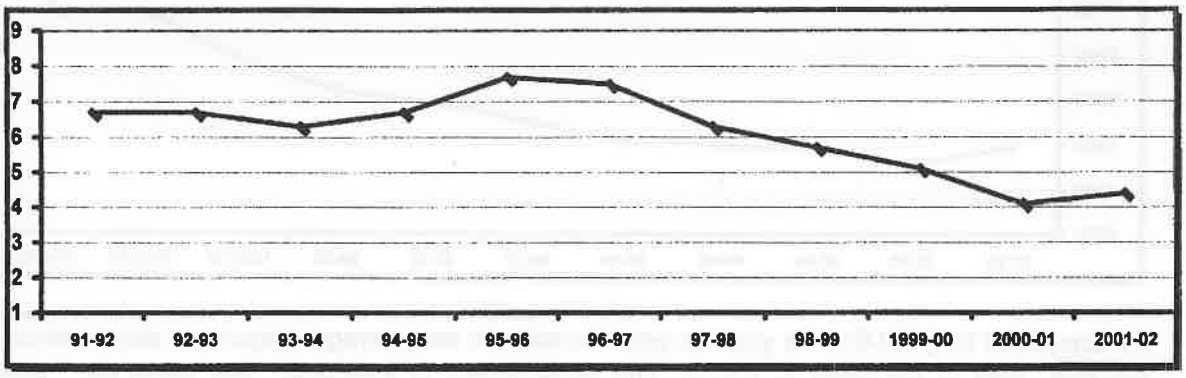


34. Data on PBD for the different type of vessels indicates that in 2001-02 the average PBD was the least (0.82 days) in the case of container vessels followed by liquid bulk (1.11 days), dry bulk (mech.) (1.61 days), dry bulk (conv.) (1.86 days) and break bulk vessels (2.03 days).

Average Turn-Round Time

35. There has been general reduction in the average turn round time (TRT) at all the major ports in the country during the last 10 years. The average turn round time was 6.7 days in 1991-92 at all ports level has declined over the years to reach a level of 4.24 days in 2000-01 and 4.44 days in 2001-02 (Chart 15).

Chart –15
Average Turn Round Time- All-ports Average



36. Ports which have shown considerable improvement in TRT include KDS (-14.36%) followed by CoPT (-11.58%), ChPT (-9.95%).

37. The average 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 the following table.

Table No. 10
Average Parcel Size and Turn Round Time

Type of Vessel	2001-02		2000-01	
	Average Parcel Size (Tons)	Aveage TRT (Days)	Average Parcel Size (Tons)	Aveage TRT (Days)
Dry Bulk (Mech.)	50531	4.79	48051	5.28
Dry Bulk (Conv.)	24760	7.54	24392	7.04
Liquid Bulk	22581	2.92	22566	3.27
Break Bulk	5140	6.76	5611	6.18
Container	7617	2.70	8607	2.21
All Types	**18850**	**4.44**	**18714**	**4.24**

In 2001-02, the TRT has been the least in the case of container vessels (2.70 days). Data for 2000-01 and 2001-02 reveal that the average TRT decreased despite increase in parcel size in the case of Dry Bulk (Mech.) and Liquid Bulk while it increased for Break Bulk, container and dry bulk (Conv.) vessels.

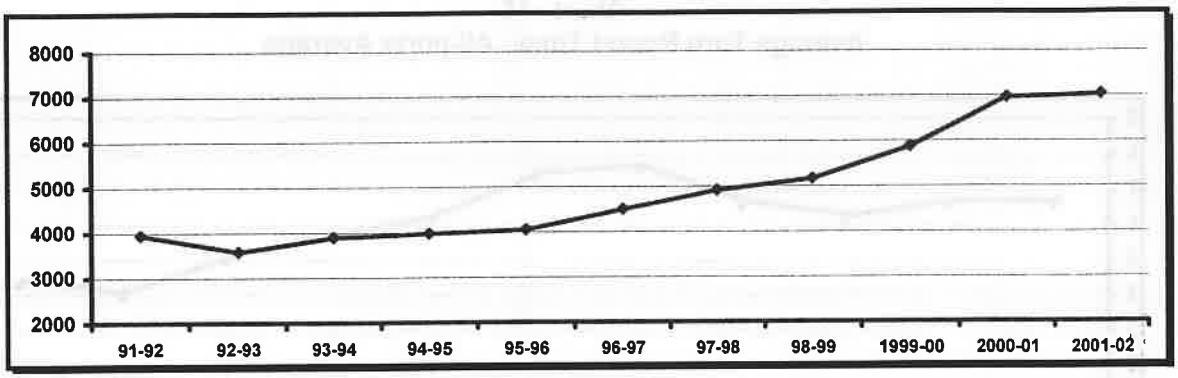
38. At the individual port level, ports which recorded average TRT higher than all ports average of 4.44 days in 2001-02 were KDS (4.71 days), Chennai (5.25 days), Mormugao (4.65 days), Mumbai (5.47 days) and Kandla (6.55 days). The lowest was in the case of NMPT (2.73 days) which handles mainly liquid bulk and dry bulk (mech.) vessels followed by CoPT (2.75 days) which pre-dominantly handles liquid bulk and container vessels and JNPT (2.98 days) of which 65% of vessels handled were containers (excluding Nhava-Sheva International Container Terminal) (NSICT). The mixed composition of the traffic, which is not dominated by any one

type of cargo and handling of time consuming break bulk in the case of ChPT and non iron ore dry bulk cargo at Kandla could possibly be considered as reason for their respective levels of their TRTs.

Average Output per Ship Berth day

39. The average output per ship berthday nearly doubled between 1991-92 to 2001-02 from 3942 tons to 7024 tons, growing at an yearly CGR of 5.95% (Chart 16).

Chart - 16
Average Output per Ship Berthday – All-ports Average



As compared to 2000-01, the year-on-year increase in the average output per ship berthday in 2001-02 was of the order of 0.91%. The performance of individual four ports viz. Paradip, Visakhapatnam, NMPT and MoPT showed improvement in out put per ship berthday.

40. Out put per ship berthday by type of vessels generally showed improvement.

Table No. 11
Out Put Per Ship Berthday by Vessel Type

Type of Vessel	Average Out Put Per Ship Berthday (Tons)	
	2001-02	2000-01
Dry Bulk (Mech.)	17003	15956
Dry Bulk (Conv.)	4954	4938
Liquid Bulk	15099	13828
Break Bulk	1218	1302
Container	4951	5661
All Types	7024	6961

The average out put per ship berthday by vessels type reveals that in the categories of Dry Bulk (Mech.), Dry Bulk (Conv) and Liquid Bulk there were increases. In respect of containers the average out put per ship berthday are not strictly comparable since data for 2001-02 does not include NSICT.

41. At the individual port level, the average out put per ship berthday presents a mixed picture. This could be ascribed to a variety of factors; an important determinant is composition of traffic that the port handles. The highest average out put per ship berthday during 2001-02 (as also in 2000-01) was in the case of MoPT whose traffic is primarily mechanical handling of iron ore. MoPT is followed by NMPT and VPT (whose traffic is pre-dominantly in liquid bulk and dry bulk). The lowest out put per ship berthday in 2001-02 has been recorded by KDS. This is followed by TPT and MbPT mainly on account of slow moving general cargo and container cargo.

D. Performance of Non-major Ports

42. The effectiveness of non-major ports in meeting the needs of traffic in the context of the physical and technical limitation to expansion of the existing capacities at the major ports can not be over emphasized. The development of coastal shipping is also another factor giving fillip to the emergence of non-major ports as a significant constituent of the country's port infrastructure. Fully recognizing the importance of non-major ports, some of the maritime States have launched initiatives for their development. This has led to significant growth in the cargo traffic handled by the non-major ports in the past few years and relieved the pressure on the major ports.

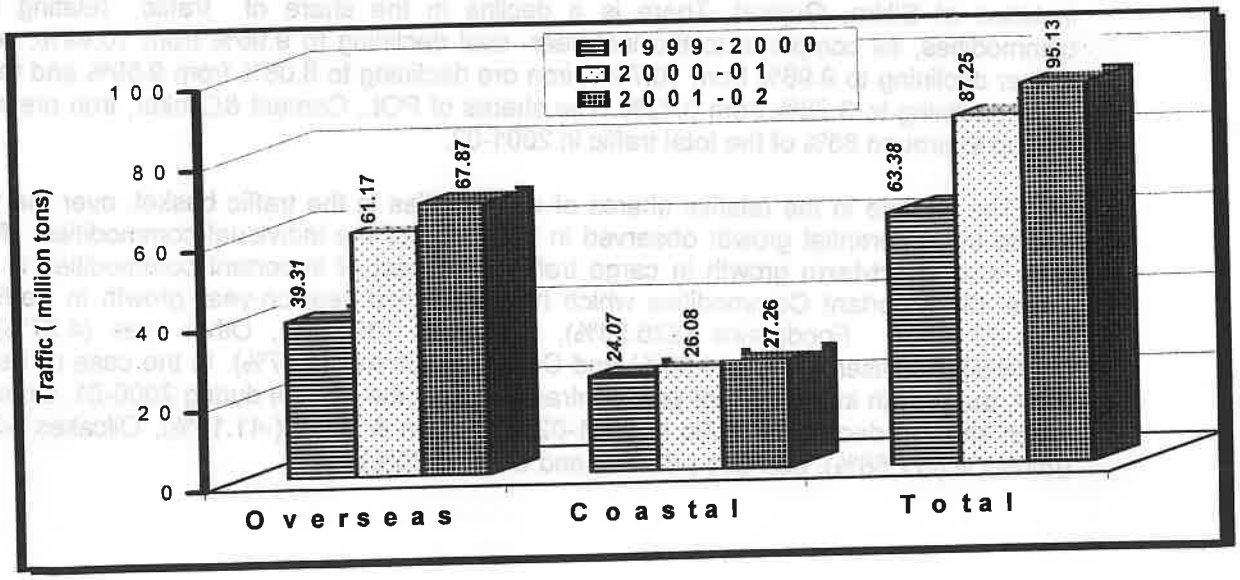
43. There are 185 non-major ports situated along the 5560 kms of the coast-line and sea-islands of India. These ports are located in Gujarat (40), Maharashtra (53), Goa (5), Daman & Diu (2), Karnataka (9), Kerala (13), Lakshdweep (10), Tamilnadu (14), Pondicherry (1), Andhra Pradesh (12), Orissa (2), West Bengal (1) and Andaman & Nicobar Islands (23). Out of these ports, only a few ports are well developed and provide all-weather berthing facilities for cargo handling. A total of 53 ports usually handle cargo traffic.

Cargo Traffic Handled

44. ***Non-major ports in India collectively handled 95.13 million tons(provisional) of traffic during the year 2001-02 as compared to 87.25 million tons of cargo handled in 2000-01*** (Chart-17). The 9.03% growth in traffic achieved during 2001-02 appears moderate in comparison to the increase of 37.66% during 2000-01. It is also observed that the coastal cargo traffic has remained almost static while overseas cargo had increased in the recent past. The overseas cargo was 39.31 million tons in 1999-2000 constituted 62% of total traffic. This has increased to 61.17 million tons in 2000-01 and 67.87 million tons in 2001-02 whereby the share of overseas cargo to total cargo stands at a high level of 70% and 71% respectively. It may also be stated that during 2001-02, the growth in the total capacity of the non-major ports was only incremental as no new facility became operational.

Chart -17

Growth in Total Cargo Traffic Handled by Non-major Ports



Commodity Composition of Non-Major Port Traffic

45. Commodity-wise composition of traffic handled by non-major ports during the past few years reveals that the composition has been changing, over the years. The position is presented in Table–12.

Table-12
Commodity -wise Traffic Handled at Non-major Ports

Year	Traffic Handled (Million Tons)						
	POL & its Products	Iron Ore	Cement & Clinker	Coal	Fertiliser & FRM	Others	Total
1996-97	4.69 (16.84)	5.50 (19.94)	4.06 (14.58)	2.63 (9.44)	1.94 (6.97)	9.01 (32.23)	27.83 (100)
1997-98	8.84 (22.90)	6.43 (16.65)	5.81 (15.06)	4.74 (12.28)	2.72 (7.05)	10.07 (26.06)	38.61 (100)
1998-99	6.30 (17.34)	7.55 (20.78)	6.63 (18.27)	4.99 (13.74)	2.83 (7.80)	8.01 (22.07)	36.31 (100)
1999-2000	27.80 (43.86)	8.75 (13.81)	7.22 (11.39)	6.61 (10.42)	3.74 (5.91)	9.26 (14.61)	63.38 (100)
2000-2001(P)	46.33 (53.10)	8.37 (9.59)	9.37 (10.74)	9.59 (10.99)	2.98 (3.42)	10.61 (12.16)	87.25 (100)
2001-02 (P)	54.13 (56.90)	7.69 (8.08)	9.48 (9.96)	9.47 (9.96)	3.12 (3.28)	11.24 (11.82)	95.13 (100)

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

POL traffic is the single largest commodity handled, increasing its share from 16.84% of the total traffic in 1996-97 to 56.90% in 2001-02. This mainly owes to the SBM facility installed at Sikka, Gujarat. There is a decline in the share of traffic relating to other commodities, as compared to the last year- coal declining to 9.96% from 10.99%, cement & clinker declining to 9.96% from 10.74%, iron ore declining to 8.08% from 9.59% and fertilizer & FRM declining to 3.28% from 3.42%. The shares of POL, Cement &Clinker, Iron ore and Coal add up to around 85% of the total traffic in 2001-02.

46. The change in the relative shares of commodities in the traffic basket, over the years, is due to the differential growth observed in the traffic of the individual commodities. **Medium-term and short-term** growth in cargo traffic in respect of important commodities is given in Table 13. Important Commodities which have recorded year-on-year growth in traffic during 2001-02 are: Foodgrains (226.53%), Chemicals (36.79%), Other ores (4.37%), POL (16.84%), Fertiliser & FRM (4.56%) and Cement & Clinker (1.17%). In the case of Fertiliser & FRM, the growth in the current year contrasts against the decline during 2000-01. Commodities which showed decline in traffic in 2001-02 are – Iron & Steel (-41.18%), Oilcakes (-33.14%), Edible Oil (-11.56%), Iron Ore (-8.17%) and Coal (-1.25%).

Table No. – 13
Growth Rates in Traffic of Important Commodities(Percentage)

COMMODITY	COMPOUND GROWTH RATE (CGR) : 1996-97 TO 2001-02	YEAR-ON-YEAR GROWTH RATE IN 2000-01	YEAR-ON-YEAR GROWTH RATE IN 2001-02
POL	63.11	66.66	16.84
Coal	29.25	45.18	-1.25
Cement & Clinker	18.44	29.70	1.17
Iron Ore	6.75	-4.31	-8.17
Fertiliser & FRM	11.62	-20.27	4.56
Iron & Steel	4.22	22.62	-41.18
Edible Oil	104.76	13.82	-11.56
Other Ores	37.10	167.71	4.37
Oil Cakes	-23.34	15.58	-33.14
Foodgrains	12.32	61.51	226.53
Chemicals	13.50	1.22	36.79
All Commodities	27.86	37.65	9.03

47. Viewed in the conext of the average yearly CGR during the past 6 years, it is observed that the cargo traffic growth in the medium-term was high for POL, Edible Oils and Coal; these commodities have however posted lower growth or decline in 2001-02.

States Handling Traffic – Non-Major Ports

48. The overall increase of 9.03% in cargo handled during 2001-02 is mainly due to the increase in the traffic handled by the non-major ports in Gujarat; in addition there was increase in traffic at the non-major ports in Andhra Pradesh, Karnataka and Tamil Nadu. The non-major ports in Maharashtra and Goa have during the year witnessed decline in the cargo handled. State-wise break-up of the traffic handled in the past few years is given in Table-14.

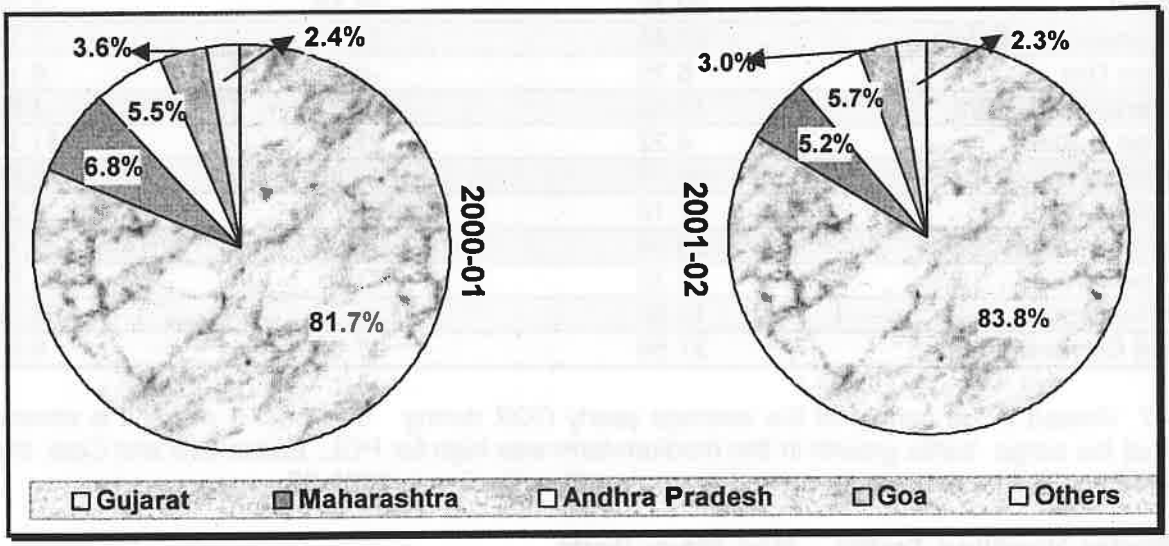
Table- 14
Traffic Handled by Non-Major ports

Year	Traffic Handled (Million Tons)					
	Gujarat	Maharashtra	AP	Goa	Others	Total
1996-97	19.86 (7.45)	4.24 (22.27)	2.22 (-3.30)	0.39 (269.16)	1.12 (-17.04)	27.83 (8.25)
1997-98	27.71 (39.57)	4.68 (10.39)	3.54 (58.87)	0.98 (149.37)	1.70 (51.79)	38.61 (38.71)
1998-99	22.92 (-17.29)	5.19 (10.89)	4.18 (18.09)	2.17 (120.71)	1.85 (8.82)	36.31 (-5.96)
1999-2000	46.70 (103.72)	6.05 (16.38)	5.92 (41.69)	2.49 (14.35)	2.22 (20.00)	63.38 (74.58)
2000-01(P)	71.26 (52.59)	5.90 (-2.48)	4.84 (-18.24)	3.19 (28.11)	2.06 (-7.21)	87.25 (37.66)
2001-02(P)	79.71 (11.86)	4.96 (-15.93)	5.41 (11.78)	2.86 (-10.35)	2.19 (6.31)	95.13 (9.03)

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

49. ***Gujarat continues to be the leading maritime state, accounting for 83.8% of the total non-major port cargo traffic in 2001-02.*** The other contributing States to the cargo traffic during 2001-02 were: Andhra Pradesh (5.7%), Maharashtra (5.2%), and Goa (3.0%). The remaining 2.3% of the cargo was handled by all the other maritime States/UTs. As compared to 2000-01, the share of Gujarat and Andhra Pradesh has seen a marginal increase whereas that of Maharastra and the other maritime States has declined (Chart-18).

Chart -18
State-wise contribution to the Traffic at Non-Major Ports



Cargo Traffic Handled - State-wise Analysis

GUJARAT

50. Gujarat is a principal maritime State endowed with a natural coastline of approximately 1600 kms (about 29% of India's total coastline). The State has 40 non-major ports. These are under administrative control of the Gujarat Maritime Board (GMB) since April, 1982.

51. 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. Further, through the *Port Policy of 1995,* the GMB has been securing the active participation of the private sector in the development of non-major ports in Gujarat. There has been a steady increase in the infrastructure as well as growth in the volume of traffic handled by the non-major ports of Gujarat during the medium term. This traffic is handled mainly through 14 important non-major ports. The remaining 26 non-major ports are used for fishing activities and sailing vessels traffic of small volume. The share of Gujarat in the total cargo handled by all the non-major ports in India has been increasing as a result of the successful development of the sector by the GMB.

52. ***The total cargo traffic handled at the non-major ports of Gujarat during 2001-02 was of the order of 79.71 million tons (provisional) as against 71.26 million tons in 2000-01,*** representing a year-on-year growth of 11.86%. (This growth is lower than the growth of 52.60% achieved in 2000-01 as well as the long-term average CGR of 21.55% achieved during 1990-91 to 2001-02). Overseas traffic in 2001-02 was 60.73 million tonnes with the remaining 18.98 million tonnes being coastal traffic. During 2001-02, overseas traffic recorded a growth of 12.68% (lower than the growth of 74.75% in 2000-01) and the coastal traffic logged 9.28% growth (marginally lower than the earlier year growth of 9.51%).

53. The following Table (Table-15) presents the traffic handled at important non-major ports of Gujarat during the past few years.

Table- 15
Traffic Achieved at Select Non-Major Ports of Gujarat

Year	Traffic Handled (million tons)									
	Sikka	Magd -alla	Jafra -bad	Bedi	Mul-Dwarka	GAPL	Dahej	Pipavav (Inc. GPPL)	Others	Total
1996-97	4.56	6.35	1.30	2.57	1.16	-	0.03	Neg.	3.89	19.86
1997-98	4.74	9.08	2.26	2.67	1.71	-	0.20	1.11	5.94	27.71
1998-99	1.59	8.98	2.87	1.50	2.07	0.24	0.64	0.65	4.38	22.92
1999-00	21.21	10.04	3.30	1.54	2.23	1.17	1.38	0.69	5.14	46.70
2000-01 (P)	40.79	9.89	3.93	3.27	3.02	2.26	1.94	1.91	4.25	71.26
2001-02 (P)	47.20	8.91	4.04	3.09	3.26	3.47	3.45	1.56	4.73	79.71

Sikka Port handled the highest cargo tonnage of 47.20 million tons in 2001-02 up from 40.79 million tons handled in 2000-01. Sikka accounted for 59.21% the total cargo handled by the non-major ports in Gujarat in 2001-02. This port has witnessed manifold increase in the cargo traffic ever since the commissioning of Reliance Jamnagar maritime terminal facility. Sikka handles 3 major commodities i.e. Crude Oil, HSD and Naptha.

Next to Sikka, Magdalla is the leading non-major port of Gujarat contributing 11.18% to the cargo traffic in 2001-02. During 2001-02, the port handled 8.91 million tons of cargo. Major commodities handled by the port are Iron ore, Naphtha, Cement & Clinker, Coal and HR Coils.

Jaffrabad Port handled 4.04 million tons of cargo in 2001-02, with a share of 5.07% in the total traffic. The other important ports which have shown increase in the cargo handled during 2001-02 are Mul-Dwarka handling 3.26 million tons of cargo, Gujarat Adani Port Ltd. (GAPL) handling 3.47 million tons of cargo, Dahej handling 3.45 million tons, Navalakhi handling 1.73 million tons and Porbandar handling 1.04 million tons. Coal traffic at Porbandar and naphtha traffic at Dahej have also contributed to the increase in traffic handled recorded during the current year. However, it is also observed that Bedi, GPPL and Okha have witnessed lower traffic during 2001-02.

54. Commodity-wise analysis of the total cargo handled by the non-major ports in Gujarat indicates that POL and other petroleum products continued to increase their share in the total traffic, (Table – 16). POL & products accounted for 63.23% to the total cargo handled in 2001-02 as against 59.98% in 2000-01. This is followed by Coal (10.54%) and Cement & Clinker (9.94%). The dominance of Gujarat in the total traffic handled by all the non-major ports in India can be gauged from the fact that the of the total POL traffic, nearly 93% is handled by the non-major ports in Gujarat. The import of crude oil through the new SBMs installed at Sikka for the Jamnagar Refinery has contributed substantially to the growth of POL traffic. This traffic which was 6.77 million tons in 1997-98 has rapidly grown to 50.40 million tons in 2001-2002.

Table - 16
Commodity-wise Traffic Handled at Gujarat Non-Major Ports

Year	Traffic Handled (Million tons)						
	POL & Products	Coal	Cement	Fertilizer & FRM	Iron Ore	Others	Total
1996-97	3.89	2.06	3.24	1.39	2.52	6.76	19.86
1997-98	6.77	3.65	4.92	1.93	3.21	7.23	27.71
1998-99	3.74	4.36	5.08	1.85	2.83	5.06	22.92
1999-2000	23.74	6.03	5.81	2.42	3.36	5.34	46.70
2000-01(P)	42.74	8.79	7.93	1.91	2.31	7.58	71.26
2001-02 (P)	50.40	8.40	7.93	2.05	3.08	7.85	79.71

55. The growth in traffic in respect of individual commodities in 2001-02 vis-à-vis the medium term indicates wide variation as revealed by the Table – 17.

Table – 17
Growth Rate in Traffic of Important Commodities –Non-Major Ports of Gujarat

(Percentage)

COMMODITY	COMPOUND ANNUAL GROWTH RATE (CGR) : 1996-97 TO 2001-02	YEAR-ON-YEAR GROWTH RATE IN 2000-01	YEAR-ON-YEAR GROWTH RATE IN 2001-02
POL	66.91	80.03	17.92
Coal	32.43	45.77	-4.44
Cement & Clinker	19.62	36.49	-
Fertiliser & FRM	8.08	-21.08	-7.33
Iron Ore	4.09	-31.25	33.33
Other Ores	38.31	180.85	-0.46
Iron & Steel	7.41	45.42	-41.06
Edible Oil	97.23	83.23	-3.90
Oil Cakes	-23.34	-15.58	-33.14
Foodgrains	7.54	114.37	248.52
All Commodities	**32.04**	**52.60**	**11.86**

ANDHRA PRADESH

56. Andhra Pradesh is another important maritime State with a coast line of around 1000 KM. There are 2 intermediate and 10 minor ports in Andhra Pradesh. Of these 4 ports normally handle cargo traffic. During 2001-02, Andhra Pradesh had emerged as the second largest contributor to the total non-major port cargo traffic, (next to Gujarat), and with a share of 5.7% of the total traffic handled in 2001-02.

57. ***Non-major ports in Andhra Pradesh collectively handled 5.41 million tons of cargo during 2001-02 as compared to 4.84 million tons in 2000-01***. The year-on-year growth of nearly 12% in 2001-02 contrasts against a decline of the previous year. It is observed that this increase has been achieved owing to the growth in overseas traffic by 48% despite a decline in

coastal traffic. The overseas traffic during 2001-02 was 2.92 million tonnes and coastal traffic was of the order of 2.49 million tons.

58. The following Table (Table –18) gives the port-wise break-up of the cargo handled in Andhra Pradesh during 2001-02 as well for the previous years.

Table -18
Traffic Achieved at Select Non-Major Ports - Andhra Pradesh

Year	Traffic Handled (Million Tons) -Port Wise			
	Rawa	Kakinada Anchorage	Kakinada Deep Water Port	Total
1996-97	0.72	1.40	0.10	2.22
1997-98	1.77	1.24	0.53	3.54
1998-99	1.52	1.56	1.10	4.18
1999-2000	2.53	1.27	1.78	5.92*
2000-2001 (P)	2.56	0.51	1.77	4.84
2001-02 (P)	2.44	0.82	2.15	5.41

* Includes others (0.34 million tons).

All the non-major ports of Andhra Pradesh except Rawa recorded increase in traffic handling. However, Rawa, which is a captive port to an oilfield, continues to be the leading port followed by Kakinada Deep Water port and Kakinada Anchorage port.

59. Crude Oil constitutes the principal item of cargo handled (accounting for 55.82 % of the total cargo handled), followed by Fertilisers and FRM (18.30%) and Edible oils (10.72%) (Table-19).

Table -19
Commodity-wise Traffic Handled at Non-Major Ports - Andhra Pradesh

Year	Traffic Handled (Million Tons)				
	Crude Oil	Fertilizer & FRM	Edible Oil	Others	Total
1996-97	0.72	0.36	0.02	1.12	2.22
1997-98	1.80	0.58	0.10	1.06	3.54
1998-99	1.86	0.77	0.17	1.38	4.18
1999-2000	2.90	1.21	0.80	1.01	5.92
2000-2001(P)	2.78	0.95	0.64	0.47	4.84
2001-02 (P)	3.02	0.99	0.58	0.82	5.41

Traffic in the main commodities has shown increase in 2001-02 as compared to 2000-01 except for Edible Oil traffic.

MAHARASHTRA

60. Maharashtra has a coast line of around 720 KM with 53 notified intermediate/minor ports. Out of these only 7 ports handle cargo traffic.

The total cargo traffic handled at the non-major ports of Maharashtra during 2001-02 is placed (provisionally) at 4.96 million tons as compared to 5.90 million tons in 2000-01. This represents a decline of 15.93%. Overseas traffic at 1.41 million tonnes and the coastal traffic at 3.55 million tonnes have logged decline.

61. The contribution of the State to the total cargo handled by all the non-major ports in India is around of 5.21% in 2001-02 as against 6.76% in the previous year. The traffic at select non-major ports in Maharashtra for the recent years is given in table (Table 20) below:

Table –20
Traffic Achieved at Select Non-Major Ports – Maharashtra

Year	Traffic Handled (Million Tons)					
	Dharamtar	Revdanda	Ulwa-Belapur	Ratnagiri	Others	Total
1996-97	1.69	1.28	0.38	0.44	0.45	4.24
1997-98	1.70	1.13	0.52	0.45	0.88	4.68
1998-99	1.66	1.20	0.68	1.00	0.65	5.19
1999-2000	2.18	1.38	0.71	0.60	1.18	6.05
2000-2001(P)	2.70	1.22	0.68	0.56	0.74	5.90
2001-02 (P)	2.46	0.79	0.72	0.49	0.50	4.96

It is observed that Dharamtar is the leading non-major port of Maharashtra accounting for nearly 50% of total traffic handled. In spite of a decline of 8.89% in 2001-02 Dharamtar still handled 2.46 million tons of cargo in 2001-02 as against 2.70 million tons in 2000-01. The other important non-major ports of Maharashtra are Revdanda, Ulwa-Belapur and Ratnagiri.

62. Commodity-wise break-up of the cargo handled by the non-major ports of Maharashtra indicates that Iron ore traffic of 2.08 million tons constituted 41.94% of the total cargo handled in 2001-02 followed by Cement and Clinker (27.42%), Coal (16.73%) and POL and its products (2.01%) (Table-21).

Table -21
Commodity-wise Traffic Achieved at Non-Major Ports – Maharashtra

Year	Traffic Handled (Million Tons)					
	Iron Ore	Cement & Clinker	POL & Products	Coal	Others	Total
1996-97	2.84	0.72	-	0.38	0.30	4.24
1997-98	2.49	0.80	0.02	0.85	0.52	4.68
1998-99	2.65	1.45	0.21	0.53	0.35	5.19
1999-2000	3.02	1.28	0.75	0.48	0.52	6.05
2000-01(P)	3.32	1.27	0.44	0.39	0.48	5.90
2001-02 (P)	2.08	1.36	0.10	0.83	0.59	4.96

During the year, traffic in Iron ore has seen a steep decline by 37.35%.The contribution of POL & its products has also come down significantly during the year as a result of the steep fall in the handling of Naphtha at Dhabol. However, the share of Coal has gone up from a level of 6.61% in 2000-01 to 16.73% in 2001-02.

****

SECTION – 1

VITAL PORT STATISTICS

Table 1.1 Number of Major and Non-Major Ports in the Maritime States (As on 31.3.2002)

State / U.T.	Number of Major Ports	Number of Non-Major Ports (a)	Total Number of Ports
1	2	3	4
WEST COAST			
Gujarat	1	40	41
Maharashtra	2	53	55
Goa	1	5	6
Daman & Diu	-	2	2
Karnataka	1	9	10
Kerala	1	13	14
Lakshadweep Islands	-	10	10
EAST COAST			
Tamil Nadu	3	14	17
Pondicherry	-	1	1
Andhra Pradesh	1	12	13
Orissa	1	2	3
West Bengal	1	1	2
Andaman & Nicobar Islands	-	23	23
TOTAL	12	185	197

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

Table 1.2 List Of Non-Major Ports (As on 31.3.2002)

GUJARAT

1 Mandvi
2 Navlakhi
3 Bedi
4 Sikka
5 Jafarabad
6 Okha
7 Porbandar
8 Veraval
9 Bhavnagar
10 Bharuch
11 Magdalla
12 Koteshwar
13 Mundra
(i) GAPL
(ii) Old
14 Jakhau
15 Jodia
16 Salaya
17 Pindhara
18 Beyt
19 Rupen
20 Mangrol
21 Kotda
22 Madhwad
23 Navabandar
24 Rajpara
25 GPPL(Pipavav)
26 Mahuva
27 Talaja
28 Ghogha
29 Khambhat
30 Dahej
31 Bhagwa
32 Onjal
33 Vansi-Borsi
34 Billimora
35 Valsad
36 Umarsadi
37 Kolak
38 Maroli
39 Umergaon
40 Mul-Dwarka

MAHARASHTRA

1 Dahanu
2 Tarapur
3 Nawapur
4 Satpati
5 Kelwa-Mahim
6 Arnala
7 Datiware
8 Uttan
9 Bassein
10 Bhiwandi
11 Manori
12 Kalyan
13 Thane
14 Versova
15 Bandra
16 Trombay
17 Ulwa-Belapur
18 Panvel
19 Mora
20 Mandwa
21 Karanja
22 Thal
23 Rewas
24 Alibag
25 Dharamtar
26 Revdanda
27 Borli/Mandla
28 Nandgaon
29 Murud-Janjira
30 Rajpuri
31 Mandad
32 Kumbharu
33 Shriwardhan
34 Bankot
35 Kelshi
36 Harnai
37 Dabhol
38 Palshet
39 Borya
40 Jaigad
41 Tiwri -Varoda
42 Purnagad
43 Jaitapur
44 Vijaydurg
45 Deogad
46 Achara
47 Malvan
48 Niwti
49 Vengurla
50 Redi
51 Kiranpani
52 Ratnagiri
53 Dighi

KARNATAKA

1 Mangalore
2 Malpe
3 Hangarkatta
4 Kundapur
5 Bhatkal
6 Honavar
7 Tadri
8 Belekeri
9 Karwar

ANDHRA PRADESH

1 Bhavanapadu
2 Calingapatnam
3 Bheemunipatnam
4 Kakinada
(i) Anchorage
(ii) Deep Water
5 Narsapur
6 Machilipatnam
7 Vadarevu
8 Nizampatnam
9 Krishnapatnam
10 Gangavaram
11 Mutyalammapalem
12 Rawa

LAKSHADWEEP

1 Agatti
2 Amini
3 Andrott
4 Bitra
5 Chetlat
6 Kavaratti
7 Kadmat
8 Kiltan
9 Kalpeni
10 Minicoy

ANDAMAN & NICOBAR

1 Port Blair
2 Mus
3 Car Nicobar
4 Havelock
5 Mayabunder
6 Diglipur
7 Rangat
8 Hut Bay
9 Katchal
10 Campbell Bay
11 Neil Havelock
12 Dugong Creek
13 Nancowry
14 Chowra
15 Teressa
16 Kondul
17 Pillow Millow
18 East Island
19 Cinque Island
20 Jolly Bouy Island
21 Tillonchong
22 Castle Bay
23 South Bay

TAMIL NADU

1 Cuddalore
2 Nagapattinam
3 Rameswaram
4 Pamban
5 Colachel
6 Valinokkam
7 Kanyakumari
8 Ennore(C)
9 Punnakayal(C)
10 Thirukkadaiyur(C)
11 PY-3(Oil field)(C)
12 Kattupalli(C)
13 Thiruchopuram(C)
14 Manappad(C)

GOA

1 Panaji
2 Chapora
3 Betul
4 Talpona
5 Tiracol

ORISSA

1 Gopalpur
2 Behrabalpur (Balasore)

DAMAN & DIU

1 Daman
2 Diu

KERALA

1 Alappuzha
2 Vadakara
3 Kannur
4 Kasargode
5 Kodungallore
6 Ponnani
7 Thalassery
8 Thiruvananthapuram
9 Quilon
10 Kozhikode/Beypore
11 Neendakara
12 Azhikkal
13 Koavalam/Vizhinjam

PONDICHERRY

1 Pondicherry

WEST BENGAL

1 Kulpi

(c) Captive Ports

Table 1.3 Topography of Major Ports

(As on 31.3.2002)

Port	Location		Entrance Channel			Turning Circle		Type of Dock/ Port
	Latitude	Longitude	Distance of anchor from Harbour entrance (Km)	Minimum Depth (Mtrs.)	Minimum Width (Mtrs.)	No.	Diameter (In Mtrs.)	
1	2	3	4	5	6	7	8	9
Kandla	23 01' N	70 13' E	25	5.2 below chart datum	300	No Turning Circle		Estuary Port.
Vadinar (Kandla)	22 30' 34" N	69 42' 04" E	8.0	23.5	1500	-	-	Off -Shore oil terminal (Single Buoy Mooring)
Mumbai	18 54' N	72 49' E	9.6	10.9	366	1	366	Natural Harbour and Impounded wet docks.
J.L.Nehru	18 56.43'N(a)	72 56.24' E(a)	17.0	11.0	350	1	600	All weather Tidal Port
Mormugao	15 24' N	73 48' E	4.5	13.0	250	2	480	Natural Harbour protected by a break-water. (At the mouth of River Zuari)
New Mangalore	12 55' N	74 48' E	7.5	15.4	245	1	570	Artificial lagoon port with open berth.
Cochin	9 58' N	76 16' E	10.0	12.8	185	1	500	Lagoon Port
Tuticorin	8 47' N	78 12' E	2.4	10.8	152	1	488	Artificial Harbour
Chennai	13 06' N	80 18' E	6.7	IH 18.6 OH 19.2	244	1	548	Artificial Harbour with wet docks.
Ennore	13 15' 30"N	80 21' E	3.8	16.0	250	1	600	Artificial Harbour
Visakhapatnam	17 41' N	83 17' E						
-Inner Harbour			1.6	10.7	97.54	1	366	Natural Harbour.
-Outer Harbour			1.7	20.0	200	1	610	
Paradip	20 15' N	86 40' E	0.5	12.8	160	1	520	Wet Dock
Kolkata Dock System	22 06' 22" N	88 13' 30"E	233	2.4	45	2	190/228	Riverine with impounded wet docks and river side jetties.
Haldia Dock Complex	22 2'N	88 6'E	115	6.7	467	1	545	Impounded dock with riverine oil jetties.

IH - Inner Harbour
OH - Outer Harbour
(a) At South West Corner of Bulk Berth.

Table 1.4 **Berths Available at Major Ports** **(As on 31.3.2002)**

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during 2000-01	Percentage Occupancy during 2001-02
1	2	3	4	5	6
KANDLA					
I) Cargo Jetty					
a) CJ-I	9.10 to 10.7	2033	40,000	90	94
b) CJ-II				90	93
c) CJ-III				87	95
d) CJ-IV				89	93
e) CJ-V				87	95
f) CJ-VA				87	94
g) CJ-VI				89	92
h) CJ-VIA				94	95
I) CJ-VII				94	93
j) CJ-VIII				93	95
II) Oil Jetty					
a) OJ-I	9.4	90.0	40,000	45	45
b) OJ-II	7.5	110.0	52,000	62	62
c) OJ-III	10.3	85.0	40,000	79	75
d) CJ-IV	10.3	110.0	56,000	59	44
e) OJ-V	9.5	110.0	45,000	65	38
f) CJ-V	10.1	109.0	45,000	19	16
III) Vadinar					
a) SBM-I	...	...	...	61	30
b) SBM-II	...	...	...	61	36
MUMBAI					
Indira Docks			(Length in Mtrs.)		
1. Container	8.84 to 9.14	180	168	60	59
2. Container	8.84 to 9.14	158	175	59	58
3. Container	8.84 to 9.14	158	175	53	51
4. Container	8.84 to 9.14	158	175	45	37
5. Container	8.84 to 9.14	158	175	38	42
6. Multipurpose	8.84 to 9.14	158	175	46	55
7. Multipurpose	8.84 to 9.14	152	175	64	48
8. Multipurpose	8.84 to 9.14	152	175	33	48
9. G. Cargo & Tanker	8.84 to 9.14	152	175	27	29
J/E Heavy Lifts	8.84 to 9.14	130	160	35	30
10. Multipurpose	8.84 to 9.14	152	175	54	–
11. Multipurpose	8.84 to 9.14	152	175	68	80
12. Multipurpose	8.84 to 9.14	152	175	63	73
12 A. Multipurpose	8.84 to 9.14	180	175	76	72
12 B. Multipurpose	8.84 to 9.14	180	175	59	63
13 A. Multipurpose	8.84 to 9.14	180	175	61	69
13 B. Multipurpose	8.84 to 9.14	180	175	60	–
13 G.Cargo and Bulk Cargo	8.84 to 9.14	158			
14. Fertilizers & Food Grains	8.84 to 9.14	158	175	69	79
15. Fertilizers & Food Grains	8.84 to 9.14	158	175	60	70
16. Multipurpose	8.84 to 9.14	158	175	72	76
17. Multipurpose	8.84 to 9.14	158	175	55	32
18. Multipurpose	7.0CD	183	186	56	58
19. Multipurpose	7.0CD	168	160	–	57
20. Multipurpose	7.0CD	168	160	50	74
21. Multipurpose	7.0CD	168	160	53	64
22/23 Multipurpose	7.0CD	168	160	75	52
Ballard Station					
Pier- Container	10.0CD	244	183	58	64
Ballard Extn.					
Pier- Paassenger cum Cargo	10.0 CD	232	221	67	62

Table 1.4(Contd...) **Berths Available at Major Ports** **(As on 31.3.2002)**

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during 2000-01	2001-02
1	2	3	4	5	6
MUMBAI (Contd..)					
Victoria Dock					
1. Multipurpose Berth	6.7	122	140	44	–
2. Multipurpose Berth	6.7	122	140	68	–
3. Multipurpose Berth	6.7	122	140	47	45
4. Multipurpose Berth	6.0	122	140	50	41
5. Multipurpose Berth	6.7	122	140	82	59
6. Multipurpose Berth	6.7	122	140	59	42
7. Multipurpose Berth	6.7	122	140	52	54
8. Multipurpose Berth	6.7	122	140	44	45
9. Multipurpose Berth	6.7	152	140	38	45
10/11.Multipurpose Berth	6.7	152	140	37	42
12.Multipurpose Berth	6.7	150	140	42	41
14.Multipurpose Berth	6.7	150	140	46	50
Prince's Dock					
A. Multipurpose Berth	6.1 to 6.4	138	152	94	98
B. Multipurpose Berth	6.1 to 6.4	138	152	82	97
C. Multipurpose Berth	6.1 to 6.4	140	152	76	89
D. Multipurpose Berth	6.1 to 6.4	140	152	94	97
F. Multipurpose Berth	6.1 to 6.4	140	152	77	84
G. Multipurpose Berth	6.1 to 6.4	100	152	83	84
N/O. Multipurpose Berth	6.1 to 6.4	212	152	90	97
P/Q. Multipurpose Berth	6.1 to 6.4	212	152	95	97
Jawahar Dweep					
1.JD - POL	11.58	244	70,000	39	33
2 JD - POL	10.97	244	48,000	33	22
3.JD - POL	11.58	244	70,000	45	32
4 JD - POL	14.3	493	1,25,000	58	50
Pir Pau - POL/Chem,	7.5	174	35,000	17	16
New Pir Pau - POL/Chem,	12.0	197	47,000	70	59
J.L.NEHRU					
CB-01- Container	13.5	630	85,000	56	74
CB-02 - Container	13.5	680	85,000	55	70
CB-03 - Container	13.5	680	85,000	56	70
CB-04 - Container	13.5	600	85,000	71	..
CB-05 - Container	13.5	600	85,000	73	86
BB-01 - Bulk	13.5	500	70,000	70	68
BB-02 - Bulk	13.5	500	70,000	76	61
BB-03 - Multipurpose Service Berth	13.5	212	70,000	73	68
BB-04 - Multipurpose Service Berth	9.5	160	15,000	27	19
Anchorage	–	–	...	23	8
Liquid Cargo Berth					
Piled Jetty-Seaward	13.5	300	85,000	...	...
Innerface	12.0	280	30,000	...	...
MORMUGAO					
5 General Cargo	Handed over to M/s ABG Goa Port Ltd. on 9.6.1999 for reconstruction on BOOT Basis.				
6 General Cargo					
7 Barge Berth	3.5	100	..	26	68
8 Liquid Bulk	13.0	116(a)	1,25,000	73	74
9. Ore (MOHP)	13.0	222(a)	2,75,000	65	75
10.General Cargo	12.0	250	55,000	84	87
11. General Cargo	13.0	270	65,000	87	87

(a) Length between extreme mooring dolphins are 298 (berth No.8) and 357.5 (berth No.9) respectively.

Table 1.4(Contd...)

Berths Available at Major Ports

(As on 31.3.2002)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during 2000-01	Percentage Occupancy during 2001-02
1	2	3	4	5	6
NEW MANGALORE					
No. 1 - General Cargo	7.0	125	4000	0	4
No. 2 General Cargo	10.5	198	30000	35	32
No. 3 General Cargo	10.5	198	30000	43	45
No. 4 General Cargo/Liq. Amonia/Phos. Acid	9.5	198	30000	15	16
No. 5 General Cargo/Bulk Cement/Edible Oil	9.5	198	30000	29	31
No. 6 General Cargo	9.5	198	30000	44	42
No. 7 General Cargo	9.5	198	30000	43	75
No. 8 Iron Ore Jetty (Mechanical)	13.0	300	60000	45	42
No. 9 Oil Jetty/LPG	10.5	330	45000	67	75
No. 10 Crude Oil Jetty (MRPL)	14.0	320	65000-85000	63	55
Virtual Jetty-POL Products	12.0	275	35000	18	15
COCHIN					
Q1 - General Cargo	9.1	168	20000-35000	37	35
Q2 - General Cargo	9.1	168	20000-35000	74	80
Q3 - General Cargo	9.1	168	20000-35000	62	68
Q4 - General Cargo	9.1	200	20000-35000	36	81
Q5 - General Cargo/Finished Fertiliser	9.1	183	15000	89	69
Q6 - General Cargo/Container	9.1	168	16000	48	46
Q7 - General Cargo/Container	9.1	168	16000	68	42
Q8&Q9 - Container	10.7	414	60000	67	70
Q10 - Fert. Raw Materials	10.7	278	60000	63	75
NCB&SCB - General Cargo/Liquid Amoni	9.1	183-192	12000-15000	77	69
COT-POL Crude	11.7	430	115000	88	62
NTB&STB - POL Products	9.1	266-298	18000-30000	51	41
BTP - Passenger & Cargo	9.1	200	35000	-	63
TUTICORIN					
A. Alongside Berths					
Berth No.1 - General Cargo	9.3	168	20000	90	93
Berth No.2 - General Cargo	9.3	168	20000	78	90
Berth No.3 - General Cargo	10.7	192	25000-35000	88	81
Berth No.4 - General Cargo	10.7	192	25000-35000	89	80
Berth No. 5 - General Cargo	8.6	168	20000	86	87
Berth No. 6 - General Cargo	9.3	168	20000	79	87
Berth No.7A & 7B - Container	10.7	370	25000-35000	32	27
	(Operated by M/s PSA SICAL Terminals Ltd.				
Berth No.8 - General Cargo	7.0-10.7 (Commissioned from 2.2.2002)	346	25000-35000	-	62
Shallow Drought Berth					
Berth No.1 - General Cargo	5.8	140	5000-6000	59	79
Berth No.2 - General Cargo	5.8	110	5000-6000	57	67
Passenger Jetty	4.5	121	4000-4500	16	15
B. Oil Jetty					
Oil Jetty - Mechanical	10.7	228	40000	29	26
C. Coal Jetties					
Coal Jetty No.1	10.7	185	50000	93	71
Coal Jetty No.2	10.7	210	50000	87	65

Table 1.4(Contd...) **Berths Available at Major Ports** **(As on 31.3.2002)**

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during 2000-01	Percentage Occupancy during 2001-02
1	2	3	4	5	6
CHENNAI					
Dr. Ambedkar Dock					
1. North Quay - Passenger/G. C.	8.5	198	...	77	68
2. West Quay - General Cargo/Other Liquid Cargo	7.9	171	...	76	72
3. West Quay 2 - General Cargo	9.1	171	...	76	60
4. Container Berth - General Cargo	9.1	171	...	...	...
5. West Quay 3 - General Cargo	9.1	171	...	73	65
6. Centre Quay - General Cargo	9.1	171	...	74	41
7. West Quay 4 - Fert./General Cargo	8.5	171	...	53	75
8. South Quay 1 - Fert./General Cargo	9.5	246	...	86	76
9. South Quay 2 - Fert./General Cargo	9.5	179	...	84	76
10.South Quay 3 - Other Ores/G. C.	9.1	181	...	81	79
11.South Quay 4 - Service Berth	8.5	184	...	42	(a)
12.South Quay 5 - Service Berth	7.9	185	...	40	(a)
13.East Quay - Service Berth	7.9	157	...	26	(a)
Jawahar Docks					
14.J.D.1 - Foodgrains/G.C.	10.4	218	...	88	82
15.J.D.2 - Coal/Other Liquid Bulk	11.0	218	...	85	71
16.J.D.3 - Foodgrains/G.C.	10.4	218	...	90	85
17.J.D.4 - Other Ores/Coal	11.0	218	...	87	78
18.J.D.5 - Foodgrains/G.C.	10.4	218	...	88	77
19.J.D.6 - Other Ores/Coal	11.0	218	...	89	77
Bharathi Docks					
20.B.D.1 - Oil	16.0	339	...	46	46
21.B.D.2 - Ore	17.4	222	...	87	93
22.B.D.3 - Oil	17.4	304	...	52	48
Container Terminal					
23.CT-1 - Containers	12.5	200	...	88	82
24.CT-2 - Containers	12.5	200	...	81	81
25.CT-3 - Containers	11.0	200	...	76	79
Moorings					
Mooring -1	9.1	...	...	(b)	(b)
Mooring -2	9.1	...	...	(b)	(b)
Mooring -3	10.8	...	...	(b)	(b)
ENNORE					
Coal Berth - 1	13.5	240	65-77000	-	44
Coal Berth - 2	13.5	240	65-77000	-	44
VISAKHAPATNAM					
Inner Harbour					
A. Multipurpose Berths					
East Quay - 1	10.1	168	40000(d)	65	72
East Quay - 2	10.1	168		65	74
East Quay - 3	10.1	168		79	74
East Quay - 4	10.1	235		82	69
East Quay - 5	10.1	168		78	72
East Quay - 6	10.2	168		77	78
East Quay - 7	10.2	183		82	83
Rear End of West Quay - 1	8.0	170		42	43

(a) Occupied by Naval vessels. (b) Leased for floating dry docks.

Table 1.4(Contd..) **Berths Available at Major Ports** **(As on 31.3.2002)**

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during 2000-01	Percentage Occupancy during 2001-02
1	2	3	4	5	6
VISAKHAPATNAM (Contd...)					
West Quay - 1	10.2	1125(c)	40000(d)	78	59
West Quay - 2	10.2			75	62
West Quay - 3	10.2			85	78
West Quay - 4	10.2			88	76
West Quay - 5	10.2			85	69
Captive Berths					
Oil Refinery Berth - 1	10.1	366	40000(d)	70	62
Oil Refinery Berth - 2	9.8			81	59
Fertiliser Berth	10.1	168		56	68
Mooring - I	10.2	213		...	...
Other Harbour					
1. GCB - General cum Bulk Cargo	14.5	356	100000	85	91
2. Channel Berth	8.0	140	...	58	70
3. Multipurpose Berths 1 & 2	16.5/15.0	449	100000	21	43
Captive Berths					
OB - 1 Iron Ore	16.5	270	150000	68	43
OB - 2 Iron Ore	16.5	270	150000	46	45
OSTT - Crude Oil	17	408	100000	61	55
NOH - Oil Mooring	15	275	100000	56	41
LPG - POL	15.5/13.0	280	60000	21	30
PARADIP					
Iron Ore Berth	13.2	155	60000-75000	70	73
East Quay - I	11.5	687	40000MT	72	62
East Quay - II	11.5		40000MT	78	71
East Quay - III	12.5		60000MT	78	77
South Quay	13.0	265	50000MT	69	65
Central Quay - I	13.0	755	60000-65000	73	83
Central Quay - II	13.0			76	70
Central Quay - III	13.0			...	35
Fertiliser Berth - I	13.0	252	60000-65000	43	18
Fertiliser Berth - II	13.0	240	60000-65000	66	52
Multipurpose Berth	13.0	250	40000-45000	...	54
Coal Berth - I	15.0	520	60000-75000	...	25
Coal Berth - II	15.0			...	25

(c) - Continuous Quay Length.

(d) - Permissible Ship Size

	Inner Harbour	Outer Harbour
LOA	195 Mtrs.	280 Mtrs.
Draft - all stages of tide.	9-14 Mtrs.	16-50 Mtrs.
- on rising tide.	10-21 Mtrs. (on rising tide of 1.06 Mtrs.)	17-30 Mtrs. (on high tide)
Beam	32-20 Mtrs. (during day light) 31-50 Mtrs. (round the clock)	50 Mtrs.

Table 1.4(Contd...) **Berths Available at Major Ports** **(As on 31.3.2002)**

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during 2000-01	2001-02
1	2	3	4	5	6
KOLKATA DOCK SYSTEM					
Multi Purpose Berth (21)					
1. Berth 1/KPD	7.7	133	475' Length 70' Breadth	58	64
2. Berth 5/7KPD	8.7	229	515' Length 70' Breadth(a)	19	11
3. Berth 9.KPD	8.9	108	-do-	19	15
4. Berth 11KPD	8.9	151	-do-	52	53
5. Berth 4KPD	8.1	136	-do-	47	62
6. Berth 8/KPD	8.3	128	515' Length 70' Breadth(a)	26	36
7. Berth 10KPD	8.8	161	-do-	28	28
8. Berth 12KPD	8.5	143	475' Length 70' Breadth	78	33
9. Berth 22KPD	8.8	151	500' Length 70' Breadth	100	100
10. Berth 23KPD	8.1	147	515' Length 70' Breadth(a)	62	98
11. Berth 24KPD	8.6	152	-do-	100	86
12. Berth 25KPD	8.7	169	-do-	70	44
13. Berth 26KPD	8.1	185	-do-	14	4
14. Berth 27KPD	8.4	195	-do-	34	15
15. Berth 28KPD	7.6	195	-do-	19	31
16. Berth 29KPD	8.4	185	-do-	28	7
17. Berth 1NSD	8.3	200	565' Length 80' Breadth(b)	44	29
18. Berth 2NSD	8.0	187	-do-	60	22
19. Berth 3NSD	8.5	183	-do-	50	25
20. Berth 13NSD	7.3	174	-do-	35	56
21 Berth 14NSD	7.9	174	540' Length 80' Breadth	48	60
Containers (6)					
1. Berth 3KPD	8.9	128	515' Length, 70' Breadth	24	26
2. Berth 6KPD	8.7	118	-do-	45	25
3. Berth 4NSD	8.5	181	565' Length, 80' Breadth	35	30
4. Berth 5NSD	8.4	182	-do-	41	33
5. Berth 7NSD	8.1	192	550' Length, 80' Breadth	57	51
6. Berth 8NSD	6.8	225	-do-	57	51
Liquid Bulk/Oil Berth (7)					
1. Berth 12NSD	7.8	152	500' Length, 80' Breadth	39	33
2.Berth 1 Budge Budge	Up to 9 mtrs.	189	139 to 189 mtrs.	44	60
3.Berth 2 -do-	-do-	102	85 to 116 mtrs.	21	14
4.Berth 3 -do-	-do-	163	106 to 141 mtrs.	21	9
5.Berth 5 -do-	-do-	189	132 to 189 mtrs.	15	26
6.Berth 7 -do-	-do-	189	106 to 141 mtrs.	27	28
7.Berth 8 -do-	-do-	189	106 to 189 mtrs.	22	14
HALDIA DOCK COMPLEX					
HOJ-I - POL, Liquid Amonia	12.2	290(a)	90000	63	68
HOJ-II - POL, Liquid Amonia	12.2	330(a)	150000	56	56
HOJ-III- POL, Liquid Amonia	12.5	345(a)	150000	30	40
Berth No. 3					
Multipurpose Berth for handling POL Product, Thermal Coal & Other Bulk	12.2	337	90000	63	64
Berth No. 4					
Mechanised Berth for handling Thermal Coal	12.2	284	90000	70	68
Berth No. 4 B - GCB	12.2	181	90000	70	80

Table 1.4(Contd...) **Berths Available at Major Ports** **(As on 31.3.2002)**

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during 2000-01	Percentage Occupancy during 2001-02
1	2	3	4	5	6
HALDIA DOCK COMPLEX (Contd...)					
Berth No. 5					
Mechanised berth for handling Coking Coal & FRM	12.2	195	90000	93	85
Berth No. 6 - General Cargo & Liquid	12.2	234	90000	86	73
Berth No. 7 - General Cargo & Liquid	12.2	234	90000	76	67
Berth No. 8 - GCB	12.2	218	90000	87	87
Berth No. 9 - GCB-cum-Container	12.2	218	90000	75	88
Berth No. 10 - GCB-cum-Container	12.2	220	90000	82	91
Berth No. 11 - GCB-cum-Container	12.2	206	90000	91	91
Berth No. 12 - GCB-cum-Container	12.2	220	90000	76	80

(a) The above distances for oil jetties show the distance between the two outermost mooring dolphins.

Note : Four more vessels with a total LOA of 1000 mtrs. can be simultaneously accommodated from berth Nos. 8 to 12.

Table 1.5

Storage Facilities Available at Major Ports

(As on 31.3.2002)

Port/Type	Dry Storage Accomodation No.	Dry Storage Accomodation Area (Sq. mtrs.)	Liquid Storage Tanks No.	Liquid Storage Tanks Location	Liquid Storage Tanks Capacity	Liquid Storage Tanks Type of Cargo
1	2	3	4	5	6	7
1. KANDLA						
i) Transit Sheds	1	5855	1	Inside	115105 Kls.	POL, Chemicals,
ii) Ware-Houses (Double storage)	2	22310	20	Outside	1596047 Kls.	Edible Oil,Phos. Acid
iii) Other covered areas(Godowns)	13	49400				& Ammonia.
iv) Container Freight Station	2	6480				
v) Bulk Storage	1	7080				
vi) Fertilizer Bagging	1	5500				
vii) Open Area	-	578020				
Others						
i) Warehouses	9	26100				
2. MUMBAI						
i) Transit Sheds	26	133135	4 P&V Docks		29000	Molasses/
ii) Ware-Houses	20	124951			Tonnes	Veg. Oil
iii) Other covered area	23					
(Container freight station)	Sheds	59681+8011	BPT) Jawahar		Varies from	POL Products
		ground slots for	Deep		810-10222	& Fresh Water
		Containers			Kgs.	
iv) Open area	33		6(BPCL) Jawahar		191500 Kgs.	-do-
(At various places)	-	141404+3496	Deep			
		ground slots for				
		temporary stacking	6(STC) Carnac Bunder		11500 Tonnes	
		of containers	3(STC) Mallet Bunder		36000 Tonnes	Vegetable Oil.
			69(V.V.F. Ltd.) Hay Bunder		47600 Tonnes	
			28 (Aegis) Pir Pau		90000 Kgs.	Liquid Chemicals.
			2 (Aegis) Pir Pau		20000 Tonnes	LPG
			17 (CTTL) Pir Pau		35000 Kgs.	Chemical/Lub. Oil.
3. MORMUGAO						
I. Covered Storage			8	Within Harbour	18025	Molasses, Caustic
i) Transit Sheds/Overflow sheds.	1	7700		(Installed by Private	Kls.	Soda, F. Oil, etc.
ii) Ware-Houses	3	13810		Parties)		
iii) Container Freight Staton	2	3286	26	Outside (Installed by	150637	POL Products
iv) Open	2	167000		IOC & HPC)	Kls.	
vi) Others(warehouses)	5	16680	1	Outside	5000 Kls.	Liquid Ammonia
			3	Outside (Installed	13354	Phosphoric acid
				by Zuari Industries)	Kls.	
4. NEW MANGALORE						
i) Transit/Overflow Sheds	5	23634				
ii) Ware-Houses	10	22310	51	Inside and Outside	205800 KL	Naptha, Petroleum
iii) Open area	4	51357		the Security wall	& 33500 (Tonnes)	Products, Molasses
iv) Silos	3				15000 Tonnes	Palm Oil, Phosphoric
						Acid, Ammonia, etc.
						L&T State of art Cement
						handling storage and
						bagging facilities based
						on the transportation of
						Bulk Solids by fluidis-
						ation concept.

Table 1.5 (Contd...)

Storage Facilities Available at Major Ports

(As on 31.3.2002)

Port/Type	Dry Storage Accomodation		Liquid Storage Tanks			
	No.	Area (Sq. mtrs.)	No.	Location	Capacity	Type of Cargo
1	2	3	4	5	6	7
5. J. L. NEHRU						
i) Transit sheds/overflow sheds	6	110780	118	Outside	629990 Kls.	A,B,C type of chemicals & POL Products, Edible Oil & other liquids.
ii) Container Freight Station	1	...				
iii) Open	-	148850				
6. COCHIN						
i) Transit Sheds	7	28263	14	Near BTP	1340 Tonnes	Cashew Shell Liquid
ii) Ware-Houses	7	16246				
iii) Over Flow Sheds	7	13679	1	S C B	10000 Tonnes	Liquid Ammonia
iv) Hazardous Sheds	2	202				
v) Container Freight Station	1	10732	2	Q 10	13000 Tonnes	Phosphoric Acid.
vi) Carbide Shed	1	96				
7. TUTICORIN						
i) Transit Sheds	2	10800	3	Inside the Security Wall	15000 M3	Phospohric Acid
			1	Outside the Security Wall	10000 MT	Liquid Ammonia
			10	-do-	2000 M3	Vinyl Chloride, Monomer.
			1	-do-	5000 M3	-do-
ii) Ware - Houses	3	15550	3	-do-	3x8500 MT	Furnace Oil
iii) Other covered area	16	78300	2		2x70 KL	LSHF/HSD
iv) Open area		230400	3	-do-	1x13800 KL	Naptha
					1x13700 KL	-do-
					1x14100 KL	-do-
			2	-do-	1x600 MT	LDO
					1x938 MT	LDO
			2	-do-	7790 KL	Ethlyene Di -Chloride
			1	-do-	10000 MT	LPG
8. CHENNAI						
i) Transit Sheds	6	29000	42	Inside Port		Phosphoric Acid
ii) Ware-Houses	9	52277			144301 Kls.	Lub. Oil
iii) Container freight station	2	12600				Black & White Oil
iv) Open space	-	569559				Edible Oil & Other
v) Container parking yard	-	130000				Liquid cargo
9. VISAKHAPATNAM						
i) Transit Sheds/Storage sheds	15	45916	157(a)		1228770(a) M. Tonnes & 149009 Kls.	Edible oils & Molasses, Caustic Soda, P. Acid & Ammonia.
ii) Ware- Houses	1	10482				
iii) Open area	...	85000 + 1363058 for other cargoes.				

(a) Facilities owned by the users.

Table 1.5 (Contd...)

Storage Facilities Available at Major Ports

(As on 31.3.2002)

Port/Type	Dry Storage Accomodation		Liquid Storage Tanks			
	No.	Area (Sq. mtrs.)	No.	Location	Capacity	Type of Cargo
1	2	3	4	5	6	7
10. PARADIP						
i) Transit Sheds/Overflow sheds	3	16500	12	Outside Port	167000 KL	H. S. D., S.K.O, FO
ii) Ware - Houses	2	7500				LDO, G.O.
iii) Other covered area(Ware-Houses)	5	15000				
iv) Open area	-	840000				
11. KOLKATA DOCK SYSTEM						
i) Transit Sheds	27	145524	189	Near NS Dock/	554662 KL	POL (product)
ii) Ware-Houses	2	...		Budge Budge		veg. oil. Chemicals,
iii) Other covered area(CFS)	1	9000				Other Liquid Cargo.
iv) Open area	-	...				
12. HALDIA DOCK COMPLEX						
i) Transit Sheds	3	25070(a)		HDC does not have Liquid		
ii) Ware-Houses	-	-		storage facilities		
iii) Other covered area	-	-				
iv) Open area	9	531676 (b)				

(a) Includes Transit sheds are leased to the Port users inside the dock.
(b) Includes storage area leased to the Port users inside the dock.
Note:- Information pertaining to Ennore is not available.

Table 1.6 Commodity-Wise Capacity Available at Major Ports

(In Million Tonnes)

Commodities	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	MbPT	KPT	JNPT	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL														
As on 31.3.99	3.40	11.00	1.50	10.80	-	8.50	1.00	10.50	7.50	1.50	21.00	29.00	-	105.70
As on 31.3.00	3.40	17.00	1.50	10.80	-	8.50	2.30	10.50	11.00	1.50	21.00	31.00	-	118.50
As on 31.3.01	3.40	17.00	1.50	11.80	-	8.50	2.30	10.50	11.00	1.50	28.00	33.00	-	128.50
As on 31.3.02	3.60	17.00	1.50	12.95	-	10.50	2.30	10.50	11.00	1.50	28.00	31.00	5.50	135.35
Iron Ore														
As on 31.3.99	-	-	3.00	8.00	-	8.00	-	-	7.50	16.50	-	-	-	43.00
As on 31.3.00	-	-	3.00	8.00	-	8.00	-	-	7.50	16.50	-	-	-	43.00
As on 31.3.01	-	-	3.00	8.00	-	8.00	-	-	7.50	17.00	-	-	-	43.50
As on 31.3.02	-	-	3.10	8.00	-	8.00	-	-	7.50	17.00	-	-	-	43.60
Coal														
As on 31.3.99	-	6.80	4.80	-	-	-	4.00	-	-	-	-	-	-	15.60
As on 31.3.00	-	6.80	4.80	-	-	-	5.20	-	-	-	-	-	-	16.80
As on 31.3.01	-	6.80	4.80	-	16.00	-	5.20	-	-	-	-	-	-	32.80
As on 31.3.02	-	7.00	20.00	-	12.00	-	5.20	-	-	-	-	-	-	44.20
Fertiliser														
As on 31.3.99	-	-	0.85	0.50	-	-	-	0.60	-	-	-	-	2.90	4.85
As on 31.3.00	-	-	0.85	0.50	-	-	-	0.60	-	-	-	-	1.50	3.45
As on 31.3.01	-	-	2.10	0.50	-	-	-	0.60	-	-	-	-	1.50	4.70
As on 31.3.02	-	-	2.60	0.90	-	-	-	0.60	-	-	-	-	1.50	5.60
Break-Bulk Cargo														
As on 31.3.99	1.90	4.60	1.10	11.00	-	7.62	2.95	1.35	1.75	0.68	4.00	8.00	2.50	47.45
As on 31.3.00	1.90	4.60	2.70	11.50	-	8.62	3.20	1.35	1.75	1.48	4.00	8.00	2.50	51.60
As on 31.3.01	1.90	6.10	2.15	12.00	-	8.62	3.20	1.35	1.75	1.48	4.00	8.00	2.50	53.05
As on 31.3.02	2.80	7.40	4.90	19.30	-	15.90	3.70	2.40	2.80	2.00	5.00	9.00	3.00	78.20
Container														
As on 31.3.99	3.00	0.30	-	-	-	2.50	-	1.00	-	-	5.50	-	10.60	22.90
As on 31.3.00	3.00	0.30	-	-	-	2.50	1.80	1.00	-	-	5.50	-	10.60	24.70
As on 31.3.01	3.00	0.30	-	-	-	2.50	1.80	1.00	-	-	5.50	-	14.80	28.90
As on 31.3.02	3.40	1.00	-	-	-	4.35	2.75	2.00	-	-	5.50	-	18.00	37.00
TOTAL														
As on 31.3.99	8.30	22.70	11.25	30.30	-	26.62	7.95	13.45	16.75	18.68	30.50	37.00	16.00	239.50
As on 31.3.00	8.30	28.70	12.85	30.80	-	27.62	12.50	13.45	20.25	19.48	30.50	39.00	14.60	258.05
As on 31.3.01	8.30	30.20	13.55	32.30	16.00	27.62	12.50	13.45	20.25	19.98	37.50	41.00	18.80	291.45
As on 31.3.02	9.80	32.40	32.10	41.15	12.00	38.75	13.95	15.50	21.30	20.50	38.50	40.00	28.00	343.95

Source : Development Wing - Ministry of Shipping.

Table 1.7 Number of Berths Available at Major Ports

Commodities	PORTS													Total
	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	MbPT	KPT	JNPT	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL														
As on 31.3.99	7	2+2BJ	1	3	-	2	1	3	2	1	5	3+2SBM+1VJ	-	30+2SBM+2BJ+1VJ
31.3.00	7	3+2BJ	1	3	-	2	1	3	2+1VJ	1	5	4+2SBM+1VJ	-	32+2SBM+2VJ+2BJ
31.3.01	7	3+2BJ	1	4	-	2	1	3	2+1VJ	1	5	5+2SBM+1VJ	-	34+2SBM+2VJ+2BJ
31.3.02	7	3+2BJ	1	4	-	2	1	3	2+1VJ	1	5	5+2SBM+1VJ	-	34+2SBM+2VJ+2BJ
IRON ORE														
As on 31.3.99	-	-	1	1	-	1	-	-	1	1+TRANS	-	-	-	5+TRANS
31.3.00	-	-	1	1	-	1	-	-	1	1+TRANS	-	-	-	5+TRANS
31.3.01	-	-	1	1	-	1	-	-	1	1+TRANS	-	-	-	5+TRANS
31.3.02	-	-	1	1	-	1	-	-	1	1+TRANS	-	-	-	5+TRANS
COAL														
As on 31.3.99	-	2	3	-	-	-	2	-	-	-	-	-	-	7
31.3.00	-	2	3	-	-	-	2	-	-	-	-	-	-	7
31.3.01	-	2	3	-	2	-	2	-	-	-	-	-	-	9
31.3.02	-	2	2	-	2	-	2	-	-	-	-	-	-	8
FERTILISER														
As on 31.3.99	-	-	1	1	-	-	-	1	-	-	-	-	2	5
31.3.00	-	-	1	1	-	-	-	1	-	-	-	-	2	5
31.3.01	-	-	2	1	-	-	-	1	-	-	-	-	2	6
31.3.02	-	-	2	1	-	-	-	1	-	-	-	-	2	6
BREAK BULK														
As on 31.3.99	20	6	2	13	-	15	7	8	6	2	33	11	1	124
31.3.00	20	6	3	14	-	15	6	8	6	2	33	11	1	125
31.3.01	20	7	2	14	-	15	6	8	6	2	33	11	1	125
31.3.02	20	7	7	15	-	15	9	9	6	2	33	11	2	136
CONTAINER														
As on 31.3.99	6	1	-	-	-	2	-	2	-	-	8	-	4	23
31.3.00	6	1	-	-	-	2	1	2	-	-	8	-	4	24
31.3.01	6	1	-	-	-	2	1	2	-	-	8	-	5	25
31.3.02	6	2	-	-	-	2	1	2	-	-	8	-	5	26
TOTAL														
As on 31.3.99	33	11+2BJ	8	18	-	20	10+B Zone	14	9	4+TRANS	46	14+2SBM+1VJ	7	194+2SBM+1VJ +2BJ+TRANS+B Zone
31.3.00	33	12+2BJ	9	19	-	20	10+B Zone	14	9+1VJ	4+TRANS	46	15+2SBM+1VJ	7	198+2SBM+2VJ +2BJ+TRANS+B Zone
31.3.01	33	13+2BJ	9	20	2	20	10+B Zone	14	9+1VJ	4+TRANS	46	16+2SBM+1VJ	8	204+2SBM+2VJ +2BJ+TRANS+B Zone
31.3.02	33	14+2BJ	13	21	2	20	13+Bzone	15	9+IVJ	4+TRANS	46	16+2SBM	11	217+2SBM+TRANS+ IVJ+2BJ+BZone

BJ - Barge Jetty VJ - Virtual Jetty SBM - Single Buoy Mooring TRANS - Transhipper

Source : Development Wing, M/o Shipping. B Zone : Small vessels handled at Zone B-Tuticorin.

Table 1.8

Cargo Handling Equipment Available at Major Ports

(As on 31.3.2002)

Port	Crane				Fork Lift Truck	Tractor	Trailor	Shovel Dozer & Pay Loader	Locomotive
	Mobile	Wharf	Container						
			Quay	Yard					
1	2	3	4	5	6	7	8	9	10
Kolkata Dock System(c)	18	19	-	3	22	38	67	-	14
Haldia Dock Complex	2	-	-	1	7	1	5	12	11
Paradip	4	4	-	-	10	1	1	4	7
Visakhapatnam(d)	4	21	-	2	43	-	-	5	25
Chennai	10	26	4	8(a)	58	47	53	6	12
Tuticorin	8	10	-	-	6	-	-	3	-
Cochin	7	14	2	4	47	29	32	-	-
New Mangalore	3	3	-	-	7	1	1	1	-
Mormugao	1	-	-	-	9	-	-	-	2
J. L. Nehru	2	4(b)	6+(8)	17+(30)	13	76+(94)	97+(42)	6	-
Mumbai(e)	20	50	2	3	47	27	-	-	7
Kandla	-	16	-	-	9	3	1	2	-
All Ports	79	167	22	68	278	317	299	39	78

(a) Includes 2 Nos. taken on lease (b) Grab and continuous Unloaders.

(c) In addition there are Medium Fork Lift-2, Top Lift Truck-1,Reach Stakers-2.

(d) In addition there are 2 Gantry Cranes.

(e) In addition there is 1 Floating Crane and Reach Stakers-4.

Note:- Figures in bracket relates to equipment owned/operated by BOT Operators.

Source:-Indian Ports Association.

Table 1.9 Container Handling Facilities Available at Major Ports (As on 31.3.2002)

Port	No. of Berths	Vessel Size (IN DWT)	Equipment					
			Quay Side Gantry Cranes	Yard Gantry Cranes	Toplift Trucks	Tractors	Forklift	Trailers
1	2	3	4	5	6	7	8	9
KOLKATA DOCK SYSTEM	6	16,000	-	3x35.5 T (RTG)	1x35 T 2X45T(a)	22x40T (Hippo)	2X6.5T	19X40T and 6x2oT
HALDIA DOCK COMPLEX	1	40,000	-	1x30 T	1X35T	1x10T	7	5
CHENNAI	3	20,000 TO 40,000	2x35.5 T 2x40 T	4x35.5 T 4x40T (+)2x40T (Onlease basis)	2x35T 3x25T 2X40T	47	8	53
COCHIN	2	10,000 TO 20,000	2x35.5T	4X35.5T (RTG)	4x35T 2x5T 2x40T	2-20T 20-30T	25	35
J.N.P.T.	3+2(b)	70000 85000	3x35.5 T 3x40T 8x40T(b)	8x35.5T 6x40T 29x40T(b) (RTGC) 1x35.5T 2x40T 3x40T(b) (RMGC)	77x41T 34x41T(b)	77x41T 34x41T(b)	10x2-5T	97x41T 34x41T(b)
MUMBAI	8	42,000	2x35.5 T	3x35.5 T (RTG)	2x42T(b) 2x45T(b)	27	47	-

(a) Reach Stackers. (b) Under BOT Operator.

Table 1.10 **Berthing Facilities Available at Non-Major Ports** (As on 31.3.2001)

Name of the Port	Intermediate/ Minor	Max.Depth available at anchorage	Berth Type	No. of Berths by existing Draft				
				Below 2 meters	2-4 meters	4-6 meters	6 meters above	Total
1	2	3	4	5	6	7	8	9
GUJARAT								
Dahej								
(a)Old Port	Minor	20 mtrs.	Sheet piled Wharf	-	-	-	-	-
(b)Captive Jetty								
i)DHIL		20 mtrs.	RCC Piled Jetty	-	-	-	-	-
ii)IPCL		10.5 mtrs.	RCC Piled Jetty	-	-	-	-	-
iii)GCPTCL		20 mtrs.	RCC Steel Piled Jetty	-	-	-	-	-
Porbandar	Minor	12 mtrs	Deep water Berth	-	-	-	1	1
Bedi	Intermediate	14 mtrs.	-	-	-	-	-	-
Sikka	Intermediate	14 mtrs.	Cargo jetty	-	-	-	1	1
Mandvi	Intermediate	10 mtrs	Wharf	-	2	-	-	2
Mundra								
(a)Mundra (Old)	Minor	10 mtrs.	RCC jetty	-	-	2	-	2
(b)GAPL (Mundra)	Intermediate	28 mtrs.	T type fingure berth Barge Berth	-	-	-	4	4
Veraval	Intermediate Fair Weather port	13-14 mtrs.	Direct berth for small coaster with 4 mtrs.draft.	-	1	-	-	1
Magdalla	Intermediate	11 mtrs.	RCC Jetty	-	6	-	-	6
Valsad	Minor	No Anchorage fixed	RCC Jetty	1	-	-	-	1
Kolak	Minor	No Anchorage fixed	Fishing Jetty	1	-	-	-	1
Vansi Borsi	Minor	11 mtrs.	RCC Fishing Jetty	1	-	-	-	1
Onjal	Minor	11 mtrs.	RCC Fishing Jetty	1	-	-	-	1
Umergaon	Minor	No Anchorage fixed	RCC Fishing Jetty	-	2	-	-	2
Umarsadi	Minor	No Anchorage fixed	Fishing Jetty	1	-	-	-	1
Billimora	Minor	No Anchorage fixed	Wooden jetty RCC Jetty	3 1	- -	- -	- -	3 1

Table 1.10 (Contd...) **Berthing Facilities Available at Non-Major Ports** (As on 31.3.2001)

Name of the Port	Intermediate/ Minor	Max.Depth available at anchorage	Berth Type	No. of Berths by existing Draft				
				Below 2 meters	2-4 meters	4-6 meters	6 meters above	Total
1	2	3	4	5	6	7	8	9
GUJARAT (Contd...)								
Mul-Dwarka	Minor/Intermediate Fair Weather Port	13-14 mtrs.	Direct berth for small coaster	-	1	-	1	2
Okha	Intermediate	42 feet	Sayaji pier (East)	- Out of commission & under repairs.				
			Dry Bulk	-	-	-	1	1
			Sheet piled wharf	-	1	-	-	1
			Light Cargo	-	1	-	-	1
			Passenger Jetty	-	1	-	-	1
Bhavnagar	Intermediate	At DWA 10 mtrs.	1) Concrete Jetty RCC piles with slab with docking	-	-	1	-	1
			2) Akwada Wharf RCC wall	1 only for barges	-	-	-	1
			3) North Quay RCC with Well foundation	-	-	1	-	1
Jafarabad	Intermediate	14 mtrs.	Clinkers jetty	-	-	1	-	1
			T Shape jetty	1	-	-	-	1
(a)Victor	Minor	3 mtrs.	Along side wharf(east)	2	-	-	-	2
			Along side wharf (west)	1	-	-	-	1
(b)Pipavav (GPPL)	Intermediate	10.5 mtrs.	General Cargo	-	-	-	2	2
			Container	-	-	-	1	1
			LPG	-	-	-	1	1
Navalakhi	Intermediate	2 mtrs.	Jetty/wharf	-	2	-	-	2
Jakhau	Minor	12-15 mtrs	Jetty	-	-	-	-	-

Table 1.10 (Contd...) **Berthing Facilities Available at Non-Major Ports** (As on 31.3.2001)

Name of the Port	Intermediate/ Minor	Max.Depth available at anchorage	Berth Type	No. of Berths by existing Draft				
				Below 2 meters	2-4 meters	4-6 meters	6 meters above	Total
1	2	3	4	5	6	7	8	9
TAMIL NADU								
Cuddalore	Intermediate		Open road stead Port	Any size of vessel can be anchored in the mid stream.				
Nagapattinam	Intermediate	Depth available according to draft of the vessel.	Open road stead Port.					
Rameshwaram	Minor	5 mtrs	Open Road Stead	-	-	-	-	-
Pamban	Minor	3.4 mtrs.		-	-	-	-	-
Colachel	Minor	12.8 mtrs.	Open Road Stead	-	-	-	-	-
Valinokkam	Minor	6 feet	-	-	-	-	-	-
Kanyakumari	Minor	3 mts	Small boat jetty	1	-	-	-	1
Ennore	Minor	15 mtrs.	Open Road Stead					
ANDHRA PRADESH								
Kakinada (a)Anchorage	Intermediate	12 mtrs working depth available	Open road stead port	-	-	-	-	-
(b)Deep water	Intermediate	8.5 Mts	Three Shore connected berth of 620 mtrs length	-	-	-	3	3
Nizampatnam	Minor	11.9 Mts	-	-	-	-	-	-
DIU								
Diu	Minor	10 Fathom	RCC Jetty	-	1	-	-	1
Daman	Minor	5 Fathom	1. RCC jetty at Nani Daman	-	-	1	-	1
			2. RCC jetty at Moti Daman	-	1	-	-	1

Table 1.10 (Contd...) **Berthing Facilities Available at Non-Major Ports** (As on 31.3.2001)

Name of the Port	Intermediate/ Minor	Max.Depth available at anchorage	Berth Type	No. of Berths by existing Draft				
				Below 2 meters	2-4 meters	4-6 meters	6 meters above	Total
1	2	3	4	5	6	7	8	9
MAHARASHTRA								
Dahanu	Minor	above 18 mtrs	jetty	-	-	-	1	1
Satpati	Minor	-	Slopping jetty	1	-	-	-	1
Arnala	Minor	6 mtrs	-	-	-	-	-	-
Datiware	Minor	4 mtrs	Slopping jetty	1	-	-	-	1
Manori	Minor	4 mtrs	Slopping jetty	3	2	-	-	5
Versova	Minor	6-8 mtrs	Slopping jetty	1	-	-	-	1
Bandra	Minor	4 mtrs	Slopping jetty	1	-	-	-	1
Bassein	Minor	4 mtrs	Slopping jetty	2	-	-	-	2
Bhiwandi	Minor	4 mtrs	-	-	-	-	-	-
Kalyan	Minor	4-6 mtrs	Slopping jetty	1	-	-	-	1
Thane	Minor	-	Slopping jetty	3	-	-	-	3
Uttan	Minor	2 mtrs	-	-	-	-	-	-
Trombay	Minor	2 mtrs	-	-	-	-	-	-
Ulwa Belapur	Minor	4 mtrs	Slopping/cargo jetty	1	1	-	-	2
Mora	Minor	2 mtrs	Passenger Jetty	1	-	-	-	1
Karanja	Minor	2 mtrs	Slopping jetty	1	-	-	-	1
Rewas	Minor	1 mtr	T Type Passenger Jetty	1	-	-	-	1
Mandwa	Minor	7 mtrs	L Type Passenger Jetty	1	-	1	-	2
Dharamtar	Minor	3 mtrs	T Type Passenger/ Slopping/cargo jetty	1	1	1	-	3
Murud-Janjira	Minor	3 mtrs	Cargo jetty	1	-	-	-	1
Rajpuri	Minor	2 mtrs	Cargo jetty	1	-	-	-	1
Dighi	Minor	2-6 mtrs	Cargo jetty	1	-	1	-	2
Shriwardhan	Minor	3 mtrs	L Type Passenger/cargo Jetty	1	-	-	-	1
Revdanda	Minor	14-24 mtrs	Slopping/cargo jetty	1	-	1	-	2
Thal	Minor	-	Slopping jetty	1	-	-	-	1
Alibag	Minor	-	Slopping jetty	1	-	-	-	1
Kumbharu	Minor	2 mtrs	-	-	-	-	-	-

Table 1.10 (Contd...) **Berthing Facilities Available at Non-Major Ports** (As on 31.3.2001)

Name of the Port	Intermediate/ Minor	Max.Depth available at anchorage	Berth Type	No. of Berths by existing Draft				
				Below 2 meters	2-4 meters	4-6 meters	6 meters above	Total
1	2	3	4	5	6	7	8	9
MAHARASHTRA (Contd..)								
Bankot	Minor	3 mtrs	L Type jetty	1	-	-	-	1
Harnai	Minor	4 mtrs	jetty	1	-	-	-	1
Dabhol	Minor	4-7 mtrs	T Type jetty/ Rock loading jetty	1	-	1	1	3
Palshet	Minor	4-5 mtrs	jetty	1	-	-	-	1
Borya	Minor	4 mtrs	jetty	1	-	-	-	1
Jaigad	Minor	6-12 mtrs	T Type Jetty	-	-	-	2	2
Ratnagiri	Minor	5-7 mtrs	T&I Type jetty	-	-	1	1	2
Jaitapur	Minor	2-4 mtrs	I Type jetty	-	2	-	-	2
Vijaydurg	Minor	5 mtrs	T Type Jetty	-	-	1	-	1
Varoda -Tiwari	Minor	10 mtrs	Small Pakti	1	-	-	-	1
Achara	Minor	4 mtrs	-	-	-	-	-	-
Deogad	Minor	4-5 mtrs	T Type jetty	-	1	-	-	1
Malvan	Minor	4 mtrs	L Type jetty	-	1	-	-	1
Vengurla	Minor	5-6 mtrs	jetty	1	-	-	-	1
Redi	Minor	10-12 mtrs	Wharf	-	-	-	1	1
Kiranpani	Minor	2 mtrs	Jetty	1	-	-	-	1
Nawapur	Minor	4 mtrs	-	-	-	-	-	-
Mandad	Minor	2 mtrs	Pakti	1	-	-	-	1
Elephanta	Minor	12mts	Passenger Jetty	-	-	-	1	1
ORISSA								
Gopalpur	Minor	18 mtrs.	Open Road Stead Port	-	-	-	1 (above 9 mtrs.)	1

Table 1.10 (Contd...) **Berthing Facilities Available at Non-Major Ports** **(As on 31.3.2001)**

Name of the Port	Intermediate/ Minor	Max.Depth available at anchorage	Berth Type	No. of Berths by existing Draft				
				Below 2 meters	2-4 meters	4-6 meters	6 meters above	Total
1	2	3	4	5	6	7	8	9
KARNATAKA								
Karwar	Intermediate	13 Mtrs	L Type	-	-	-	2	2
Honavar	Minor	6 Mtrs	Mooring berth jetty	-	-	-	-	-
Bhatkal	Minor	1.25 Mtrs	sailing vessel & fishing vessel	-	-	-	-	-
Tadri	Minor	1.25 Mtrs	T Shape/RCC Jetty	-	-	-	-	-
Kundapur	Intermediate	Outer Anchorage Over 9 meters	No Berth available	-	-	-	-	-
Belekeri	Minor	7-8 Mtrs	T Type RCC	-	-	-	-	-
Malpe	Minor	6 mtrs. (Approx.)	Along side the wharf near wooden jetty and passenger jetty	-	-	-	-	-
Hangarkatta	Minor	6 mtrs.	jetty/wharf	-	-	3	-	3
Mangalore	Intermediate	3.5 mtrs.	1.Open Road Stead	-	5(New South	-	-	5
			2.Back water for	-	8(South Wharf)	-	-	8
			sailing vessel of	-	4(Central Wharf)	-	-	4
			3 mtrs. Draft & below	-	6(North Wharf)	-	-	6

Table 1.10 (Contd...) **Berthing Facilities Available at Non-Major Ports** **(As on 31.3.2001)**

Name of the Port	Intermediate/ Minor	Max.Depth available at anchorage	Berth Type	No. of Berths by existing Draft				
				Below 2 meters	2-4 meters	4-6 meters	6 meters above	Total
1	2	3	4	5	6	7	8	9
KERALA								
1. Koavalam/ Vizhinjam	Minor	8 mtrs.	Concrete Wharf(80mtr)	-	-	1	-	1
2. Neendakara	Intermediate	13 mtrs.	One concrete wharf	-	1	-	-	1
			&Two temporary jetties		1	-	-	1
3. Azhikkal	Minor	5 mtrs.	Concrete Wharf	1	1	-	-	2
4. Kozhikode/ Beypore	Intermediate	10 mtrs.	Concrete Wharf	-	-	1	-	1
GOA								
1. Panaji	Minor	6.18 mtrs.	Anchorage	-	-	-	1	1
			Jetty	-	1	-	-	1
			Jetty (Fisheries)	-	1	-	-	1
2. Betul	Minor	-	Jetty (Fisheries)	1	-	-	-	1
3.Chapora	Minor	-	Jetty (Fisheries)	1	-	-	-	1
4.Talpona	Minor	-	Jetty (Fisheries)	1	-	-	-	1
PONDICHERRY								
Pondicherry	Minor	13-14 mtrs	RCC pier	-	-	-	-	-
	New Ariyankuppam port projects			2 mtrs. depth could be maintained at Ariankuppam river channel for cargo import operation through the wooden barges.				

Table 1.11 Equipment Available at Various Non-Major Ports (As on 31.3.2001)

(Nos.)

State/Port /Year	Dredgers	Cranes			Barges			Launches	Tugs	Pablos	Fork Lifts
		Upto 5 tons	6-10 tons	Above 10 tons	Dumb	Self-Propelled	Water Barges				
1	2	3	4	5	6	7	8	9	10	11	12
GUJARAT											
Magdalla											
1999-00	-	-	-	2	-	2	-	1	1	-	-
2000-01	-	-	-	2	1	-	-	-	1	-	-
Porbandar											
1999-00	1	-	-	4	-	1	-	2	6	-	-
2000-01	1	-	-	4	-	1	-	2	6	-	-
Okha											
1999-00	1	1	-	3	-	4	-	1	5	-	-
2000-01	1	-	-	3	-	-	-	-	4	-	-
Bedi											
1999-00	-	1	-	5	1	1	-	1	5	-	-
2000-01	2	-	-	5	1	1	-	1	7	-	-
GAPL											
1999-00	-	-	-	-	-	-	-	2	2	-	-
2000-01	-	2	-	-	-	-	-	2	2	-	-
GPPL											
1999-00	-	-	-	7	-	-	-	1	1	-	-
2000-01	1	-	-	7	-	-	-	1	1	-	-
Veraval											
1999-00	-	2	-	6	1	-	-	-	4	-	-
2000-01	-	-	-	6	1	-	-	-	3	-	-
Navalakhi											
1999-00	-	4	1	1	7	-	-	-	4	-	-
2000-01	-	-	-	6	7	-	-	1	4	-	-
Bhavnagar											
1999-00	3	13	-	-	7	6	-	1	4	-	-
2000-01	3	13	-	-	7	6	-	1	4	-	-
Mandvi											
1999-00	1	1	-	-	1	-	-	1	1	-	-
2000-01	1	1	-	-	1	-	-	-	1	-	-
Jafrabad											
1999-00	1	-	-	-	1	-	-	-	-	-	-
2000-01	-	-	-	-	-	-	-	-	-	-	-
TAMIL NADU											
Cuddalore											
1999-00	2	-	1	-	-	1	-	2	-	-	-
2000-01	2	-	1	-	-	1	-	2	-	-	-
Rameshwaram											
1999-00	-	-	-	-	1	-	-	1	-	-	-
2000-01	-	-	-	-	1	-	-	1	-	-	-
Nagapattinam											
1999-00	-	1	-	-	-	-	-	1	-	-	-
2000-01	-	1	-	-	-	-	-	1	-	-	-
KERALA											
Neendakara											
1999-00	1	-	-	-	-	4	-	-	1	-	-
2000-01	1	-	-	-	-	4	-	-	1	-	-
Kozhikode/Beypor											
1999-00	-	5	-	-	-	-	-	-	3	-	-
2000-01	-	5	-	-	-	-	-	-	3	-	-
Alleppey											
1999-00	-	2	-	-	-	-	-	-	2	-	-
2000-01	-	2	-	-	-	-	-	-	2	-	-
Kovalam-Vizhinjam											
1999-00	-	1	-	-	-	-	-	-	1	-	-
2000-01	-	1	-	-	-	-	-	-	1	-	-

Table 1.11 (Contd...) Equipment Available at Various Non-Major Ports (As on 31.3.2001)

(Nos.)

State/Port /Year	Dredgers	Cranes			Barges			Launches	Tugs	Pablos	Fork Lifts
		Upto 5 tons	6-10 tons	Above 10 tons	Dumb	Self-Propelled	Water Barges				
1	2	3	4	5	6	7	8	9	10	11	12
MAHARASHTRA (b)											
1999-00	3	-	-	-	1	4	-	4	2	-	-
2000-01	3	-	-	-	1	4	-	4	2	-	-
DAMAN											
1999-00	-	-	-	-	-	-	-	1	-	-	-
2000-01	-	-	-	-	-	-	-	1	-	-	-
PONDICHERRY											
1999-00	2	-	1	2	(a)	-	-	2	-	-	-
2000-01	2	-	1	2	(a)	-	-	2	-	-	-
GOA											
Panaji											
1999-00	1	-	-	-	-	1	-	2	1	-	-
2000-01	1	-	-	-	-	1	-	2	1	-	-
KARNATAKA											
Karwar											
1999-00	1	-	-	3	-	-	1	1	1	-	-
2000-01	1	-	-	3	-	-	1	1	1	-	-
Old Mangalore											
1999-00	-	-	-	-	1	-	-	-	1	-	-
2000-01	-	-	-	-	1	-	-	-	1	-	-
ANDHRA PRADESH											
Kakinada Anchorage Port											
1999-00	2	-	-	-	-	2	-	8	8	-	-
2000-01	2	-	-	-	-	2	-	8	8	-	-
Kakinada Deep Water Port											
1999-00	-	-	-	2	-	-	-	1	3	-	-
2000-01	-	-	-	2	-	-	-	1	3	-	-
Machilipatnam											
1999-00	1	1	-	-	-	-	-	1	-	-	-
2000-01	1	1	-	-	-	-	-	1	-	-	-
ANDAMAN & NICOBAR ISLANDS											
Port Blair											
1999-00	-	-	7	2	-	-	-	5	2	-	-
2000-01	-	-	7	2	-	-	-	5	2	-	-
Mayabunder											
1999-00	-	1	1	-	-	-	-	-	-	-	-
2000-01	-	1	1	-	-	-	-	-	-	-	-
Diglipur											
1999-00	-	-	-	1	-	-	-	-	-	-	-
2000-01	-	-	-	1	-	-	-	-	-	-	-
Katchal											
1999-00	-	-	1	-	-	-	-	1	-	-	-
2000-01	-	-	1	-	-	-	-	1	-	-	-
Hut Bay											
1999-00	-	-	2	3	-	-	-	-	-	-	-
2000-01	-	-	2	3	-	-	-	-	-	-	-
Nancowry											
1999-00	-	-	-	1	-	-	-	1	-	-	-
2000-01	-	-	-	1	-	-	-	1	-	-	-
Compbell											
1999-00	-	1	2	1	-	-	-	-	-	-	-
2000-01	-	1	2	1	-	-	-	-	-	-	-
Rangat											
1999-00	-	1	-	1	-	-	-	-	-	-	-
2000-01	-	1	-	1	-	-	-	-	-	-	-

(a) 35 No. of wooden barges owned by private owners are available.

(b) Information is for all Minor Ports and no separate figures are available.

Table 1.12

State-Wise Navigational Aids Maintained By Department of Light-Houses and Light-Ships (As on 31.3.2002)

(Number)

Maritime States/Uts	General Light house	Light buoy	VHF/HF RT set.	Decca Navigator Chain	Radio Beacon	Racons	Light Vessel	Launches	Light House Tender	Loran "C" Station	DGPS
1	2	3	4	5	6	7	8	9	10	11	12
Gujarat	55	12	26	-	2	13	1	4	-	3	1
Maharashtra	16	-	4	-	1	1	-	-	-	-	1
Goa, Daman & Diu	2	-	-	-	-	1	-	-	-	-	1
Karnataka	5	-	2	-		-	-	-	-	-	1
Kerala	17	-	-	-	-	1	-	-	-	-	1
Tamilnadu	11	-	1	-	1	4	-	-	-	-	-
Pondicherry	1	-	-	-	-	1	-	-	-	-	1
Andhra Pradesh	12	-	6	-	2	-	-	-	-	-	1
Orissa	5	-	5	-	2	1	-		-	2	-
West Bengal	1	-	3	-	-	1	-		-	1	1
Andaman & Nicobar Islands	28	-	-	-	2	4	-	-	1	-	1
Lakshadweep	14	-	-	-	1	3	-	-	-	-	1
Total	**167**	**12**	**47**	**0**	**11**	**30**	**1**	**4**	**1**	**6**	**10**

Source : Directorate General of Light Houses & Light Ships.

SECTION – 2

CURRENT PORT STATISTICS

2.1 MAJOR PORTS
2.2 NON-MAJOR PORTS

SECTION – 2

CURRENT PORT STATISTICS

2.1 MAJOR PORTS
2.2 NON-MAJOR PORTS

Table 2.1.1 Traffic Handled At Major Ports in India -2001-02(P)

(In '000 Tonnes)

Port	Overseas				Coastal				Overseas & Coastal			
	Loaded	Un-Loaded	Transh-ipment	Total	Loaded	Un-Loaded	Transh-ipment	Total	Loaded	Un-Loaded	Transh-ipment	Total
1	2	3	4	5	6	7	8	9	10	11	12	13
Kandla	6855	24867	1567	33289	849	3590	-	4439	7704	28457	1567	37728
Mumbai	3373	13180	1378	17931	5750	2752	-	8502	9123	15932	1378	26433
J.L. Nehru	9168	9519	1655	20342	433	1405	341	2179	9601	10924	1996	22521
Mormugao	18153	3564	-	21717	156	1036	19	1211	18309	4600	19	22928
New Mangalore	5720	7324	-	13044	3024	1433	-	4457	8744	8757	-	17501
Cochin	1214	5810	5	7029	751	4279	-	5030	1965	10089	5	12059
Tuticorin	3147	4094	-	7241	59	5717	-	5776	3206	9811	-	13017
Chennai	11952	12631	51	24634	1023	10407	51	11481	12975	23038	102	36115
Ennore	-	-	-	-	-	3401	-	3401	-	3401	-	3401
Visakha-patnam	9037	13438	4595	27070	7871	4428	4975	17274	16908	17866	9570	44344
Paradip	4415	5742	-	10157	10054	920	-	10974	14469	6662	-	21131
Haldia Dock Complex	3137	17111	12	20260	3425	1344	-	4769	6562	18455	12	25029
Kolkata Dock System	603	1719	1855	4177	266	931	-	1197	869	2650	1855	5374
All Ports	76774	118999	11118	206891	33661	41643	5386	80690	110435	160642	16504	287581

(P) : Provisional.

Table 2.1.2 Traffic Handled At Major Ports by Selected Commodities - 2001-02(P)

('000 Tonnes)

Port	POL and Crude Prdcts	Iron Ore	Fertil-iser	FRM	Food-grains	Coal	Container Cargo 000 Tonnes	Container Cargo 000 TEUs	Others	Total
1	2	3	4	5	6	7	8	9	10	11
Kandla	22709	-	611	~~2129~~ 2297	2584	381	1752	125	7562	37728
Mumbai	15710	-	108	552	123	-	3684	254	6256	26433
J.L.Nehru	1747	-	265	68	30	-	18484	1574	1927	22521
Mormugao	1153	17966	159	274	-	2725	70	6	581	22928
New Mangalore	9897	5783	248	198	-	233	45	4	1097	17501
Cochin	8588	-	107	539	11	92	1899	152	823	12059
Tuticorin	430	8	284	776	405	5997	2199	214	2918	13017
Chennai	8473	7482	459	533	3	9656	5857	345	3652	36115
Ennore	-	-	-	-	-	3401	-	-	-	3401
Visakhapatnam	18583	9199	986	1033	703	10677	321	21	2842	44344
Paradip	1993	3546	-	3421	-	10722	7	Neg.	1442	21131
Haldia Dock Complex	11307	1780	264	957	54	7369	1523	93	1775	25029
Kolkata Dock System	2688	-	1	-	1	-	1411	98	1273	5374
All Ports	103278	45764	3492	10480	3914	51253	37252	2886	32148	287581

Table 2.1.3

Traffic Handled - Port-wise and Principal Commodity-wise - 1999-00, 2000-01 & 2001-02

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

Commodity	1999-00						2000-01						2001-02					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
POL Crude	3575	0	3575	0	0	0	2369	0	2369	0	0	0	1599	0	1599	0	0	0
POL Products	139	0	139	1783	125	1908	12	18	30	1108	159	1267	67	39	106	806	177	983
Fertiliser	14	0	14	0	0	0	1	0	1	0	0	0	1	0	1	0	0	0
FRM - Dry	61	0	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRM - Liquid	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food Grains	48	0	48	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
Iron & Steel	237	104	341	9	0	9	93	87	180	2	0	2	102	58	160	0	0	0
Iron Scrap	30	0	30	0	0	0	42	0	42	0	0	0	49	0	49	0	0	0
Sugar	430	0	430	0	0	0	8	0	8	0	0	0	0	0	0	0	0	0
Veg. Oil	583	0	583	0	0	0	451	0	451	0	0	0	407	0	407	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	9	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thermal Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron Ore/Pellets	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Ore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tea and Coffee	0	49	49	0	0	0	0	46	46	0	0	0	0	18	18	0	0	0
Chemicals	107	0	107	0	0	0	102	0	102	0	0	0	103	18	121	10	11	21
Others	1672	844	2516	363	131	494	1617	782	2399	124	137	261	1246	469	1715	115	78	193
Total	6905	997	7902	2155	256	2411	4695	933	5628	1234	296	1530	3574	603	4177	931	266	1197

Table 2.1.3 (Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 1999-00, 2000-01 & 2001-02

Haldia Dock Complex

(In '000 Tonnes)

Commodity	1999-00						2000-01						2001-02					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
POL Crude	6742	0	6742	0	0	0	6376	0	6376	0	0	0	7287	0	7287	0	0	0
POL Products	2874	0	2874	418	807	1225	2085	0	2085	1683	427	2110	2188	0	2188	1334	498	1832
Fertiliser	122	0	122	0	0	0	202	0	202	0	0	0	264	0	264	0	0	0
FRM - Dry	351	0	351	0	0	0	457	0	457	0	0	0	390	0	390	0	0	0
FRM - Liquid	342	0	342	0	0	0	579	0	579	7	0	7	567	0	567	0	0	0
Food Grains	12	0	12	0	0	0	21	0	21	0	0	0	54	0	54	0	0	0
Iron & Steel	11	455	466	0	0	0	53	415	468	0	0	0	73	576	649	0	0	0
Iron Scrap	2	0	2	0	0	0	22	0	22	0	0	0	86	0	86	0	0	0
Sugar	368	0	368	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veg. Oil	180	0	180	0	0	0	291	0	291	0	0	0	263	0	263	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	3657	8	3665	0	0	0	4332	0	4332	0	0	0	4442	0	4442	0	0	0
Thermal Coal	0	0	0	0	3224	3224	0	0	0	0	3674	3674	0	0	0	0	2927	2927
Cement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron Ore/Pellets	0	0	0	0	0	0	0	355	355	0	19	19	0	1780	1780	0	0	0
Other Ore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tea and Coffee	0	32	32	0	0	0	0	42	42	0	0	0	0	58	58	0	0	0
Chemicals	3	0	3	0	0	0	11	0	11	0	0	0	0	12	12	10	0	10
Others	781	311	1092	13	0	13	1130	660	1790	1	0	1	1509	711	2220	0	0	0
Total	15445	806	16251	431	4031	4462	15559	1472	17031	1691	4120	5811	17123	3137	20260	1344	3425	4769

Table 2.1.3 (Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 1999-00, 2000-01 & 2001-02

(In '000 Tonnes)

Paradip

Commodity	1999-00						2000-01						2001-02					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
POL Crude	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POL Products	774	0	774	524	921	1445	431	0	431	833	955	1788	251	0	251	920	822	1742
Fertiliser	55	0	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRM - Dry	588	0	588	0	0	0	2652	0	2652	0	0	0	2848	0	2848	0	0	0
FRM - Liquid	786	0	786	0	0	0	718	0	718	0	0	0	573	0	573	0	0	0
Food Grains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron & Steel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	22	0	22	0	0	0
Sugar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veg. Oil	11	0	11	1	0	1	20	0	20	0	0	0	12	0	12	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	1757	0	1757	0	21	21	1890	0	1890	0	0	0	1777	0	1777	0	0	0
Thermal Coal	24	0	24	0	5953	5953	0	0	0	0	8207	8207	0	0	0	0	8945	8945
Cement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron Ore/Pellets	0	996	996	0	29	29	0	2904	2904	0	88	88	0	3259	3259	0	287	287
Other Ore	0	377	377	0	0	0	0	422	422	0	0	0	0	348	348	0	0	0
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemicals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	242	560	802	14	3	17	304	467	771	0	9	9	259	808	1067	0	0	0
Total	4237	1933	6170	539	6927	7466	6015	3793	9808	833	9259	10092	5742	4415	10157	920	10054	10974

Table 2.1.3 (Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 1999-00, 2000-01 & 2001-02

(In '000 Tonnes)

Visakhapatnam

Commodity	1999-00						2000-01						2001-02					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
POL Crude	3769	0	3769	5833	0	5833	6405	0	6405	7813	0	7813	8357	0	8357	7458	0	7458
POL Products	2378	0	2378	2618	690	3308	715	346	1061	2110	947	3057	52	450	502	1566	700	2266
Fertiliser	2172	0	2172	0	0	0	829	0	829	0	0	0	986	0	986	0	0	0
FRM - Dry	804	0	804	0	0	0	696	0	696	0	0	0	666	0	666	0	0	0
FRM - Liquid	359	0	359	0	0	0	211	0	211	0	0	0	367	0	367	0	0	0
Food Grains	164	60	224	0	37	37	4	144	148	0	25	25	108	564	672	0	31	31
Iron & Steel	24	638	662	1	0	1	13	369	382	1	9	10	28	351	379	0	3	3
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar	8	0	8	0	3	3	0	0	0	0	0	0	0	0	0	0	4	4
Veg. Oil	51	0	51	0	0	0	10	0	10	0	0	0	7	0	7	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	5404	119	5523	0	0	0	6541	179	6720	67	0	67	6480	223	6703	50	0	50
Thermal Coal	0	0	0	0	4011	4011	0	0	0	0	5398	5398	0	0	0	0	3924	3924
Cement	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	5	5
Iron Ore/Pellets	111	4204	4315	194	3316	3510	0	5619	5619	20	3630	3650	0	5778	5778	240	3181	3421
Other Ore	18	196	214	0	1	1	1	317	318	0	0	0	0	219	219	15	5	20
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0
Chemicals	187	0	187	0	0	0	153	0	153	36	0	36	118	0	118	68	0	68
Others	930	1082	2012	126	0	126	829	1196	2025	45	4	49	864	1452	2316	6	18	24
Total	16379	6299	22678	8772	8060	16832	16407	8170	24577	10092	10016	20108	18033	9037	27070	9403	7871	17274

Table 2.1.3 (Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 1999-00, 2000-01 & 2001-02

(In '000 Tonnes) **Enpore**

Commodity	1999-00						2000-01						2001-02					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
POL Crude	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POL Products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fertiliser	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRM - Dry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRM - Liquid	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food Grains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron & Steel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veg. Oil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	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	3401	0	3401
Cement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron Ore/Pellets	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Ore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemicals	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
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3401	0	3401

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

Table 2.1.3 (Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 1999-00, 2000-01 & 2001-02

(In '000 Tonnes)

Chennai

Commodity	1999-00						2000-01						2001-02					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
POL Crude	3410	0	3410	3324	491	3815	3825	0	3825	2462	0	2462	4297	0	4297	2080	0	2080
POL Products	1364	297	1661	732	555	1287	457	223	680	1381	548	1929	85	0	85	1148	863	2011
Fertiliser	731	0	731	0	0	0	459	0	459	0	0	0	459	0	459	0	0	0
FRM - Dry	479	0	479	0	0	0	466	0	466	0	0	0	351	0	351	0	0	0
FRM - Liquid	0	0	0	0	0	0	248	0	248	0	0	0	182	0	182	0	0	0
Food Grains	270	38	308	0	19	19	106	36	142	0	22	22	0	0	0	0	3	3
Iron & Steel	410	124	534	11	10	21	555	111	666	0	7	7	169	8	177	0	4	4
Iron Scrap	527	22	549	1	0	1	887	0	887	4	0	4	636	35	671	1	0	1
Sugar	9	10	19	0	2	2	0	3	3	0	5	5	0	0	0	0	1	1
Veg. Oil	677	1	678	0	1	1	713	0	713	2	1	3	622	0	622	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	396	0	396	0	0	0	3132	0	3132	0	0	0	2462	0	2462	0	0	0
Thermal Coal	2787	0	2787	9339	0	9339	0	0	0	11864	0	11864	0	0	0	7194	0	7194
Cement	0	2	2	0	40	40	1	0	1	0	81	81	0	2	2	0	73	73
Iron Ore/Pellets	0	6259	6259	0	0	0	0	7049	7049	0	0	0	0	7482	7482	0	0	0
Other Ore	20	359	379	4	0	4	43	618	661	0	0	0	21	614	635	0	0	0
Tea and Coffee		15	15	0	0	0	0	18	18	0	0	0	0	0	0	0	0	0
Chemicals	624	154	778	0	9	9	715	141	856	0	23	23	119	28	147	20	28	48
Others	1246	2545	3791	77	52	129	1580	3368	4948	20	46	66	3279	3783	7062	15	51	66
Total	12950	9826	22776	13488	1179	14667	13187	11567	24754	15733	733	16466	12682	11952	24634	10458	1023	11481

Table 2.1.3 (Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 1999-00, 2000-01 & 2001-02

(In '000 Tonnes)

Tuticorin

Commodity	1999-00						2000-01						2001-02					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
POL Crude	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POL Products	71	0	71	461	0	461	87	0	87	373	0	373	71	0	71	359	0	359
Fertiliser	423	0	423	0	0	0	332	0	332	0	0	0	284	0	284	0	0	0
FRM - Dry	446	0	446	0	0	0	417	0	417	0	0	0	495	0	495	0	0	0
FRM - Liquid	345	0	345	0	0	0	467	0	467	0	0	0	281	0	281	0	0	0
Food Grains	195	1	196	0	0	0	18	131	149	0	0	0	75	330	405	0	0	0
Iron & Steel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron Scrap	8	0	8	0	0	0	0	0	0	0	0	0	8	0	8	0	0	0
Sugar	0	0	0	0	0	0	0	122	122	0	0	0	0	433	433	0	0	0
Veg. Oil	0	0	0	0	0	0	29	0	29	0	0	0	50	0	50	0	0	0
Salt	0	403	403	0	0	0	0	438	438	0	0	0	0	392	392	0	0	0
Coking Coal	6	0	6	0	0	0	577	0	577	122	0	122	649	0	649	158	0	158
Thermal Coal	429	0	429	3728	0	3728	0	0	0	5594	0	5594	0	0	0	5190	0	5190
Cement	0	0	0	0	0	0	0	3	3	0	0	0	0	31	31	0	0	0
Iron Ore/Pellets	0	0	0	7	0	7	0	0	0	0	0	0	0	0	0	8	0	8
Other Ore	5	37	42	0	0	0	410	41	451	0	0	0	544	67	611	0	0	0
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemicals	157		157	5	23	28	99	0	99	0	45	45	156	0	156	0	57	57
Others	1647	1588	3235	1	7	8	1218	1661	2879	96	4	100	1481	1894	3375	2	2	4
Total	3732	2029	5761	4202	30	4232	3654	2396	6050	6185	49	6234	4094	3147	7241	5717	59	5776

Table 2.1.3 (Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 1999-00, 2000-01 & 2001-02

Cochin

(In '000 Tonnes)

Commodity	1999-00						2000-01						2001-02					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
POL Crude	1503	0	1503	6385	0	6385	4306	0	4306	3217	0	3217	3798	0	3798	3023	0	3023
POL Products	147	28	175	518	1304	1822	85	26	111	1050	997	2047	187	0	187	832	748	1580
Fertiliser	53	0	53	0	0	0	28	0	28	0	0	0	107	0	107	0	0	0
FRM - Dry	349	0	349	0	0	0	459	0	459	0	0	0	441	0	441	0	0	0
FRM - Liquid	267	0	267	0	0	0	135	0	135	0	0	0	98	0	98	0	0	0
Food Grains	98	0	98	0	0	0	0	12	12	0	0	0	0	11	11	0	0	0
Iron & Steel	95	9	104	35	0	35	39	11	50	30	0	30	117	14	131	32	0	32
Iron Scrap	0	0	0	0	0	0	26	0	26	0	0	0	191	0	191	0	0	0
Sugar	78	0	78	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Veg. Oil	109	0	109	0	0	0	106	0	106	0	0	0	75	0	75	0	0	0
Salt	17	0	17	18	0	18	0	0	0	24	0	24	0	0	0	27	0	27
Coking Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thermal Coal	156	0	156	0	0	0	176	0	176	0	0	0	92	0	92	0	0	0
Cement	21	0	21	181	1	182	0	0	0	245	1	246	0	0	0	234	3	237
Iron Ore/Pellets	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Ore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tea and Coffee	6	233	239	0	0	0	9	264	273	0	0	0	13	242	255	0	0	0
Chemicals	14	13	27	0	0	0	11	15	26	1	0	1	37	20	57	0	0	0
Others	577	610	1187	9	6	15	898	744	1642	216	13	229	659	927	1586	131	0	131
Total	3490	893	4383	7146	1312	8458	6278	1072	7350	4783	1011	5794	5815	1214	7029	4279	751	5030

Table 2.1.3 (Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 1999-00, 2000-01 & 2001-02

(In '000 Tonnes)

New Mangalore

Commodity	1999-00						2000-01						2001-02					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
POL Crude	5304	0	5304	0	0	0	6379	0	6379	0	0	0	5557	0	5557	0	0	0
POL Products	1184	0	1184	131	2542	2673	597	544	1141	572	2826	3398	560	373	933	1022	2385	3407
Fertiliser	172	0	172	0	0	0	198	0	198	0	0	0	248	0	248	0	0	0
FRM - Dry	18	0	18	0	0	0	8	0	8	0	0	0	15	0	15	0	0	0
FRM - Liquid	199	0	199	0	0	0	244	0	244	0	0	0	183	0	183	0	0	0
Food Grains	315	0	315	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron & Steel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar	19	0	19	0	0	0	0	4	4	0	0	0	0	8	8	0	0	0
Veg. Oil	162	0	162	0	0	0	141	0	141	0	0	0	69	0	69	8	0	8
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	117	0	117	0	0	0	220	0	220	0	0	0	233	0	233	0	0	0
Thermal Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cement	0	0	0	304		304	0	0	0	375	0	375	0	0	0	374	0	374
Iron Ore/Pellets	0	5692	5692	0	695	695	0	4585	4585	0	526	526	0	5145	5145	0	638	638
Other Ore	0	0	0	0	0	0	0	0	0	0	0	0	0	14	14	0	0	0
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemicals	39	0	39	21	0	21	24	0	24	2	0	2	28	0	28	0	0	0
Others	448	219	667	20	0	20	416	216	632	14	0	14	431	180	611	29	1	30
Total	7977	5911	13888	476	3237	3713	8227	5349	13576	963	3352	4315	7324	5720	13044	1433	3024	4457

Table 2.1.3 (Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 1999-00, 2000-01 & 2001-02

(In '000 Tonnes)

Mormugao

Commodity	1999-00						2000-01						2001-02					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
POL Crude	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POL Products	185	0	185	958	0	958	133	0	133	956	0	956	188	0	188	965	0	965
Fertiliser	112	0	112	0	0	0	124	0	124	0	0	0	159	0	159	0	0	0
FRM - Dry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRM - Liquid	154	0	154	0	0	0	138	0	138	0	0	0	274	0	274	0	0	0
Food Grains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron & Steel	215	60	275	0	0	0	57	0	57	0	0	0	0	0	0	0	0	0
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veg. Oil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	486	44	530	0	6	6	1457	46	1503	1	3	4	2675	47	2722	2	1	3
Thermal Coal	683	0	683	0	0	0	420	0	420	0	0	0	0	0	0	0	0	0
Cement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron Ore/Pellets	304	14330	14634	58	139	197	44	15341	15385	162	116	278	0	17766	17766	55	145	200
Other Ore	0	137	137	0	0	0	0	125	125	0	0	0	0	69	69	0	0	0
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemicals	21	0	21	0	0	0	22	0	22	0	0	0	15	0	15	0	0	0
Others	118	213	331	3	0	3	163	301	464	13	6	19	253	271	524	33	10	43
Total	2278	14784	17062	1019	145	1164	2558	15813	18371	1132	125	1257	3564	18153	21717	1055	156	1211

Table 2.1.3 (Contd.)

Traffic Handled - Port-wise and Principal Commodity-wise - 1999-00, 2000-01 & 2001-02

(In '000 Tonnes)

J.L.Nehru

Commodity	1999-00						2000-01						2001-02					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
POL Crude	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POL Products	1130	0	1130	228	55	283	912	40	952	581	278	859	551	59	610	726	411	1137
Fertiliser	627	0	627	0	0	0	246	0	246	0	0	0	265	0	265	0	0	0
FRM - Dry	164	0	164	0	0	0	148	0	148	0	0	0	68	0	68	0	0	0
FRM - Liquid	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food Grains	555	0	555	0	0	0	0	0	0	0	0	0	30	0	30	0	0	0
Iron & Steel	0	0	0	0	0	0	0	129	129	0	0	0	0	32	32	0	0	0
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	0	0	0
Veg. Oil	537	0	537	0	0	0	802	0	802	0	0	0	908	2	910	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thermal Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cement	0	0	0	465	0	465	0	0	0	691	0	691	0	0	0	663	0	663
Iron Ore/Pellets	0	0	0	48	0	48	0	0	0	0	0	0	0	0	0	0	0	0
Other Ore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemicals	166	32	198	0	0	0	0	0	0	0	0	0	155	35	190	0	0	0
Others	5014	5799	10813	139	17	156	7012	7475	14487	219	42	261	9197	9034	18231	357	22	379
Total	8193	5831	14024	880	72	952	9120	7644	16764	1491	320	1811	11174	9168	20342	1746	433	2179

Table 2.1.3 (Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 1999-00, 2000-01 & 2001-02

(In '000 Tonnes)

Mumbai

Commodity	1999-00						2000-01						2001-02					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
POL Crude	6284	102	6386	321	4524	4845	5441	1	5442	528	4947	5475	6532	46	6578	546	4538	5084
POL Products	3649	40	3689	398	1467	1865	1547	225	1772	1401	1551	2952	1235	397	1632	1204	1212	2416
Fertiliser	140	0	140	0	0	0	139	0	139	0	0	0	108	0	108	0	0	0
FRM - Dry	749	0	749	0	0	0	561	0	561	0	0	0	552	0	552	0	0	0
FRM - Liquid	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food Grains	139	2	141	0	0	0	9	177	186	0	0	0	12	111	123	0	0	0
Iron & Steel	1204	519	1723	0	0	0	1093	652	1745	104	0	104	720	757	1477	118	0	118
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar	12	0	12	0	0	0	0	60	60	0	0	0	0	304	304	0	0	0
Veg. Oil	1117	56	1173	0	0	0	702	60	762	0	0	0	462	30	492	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thermal Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron Ore/Pellets	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Ore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemicals	424	195	619	0	0	0	364	214	578	0	0	0	217	100	317	0	0	0
Others	3794	3008	6802	2160	108	2268	4943	2204	7147	127	13	140	4720	1628	6348	884	0	884
Total	17512	3922	21434	2879	6099	8978	14799	3593	18392	2160	6511	8671	14558	3373	17931	2752	5750	8502

Table 2.1.3 (Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 1999-00, 2000-01 & 2001-02

(In '000 Tonnes) **Kandla**

Commodity	1999-00						2000-01						2001-02					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
POL Crude	20967	0	20967	2642	0	2642	19645	0	19645	3159	0	3159	18711	0	18711	2843	0	2843
POL Products	5747	0	5747	5256	0	5256	320	2	322	1932	36	1968	401	0	401	541	213	754
Fertiliser	1020	0	1020	0	0	0	471	0	471	0	0	0	265	0	265	0	0	0
FRM - Dry	496	0	496	0	0	0	255	0	255	0	0	0	~~1864~~	0	~~1864~~ 265	0	0	0
FRM - Liquid	1250	0	1250	0	0	0	1433	0	1433	6	0	6	~~1433~~	0	~~1433~~ 1864	6	0	6
Food Grains	205	845	1050	0	0	0	86	1187	1273	0	0	0	0	2584	2584	0	0	0
Iron & Steel	218	5	223	0	48	48	141	1	142	0	9	9	122	10	132	10	19	29
Iron Scrap	309	0	309	0	0	0	398	0	398	0	0	0	650	0	650	0	0	0
Sugar	97	0	97	0	0	0	0	0	0	0	0	0	0	8	8	0	0	0
Veg. Oil	813	191	1004	0	0	0	389	179	568	0	0	0	371	179	550	0	0	0
Salt	0	296	296	0	108	108	0	725	725	0	110	110	0	1211	1211	0	87	87
Coking Coal	829	0	829	0	0	0	624	0	624	0	0	0	381	0	381	0	0	0
Thermal Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron Ore/Pellets	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Ore	65	243	308	0	12	12	56	207	263	0	30	30	47	201	248	0	23	23
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemicals	822	35	857	0	0	0	1206	100	1306	2		2	1283	0	1283	3	0	3
Others	1862	1787	3649	37	98	135	1680	1999	3679	151	202	353	1728	2662	4390	193	507	700
Total	34700	3402	38102	7935	266	8201	26704	4400	31104	5250	387	5637	26434	6855	33289	3590	849	4439

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Table 2.1.3 (Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 1999-00, 2000-01 & 2001-02

(In '000 Tonnes) **All Ports**

Commodity	1999-00						2000-01						2001-02					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
POL Crude	51554	102	51656	18505	5015	23520	54746	1	54747	17179	4947	22126	56138	46	56184	15950	4538	20488
POL Products	19642	365	20007	14025	8466	22491	7381	1424	8805	13980	8724	22704	5836	1318	7154	11423	8029	19452
Fertiliser	5641	0	5641	0	0	0	3029	0	3029	0	0	0	3492	0	3492	0	0	0
FRM - Dry	4505	0	4505	0	0	0	6119	0	6119	0	0	0	6091	0	6091	0	0	0
FRM - Liquid	3702	0	3702	0	0	0	4173	0	4173	13	0	13	4389	0	4389	0	0	0
Food Grains	2001	946	2947	0	56	56	244	1687	1931	0	47	47	279	3601	3880	0	34	34
Iron & Steel	2414	1914	4328	56	58	114	2044	1775	3819	137	25	162	1331	1806	3137	160	26	186
Iron Scrap	876	22	898	1	0	1	1375	0	1375	4	0	4	1642	35	1677	1	0	1
Sugar	1021	10	1031	0	6	6	8	189	197	0	5	5	0	759	759	0	5	5
Veg. Oil	4240	248	4488	1	1	2	3654	239	3893	2	1	3	3246	211	3457	8	0	8
Salt	17	699	716	18	108	126	0	1163	1163	24	110	134	0	1603	1603	27	87	114
Coking Coal	12661	171	12832	0	27	27	18773	225	18998	190	3	193	19099	270	19369	210	1	211
Thermal Coal	4079	0	4079	13067	13188	26255	596	0	596	17458	17279	34737	92	0	92	15785	15796	31581
Cement	21	2	23	950	43	993	1	3	4	1311	82	1393	0	33	33	1271	81	1352
Iron Ore/Pellets	415	31481	31896	307	4179	4486	44	35853	35897	182	4379	4561	0	41210	41210	303	4251	4554
Other Ore	108	1349	1457	4	13	17	510	1730	2240	0	30	30	612	1532	2144	15	28	43
Tea and Coffee	6	329	335	0	0	0	9	370	379	0	3	3	13	318	331	0	0	0
Chemicals	2564	429	2993	26	32	58	2707	470	3177	41	68	109	2231	213	2444	111	96	207
Others	18331	18566	36897	2962	422	3384	21790	21073	42863	1026	476	1502	25626	23819	49445	1765	689	2454
Total	133798	56633	190431	49922	31614	81536	127203	66202	193405	51547	36179	87726	130117	76774	206891	47029	33661	80690

Table 2.1.4 Percentage Share Of Indian Flag In The Overseas Cargo Traffic Handled At Indian Ports

Port	1999-2000 (%)			2000-2001 (%) (P)			2001-2002 (%) (P)		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
MAJOR PORTS	44.5	7.9	33.8	36.1	9.3	26.9	30.6	5.2	21.1
Kandla	50.9	8.8	47.2	43.3	7.3	38.3	22.3	4.3	18.6
Mumbai	34.2	28.9	33.1	38.4	37.9	38.3	42.5	8.2	36.7
J.N.P.T.	14.5	9.1	12.6	10.0	10.5	10.2	2.6	2.9	2.8
Mormugao	2.5	2.6	2.6	6.7	5.0	5.2	15.5	2.4	4.6
N.Mangalore	76.5	4.2	45.7	22.6	7.8	16.8	22.3	5.5	14.9
Cochin	45.4	28.4	42.0	72.2	25.6	65.3	39.1	21.0	35.9
Tuticorin	18.1	14.1	16.7	15.2	10.0	13.2	6.9	5.9	6.4
Chennai	35.8	3.2	21.5	26.5	5.4	16.6	33.1	4.0	19.0
Vizag	47.2	5.8	35.8	38.7	5.0	27.5	39.0	7.2	28.4
Paradip	18.5	22.0	19.6	16.5	9.2	13.7	5.8	14.3	9.5
Haldia Dock Complex	58.9	4.3	56.2	53.3	11.4	49.7	55.8	6.5	48.2
Kolkata Dock System	40.6	2.3	35.7	11.4	1.2	9.7	23.2	0.8	19.9
NON-MAJOR PORTS	7.9	22.1	10.9	3.5	21.0	8.5	2.9	8.5	4.5
All Ports	***37.7***	***9.7***	***29.9***	***27.7***	***11.8***	***22.4***	***22.7***	***5.8***	***16.7***

(P): Provisional.

Table 2.1.5 Container Traffic Handled at Major Ports - Type-Wise - 1999-00, 2000-01 & 2001-02

(Nos.)

Type	KANDLA			MUMBAI			JAWAHARLAL NEHRU		
	1999-00	2000-01	2001-02	1999-00	2000-01	2001-02	1999-00	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10
IMPORT	39424	47260	64783	238063	190899	167282	406293	532692	667662
20'	26514	31580	45079	148301	117627	110032	184643	243202	317598
40'	6455	7840	9852	44881	36636	28625	110825	144745	175032
Stuffed	21658	24792	29534	199552	148489	133024	300281	358202	467002
20'	13768	14956	18582	127886	91633	88444	128383	149884	199044
40'	3945	4918	5476	35833	28428	22290	85949	104159	133979
Empty	17766	22468	35249	38511	42410	34258	106012	174490	200660
20'	12746	16624	26497	20415	25994	21588	56260	93318	118554
40'	2510	2922	4376	9048	8208	6335	24876	40586	41053
EXPORT	39665	44274	60580	189528	129644	84625	462390	601941	739925
20'	27757	30608	44308	122552	77772	52075	219882	292559	370409
40'	5954	6833	8136	33488	25936	16275	121254	154691	184758
Stuffed	35318	41234	57712	172181	118155	74432	425496	576951	693428
20'	26518	29568	42654	114457	76003	49834	214168	288329	362220
40'	4400	5833	7529	28862	21076	12299	105664	144311	165604
Empty	4347	3040	2868	17347	11489	10193	36894	24990	46497
20'	1239	1040	1654	8095	1769	2241	5714	4230	8189
40'	1554	1000	607	4626	4860	3976	15590	10380	19154
TRANSHIP-	-	-	-	1857	876	2402	21295	55147	166092
20'	-	-	-	1397	638	1892	11865	32473	87424
40'	-	-	-	230	119	255	4715	11337	39334
Stuffed	-	-	-	1857	876	2402	19455	52091	138462
20'	-	-	-	1397	638	1892	10617	29969	72242
40'	-	-	-	230	119	255	4419	11061	33110
Empty	-	-	-	-	-	-	1840	3056	27630
20'	-	-	-	-	-	-	1248	2504	15182
40'	-	-	-	-	-	-	296	276	6224
TOTAL	79089	91534	125363	429448	321419	254309	889978	1189780	1573679
20'	54271	62188	89387	272250	196037	163999	416390	568234	775431
40'	12409	14673	17988	78599	62691	45155	236794	310773	399124
Stuffed	56976	66026	87246	373590	267520	209858	745232	987244	1298892
20'	40286	44524	61236	243740	168274	140170	353168	468182	633506
40'	8345	10751	13005	64925	49623	34844	196032	259531	332693
Empty	22113	25508	38117	55858	53899	44451	144746	202536	274787
20'	13985	17664	28151	28510	27763	23829	63222	100052	141925
40'	4064	3922	4983	13674	13068	10311	40762	51242	66431

Table 2.1.5 (Contd...)

Container Traffic Handled at Major Ports - Type-Wise - 1999-00, 2000-01 & 2001-02

(Nos.)

Type	MORMUGAO			NEW MANGALORE			COCHIN		
	1999-00	2000-01	2001-02	1999-00	2000-01	2001-02	1999-00	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10
IMPORT	3321	3087	3112	85	966	2013	70460	67857	71543
20'	1707	1183	1626	85	744	1383	31676	35067	35155
40'	807	952	743	-	111	315	19392	16395	18194
Stuffed	2845	2136	1990	-	282	453	27955	32771	34581
20'	1707	940	914	-	198	387	19435	23289	22815
40'	569	598	538	-	42	33	4260	4741	5883
Empty	476	951	1122	85	684	1560	42505	35086	36962
20'	-	243	712	85	546	996	12241	11778	12340
40'	238	354	205	-	69	282	15132	11654	12311
EXPORT	3314	3133	3135	13	925	1916	76752	75258	79858
20'	1748	1177	1717	13	679	1238	35540	36516	39632
40'	783	978	709	-	123	339	20606	19371	20113
Stuffed	1493	2022	2432	13	824	1738	72005	71097	73147
20'	667	958	1584	13	672	1192	31653	32879	34139
40'	413	532	424	-	76	273	20176	19109	19504
Empty	1821	1111	703	-	101	178	4747	4161	6711
20'	1081	219	133	-	7	46	3887	3637	5493
40'	370	446	285	-	47	66	430	262	609
TRANSHIP-MENT	-	-	-	-	-	-	-	-	428
20'	-	-	-	-	-	-	-	-	16
40'	-	-	-	-	-	-	-	-	206
Stuffed	-	-	-	-	-	-	-	-	428
20'	-	-	-	-	-	-	-	-	16
40'	-	-	-	-	-	-	-	-	206
Empty	-	-	-	-	-	-	-	-	-
20'	-	-	-	-	-	-	-	-	-
40'	-	-	-	-	-	-	-	-	-
TOTAL	6635	6220	6247	98	1891	3929	147212	143115	151829
20'	3455	2360	3343	98	1423	2621	67216	71583	74803
40'	1590	1930	1452	-	234	654	39998	35766	38513
Stuffed	4338	4158	4422	13	1106	2191	99960	103868	108156
20'	2374	1898	2498	13	870	1579	51088	56168	56970
40'	982	1130	962	-	118	306	24436	23850	25593
Empty	2297	2062	1825	85	785	1738	47252	39247	43673
20'	1081	462	845	85	553	1042	16128	15415	17833
40'	608	800	490	-	116	348	15562	11916	12920

Table 2.1.5 (Contd...)

Container Traffic Handled at Major Ports - Type-Wise - 1999-00, 2000-01 & 2001-02

(Nos.)

Type	TUTICORIN			CHENNAI (a)			VISAKHAPATNAM		
	1999-00	2000-01	2001-02	1999-00	2000-01	2001-02	1999-00	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10
IMPORT	68767	78684	103573	163321	182828	182124	10631	10248	11642
20'	27539	31396	38855	90333	98616	101246	4831	5056	5952
40'	20614	23644	32359	36494	42106	40439	2900	2596	2845
Stuffed	43317	45065	68344	141855	154403	161815	7120	5534	7782
20'	17039	14727	17592	80449	82057	88301	4066	3326	4636
40'	13139	15169	25376	30703	36173	36757	1527	1104	1573
Empty	25450	33619	35229	21466	28425	20309	3511	4714	3860
20'	10500	16669	21263	9884	16559	12945	765	1730	1316
40'	7475	8475	6983	5791	5933	3682	1373	1492	1272
EXPORT	67845	78294	109936	158533	169350	161985	9796	9984	9875
20'	29105	31916	43324	90649	93758	89127	4294	5012	5333
40'	19370	23189	33306	33942	37796	36429	2751	2486	2271
Stuffed	63898	72782	99309	145141	157218	146545	6937	7813	8051
20'	27414	30396	42611	84761	90996	85879	3405	4459	4877
40'	18242	21193	28349	30190	33111	30333	1766	1677	1587
Empty	3947	5512	10627	13392	12132	15440	2859	2171	1824
20'	1691	1520	713	5888	2762	3248	889	553	456
40'	1128	1996	4957	3752	4685	6096	985	809	684
TRANSHIP-MENT	-	-	-	-	-	1	-	-	-
20'	-	-	-	-	-	1	-	-	-
40'	-	-	-	-	-	-	-	-	-
Stuffed	-	-	-	-	-	1	-	-	-
20'	-	-	-	-	-	-	-	-	-
40'	-	-	-	-	-	-	-	-	-
Empty	-	-	-	-	-	-	-	-	-
20'	-	-	-	-	-	-	-	-	-
40'	-	-	-	-	-	-	-	-	-
TOTAL	136612	156978	213509	21960 (b)	352307 (b)	44532 (b)	20427	20232	21517
20'	56644	63312	82179	180982	192374	190374	9125	10068	11285
40'	39984	46833	65665	70436	79902	76868	5651	5082	5116
Stuffed	107215	117847	167653	286996	311621	308361	14057	13347	15833
20'	44453	45123	60203	165210	173053	174181	7471	7785	9513
40'	31381	36362	53725	60893	69284	67090	3293	2781	3160
Empty	29397	39131	45856	34858	40557	35749	6370	6885	5684
20'	12191	18189	21976	15772	19321	16193	1654	2283	1772
40'	8603	10471	11940	9543	10618	9778	2358	2301	1956

Table 2.1.5 (Contd...)

Container Traffic Handled at Major Ports - Type-Wise - 1999-00, 2000-01 & 2001-02

(Nos.)

Type	PARADIP			HALDIA			CALCUTTA		
	1999-00	2000-01	2001-02	1999-00	2000-01	2001-02	1999-00	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10
IMPORT	-	87	280	4927	11808	36820	82322	81700	61504
20'	-	87	280	551	4644	18982	53936	53882	41980
40'	-	-	-	2188	3582	8919	14193	13909	9762
Stuffed	-	87	140	4797	9496	34012	72485	68500	51138
20'	-	87	140	525	2558	16346	50291	46610	36156
40'	-	-	-	2136	3469	8833	11097	10945	7491
Empty	-	-	140	130	2312	2808	9837	13200	10366
20'	-	-	140	26	2086	2636	3645	7272	5824
40'	-	-	-	52	113	86	3096	2964	2271
EXPORT	-	-	171	23394	39074	56190	64977	56145	36481
20'	-	-	167	12842	24496	37568	42155	34889	22293
40'	-	-	2	5276	7289	9311	11411	10628	7094
Stuffed	-	-	171	23152	37925	50764	48655	49215	30635
20'	-	-	167	12790	24413	37344	31047	31703	20045
40'	-	-	2	5181	6756	8710	8804	8756	5295
Empty	-	-	-	242	1149	1426	16322	6930	5846
20'	-	-	-	52	83	224	11108	3186	2248
40'	-	-	-	95	533	601	2607	1872	1799
40'									
TRANSHIP-MENT	-	-	-	4	-	-	-	-	-
20'	-	-	-	2	-	-	-	-	-
40'	-	-	-	1	-	-	-	-	-
Stuffed	-	-	-	3	-	-	-	-	-
20'	-	-	-	1	-	-	-	-	-
40'	-	-	-	1	-	-	-	-	-
Empty	-	-	-	1	-	-	-	-	-
20'	-	-	-	1	-	-	-	-	-
40'	-	-	-	-	-	-	-	-	-
TOTAL	-	87	451	28325	50882	93010	147299	137845	97985
20'	-	87	447	13395	29140	56550	96091	88771	64273
40'	-	-	2	7465	10871	18230	25604	24537	16856
Stuffed	-	87	311	27952	47421	88776	121140	117715	81773
20'	-	87	307	13316	26971	53690	81338	78313	56201
40'	-	-	2	7318	10225	17543	19901	19701	12786
Empty	-	-	140	373	3461	4234	26159	20130	16212
20'	-	-	140	79	2169	2860	14753	10458	8072
40'	-	-	-	147	646	687	5703	4836	4070

Table 2.1.5 (Contd...)

Container Traffic Handled at Major Ports - Type-Wise - 1999-00, 2000-01 & 2001-02

(Nos.)

Type	ALL PORTS		
	1999-00	2000-01	2001-02
1	2	3	4
IMPORT	1087614	1208116	1372338
20'	570116	623084	718168
40'	258749	292516	327085
Stuffed	821865	849757	989815
20'	443549	430265	493357
40'	189158	209746	248229
Empty	265749	358359	382523
20'	126567	192819	224811
40'	69591	82770	78856
EXPORT	1096207	1208022	1344677
20'	586537	629382	707191
40'	254835	289320	318743
Stuffed	994289	1135236	1242364
20'	546893	610376	682546
40'	223698	262430	279909
Empty	101918	72786	102313
20'	39644	19006	24645
40'	31137	26890	38834
TRANSHIP-MENT	23156	56023	168923
20'	13264	33111	89333
40'	4946	11456	39795
Stuffed	21315	52967	141293
20'	12015	30607	74151
40'	4650	11180	33571
Empty	1841	3056	27630
20'	1249	2504	15182
40'	296	276	6224
TOTAL	2207083 (b)	2472290 (b)	2886360 (b)
20'	1169917	1285577	1514692
40'	518530	593292	685623
Stuffed	1837469	2037960	2373472
20'	1002457	1071248	1250054
40'	417506	483356	561709
Empty	369508	434201	512466
20'	167460	214329	264638
40'	101024	109936	123914

(a) There were 723, 282 & 453 containers of size 45' in Chennai Port in 1999-00 2000-01 & 2001-02 respectively which have been converted into TEUs (One 45'=3TEUs)

(b) 106 TEUs in 1999-00, 129 TEUs in 2000-01 and 422 TEUs in 2001-02 have been included under "Shifting" by Chennai Port.

Note: Wherever size of the containers is not specified, the no. of containers is in Twenty Equivalent Units. Total of Import, Export, Stuffed and Empty are given in Twenty Equivalent Units (TEUs).

Table 2.1.6 Commodity-Wise Break-Up Of Container and General Cargo And Level Of Containerisation At Major Ports - Port-wise - 2000-01 & 2001-02

Commodities	General Cargo (000T) Container Cargo		Total General Cargo		% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
ALL PORTS										
LOADED										
1. Textiles(Cotton,Silk, Synthetic)Yarn etc.	682	380	682	383	4.09	1.97	2.92	1.42	100.00	99.22
2. Metal & Metal products	374	353	1085	1153	2.24	1.83	4.65	4.26	34.47	30.62
3. Tea & Coffee	390	353	392	353	2.34	1.83	1.68	1.30	99.49	-
4. Foodgrain (Cereals and Pulses)	323	394	1269	2146	1.94	2.04	5.44	7.93	25.45	18.36
5. Marine products	286	301	286	301	1.72	1.56	1.23	1.11	100.00	-
6. Fodder	85	169	336	345	0.51	0.88	1.44	1.27	25.30	48.99
7. Fruits & Vegetables.	92	77	158	215	0.55	0.40	0.68	0.79	58.23	35.81
8. Spices	78	73	70	78	0.47	0.38	0.30	0.29	111.43	93.59
9. Hossiery, Harberdasherry and Millinary.	105	80	105	83	0.63	0.41	0.45	0.31	100.00	96.39
10. Machinery,Instruments Transport equipments.	219	223	237	253	1.31	1.16	1.02	0.93	92.41	88.14
11.Drugs and Medicines.	95	91	95	93	0.57	0.47	0.41	0.34	100.00	97.85
12.Dyes and Colours.	31	43	31	43	0.19	0.22	0.13	0.16	100.00	100.00
13.Oil seeds,fats etc.	132	94	190	121	0.79	0.49	0.81	0.45	69.47	-
14.Chemicals	508	248	524	252	3.05	1.28	2.25	0.93	96.95	98.41
15.Dry Fruits	67	82	67	82	0.40	0.42	0.29	0.30	-	-
16.Jute & its Products	165	190	174	192	0.99	0.98	0.75	0.71	-	-
17.Leather & its Products	124	163	125	163	0.74	0.84	0.54	0.60	99.20	100.00
18.Others	3621	3038	6877	6061	21.72	15.74	29.47	22.39	52.65	50.12
19.Cargo not Classified(a)	8013	10972	9335	12768	48.06	56.83	40.01	47.17	85.84	85.93
20.All Commodities	15390	17324	22051	25084	92.30	89.73	94.50	92.67	69.79	69.06
21.Tare Weight(b)	960	975	960	975	5.76	5.05	4.11	3.60	-	-
22.Transhipment incl. Tare Wt.(c)	323	1008	323	1008	1.94	5.22	1.38	3.72	100.00	100.00
Grand Total	16673	19307	23334	27067	100.00	100.00	100.00	100.00	71.45	71.33

(a) This covers the container and general cargo traffic at Chennai for the period Dec. 02 to March, 03, at Tuticorin & J. L. Nehru for 2000-01 & 2001-02.

(b) In case of KDS, Chennai & J.L.Nehru Tare Weight is included in the respective commodity weights.

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

Table 2.1.6 (Contd...) Commodity-Wise Break-Up Of Container and General Cargo And Level Of Containerisation At Major Ports - Port-wise - 2000-01 & 2001-02

Commodities	General Cargo (000T)				% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo							
	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
ALL PORTS										
UNLOADED										
1. Iron & Steel	515	456	1737	1054	3.29	2.54	7.54	4.30	29.65	43.26
2. Metal & Metal Products.	383	408	936	1076	2.44	2.27	4.06	4.39	40.92	37.92
3. Chemicals	726	503	745	535	4.63	2.80	3.23	2.18	97.45	94.02
4. Paper, Newsprints etc.	399	344	449	356	2.55	1.92	1.95	1.45	88.86	96.63
5. Plastic & its products	257	159	257	160	1.64	0.89	1.12	0.65	100.00	99.38
6. Machinery/Instrument and Transport equipments.	490	452	601	583	3.13	2.52	2.61	2.38	81.53	77.53
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	195	121	195	121	1.24	0.67	0.85	0.49	100.00	100.00
8. Hair and wool	13	15	13	15	0.08	0.08	0.06	0.06	100.00	-
9. Rubber and its products.	107	78	109	78	0.68	0.43	0.47	0.32	98.17	100.00
10.Oil, fats etc.	99	97	99	97	0.63	0.54	0.43	0.40	-	100.00
11.Woodpulp.	76	94	220	167	0.49	0.52	0.96	0.68	34.55	56.29
4. Foodgrain (Cereals and Pulses)	552	731	1364	2010	3.52	4.07	5.92	8.20	40.47	36.37
13.Fertiliser & FRM	-	-	125	123	-	-	0.54	0.50	-	-
14.Industrial Alcohol & Spirits (Non-potable)	3	7	3	12	0.02	0.04	0.01	0.05	-	58.33
15.Drugs & Medicines	28	20	28	20	0.18	0.11	0.12	0.08	100.00	100.00
16.Timber & Log	279	272	2466	2353	1.78	1.52	10.71	9.60	11.31	11.56
17.Others	3278	2739	4807	3576	20.92	15.26	20.88	14.59	68.16	76.59
18.Cargo not Classified(a)	6873	9299	7477	10019	43.86	51.82	32.46	40.88	91.92	92.81
19.All Commodities	14273	15795	21633	22355	91.08	88.02	93.92	91.22	65.98	70.66
20.Tare Weight(b)	1053	1137	1053	1137	6.72	6.34	4.57	4.64	-	-
21.Transhipment incl.Tare Wt.(c)	344	1013	348	1014	2.20	5.65	1.51	4.14	98.85	99.90
Grand Total	**15670**	**17945**	**23034**	**24506**	100.00	100.00	100.00	100.00	68.03	73.23

(a) This covers the container and general cargo traffic at Chennai for the period Dec. 02 to March, 03, at Tuticorin & J. L. Nehru for 2000-01 & 2001-02.

(b) In case of KDS, Chennai & J.L.Nehru Tare Weight is included in the respective commodity weights.

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

Table 2.1.7

Commodity-Wise Break-Up Of Container and General Cargo And Level Of Containerisation At Major Ports - Port-wise - 2000-01 & 2001-02

Commodities	General Cargo (000T)				% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo							
	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
PORT: KOLKATA DOCK SYSTEM										
LOADED										
1. Textiles(Cotton,Silk, Synthetic)Yarn etc.	8	0	8	0	0.98	0.00	0.76	0.00	100.00	-
2. Metal & Metal products	70	54	70	54	8.57	10.55	6.66	8.65	100.00	100.00
3. Tea & Coffee	46	18	46	18	5.63	3.52	4.38	2.88	100.00	100.00
4. Foodgrain (Cereals and Pulses)	0	0	0	1	0.00	0.00	0.00	0.16	-	0.00
5. Marine products	20	18	28	18	3.43	3.52	2.66	2.88	100.00	100.00
6. Fodder	0	0	0	0	0.00	0.00	0.00	0.00	-	-
7. Fruits & Vegetables.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
8. Spices	0	0	0	0	0.00	0.00	0.00	0.00	-	-
9. Hossiery, Harberdasherry and Millinary.	32	6	32	6	3.92	1.17	3.04	0.96	100.00	100.00
10. Machinery,Instruments Transport equipments.	17	10	17	10	2.08	1.95	1.62	1.60	100.00	100.00
11.Drugs and Medicines.	11	8	11	8	1.35	1.56	1.05	1.28	100.00	100.00
12.Dyes and Colours.	16	17	16	17	1.96	3.32	1.52	2.72	100.00	100.00
13.Oil seeds,fats etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
14.Chemicals	20	35	20	35	2.45	6.84	1.90	5.61	100.00	100.00
15.Dry Fruits	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16.Jute & its Products	106	87	115	89	12.97	16.99	10.94	14.26	92.17	97.75
17.Leather & its Products	20	13	20	13	2.45	2.54	1.90	2.08	100.00	100.00
18.Others	319	165	544	274	39.05	32.23	51.76	43.91	58.64	60.22
a).Iron & Steel	65	37	87	58	7.96	7.23	8.28	9.29	74.71	63.79
b).Cast Iron Goods	118	41	118	43	14.44	8.01	11.23	6.89	100.00	95.35
c). Miscelleneous	136	87	339	173	16.65	16.99	32.25	27.72	40.12	50.29
19. All Commodities	693	431	927	543	84.82	84.18	88.20	87.02	74.76	79.37
20. Tare Weight	124	81	124	81	15.18	15.82	11.80	12.98	100.00	100.00
21 . Transhipment incl.tare wt	(a)	(a)	(a)	(a)	0.00	0.00	0.00	0.00	-	-
Grand Total	**817**	**512**	**1051**	**624**	**100.00**	**100.00**	**100.00**	**100.00**	**77.74**	**82.05**

(a) Cargo weights included incommodity weights. Tare weight Included in S.No.20

Table 2.1.7 (Contd...)

Commodity-Wise Break-Up Of Container and General Cargo And Level Of Containerisation At Major Ports - Port-wise - 2000-01 & 2001-02

Commodities	General Cargo (000T)				% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo							
	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
PORT: KOLKATA DOCK SYSTEM										
UNLOADED										
1. Iron & Steel	36	70	95	102	3.02	7.79	4.76	7.51	37.89	68.63
2. Metal & Metal Products.	80	63	80	63	6.70	7.01	4.01	4.64	100.00	100.00
3. Chemicals	68	100	68	100	5.70	11.12	3.41	7.36	100.00	100.00
4. Paper, Newsprints etc.	89	52	89	52	7.45	5.78	4.46	3.83	100.00	100.00
5. Plastic & its products	20	0	20	0	1.68	0.00	1.00	0.00	100.00	-
6. Machinery/Instrument and Transport equipments.	67	31	67	32	5.61	3.45	3.36	2.36	100.00	96.88
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	49	14	49	14	4.10	1.56	2.45	1.03	100.00	100.00
8. Hair and wool	10	4	10	4	0.84	0.44	0.50	0.29	100.00	100.00
9. Rubber and its products.	7	15	7	15	0.59	1.67	0.35	1.10	100.00	100.00
10.Oil, fats etc.	81	40	81	40	6.78	4.45	4.06	2.95	100.00	100.00
11.Woodpulp.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
4. Foodgrain (Cereals and Pulses)	138	67	138	67	11.56	7.45	6.91	4.93	100.00	100.00
13.Fertiliser & FRM	0	0	1	0	0.00	0.00	0.05	0.00	0.00	-
14.Industrial Alcohol & Spirits (Non-potable)	0	2	0	2	0.00	0.22	0.00	0.15	-	100.00
15.Drugs & Medicines	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16.Timber & Log	1	1	270	144	0.08	0.11	13.53	10.60	0.37	0.69
17.Others	365	301	838	584	30.57	33.48	41.98	43.00	43.56	51.54
a) Electric Goods	50	23	50	23	4.19	2.56	2.51	1.69	100.00	100.00
b) Metal Srap	42	49	42	49	3.52	5.45	2.10	3.61	100.00	100.00
c) Miscelleneous	273	229	746	512	22.86	25.47	37.37	37.70	36.60	44.73
18. All Commodities	1011	760	1813	1219	84.67	84.54	90.83	89.76	55.76	62.35
19. Tare Weight	183	139	183	139	15.33	15.46	9.17	10.24	100.00	100.00
20 .Transhipment incl. tare wt	(a)	(a)	(a)	(a)	0.0	0.0	0.0	0.0	0.0	0.0
Grand Total	**1194**	**899**	**1996**	**1358**	**100.00**	**100.00**	**100.00**	**100.00**	**59.82**	**66.20**

(a) Cargo weights included in respective commodity weights. Tare weights included in S.No.19.

Table 2.1.7 (Contd...) Commodity-Wise Break-Up Of Container and General Cargo And Level Of Containerisation At Major Ports - Port-wise - 2000-01 & 2001-02

Commodities	General Cargo (000T) Container Cargo		Total General Cargo		% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
PORT: HALDIA DOCK COMPLEX										
LOADED										
1. Textiles (Cotton, Silk, Synthetic) Yarn etc.	4	5	4	5	0.61	0.51	0.37	0.37	100.00	100.00
2. Metal & Metal products	21	34	21	34	3.19	3.49	1.95	2.51	100.00	100.00
3. Tea & Coffee	42	58	42	58	6.38	5.95	3.89	4.28	100.00	100.00
4. Foodgrain (Cereals and Pulses)	0	3	0	3	0.00	0.31	0.00	0.22	-	100.00
5. Marine products	Neg.	0	Neg	0	0.00	0.00	0.00	0.00	100.00	100.00
6. Fodder	0	0	0	0	0.00	0.00	0.00	0.00	-	-
7. Fruits & Vegetables.	2	0	2	0	0.30	0.00	0.19	0.00	100.00	-
8. Spices	Neg.	0	Neg.	0	0.00	0.00	0.00	0.00	100.00	-
9. Hossiery, Harberdasherry and Millinary.	10	0	10	0	1.52	0.00	0.93	0.00	100.00	-
10. Machinery, Instruments Transport equipments.	17	1	17	1	2.58	0.10	1.58	0.07	100.00	100.00
11. Drugs and Medicines.	Neg.	Neg.	Neg.	Neg.	0.00	0.00	0.00	0.00	100.00	100.00
12. Dyes and Colours.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
13. Oil seeds, fats etc.	0	1	0	1	0.00	0.10	0.00	0.07	-	100.00
14. Chemicals	148	4	148	4	22.49	0.41	13.72	0.30	100.00	100.00
15. Dry Fruits	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16. Jute & its Products	53	90	53	90	8.05	9.23	4.91	6.65	100.00	100.00
17. Leather & its Products	0	3	0	3	0.00	0.31	0.00	0.22	-	100.00
18. Others	279	657	700	1036	42.40	67.38	64.87	76.51	39.86	63.42
a) Iron Goods	64	104	64	104	9.73	10.67	5.93	7.68	100.00	100.00
b) Iron & Steel	62	106	476	472	9.42	10.87	44.11	34.86	13.03	22.46
c). Miscelleneous	153	447	160	460	23.25	45.85	14.83	33.97	95.63	97.17
19. All Commodities	576	856	997	1235	87.54	87.79	92.40	91.21	57.77	69.31
20. Tare Weight	82	119	82	119	12.46	12.21	7.60	8.79	100.00	100.00
21. Transhipment incl. tare wt	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
Grand Total	**658**	**975**	**1079**	**1354**	100.00	100.00	100.00	100.00	**60.98**	**72.01**

Table 2.1.7 (Contd...)

Commodity-Wise Break-Up Of Container and General Cargo And Level Of Containerisation At Major Ports - Port-wise - 2000-01 & 2001-02

Commodities	General Cargo (000T) Container Cargo		Total General Cargo		% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
PORT:HALDIA DOCK COMPLEX										
UNLOADED										
1. Iron & Steel	1	38	54	73	0.08	4.23	2.71	5.38	1.85	52.05
2. Metal & Metal Products.	8	23	8	23	0.67	2.56	0.40	1.69	100.00	100.00
3. Chemicals	1	1	1	1	0.08	0.11	0.05	0.07	100.00	100.00
4. Paper, Newsprints etc.	30	52	30	52	2.51	5.78	1.50	3.83	100.00	100.00
5. Plastic & its products	2	30	2	30	0.17	3.34	0.10	2.21	100.00	100.00
6. Machinery/Instrument and Transport equipments.	1	0	1	0	0.08	0.00	0.05	0.00	100.00	-
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0	10	0	10	0.00	1.11	0.00	0.74	-	100.00
8. Hair and wool	0	9	0	9	0.00	1.00	0.00	0.66	-	100.00
9. Rubber and its products.	0	11	0	11	0.00	1.22	0.00	0.81	-	100.00
10.Oil, fats etc.	0	5	0	5	0.00	0.56	0.00	0.37	-	100.00
11.Woodpulp.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
4. Foodgrain (Cereals and Pulses)	2	2	26	2	0.17	0.22	1.30	0.15	7.69	100.00
13.Fertiliser & FRM	0	0	124	123	0.00	0.00	6.21	9.06	0.00	-
14.Industrial Alcohol & Spirits (Non-potable)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
15.Drugs & Medicines	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16.Timber & Log	0	1	34	94	0.00	0.11	1.70	6.92	0.00	1.06
17.Others	80	291	82	336	6.70	32.37	4.11	24.74	97.56	86.61
a) Soda Ash	11	5	11	21	0.92	0.56	0.55	1.55	100.00	23.81
b) Waste Paper	31	0	31	0	2.60	0.00	1.55	0.00	100.00	-
c) Miscelleneous	38	286	40	315	3.18	31.81	2.00	23.20	95.00	90.79
18. All Commodities	125	473	362	769	10.47	52.61	18.14	56.63	34.53	61.51
19. Tare Weight	23	75	23	75	1.93	8.34	1.15	5.52	100.00	100.00
20. Transhipment incl tare wt.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.0
Grand Total	**148**	**548**	**385**	**844**	**12.40**	**60.96**	**19.29**	**62.15**	**38.44**	**64.93**

Table 2.1.7 (Contd...)

Commodity-Wise Break-Up Of Container and General Cargo And Level Of Containerisation At Major Ports - Port-wise - 2000-01 & 2001-02

Commodities	General Cargo (000T) Container Cargo		General Cargo (000T) Total General Cargo		% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
PORT : PARADIP										
LOADED										
1. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0	0	0	0	-	0.00	0.00	0.00	-	-
2. Metal & Metal products	0	0	0	0	-	0.00	0.00	0.00	-	-
3. Tea & Coffee	0	0	0	0	-	0.00	0.00	0.00	-	-
4. Foodgrain (Cereals and Pulses)	0	0	0	0	-	0.00	0.00	0.00	-	-
5. Marine products	0	Neg.	0	Neg.	-	0.00	0.00	0.00	-	100.00
6. Fodder	0	0	0	0	-	0.00	0.00	0.00	-	-
7. Fruits & Vegetables.	0	0	0	0	-	0.00	0.00	0.00	-	-
8. Spices	0	0	0	0	-	0.00	0.00	0.00	-	-
9. Hossiery, Harberdasherry and Millinary.	0	0	0	0	-	0.00	0.00	0.00	-	-
10. Machinery,Instruments Transport equipments.	0	0	0	1	-	0.00	0.00	20.00	-	0.00
11.Drugs and Medicines.	0	0	0	0	-	0.00	0.00	0.00	-	-
12.Dyes and Colours.	0	0	0	0	-	0.00	0.00	0.00	-	-
13.Oil seeds,fats etc.	0	0	0	0	-	0.00	0.00	0.00	-	-
14.Chemicals	0	0	0	0	-	0.00	0.00	0.00	-	-
15.Dry Fruits	0	0	0	0	-	0.00	0.00	0.00	-	-
16.Jute & its Products	0	0	0	0	-	0.00	0.00	0.00	-	-
17.Leather & its Products	0	0	0	0	-	0.00	0.00	0.00	-	-
18.Others	0	4	51	4	-	100.00	100.00	80.00	0.00	100.00
a).Iron & Steel	0	0	51	0	-	0.00	100.00	0.00	0.00	-
b).Al.Ingot	0	4	0	4	-	100.00	0.00	80.00	-	100.00
c). Miscelleneous	0	0	0	0	-	0.00	0.00	0.00	-	-
19. All Commodities	0	4	51	5	-	100.00	100.00	100.00	0.00	80.00
20. Tare Weight	0	Neg.	0	Neg.	-	0.00	0.00	0.00	-	100.00
21. Transhipment incl tare wt.	0	0	0	0	-	0.00	0.00	0.00	-	-
Grand Total	**0**	**4**	**51**	**5**	-	100.00	100.00	100.00	**0.00**	**80.00**

Table 2.1.7 (Contd...)

Commodity-Wise Break-Up Of Container and General Cargo And Level Of Containerisation At Major Ports - Port-wise - 2000-01 & 2001-02

Commodities	General Cargo (000T) Container Cargo		General Cargo (000T) Total General Cargo		% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02
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	0.00	-	-
2. Metal & Metal Products.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
3. Chemicals	0	0	0	0	0.00	0.00	0.00	0.00	-	-
4. Paper, Newsprints etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
5. Plastic & its products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
6. Machinery/Instrument and Transport equipments.	0	0	7	12	0.00	0.00	46.67	25.00	0.00	0.00
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
8. Hair and wool	0	0	0	0	0.00	0.00	0.00	0.00	-	-
9. Rubber and its products.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
10.Oil, fats etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
11.Woodpulp.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
4. Foodgrain (Cereals and Pulses)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
13.Fertiliser & FRM	0	0	0	0	0.00	0.00	0.00	0.00	-	-
14.Industrial Alcohol & Spirits (Non-potable)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
15.Drugs & Medicines	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16.Timber & Log	0	0	0	0	0.00	0.00	0.00	0.00	-	-
17.Others	8	3	8	36	100.00	100.00	53.33	75.00	100.00	8.33
a)Care Cargo	0	3	0	24	0.00	100.00	0.00	50.00	-	12.50
b) Edible Oil	0	0	0	12	0.00	0.00	0.00	25.00	-	0.00
c) Miscelleneous	8	0	8	0	100.00	0.00	53.33	0.00	100.00	-
18. All Commodities	8	3	15	48	100.00	100.00	100.00	100.00	53.33	6.25
19. Tare Weight	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	100.00	100.00
20. Transhipment incl.tare wt.	-	-	-	-	-	-	-	-	-	-
Grand Total	**8**	**3**	**15**	**48**	100.00	100.00	100.00	100.00	**53.33**	**6.25**

Table 2.1.7 (Contd....) Commodity-Wise Break-Up Of Container and General Cargo And Level Of Containerisation At Major Ports - Port-wise - 2000-01 & 2001-02

Commodities	General Cargo (000T) Container Cargo		General Cargo (000T) Total General Cargo		% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
PORT: VISAKHAPATNAM (b)										
LOADED										
1. Textiles (Cotton, Silk, Synthetic) Yarn etc.	2	1	2	1	1.19	0.56	0.20	0.10	100.00	100.00
2. Metal & Metal products (a)	95	77	734	694	56.55	43.26	73.33	67.51	12.94	11.10
3. Tea & Coffee	0	0	0	0	0.00	0.00	0.00	0.00	-	-
4. Foodgrain (Cereals and Pulses)	1	3	41	73	0.60	1.69	4.10	7.10	2.44	4.11
5. Marine products	44	52	44	52	26.19	29.21	4.40	5.06	100.00	100.00
6. Fodder	0	0	0	0	0.00	0.00	0.00	0.00	-	-
7. Fruits & Vegetables.	4	0	4	0	2.38	0.00	0.40	0.00	100.00	-
8. Spices	0	0	0	0	0.00	0.00	0.00	0.00	-	-
9. Hossiery, Harberdasherry and Millinary.	0	1	0	1	0.00	0.56	0.00	0.10	-	100.00
10. Machinery, Instruments Transport equipments.	Neg.	2	Neg.	2	0.00	1.12	0.00	0.19	100.00	100.00
11. Drugs and Medicines.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
12. Dyes and Colours.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
13. Oil seeds, fats etc.	1	4	1	4	0.60	2.25	0.10	0.39	100.00	100.00
14. Chemicals	0	0	0	0	0.00	0.00	0.00	0.00	-	-
15. Dry Fruits	0	6	0	6	0.00	3.37	0.00	0.58	-	100.00
16. Jute & its Products	6	6	6	6	3.57	3.37	0.60	0.58	100.00	100.00
17. Leather & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
18. Others	10	22	164	186	5.95	12.36	16.38	18.09	6.10	11.83
a) Cement	0	0	3	5	0.00	0.00	0.30	0.49	0.00	0.00
b) Sugar	0	0	3	4	0.00	0.00	0.30	0.39	0.00	0.00
c) Granite	3	11	134	154	1.79	6.18	13.39	14.98	2.24	7.14
d) Miscellaneous	7	11	24	23	4.17	6.18	2.40	2.24	29.17	47.83
19. All Commodities	163	174	996	1024	97.02	97.75	99.50	99.61	16.37	16.99
20. Tare Weight (c)	5	4	5	4	2.98	2.25	0.50	0.39	100.00	100.00
21. Transhipment incl. tare wt.	-	-	-	-	-	-	-	-	-	-
Grand Total	**168**	**178**	**1001**	**1028**	100.00	100.00	100.00	100.00	**16.78**	**17.32**

(a): Includes Iron & Steel. (b): Commodity weights include tare weights also. (c): Tare weight of empty containers

Table 2.1.7 (Contd...)

Commodity-Wise Break-Up Of Container and General Cargo And Level Of Containerisation At Major Ports - Port-wise - 2000-01 & 2001-02

Commodities	General Cargo (000T) Container Cargo		Total General Cargo		% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
PORT : VISAKHAPATNAM(a)										
UNLOADED										
1. Iron & Steel	1	1	14	1	0.91	0.70	3.79	0.28	7.14	100.00
2. Metal & Metal Products.	14	15	81	66	12.73	10.49	21.95	18.70	17.28	22.73
3. Chemicals	Neg.	1	Neg.	1	0.00	0.70	0.00	0.28	100.00	100.00
4. Paper, Newsprints etc.	7	27	7	27	6.36	18.88	1.90	7.65	100.00	100.00
5. Plastic & its products	1	2	1	2	0.91	1.40	0.27	0.57	100.00	100.00
6. Machinery/Instrument and Transport equipments.	5	13	5	41	4.55	9.09	1.36	11.61	100.00	31.71
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	1	Neg.	1	Neg.	0.91	0.00	0.27	0.00	100.00	100.00
8. Hair and wool	0	0	0	0	0.00	0.00	0.00	0.00	-	-
9. Rubber and its products.	1	5	1	5	0.91	3.50	0.27	1.42	100.00	100.00
10.Oil, fats etc.	2	6	2	6	1.82	4.20	0.54	1.70	100.00	100.00
11.Woodpulp.	11	1	11	1	10.00	0.70	2.98	0.28	100.00	100.00
4. Foodgrain (Cereals and Pulses)	38	39	42	39	34.55	27.27	11.38	11.05	90.48	100.00
13.Fertiliser & FRM	0	0	0	0	0.00	0.00	0.00	0.00	-	-
14.Industrial Alcohol & Spirits (Non-potable)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
15.Drugs & Medicines	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16.Timber & Log	Neg.	7	108	106	0.00	4.90	29.27	30.03	0.00	6.60
17.Others	18	17	85	49	16.36	11.89	23.04	13.88	21.18	34.69
a) Carbon Materials	3	5	3	5	2.73	3.50	0.81	1.42	100.00	100.00
b) Miscelleneous	15	12	82	44	13.64	8.39	22.22	12.46	18.29	27.27
18. All Commodities	99	134	358	344	90.00	93.71	97.02	97.45	27.65	38.95
19. Tare Weight(b)	11	9	11	9	10.00	6.29	2.98	2.55	-	-
20. Transhipment incl. tare wt	-	-	-	-	-	-	-	-	-	-
Grand Total	**110**	**143**	**369**	**353**	100.00	100.00	100.00	100.00	**29.81**	**40.51**

(a): Commodity weights include tare weights also. (b): Tare weights of empty containers.

Table 2.1.7 (Contd...)

Commodity-Wise Break-Up Of Container and General Cargo And Level Of Containerisation At Major Ports - Port-wise - 2000-01 & 2001-02

Commodities	General Cargo (000T) Container Cargo		Total General Cargo		% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
PORT : CHENNAI (a)										
LOADED										
1. Textiles (Cotton, Silk, Synthetic) Yarn etc.	544	295	544	296	18.89	10.70	14.75	8.66	100.00	99.66
2. Metal & Metal products	53	7	56	7	1.84	0.25	1.52	0.20	94.64	100.00
3. Tea & Coffee	18	14	18	14	0.63	0.51	0.49	0.41	100.00	100.00
4. Foodgrain (Cereals and Pulses)	36	32	58	35	1.25	1.16	1.57	1.02	62.07	91.43
5. Marine products	65	63	65	63	2.26	2.29	1.76	1.84	100.00	100.00
6. Fodder	1	3	1	4	0.03	0.11	0.03	0.12	100.00	75.00
7. Fruits & Vegetables.	2	41	4	75	0.07	1.49	0.11	2.19	50.00	54.67
8. Spices	9	4	9	4	0.31	0.15	0.24	0.12	100.00	100.00
9. Hossiery, Harberdasherry and Millinary.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
10. Machinery, Instruments Transport equipments.	98	118	112	133	3.40	4.28	3.04	3.89	87.50	88.72
11. Drugs and Medicines.	25	41	25	41	0.87	1.49	0.68	1.20	100.00	100.00
12. Dyes and Colours.	2	5	2	5	0.07	0.18	0.05	0.15	100.00	100.00
13. Oil seeds, fats etc.	83	19	84	19	2.88	0.69	2.28	0.56	98.81	100.00
14. Chemicals	132	81	145	82	4.58	2.94	3.93	2.40	91.03	98.78
15. Dry Fruits	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16. Jute & its Products	0	0	0	0	0.00	0.00	0.00	0.00	100.00	-
17. Leather & its Products	79	87	80	87	2.74	3.16	2.17	2.55	98.75	100.00
18. Others	1733	992	2486	1432	60.17	35.98	67.39	41.90	69.71	69.27
a). Minerals	242	. . .	528	. . .	8.40	0.00	14.31	0.00	45.83	-
b). Granite	827	. . .	1156	. . .	28.72	0.00	31.34	0.00	71.54	-
c). Iron & Steel	109	. . .	118	. . .	3.78	0.00	3.20	0.00	92.37	-
d). Miscelleneous	555	992	684	1432	19.27	35.98	18.54	41.90	81.14	69.27
19. Cargo not classified	0	955	0	1121	0.00	34.64	0.00	32.80	-	85.19
20. All Commodities	2880	2757	3689	3418	100.00	100.00	100.00	100.00	78.07	80.66
21. Tare Weight (b)	-	-	-	-	-	-	-	-	-	-
22. Transhipment incl. tare wt	0	0	0	0	-	-	-	-	-	-
Grand Total	**2880**	**2757**	**3689**	**3418**	100.00	100.00	100.00	100.00	**78.07**	**80.66**

(a): In 2001-02, the commodity-wise distribution of cntainer cargo and general cargo is upto Nov.02.

(b): commodity weights include tare weights also.

Table 2.1.7 (Contd...)

Commodity-Wise Break-Up Of Container and General Cargo And Level Of Containerisation At Major Ports - Port-wise - 2000-01 & 2001-02

Commodities	General Cargo (000T) Container Cargo		Total General Cargo		% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
PORT : CHENNAI (a)										
UNLOADED										
1. Iron & Steel	285	116	554	246	9.17	3.74	15.39	7.08	51.44	47.15
2. Metal & Metal Products.	143	98	147	101	4.60	3.16	4.08	2.91	97.28	97.03
3. Chemicals	329	149	336	157	10.58	4.81	9.34	4.52	97.92	94.90
4. Paper, Newsprints etc.	157	129	164	129	5.05	4.16	4.56	3.71	95.73	100.00
5. Plastic & its products	119	65	119	65	3.83	2.10	3.31	1.87	100.00	100.00
6. Machinery/Instrument and Transport equipments.	292	272	340	303	9.39	8.77	9.45	8.72	85.88	89.77
7. Textiles (Cotton, Silk, Synthetic) Yarn etc.	36	32	36	32	1.16	1.03	1.00	0.92	100.00	100.00
8. Hair and wool	0	Neg.	0	Neg.	0.00	0.00	0.00	0.00	-	100.00
9. Rubber and its products.	29	30	29	30	0.93	0.97	0.81	0.86	100.00	100.00
10. Oil, fats etc.	1	0	1	0	0.03	0.00	0.03	0.00	100.00	-
11. Woodpulp.	35	60	52	70	1.13	1.94	1.44	2.01	67.31	85.71
4. Foodgrain (Cereals and Pulses)	106	108	106	108	3.41	3.48	2.95	3.11	100.00	100.00
13. Fertiliser & FRM	0	0	0	0	0.00	0.00	0.00	0.00	-	-
14. Industrial Alcohol & Spirits (Non-potable)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
15. Drugs & Medicines	14	7	14	7	0.45	0.23	0.39	0.20	100.00	100.00
16. Timber & Log	41	36	77	82	1.32	1.16	2.14	2.36	53.25	43.90
17. Others	1522	958	1624	990	48.95	30.90	45.12	28.50	93.72	96.77
a) Non ferrous Metals	191	. . .	203	. . .	6.14	0.00	5.64	0.00	94.09	-
b). Waste Paper	193	. . .	193	. . .	6.21	0.00	5.36	0.00	100.00	-
c) Hides & Shines	59	. . .	59	. . .	1.90	0.00	1.64	0.00	100.00	-
d) Miscelleneous	1079	958	1169	990	34.71	30.90	32.48	28.50	92.30	96.77
18. Cargo not classified	0	1040	0	1154	0.00	33.55	0.00	33.22	-	90.12
19. All Commodities	3109	3100	3599	3474	100.00	100.00	100.00	100.00	86.39	89.23
20. Tare Weight (b)	0	0	0	0	-	-	-	-	-	-
21. Transhipment incl. tare wt	0	0	0	0	-	-	-	-	-	-
Grand Total	**3109**	**3100**	**3599**	**3474**	100.00	100.00	100.00	100.00	**86.39**	**89.23**

(a): In 2001-02, the commodity-wise distribution of cntainer cargo and general cargo is upto Nov '.02.

(b) Commodity weights include tare weights also.

Table 2.1.7 (Contd...)

Commodity-Wise Break-Up Of Container and General Cargo And Level Of Containerisation At Major Ports - Port-wise - 2000-01 & 2001-02

Commodities	General Cargo (000T) Container Cargo		Total General Cargo		% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
PORT : TUTICORIN(a)										
LOADED										
1. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
2. Metal & Metal products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
3. Tea & Coffee	0	0	0	0	0.00	0.00	0.00	0.00	-	-
4. Foodgrain (Cereals and Pulses)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
5. Marine products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
6. Fodder	0	0	0	0	0.00	0.00	0.00	0.00	-	-
7. Fruits & Vegetables.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
8. Spices	0	0	0	0	0.00	0.00	0.00	0.00	-	-
9. Hossiery, Harberdasherry and Millinary.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
10. Machinery,Instruments Transport equipments.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
11.Drugs and Medicines.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
12.Dyes and Colours.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
13.Oil seeds,fats etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
14.Chemicals	0	0	0	0	0.00	0.00	0.00	0.00	-	-
15.Dry Fruits	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16.Jute & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
17.Leather & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
18.Others	0	0	0	0	0.00	0.00	0.00	0.00	-	-
19. Cargo not classified	789	1068	2083	2580	83.94	83.44	93.24	92.41	37.88	41.40
20. All Commodities	789	1068	2083	2580	83.94	83.44	93.24	92.41	37.88	41.40
21. Tare Weight	151	212	151	212	16.06	16.56	6.76	7.59	-	-
22. Transhipment incl. tare wt	-	-	-	-	-	-	-	-	-	-
Grand Total	**940**	**1280**	**2234**	**2792**	100.00	100.00	100.00	100.00	**42.08**	**45.85**

(a): Commodity-wise break-up of General cargo is 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 - 2000-01 & 2001-02

Commodities	General Cargo (000T) Container Cargo		Total General Cargo		% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
PORT : TUTICORIN(a)										
UNLOADED										
1. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
2. Metal & Metal Products.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
3. Chemicals	0	0	0	0	0.00	0.00	0.00	0.00	-	-
4. Paper, Newsprints etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
5. Plastic & its products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
6. Machinery/Instrument and Transport equipments.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
8. Hair and wool	0	0	0	0	0.00	0.00	0.00	0.00	-	-
9. Rubber and its products.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
10.Oil, fats etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
11.Woodpulp.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
12. Foodgrain (Cereals and Pulses)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
13.Fertiliser & FRM	0	0	0	0	0.00	0.00	0.00	0.00	-	-
14.Industrial Alcohol & Spirits (Non-potable)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
15.Drugs & Medicines	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16.Timber & Log	0	0	0	0	0.00	0.00	0.00	0.00	-	-
17.Others	0	0	0	0	0.00	0.00	0.00	0.00	-	-
18. Cargo not classified	480	720	1080	1307	76.31	78.35	87.88	86.79	44.44	55.09
19. All Commodities	480	720	1080	1307	76.31	78.35	87.88	86.79	44.44	55.09
20. Tare Weight	149	199	149	199	23.69	21.65	12.12	13.21	-	-
21. Transhipment incl. tare wt	-	-	-	-	-	-	-	-	-	-
Grand Total	**629**	**919**	**1229**	**1506**	100.00	100.00	100.00	100.00	**51.18**	**61.02**

(a): Commodity-wise break-up of General cargo is 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 - 2000-01 & 2001-02

Commodities	General Cargo (000T) Container Cargo		Total General Cargo		% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
PORT : COCHIN										
LOADED										
1. Textiles(Cotton,Silk, Synthetic)Yarn etc.	44	40	44	40	4.22	3.29	4.15	3.28	100.00	100.00
2. Metal & Metal products	11	16	11	16	1.06	1.31	1.04	1.31	100.00	100.00
3. Tea & Coffee	264	242	266	242	25.34	19.88	25.09	19.84	99.25	100.00
4. Foodgrain (Cereals and Pulses)	12	11	12	11	1.15	0.90	1.13	0.90	100.00	100.00
5. Marine products	104	111	104	111	9.98	9.12	9.81	9.10	100.00	100.00
6. Fodder	0	0	0	0	0.00	0.00	0.00	0.00	-	-
7. Fruits & Vegetables.	0	6	0	6	0.00	0.49	0.00	0.49	-	100.00
8. Spices	33	43	33	43	3.17	3.53	3.11	3.52	100.00	100.00
9. Hossiery, Harberdasherry and Millinary.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
10. Machinery,Instruments Transport equipments.	12	14	12	14	1.15	1.15	1.13	1.15	100.00	100.00
11.Drugs and Medicines.	0	3	0	3	0.00	0.25	0.00	0.25	-	100.00
12.Dyes and Colours.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
13.Oil seeds,fats etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
14.Chemicals	15	20	15	20	1.44	1.64	1.42	1.64	100.00	100.00
15.Dry Fruits	57	66	57	66	5.47	5.42	5.38	5.41	100.00	100.00
16.Jute & its Products	0	7	0	7	0.00	0.58	0.00	0.57	-	100.00
17.Leather & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
18.Others	263	395	279	398	25.24	32.46	26.32	32.62	94.27	99.25
a) Rubber	24	18	24	18	2.30	1.48	2.26	1.48	100.00	100.00
b). Coir Products	58	61	58	61	5.57	5.01	5.47	5.00	100.00	100.00
c). Iron & Steel	. . .	12	. . .	12	0.00	0.99	0.00	0.98	-	100.00
d). Mineral Sand	. . .	54	. . .	54	0.00	4.44	0.00	4.43	-	100.00
e). Miscelleneous	181	250	197	253	17.37	20.54	18.58	20.74	91.88	98.81
19. All Commodities	815	974	833	977	78.21	80.03	78.58	80.08	97.84	99.69
20. Tare Weight	227	240	227	240	21.79	19.72	21.42	19.67	100.00	100.00
21 Transhipment Incl .Tare Wt	0	3	0	3	0.00	0.25	0.00	0.25	-	100.00
Grand Total	**1042**	**1217**	**1060**	**1220**	100.00	100.00	100.00	100.00	**98.30**	**99.75**

Table 2.1.7 (Contd...)

Commodity-Wise Break-Up Of Container and General Cargo And Level Of Containerisation At Major Ports - Port-wise - 2000-01 & 2001-02

Commodities	General Cargo (000T) Container Cargo		General Cargo (000T) Total General Cargo		% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
PORT : COCHIN										
UNLOADED										
1. Iron & Steel	88	112	88	144	13.97	16.42	7.03	13.83	100.00	77.78
2. Metal & Metal Products.	14	43	83	48	2.22	6.30	6.63	4.61	16.87	89.58
3. Chemicals	13	37	13	37	2.06	5.43	1.04	3.55	100.00	100.00
4. Paper, Newsprints etc.	20	57	20	57	3.17	8.36	1.60	5.48	100.00	100.00
5. Plastic & its products	0	Neg.	0	Neg.	0.00	0.00	0.00	0.00	-	-
6. Machinery/Instrument and Transport equipments.	3	5	3	5	0.48	0.73	0.24	0.48	100.00	100.00
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	5	15	5	15	0.79	2.20	0.40	1.44	100.00	100.00
8. Hair and wool	0	0	0	0	0.00	0.00	0.00	0.00	-	-
9. Rubber and its products.	17	13	17	13	2.70	1.91	1.36	1.25	100.00	100.00
10.Oil, fats etc.	5	0	5	0	0.79	0.00	0.40	0.00	100.00	-
11.Woodpulp.	0	11	0	11	0.00	1.61	0.00	1.06	-	100.00
12. Foodgrain (Cereals and Pulses)	7	9	7	9	1.11	1.32	0.56	0.86	100.00	100.00
13.Fertiliser & FRM	0	0	0	0	0.00	0.00	0.00	0.00	-	-
14.Industrial Alcohol & Spirits (Non-potable)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
15.Drugs & Medicines	0	Neg.	0	Neg.	0.00	0.00	0.00	0.00	-	100.00
16.Timber & Log	0	0	0	0	0.00	0.00	0.00	0.00	-	-
17.Others	275	162	828	484	43.65	23.75	66.13	46.49	33.21	33.47
a) Cement	11	0	236	234	1.75	0.00	18.85	22.48	4.66	0.00
b) Cashew	27	18	64	36	4.29	2.64	5.11	3.46	42.19	50.00
c). Cement Clinker	0	113	0	113	0.00	16.57	0.00	10.85	-	100.00
d) Miscelleneous	237	31	528	101	37.62	4.55	42.17	9.70	44.89	30.69
18. All Commodities	447	464	1069	823	70.95	68.04	85.38	79.06	41.81	56.38
19. Tare Weight	183	216	183	216	29.05	31.67	14.62	20.75	100.00	100.00
20 Transhipment incl. Tare Wt	0	2	0	2	0.00	0.29	0.00	0.19	-	100.00
Grand Total	**630**	**682**	**1252**	**1041**	100.00	100.00	100.00	100.00	**50.32**	**65.51**

Table 2.1.7 (Contd...)

Commodity-Wise Break-Up Of Container and General Cargo And Level Of Containerisation At Major Ports - Port-wise - 2000-01 & 2001-02

Commodities	General Cargo (000T) Container Cargo		Total General Cargo		% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
PORT : NEW MANGALORE										
LOADED										
1. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
2. Metal & Metal products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
3. Tea & Coffee	6	11	6	11	33.33	32.35	2.70	5.67	100.00	100.00
4. Foodgrain (Cereals and Pulses)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
5. Marine products	3	8	3	8	16.67	23.53	1.35	4.12	100.00	100.00
6. Fodder	0	0	0	0	0.00	0.00	0.00	0.00	-	-
7. Fruits & Vegetables.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
8. Spices	Neg.	0	Neg.	0	0.00	0.00	0.00	0.00	100.00	-
9. Hossiery, Harberdasherry and Millinary.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
10. Machinery,Instruments Transport equipments.	5	5	5	7	27.78	14.71	2.25	3.61	100.00	71.43
11.Drugs and Medicines.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
12.Dyes and Colours.	Neg.	0	Neg.	0	0.00	0.00	0.00	0.00	100.00	-
13.Oil seeds,fats etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
14.Chemicals	0	0	0	0	0.00	0.00	0.00	0.00	-	-
15.Dry Fruits	Neg.	3	Neg.	3	0.00	8.82	0.00	1.55	100.00	100.00
16.Jute & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
17.Leather & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
18.Others	2	3	206	161	11.11	8.82	92.79	82.99	0.97	1.86
a) Granite Stones	0	0	200	149	0.00	0.00	90.09	76.80	0.00	0.00
b) Sugar	0	0	4	8	0.00	0.00	1.80	4.12	0.00	0.00
c). Miscelleneous	2	3	2	4	11.11	8.82	0.90	2.06	100.00	75.00
19. All Commodities	16	30	220	190	88.89	88.24	99.10	97.94	7.27	15.79
20. Tare Weight	2	4	2	4	11.11	11.76	0.90	2.06	100.00	100.00
21 Transhipment Incl tare Wt	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	**18**	**34**	**222**	**194**	100.00	100.00	100.00	100.00	**8.11**	**17.53**

Table 2.1.7 (Contd...)

Commodity-Wise Break-Up Of Container and General Cargo And Level Of Containerisation At Major Ports - Port-wise - 2000-01 & 2001-02

Commodities	General Cargo (000T) Container Cargo		Total General Cargo		% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
PORT : NEW MANGALORE										
UNLOADED										
1. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
2. Metal & Metal Products.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
3. Chemicals	Neg.	Neg.	Neg.	Neg.	0.00	0.00	0.00	0.00	100.00	100.00
4. Paper, Newsprints etc.	0	1	0	1	0.00	9.09	0.00	0.28	-	100.00
5. Plastic & its products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
6. Machinery/Instrument and Transport equipments.	Neg.	Neg.	Neg.	Neg.	0.00	0.00	0.00	0.00	#DIV/0!	100.00
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
8. Hair and wool	0	0	0	0	0.00	0.00	0.00	0.00	-	-
9. Rubber and its products.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
10.Oil, fats etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
11.Woodpulp.	1	0	14	15	16.67	0.00	3.93	4.26	7.14	0.00
12. Foodgrain (Cereals and Pulses)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
13.Fertiliser & FRM	0	0	0	0	0.00	0.00	0.00	0.00	-	-
14.Industrial Alcohol & Spirits (Non-potable)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
15.Drugs & Medicines	Neg.	neg.	Neg.	Neg.	0.00	0.00	0.00	0.00	-	-
16.Timber & Log	0	0	305	311	0.00	0.00	85.67	88.35	0.00	0.00
17.Others	3	6	33	21	50.00	54.55	9.27	5.97	9.09	28.57
a) Raw Cashew	3	5	3	5	50.00	45.45	0.84	1.42	100.00	100.00
b) Cement	0	0	30	15	0.00	0.00	8.43	4.26	0.00	0.00
c) Miscelleneous	Neg.	1	Neg.	1	0.00	9.09	0.00	0.28	100.00	100.00
18. All Commodities	4	7	354	348	66.67	63.64	99.44	98.86	1.13	2.01
19. Tare Weight	2	4	2	4	33.33	36.36	0.56	1.14	100.00	100.00
20 . Transhipmentincl. tare wt	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	**6**	**11**	**356**	**352**	100.00	100.00	100.00	100.00	**1.69**	3.13

Table 2.1.7 (Contd...)

Commodity-Wise Break-Up Of Container and General Cargo And Level Of Containerisation At Major Ports - Port-wise - 2000-01 & 2001-02

Commodities	General Cargo (000T) Container Cargo		Total General Cargo		% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
PORT : MORMUGAO										
LOADED										
1. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
2. Metal & Metal products	3	11	3	11	9.68	25.00	2.08	8.40	100.00	100.00
3. Tea & Coffee	0	0	0	0	0.00	0.00	0.00	0.00	-	-
4. Foodgrain (Cereals and Pulses)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
5. Marine products	0	Neg.	0	Neg.	0.00	0.00	0.00	0.00	-	100.00
6. Fodder	0	0	0	0	0.00	0.00	0.00	0.00	-	-
7. Fruits & Vegetables.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
8. Spices	0	0	0	0	0.00	0.00	0.00	0.00	-	-
9. Hossiery, Harberdasherry and Millinary.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
10. Machinery,Instruments Transport equipments.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
11.Drugs and Medicines.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
12.Dyes and Colours.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
13.Oil seeds,fats etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
14.Chemicals	4	4	4	4	12.90	9.09	2.78	3.05	100.00	100.00
15.Dry Fruits	0	1	0	1	0.00	2.27	0.00	0.76	-	100.00
16.Jute & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
17.Leather & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
18.Others	17	21	130	108	54.84	47.73	90.28	82.44	13.08	19.44
a) Frozen	10	7	10	7	32.26	15.91	6.94	5.34	100.00	100.00
b) Alumina	3	8	45	58	9.68	18.18	31.25	44.27	6.67	13.79
c) H. R. Coils	0	0	71	37	0.00	0.00	49.31	28.24	0.00	0.00
d). Miscelleneous	4	6	4	6	12.90	13.64	2.78	4.58	100.00	100.00
19. All Commodities	24	37	137	124	77.42	84.09	95.14	94.66	17.52	29.84
20. Tare Weight	7	7	7	7	22.58	15.91	4.86	5.34	100.00	100.00
21. Transhipment incl. tare wt	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	**31**	**44**	**144**	**131**	100.00	100.00	100.00	100.00	**21.53**	**33.59**

Table 2.1.7 (Contd...)

Commodity-Wise Break-Up Of Container and General Cargo And Level Of Containerisation At Major Ports - Port-wise - 2000-01 & 2001-02

Commodities	General Cargo (000T) Container Cargo		Total General Cargo		% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
PORT : MORMUGAO										
UNLOADED										
1. Iron & Steel	0	0	57	0	0.00	0.00	68.67	0.00	0.00	-
2. Metal & Metal Products.	0	3	0	3	0.00	11.54	0.00	10.71	-	100.00
3. Chemicals	2	2	2	2	7.69	7.69	2.41	7.14	100.00	100.00
4. Paper, Newsprints etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
5. Plastic & its products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
6. Machinery/Instrument and Transport equipments.	1	2	1	2	3.85	7.69	1.20	7.14	100.00	100.00
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	1	Neg.	1	Neg.	3.85	0.00	1.20	0.00	100.00	100.00
8. Hair and wool	0	0	0	0	0.00	0.00	0.00	0.00	-	-
9. Rubber and its products.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
10.Oil, fats etc.	0	1	0	1	0.00	3.85	0.00	3.57	-	100.00
11.Woodpulp.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
12. Foodgrain (Cereals and Pulses)	2	3	2	3	7.69	11.54	2.41	10.71	100.00	100.00
13.Fertiliser & FRM	0	0	0	0	0.00	0.00	0.00	0.00	-	-
14.Industrial Alcohol & Spirits (Non-potable)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
15.Drugs & Medicines	0	Neg.	0	Neg.	0.00	0.00	0.00	0.00	-	100.00
16.Timber & Log	0	Neg.	0	Neg.	0.00	0.00	0.00	0.00	-	100.00
17.Others	13	10	13	12	50.00	38.46	15.66	42.86	100.00	83.33
a). X Ray film & Products	4	2	4	2	15.38	7.69	4.82	7.14	100.00	100.00
b). H. R. Steel Plates	0	0	0	2	0.00	0.00	0.00	7.14	-	0.00
c) Miscelleneous	9	8	9	8	34.62	30.77	10.84	28.57	100.00	100.00
18. All Commodities	19	21	76	23	73.08	80.77	91.57	82.14	25.00	91.30
19. Tare Weight	7	5	7	5	26.92	19.23	8.43	17.86	100.00	100.00
20 . Transhipment incl. tare w	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	**26**	**26**	**83**	**28**	100.00	100.00	100.00	100.00	**31.33**	**92.86**

Table 2.1.7 (Contd...)

Commodity-Wise Break-Up Of Container and General Cargo And Level Of Containerisation At Major Ports - Port-wise - 2000-01 & 2001-02

Commodities	General Cargo (000T)				% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo							
	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
PORT : J. L. NEHRU(a)										
LOADED										
1. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
2. Metal & Metal products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
3. Tea & Coffee	0	0	0	0	0.00	0.00	0.00	0.00	-	-
4. Foodgrain (Cereals and Pulses)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
5. Marine products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
6. Fodder	0	0	0	0	0.00	0.00	0.00	0.00	-	-
7. Fruits & Vegetables.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
8. Spices	0	0	0	0	0.00	0.00	0.00	0.00	-	-
9. Hossiery, Harberdasherry and Millinary.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
10. Machinery,Instruments Transport equipments.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
11.Drugs and Medicines.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
12.Dyes and Colours.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
13.Oil seeds,fats etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
14.Chemicals	0	0	0	0	0.00	0.00	0.00	0.00	-	-
15.Dry Fruits	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16.Jute & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
17.Leather & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
18. Others	0	0	0	0	0.00	0.00	0.00	0.00	-	-
19. Cargo not classified	7224	8949	7252	9067	95.72	89.90	95.74	90.02	99.61	98.70
20. All Commodities	7224	8949	7252	9067	95.72	89.90	95.74	90.02	99.61	98.70
21. Tare Weight(b)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
22. Transhipment incl tare wt.	323	1005	323	1005	4.28	10.10	4.26	9.98	100.0	100.0
Grand Total	**7547**	**9954**	**7575**	**10072**	100.00	100.00	100.00	100.00	**99.63**	**98.83**

(a): Commodity-wise break-up of General cargo is not available. (b): Included in S.No. 19.

Table 2.1.7 (Contd...)

Commodity-Wise Break-Up Of Container and General Cargo And Level Of Containerisation At Major Ports - Port-wise - 2000-01 & 2001-02

Commodities	General Cargo (000T) Container Cargo		Total General Cargo		% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
PORT : J. L. NEHRU(a)										
UNLOADED										
1. Iron & Steel	0	0	0	0	0.00	0.00	0.00	0.00	-	-
2. Metal & Metal Products.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
3. Chemicals	0	0	0	0	0.00	0.00	0.00	0.00	-	-
4. Paper, Newsprints etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
5. Plastic & its products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
6. Machinery/Instrument and Transport equipments.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
8. Hair and wool	0	0	0	0	0.00	0.00	0.00	0.00	-	-
9. Rubber and its products.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
10.Oil, fats etc.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
11.Woodpulp.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
4. Foodgrain (Cereals and Pulses)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
13.Fertiliser & FRM	0	0	0	0	0.00	0.00	0.00	0.00	-	-
14.Industrial Alcohol & Spirits (Non-potable)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
15.Drugs & Medicines	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16.Timber & Log	0	0	0	0	0.00	0.00	0.00	0.00	-	-
17. Others	0	0	0	0	0.00	0.00	0.00	0.00	-	-
18. Cargo not classified	6393	7539	6397	7558	94.98	88.38	94.98	88.41	99.94	99.75
19. All Commodities	6393	7539	6397	7558	94.98	88.38	94.98	88.41	99.94	99.75
20. Tare Weight(b)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
21. Transhipment incl tare wt.	338	991	338	991	5.02	11.62	5.02	11.59	100.0	100.0
Grand Total	**6731**	**8530**	**6735**	**8549**	100.00	100.00	100.00	100.00	**99.94**	99.78

(a): Commodity-wse break-up of General cargo is not available. (b): Included in S.No. 18..

Table 2.1.7 (Contd...) Commodity-Wise Break-Up Of Container and General Cargo And Level Of Containerisation At Major Ports - Port-wise - 2000-01 & 2001-02

Commodities	General Cargo (000T)				% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	Container Cargo		Total General Cargo							
	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
PORT : KANDLA										
LOADED										
1. Textiles(Cotton,Silk, Synthetic)Yarn etc.	4	11	4	11	0.50	0.95	0.19	0.33	100.00	100.00
2. Metal & Metal products	3	2	3	2	0.37	0.17	0.14	0.06	100.00	100.00
3. Tea & Coffee	6	10	6	10	0.74	0.86	0.29	0.30	100.00	100.00
4. Foodgrain (Cereals and Pulses)	171	283	859	1822	21.22	24.31	40.87	53.86	19.91	15.53
5. Marine products	41	49	41	49	5.09	4.21	1.95	1.45	100.00	100.00
6. Fodder	1	3	4	4	0.12	0.26	0.19	0.12	25.00	75.00
7. Fruits & Vegetables.	8	11	8	11	0.99	0.95	0.38	0.33	100.00	100.00
8. Spices	13	20	0	20	1.61	1.72	0.00	0.59	100.00	100.00
9. Hossiery, Harberdasherry and Millinary.	26	42	26	42	3.23	3.61	1.24	1.24	100.00	100.00
10. Machinery,Instruments Transport equipments.	29	44	32	47	3.60	3.78	1.52	1.39	90.63	93.62
11.Drugs and Medicines.	22	25	22	25	2.73	2.15	1.05	0.74	100.00	100.00
12.Dyes and Colours.	12	19	12	19	1.49	1.63	0.57	0.56	100.00	100.00
13.Oil seeds,fats etc.	47	70	101	97	5.83	6.01	4.80	2.87	46.53	72.16
14.Chemicals	15	24	15	24	1.86	2.06	0.71	0.71	100.00	100.00
15.Dry Fruits	10	6	10	6	1.24	0.52	0.48	0.18	100.00	100.00
16.Jute & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
17.Leather & its Products	21	59	21	59	2.61	5.07	1.00	1.74	100.00	100.00
18.Others	280	354	828	1003	34.74	30.41	39.39	29.65	33.82	35.29
a) Ores	0	0	14	13	0.00	0.00	0.67	0.38	0.00	0.00
b) Salt	0	0	207	235	0.00	0.00	9.85	6.95	0.00	0.00
c). Iron & Steel	0	0	10	30	0.00	0.00	0.48	0.89	0.00	0.00
d). Miscelleneous	280	354	597	725	34.74	30.41	28.40	21.43	46.90	48.83
19. All Commodities	709	1032	2005	3251	87.97	88.66	95.39	96.10	35.36	31.74
20. Tare Weight	97	132	97	132	12.03	11.34	4.61	3.90	100.00	100.00
21. Transhipment incl. tare wt	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	**806**	**1164**	**2102**	**3383**	100.00	100.00	100.00	100.00	**38.34**	**34.41**

Table 2.1.7 (Contd...)

Commodity-Wise Break-Up Of Container and General Cargo And Level Of Containerisation At Major Ports - Port-wise - 2000-01 & 2001-02

Commodities	General Cargo (000T) Container Cargo		Total General Cargo		% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
PORT : KANDLA										
UNLOADED										
1. Iron & Steel	61	74	202	205	12.68	12.59	10.47	10.13	30.20	36.10
2. Metal & Metal Products.	3	1	3	1	0.62	0.17	0.16	0.05	100.00	100.00
3. Chemicals	2	5	2	5	0.42	0.85	0.10	0.25	100.00	100.00
4. Paper, Newsprints etc.	2	1	2	1	0.42	0.17	0.10	0.05	100.00	100.00
5. Plastic & its products	15	7	15	7	3.12	1.19	0.78	0.35	100.00	100.00
6. Machinery/Instrument and Transport equipments.	31	40	37	45	6.44	6.80	1.92	2.22	83.78	88.89
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	15	7	15	7	3.12	1.19	0.78	0.35	100.00	100.00
8. Hair and wool	2	2	2	2	0.42	0.34	0.10	0.10	100.00	100.00
9. Rubber and its products.	6	3	6	3	1.25	0.51	0.31	0.15	100.00	100.00
10.Oil, fats etc.	10	12	10	12	2.08	2.04	0.52	0.59	100.00	100.00
11.Woodpulp.	1	2	1	2	0.21	0.34	0.05	0.10	100.00	100.00
4. Foodgrain (Cereals and Pulses)	0	0	0	0	0.00	0.00	0.00	0.00	-	-
13.Fertiliser & FRM	0	0	0	0	0.00	0.00	0.00	0.00	-	-
14.Industrial Alcohol & Spirits (Non-potable)	3	5	3	5	0.62	0.85	0.16	0.25	100.00	100.00
15.Drugs & Medicines	9	8	9	8	1.87	1.36	0.47	0.40	100.00	100.00
16.Timber & Log	123	143	1425	1439	25.57	24.32	73.83	71.13	8.63	9.94
17.Others	96	138	96	141	19.96	23.47	4.97	6.97	100.00	97.87
a). Mislleneous	96	138	96	141	19.96	23.47	4.97	6.97	100.00	97.87
18. All Commodities	379	448	1828	1883	78.79	76.19	94.72	93.08	20.73	23.79
19. Tare Weight	102	140	102	140	21.21	23.81	5.28	6.92	100.00	100.00
20. Transhipment incl.tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	**481**	**588**	**1930**	**2023**	100.00	100.00	100.00	100.00	**24.92**	**29.07**

Table 2.1.7 (Contd...)

Commodity-Wise Break-Up Of Container and General Cargo And Level Of Containerisation At Major Ports - Port-wise - 2000-01 & 2001-02

Commodities	General Cargo (000T) Container Cargo		Total General Cargo		% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
PORT : MUMBAI										
LOADED										
1. Textiles(Cotton,Silk, Synthetic)Yarn etc.	76	28	76	30	4.30	2.36	2.43	1.05	100.00	93.33
2. Metal & Metal products	118	152	187	335	6.68	12.79	5.98	11.77	63.10	45.37
3. Tea & Coffee	8	0	8	0	0.45	0.00	0.26	0.00	100.00	-
4. Foodgrain (Cereals and Pulses)	103	62	299	201	5.83	5.22	9.56	7.06	34.45	30.85
5. Marine products	1	0	1	0	0.06	0.00	0.03	0.00	100.00	-
6. Fodder	83	163	331	337	4.70	13.72	10.59	11.84	25.08	48.37
7. Fruits & Vegetables.	76	19	140	123	4.30	1.60	4.48	4.32	54.29	15.45
8. Spices	23	6	28	11	1.30	0.51	0.90	0.39	82.14	54.55
9. Hossiery, Harberdasherry and Millinary.	37	31	37	34	2.10	2.61	1.18	1.19	100.00	91.18
10. Machinery,Instruments Transport equipments.	41	29	42	38	2.32	2.44	1.34	1.34	97.62	76.32
11.Drugs and Medicines.	37	14	37	16	2.10	1.18	1.18	0.56	100.00	87.50
12.Dyes and Colours.	1	2	1	2	0.06	0.17	0.03	0.07	100.00	100.00
13.Oil seeds,fats etc.	1	0	4	0	0.06	0.00	0.13	0.00	25.00	-
14.Chemicals	174	80	177	83	9.85	6.73	5.66	2.92	98.31	96.39
15.Dry Fruits	0	0	0	0	0.00	0.00	0.00	0.00	-	-
16.Jute & its Products	0	0	0	0	0.00	0.00	0.00	0.00	-	-
17.Leather & its Products	4	1	4	1	0.23	0.08	0.13	0.04	100.00	100.00
18.Others	718	425	1489	1459	40.66	35.77	47.63	51.26	48.22	29.13
a) Instrument	31	21	34	27	1.76	1.77	1.09	0.95	91.18	77.78
b) Paint etc.	22	0	22	0	1.25	0.00	0.70	0.00	100.00	-
c) Iron & Steel	192	88	914	758	10.87	7.41	29.24	26.63	21.01	11.61
d) Sugar	62	116	71	428	3.51	9.76	2.27	15.04	87.32	27.10
e) Miscellaneous	411	200	448	246	23.27	16.84	14.33	8.64	91.74	81.30
19. All Commodities	1501	1012	2861	2670	84.99	85.19	91.52	93.82	52.46	37.90
20. Tare Weight	265	176	265	176	15.01	14.81	8.48	6.18	100.00	100.00
21. Transhipment incl.tare wt.	0	0	0	0	0.00	0.00	0.00	0.00	-	-
Grand Total	**1766**	**1188**	**3126**	**2846**	100.00	100.00	100.00	100.00	**56.49**	**41.74**

Table 2.1.7 (Contd...)

Commodity-Wise Break-Up Of Container and General Cargo And Level Of Containerisation At Major Ports - Port-wise - 2000-01 & 2001-02

Commodities	General Cargo (000T) Container Cargo		Total General Cargo		% Share of Commodities in Total Container Cargo		% Share of Commodities in Total General Cargo		Level of Containerisation % of Containerisation to General Cargo	
	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
PORT : MUMBAI										
UNLOADED										
1. Iron & Steel	43	45	673	283	1.66	1.80	13.24	5.74	6.39	15.90
2. Metal & Metal Products.	121	162	534	771	4.66	6.49	10.50	15.64	22.66	21.01
3. Chemicals	311	208	323	232	11.97	8.33	6.35	4.71	96.28	89.66
4. Paper, Newsprints etc.	94	25	137	37	3.62	1.00	2.69	0.75	68.61	67.57
5. Plastic & its products	100	55	100	56	3.85	2.20	1.97	1.14	100.00	98.21
6. Machinery/Instrument and Transport equipments.	90	89	140	143	3.46	3.57	2.75	2.90	64.29	62.24
7. Textiles(Cotton,Silk, Synthetic)Yarn etc.	88	43	88	43	3.39	1.72	1.73	0.87	100.00	100.00
8. Hair and wool	1	0	1	0	0.04	0.00	0.02	0.00	100.00	-
9. Rubber and its products.	47	1	49	1	1.81	0.04	0.96	0.02	95.92	100.00
10.Oil, fats etc.	0	33	0	33	0.00	1.32	0.00	0.67	-	100.00
11.Woodpulp.	28	20	142	68	1.08	0.80	2.79	1.38	19.72	29.41
4. Foodgrain (Cereals and Pulses)	259	503	1043	1782	9.97	20.15	20.51	36.15	24.83	28.23
13.Fertiliser & FRM	0	0	0	0	0.00	0.00	0.00	0.00	-	-
14.Industrial Alcohol & Spirits (Non-potable)	0	0	0	5	0.00	0.00	0.00	0.10	-	0.00
15.Drugs & Medicines	5	5	5	5	0.19	0.20	0.10	0.10	100.00	100.00
16.Timber & Log	114	84	247	177	4.39	3.37	4.86	3.59	46.15	47.46
17.Others	898	853	1200	923	34.57	34.17	23.60	18.72	74.83	92.42
a) Fruits	140	124	177	174	5.39	4.97	3.48	3.53	79.10	71.26
b) Synthetic Resin	78	92	78	92	3.00	3.69	1.53	1.87	100.00	100.00
c) Miscellaneous	680	637	945	657	26.17	25.52	18.58	13.33	71.96	96.96
18. All Commodities	2199	2126	4682	4559	84.64	85.18	92.07	92.47	46.97	46.63
19. Tare Weight	393	350	393	350	15.13	14.02	7.73	7.10	100.00	100.00
20.Transhipment incl.tare wt.	6	20	10	21	0.23	0.80	0.20	0.43	60.0	95.24
Grand Total	**2598**	**2496**	**5085**	**4930**	100.00	100.00	100.00	100.00	**51.09**	**50.63**

Table 2.1.8

Overseas Cargo Unloaded by Country/Port of Origin (Port-wise and Commodity-wise) - 2000-01 & 2001-02

In '000 Tonnes

Country of Origin/Commodities	Year	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15
ALL COMMODITIES															
	2000-01	***4695***	***15559***	***6015***	***16407***	***0***	***13187***	***3654***	***6278***	***8227***	***2558***	***9120***	***12881***	***26704***	***125285***
	2001-02	***3574***	***17123***	***5742***	***18033***	***0***	***12682***	***4094***	***5815***	***7324***	***3564***	***11174***	***13774***	***26434***	***129333***
Angola	2000-01													1409	1409
	2001-02				201									158	359
Australia	2000-01	135	3982	1556	5005	0	0	281	0	17	528	0	94	124	11722
	2001-02	161	3861	1264	5548	0	77	447	0	0	638	0	53	125	12174
Bahrain	2000-01	0	0	89	20	0	0	2	0	16	44	0	21	306	498
	2001-02	0	0	14	7	0	0	0	0	9	0	0	42	197	269
Brazil	2000-01	0	0	0	0	0	0	0	0	0	0	0	11	85	96
	2001-02	0	0	0	0	0	10	0	0	0	0	138	0	169	317
Canada	2000-01	0	89	0	119	0	0	0	6	14	0	0	204	15	447
	2001-02	0	167	0	114	0	5	0	0	15	15	30	238	20	604
China	2000-01	0	0	1746	1165	0	0	157	108	579	739	0	0	321	4815
	2001-02	0	0	2093	621	0	669	55	0	272	616	0	0	142	4468
CIS(Ex. Russia)	2000-01	18	172	0	0	0	305	0	0	0	0	0	0	0	495
	2001-02	16	17	0	0	0	347	0	0	0	0	0	0	0	380
Egypt	2000-01	0	0	0	29	0	0	0	0	0	0	0	22	135	186
	2001-02	0	0	41	428	0	41	0	0	362	0	0	0	0	872
Iran	2000-01	0	0	180	75	0	140	0	3690	3008	93	0	133	632	7951
	2001-02	928	0	265	37	0	50	0	3015	3155	192	29	226	544	8441
Iraq	2000-01				60		0			0				603	663
	2001-02				0		89			134				413	636
Israel	2000-01	0	0	26	32	0	0	0	21	49	54	0	0	199	381
	2001-02	0	0	0	42	0	0	14	0	24	53	71	0	286	490
Japan	2000-01	44	0	0	131	0	0	0	0	0	99	0	191	85	550
	2001-02	29	0	28	144	0	119	0	0	2	107	0	64	102	595
Jordan	2000-01	0	0	251	151	0	0	322	238	114	58	0	144	120	1398
	2001-02	0	0	416	205	0	0	449	0	155	144	121	43	141	1674
Korea	2000-01	0	0	85	115	0	0	0	0	0	0	0	32	75	307
	2001-02	0	0	98	33	0	0	0	0	0	1	0	17	74	223
Kuwait	2000-01	0	0	212	1423	0	0	0	325	85	27	0	1539	5080	8691
	2001-02	0	0	107	963	0	0	0	0	124	37	0	1627	6012	8870
Liberia	2000-01	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2001-02	0	0	0	318	0	0	0	0	0	0	0	119	0	437
Malaysia	2000-01	0	0	25	388	0	842	251	72	339	1	0	362	751	3031
	2001-02	0	0	32	1148	0	517	230	13	79	2	99	131	945	3196
Myanmar	2000-01	115	0	0	53	0	0	52	0	184	0	0	267	89	760
	2001-02	61	0	0	24	0	24	109	0	151	0	0	388	38	795
New Zealand	2000-01	0	0	78	74	0	0	0	0	0	0	0	0	402	554
	2001-02	0	0	84	122	0	0	0	0	30	0	0	0	271	507
Nigeria	2000-01	0	0	0	2648	0	0	0	0	212	0	0	0	2778	5638
	2001-02	0	0	0	2191	0	131	0	0	4	0	0	413	5692	8431
Qatar	2000-01	0	0	67	21	0	0	0	0	29	0	0	0	958	1075
	2001-02	0	0	55	45	0	0	0	0	209	5	0	0	705	1019
Russia	2000-01	14	22	0	554	0	0	110	0	0	56	0	228	245	1229
	2001-02	0	23	0	498	0	0	219	0	27	1	21	66	208	1063
Saudi Arabia	2000-01	0	0	327	1173	0	0	0	93	516	17	0	2480	952	5558
	2001-02	0	0	441	1640	0	0	0	0	344	0	142	3852	1054	7473
Senegal	2000-01	0	0	0	202	0	0	0	0	0	0	0	0	0	202
	2001-02	0	0	0	283	0	0	0	0	0	0	0	0	652	935
Singapore	2000-01	0	0	79	173	0	375	36	4	5	1	0	181	69	923
	2001-02	0	0	158	135	0	509	31	82	11	11	87	61	138	1223
South Africa	2000-01	0	0	0	41	0	0	188	74	9	431	0	99	512	1354
	2001-02	0	0	0	48	0	0	69	0	0	1233	0	44	470	1864
Germeny	2000-01	1	0	0	1	0	31	82	5	2	1	0	83	38	244
	2001-02	0	0	0	65	0	5	0	3	0	1	643	51	8	776
Holland	2000-01	0	0	0	1	0	0	0	2	3	0	0	0	145	151
	2001-02	0	0	1	11	0	0	0	0	1	0	0	0	60	73
France	2000-01	5	0	0	0	0	0	16	0	0	1	0	0	52	74
	2001-02	15	0	0	0	0	3	10	0	0	14	0	51	24	117
U.A.E.	2000-01	0	0	517	1587	0	0	328	97	693	177	0	906	6938	11243
	2001-02	0	0	351	2165	0	0	315	0	798	215	101	413	4849	9207
United Kingdom	2000-01	182	24	0	66	0	0	0	60	0	1	0	21	326	680
	2001-02	131	76	22	6	0	178	0	0	0	1	0	0	602	1016
Ukraine	2000-01	0	0	111	0	0	0	234	0	5	22	0	0	49	421
	2001-02	0	0	0	0	0	0	130	0	5	2	51	0	3	191

Table 2.1.8 (Contd...)

Overseas Cargo Unloaded by Country/Port of Origin (Port-wise and Commodity-wise) - 2000-01 & 2001-02

(In '000 Tonnes)

Country of Origin/Commodities	Year	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15
ALL COMMODITIES (Contd..)															
USA	2000-01	409	252	30	212	0	34	108	20	3	3	0	21	240	1332
	2001-02	256	282	66	318	0	153	0	74	3	18	91	32	276	1569
Venezuela	2000-01													343	343
	2001-02	0	0	0	0	0	0	0	0	0	0	0	0	163	163
Yemen	2000-01	0	0	0	160	0	0	0	0	1335	0	0	0	0	1495
	2001-02	0	0	0	72	0	0	0	0	195	0	44	0	0	311
Indonesia	2000-01	0	0	29	250	0	100	440	40	81	52	0	324	581	1897
	2001-02	0	0	41	245	0	1387	697	8	767	0	50	522	601	4318
Sri Lanka	2000-01	0	0	8	0	0	4	0	1	0	0	0	0	97	110
	2001-02	0	0	3	0	0	1	0	0	0	0	0	0	111	115
Bangladesh	2000-01	0	0	0	27	0	6	0	12	0	0	0	0	0	45
	2001-02	0	0	85	13	0	1	0	0	16	0	0	0	0	115
Pakistan	2000-01	0	0	0	0	0	0	0	0	0	0	0	11	0	11
	2001-02	0	0	0	0	0	1	0	0	0	0	0	0	7	8
Other Asian Countries	2000-01	2602	7701	43	335	0	3754	44	30	679	1	0	0	303	15492
	2001-02	1112	8709	0	211	0	4686	86	25	262	1	0	13	321	15426
Other African Countries	2000-01	820	600	530	33	0	14	163	182	243	139	0	0	537	3261
	2001-02	585	616	66	99	0	216	95	357	166	254	287	0	407	3148
Other European Countries	2000-01	84	2713	0	27	0	0	54	1	0	13	0	0	72	2964
	2001-02	88	3360	7	17	0	250	36	653	0	3	105	20	247	4786
Other South American Countries	2000-01	46	2	0	53	0	129	151	0	4	0	0	52	97	534
	2001-02	36	6	0	15	0	41	176	345	0	0	1277	10	161	2067
Other Countries	2000-01	220	2	26	3	0	7453	635	1197	3	0	9120	5455	941	25055
	2001-02	156	6	4	1	0	3172	926	1240	4	0	7787	5278	38	18612
POL-CRUDE	2000-01	0	6376	0	3018	0	3825	0	4306	6379	0	0	5535	15794	45233
	2001-02	0	7287	0	3783	0	4297	0	3798	5557	0	0	6875	17144	48741
Angola	2000-01				0									1409	1409
	2001-02				201									158	359
Egypt	2000-01				0					0				135	135
	2001-02				428					362				0	790
Libya	2000-01				0										0
	2001-02				318										318
Kuwait	2000-01				946				293				1426	4467	7132
	2001-02				686				0				1627	5613	7926
Nigeria	2000-01				1357		0			211			0	1753	3321
	2001-02				992		128			0			413	5038	6571
S.Arabia	2000-01				70					83			2316	859	3328
	2001-02				362					0			3729	943	5034
U. A. E.	2000-01				204					511			713	5016	6444
	2001-02				727					602			413	4285	6027
Yaman	2000-01				160					1325					1485
	2001-02				69					180					249
Iraq	2000-01				60		0			0				603	663
	2001-02				0		89			134				413	636
Dubai	2000-01				160										160
	2001-02				0										0
Iran	2000-01				0		127		3690	2988			133	158	7096
	2001-02				0		0	0	3000	3143			199	169	6511
Indonesia	2000-01									0					0
	2001-02									627					627
China	2000-01									346					346
	2001-02									65					65
Quatar	2000-01									0				522	522
	2001-02									188				362	550
Syria	2000-01									434					434
	2001-02									0					0
Venezuela	2000-01													343	343
	2001-02													163	163
Panama	2000-01								0						0
	2001-02								179						179
Malta	2000-01								0						0
	2001-02								415						415

Table 2.1.8 (Contd...)

Overseas Cargo Unloaded by Country/Port of Origin (Port-wise and Commodity-wise) - 2000-01 & 2001-02

(In '000 Tonnes)

Country of Origin/Commodities	Year	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL-CRUDE (Contd...)															
Africa	2000-01		97				0							282	379
	2001-02		146				60							0	206
West Asia	2000-01	0	2639	0	0	0	3023	0	0	0	0	0	0	247	5909
	2001-02	0	3206	0	0	0	3961	0	0	0	0	0	0	0	7167
East Europe	2000-01		2561												2561
	2001-02		2915												2915
East Asia	2000-01	0	925	0	0	0	675	0	0	481	0	0	109	0	2190
	2001-02	0	1020	0	0	0	59	0	0	256	0	0	0	0	1335
CIS	2000-01		154												154
	2001-02		0												0
Other Countries	2000-01	0	0	0	61	0	0	0	323	0	0	0	838	0	1222
	2001-02	0	0	0	0	0	0	0	204	0	0	0	494	0	698
POL-PRODUCT	2000-01	12	2085	431	335	0	271	87	85	597	133	912	1451	320	6719
	2001-02	67	2188	251	31	0	34	71	187	560	188	551	1212	401	5741
Baharain	2000-01			09	0					2			0	0	91
	2001-02			14	7					9			35	108	173
Kuwait	2000-01			153	88				24	78			113	114	570
	2001-02			66	5				0	119			0	15	205
Saudi Arabia	2000-01			21	55					415	12		164	17	684
	2001-02			0	6					260	0		123	0	389
Singapore	2000-01			79	40		58	14	0	2		0	166		359
	2001-02			94	10		10	15	19	8		87	59		302
Iran	2000-01			52	19		13				5	0		28	117
	2001-02			26	0		0				0	29		65	120
U.A.E.	2000-01			0	96			61	6	88	116	0	102	160	629
	2001-02			14	0			56	0	139	188	101	0	198	696
Indonesia	2000-01									0			94		94
	2001-02									6			305		311
East Asia	2000-01		273				0								273
	2001-02		386				2								388
West Asia	2000-01	7	1812	0	0	0	197	0	0	10	0	0	0	0	2026
	2001-02	37	1802	0	3	0	22	0	0	15	0	44	0	7	1930
Far East	2000-01	5	0	0	2	0	0	0	0	0	0	0	0	0	7
	2001-02	30	0	0	0	0	0	0	0	1	0	0	0	0	31
USA	2000-01											0	0		0
	2001-02											91	28		119
Libea	2000-01												0		0
	2001-02												119		119
Other Countries	2000-01	0	0	37	35	0	3	12	55	2	0	912	812	1	1869
	2001-02	0	0	37	0	0	0	0	168	3	0	199	543	8	958
EDIBLE OIL	2000-01	451	291	20	10	0	713	29	106	141	0	802	747	389	3699
	2001-02	407	263	12	7	0	622	50	75	69	0	908	507	371	3291
Indonesia	2000-01			19	4		100		30	37		0	230	10	430
	2001-02			4	7		181		8	11		50	217	5	483
Malaysia	2000-01			1	6		412	29	72	100		0	362	120	1102
	2001-02			0	0		345	47	0	58		85	130	30	695
Argentina	2000-01						129			4		0	52	97	282
	2001-02						10			0		562	10	144	726
Brazil	2000-01											0	11	75	86
	2001-02											138	0	169	307
Far East	2000-01	377													377
	2001-02	351													351
Other American Countries	2000-01	38													38
	2001-02	30													30
Africa	2000-01	0													0
	2001-02	9													9
East Asia	2000-01		291												291
	2001-02		263												263
Holand	2000-01													31	31
	2001-02													0	0
Other Countries	2000-01	36	0	0	0	0	72	0	4	0	0	802	92	56	1062
	2001-02	17	0	8	0	0	86	3	67	0	0	73	150	23	427

Table 2.18 (Contd...)

Overseas Cargo Unloaded by Country/Port of Origin (Port-wise and Commodity-wise) - 2000-01 & 2001-02

(In '000 Tonnes)

Country of Origin/Commodities	Year	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15
OTHER LIQUID	2000-01	21	494	0	256	0	8	99	0	31	22	167	0	1206	2304
	2001-02	3	462	0	201	0	8	124	0	36	15	155	0	1283	2287
China	2000-01				5										5
	2001-02				53										53
Italy	2000-01				20			0						23	43
	2001-02				9			7						49	65
Indonesia	2000-01			0	2			4		10	12			417	445
	2001-02			0	11			2		12	0			421	446
Malaysia	2000-01				0		0	16				0		209	225
	2001-02				11		4	15				14		253	297
Saudi Arabia	2000-01				35					6	5	0		9	55
	2001-02				45					9	0	62		61	177
Korea	2000-01				33									41	74
	2001-02				13									47	60
Singapore	2000-01				21		0	0		2	0			62	85
	2001 02				10		4	7		3	10			129	163
Taiwan	2000-01				41			11						4	56
	2001-02				43			5						12	60
U.A.E.	2000-01				4			35						36	75
	2001-02				6			71						0	77
Iran	2000-01				10					5				28	43
	2001-02				0					6				43	49
USA	2000-01		226		10			17		3				123	379
	2001-02		190		0			0		3				43	236
Japan	2000-01	5			75					0	5			1	86
	2001-02	0			0					2	5			16	23
Holland	2000-01									3				114	117
	2001-02									1				60	61
South Arfica	2000-01													37	37
	2001-02													69	69
East Asia	2000-01		268												268
	2001-02		186												186
West Asia	2000-01		0												0
	2001-02		86												86
Israel	2000-01											0			0
	2001-02											71			71
Other Countries	2000-01	16	0	0	0	0	8	16	0	2	0	167	0	102	311
	2001-02	3	0	0	0	0	0	17	0	0	0	8	0	80	108
IRON ORE	2000-01	0	0	0	0	0	0	0	0	0	44	0	0	0	44
	2001-02	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bahrain	2000-01										44				44
	2001-02										0				0
OTHER ORES	2000-01	0	0	0	1	0	43	410	0	0	0	0	0	56	510
	2001-02	0	0	0	0	0	21	544	0	0	0	0	11	47	623
China	2000-01				1			7							8
	2001-02				0			2							2
Australia	2000-01							249						21	270
	2001-02							348						37	385
Peru	2000-01							54						0	54
	2001-02							31						10	41
Chile	2000-01							89							89
	2001-02							131							131
Other Countries	2000-01	0	0	0	0	0	43	11	0	0	0	0	0	35	89
	2001-02	0	0	0	0	0	21	32	0	0	0	0	11	0	64
FERTILISER	2000-01	1	202	0	829	0	459	332	28	198	124	246	115	471	3005
	2001-02	1	264	0	986	0	459	284	107	248	159	265	2	611	3386
Canada	2000-01		40		100										140
	2001-02		104		78										182
Germany	2000-01				0		31	82				0			113
	2001-02				61		0	0				26			87
Gibraltar	2000-01				0										0
	2001-02				2										2
Israel	2000-01				30			0		49	54			43	176
	2001-02				42			14		24	15			29	124
Jordan	2000-01				63			16	28	114	58	0	30	94	403
	2001-02				127			25	0	155	144	53	0	113	617

Table 2.1.8 (Contd...)

Overseas Cargo Unloaded by Country/Port of Origin (Port-wise and Commodity-wise) - 2000-01 & 2001-02

(In '000 Tonnes)

Country of Origin/Commodities	Year	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15
FERTILISER (Contd...)															
USA	2000-01		12		24		34	91						24	185
	2001-02		13		131		27	0						182	353
Russia	2000-01				538			110			12	0		166	826
	2001-02				490			219			0	21		184	914
East Asia	2000-01		124												124
	2001-02		134												134
CIS	2000-01		15				286								301
	2001-02		0				301								301
West Asia	2000-01						108								108
	2001-02						106								106
Middle East	2000-01	0													0
	2001-02	1													1
Other Countries	2000-01	1	11	0	74	0	0	33	0	35	0	246	85	144	629
	2001-02	0	13	0	55	0	25	26	107	69	0	165	2	103	565
FRM-DRY	2000-01	0	457	2651	696	0	466	417	459	8	0	148	619	255	6176
	2001-02	0	390	2848	666	0	351	495	441	15	0	68	688	265	6227
China	2000-01			1489	41			13							1543
	2001-02			1706	55			0							1761
Nauru	2000-01				79										79
	2001-02				77										77
Jordan	2000-01			251	88			306	210			0	114	26	995
	2001-02			416	78			424	0			68	43	28	1057
Senegal	2000-01				202										202
	2001-02				283										283
South Africa	2000-01				32								99		131
	2001-02				18								15		33
Iran	2000-01			104	28		0						0	46	178
	2001-02			187	30		40						8	69	334
Qatar	2000-01			0	12					0				67	79
	2001-02			22	18					4				22	66
Kuwait	2000-01			59	36					0				13	108
	2001-02			30	34					5				12	81
U.A.E.	2000-01			228	8			98	91	8			91	88	612
	2001-02			69	35			71	0	0			0	108	283
Egypt	2000-01			0	29		0						22		51
	2001-02			41	0		38						0		79
Morocco	2000-01			192	14										206
	2001-02			0	0										0
Saudi Arabia	2000-01			148	31				93	0				15	287
	2001-02			317	0				0	6				0	323
Zenjia	2000-01			79											79
	2001-02			0											0
Ukraine	2000-01			61											61
	2001-02			0											0
Africa	2000-01		89				14		0						103
	2001-02		85				14		54						153
West Asia	2000-01		351				426								777
	2001-02		300				259								559
East Asia	2000-01		0												0
	2001-02		5												5
West Europe	2000-01		17												17
	2001-02		0												0
CIS	2000-01						19								19
	2001-02						0								0
Other Countries	2000-01	0	0	40	96	0	7	0	65	0	0	148	293	0	649
	2001-02	0	0	60	38	0	0	0	387	0	0	0	622	26	1133
FRM-LIQUID	2000-01	0	579	718	211	0	248	467	135	244	138	0	0	1433	4173
	2001-02	0	567	573	367	0	182	281	98	183	274	0	0	1864	4389
USA	2000-01		8		0									67	75
	2001-02		24		11									51	86
South Africa	2000-01				9			21						175	205
	2001-02				30			20						183	233
Japan	2000-01				50										50
	2001-02				100										100
U.A.E.	2000-01			21	38			134		8	0			0	201
	2001-02			101	10			117		6	10			72	316

Table 2.1.8 (Contd...)

Overseas Cargo Unloaded by Country/Port of Origin (Port-wise and Commodity-wise) - 2000-01 & 2001-02

(In '000 Tonnes)

Country of Origin/Commodities	Year	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15
FRM-LIQUID (Contd...)															
Qatar	2000-01			67	9					29	0			20	125
	2001-02			33	6					17	5			69	130
Indonesia	2000-01			10	60										70
	2001-02			37	86										123
Saudi Arabia	2000-01			158	3					7				52	220
	2001-02			124	13					41				50	228
Korea	2000-01			75	0										75
	2001-02			86	0										86
Morocco	2000-01			238				8		163	138			12	559
	2001-02			50				11		113	254			212	640
Senegal	2000-01													0	0
	2001-02													645	645
Israel	2000-01								21					156	177
	2001-02								0					257	257
Tunisia	2000-01			21				70	32					144	267
	2001-02			16				5	0					123	144
Ukraine	2000-01			50				234						11	295
	2001-02			0				104						0	104
West Asia	2000-01		0				0								0
	2001-02		37				161								198
Africa	2000-01		414												414
	2001-02		385												385
East Asia	2000-01		157												157
	2001-02		121												121
Other Countries	2000-01	0	0	78	42	0	248	0	82	37	0	0	0	796	1283
	2001-02	0	0	126	111	0	21	24	98	6	5	0	0	202	593
FOOD GRAIN	2000-01	0	21	0	4	0	0	18	0	0	0	0	944	86	1073
	2001-02	0	54	0	108	0	0	75	0	0	0	30	1597	0	1864
Australia	2000-01		21		0		0	16					79		116
	2001-02		34		22		0	58					53		167
Canada	2000-01		0		0		0					0	204		204
	2001-02		13		35		0					30	238		316
China	2000-01				0									86	86
	2001-02				13									0	13
Myanmar	2000-01							2					267		269
	2001-02							6					388		394
France	2000-01												0		0
	2001-02												48		48
Other Countries	2000-01	0	0	0	4	0	0	0	0	0	0	0	394	0	398
	2001-02	0	7	0	38	0	0	11	0	0	0	0	870	0	926
COAL (THERMAL)	2000-01	0	0	0	0	0	0	0	176	0	420	0	0	0	596
	2001-02	0	0	0	0	0	0	0	92	0	0	0	0	0	92
Indonesia	2000-01										38				38
	2001-02										0				0
South Africa	2000-01								74		299				373
	2001-02								0		0				0
Australia	2000-01										83				83
	2001-02										0				0
Liberia	2000-01								0						0
	2001-02								23						23
Malta	2000-01								0						0
	2001-02								30						30
China	2000-01								102						102
	2001-02								0						0
Other Countries	2000-01								0						0
	2001-02								39						39
COAL (COKING)	2000-01	0	3982	1691	4730	0	631	0	0	220	892	0	0	0	12146
	2001-02	0	3977	1424	5691	0	610	0	0	233	2018	0	0	0	13953
China	2000-01			46	0		0			203	271				520
	2001-02			76	45		441			207	109				878
Australia	2000-01		3958	1556	4636					17	445				10612
	2001-02		3812	1264	5525					0	638				11239
New Zealand	2000-01			78	74										152
	2001-02			84	121										205
South Africa	2000-01										132				132
	2001-02										1233				1233

Table 2.1.8 (Contd...)

Overseas Cargo Unloaded by Country/Port of Origin (Port-wise and Commodity-wise) - 2000-01 & 2001-02

(In '000 Tonnes)

Country of Origin/Commodities	Year	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15
COAL (COKING) (Contd...)															
East Asia	2000-01		0				0								0
	2001-02		165				36								201
West Asia	2000-01						0								0
	2001-02						28								28
Other Countries	2000-01	0	24	11	20	0	631	0	0	0	44	0	0	0	730
	2001-02	0	0	0	0	0	105	0	0	26	38	0	0	0	169
COAL (OTHERS)	2000-01	0	0	0	1060	0	2501	577	0	0	565	0	0	624	5327
	2001-02	0	0	0	369	0	1852	649	0	0	657	0	0	381	3908
China	2000-01				1006		0	137			466			224	1833
	2001-02				324		206	32			504			126	1192
Japan	2000-01				0						48				48
	2001-02				31						100				131
Indonesia	2000-01				43		0	304						0	347
	2001-02				0		1146	576						10	1732
Australia	2000-01						0	11						74	85
	2001-02						75	41						63	179
South Africa	2000-01							85						278	363
	2001-02							0						182	182
Africa	2000-01						0								0
	2001-02						73								73
Singapore	2000-01						0								0
	2001-02						297								297
Other Countries	2000-01	0	0	0	11	0	2501	40	0	0	51	0	0	48	2651
	2001-02	0	0	0	14	0	55	0	0	0	53	0	0	0	122
IRON (SCRAP)	2000-01	0	22	0	0	0	182	0	26	0	0	0	0	398	628
	2001-02	0	86	22	0	0	636	8	191	0	0	0	0	650	1593
UK	2000-01		22	0			0		26					320	368
	2001-02		48	22			174		0					594	838
Panama	2000-01								0						0
	2001-02								76						76
CIS	2000-01						0								0
	2001-02						28								28
Europe	2000-01		0											0	0
	2001-02		16											45	61
Russia	2000-01													31	31
	2001-02													0	0
Scandinavian	2000-01						0								0
	2001-02						149								149
West Europe	2000-01						0								0
	2001-02						25								25
Other Countries	2000-01	0	0	0	0	0	182	0	0	0	0	0	0	47	229
	2001-02	0	22	0	0	0	260	8	115	0	0	0	0	11	416
IRON & STEEL	2000-01	56	53	0	11	0	270	0	39	0	57	0	1072	141	1699
	2001-02	32	35	0	28	0	169	0	117	0	0	0	896	122	1399
Japan	2000-01	11			0		0						72	79	162
	2001-02	9			8		22						64	82	185
Korea	2000-01				7								28	34	69
	2001-02				16								15	27	58
Russia	2000-01	14			4						20		228		266
	2001-02	0			2						0		65		67
Germany	2000-01						0						73		73
	2001-02						1						44		45
East Asia	2000-01		50				0								50
	2001-02		35				15								50
West Asia	2000-01						0								0
	2001-02						19								19
South Africa	2000-01												0		0
	2001-02												29		29
Other Countries	2000-01	31	3	0	0	0	270	0	39	0	37	0	671	28	1079
	2001-02	23	0	0	2	0	112	0	117	0	0	0	679	13	946
SALT	2000-01	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2001-02	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malta	2000-01								0						0
	2001-02								0						0

Table 2.1.8 (Contd...)

Overseas Cargo Unloaded by Country/Port of Origin (Port-wise and Commodity-wise) - 2000-01 & 2001-02

(In '000 Tonnes)

Country of Origin/Commodities	Year	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15
TIMBER & LOGS	2000-01	269	34	0	108	0	35	473	0	305	0	0	0	1296	2520
	2001-02	285	93	0	100	0	73	461	0	311	0	0	0	1299	2622
Myanmar	2000-01	115			53		0	50		184				89	491
	2001-02	60			24		24	103		151				38	400
Indonesia	2000-01				19		0	130		34				145	328
	2001-02				21		10	98		111				165	405
Malaysia	2000-01				28		0	159		0				422	609
	2001-02				55		30	168		18				660	931
China	2000-01				3									0	3
	2001-02				0									5	5
East Africa	2000-01				5										5
	2001-02				0										0
Gabon	2000-01							12		37					49
	2001-02							0		14					14
Ivory Coast	2000-01									41				32	73
	2001-02									12				35	47
Sabah	2000-01									0					0
	2001-02									5					5
South Africa	2000-01							49		9				21	79
	2001-02							49		0				31	80
Australia	2000-01													26	26
	2001-02													25	25
Sarvak	2000-01							5						0	5
	2001-02							0						14	14
Newzeland	2000-01													384	384
	2001-02													271	271
Singapore	2000-01							22						7	29
	2001-02							6						5	11
Soloman Island	2000-01							7						33	40
	2001-02							0						10	10
West Africa	2000-01													0	0
	2001-02													22	22
Thailand	2000-01							16							16
	2001-02							23							23
South America	2000-01							4							4
	2001-02							0							0
Africa	2000-01						0								0
	2001-02						6								6
Far East	2000-01	154													154
	2001-02	225													225
East Asia	2000-01		34												34
	2001-02		93												93
Other Countries	2000-01	0	0	0	0	0	35	19	0	0	0	0	0	137	191
	2001-02	0	0	0	0	0	3	14	0	0	0	0	0	18	35
CHEMICALS	2000-01	0	0	0	0	0	137	0	11	0	0	0	0	0	148
	2001-02	0	0	0	0	0	119	32	37	0	0	0	0	0	188
Morocco	2000-01										0				0
	2001-02										0				0
Chaina	2000-01						0	0							0
	2001-02						3	21							24
Romania	2000-01							0							0
	2001-02							11							11
Iran	2000-01								0						0
	2001-02								15						15
Malaysia	2000-01						0		0						0
	2001-02						2		13						15
Kenya	2000-01								1						1
	2001-02								0						0
Holland	2000-01								2						2
	2001-02								0						0
USA	2000-01						0								0
	2001-02						46								46
East Europe	2000-01						0								0
	2001-02						12								12
Tanzania	2000-01						0								0
	2001-02						18								18

Table 2.1.8 (Contd...)

Overseas Cargo Unloaded by Country/Port of Origin (Port-wise and Commodity-wise) - 2000-01 & 2001-02

(In '000 Tonnes)

Country of Origin/Commodities	Year	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15
CHEMICALS (Contd...)															
Africa	2000-01						0								0
	2001-02						8								8
Sinagapore	2000-01						0								0
	2001-02						24								24
West Asia	2000-01						0								0
	2001-02						6								6
Other Countries	2000-01						137		8						145
	2001-02						0		9						9
TEA & COFFEE	2000-01	0	0	0	0	0	0	0	9	0	0	0	0	0	9
	2001-02	0	0	0	0	0	0	0	13	0	0	0	0	0	13
Indonesia	2000-01								5						5
	2001-02								0						0
Vietnam	2000-01								2						2
	2001-02								0						0
Sri Lanka	2000-01								1						1
	2001-02								0						0
Other Countries	2000-01								1						1
	2001-02								13						13
MACHINERY	2000-01	0	0	0	0	0	47	0	3	1	0	0	144	6	201
	2001-02	0	0	7	0	0	45	0	5	0	0	0	143	4	204
Singapore	2000-01						0		0	1	0				1
	2001-02						3		1	0	0				4
Japan	2000-01						0						10	5	15
	2001-02						2						0	4	6
Antigua	2000-01								0						0
	2001-02								1						1
Belgium	2000-01						0		1					1	2
	2001-02						15		0					0	15
Malta	2000-01			0											0
	2001-02			7											7
USA	2000-01						0						5		5
	2001-02						2						4		6
CIS	2000-01						0								0
	2001-02						3								3
Germeny	2000-01						0						10		10
	2001-02						4						7		11
UK	2000-01						0								0
	2001-02						2								2
Polland	2000-01						0								0
	2001-02						1								1
Indonesia	2000-01						0								0
	2001-02						1								1
Pakistan	2000-01						0								0
	2001-02						1								1
Bangladesh	2000-01						0								0
	2001-02						1								1
East Asia	2000-01						0								0
	2001-02						8								8
West Asia	2000-01						0								0
	2001-02						2								2
Korea	2000-01												4		4
	2001-02												2		2
Italy	2000-01												0		0
	2001-02												1		1
Russia	2000-01												0		0
	2001-02												1		1
Other Countries	2000-01						47		2				115		164
	2001-02						0		3				128		131
CONTAINERS	2000-01	1194	148	8	110	0	3109	629	197	6	19	6373	0	333	12126
	2001-02	896	548	3	143	0	3100	919	216	11	21	7523	0	395	13775
UK	2000-01	165	2		5						1				173
	2001-02	114	15		6						1				136
China	2000-01				1				6		2				9
	2001-02				6				0		3				9

Table 2.1.8 (Contd...)

Overseas Cargo Unloaded by Country/Port of Origin (Port-wise and Commodity-wise) - 2000-01 & 2001-02

(In '000 Tonnes)

Country of Origin/Commodities	Year	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15
CONTAINERS (Contd...)															
Japan	2000-01	19			2						2				23
	2001-02	13			5						2				20
Canada	2000-01		13		8										21
	2001-02		50		1										51
USA	2000-01	181	6		5				16		3				211
	2001-02	105	22		27				0		3				157
Australia	2000-01	87	2		3										92
	2001-02	54	15		1										70
Holland	2000-01				1										1
	2001-02				1										1
Germeny	2000-01				1						1	0			2
	2001-02				4						1	617			622
Newzeland	2000-01				0										0
	2001-02				1										1
Singapore	2000-01				72				0		1			0	73
	2001-02				87				35		1			4	127
Korea	2000-01				2						0				2
	2001-02				0						1				1
CIS	2000-01	14	3												17
	2001-02	16	10												26
Saudi Arabia	2000-01											0			0
	2001-02											80			80
Sri Lanka	2000-01			8										97	105
	2001-02			3										111	114
Jordan	2000-01													1	1
	2001-02													0	0
South Africa	2000-01													4	4
	2001-02													11	11
Pakistan	2000-01													0	0
	2001-02													7	7
U.A.E.	2000-01	0	0	0	3	0	0	0	0	0	0	0	0	231	234
	2001-02	0	0	0	0	0	0	0	0	0	1	0	0	259	260
Israel	2000-01				2										2
	2001-02				0										0
Nigeria	2000-01									1				0	1
	2001-02									4				1	5
Russia	2000-01									0	0				0
	2001-02									1	1				2
Thailand	2000-01									1					1
	2001-02									0					0
France	2000-01										1				1
	2001-02										1				1
Malaysia	2000-01										1				1
	2001-02										2				2
Taiwan	2000-01										1				1
	2001-02										1				1
Indonesia	2000-01								5		2				7
	2001-02								0		0				0
Other European Countries	2000-01	70	108	0	4	0	0	0	0	0	3	0	0	0	185
	2001-02	79	365	0	4	0	0	0	17	0	3	105	0	0	573
Other S. A. Countries	2000-01	8	2	0	1	0	0	0	0	0	0	0	0	0	11
	2001-02	6	6	0	0	0	0	0	16	0	0	715	0	0	743
Other Asian Countries	2000-01	448	12	0	0	0	0	0	0	0	0	0	0	0	460
	2001-02	340	65	0	0	0	0	0	0	0	0	0	0	0	405
Other African Countries	2000-01	19	0	0	0	0	0	0	0	2	1	0	0	0	22
	2001-02	30	0	0	0	0	0	0	0	2	0	287	0	0	319
Other Countries	2000-01	183					3109	629	170	2		6373		0	10466
	2001-02	139					3100	919	148	4		5719		2	10031

Table 2.1.8 (Contd...)

Overseas Cargo Unloaded by Country/Port of Origin (Port-wise and Commodity-wise) - 2000-01 & 2001-02

(In '000 Tonnes)

Country of Origin/Commodities	Year	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15
PETROLEUM (COKE)	2000-01	8	350	0	385	0	0	0	0	0	0	0	0	0	743
	2001-02	0	465	0	420	0	0	0	0	0	0	0	0	0	885
China	2000-01				39										39
	2001-02				36										36
Kuwait	2000-01				109										109
	2001-02				98										98
USA	2000-01		0		105										105
	2001-02		5		127										132
Indonesia	2000-01				116										116
	2001-02				120										120
USSR	2000-01		22												22
	2001-02		23												23
Other Asian Countries	2000-01	8	328	0	16	0	0	0	0	0	0	0	0	0	352
	2001-02	0	437	0	39	0	0	0	0	0	0	0	0	0	476
LIME STONE	2000-01	0	404	262	387	0	0	10	0	0	0	0	0	0	1063
	2001-02	0	340	199	455	0	0	22	0	0	0	0	0	0	1016
Kuwait	2000-01				72										72
	2001-02				41										41
Saudi Arabia	2000-01				0										0
	2001-02				59										59
UAE	2000-01			262	315										577
	2001-02			167	355										522
Philipines	2000-01							10							10
	2001-02							22							22
Iran	2000-01			0											0
	2001-02			32											32
West Asia	2000-01		404												404
	2001-02		340												340
HARD COKE	2000-01	0	0	199	0	0	0	0	0	0	0	0	0	0	199
	2001-02	0	0	353	0	0	0	0	0	0	0	0	0	0	353
China	2000-01			199											199
	2001-02			281											281
USA	2000-01			0											0
	2001-02			26											26
Japan	2000-01			0											0
	2001-02			28											28
Kuwait	2000-01			0											0
	2001-02			11											11
Malaysia	2000-01			0											0
	2001-02			7											7
MISCELLANEOUS	2000-01	314	61	35	124	0	56	106	698	97	144	10	2245	45	3935
	2001-02	284	104	50	83	0	53	79	433	101	232	19	1822	30	3290
Korea	2000-01			10	0										10
	2001-02			0	4										4
USA	2000-01	228	0	16	46	0	0	0	4	0	0	0	0	0	294
	2001-02	151	6	21	18	0	12	0	74	0	15	0	0	0	297
Singapore	2000-01				2		0								2
	2001-02				1		4								5
UAE	2000-01			6	0					78	61				145
	2001-02			0	1					51	0				52
China	2000-01			3	61		0							11	75
	2001-02			24	55		4							0	83
Newzeland	2000-01									0					0
	2001-02									30					30
Canada	2000-01	0	12	0	2	0	0	0	6	14	0	0	0	15	49
	2001-02	0	0	0	0	0	4	0	0	15	15	0	0	20	54
Indonesia	2000-01				6			2						5	13
	2001-02				0			0						0	0
Ukraine	2000-01									5	0			0	5
	2001-02									5	2			3	10
Iran	2000-01										73				73
	2001-02										187				187
Taiwan	2000-01													0	0
	2001-02													1	1

Table 2.1.8 (Contd...)

Overseas Cargo Unloaded by Country/Port of Origin (Port-wise and Commodity-wise) - 2000-01 & 2001-02

(In '000 Tonnes)

Country of Origin/Commodities	Year	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15
MISCELLANEOUS (Contd...)															
South Africa	2000-01							33						1	34
	2001-02							0						0	0
Bhrain	2000-01							2							2
	2001-02							0							0
UK	2000-01	4							34						38
	2001-02	15							0						15
Holland	2000-01			0											0
	2001-02			1											1
Germeny	2000-01	1	0	0	0	0	0	0	5	0	0	0	0	0	6
	2001-02	0	0	0	0	0	0	0	3	0	0	0	0	0	3
Japan	2000-01	9	0	0	0	0	0	0	0	0	0	0	0	0	9
	2001-02	7	0	0	0	0	13	0	0	0	0	0	0	0	20
Thailand	2000-01						0								0
	2001-02						11								11
Egypt	2000-01						0								0
	2001-02						1								1
Myanmar	2000-01	0													0
	2001-02	1													1
Australia	2000-01	48	1												49
	2001-02	107	0												107
CIS	2000-01	4	0												4
	2001-02	0	7												7
Philippines	2000-01													11	11
	2001-02													0	0
France	2000-01										0				0
	2001-02										13				13
Other African Countries	2000-01	0	0	0	3	0	0	63	149	0	0	0	0	0	215
	2001-02	0	0	0	1	0	0	79	250	0	0	0	0	0	330
Other S. A. Countries	2000-01				1										1
	2001-02				0										0
Other European Countries	2000-01	1	13	0	1	0	0	5	0	0	10	0	0	2	32
	2001-02	3	57	0	2	0	3	0	1	0	0	0	0	6	72
Other Asian Countries	2000-01	19	33	0	0	0	0	0	0	0	0	0	0	0	52
	2001-02	0	28	0	0	0	1	0	4	0	0	0	0	0	33
Far East	2000-01	8													8
	2001-02	0													0
East Asia	2000-01		28				0								28
	2001-02		19				1								20
West Asia	2000-01		5						0						5
	2001-02		7						4						11
Far East	2000-01	11													11
	2001-02	0													0
East Asia	2000-01		0												0
	2001-02		2												2
Other Countries	2000-01	0	2	0	2	0	56	1	500	0	0	10	2245	0	2816
	2001-02	0	6	4	1	0	0	0	101	0	0	19	1822	0	1953
TRANSHIPMENT (CRUDE)	2000-01	2369	0	0	3386	0	0	0	0	0	0	0	0	3851	9606
	2001-02	1599	0	0	4574	0	0	0	0	0	0	0	0	1567	7740
Libya	2000-01				0										0
	2001-02				60										60
Kuwait	2000-01				84									486	570
	2001-02				99									357	456
Nigeria	2000-01				1291									1025	2316
	2001-02				1199									654	1853
Malaysia	2000-01				325										325
	2001-02				1049										1049
Saudi Arabia	2000-01				947										947
	2001-02				1155										1155
UAE	2000-01				739									1638	2377
	2001-02				1012									186	1198

Table 2.1.8 (Contd...)

Overseas Cargo Unloaded by Country/Port of Origin (Port-wise and Commodity-wise) - 2000-01 & 2001-02

(In '000 Tonnes)

Country of Origin/Commodities	Year	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15
TRANSHIPMENT (CRUDE) (Contd...)															
Iran	2000-01													356	356
	2001-02													156	156
Qatar	2000-01													346	346
	2001-02													214	214
Far East	2000-01	75													75
	2001-02	125													125
Middle East	2000-01	1493													1493
	2001-02	928													928
Africa	2000-01	801													801
	2001-02	546													546
TRANSHIPMENT (POL PRODUCTS)	2000-01	0	0	0	380	0	186	0	0	0	0	0	0	0	566
	2001-02	0	0	0	21	0	51	0	0	0	0	0	0	0	72
Singapore	2000-01				38										38
	2001-02				21										21
Bhrain	2000-01				20										20
	2001-02				0										0
Iran	2000-01				13										13
	2001-02				0										0
Kuwait	2000-01				88										88
	2001-02				0										0
Korea	2000-01				21										21
	2001-02				0										0
Saudi Arabia	2000-01				20										20
	2001-02				0										0
UAE	2000-01				180										180
	2001-02				0										0
Other Countries	2000-01						186								186
	2001-02						51								51
TRANSHIPMENT (CONTAINERS)	2000-01	0	0	0	0	0	0	0	0	0	0	462	9	0	471
	2001-02	0	0	0	0	0	0	0	5	0	0	1655	21	0	1681
Other Countries	2000-01								0			462	9		471
	2001-02								5			1655	21		1681
TRANSHIPMENT (COKING COAL)	2000-01	0	0	0	366	0	0	0	0	0	0	0	0	0	366
	2001-02	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Australia	2000-01				366										366
	2001-02				0										0

Note:1) Transhipment of those commodities which are not mentioned here have been included in traffic of respective commodities.
2) Wherever country-wise break-up is not available the traffic has been shown against 'Other Countries'.
3) In case of Mumbai : a) revenue traffic is given and will not tally with total overseas cargo unloaded b) Traffic of commodities handled in containers are included in repective commodity traffic.
4) In case of Cochin, container traffic given in this table is only of those commodities which are not listed here.

Source : Tables generated by processing data received from Major Ports.

Table 2.1.9

Overseas Cargo Loaded by Country/Port of Destination (Port-wise and Commodity-wise) - 2000-01 & 2001-02

(In '000 Tonnes)

Country of Origin/Commodities	Year	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
ALL COMMODITIES															
	2000-01	***933***	***1472***	***3793***	***8170***	***0***	***11567***	***2396***	***1072***	***5349***	***15813***	***7644***	***2687***	***4400***	***65296***
	2001-02	***603***	***3137***	***4415***	***9037***	***0***	***11952***	***3147***	***1214***	***5720***	***18153***	***9168***	***2802***	***6855***	***76203***
Australia	2000-01	15	26	0	17	0	0	0	7	0	0	0	0	2	67
	2001-02	17	35	0	1	0	0	28	0	0	0	0	0	0	81
Bahrain	2000-01	0	0	0	0	0	0	0	0	0	61	0	0	4	65
	2001-02	0	0	0	0	0	0	0	0	0	0	0	0	30	30
Canada	2000-01	0	87	27	0	0	0	0	0	0	65	0	0	5	184
	2001-02	0	79	0	2	0	2	0	0	0	0	0	0	0	83
China	2000-01	0	0	3201	2178	0	0	5	23	2050	3889	0	0	117	11463
	2001-02	0	0	3879	2771	0	3817	15	0	3417	5414	0	14	123	19450
CIS (Ex. Russia)	2000-01	14	15	0	0	0	0	0	0	0	30	0	0	0	59
	2001-02	10	24	0	33	0	0	0	0	0	27	1	12	11	118
Egypt	2000-01	0	0	0	14	0	0	0	0	0	0	0	12	109	135
	2001-02	0	0	0	0	0	42	0	0	0	0	0	0	71	113
Iran	2000-01	0	0	0	16	0	0	0	0	1216	100	0	2	0	1334
	2001-02	0	0	0	182	0	91	0	0	608	66	0	37	11	995
Iraq	2000-01	0	0	0	0	0	0	0	0	0	0	0	9	21	30
	2001-02	0	0	0	0	0	54	0	21	0	0	0	29	121	225
Japan	2000-01	18	0	495	3823	0	39	0	44	906	8706	0	14	125	14170
	2001-02	12	0	492	3434	0	1750	19	31	641	9273	20	15	366	16053
Korea	2000-01	0	0	24	292	0	0	0	0	1	788	0	0	158	1263
	2001-02	0	0	0	427	0	0	0	0	1	848	0	15	522	1813
Kuwait	2000-01	0	0	0	18	0	0	0	0	1	0	0	0	40	59
	2001-02	0	0	0	0	0	0	0	0	0	78	0	0	38	116
Malaysia	2000-01	0	0	0	168	0	37	134	0	0	3	0	2	93	437
	2001-02	0	0	0	78	0	9	268	0	1	4	35	0	90	485
Myanmar	2000-01	0	0	0	58	0	0	12	0	0	0	0	0	0	70
	2001-02	1	0	0	52	0	0	14	0	0	0	0	0	0	67
New Zealand	2000-01	0	0	30	0	0	0	0	0	0	0	0	0	46	76
	2001-02	0	0	0	0	0	0	0	0	0	0	0	0	59	59
Qatar	2000-01	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2001-02	0	0	0	0	0	0	0	0	0	0	0	0	21	21
Russia	2000-01	0	0	0	317	0	0	0	0	0	0	0	0	82	399
	2001-02	0	0	0	350	0	0	0	52	0	0	0	0	43	445
Saudi Arabia	2000-01	0	0	0	6	0	0	0	0	0	13	0	0	690	709
	2001-02	0	0	0	330	0	0	0	1	342	18	107	47	672	1517
Singapore	2000-01	0	0	0	332	0	146	21	0	305	1	0	0	444	1249
	2001-02	0	0	16	108	0	184	5	0	1	1	1	0	472	788
South Africa	2000-01	0	0	0	0	0	0	3	0	0	0	0	52	13	68
	2001-02	0	0	22	18	0	0	0	0	8	0	0	5	175	228
Germany	2000-01	0	0	0	0	0	0	0	9	6	3	0	2	6	26
	2001-02	0	0	0	0	0	0	0	2	10	138	882	0	26	1058
Holland	2000-01	0	0	0	3	0	0	0	0	1	464	0	4	19	491
	2001-02	0	0	2	21	0	0	0	0	2	704	0	2	77	808
France	2000-01	0	0	0	0	0	0	0	0	0	34	0	27	53	114
	2001-02	0	0	3	26	0	0	0	0	39	37	25	2	0	132
UAE	2000-01	0	0	3	184	0	0	5	0	240	77	0	125	581	1215
	2001-02	0	0	0	134	0	0	0	6	2	1	0	84	873	1100
United Kingdom	2000-01	121	0	0	0	0	0	5	0	1	1	0	2	10	140
	2001-02	71	0	0	0	0	0	0	1	1	2	0	0	46	121
USA	2000-01	230	372	10	227	0	0	6	0	1	8	0	97	76	1027
	2001-02	118	202	0	47	0	358	5	29	3	5	5	48	31	851
Yemen	2000-01	0	0	0	0	0	0	0	0	0	0	0	17	78	95
	2001-02	0	0	0	0	0	0	0	0	0	0	0	1	121	122
Indonesia	2000-01	0	0	0	43	0	0	139	0	0	7	0	0	235	424
	2001-02	0	0	1	131	0	2	354	0	0	1	6	2	463	960
Sri lanka	2000-01	0	0	0	61	0	0	111	0	0	0	0	5	164	341
	2001-02	2	0	0	58	0	7	286	1	0	0	0	33	214	601
Bangladesh	2000-01	8	0	0	17	0	0	116	0	0	0	0	18	144	303
	2001-02	7	0	0	59	0	157	24	13	0	405	0	47	38	750
Pakistan	2000-01	0	0	0	26	0	0	13	0	0	499	0	19	0	557
	2001-02	0	0	0	56	0	0	0	0	0	0	0	27	6	89
Taiwan	2000-01	0	0	3	65	0	0	11	0	439	268	0	0	123	909
	2001-02	0	0	0	49	0	0	4	0	497	84	0	0	177	811
Philippines	2000-01	0	0	0	53	0	0	116	0	0	0	0	0	175	344
	2001-02	0	0	0	34	0	0	127	0	0	0	0	0	313	474

Table 2.1.9 (Contd...)

Overseas Cargo Loaded by Country/Port of Destination (Port-wise and Commodity-wise) - 2000-01 & 2001-02

(In '000 Tonnes)

Country of Origin/Commodities	Year	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
ALL COMMODITIES (Contd...)															
Maldives	2000-01	0	0	0	64	0	0	233	0	0	15	0	0	80	392
	2001-02	0	0	0	294	0	4	320	0	0	23	36	0	214	891
Other Asian Countries	2000-01	242	674	0	0	0	1	55	3	4	0	0	4	409	1392
	2001-02	118	2339	0	47	0	2393	115	2	0	4	0	0	564	5582
Other African Countries	2000-01	27	22	0	4	0	0	0	25	0	0	0	48	67	193
	2001-02	20	34	0	0	0	0	0	33	0	2	356	74	342	861
Other Europien Countries	2000-01	126	258	0	117	0	0	456	145	178	762	0	123	110	2275
	2001-02	102	400	0	154	0	292	276	349	147	1011	164	49	121	3065
Other South American Countries	2000-01	9	18	0	67	0	0	13	49	0	0	0	0	18	174
	2001-02	5	24	0	141	0	33	6	0	0	0	969	48	12	1238
Other Countries	2000-01	123	0	0	0	0	11344	942	767	0	19	7644	2105	103	23047
	2001-02	120	0	0	0	0	2757	1281	673	0	7	6561	2211	392	14002
POL-CRUDE	2000-01	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	2001-02	0	0	0	0	0	0	0	0	0	0	0	48	0	48
Other Countries	2000-01												1		1
	2001-02												48		48
POL-PRODUCT	2000-01	18	0	0	346	0	223	0	26	544	0	40	53	2	1252
	2001-02	39	0	0	450	0	0	0	0	373	0	59	60	0	981
Japan	2000-01				28		39		26			0	0		93
	2001-02				31		0		0			20	5		56
Korea	2000-01				49										49
	2001-02				63										63
Singapore	2000-01				269		146			305			0		720
	2001-02				330		0			342			43		715
U.A.E.	2000-01				0					239		0	10	2	251
	2001-02				26					31		25	2	0	84
Far East	2000-01	18													18
	2001-02	39													39
Malaysia	2000-01						37								37
	2001-02						0								0
West Asia	2000-01	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	2001-02	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Other Countries	2000-01	0	0	0	0	0	0	0	0	0	0	40	43	0	83
	2001-02	0	0	0	0	0	0	0	0	0	0	14	9	0	23
EDIBLE OIL	2000-01	0	0	0	0	0	0	0	0	0	0	0	69	179	248
	2001-02	0	0	0	0	0	0	0	0	0	0	2	37	179	218
Belgium	2000-01													0	0
	2001-02													3	3
China	2000-01													18	18
	2001-02													14	14
France	2000-01												27	43	70
	2001-02												2	53	55
Italy	2000-01													0	0
	2001-02													3	3
Japan	2000-01												14	4	18
	2001-02												10	7	17
New Zealand	2000-01													46	46
	2001-02													59	59
Thailand	2000-01													8	8
	2001-02													12	12
USA	2000-01											0	17	31	48
	2001-02											1	12	11	24
Germany	2000-01												2	6	8
	2001-02												5	0	5
Other Countries	2000-01												7		7
	2001-02												5		5
Russia	2000-01													8	8
	2001-02													6	6
Singapore	2000-01											0		1	1
	2001-02											1		3	4
Spain	2000-01													1	1
	2001-02													4	4

Table 2.19 (Contd...)

Overseas Cargo Loaded by Country/Port of Destination (Port-wise and Commodity-wise) - 2000-01 & 2001-02

(In '000 Tonnes)

Country of Origin/Commodities	Year	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	All Ports
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
EDIBLE OIL (Contd..)															
Taiwan	2000-01													3	3
	2001-02													4	4
United Kingdom	2000-01												2	10	12
	2001-02												0	0	0
Indonesia	2000-01												0		0
	2001-02												2		2
U.A.E.	2000-01												0		0
	2001-02												1		1
Other Countries	2000-01	0	0	0	0	0	0	0	0	0	0	0	9	23	32
	2001-02	0	0	0	0	0	0	0	0	0	0	1	8	17	26
OTHER LIQUIDS	2000-01	0	0	0	17	0	241	0	0	0	53	178	0	75	564
	2001-02	18	3	0	12	0	219	0	0	0	49	35	0	107	443
China	2000-01				9		0				9			6	24
	2001-02				4		75				7			13	99
Korea	2000-01				0									0	0
	2001-02				8									26	34
Russia	2000-01				2									3	5
	2001-02				0									0	0
Holland	2000-01										38			1	39
	2001-02										32			8	40
USA	2000-01													45	45
	2001-02													31	31
west Europe	2000-01						0								0
	2001-02						51								51
Singapore	2000-01						0							5	5
	2001-02						43							0	43
East Asia	2000-01	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	2001-02	18	3	0	0	0	26	0	0	0	10	0	0	0	57
Egypt	2000-01						0								0
	2001-02						20								20
France	2000-01													1	1
	2001-02													0	0
South East Asia	2000-01	0	0	0	6	0	0	0	0	0	6	0	0	0	12
	2001-02	0	0	0	0	0	4	0	0	0	0	4	0	9	17
West Asia	2000-01	0	0	0	0	0	0	0	0	0	0	0	0	8	8
	2001-02	0	0	0	0	0	0	0	0	0	0	12	0	0	12
Other Countries	2000-01	0	0	0	0	0	241	0	0	0	0	178	0	5	424
	2001-02	0	0	0	0	0	0	0	0	0	0	19	0	20	39
IRON ORE	2000-01	0	355	2904	5619	0	7049	0	0	4585	15341	0	0	0	35853
	2001-02	0	1780	3259	5778	0	7482	0	0	5145	17766	0	0	0	41210
China	2000-01			2579	1967		0			2047	3829				10422
	2001-02			2924	2463		3633			3398	5381				17799
Japan	2000-01			325	3652		0			905	8647				13529
	2001-02			335	3315		1697			637	9186				15170
Iran	2000-01									1216					1216
	2001-02									608					608
Taiwan	2000-01									373	267				640
	2001-02									442	72				514
Turkey	2000-01									44	273				317
	2001-02									60	165				225
Belgium	2000-01										209				209
	2001-02										270				270
Germany	2000-01										0				0
	2001-02										136				136
Italy	2000-01										60				60
	2001-02										48				48
Holland	2000-01										426				426
	2001-02										672				672
Pakistan	2000-01						0				499				499
	2001-02						155				400				555
Kuwait	2000-01										0				0
	2001-02										78				78
Romania	2000-01										207				207
	2001-02										516				516
Korea	2000-01										788				788
	2001-02										838				838

Table 2.1.9 (Contd...)

Overseas Cargo Loaded by Country/Port of Destination (Port-wise and Commodity-wise) - 2000-01 & 2001-02

(In '000 Tonnes)

Country of Origin/Commodities	Year	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
IRON ORE (Contd...)															
U.A.E.	2000-01										75				75
	2001-02										0				0
Bahrein	2000-01										61				61
	2001-02										0				0
East Asia	2000-01		355				0								355
	2001-02		1780				1997								3777
Other Countries	2000-01	0	0	0	0	0	7049	0	0	0	0	0	0	0	7049
	2001-02	0	0	0	0	0	0	0	0	0	4	0	0	0	4
OTHER ORES	2000-01	0	0	422	317	0	618	41	0	0	125	0	0	207	1730
	2001-02	0	0	348	219	0	614	67	0	14	69	0	0	201	1532
China	2000-01			415	73		0	5		0	37			44	574
	2001-02			348	84		43	0		14	0			36	525
Korea	2000-01			0	111									18	129
	2001-02			0	68									0	68
Japan	2000-01			7	9		0	0			58				74
	2001-02			0	6		20	19			69				114
Italy	2000-01				0									35	35
	2001-02				1									29	30
Pakistan	2000-01				26										26
	2001-02				29										29
USA	2000-01				63		0	6							69
	2001-02				25		143	5							173
Saudi Arabia	2000-01													2	2
	2001-02													14	14
Malaysia	2000-01							12						67	79
	2001-02							10						82	92
Russia	2000-01													0	0
	2001-02													19	19
Iran	2000-01						0							0	0
	2001-02						19							5	24
Bangladesh	2000-01													0	0
	2001-02													16	16
Singapore	2000-01			0			0	5							5
	2001-02			0			60	5							65
Australia	2000-01							0						2	2
	2001-02							28						0	28
Egypt	2000-01						0								0
	2001-02						21								21
Iraq	2000-01						0								0
	2001-02						54								54
West Asia	2000-01						0								0
	2001-02						188								188
Other American Crs.	2000-01						0								0
	2001-02						28								28
Canada	2000-01													5	5
	2001-02													0	0
Other Countries	2000-01	0	0	0	35	0	618	13	0	0	30	0	0	34	730
	2001-02	0	0	0	6	0	38	0	0	0	0	0	0	0	44
FOOD GRAINS	2000-01	0	0	0	144	0	0	131	12	0	0	0	231	1187	1705
	2001-02	1	0	0	562	0	0	330	11	0	0	0	167	2584	3655
China	2000-01				0				1				0	14	15
	2001-02				14				0				14	0	28
Bangladesh	2000-01				0			53						92	145
	2001-02				46			24						38	108
Korea	2000-01				63								0	28	91
	2001-02				126								15	84	225
Indonesia	2000-01				0			0						0	0
	2001-02				26			31						10	67
Malaysia	2000-01				0			55							55
	2001-02				0			170							170
Myanmar	2000-01	0			0			2							2
	2001-02	1			6			14							21
Pakistan	2000-01				0										0
	2001-02				27										27
South Africa	2000-01				0								52	13	65
	2001-02				18								0	166	184

Table 2.1.9 (Contd...)

Overseas Cargo Loaded by Country/Port of Destination (Port-wise and Commodity-wise) - 2000-01 & 2001-02

(In '000 Tonnes)

Country of Origin/Commodities	Year	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
FOOD GRAINS (Contd..)															
Philipines	2000-01				50			3						17	70
	2001-02				254			28						0	292
Thailand	2000-01				13									0	13
	2001-02				13									12	25
Vietnam	2000-01				0			0						0	0
	2001-02				32			17						19	68
Kuwait	2000-01				0									24	24
	2001-02				0									16	16
Singapore	2000-01				0			16						45	61
	2001-02				0			0						80	80
Saudi Arabia	2000-01				6				0					615	621
	2001-02				0				1					624	625
Egypt	2000-01												12	20	32
	2001-02												0	13	13
Ghana	2000-01													0	0
	2001-02													27	27
Yaman	2000-01												10	78	88
	2001-02												0	121	121
Sri Lanka	2000-01							0						6	6
	2001-02							40						77	117
Somalia	2000-01													0	0
	2001-02													1	1
UAE	2000-01								0				41	67	108
	2001-02								6				6	366	378
West Africa	2000-01													0	0
	2001-02													104	104
Bahrein	2000-01													3	3
	2001-02													30	30
Germany	2000-01													0	0
	2001-02													26	26
Iraq	2000-01												9	15	24
	2001-02												23	50	73
Uman	2000-01								0					99	99
	2001-02								2					95	97
Philipines	2000-01													0	0
	2001-02													68	68
South Asian	2000-01													0	0
	2001-02													13	13
Sudan	2000-01													23	23
	2001-02													38	38
Ivory Coast	2000-01													0	0
	2001-02													53	53
Nigeria	2000-01													0	0
	2001-02													351	351
Mozambic	2000-01												0	0	0
	2001-02												11	36	47
Other African Countries	2000-01	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2001-02	0	0	0	0	0	0	0	0	0	0	0	0	25	25
South American Countries	2000-01	0	0	0	12	0	0	0	2	0	0	0	0	0	14
	2001-02	0	0	0	0	0	0	0	0	0	0	0	0	10	10
Other European Countries	2000-01	0	0	0	0	0	0	0	4	0	0	0	0	17	21
	2001-02	0	0	0	0	0	0	0	0	0	0	0	0	31	31
Other Asian Countries	2000-01	0	0	0	0	0	0	2	0	0	0	0	0	3	5
	2001-02	0	0	0	0	0	0	6	0	0	0	0	0	0	6
Other Countries	2000-01								5				107	8	120
	2001-02								2				98	0	100
COAL (OTHERS)	2000-01	0	0	0	0	0	0	0	0	0	46	0	0	0	46
	2001-02	0	0	0	0	0	0	0	0	0	47	0	0	0	47
France	2000-01										34				34
	2001-02										37				37
Greece	2000-01										12				12
	2001-02										10				10

Table 2.1.9 (Contd...)

Overseas Cargo Loaded by Country/Port of Destination (Port-wise and Commodity-wise) - 2000-01 & 2001-02

(In '000 Tonnes)

Country of Origin/Commodities	Year	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
IRON (SCRAP)	2000-01	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2001-02	0	0	0	0	0	35	0	0	0	0	0	0	0	35
East Asia	2000-01						0								0
	2001-02						35								35
IRON & STEEL	2000-01	22	414	0	369	0	2	0	11	0	0	129	712	1	1660
	2001-02	22	366	0	351	0	8	0	14	0	0	32	547	10	1350
Myanmar	2000-01				38										38
	2001-02				46										46
Italy	2000-01				0				0				81		81
	2001-02				27				2				28		57
Japan	2000-01				38										38
	2001-02				33										33
Taiwan	2000-01				58										58
	2001-02				9										9
USA	2000-01		232		16		0		0				80		328
	2001-02		43		10		1		3				48		105
Korea	2000-01				24										24
	2001-02				61										61
Bangladesh	2000-01	4			17										21
	2001-02	6			6										12
Malaysia	2000-01				9										9
	2001-02				11										11
Singapore	2000-01				38										38
	2001-02				8										8
Sri Lanka	2000-01	0			58		0								58
	2001-02	2			57		1								60
UAE	2000-01	0	0	0	68	0	0	0	0	0	0	0	59	0	127
	2001-02	0	0	0	61	0	0	0	0	0	0	0	46	1	108
East Asia	2000-01		143				0								143
	2001-02		311				6								317
Ethiopia	2000-01												48		48
	2001-02												63		63
Turkey	2000-01												42		42
	2001-02												0		0
Iran	2000-01												0		0
	2001-02												34		34
Nigeria	2000-01												0		0
	2001-02												19		19
Other S. American Countries	2000-01	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	2001-02	0	0	0	2	0	0	0	0	0	0	0	0	0	2
Other Asian Countries	2000-01	9	0	0	5	0	0	0	0	0	0	0	0	0	14
	2001-02	8	0	0	20	0	0	0	0	0	0	32	0	8	68
Other European Countries	2000-01	3	0	0	0	0	0	0	3	0	0	0	0	0	6
	2001-02	1	6	0	0	0	0	0	2	0	0	0	0	0	9
Other Countries	2000-01	6	39	0	0	0	2	0	6	0	0	129	402	1	585
	2001-02	5	6	0	0	0	0	0	7	0	0	0	309	1	328
SALT	2000-01	0	0	0	0	0	0	438	0	0	0	0	0	725	1163
	2001-02	0	0	0	0	0	0	392	0	0	0	0	0	1211	1603
Vietnam	2000-01							55						226	281
	2001-02							8						375	383
Indonesia	2000-01							139				0		125	264
	2001-02							137				0		209	346
Japan	2000-01													43	43
	2001-02													310	310
Philipines	2000-01							113						158	271
	2001-02							121						213	334
Qatar	2000-01													0	0
	2001-02													21	21
Taiwan	2000-01							2						21	23
	2001-02							0						27	27
Thailand	2000-01							60						17	77
	2001-02							57						56	113
Malaysia	2000-01							44						26	70
	2001-02							62						0	62

Table 2.1.9 (Contd...)

Overseas Cargo Loaded by Country/Port of Destination (Port-wise and Commodity-wise) - 2000-01 & 2001-02

(In '000 Tonnes)

Country of Origin/Commodities	Year	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
SALT (Contd...)															
Africa	2000-01													25	25
	2001-02													0	0
Bangladesh	2000-01													52	52
	2001-02													0	0
Other S. American Countries	2000-01	0	0	0	0	0	0	13	0	0	0	0	0	0	13
	2001-02	0	0	0	0	0	0	6	0	0	0	0	0	0	6
Other Asian Countries	2000-01	0	0	0	0	0	0	12	0	0	0	0	0	7	19
	2001-02	0	0	0	0	0	0	1	0	0	0	0	0	0	1
Other Countries	2000-01													25	25
	2001-02													0	0
SUGAR	2000-01	0	0	0	0	0	3	122	0	4	0	0	58	0	187
	2001-02	0	0	0	0	0	0	433	0	8	0	6	347	8	802
Indonesia	2000-01							0				0		0	0
	2001-02							146				6		6	158
Sri Lanka	2000-01							46					0		46
	2001-02							168					33		201
Pakistan	2000-01							13					19		32
	2001-02							0					27		27
Bangladesh	2000-01							63					14		77
	2001-02							0					45		45
UAE	2000-01												4		4
	2001-02												20		20
Other Asian Countries	2000-01	0	0	0	0	0	0	0	0	4	0	0	9	0	13
	2001-02	0	0	0	0	0	0	119	0	0	0	0	0	2	121
Other Countries	2000-01	0	0	0	0	0	3	0	0	0	0	0	12	0	15
	2001-02	0	0	0	0	0	0	0	0	8	0	0	222	0	230
CEMENT	2000-01	0	0	0	0	0	0	3	0	0	0	0	0	0	3
	2001-02	0	0	0	0	0	2	31	0	0	0	0	0	0	33
Maldives	2000-01							1							1
	2001-02							3							3
Sri Lanka	2000-01						0	2							2
	2001-02						2	28							30
TIMBER	2000-01	0	0	0	0	0	0	0	5	0	0	0	0	0	5
	2001-02	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malta	2000-01								1						1
	2001-02								0						0
Columbia	2000-01								1						1
	2001-02								0						0
Other Countries	2000-01								3						3
	2001-02								0						0
CHEMICAL	2000-01	0	0	0	0	0	19	0	15	0	0	0	0	0	34
	2001-02	0	0	0	0	0	28	0	20	0	0	0	0	0	48
Japan	2000-01								0						0
	2001-02								2						2
UK	2000-01								0						0
	2001-02								1						1
Sri Lanka	2000-01								0						0
	2001-02								1						1
Panama	2000-01								1						1
	2001-02								0						0
Cyprus	2000-01								3						3
	2001-02								0						0
Columbia	2000-01								2						2
	2001-02								0						0
USA	2000-01							0							0
	2001-02							1							1
Singapore	2000-01							0							0
	2001-02							5							5
Thailand	2000-01							0							0
	2001-02							4							4
Malaysia	2000-01							0							0
	2001-02							3							3

Table 2.1.9 (Contd...)

Overseas Cargo Loaded by Country/Port of Destination (Port-wise and Commodity-wise) - 2000-01 & 2001-02

(In '000 Tonnes)

Country of Origin/Commodities	Year	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
CHEMICAL (Contd...)															
East Asia	2000-01						0								0
	2001-02						1								1
West Asia	2000-01						0								0
	2001-02						14								14
Other Countries	2000-01						19		9						28
	2001-02						0		16						16
TEA & COFFEE	2000-01	0	0	0	0	0	18	0	264	0	0	0	0	0	282
	2001-02	0	0	0	0	0	0	0	242	0	0	0	0	0	242
Russia	2000-01								0						0
	2001-02								52						52
Iraq	2000-01								0						0
	2001-02								21						21
Belgium	2000-01								0						0
	2001-02								13						13
Italy	2000-01								0						0
	2001-02								33						33
Spain	2000-01								0						0
	2001-02								10						10
Panama	2000-01								40						40
	2001-02								0						0
Cyprus	2000-01								45						45
	2001-02								0						0
China	2000-01								21						21
	2001-02								0						0
Other Countries	2000-01						18		158						176
	2001-02						0		113						113
MACHINERY	2000-01	0	0	0	0	0	3	0	12	0	0	0	72	2	89
	2001-02	0	0	1	0	0	15	0	14	2	0	0	91	3	126
UAE	2000-01									0			11	2	13
	2001-02									2			11	0	13
Nigeria	2000-01								0				6		6
	2001-02								1				5		6
Italy	2000-01								0						0
	2001-02								1						1
Africa	2000-01								0						0
	2001-02								1						1
China	2000-01								1						1
	2001-02								0						0
Panama	2000-01								1						1
	2001-02								0						0
Malta	2000-01								1						1
	2001-02								0						0
Indonesia	2000-01			0											0
	2001-02			1											1
USA	2000-01						0								0
	2001-02						6								6
Singapore	2000-01						0								0
	2001-02						1								1
Sri Lanka	2000-01						0						5		5
	2001-02						2						0		2
Bangladesh	2000-01						0						4		4
	2001-02						2						2		4
West Asia	2000-01						0								0
	2001-02						4								4
Oman	2000-01												4		4
	2001-02												0		0
Iraq	2000-01												0		0
	2001-02												6		6
Saudi Arabia	2000-01												0	0	0
	2001-02												3	3	6
Other Countries	2000-01						3		9				42		54
	2001-02						0		11				64		75

Table 2.1.9 (Contd...)

Overseas Cargo Loaded by Country/Port of Destination (Port-wise and Commodity-wise) - 2000-01 & 2001-02

(In '000 Tonnes)

Country of Origin/Commodities	Year	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
CONTAINER	2000-01	812	658	0	168	0	2880	940	227	16	31	7182	0	635	13549
	2001-02	509	975	4	178	0	2757	1280	240	29	44	8926	0	752	15694
China	2000-01				5					1	5				11
	2001-02				5					2	6				13
Japan	2000-01	18			96				18	1	1				134
	2001-02	12			49				10	4	1				76
Canada	2000-01		48		0										48
	2001-02		73		2										75
Taiwan	2000-01				2						1				3
	2001-02				7						2				9
USA	2000-01	161	115		20				0	1	4				301
	2001-02	110	159		6				26	3	5				309
Korea	2000-01				12					1	0				13
	2001-02				6					1	1				8
Australia	2000-01	15	26		0										41
	2001-02	17	35		1										53
Malaysia	2000-01				2					0	3				5
	2001-02				1					1	4				6
Singapore	2000-01			0	20					0	1			0	21
	2001-02			4	93					1	1			7	106
Sri Lanka	2000-01				3									158	161
	2001-02				1									198	199
UAE	2000-01	0	0	0	1	0	0	0	0	1	2	0	0	469	473
	2001-02	0	0	0	4	0	0	0	0	0	1	0	0	505	510
Russia	2000-01				0										0
	2001-02				1										1
Kuwait	2000-01									1					1
	2001-02									0					0
Iran	2000-01										0				0
	2001-02										1				1
Indonesia	2000-01										1				1
	2001-02										1				1
Saudi Arabia	2000-01										1	0			1
	2001-02										5	100			105
South Africa	2000-01													0	0
	2001-02													8	8
Pakistan	2000-01													0	0
	2001-02													2	2
Bangladesh	2000-01								0						0
	2001-02								13						13
CIS	2000-01	14	15												29
	2001-02	10	24												34
Thailand	2000-01				4						0				4
	2001-02				0						1				1
UK	2000-01	116								1	1				118
	2001-02	68								1	2				71
Germany	2000-01								9	6	3	0			18
	2001-02								0	10	2	882			894
Holland	2000-01									1					1
	2001-02									2					2
Other European Countries	2000-01	126	258	0	3	0	0	0	12	2	1	0	0	0	402
	2001-02	102	394	0	1	0	0	0	0	4	2	164	0	0	667
Other Asian Countries	2000-01	214	156	0	0	0	0	0	0	0	0	0	0	0	370
	2001-02	90	232	0	1	0	0	0	0	0	0	0	0	0	323
Other African Countries	2000-01	16	22	0	0	0	0	0	0	0	0	0	0	7	45
	2001-02	14	34	0	0	0	0	0	0	0	2	356	0	31	437
Other S. American Countries	2000-01	9	18	0	0	0	0	0	0	0	0	0	0	0	27
	2001-02	5	24	0	0	0	0	0	0	0	0	969	0	0	998
Other Countries	2000-01	123					2880	940	188		7	7182		1	11321
	2001-02	81					2757	1280	191		7	6455		1	10772
VEHICLE	2000-01	0	0	0	0	0	0	0	0	0	0	41	0	0	41
	2001-02	0	0	0	0	0	0	0	0	0	0	27	0	0	27
Other Countries	2000-01											0			0
	2001-02											27			27

Table 2.1.9 (Contd...)

Overseas Cargo Loaded by Country/Port of Destination (Port-wise and Commodity-wise) - 2000-01 & 2001-02

(In '000 Tonnes)

Country of Origin/Commodities	Year	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
FELDSAR	2000-01	0	0	0	52	0	0	31	0	0	0	0	0	0	83
	2001-02	0	0	0	56	0	0	31	0	0	0	0	0	0	87
Taiwan	2000-01				0			9							9
	2001-02				2			4							6
Bangladesh	2000-01				0										0
	2001-02				6										6
Philipines	2000-01				0										0
	2001-02				24										24
Portugal	2000-01				3										3
	2001-02				5										5
UAE	2000-01				36										36
	2001-02				19										19
Malaysia	2000-01				4			22							26
	2001-02				0			16							16
Turkey	2000-01				9										9
	2001-02				0										0
Sri Lanka	2000-01							0							0
	2001-02							11							11
ALLUMINA	2000-01	0	0	0	498	0	0	0	0	0	0	0	0	0	498
	2001-02	0	0	0	670	0	0	0	0	0	0	0	0	0	670
Iran	2000-01				16										16
	2001-02				148										148
China	2000-01				84										84
	2001-02				135										135
Belgium	2000-01				0										0
	2001-02				36										36
Georgia	2000-01				0										0
	2001-02				33										33
Russia	2000-01				295										295
	2001-02				318										318
USA	2000-01				103										103
	2001-02				0										0
SAND	2000-01	0	0	0	20	0	0	0	0	0	0	0	0	0	20
	2001-02	0	0	0	52	0	0	0	0	0	0	0	0	0	52
Holland	2000-01				0										0
	2001-02				21										21
Russia	2000-01				20										20
	2001-02				31										31
PETROLEUM COKE	2000-01	0	0	0	179	0	0	0	0	0	0	0	0	0	179
	2001-02	0	0	0	223	0	0	0	0	0	0	0	0	0	223
Iran	2000-01				0										0
	2001-02				34										34
Brazil	2000-01				0										0
	2001-02				44										44
UAE	2000-01				79										79
	2001-02				50										50
Venezulla	2000-01				51										51
	2001-02				95										95
Egypt	2000-01				14										14
	2001-02				0										0
Australia	2000-01				17										17
	2001-02				0										0
Turkey	2000-01				18										18
	2001-02				0										0
GRANITE	2000-01	0	0	0	131	0	0	458	0	0	0	0	0	0	589
	2001-02	0	0	0	142	0	0	276	0	0	0	0	0	0	418
China	2000-01				40										40
	2001-02				60										60
Italy	2000-01				34			415							449
	2001-02				35			256							291
Taiwan	2000-01				5										5
	2001-02				4										4
Belgium	2000-01				42			23							65
	2001-02				43			15							58

Table 2.1.9 (Contd...)

Overseas Cargo Loaded by Country/Port of Destination (Port-wise and Commodity-wise) - 2000-01 & 2001-02

(In '000 Tonnes)

Country of Origin/Commodities	Year	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
GRANITE (Contd...)															
East Africa	2000-01				3										3
	2001-02				0										0
Spain	2000-01				3			15							18
	2001-02				0			5							5
Brazil	2000-01				4										4
	2001-02				0										0
Israel	2000-01							2							2
	2001-02							0							0
Turkey	2000-01							3							3
	2001-02							0							0
PIG IRON	2000-01	0	20	0	246	0	0	0	0	0	0	0	0	0	266
	2001-02	0	0	0	258	0	0	0	0	0	0	35	0	0	293
Taiwan	2000-01				0										0
	2001-02				27										27
Korea	2000-01				33										33
	2001-02				76										76
Bangladesh	2000-01				0										0
	2001-02				1										1
Indonesia	2000-01				26										26
	2001-02				73										73
Malaysia	2000-01				153							0			153
	2001-02				55							35			90
Thailand	2000-01				34										34
	2001-02				26										26
East Asia	2000-01		20												20
	2001-02		0												0
EXTRACTION	2000-01	0	0	0	0	0	0	0	0	0	0	0	0	1137	1137
	2001-02	0	0	0	0	0	0	0	0	0	0	0	0	1585	1585
Saudi Arabia	2000-01													51	51
	2001-02													23	23
Egypt	2000-01													17	17
	2001-02													44	44
Indonesia	2000-01													107	107
	2001-02													159	159
Iraq	2000-01													6	6
	2001-02													53	53
Jordan	2000-01													38	38
	2001-02													11	11
Kuwait	2000-01													12	12
	2001-02													22	22
Libya	2000-01													12	12
	2001-02													24	24
Other S. American Countries	2000-01													0	0
	2001-02													2	2
Singapore	2000-01													386	386
	2001-02													381	381
Thailand	2000-01													55	55
	2001-02													146	146
Japan	2000-01													78	78
	2001-02													49	49
Korea	2000-01													112	112
	2001-02													412	412
Taiwan	2000-01													85	85
	2001-02													119	119
Vietnam	2000-01													76	76
	2001-02													48	48
Russia	2000-01													54	54
	2001-02													0	0
Other Asian Countries	2000-01	0	0	0	0	0	0	0	0	0	0	0	0	21	21
	2001-02	0	0	0	0	0	0	0	0	0	0	0	0	47	47
Other European Countries	2000-01	0	0	0	0	0	0	0	0	0	0	0	0	27	27
	2001-02	0	0	0	0	0	0	0	0	0	0	0	0	45	45

Table 2.4.9 (Contd...)

Overseas Cargo Loaded by Country/Port of Destination (Port-wise and Commodity-wise) - 2000-01 & 2001-02

(In '000 Tonnes)

Country of Origin/Commodities	Year	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
MISCELLANEOUS	2000-01	81	25	467	64	0	511	232	500	200	217	74	1491	250	4112
	2001-02	14	13	803	86	0	792	307	673	149	178	46	1505	215	4781
Singapore	2000-01			0	5		0								5
	2001-02			12	7		75								94
USA	2000-01	69	25	10	25		0				4				133
	2001-02	8	0	0	6		207				0				221
Thailand	2000-01				13						15				28
	2001-02				1						22				23
China	2000-01			207			0			0	9			14	230
	2001-02			607			66			2	20			60	755
Hongkong	2000-01									2				7	9
	2001-02									-				0	1
China	2000-01	0	0	207	0	0	0	0	0	2	9	0	0	21	239
	2001-02	0	0	607	0	0	66	0	0	3	20	0	0	60	756
Taiwan	2000-01			3						66				14	83
	2001-02			0						55				19	74
France	2000-01			0						0					0
	2001-02			3						8					11
Iran	2000-01						0				100				100
	2001-02						72				65				137
CIS	2000-01										0				0
	2001-02										27				27
Korea	2000-01			24	0						0				24
	2001-02			0	19						9				28
Bangladesh	2000-01	4									0				4
	2001-02	1									5				6
Japan	2000-01			163			0		0		0				163
	2001-02			157			33		19		17				226
Saudi Arabia	2000-01										12			22	34
	2001-02										13			23	36
Jordan	2000-01										12			2	14
	2001-02										0			2	2
Canada	2000-01			27			0				65				92
	2001-02			0			2				0				2
Philippines	2000-01				3		0								3
	2001-02				10		0								10
Egypt	2000-01						0							72	72
	2001-02						1							14	15
South Africa	2000-01			0										0	0
	2001-02			22										1	23
UK	2000-01	2												0	2
	2001-02	2												37	39
Iraq	2000-01													0	0
	2001-02													16	16
Holland	2000-01			0										0	0
	2001-02			2										4	6
Maldives	2000-01							168							168
	2001-02							228							228
Malaysia	2000-01				0		0	1							1
	2001-02				11		2	0							13
Sri lanka	2000-01						0	63							63
	2001-02						2	78							80
Other African Countries	2000-01	5								25					30
	2001-02	1								32					33
Australia	2000-01									7					7
	2001-02									0					0
Newzeland	2000-01			30											30
	2001-02			0											0

Table 2.4.9 (Contd...)

Overseas Cargo Loaded by Country/Port of Destination (Port-wise and Commodity-wise) - 2000-01 & 2001-02

(In '000 Tonnes)

Country of Origin/Commodities	Year	KDS	HDC	PPT	VPT	EPL	ChPT	TPT	CoPT	NMPT	MoPT	JNPT	MbPT	KPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
MISCELLANEOUS (Contd...)															
Indonesia	2000-01				0		0							3	3
	2001-02				32		2							0	34
UAE	2000-01			3										29	32
	2001-02			0										1	1
Kuwait	2000-01				18									4	22
	2001-02				0									0	0
Other European Countries	2000-01	0	0	0	0	0	0	0	85	132	0	0	0	60	277
	2001-02	0	0	0	0	0	203	0	290	83	0	0	0	35	611
Other American Countries	2000-01	0	0	0	0	0	0	0	0	0	0	0	0	18	18
	2001-02	0	0	0	0	0	5	0	0	0	0	0	0	0	5
Other Asian Countries	2000-01	1	0	0	0	0	0	0	0	0	0	0	0	5	6
	2001-02	2	13	0	0	0	122	0	0	0	0	0	0	0	137
Other Countries	2000-01	0	0	0	0	0	511	0	383	0	0	74	1491	0	2459
	2001-02	0	0	0	0	0	0	1	332	0	0	46	1505	3	1887

Note : 1) Transhipment is included in Unloaded.
2) Wherever country-wise break-ups are not available the traffic has been shown against "Other Countries".
3) In case of Mumbai, a) revenue traffic is gi ven, b) traffic of commodities handled in containers are included in respective commodity traffic.
4) In case of Cochin, container traffic given in this Table is only of those commodities which are not listed here.

Source : Tables generated by processing data received from Major Ports.

Table 2.1.10 **Tare Weight of Containers handled At Major Ports - 1999-00, 2000-01 & 2001-02**

(000'Tonnes)

Port	Container Cargo			Tare Weight			Container Traffic		
	1999-00	2000-01	2001-02	1999-00	2000-01	2001-02	1999-00	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10
Kandla	961	1088	1480	173	199	272	1134	1287	1752
Mumbai	5245	3706	3158	885	658	526	6130	4364	3684
J.L.Nehru	8810	11903	14633	1870	2375	3851	10680	14278	18484
Mormugao	50	43	58	15	14	12	65	57	70
N.Mangalore	Neg.	20	37	Neg.	4	8	Neg.	24	45
Cochin	1156	1262	1443	280	410	456	1436	1672	1899
Tuticorin	1360	1269	1788	273	300	411	1633	1569	2199
Chennai	3889	5888	5756	87	101	101	3976	5989	5857
Visakhapatnam	216	233	276	46	45	45	262	278	321
Paradip	-	8	7	-	Neg.	Neg.	-	8	7
Haldia Dock Complex	377	701	1329	57	105	194	434	806	1523
Kolkata Dock System	1787	1704	1191	330	307	220	2117	2011	1411
Total	**23851**	**27825**	**31156**	**4016**	**4518**	**6096**	**27867**	**32343**	**37252**

Table 2.1.11 Reefer Container Traffic at Major Ports - 2000-01 & 2001-02

Port	Year	Export				Import			
		20 ft Containers		40 ft Containers		20 ft Containers		40 ft Containers	
		TEUs	Tonnes	TEUs	Tonnes	TEUs	Tonnes	TEUs	Tonnes
1	2	3	4	5	6	7	8	9	10
Kolkata Dock System	2001-02	666	10502	1346	21345	587	3170	1524	6359
	2000-01	575	8205	1050	14683	523	2238	1074	3673
Haldia Dock Complex	2001-02	2	18	4	26	12	36	-	-
	2000-01	-	-	-	-	-	-	20	30
Paradip	2001-02	-	-	2	39	-	-	-	-
	2000-01	-	-	-	-	-	-	-	-
Visakhapatnam	2001-02	569	12419	2300	39936	-	-	-	-
	2000-01	397	8292	2906	44352	-	-	-	-
Chennai	2001-02	1004	17590	3644	72878	368	5557	2130	32048
	2000-01	1132	19697	3054	57993	439	5380	1420	15260
Tuticorin	2001-02	-	-	-	-	-	-	-	-
	2000-01	-	-	-	-	-	-	-	-
Cochin	2001-02	1203	18646	7342	113801	1497	3742	7526	18815
	2000-01	1224	18786	7862	122047	1289	3222	7740	27090
New Mangalore	2001-02	38	601	600	8457	35	105	490	1060
	2000-01	24	454	162	2573	36	134	112	242
Mormugao	2001-02	31	159	494	8258	35	821	740	4506
	2000-01	44	168	990	10048	38	336	1040	4683
J.L.Nehru (a)	2001-02	572	5671	11498	146806	774	13846	9078	58562
	2000-01	...	...	...	...	...	...	...	...
Mumbai (b)	2001-02	78	1379	1888	20674	170	3628	126	1511
	2000-01	280	4699	7610	84015	197	3987	186	2115
Kandla	2001-02	119	2112	2314	30900	164	1187	2154	4994
	2000-01	164	2297	3636	43936	183	682	3684	8228
Total	2001-02	4282	69097	31432	463120	3642	32092	23768	127855
	2000-01	3840	62598	27270	379647	2705	15979	15276	61321

(a) Excludes NSICT. (b) Excludes Empty Containers.
Ennore : There is no container traffic at Ennore.

Table 2.1.12 Level of Containerisation in General Cargo at various Major Ports 2000-01 and 2001-02

Port/Year	Container Cargo (000 tonnes)			General Cargo (Break Bulk + Container) (000 tonnes)			Percentage of Container Cargo to General Cargo		
	Loaded	Unloaded	Total	Loaded	Unloaded	Total	Loaded	Unloaded	Total
1	2	3	4	5	6	7	8	9	10
KANDLA									
2000-01	806	481	1287	2102	1930	4032	38.3	24.9	31.9
2001-02	1164	588	1752	3383	2023	5406	34.4	29.1	32.4
MUMBAI									
2000-01	1766	2598	4364	3126	5085	8211	56.5	51.1	53.1
2001-02	1188	2496	3684	2846	4930	7776	41.7	50.6	47.4
J. L. NEHRU									
2000-01	7547	6731	14278	7575	6735	14310	99.6	99.9	99.8
2001-02	9954	8530	18484	10072	8549	18621	98.8	99.8	99.3
MORMUGAO									
2000-01	31	26	57	144	83	227	21.5	31.3	25.1
2001-02	44	26	70	131	28	159	33.6	92.8	44.0
NEW MANGALORE									
2000-01	18	6	24	222	356	578	8.1	1.7	4.2
2001-02	34	11	45	194	352	546	17.5	3.1	8.2
COCHIN									
2000-01	1042	630	1672	1060	1252	2312	98.3	50.3	72.3
2001-02	1217	682	1899	1220	1041	2261	99.8	65.5	84.0
TUTICORIN									
2000-01	940	629	1569	2234	1229	3463	42.1	51.2	45.3
2001-02	1280	919	2199	2792	1506	4298	45.8	61.0	51.2
CHENNAI									
2000-01	2880	3109	5989	3689	3599	7288	78.1	86.4	82.2
2001-02	2757	3100	5857	3418	3474	6892	80.7	89.2	85.0
VISAKHAPATNAM									
2000-01	168	110	278	1001	369	1370	16.8	29.8	20.3
2001-02	178	143	321	1028	353	1381	17.3	40.5	23.2
PARADIP									
2000-01	-	8	8	51	15	66	-	53.3	12.1
2001-02	4	3	7	5	48	53	80.0	6.2	13.2
KOLKATA DOCK SYSTEM									
2000-01	817	1194	2011	1051	1996	3047	77.7	59.8	66.0
2001-02	512	899	1411	624	1358	1982	82.1	66.2	71.2
HALDIA DOCK COMPLEX									
2000-01	658	148	806	1079	385	1464	61.0	38.4	55.1
2001-02	975	548	1523	1354	844	2198	72.0	64.9	69.3
TOTAL									
2000-01	16673	15670	32343	23334	23034	46368	71.4	68.0	69.8
2001-02	19307	17945	37252	27067	24506	51573	71.3	73.2	72.2

Table 2.1.13 Inland Container Movement At Major Ports - 2000-01 & 2001-02

Port	Year	Incoming To Port				Outgoing from Port				Total	
		By Rail		By Road		By Rail		By Road			
		TEUs	Tonnes	TEUs	Tonnes	TEUs	Tonnes	TEUs	Tonnes	TEUs	Tonnes
1	2	3	4	5	6	7	8	9	10	11	12
Kolkata	2001-02	-	-	34906	449689	-	-	56281	784551	91187	1234240
Dock System(c)	2000-01	176	2768	53047	730601	-	-	77604	1091344	130827	1824713
Haldia Dock	2001-02	2425	42435	52579	1003854	1360	22866	31145	529589	87509	1598744
Complex	2000-01	2367	40188	35996	552645	608	7121	9259	120428	48230	720382
Paradip	2001-02	...	...	...	...	...	...	...	...	...	...
	2000-01	...	...	...	...	...	...	...	...	...	...
Visakhapatnam	2001-02	120	240	208	663	194	1512	741	5005	1263	7420
	2000-01	8	44	31	112	138	290	275	716	452	1162
Chennai	2001-02(a)	8285	141029	153700	2616320	12034	204815	170090	2894880	344109	5857044
	2000-01(b)	16520	280946	152830	2599092	12484	212303	170344	2896878	352178	5989219
Tuticorin	2001-02	4831	57300	105105	1222207	2967	8780	100606	910126	213509	2198413
	2000-01	89	1108	78205	939275	136	1779	78548	627569	156978	1569731
New Mangalore	2001-02	-	-	1916	34320	-	-	2013	11603	3929	45923
	2000-01	-	-	925	17754	-	-	966	5918	1891	23672
Cochin	2001-02	10899	208154	43131	936927	686	13872	20976	358193	75692	1517146
	2000-01	11596	178580	48585	753021	845	9997	21409	331839	82435	1273437
Mormugao	2001-02	-	-	3384	36629	-	-	2913	21369	6297	57998
	2000-01	-	-	2359	23889	-	-	2404	18668	4763	42557
J.L.Nehru(f)	2001-02	84462	1224543	163881	2576986	62921	921503	165082	1051599	476346	5774631
	2000-01	...	...	...	...	...	...	...	...	...	...
Mumbai(d)	2001-02	4680	74323	52754	849013	1494	18239	44004	597553	102932	1539128
	2000-01	12941	194726	56953	829723	8816	108482	65463	825174	144173	1958105
Kandla (e)	2001-02	25	100	1871	30460	730	1928	1762	6160	4388	38648
	2000-01	211	1571	374	1855	455	1309	727	2989	1767	7724
Total	2001-02	115727	1748124	613435	9757068	82386	1193515	595613	7170628	1407161	19869335
	2000-01	43908	699931	429305	6447967	23482	341281	426999	5921523	923694	13410702

(a) Includes 784 TEUs (1016 Tons) stuffed and2790 TEUs (49702 Tons) destuffed in port premises
(b) Includes 5509 TEUs (106361 Tonnes) stuffed and 4218 TEUs (84690 Tonnes) destuffed in port premises.
(c) Estimated
(d) Excludes Tare Weight and empty container moved by road except by ICD.
(e) Excludes information of containers moved by road other than ICD & CFS.
(f) Excludes NSICT

Table 2.1.14

Inland Container Depot Movement of Containers at Major Ports - 2000-1 & 2001-2

(TEUs)

PORT	2000-01				2001-02			
	ICD Movement			Total Container Traffic	ICD Movement			Total Container Traffic
	Moved in	Moved out	Total		Moved in	Moved out	Total	
1	2	3	4	5	6	7	8	9
Kolkata Dock System	4	33	37	137845	-	-	-	97985
Haldia Dock Complex	2371	608	2979	50882	1997	1040	3037	93010
Paradip	-	-	-	87	-	-	-	451
Visakhapatnam	44	453	497	20232	328	935	1263	21517
Ennore	-	-	-	-	-	-	-	-
Chennai	17809	11195	29004	352307	9520	10799	20319	344532
Tuticorin	8671	124	8795	156978	18110	2967	21077	213509
Cochin	17596	645	18241	143115	18965	15149	34114	151829
New Mangalore	85	16	101	1891	106	183	289	3929
Mormugao	-	-	-	6220	-	-	-	6247
J.L.Nehru	99816	101111	200927	1189780	102215	78723	180938	1573679
Mumbai	11095	15089	26184	321419	2342	6074	8416	254309
Kandla	544	1378	1922	91534	646	1669	2315	125363
All Ports	**158035**	**130652**	**288687**	**2472290**	**154229**	**117539**	**271768**	**2886360**

Table 2.1.15

Number of Vessels Sailed by Type of Vessels - 2000-01 & 2001-02

Port	Dry Bulk											
	Container		Break Bulk		(Mech.Operation)		(Conv.Operation)		Liquid Bulk		All Types	
	2001-02	2000-01	2001-02	2000-01	2001-02	2000-0(a)	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01
1	2	3	4	5	6	7	8	9	10	11	12	13
Kolkata Dock System	241	255	177	181	-	-	-	-	226	251	644(a)	687(a)
Haldia Dock Complex	352	226	106	88	213	205	188	196	722	728	1529(d)	1405(e)
Paradip	5	3	8	8	215	187	421	445	241	243	890	886
Visakhapatnam	119	104	216(h)	253(g)	130	126	506	548	609	617	1580	1648
Ennore	-	-	-	-	71	-	-	-	-	-	71	-
Chennai	288	339	360(k)	364(f)	99	88	379	532	472	442	1598	1765
Tuticorin	488	442	494	353	138	152	139	110	141	148	1400	1205
Cochin	433	347	194	196	21	24	36	37	295	365	979	969
New Mangalore	63	30	97	111	143	132	37	29	423	432	763	734
Mormugao	54	50	11	14	201(i)	210(j)	155(i)	114(j)	183	180	597	559
J.L.Nehru	1498	1247	50(c)	53(c)	11	12	55	74	269	268	1883	1654
Mumbai	388	472	475	468	-	-	143	134	790	847	1796	1921
Kandla	283	194	370	269	-	-	311	253	728	736	1672	1452
All Ports	**4192**	**3709**	**2558**	**2358**	**1242**	**1136**	**2370**	**2472**	**5099**	**5257**	**15402**	**14885**

(a) Excludes vessels engaged in lighterage operation of Dry Cargo.
(c) Ro-Ro Vessels
(d) 43 Dry bulk vessels worked both in Mechanical and Conventional
9 Vessel carried both Dry Bulk & Break bulk Cargo.
(e) 34 Dry Bulk vessels worked both in mech. and Conv. method.
4 vessels carried both Dry Bulk & Break Bulk cargo.
(f) Includes 11 lash vessels also.
(g) Includes 14 lash vessels.
(h) Includes 6 lash vessels.
(i) 7 vessels are double counted.
(j) 9 vessels are double counted i.e. Dry Bulk conv./Dry Bulk mech
(k) Includes 8 lash vessels.

Note: The figures pertain to only Ships which left after Cargo operations.

Selected Physical Performance Indicators - By Type of Vessels - 2000-01 & 2001-02

Item/Year	Category of Vessels					
	Dry-Bulk (Mech.)	Dry-Bulk (Conv.)	Liquid Bulk	Break-Bulk	Container vessels	All Types
1	2	3	4	5	6	7
1. No. of vessels sailed						
2001-02	1242	2370	5099	2558	4192	15402
2000-01	1136	2472	5257	2358	3709	14885
2. Av. pre-berthing waiting time(days)						
2001-02	1.61	1.86	1.11	2.03	0.82	1.37
2000-01	2.00	1.60	1.25	1.35	0.50	1.19
3. Av. turn round time (days)						
2001-02	4.79	7.54	2.92	6.70	2.70	4.44
2000-01	5.28	7.04	3.27	6.18	2.21	4.24
4. Percentage of idle time at berth to time at working berth						
2001-02	33.6	23.8	28.9	36.6	23.3	29.3
2000-01	29.9	24.2	30.2	36.4	23.7	29.0
5. Output per ship berth day (tonnes)						
2001-02	17003	4954	15099	1218	4951	7024
2000-01	15956	4938	13828	1302	5661	6961

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

2) Total may not tally with breakups since some vessels are double counted in case of HDC&MoPT. (See Table 2.1.15)

Table 2.1.17 Selected Physical Performance Indicators - Major Port-wise - 2000-01& 2001-02

Item	Kandla	Mumbai	Mormu-gao	New Man-galore	Cochin	Tuti-corin	Chennai	Visakha-patnam	Paradip	Haldia Dock Complex	Kolkata Dock System	J.L. Nehru (a)	Ennore	All Ports
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1. No. of vessels sailed														
2001-02	1672	1796	597	763	979	1400	1598	1580	890	1529	644	1883	71	15402
2000-01	1452	1921	559	734	969	1205	1765	1648	886	1405	687	1654	-	14885
2. Av. pre-berthing waiting time(days)														
2001-02	3.10	1.28	1.74	0.76	0.55	1.58	1.96	0.75	1.19	0.91	0.58	0.92	0.42	1.37
2000-01	1.51	1.26	1.32	0.77	0.74	1.40	2.45	0.75	1.41	0.91	0.61	0.67	-	1.19
3. Av. turn round time (days)														
2001-02	6.55	5.47	4.65	2.73	2.75	4.11	5.25	3.51	3.99	4.01	4.71	2.98	3.62	4.44
2000-01	4.72	5.20	4.25	2.89	3.11	4.10	5.83	3.71	4.16	3.97	5.50	2.21	-	4.24
4. % of Idle time at berth to time at working berth														
2001-02	16.0	36.6	17.8	32.8	32.5	34.3	33.3	23.9	31.3	33.4	41.3	10.4	21.0	29.3
2000-01	15.0	30.6	20.8	35.0	34.8	35.4	33.1	27.2	25.5	34.8	42.6	11.0	-	29.0
5. Output per ship berth day (tonnes)														
2001-02	8016	3994	13576	12528	5979	3900	6944	10772	8831	6207	2215	7391	15149	7024
2000-01	8230	4213	12438	12192	6138	3983	6977	9799	8503	6384	2305	8655	-	6961

(a): Excludes NSICT in 2001-02 , except in the case of Number of Vessels

Table 2.1.18

Average Pre-berthing Detention By Type of Vessels - 2000-01 & 2001-02

(In Days)

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01(d)	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01
1	2	3	4	5	6	7	8	9	10	11	12	13
Kolkata Dock System	0.44	0.50	0.47	0.57	-	-	-	-	0.83	0.76	0.58	0.61
Haldia Dock Complex	0.28	0.10	1.16	1.21	0.60	0.64	1.15	1.04	1.13	1.12	0.91	0.91
Paradip	0.32	0.67	1.62	0.37	1.56	2.35	1.03	0.86	1.15	1.74	1.19	1.41
Visakhapatnam	0.29	0.28	0.60	0.51	0.77	1.60	0.86	0.56	0.80	0.92	0.75	0.75
Chennai	3.83	1.29	0.61	1.60	7.85	6.56	0.88	2.95	1.49	2.63	1.96	2.45
Tuticorin	0.44	0.53	2.98	2.52	0.60	1.38	2.27	2.21	0.89	0.74	1.58	1.40
Cochin	0.49	0.38	0.22	0.23	2.02	1.69	0.26	0.29	0.77	1.34	0.55	0.74
New Mangalore	0.18	0.08	0.30	0.23	0.97	1.96	0.31	0.49	0.92	0.61	0.76	0.77
Mormugao	0.11	0.12	5.95	1.84	1.74	1.84	3.15	1.88	0.72	0.58	1.74	1.32
J.L.Nehru	0.70(a)	0.38	0.86(c)	0.47(c)	0.91	2.67	1.35	2.07	1.43	1.60	0.92(a)	0.67
Mumbai (b)	0.74	0.62	1.46	1.30	-	-	2.16	2.42	1.35	1.50	1.28	1.26
Kandla	0.86	0.55	6.05	2.42	-	-	5.88	2.53	1.22	1.08	3.10	1.51
Ennore	-	-	-	-	0.42	-	-	-	-	-	0.42	-
All Ports	**0.82**	**0.50**	**2.03**	**1.35**	**1.61**	**2.00**	**1.86**	**1.60**	**1.11**	**1.25**	**1.37**	**1.19**

(a) Excludes NSICT.

(b) Excludes stream vessels.

(c) Vehicles Carrier.

Table 2.1.19

Average Turn Round Time - By Type Of Vessels - 2000-01 & 2001-02

(In Days)

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01
1	2	3	4	5	6	7	8	9	10	11	12	13
Kolkata Dock System	3.68	4.55	6.95	7.81	-	-	-	-	4.05	4.79	4.71	5.50
Haldia Dock Complex	2.54	2.13	8.30	7.51	4.37	4.19	7.95	8.15	2.68	2.71	4.01	3.97
Paradip	1.47	1.86	3.47	3.31	4.06	5.56	4.79	4.08	2.64	3.30	3.99	4.16
Visakhapatnam	1.65	1.76	3.88	3.73	4.04	4.94	4.90	4.89	2.47	2.72	3.51	3.71
Chennai	6.95	3.89	4.43	5.74	10.53	9.07	6.23	7.84	3.03	4.45	5.25	5.83
Tuticorin	0.96	1.01	6.53	6.85	4.27	5.61	8.14	7.95	2.46	2.35	4.11	4.10
Cochin	1.97	1.97	2.72	3.51	11.12	9.35	7.13	6.77	2.77	3.21	2.75	3.11
New Mangalore	0.67	0.61	4.03	4.06	2.61	3.69	6.99	8.45	2.41	2.13	2.73	2.89
Mormugao	0.84	0.87	10.06	6.52	5.09	4.70	7.99	7.94	1.94	1.94	4.65	4.25
J.L.Nehru	2.46(a)	1.28	1.31(b)	1.15(b)	9.28	10.58	6.13	7.40	3.73	4.93	2.98(a)	2.21
Mumbai	3.60	3.80	8.37	7.20	-	-	15.13	14.94	2.91	3.32	5.47	5.20
Kandla	2.53	2.48	11.41	7.85	-	-	12.23	8.08	3.11	3.01	6.55	4.72
Ennore	-	-	-	-	3.62	-	-	-	-	-	3.62	-
All Ports	**2.70**	**2.21**	**6.76**	**6.18**	**4.79**	**5.28**	**7.54**	**7.04**	**2.92**	**3.27**	**4.44**	**4.24**

(a) Excludes NSICT.

(b) Ro Ro Vessels.

Table 2.1.20 **Percentage Of Idle Time At Berth To Time At Working Berth - By Type Of Vessels - 2000-01 & 2001-02**

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01
1	2	3	4	5	6	7	8	9	10	11	12	13
Kolkata Dock System	33.0	26.9	45.8	44.6	-	-	-	-	43.6	57.1	41.3	42.6
Haldia Dock Complex	27.7	30.5	33.4	33.1	47.2	50.4	25.5	27.8	37.8	37.2	33.4	34.8
Paradip	34.1	19.7	43.5	40.3	56.8	23.2	26.9	26.4	...	...	31.3	25.5
Visakhapatnam	31.8	32.0	22.2	26.0	32.9	39.0	17.2	21.0	34.3	37.4	23.9	27.3
Chennai	...	32.3	45.8	47.6	43.9	45.3	27.3	27.3	22.8	22.9	33.3	33.1
Tuticorin	25.2	30.0	41.5	44.9	18.5	17.2	34.2	36.2	25.9	28.9	34.3	35.4
Cochin	24.8	29.4	45.8	56.4	25.2	24.9	37.2	37.9	29.0	31.1	32.5	34.8
New Mangalore	41.9	40.0	48.1	49.0	27.3	31.0	44.9	46.0	20.1	21.0	32.8	35.0
Mormugao	11.5	11.8	14.0	19.4	20.7	22.3	11.9	13.9	31.0	38.7	17.8	20.8
J.L.Nehru	7.9(b)	10.4	12.1(a)	14.3(a)	21.3	6.6	3.8	6.8	15.8	15.2	10.4(b)	11.0
Mumbai(a)	26.4	23.2	42.3	34.6	-	-	37.5	31.9	28.8	29.4	36.6	30.6
Kandla	16.0	16.0	11.0	9.0	-	-	13.0	10.0	26.0	27.0	16.0	15.0
Ennore	-	-	-	-	21.0	-	-	-	-	-	21.0	-
All Ports	**23.3**	**23.7**	**36.6**	**36.4**	**33.6**	**29.9**	**23.8**	**24.2**	**28.9**	**30.2**	**29.3**	**29.0**

(a) Ro-Ro vessels.

(b) Excludes NSICT.

Table 2.1.21 **Output Per Ship Berthday - By Type Of Vessels - 2000-01 & 2001-02** (Tonnes)

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01
1	2	3	4	5	6	7	8	9	10	11	12	13
Kolkata Dock System	2258	2602	558	463	-	-	-	-	5381	4700	2215	2305
Haldia Dock Complex	2378	2181	973	1314	9119	9121	3529	3228	14918	14271	6207	6384
Paradip	548	2256	904	2669	16253	12033	6639	7255	8173	8450	8831	8503
Visakhapatnam	2152	1938	1587	1853	21764	22193	7702	6997	20604	18659	10772	9799
Ennore	-	-	-	-	15149	-	-	-	-	-	15149	-
Chennai	6577	6848	773	890	28575	32533	6025	6467	13538	12924	6944	6977
Tuticorin	9346	8102	1207	1256	10479	8912	3617	3604	4470	4833	3900	3983
Cochin	3249	3294	787	1033	2386	2551	2471	1958	16229	15939	5979	6138
New Mangalore	1368	1440	1416	1344	28128	25152	2592	2352	18168	19080	12528	12192
Mormugao	1692	1356	2006	2620	25324	26272	6141	4183	7227	6115	13576	12438
J.L.Nehru	10540(a)	12403	1474(c)	1936	3277	3701	2973	2906	5730	5342	7391	8655
Mumbai(b)	3287	3148	1061	1339	-	-	1179	1037	16392	13239	3994	4213
Kandla(b)	4492	4012	2397	2086	-	-	3613	3468	21652	21349	8016	8230
All Ports	**4951**	**5661**	**1218**	**1302**	**17003**	**15956**	**4954**	**4938**	**15099**	**13828**	**7024**	**6961**

(a) Excludes NSICT

(b) Excludes stream vessels.

(c) Ro Ro Vessels.

Table 2.1.22 Commodity-wise Average Pre-Berthing Detention - 2000-01 & 2001-02

(In Days)

Port ---> Commodity	Year	Kolkata Dock System	Haldia Dock Complex	Paradip	Visakh-apatnam	Ennore	Chennai	Tuticorin	Cochin	New Mangalore	Mormugao	Mumbai (d)	Kandla	J L Nehru
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
P.O.L, Crude	2001-02	0.20	1.36	-	1.03	-	0.90	-	0.95	0.20	-	2.04	0.96	. . .
Product		0.82	1.00	0.83	0.54	-	1.50	0.84	0.62	1.13	0.60	1.23	1.65	. . .
POL	2000-01	0.60	1.23	1.66	0.98	-	3.10	0.67	1.33	0.68	0.60	1.86	1.01	. . .
Iron Ore	2001-02	-	0.89	2.42	0.74	-	7.80	-	-	1.05	1.64	-	-	. . .
	2000-01	-	1.64	2.28	1.69	-	6.60	-	-	0.22	1.80	-	-	. . .
Coking Coal	2001-02	-	0.81	0.57	1.10	-	0.86	1.81	-	0.15	4.30	-	-	-
	2000-01	-	0.70	0.52	0.80	-	-	0.88	0.11	0.07	2.88	-	-	-
Thermal Coal	2001-02	-	0.41	0.99	0.30	0.42	0.40	0.60	-	-	5.70	-	-	-
	2000-01	-	0.52	0.64	0.15	-	2.70	1.38	-	-	2.44	-	-	-
Fertilisers	2001-02	-	1.98	-	0.73	-	1.50	5.49	0.15	0.47	4.98	1.52	4.15	. . .
	2000-01	-	2.02	-	0.48	-	4.20	5.35	0.09	1.24	2.99	2.09	0.58	. . .
Raw Materials	2001-02	-	1.78	1.13	0.62	-	1.60	2.22	1.80	0.04	-	2.33	3.96	. . .
(Dry)	2000-01	-	2.37	3.44	0.69	-	3.60	2.25	0.42	0.02	-	3.01	1.13	. . .
Other Dry Bulk	2001-02	-	1.33	1.23	1.04	-	1.90	1.93	0.33	0.55	2.97	1.99	6.02	1.32(a)
	2000-01	-	1.30	1.78	0.85	-	4.80	1.99	0.68	1.05	0.83	1.50	2.43	2.15(a)
Other Lqd. Bulk	2001-02	0.96	1.03	2.55	0.65	-	1.70	0.90	0.74	0.65	1.13	0.83	1.24	1.43(b)
	2000-01	0.92	0.85	0.17	0.56	-	2.00	0.77	0.42	0.51	0.49	0.81	1.17	1.60(b)
General Cargo	2001-02	0.47	1.09	1.62	0.60	-	0.60	2.98	0.22	0.30	5.94	1.46	6.08	0.86(c)
	2000-01	0.57	0.98	0.37	0.51	-	1.60	2.52	0.58	0.23	1.71	1.30	2.37	0.47(c)
Containers	2001-02	0.44	0.28	0.31	0.29	-	3.83	0.44	0.49	0.18	0.11	0.74	0.86	0.70(e)
	2000-01	0.50	0.10	0.67	0.28	-	1.29	0.53	0.38	0.08	0.12	0.62	0.55	0.38
Total	2001-02	0.58	0.91	1.19	0.75	0.42	1.96	1.58	0.55	0.76	1.74	1.28	3.10	0.92
	2000-01	0.61	0.91	1.41	0.75	-	2.45	1.40	0.74	0.77	1.32	1.26	1.51	0.67

(a) - Dry Bulk
(b) - Liquid Bulk
(c) - Ro-Ro Vessels.
(d) Excludes stream vessels.
(e) Excludes NSICT.

Table 2.1.23 Commodity-wise Average Turn Round Time 2000-01 & 2001-02

(In Days)

Port ---> Commodity	Year	Kolkata Dock System	Haldia Dock Complex	Paradip	Visakh-apatnam	Ennore	Chennai	Tuti-corin	Cochin	New Mangalore	Mormu-goa	Mumbai (d)	Kandla	J.L.Nehru
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
P.O.L, Crude Products	2001-02	4.69	2.76	-	2.57	-	2.60	-	2.72	1.81	-	3.59	2.49	. . .
		4.03	2.49	2.11	2.50	-	3.10	2.94	2.79	2.75	1.80	3.19	3.62	. . .
POL	2000-01	5.43	2.68	3.06	2.86	-	5.00	2.58	3.20	2.12	1.96	4.03	2.86	. . .
Iron Ore	2001-02	-	4.01	5.15	3.10	-	10.50	-	-	2.40	5.19	-	-	. . .
	2000-01	-	5.14	4.76	4.43	-	9.10	-	-	3.60	4.75	-	-	. . .
Coking Coal	2001-02	-	6.42	3.87	4.45	-	5.08	5.92	-	7.16	9.43	-	-	-
	2000-01	-	6.39	3.72	4.14	-	-	5.37	7.34	7.30	9.30	-	-	-
Thermal Coal	2001-02	-	3.45	4.16	4.18	3.62	4.40	4.27	6.82	-	12.05	-	-	-
	2000-01	-	3.33	3.29	4.05	-	6.80	5.61	-	-	7.72	-	-	-
Fertilisers	2001-02	-	12.90	-	6.44	-	14.30	15.55	6.51	8.38	9.73	17.72	12.67	. . .
	2000-01	-	12.18	-	7.13	-	17.90	13.52	7.97	13.21	9.00	19.23	6.32	. . .
Raw Materials	2001-02	-	11.30	3.71	5.65	-	6.70	11.01	11.16	2.53	-	14.19	7.75	. . .
	2000-01	-	14.87	7.80	5.76	-	9.70	9.13	6.02	2.35	-	18.18	5.89	. . .
Other Dry Bulk	2001-02	-	9.78	5.83	5.44	-	10.00	6.60	7.62	3.86	7.64	22.09	12.46	6.65(a)
	2000-01	-	10.29	5.01	5.73	-	13.40	7.13	11.12	4.58	6.64	16.58	8.41	7.85(a)
Other Lqd. Bulk	2001-02	3.94	2.81	4.62	2.11	-	3.20	2.31	1.83	1.45	2.44	2.61	3.18	3.73(b)
	2000-01	4.19	2.79	1.05	1.90	-	3.70	2.25	1.32	2.15	1.83	3.06	3.14	4.93(b)
General Cargo	2001-02	6.95	7.85	3.47	3.88	-	4.40	6.53	2.72	4.03	10.06	8.71	11.41	1.31(c)
	2000-01	7.81	6.53	3.31	3.73	-	5.70	6.85	4.83	4.06	7.42	7.64	7.85	1.15(c)
Containers	2001-02	3.68	2.54	1.47	1.65	-	6.95	0.96	1.97	0.67	0.84	3.60	2.53	2.46(e)
	2000-01	4.55	2.13	1.86	1.76	-	3.89	1.01	1.97	0.61	0.87	3.80	2.48	1.28
Total	2001-02	4.71	4.01	3.99	3.51	3.62	5.25	4.11	2.75	2.73	4.65	5.71	6.55	2.98
	2000-01	5.50	3.97	4.16	3.71	-	5.83	4.10	3.11	2.89	4.25	5.51	4.72	2.21

(a) - Dry Bulk
(b) - Liquid Bulk
(c) - Ro-Ro Vessels
(d) - Excludes stream vessels.
(e) - Excludes NSICT.

Table 2.1.24 Commodity-wise Average Non-Working Time at Berth - 2000-01 & 2001-02

(In Days)

Port ---> Commodity	Year	Kolkata Dock System	Haldia Dock Complex	Paradip	Visakh-apatnam	Ennore	Chennai	Tuti-corin	Cochin	New Mangalore	Mormu-goa	Mumbai	Kandla	J.L.Nehru
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
P.O.L, Crude Product	2001-02	2.17	0.39	-	0.61	-	0.30	-	0.31	0.28	-	0.37	0.17	...
		0.88	0.45	...	0.50	-	0.40	0.57	0.65	0.28	0.39	0.44	0.53	...
POL	2000-01	2.38	0.41	...	0.56	-	0.50	0.63	0.32	0.32	0.54	0.52	0.39	...
Iron Ore	2001-02	-	1.41	1.34	0.99	-	1.10	-	-	0.41	0.66	-	-	...
	2000-01	-	1.80	1.25	0.98	-	1.10	-	-	0.55	0.61	-	-	...
Coking Coal	2001-02	-	1.16	0.89	0.61	-	1.09	1.02	-	1.96	0.51	-	-	-
	2000-01	-	1.49	0.66	0.62	-	-	1.31	-	3.06	0.46	-	-	-
Thermal Coal	2001-02	-	1.43	0.80(c)	0.49	0.58	1.00	0.66	2.61	-	0.10	-	-	-
	2000-01	-	1.22	0.74	0.59	-	1.00	0.72	2.38	-	0.43	-	-	-
Fertilisers	2001-02	-	2.59	-	1.08	-	4.30	2.57	1.55	3.89	0.81	4.11	0.80	...
	2000-01	-	3.35	-	1.55	-	4.40	2.52	1.54	5.50	1.04	3.09	0.64	...
Raw Materials	2001-02	-	2.44	...	0.93	-	1.50	2.11	2.28	1.25	-	2.53	0.47	...
	2000-01	-	5.07	2.00	1.38	-	2.10	2.16	1.88	1.13	-	3.15	0.78	...
Other Dry Bulk	2001-02	-	1.97	1.19	0.79	-	2.20	1.65	2.12	0.88	0.60	6.99	0.66	0.48(a)
	2000-01	-	2.08	1.23	0.91	-	2.50	2.02	2.39	0.97	1.07	5.03	0.77	0.31(a)
Other Lqd. Bulk	2001-02	0.68	0.44	...	0.37	-	0.30	0.33	0.21	0.18	0.23	0.50	0.50	0.29(b)
	2000-01	0.83	0.49	...	0.33	-	0.30	0.36	0.30	0.26	0.29	0.57	0.48	0.31(b)
General Cargo	2001-02	2.35	1.99	0.77	0.70	-	1.70	1.39	1.10	1.74	0.57	2.76	0.50	0.04(e)
	2000-01	2.54	1.82	1.24	0.71	-	1.90	1.82	1.71	1.81	0.90	1.88	0.61	0.06(e)
Containers	2001-02	0.85	0.49	0.37	0.40	-	...	0.12	0.32	0.18	0.07	0.65	0.24	0.08(d)
	2000-01	0.82	0.51	0.22	0.44	-	0.83	0.13	0.43	0.18	0.08	0.62	0.28	0.09
Total	2001-02	1.28	0.84	1.05	0.63	0.58	1.10	0.81	0.67	0.60	0.50	1.39	0.46	0.16
	2000-01	1.55	0.94	0.79	0.77	-	1.11	0.91	0.77	0.69	0.59	1.08	0.51	0.14

(a) - Dry Bulk (c) Excludes thermal coal vessels handled at MCHP berth.
(b) - Liquid Bulk (d) Excludes NSICT. (e) Ro-Ro vessels.

Table 2.1.25 Commodity-wise Output per Ship Berth Day - 2000-01 & 2001-02

(In Tonnes)

Port ---> Commodity	Year	Kolkata Dock System	Haldia Dock Complex	Para-dip	Visakh-apatnam	Ennore	Chennai	Tuti-corin	Cochin	New Mangalore	Mormu-goa	Mumbai (d)	Kandla	J.L.Nehru
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL, Crude	2001-02	16232	27729	-	37238	-	40268	-	32427	59928	-	42763	86389	. . .
Product		2920	13110	8359	7576	-	7651	5514	5783	10371	7286	8987	5214	. . .
POL	2000-01	6156	18690	8952	20346	-	19174	4814	16024	29808	6161	18271	41813	. . .
Iron Ore	2001-02	-	12272	15177	39812	-	28575	-	-	40104	23028	-	-	. . .
	2000-01	-	-	18593	40572	-	32533	-	-	33744	25174	-	-	. . .
Coking Coal	2001-02	-	5610	8299	10376	-	10685	8800	-	4104	8761	-	-	-
	2000-01	-	5116	8446	9388	-	-	8314	5002	3312	8287	-	-	-
Thermal Coal	2001-02	-	12470	9691	9545	15149	8974	10479	4694	-	7272	-	-	-
	2000-01	-	13638	9241	9388	-	8295	8909	-	-	8995	-	-	-
Fertilisers	2001-02	-	1334	-	4014	-	2022	2878	2881	1776	3129	1284	4020	. . .
	2000-01	-	1164	-	3774	-	1877	3440	1815	1800	2278	1192	5445	. . .
Raw Materials	2001-02	-	1631	16246	3901	-	2405	2816	1920	1968	-	1422	5016	. . .
	2000-01	-	1238	7854	3513	-	2423	2782	2901	1752	-	994	4074	. . .
Other Dry Bulk	2001-02	-	2366	3247	6372	-	3096	3157	1723	4224	3584	1029	3400	3293(a)
	2000-01	-	2679	3591	5775	-	2284	2648	1356	3744	3614	1051	3071	3017(a)
Other Liquid Bulk	2001-02	2133	5010	7632	4619	-	4264	3969	6534	6453	7028	2725	5276	5730(b)
	2000-01	1872	5066	1911	4841	-	4015	4844	3768	5280	5769	2890	4820	5342(b)
General Cargo	2001-02	558	938	904	1587	-	773	1207	1247	1416	2006	1061	2234	1474(c)
	2000-01	463	1408	2669	1853	-	890	1256	886	1344	2565	1339	2397	1936(c)
Containers	2001-02	2258	2378	548	2152	-	6577	9346	3249	1368	1692	3287	4492	10540(e)
	2000-01	2602	2181	2256	1938	-	6848	8102	3294	1440	1356	3148	4012	12403
Total	2001-02	2215	6207	8831	10772	15149	6944	3900	5979	12528	13576	3994	8016	7391
	2000-01	2305	6384	8503	9799	-	6977	3983	6138	12192	12438	4213	8230	8655

(a) Dry Bulk
(b) Liquid Bulk
(c) Ro-Ro Vessels.
(d) Excludes stream vessels.
(e) Excludes NSICT.

Table 2.1.26

Average Pre-berthing Detention on Port & Non Port Account -Major Port-wise - 2000-01 & 2001-02

(In Days)

Port	2001-02			2000-2001		
	Total	Port A/c	Non-Port A/c	Total	Port A/c	Non-Port A/c
1	2	3	4	5	6	7
Kolkata Dock System	0.58	0.01	0.57	0.61	0.05	0.56
Haldia Dock Complex	0.91	0.16	0.75	0.91	0.15	0.76
Paradip	1.19	0.46	0.85	1.41	0.37	1.04
Visakhapatnam	0.75	0.23	0.52	0.75	0.27	0.48
Ennore	0.42	0.42	-	-	-	-
Chennai	1.96	1.02	0.94	2.45	1.55	0.90
Tuticorin	1.58	0.44	1.14	1.40	0.66	0.74
Cochin	0.55	0.11	0.44	0.74	0.13	0.61
New Mangalore	0.76	0.25	0.51	0.77	0.18	0.59
Mormugao	1.74	1.22	0.52	1.32	0.51	0.81
J.L.Nehru(a)	0.92	0.42	0.50	0.89	0.42	0.47
Mumbai(b)	1.28	0.38	0.90	1.26	0.34	0.92
Kandla	3.10	0.97	2.13	1.51	0.51	1.00
All Ports	1.37	0.48	0.89	1.19	0.46	0.73

(a) Excludes container vessels handled at NSICT.

(b) Excludes stream vessels.

Table 2.1.27 Reason-wise, Major Port-wise Average Pre-berthing Detention - 2000-01

Sl. No.	Category Of Ships	No. Of Ships	Reason-wise average pre-berthing delay (in days)								
			Non-avail. of Berth	Non-avail. of Tug/Craft	Non-avail. Of Pilot	Night Navigation Restriction	Draft Restric-tion	Shippers/ Ships/ Agents Option	Others	Lack of cargo	Total
1	2	3	4	5	6	7	8	9	10	11	12
	Kolkata Dock System										
1.	Container	255	-	-	0.01	-	-	0.11	0.38(N)	-	0.50
2.	Break Bulk	181	-	-	-	-	-	0.13	0.44(N)	-	0.57
3.	Dry Bulk	-	-	-	-	-	-	-	-	-	-
4.	Liquid Bulk	251	-	-	0.02	-	-	0.21	.53(0.09)(c)	-	0.76
	Total	687	-	-	0.03	-	-	0.14	0.46(0.04)	-	0.61
	Haldia Dock Complex										
1.	Container	226	0.05	-	-	-	-	-	0.05(-)	-	0.10
2.	Break Bulk	88	0.32	-	0.04	-	-	0.57	0.28(-)	-	1.21
3.	Dry Bulk(M)	205	0.25	-	-	-	-	0.16	0.23(c)	-	0.64
	(C)	196	0.42	-	-	-	-	0.32	0.30(-)	-	1.04
4.	Liquid Bulk	728	0.04	-	-	-	-	0.83	0.25(-)	-	1.12
	Total	1404(b)	0.15	-	Neg.	-	-	0.54	0.22(-)	-	0.91
	New Mangalore										
1.	Container	30	-	-	-	-	-	0.01	0.07(-)	-	0.08
2.	Break Bulk	111	-	-	-	-	-	0.12	0.11(0.04)	-	0.23
3.	Dry Bulk	161	0.06	-	-	-	-	1.59	0.05(0.02)	-	1.70
4.	Liquid Bulk	432	0.24	-	-	-	-	0.29	0.08(0.02)	-	0.61
	Total	734	0.16	-	-	-	-	0.53	0.08(0.02)	-	0.77

Note: Figures within bracket relates to Port Account
(b) 34 dry bulk vessels worked both in mechanical and conventional method. 4 vessels carried both Dry Bulk and Break Bulk cargo
(M) Mechanised. (C) Conventional (c) Opertional/Navigational reasons. N / Neg.: Negligible

Table 2.1.27(Contd...) Reason-wise, Major Port-wise Average Pre-berthing Detention - - 2000-01

Sl. No.	Category Of Ships	No. Of Ships	Reason-wise average pre-berthing delay (in days)								
			Non-avail. of Berth	Non-avail. of Tug/Craft	Non-avail. Of Pilot	Night Navigation Restriction	Draft Restric-tion	Shippers/ Ships/ Agents Option	Others	Lack Of Cargo	Total
1	2	3	4	5	6	7	8	9	10	11	12
	Paradip										
1.	Container	3	-	-	-	0.11	-	-	0.56(-)	-	0.67
2.	Break Bulk	8	0.24	-	-	0.08	-	-	0.05(-)	-	0.37
3.	Dry Bulk(M)	187	0.44	-	-	0.06	-	1.82	0.03(-)	-	2.35
	(C)	445	0.43	-	-	0.07	-	0.26	0.10(-)	-	0.86
4.	Liquid Bulk	243	0.02	-	-	0.03	-	1.67	0.02(-)	-	1.74
	Total	886	0.32	-	-	0.05	-	0.97	0.07(-)	-	1.41
	Mumbai										
1.	Container	472	0.16	-	-	-	-	0.40	0.06(0.06)	-	0.62
2.	Break Bulk	468	0.24	-	-	-	-	1.00	0.06(0.06)	-	1.30
3.	Dry Bulk	134	0.41	-	-	-	-	1.95	0.06(0.06)	-	2.42
4.	Liquid Bulk	847	0.36	-	-	-	-	1.07	0.07(0.07)	-	1.50
	Total	1921	0.28	-	-	-	-	0.92	0.06(0.06)	-	1.26
	Chennai										
1.	Container	339	1.05	-	Neg.	0.03	-	0.20	0.01(...)	-	1.29
2.	Break Bulk	364	1.09	-	Neg.	0.03	-	0.48	Neg(...)	-	1.60
3.	Dry Bulk(M)	88	3.51	-	-	0.04	-	3.00	0.01(...)	-	6.56
	(C)	532	2.50	-	Neg.	0.06	-	0.38	0.01(...)	-	2.95
4.	Liquid Bulk	442	0.52	-	Neg.	0.10	-	1.99	0.02(...)	-	2.63
	Total	1765	1.50	-	Neg.	0.05	-	0.89	0.01(...)	-	2.45

(M) Mechanised. (C) Conventional. Neg. : Negligible.

Note : Information of Ennore Port is not available.

Table 2.1.27(Contd...) Reason-wise, Major Port-wise Average Pre-berthing Detention - 2000-01

Sl. No.	Category Of Ships	No. Of Ships	Reason-wise average pre-berthing delay (in days)								
			Non-avail. of Berth	Non-avail. of Tug/Craft	Non-avail. Of Pilot	Night Navigation Restriction	Draft Restric-tion	Shippers/ Ships/ Agents Option	Others	Lack Of Cargo	Total
1	2	3	4	5	6	7	8	9	10	11	12
	Cochin										
1.	Container	347	0.08	-	-	-	-	0.30	-	-	0.38
2.	Break Bulk	196	0.05	-	-	-	-	0.18	-	-	0.23
3	Dry Bulk(M)	24	-	-	-	-	-	1.69	-	-	1.69
	(C)	37	-	-	-	-	-	0.29	-	-	0.29
4	Liquid Bulk	365	0.24	-	-	Neg	-	1.08	0.02(-)	-	1.34
	Total	969	0.13	-	-	Neg	-	0.60	0.01(-)	-	0.74
	Tuticorin										
1.	Container	442	0.12	-	-	-	-	0.40	0.01(0.01)	-	0.53
2.	Break Bulk	353	0.79	0.05	-	-	0.04	1.62	0.02(0.02)	-	2.52
3.	Dry Bulk(M)	152	1.37	-	-	-	-	-	0.01(0.01)	-	1.38
	(C)	110	1.48	0.02	-	-	0.01	0.68	0.02(0.02)	-	2.21
4.	Liquid Bulk	148	0.26	-	-	0.06	-	0.37	0.01(0.01)	0.04(d)	0.74
	Total	1205	0.61	0.02	-	0.01	0.01	0.73	0.01(0.01)	0.01(d)	1.40
	Mormugao										
1.	Container	50	0.06	-	-	0.06	-	Neg	-	-	0.12
2.	Break Bulk	14	0.82	-	-	0.08	-	0.94	-	-	1.84
3.	Dry Bulk(M)	210(c)	0.45	-	-	0.01	-	0.13	-	1.25	1.84
	(C)	114(c)	0.82	-	-	0.04	-	0.89	0.03(...)	0.10	1.88
4.	Liquid Bulk	180	0.33	-	-	0.05	-	0.19	0.01(d)	-	0.58
	Total	559	0.47	-	-	0.04	-	0.31	0.01	0.49	1.32

(c) 9 vessels are double counted i.e.for Dry Bulk conventional / Dry Bulk Mech (d): Lack of ullage

(M) Mechanised. (C) Conventional.

Table 2.1.27(Contd...) Reason-wise, Major Port-wise Average Pre-berthing Detention - 2000-01

Sl. No.	Category Of Ships	No. Of Ships	Reason-wise average pre-berthing delay (in days)								
			Non-avail. of Berth	Non-avail. of Tug/Craft	Non-avail. Of Pilot	Night Navigation Restriction	Draft Restric-tion	Shippers/ Ships/ Agents Option	Others	Lack Of Cargo	Total
1	2	3	4	5	6	7	8	9	10	11	12
	Visakhapatnam										
1.	Container	104	0.07	Neg	-	-	-	0.05	0.10(0.08)	0.06	0.28
2.	Break Bulk	253	0.09	Neg	-	-	-	0.21	0.13(0.11)	0.08	0.51
3.	Dry Bulk(M)	126	0.29	Neg	-	0.02	-	1.21	0.08(0.05)	-	1.60
	(C)	548	0.23	Neg	Neg	0.05	-	0.18	0.09(0.06)	0.01	0.56
4.	Liquid Bulk	617	0.12	Neg	Neg	0.06	-	0.17	0.57(0.06)	-	0.92
	Total	1648	0.16	Neg	Neg	0.04	-	0.25	0.28(0.07)	0.02	0.75
	Kandla										
1.	Container	194	0.04	-	0.01	0.01	0.11	0.34	0.04(...)	-	0.55
2.	Break Bulk	269	0.62	-	0.05	0.03	0.34	1.38	-	-	2.42
3.	Dry Bulk(M)	-	-	-	-	-	-	-	-	-	-
	(C)	253	0.81	-	0.07	0.05	0.36	1.24	-	-	2.53
4.	Liquid Bulk	736	0.13	-	0.01	Neg.	Neg.	0.73	0.21(...)	0.06(b)	1.08
	Total	1452	0.32	-	0.03	0.02	0.14	0.89	0.11(...)	0.03	1.51
	J.L.Nehru(a)										
1.	Container	1247	0.18	-	-	-	0.01	0.21	-	-	0.38
2.	Break Bulk	53(d)	0.26	-	-	-	Neg	0.21	-	-	0.47
3.	Dry Bulk	86	0.99	-	-	-	0.04	1.12	-	-	2.15
4.	Liquid Bulk	268	0.60	-	-	-	0.13	0.87	-	-	1.60
	Total	1654	0.38	-	-	-	0.04	0.47	-	-	0.67

(a): While the No. of ships and total average PBD relates to all vessels. Break-up of Average PBD excludes container vesels handled at NSICT. (M) Mechanised. (C) Conventional (d) Ro-Ro vessels

Table 2.1.27(Contd...) Reason-wise, Major Port-wise Average Pre-berthing Detention - 2001-02

Sl. No.	Category Of Ships	No. Of Ships	Reason-wise average pre-berthing delay (in days)								
			Non-avail. of Berth	Non-avail. of Tug/Craft	Non-avail. Of Pilot	Night Navigation Restriction	Draft Restric-tion	Shippers/ Ships/ Agents Option	Others	Lack Of Cargo	Total
1	2	3	4	5	6	7	8	9	10	11	12
	Paradip										
1.	Container	5	-	-	-	0.14	-	-	0.17(-)	-	0.31
2.	Break Bulk	8	0.09	-	-	0.06	-	1.03	0.44(-)	-	1.62
3.	Dry Bulk(M)	215	0.89	-	-	0.04	-	0.57	0.06(-)	-	1.56
	(C)	421	0.39	-	-	0.06	-	0.49	0.09(-)	-	1.03
4.	Liquid Bulk	241	0.02	-	-	0.05	-	1.05	0.03(-)	-	1.15
	Total	890	0.41	-	-	0.05	-	0.66	0.07(-)	-	1.19
	Mumbai (d)										
1.	Container	388	0.22	-	-	-	-	0.48	0.04(0.04	-	0.74
2.	Break Bulk	475	0.36	-	-	-	-	1.06	0.04(0.04	-	1.46
3.	Dry Bulk	143	0.53	-	-	-	-	1.59	0.04(0.04	-	2.16
4.	Liquid Bulk	790	0.31	-	-	-	-	0.96	0.08(0.08	-	1.35
	Total	1796	0.32	-	-	-	-	0.90	0.06(0.06	-	1.28
	Chennai										
1.	Container	288	3.05	-	Neg.	0.03	-	0.49	0.26(...)	-	3.83
2.	Break Bulk	360	0.21	-	Neg.	0.03	-	0.36	0.01(...)	-	0.61
3.	Dry Bulk(M)	99	3.82	-	-	0.05	-	3.92	0.06(...)	-	7.85
	(C)	379	0.34	-	Neg.	0.06	-	0.48	Neg.	-	0.88
4.	Liquid Bulk	472	0.23	-	Neg.	0.04	-	1.20	0.02(...)	-	1.49
	Total	1598	0.98	-	Neg.	0.04	-	0.88	0.06(...)	-	1.96

(M) Mechanised. (C) Conventional. (d) Information excludes stream vessels except No. of vessels.
Neg. : Negligible.

Table 2.1.27(Contd...) Reason-wise, Major Port-wise Average Pre-berthing Detention - 2001-02

Sl. No.	Category Of Ships	No. Of Ships	Reason-wise average pre-berthing delay (in days)								
			Non-avail. of Berth	Non-avail. of Tug/Craft	Non-avail. Of Pilot	Night Navigation Restriction	Draft Restric-tion	Shippers/ Ships/ Agents Option	Others	Lack Of Cargo	Total
1	2	3	4	5	6	7	8	9	10	11	12
	Cochin										
1.	Container	433	0.11	-	-	-	-	0.38	-	-	0.49
2.	Break Bulk	194	0.05	-	-	-	-	0.17	-	-	0.22
3	Dry Bulk(M)	21	-	-	-	-	-	2.02	-	-	2.02
	(C)	36	-	-	-	-	-	0.26	-	-	0.26
4	Liquid Bulk	295	0.17	-	-	Neg.	-	0.59	0.01(-)	-	0.77
	Total	979	0.11	-	-	Neg.	-	0.43	0.01(-)	-	0.55
	Tuticorin										
1.	Container	488	0.03	-	-	-	-	0.40	0.01(0.01	-	0.44
2.	Break Bulk	494	0.67	-	-	-	0.01	2.29	0.01(0.01	-	2.98
3.	Dry Bulk(M)	138	0.58	-	-	-	-	0.01	0.01(0.01	-	0.60
	(C)	139	0.96	-	-	-	-	1.30	0.01(0.01	-	2.27
4.	Liquid Bulk	141	0.18	-	-	0.05	-	0.62	0.01(0.01	0.03(a)	0.89
	Total	1400	0.42	-	-	0.01	Neg.	1.14	0.01(0.01	Neg	1.58
	Mormugao										
1.	Container	54	0.07	-	-	0.03	-	0.01	-	-	0.11
2.	Break Bulk	11	4.15	-	-	-	-	-	-	1.80	5.95
3.	Dry Bulk(M)	201	0.65	-	-	Neg	-	0.32	-	0.77	1.74
	(C)	155	2.82	-	Neg	0.04	-	0.25	-	0.04	3.15
4.	Liquid Bulk	183	0.51	-	-	0.04	-	0.17	-	-	0.72
	Total	597	1.19	-	Neg	0.03	-	0.22	-	0.30	1.74

(c) 7 vessels are double counted i.e.for Dry Bulk conventional / Dry Bulk Mechanical.
(M) Mechanised. (C) Conventional. (a): Want of Ullage

Table 2.1.27(Contd...) Reason-wise, Major Port-wise Average Pre-berthing Detention - 2001-02

Sl. No.	Category Of Ships	No. Of Ships	Reason-wise average pre-berthing delay (in days)									
			Non-avail. of Berth	Non-avail. of Tug/Craft	Non-avail. Of Pilot	Night Navigation Restriction	Draft Restric-tion	Shippers/ Ships/ Agents Option	Others	Lack Of Cargo	Total
1	2	3	4	5	6	7	8	9	10	11	12
	Kolkata Dock System										
1.	Container	241	-	-	Neg	-	-	0.20	0.24(-)	-	0.44
2.	Break Bulk	177	-	Neg	-	-	-	0.08	0.39(-)	-	0.47
3.	Dry Bulk	-	-	-	-	-	-	-	-	-	-
4.	Liquid Bulk	226	-	-	Neg	0.02(c)	-	0.45	0.36(-)	-	0.83
	Total	644(a)	-	Neg	Neg	0.01(c)	-	0.25	0.32(-)	-	0.58
	Haldia Dock Complex										
1.	Container	352	0.14	-	-	-	-	0.03	0.11(-)	-	0.28
2.	Break Bulk	106	0.36	-	-	-	-	0.62	0.18(-)	-	1.16
3.	Dry Bulk(M)	213	0.20	-	-	-	-	0.14	0.26(-)	-	0.60
	(C)	188	0.40	-	-	-	-	0.33	0.42(-)	-	1.15
4.	Liquid Bulk	722	0.05	-	-	-	-	0.80	0.28(-)	-	1.13
	Total	1529(b)	0.16	-	-	-	-	0.48	0.27(-)	-	0.91
	New Mangalore										
1.	Container	63	-	-	-	-	-	0.07	0.11(-)	-	0.18
2.	Break Bulk	97	-	-	-	-	-	0.12	0.18(-)	-	0.30
3.	Dry Bulk	180	0.24	-	-	-	-	0.44	0.05(-)	-	0.83
4.	Liquid Bulk	423	0.34	-	-	0.01	-	0.40	0.17(-)	-	0.92
	Total	763	0.25	-	-	Neg	-	0.35	0.16(-)	-	0.76

(a) Excludes vessels engaged in Lighterage of Dry Cargo.
(b) 43 dry bulk vessels worked both in mechanical and conventional method. 9 vessel carried both Dry Bulk and Break Bulk cargo.
(c) Opertional/Navigational reaso (M) Mechanised. (C) Conventional.

Table 2.1.27(Contd...) Reason-wise, Major Port-wise Average Pre-berthing Detention - 2001-02

Sl. No.	Category Of Ships	No. Of Ships	Reason-wise average pre-berthing delay (in days)									
			Non-avail. of Berth	Non-avail. of Tug/Craft	Non-avail. Of Pilot	Night Navigation Restriction	Draft Restric-tion	Shippers/ Ships/ Agents Option	Others	Lack Of Cargo	Total
1	2	3	4	5	6	7	8	9	10	11	12
	Ennore										
1.	Dry Bulk (M)	71	0.42	-	-	-	-	-	-	-	0.42
	Visakhapatnam										
1.	Container	119	0.01	-	-	-	-	0.05	0.15(a)(0.15	0.08	0.29
2.	Break Bulk	216	0.04	-	-	Neg.	-	0.36	0.13(0.13	0.07	0.60
3.	Dry Bulk(M)	130	0.11	-	-	0.01	-	0.50	0.11(0.10	0.04	0.77
	(C)	506	0.35	-	Neg	0.02	-	0.35	0.09(0.07	0.05	0.86
4.	Liquid Bulk	609	0.04	-	-	0.04	-	0.39	0.33(0.04	Neg.	0.80
	Total	1580	0.14	-	Neg	0.02	-	0.36	0.20(0.07	0.03	0.75
	Kandla										
1.	Container	263	0.14	-	0.01	0.01	0.11	0.55	0.04(-)	-	0.86
2.	Break Bulk	370	1.90	-	0.05	0.07	0.06	3.89	0.08(-)	-	60.50
3.	Dry Bulk(M)	-	-	-	-	-	-	-	-	-	-
	(C)	311	2.07	-	0.08	0.09	0.11	3.44	0.09(-)	-	5.88
4.	Liquid Bulk	728	0.04	-	0.01	0.02	Neg.	0.89	0.17(-)	0.09(b)	1.22
	Total	1672	0.85	-	0.03	0.04	0.05	1.97	0.02(-)	0.04(b)	3.10
	J.L.Nehru										
1.	Container(e)	1498	0.30	-	-	-	Neg.	0.40	-	-	0.70
2.	Break Bulk	50(d)	0.33	-	-	-	-	0.53	-	-	0.86
3.	Dry Bulk	66	0.55	-	-	-	0.01	0.76	-	-	1.32
4.	Liquid Bulk	269	0.69	-	-	-	0.03	0.71	-	-	1.43
	Total	1883	0.41	-	-	-	0.01	0.50	-	-	0.92

(a) Others on port a/c relates to strikes and disputes and (b) Due to ullage. (d) Ro-Ro vessels
(e) PBD excludes information inrespect of NSI (C) Conventional. (M) Mechanised.

Table 2.1.28 **Average Berth Occupancy for Major Ports - 1992-93 to 2001-02** (Percentage)

Port	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
KANDLA	89.1	90.5	93.8	92.8	93.6	97.7	93.1	92.2	79.8	72.3
MUMBAI	71.2	72.4	78.4	81.6	77.7	78.7	68.1	57.7	58.5	58.4
J.L. NEHRU	65.8	71.7	80.5	78.8	70.0	53.6	59.8	61.0	58.1	61.0
MORMUGAO	83.8	00.7	70.6	55.7	59.6	74.3	78.3	74.0	74.0	81.1
NEW MANGALORE	64.9	49.6	52.9	49.3	45.5	59.4	56.2	50.2	36.5	35.1
COCHIN	53.2	49.7	50.8	51.7	48.0	55.5	58.4	60.0	63.6	61.4
TUTICORIN	84.5	85.1	84.9	86.2	83.0	85.5	85.2	72.8	65.2	68.8
CHENNAI	78.8	80.4	81.0	84.2	83.3	83.8	81.2	81.9	72.6	71.9
ENNORE	-	-	-	-	-	-	-	-	-	43.7
VISAKHAPATNAM	91.0	87.5	92.7	81.3	77.5	85.1	79.2	78.0	66.8	63.3
PARADIP	68.6	69.9	78.6	85.0	65.0	65.5	66.8	62.5	69.5	55.6
HALDIA DOCK COMPLEX	73.5	63.7	77.1	77.0	75.8	82.6	81.1	80.8	72.4	74.1
KOLKATA DOCK SYSTEM	52.3	48.5	53.9	52.5	53.8	57.8	48.4	48.8	41.1	38.0

Table 2.1.29 Performance Of Cargo Handling Equipments Of Major Ports - 1999-00, 2000-01 & 2001-02

Sl. No.	Name Of The Port	Equipment	1999-00		2000-01		2001-02 (P)	
			% Availability	% Utilisation	% Availability	% Utilisation	% Availability	% Utilisation
1	2	3	4	5	6	7	8	9
1.	**Kandla**	Wharf Crane	83	43	84	37	82	52
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	95	36	96	36	83	36
2.	**Mumbai**	Wharf Crane	92	18	93	16	87	15
		Mobile Crane	89	11	92	8	89	7
		Forklift Truck	89	17	90	18	88	15
3.	**Mormugao**	Wharf Crane	98	5	-	-	-	-
		Mobile Crane	97	2	97	2	65	3
		Forklift Truck	93	18	90	16	88	14
4.	**N.Mangalore**	Wharf Crane	88	8	92	6	84	7
		Mobile Crane	100	2	100	2	100	2
		Forklift Truck	68	9	57	8	86	6
5.	**Cochin**	Wharf Crane	70	10	84	10	86	10
		Mobile Crane	74	2	62	1	47	1
		Forklift Truck	85	9	86	8	88	8
6.	**Tuticorin**	Wharf Crane	89	13	90	10	97	17
		Mobile Crane	72	5	74	3	81	4
		Forklift Truck	-	-	-	-	-	-
7.	**Chennai**	Wharf Crane	87	29	91	25	94	24
		Mobile Crane	91	26	93	27	99	26
		Forklift Truck	83	25	83	23	81	20
8.	**Visakhapatanam**	Wharf Crane	97	32	97	23	99	22
		Mobile Crane	89	12	90	27	89	19
		Forklift Truck	70	21	78	24	73	25
9.	**Paradip**	Wharf Crane	94	18	85	19	82	23
		Mobile Crane	73	7	92	7	75	8
		Forklift Truck	100	4	98	4	100	4
10.	**Kolkata Dock System**	Wharf Crane	48	7	46	6	55	5
		Mobile Crane	70	37	59	29	68	21
		Forklift Truck	76	42	60	31	52	20
11	**Haldia Dock Complex**	Wharf Crane	-	-	-	-	-	-
		Mobile Crane	64	19	31	4	34	5
		Forklift Truck	59	9	71	12	82	39

(P): Provisional

Average Norms for :

1. Wharf Crane : Availability 85 % to 90 %
   Utilisation 35 % and above
2. Mobile Crane : Availability 82 % to 85 %
   Utilisation 30 % and above
3. Forklift Truck : Availability 75 % to 80 %
   Utilisation 35 % and above

Source : Ministry Of Shipping, Development Wing.

Table 2.1.30 Availability And Utilisation Of Container Handling Equipments - Major Ports - 2000-01 & 2001-02

PORT	Year	Quay Side Gantry Crane				R.T. Gantry Crane			
		No.	% availa-bility	% Utilisation of Available Hrs.	% Utilisation of Possible Hrs.	No.	% availa-bility	% Utilisation of Available Hrs.	% Utilisation of Possible Hrs.
1	2	3	4	5	6	7	8	9	10
Kolkata Dock System	2001-02	-	-	-	-	3	56.9	33.4	19.0
	2000-01	-	-	-	-	3	61.2	38.7	23.7
Haldia Dock Complex	2001-02	-	-	-	-	-	-	-	-
	2000-01	-	-	-	-	-	-	-	-
Paradip	2001-02	-	-	-	-	-	-	-	-
	2000-01	-	-	-	-	-	-	-	-
Visakhapatnam	2001-02	-	-	-	-	-	-	-	-
	2000-01	-	-	-	-	-	-	-	-
Chennai	2001-02	4	94.8	71.6	67.9	10	90.4	58.5	52.8
	2000-01	4	81.9	75.0	61.4	10	90.3	60.7	54.8
Tuticorin(d)	2001-02	2	89.9	40.2	36.1	4	94.1	80.0	75.3
	2000-01	2	89.2	37.7	33.7	4	72.8	77.7	72.9
Cochin	2001-02	2	82.0	49.2	40.3	5	67.9	29.8	20.2
	2000-01	2	87.2	40.9	35.7	5	69.9	26.8	18.9
New Mangalore	2001-02	-	-	-	-	-	-	-	-
	2000-01	-	-	-	-	-	-	-	-
Mormugao	2001-02	-	-	-	-	-	-	-	-
	2000-01	-	-	-	-	-	-	-	-
J.L.Nehru(e)	2001-02	6	89.4	54.5	48.7	14	89.9	64.7	58.1
	2000-01	...	...	...	...	...	...	...	...
Mumbai	2001-02	2	93.2	32.2	30.0	3	93.7	9.8	9.1
	2000-01	2	93.1	32.7	30.5	3	86.1	18.5	15.9
Kandla	2001-02	-	-	-	-	-	-	-	-
	2000-01	-	-	-	-	-	-	-	-

Note : (a) Possible hours are the maximum hours for which the equipment is avai (d) For Calendar year 2000 & 2001
(No. of equipments x no of days x 24) (e) Excludes NSICT.
Available hours excludes hours lost due to maintenance, breakdown and recess etc.
(b) % Availability = (Total Available Hours/Total Possible Hours) x 100
(c) %Utilisation = No. of Hours equipment utilised/No. of available hours/possible hours.

Table 2.1.30(Contd...) **Availability And Utilisation Of Container Handling Equipments - Major Ports - 2000-01 & 2001-(**

PORT	Year	Tractor				Top Lift Trucks			
		No.	% availa-bility	% Utilisation of Available Hrs.	% Utilisation of Possible Hrs.	No.	% availa-bility	% Utilisation of Available Hrs.	% Utilisation of Possible Hrs.
1	2	11	12	13	14	15	16	17	18
Kolkata Dock System	2001-02	21	94.8	50.4	47.8	1	37.5	10.0	3.7
	2000-01	22	92.9	59.2	55.0	1	91.9	13.4	12.3
Haldia Dock Complex	2001-02	4	68.7	74.4	51.1	1	76.4	84.4	64.5
	2000-01	5	62.3	49.9	31.1	1	80.0	81.4	65.1
Paradip	2001-02	-	-	-	-	-	-	-	-
	2000-01	-	-	-	-	-	-	-	-
Visakhapatnam	2001-02	-	-	-	-	2	80.8	15.8	12.8
	2000-01	-	-	-	-	1	87.7	20.7	18.2
Chennai	2001-02	47	92.0	38.7	35.6	3	85.4	72.2	61.6
	2000-01	47	93.3	39.2	36.6	3	82.6	77.3	63.9
Tuticorin(d)	2001-02	8	97.2	32.3	31.4	-	-	-	-
	2000-01	8	96.6	31.5	30.7	-	-	-	-
Cochin	2001-02	29	72.7	29.4	21.4	3	60.4	31.8	19.2
	2000-01	29	84.4	23.9	20.2	3	57.8	34.5	20.0
New Mangalore	2001-02	-	-	-	-	-	-	-	-
	2000-01	-	-	-	-	-	-	-	-
Mormugao	2001-02	-	-	-	-	-	-	-	-
	2000-01	-	-	-	-	-	-	-	-
J.L.Nehru(e)	2001-02	19	76.4	85.1	65.4	-	-	-	-
	2000-01	...	...	...	...	-	-	-	-
Mumbai	2001-02	-	-	-	-	-	-	-	-
	2000-01	-	-	-	-	-	-	-	-
Kandla	2001-02	-	-	-	-	-	-	-	-
	2000-01	-	-	-	-	-	-	-	-

(d) : For calendar year 2000 & 2001.

(e) : Excludes NSICT.

Table 2.1.30(Contd...) **Availability And Utilisation Of Container Handling Equipments - Major Ports - 2000-01 & 2001-**

PORT	Year	Rail Mounted G.Crane				Tata P&H Crane/Mobile Crane			
		No.	% availa-bility	% Utilisation of		No.	% availa-bility	% Utilisation of	
				Available Hrs.	Possible Hrs.			Available Hrs.	Possible Hrs.
1	2	19	20	21	22	23	24	25	26
Kolkata	2001-02	-	-	-	-	-	-	-	-
Dock System	2000-01	-	-	-	-	-	-	-	-
Haldia	2001-02	1	87.2	91.6	79.9	-	-	-	-
Dock Complex	2000-01	1	87.1	86.1	75.0	-	-	-	-
Paradip	2001-02	-	-	-	-	-	-	-	-
	2000-01	-	-	-	-	-	-	-	-
Visakhapatnam	2001-02	-	-	-	-	2	70.5	1.0	0.7
	2000-01	2	99.7	Neg.	Neg.	2	77.1	3.3	1.8
Chennai	2001-02	-	-	-	-	-	-	-	-
	2000-01	-	-	-	-	-	-	-	-
Tuticorin	2001-02	-	-	-	-	-	-	-	-
	2000-01	-	-	-	-	-	-	-	-
Cochin	2001-02	-	-	-	-	1	90.8	3.1	2.8
	2000-01	-	-	-	-	1	90.4	4.0	3.6
New Mangalore	2001-02	-	-	-	-	2	99.3	9.8	9.8
	2000-01	-	-	-	-	2	92.3	6.9	6.3
Mormugao	2001-02	-	-	-	-	...	...	...	...
	2000-01	-	-	-	-	...	...	...	...
J.L.Nehru(e)	2001-02	3	97.1	62.2	60.4	-	-	-	-
	2000-01	...	...	...	...	-	-	-	-
Mumbai	2001-02	-	-	-	-	-	-	-	-
	2000-01	-	-	-	-	-	-	-	-
Kandla	2001-02	-	-	-	-	-	-	-	-
	2000-01	-	-	-	-	-	-	-	-

(e) : Excludes NSICT.

Table 2.1.30(Contd...) **Availability And Utilisation Of Container Handling Equipments - Major Ports - 2000-01 & 2001-**

PORT	Year	FLT/FEL				Reach Truck/Steaker			
		No.	% availa-bility	% Utilisation of Available Hrs.	% Utilisation of Possible Hrs.	No.	% availa-bility	% Utilisation of Available Hrs.	% Utilisation of Possible Hrs.
1	2	27	28	29	30	31	32	33	34
Kolkata	2001-02	2	91.5	11.0	10.1	2	69.4	31.1	21.6
Dock System	2000-01	2	87.8	12.4	10.9	2	80.4	35.9	28.9
Haldia	2001-02	1	83.3	57.8	48.1	-	-	-	-
Dock Complex	2000-01	7	66.7	16.6	11.1	-	-	-	-
Paradip	2001-02	13	94.1	5.4	5.1	-	-	-	-
	2000-01	14	94.6	5.6	5.3	-	-	-	-
Visakhapatnam	2001-02	2	60.7	0.6	0.3	-	-	-	-
	2000-01	2	63.3	0.9	0.6	-	-	-	-
Chennai	2001-02	-	-	-	-	3	73.1	42.0	30.7
	2000-01	-	-	-	-	3	78.1	40.8	31.9
Tuticorin	2001-02	-	-	-	-	-	-	-	-
	2000-01	-	-	-	-	-	-	-	-
Cochin	2001-02	29*	88.1	8.8	7.7	2	79.0	38.0	30.0
	2000-01	29*	85.5	9.6	8.2	2	89.9	29.7	26.7
New Mangalore	2001-02	1	88.5	8.2	7.3	-	-	-	-
	2000-01	1	98.6	5.3	5.2	-	-	-	-
Mormugao	2001-02	1	96.6	2.1	2.0	-	-	-	-
	2000-01	1	97.6	0.8	0.8	-	-	-	-
J.L.Nehru(e)	2001-02	-	-	-	-	-	-	-	-
	2000-01	-	-	-	-	-	-	-	-
Mumbai	2001-02	-	-	-	-	4	89.7	6.9	6.2
	2000-01	-	-	-	-	4	70.6	45.6	29.4
Kandla	2001-02	-	-	-	-	-	-	-	-
	2000-01	-	-	-	-	-	-	-	-

* : Total No. of equipments.
(e) Excludes NSICT.

Table 2.1.31 Container Handling Rate - Major Ports - 2000-01 & 2001-02

Port	Year	Quay Side Gantry Crane			Rail Mounted Gantry Crane			RTG		
		%age of Idle Time	No of container handled per		%age of Idle Time	No of container handled per		%age of Idle Time	No of container handled per	
			Worked Hr.	Actual Worked Hr.		Worked Hr.	Actual Worked Hr.		Worked Hr.	Actual Worked Hr.
1	2	3	4	5	6	7	8	9	10	11
Kolkata Dock	2001-02	-	-	-	-	-	-	...	7.2	...
System	2000-01	-	-	-	-	-	-	...	7.3	...
Haldia Dock	2001-02	-	-	-	15.0	13.1	15.4	-	-	-
Complex	2000-01	-	-	-	15.9	6.0	7.2	-	-	-
Paradip	2001-02	-	-	-	-	-	-	-	-	-
	2000-01	-	-	-	-	-	-	-	-	-
Vishakhapatnam	2001-02	-	-	-	...	...	...	-	-	-
	2000-01	-	-	-	...	...	...	-	-	-
Chennai	2001-02	37.4	11.6	19.0	-	-	-	...	...	...
	2000-01	26.1	13.9	18.8	-	-	-	...	...	...
Tuticorin	2001-02	...	23.7	...	-	-	-	...	12.1	...
	2000-01	...	19.3	...	-	-	-	...	9.9	...
Cochin	2001-02	32.6	10.7	15.9	-	-	-	32.1	2.2	3.2
	2000-01	35.1	10.3	15.8	-	-	-	31.5	2.1	3.0
New Mangalore	2001-02	-	-	-	-	-	-	-	-	-
	2000-01	-	-	-	-	-	-	-	-	-
Mormugao	2001-02	-	-	-	-	-	-	-	-	-
	2000-01	-	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2001-02	39.0	11.7	19.2	35.4	6.4	10.0	29.6	4.7	6.7
	2000-01	...	...	...	...	...	...	...	...	...
Mumbai	2001-02	32.1	5.5	8.1	-	-	-	62.4	4.6	12.2
	2000-01	32.2	5.8	8.5	-	-	-	61.4	4.5	11.6
Kandla	2001-02	-	-	-	-	-	-	-	-	-
	2000-01	-	-	-	-	-	-	-	-	-

Note 1)Number of Container per worked hour = Total Containers Handled/Total no. of equipment hours worked

2)No. of container per actual worked hour = Total container Handled/

Total No. of equipment hours actually worked(Total No. of equipment hrs. worked-idle time)

(a) Excludes NSICT.

Table 2.1.32 **Major Ports-Capacity and Utilisation - 2001-2002(P)**

Port	Cap./ Util.	POL (Crude & Prodts.	Iron Ore	Thermal Coal	Fertiliser & FRM (a)	Other Cargo (b)	Contai-ner	Total
1	2	3	4	5	6	7	8	9
KDS	Cap.	3.60	-	-	-	2.80	3.40	9.80
	Util.	74.67	-	-	-	45.54	41.50	54.84
HDC	Cap.	17.00	-	7.00	-	7.40	1.00	32.40
	Util.	66.51	-	41.81	-	121.88	177.60	77.25
PPT	Cap.	1.50	3.10	20.00	2.60	4.90	-	32.10
	Util.	132.87	114.39	44.73	109.54	77.53	-	65.83
VPT	Cap.	12.95	8.00	-	0.90	19.30	-	41.15
	Util.	143.50	114.99	-	188.56	77.25	-	107.76
EPL	Cap.	-	-	12.00	-	-	-	12.00
	Util.	-	-	28.34	-	-	-	28.34
ChPT	Cap.	10.50	8.00	-	-	15.90	4.35	38.75
	Util.	80.69	93.52	-	-	89.95	134.64	93.20
TPT	Cap.	2.30	-	5.20	-	3.70	2.75	13.95
	Util.	18.69	-	99.81	-	140.49	79.96	93.31
CoPT	Cap.	10.50	-	-	0.60	2.40	2.00	15.50
	Util.	81.79	-	-	91.33	42.67	94.95	77.80
NMPT	Cap.	11.00	7.50	-	-	2.80	-	21.30
	Util.	89.97	77.11	-	-	65.04	-	82.16
MoPT	Cap.	1.50	17.00	-	-	2.00	-	20.50
	Util.	76.87	105.68	-	-	190.45	-	111.84
JNPT	Cap.	5.50	-	-	1.50	3.00	18.00	28.00
	Util.	31.76	-	-	22.20	65.23	102.69	80.43
MbPT	Cap.	28.00	-	-	-	5.00	5.50	38.50
	Util.	56.11	-	-	-	140.78	66.98	68.66
KPT	Cap.	31.00	-	-	-	9.00	-	40.00
	Util.	73.26	-	-	-	166.87	-	94.32
All Ports	**Cap.**	**135.35**	**43.60**	**44.20**	**5.60**	**78.20**	**37.00**	**343.95**
	Util.	**76.30**	**104.96**	**80.38**	**171.12**	**71.84**	**100.68**	**83.61**

(a) Excludes Liquid FRM (4.39 MMT)

(b) Includes Coking Coal (15.73 MMT) and Liquid FRM.

Cap.: Capacity in Million Metric Tonnes. Util.: Ulilisation (in Percentage)

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

Table 2.1.33 Employment At Major Ports (As on 31st December, 2001)

(In Numbers)

Port	Number of Officers		Number of non-cargo handling workers			Number of cargo handling workers other than Shore workers		Number of cargo handling shore workers	Number of casual workers	Total
	Class I	Class II	Class III	Class IV	Others	Class III	Class IV			
1	2	3	4	5	6	7	8	9	10	11
KPT	104	79	1394	1697	22	251	-	522	142	4211
MbPT	440	39	4548	5879	-	3680	4946	3339	-	22871(b)
JNPT	205	46	353	125	120	990	-	-	-	1839
MoPT	153	83	1685	1166	-	361	368	-	-	3816(b)
NMPT	75	109	846	317	-	345	598	-	-	2290(c)
CoPT	153	238	2163	1000	-	410	35	470	-	4469(b)
TPT	89	76	849	580	-	432(e)	1068(e)	-	-	3094
ChPT	390	255	3262	2638	-	3351	-	990	-	10886
EPL	5	1	-	1	-	-	-	-	-	7
VPT	200	133	663	1582	1008	1812	637	11	351(a)	6397
PPT	90	194	1123	937	-	-	370(d)	939	-	3653
KDS	573	177	4256	3802	-	-	75	432	18	9333
HDC	219	129	1921	2434	-	-	-	-	-	4703
Total	2696	1559	23063	22158	1150	11632	8097	6703	511	77569

(a) Pooled category workers.
(b) Includes DLB employment
(c) The cargo handling workers of Port are under "New Mangalore Port Cargo handling workers(Regulation of Employment) Scheme,1990".
(d) Includes class III Workers also
(e) The cargo handling workers are managed and administered by the Tuticorin Port Trust Handling Labour Pool(TPTCHLP). Class III workers includes 4 Class I and 3 Class II also.

Table 2.1.34 Employment At DLBS of Major Ports (As on 31st December, 2001)

(In Numbers)

Port	Number of DLB Employees					Number of Dock Workers				Grand Total
	Class I	Class II	Class III	Class IV	Total	Regis-tered	Listed	Others	Total	
1	2	3	4	5	6	7	8	9	10	11
KPT	2	4	64	29	99	863	-	-	863	962
ChPT	16	15	223	97	351	1112	(a)	(a)	1112	1463
VPT	12	1	132	91	236	816	450	-	1266	1502
KDS	21	15	269	211	516	1483	-	-	1483	1999
All DLBs	51	35	688	428	1202	4274	450	-	4724	5926

(a) : Included under Registered workers.

Table 2.1.35 Mandays Employed and Mandays Lost at Major Ports : 1998-2001

Port	1998		1999		2000		2001	
	Mandays		Mandays		Mandays		Mandays	
	Employed (b	Lost (c	Employed (b	Lost (c	Employed (b	Lost (c	Employed (b	Lost (c)
1	4	5	6	7	8	9	8	9
KPT	1438	0.9	1522	0.3	1564	11.6	1495	0.3
MbPT	9425	4.1	9310	2.7	8722	14.9	6718	2.1
MoPT	1287	2.6	1284	0.3	1268	17.0	1074	-
NMPT	688	23.8	687	-	670	20.6	632	-
CoPT	1600	2.4	1564	2.3	1806	12.5	1223	-
TPT	563	11.4	550	1.2	517	30.6	879	-
ChPT	3337	4.2	3399	0.5	3665	12.5	3511	1.3
VPT	3032	11.1	2910	0.3	2793	16.3	1819	5.5
PPT	1168	-	1163	0.3	1155	13.7	1011	-
KoPT (a)	5539	0.1	5242	0.4	5027	14.3	4471	Neg.
JNPT	462	3.0	467	0.4	475	18.5	476	3.2
TOTAL	28539	4.2	28098	1.3	27662	14.8	23309	1.3

(a): Kolkata Port Trust includes Kolkata Dock System and Haldia Dock Complex

(b): Mandays Employed in '000

(c): Mandays lost per 1000 Mandays employed

Note : 1.Mandays calculation includes Port Workers as well as Dock Workers.

2.During the year 2000 Mandays lost is higher due to general strike at the Ports from 18.1.2000 to 22.1.2000

Source :Ports Wing, Ministry of Shipping.

Table 2.1.36

Net Capital Employed at Major Ports - 1997-98 to 2000-01

(Rs. in Crore)

Port	Year			
	1997-98	1998-99	1999-00	2000-01
1	2	3	4	5
KPT	766.93	914.05	1014.42	1143.99
MbPT	497.09	521.32	627.18	745.92
JNPT	992.93	997.51	970.17	989.72
MoPT	256.79	269.25	171.99	193.41
NMPT	380.31	409.89	499.63	564.87
CoPT	192.19	246.42	243.87	205.73
TPT	154.48	166.93	434.75	450.83
ChPT	391.46	409.85	382.06	376.97
VPT	460.12	494.51	410.39	618.79
PPT	344.73	479.67	556.77	772.70
KoPT(a)	1095.02	1094.82	1034.04	1033.98
All Ports	5532.05	6004.22	6345.27	7046.91

(a) Includes Haldia. Source: I.P.A.

Table 2.1.37 Operating Expenditure Under Various Heads - Major Ports - 2000-01 & 2001-02

(Rs. In Crore)

Port	Salaries & Wages		Stores		Office & Administrative Security & Medical		Depreciation		Operation & Maintenance		Other Exp (a)		Total	
	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Kolkata	234.90	221.82	11.37	7.94	60.21	55.44	25.74	28.16	95.80	90.06	261.56	293.92	689.58	697.34
	(34.1)	(31.8)	(1.7)	(1.1)	(8.7)	(8.0)	(3.7)	(4.0)	(13.9)	(12.9)	(37.9)	(42.2)	(100)	(100)
Paradip	50.87	53.00	13.76	16.28	18.05	23.23	12.54	44.71	30.09	43.35	25.63	20.31	150.94	200.88
	(33.7)	(26.4)	(9.1)	(8.1)	(12.0)	(11.6)	(8.3)	(22.2)	(19.9)	(21.6)	(17.0)	(10.1)	(100)	(100)
Visakhapatnam	102.08	86.17	34.10	34.87	28.98	24.76	22.87	25.91	21.79	25.48	31.76	30.28	241.58	227.47
	(42.2)	(37.9)	(14.1)	(15.3)	(12.0)	(10.9)	(9.5)	(11.4)	(9.0)	(11.2)	(13.2)	(13.3)	(100)	(100)
Chennai	175.12	181.53	39.07	29.94	30.03	24.74	21.74	21.98	47.40	36.89	11.49	12.92	324.85	308.00
	(53.9)	(58.9)	(12.0)	(9.7)	(9.3)	(8.0)	(6.7)	(7.2)	(14.6)	(12.0)	(3.5)	(4.2)	(100)	(100)
Tuticorin	27.56	24.96	3.96	4.12	11.58	9.96	7.38	8.46	9.20	11.54	1.64	-	61.32	59.04
	(44.9)	(42.3)	(6.5)	(7.0)	(18.9)	(16.9)	(12.0)	(14.3)	(15.0)	(19.5)	(2.7)	-	(100)	(100)
Cochin	78.39	71.63	0.32	0.51	12.63	12.03	13.30	11.74	17.76	20.78	31.06	39.04	153.46	155.73
	(51.1)	(46.0)	(0.2)	(0.3)	(8.2)	(7.7)	(8.7)	(7.5)	(11.6)	(13.4)	(20.2)	(25.1)	(100)	(100)
New Mangalore	34.44	33.46	2.21	2.90	9.26	10.77	10.11	11.83	15.11	9.85	38.67	39.19	109.80	108.00
	(31.4)	(31.0)	(2.0)	(2.7)	(8.4)	(10.0)	(9.2)	(10.9)	(13.8)	(9.1)	(35.2)	(36.3)	(100)	(100)
Mormugoa	60.73	56.30	17.85	12.98	10.21	10.23	8.25	9.78	32.95	31.24	11.64	12.20	141.63	132.73
	(42.9)	(42.4)	(12.6)	(9.8)	(7.2)	(7.7)	(5.8)	(7.4)	(23.3)	(23.5)	(8.2)	(9.2)	(100)	(100)
Mumbai (b)	395.35	344.54	12.59	15.41	57.02	39.6	49.67	50.73	62.52	53.05	32.13	13.28	609.28	516.65
	(64.9)	(66.7)	(2.1)	(3.0)	(9.3)	(7.6)	(8.1)	(9.8)	(10.3)	(10.3)	(5.3)	(2.6)	(100)	(100)
J. L. Nehru	32.49	34.52	6.43	6.42	16.43	16.47	39.44	39.33	105.49	116.45	11.90	9.75	212.18	222.94
	(15.3)	(15.5)	(3.0)	(2.9)	(7.8)	(7.4)	(18.6)	(17.6)	(49.7)	(52.2)	(5.6)	(4.4)	(100)	(100)
Kandla	54.52	55.96	4.97	6.34	10.64	12.72	7.55	12.66	15.24	13.97	24.77	5.65	117.69	107.30
	(46.3)	(52.2)	(4.2)	(5.9)	(9.0)	(11.8)	(6.4)	(11.8)	(13.0)	(13.0)	(21.1)	(5.3)	(100)	(100)
Total	1246.45	1163.89	146.63	137.71	265.04	239.99	218.59	265.29	453.35	452.66	482.25	476.54	2812.31	2736.08
	(44.3)	(42.5)	(5.2)	(5.0)	(9.4)	(8.8)	(7.8)	(9.7)	(16.1)	(16.6)	(17.2)	(17.4)	(100)	(100)

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

(a) : Expenditure on dredging is also included.

Source : IPA.

Table 2.1.38

Operating Parameters Per Tonne Of Cargo Handled at Major Ports : 1999-00, 2000-01 & 2001-02

(In Rs.)

Port	Operating Income per ton			Operating Expenditure per ton			Surplus/Deficit per ton		
	1999-00	2000-01	2001-02	1999-00	2000-01	2001-02	1999-00	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10
KPT	48.64	49.26	47.62	27.30	31.41	27.81	21.34	17.85	19.81
MbPT	175.15	171.52	165.75	139.02	185.06	159.26	36.13	(-)13.54	6.49
JNPT	245.41	175.62	171.69	151.81	113.66	98.51	93.60	61.96	73.18
MoPT	73.78	82.50	81.81	57.15	72.16	57.89	16.63	10.34	23.92
NMPT	97.21	98.00	111.04	53.75	61.37	61.72	43.46	36.63	49.32
CoPT	140.50	139.68	155.12	114.68	116.75	129.14	25.82	22.93	25.98
TPT	90.20	93.27	89.92	52.29	48.94	44.63	37.91	44.33	45.29
ChPT	90.55	89.88	94.08	71.38	78.81	77.78	19.17	11.07	16.30
EPL	-	-	90.47	-	-	50.90	-	-	39.57
VPT	77.72	78.03	89.07	51.01	53.15	50.43	26.71	24.88	38.64
PPT	135.24	131.72	140.65	90.45	75.85	95.08	44.79	55.87	45.57
KoPT(a)	265.80	319.07	377.24	199.35	229.80	229.27	66.45	89.27	147.97
All Major Ports	123.42	126.11	135.62	87.71	95.87	91.18	35.71	30.24	44.44

(a) Includes Haldia.

Table 2.2.1 Traffic Handled at Non-Major Ports (Port-wise) - 1999-00, 2000-01& 2001-02

('000 Tonnes)

Port	1999-00						2000-01						2001-02					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
GUJARAT																		
Bedi	843	699	1542	-	-	-	551	2712	3263	-	5	5	607	2278	2885	-	205	205
Bhavnagar	1228	51	1279	2	-	2	431	-	431	2	-	2	255	31	286	2	128	130
Dahej	1167	-	1167	208	4	212	1581	5	1586	352	6	358	3256	24	3280	162	11	173
GAPL	774	394	1168	-	1	1	1615	603	2218	-	44	44	2253	1127	3380	-	93	93
GPPL	469	71	540	4	150	154	868	373	1241	337	331	668	634	229	863	310	388	698
Jafrabad	488	1240	1728	-	1568	1568	121	2379	2500	-	1432	1432	214	2118	2332	-	1704	1704
Magdalla	3446	782	4228	5169	650	5819	3697	912	4609	4719	562	5281	2685	502	3187	4886	841	5727
Mul-Dwarka	522	479	1001	-	1229	1229	524	977	1501	-	1519	1519	502	1185	1687	-	1573	1573
Navalakhi	1700	-	1700	-	-	-	1611	-	1611	10	-	10	1684	42	1726	-	8	8
Okha	832	540	1372	78	61	139	614	796	1410	31	42	73	292	616	908	275	74	349
Porbandar	137	37	174	10	187	197	143	261	404	-	183	183	496	256	752	33	251	284
Sikka	14299	509	14808	148	6253	6401	27404	5646	33050	269	7467	7736	31389	7971	39360	391	7444	7835
Veraval	70	-	70	-	87	87	28	-	28	-	25	25	-	3	3	-	20	20
Mundra (Old)	-	52	52	-	42	42	1	35	36	-	27	27	3	52	55	-	-	0
Mandvi	-	11	11	-	-	-	7	-	7	-	-	-	-	-	-	-	-	-
Gogha	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	146	161
Others	1	-	1	3	2	5	-	-	-	-	-	-	6	21	27	-	16	16
TOTAL	25976	4865	30841	5622	10234	15856	39196	14699	53895	5721	11643	17364	44276	16455	60731	6074	12902	18976

Table 2.2.1(Contd...) Traffic Handled at Non-Major Ports (Port-wise) - 1999-00, 2000-01& 2001-02

('000 Tonnes)

Port	1999-00						2000-01						2001-02					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
MAHARASHTRA																		
Dabhol	698	-	698	27	-	27	386	1	387	88	-	88	-	4	4	72	-	72
Dahanu	445	-	445	-	-	-	203	-	203	-	-	-	350	-	350	66	-	66
Dharamtar	553	-	553	1577	55	1632	300	-	300	2223	178	2401	759	73	832	1477	146	1623
Ratnagiri	198	-	198	398	-	398	142	-	142	417		417	144	-	144	345	-	345
Revdanda	819	92	911	227	245	472	610	-	610	451	157	608	59	-	59	495	234	729
Ulwa-Belapur	-	-	-	712	-	712	-	-	-	679	-	679	-	-	0	716	-	716
Jaigad	-	-	-	-	-	-	-	-	-	-	-	-	-	17	17	1	1	2
Mandwa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Redi	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	45	45	-	16	16	1	-	1	-	-	-
TOTAL	2713	92	2805	2941	300	3241	1641	46	1687	3858	351	4209	1313	94	1407	3172	381	3553
GOA																		
Panaji	92	2242	2334	36	116	152	609	2182	2791	158	239	397	197	1943	2140	316	402	718
TOTAL	92	2242	2334	36	116	152	609	2182	2791	158	239	397	197	1943	2140	316	402	718

Table 2.2.1(Contd...) Traffic Handled at Non-Major Ports (Port-wise) - 1999-00, 2000-01& 2001-02

('000 Tonnes)

Port	1999-00						2000-01						2001-02					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
ANDHRA PRADESH																		
Kakinada																		
1)Anchorage Port	754	439	1193	61	16	77	319	81	400	100	7	107	418	355	773	32	17	49
11)Deep Water Po	1333	93	1426	352	-	352	1436	139	1575	195	-	195	1947	204	2151	-	-	-
Rawa	-	-	-	-	2533	2533	-	-	-	-	2562	2562	-	-	-	-	2440	2440
Machilipatnam	-	-	-	339	-	339	-	-	-	-	-	0	-	-	-	-		0
TOTAL	2087	532	2619	752	2549	3301	1755	220	1975	295	2569	2864	2365	559	2924	32	2457	2489
TAMIL NADU																		
Ennore	49	8	57	-	-	-	55	-	55	-	-	0	50	-	50	-	-	-
PY-3	-	-	-	-	304	304		-	0	-	162	162	-	-	-	-	222	222
Nagapattinam	34	-	34	-	-	-	70	-	70	-	-	0	46	3	49	-	-	-
Thrukkadaiyur	19	-	19	-	-	-		-	0	44	-	44	-	-	-	164	-	164
Others	-	-	-	-	-	-	3	-	3	-	-	0	4	-	4	-	-	-
TOTAL	102	8	110	-	304	304	128	-	128	44	162	206	100	3	103	164	222	386
KERALA																		
Kozikode/Beypore	1	-	1	27	30	57	1	1	2	42	34	76	1	-	1	66	33	99
Neendakara	-	52	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kovalam/Vizhingar	2	-	2	6	-	6	-	2	2	12	2	14	-	2	2	25	-	25
Others	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	3	52	55	35	30	65	1	3	4	54	36	90	1	2	3	91	33	124

Table 2.2.1(Contd...) **Traffic Handled at Non-Major Ports (Port-wise) - 1999-00, 2000-01& 2001-02**

('000 Tonnes)

Port	1999-00						2000-01						2001-02					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
KARNATAKA																		
Karwar	139	237	376	83	-	83	185	285	470	77	6	83	161	289	450	78	-	78
Old Mangalore	-	2	2	38	106	144	-	2	2	33	76	109	-	-	-	44	140	184
Malpe	-	-	-	1	17	18	-	-	-	-	11	11	-	-	-	-	-	-
Tadri	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
TOTAL	139	239	378	122	123	245	185	287	472	110	94	204	161	289	450	122	140	262
PONDICHERRY																		
Pondicherry	-	-	-	-	-	-	76	-	76	-	-	-	95	-	95	-	-	-
TOTAL	-	-	-	-	-	-	76	-	76	-	-	-	95	-	95	-	-	-
ORISSA																		
Gopalpur	-	154	154	-	-	-	6	134	140	-	-	-	4	14	18	-	-	-
TOTAL	-	154	154	-	-	-	6	134	140	-	-	-	4	14	18	-	-	-
SEA ISLANDS																		
Andaman Nicobar	14	-	14	513	214	727	-	-	-	450	115	565	-	-	-	450	115	565
Lakshadweep	-	-	-	182	-	182	-	-	-	182	-	182	-	-	-	182	-	182
TOTAL	14	-	14	695	214	909	-	-	-	632	115	747	-	-	-	632	115	747

Table 2.2.2

Traffic Handled at Non-Major Ports (State-wise & Principal Commodity-wise) - 1999-00, 2000-01 & 2001-02

('000 Tonnes)

Commodity	1999-00						2000-01						2001-02					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
GUJARAT																		
POL & other Pdcts	14881	530	15411	2025	6302	8327	27896	5789	33685	2189	6862	9051	32188	7964	40152	2521	7724	10245
Coal	6021	-	6021	13	-	13	7026	1755	8781	7	0	7	6662	1236	7898	289	211	500
Cement & Clinker (Bldg. Material)	-	1734	1734	886	3188	4074	-	3488	3488	996	3446	4442	0	3396	3396	839	3692	4531
Fertiliser & FRM	2383	33	2416	-	4	4	1900	-	1900	2	8	10	1992	24	2016	38	0	38
Chemicals	305	9	314	81	52	133	190	84	274	111	52	163	207	112	319	169	81	250
Iron Ore	623	-	623	2482	258	2740	204	-	204	2068	41	2109	632	0	632	2007	439	2446
Iron & Steel	512	492	1004	90	152	242	451	621	1072	330	410	740	272	432	704	118	246	364
Other Ore	-	528	528	-	10	10	345	1157	1502	0	9	9	487	944	1431	4	69	73
Foodgrains	41	128	169	-	5	5	-	371	371	0	2	2	111	1059	1170	0	130	130
Salt	-	33	33	-	107	107	-	75	75	0	100	100	0	138	138	0	92	92
Machinery	8	11	19	22	6	28	22	7	29	1	9	10	10	9	19	2	22	24
Oil Cake	-	1005	1005	-	3	3	-	851	851	0	0	0	0	569	569	0	0	0
Edible Oil	316	6	322	-	-	-	584	0	584	0	6	6	543	17	560	0	7	7
Others	886	356	1242	23	142	165	578	501	1079	17	698	715	1172	555	1727	87	189	276
Total	25976	4865	30841	5622	10234	15856	39196	14699	53895	5721	11643	17364	44276	16455	60731	6074	12902	18976

Table 2.2.2 (Contd...)

Traffic Handled at Non-Major Ports (State-wise & Principal Commodity-wise) - 1999-00, 2000-01 & 2001-02

('000 Tonnes)

Commodity	1999-00						2000-01						2001-02					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
MAHARASHTRA																		
Iron Ore	1286	39	1325	1637	60	1697	696	-	696	2395	232	2627	202	-	202	1579	299	1878
Iron & Steel	14	53	67	-	240	240	-	-	-	-	101	101	-	-	-	-	68	68
POL & Other Prdct	733	-	733	18	-	18	371	-	371	65	2	67	-	-	-	98	-	98
Cement & Clinker	-	-	-	1284	-	1284	-	-	-	1274	-	1274	74	-	74	1283	-	1283
Coal	475	-	475	-	-	-	357	-	357	37	-	37	803	-	803	23	-	23
Chemicals	123	-	123	2	-	2	136	-	136	6	-	6	144	-	144	8	-	8
Others	82	-	82	-	-	-	81	46	127	81	16	97	90	94	184	181	14	195
Total	2713	92	2805	2941	300	3241	1641	46	1687	3858	351	4209	1313	94	1407	3172	381	3553
GOA																		
Iron Ore	-	2242	2242	26	98	124	206	2182	2388	138	212	350	24	1897	1921	235	376	611
Coal	92	-	92	-	6	6	403	-	403	-	7	7	173	1	174	70	4	74
Other Ore	-	-	-	-	-	-	-	-	-	-	-	-	-	42	42	-	4	4
Iron & Steel	-	-	-	5	11	16	-	-	-	3	8	11	-	3	3	-	12	12
Others	-	-	-	5	1	6	-	-	-	17	12	29	-	-	-	11	6	17
Total	92	2242	2334	36	116	152	609	2182	2791	158	239	397	197	1943	2140	316	402	718
TAMIL NADU																		
POL & Other Prdct	-	-	-	-	304	304	3	-	3	41	162	203	-	-	-	164	222	386
Edible Oil	34	-	34	-	-	-	70	-	70	-	-	-	44	3	47	-	-	-
Fertiliser & FRM	44	-	44	-	-	-	55	-	55	-	-	-	50	-	50	-	-	-
Chemicals	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	-	-	-
Others	24	8	32	-	-	-	-	-	-	3	-	3	4	-	4	-	-	-
Total	102	8	110	-	304	304	128	0	128	44	162	206	100	3	103	164	222	386

Table 2.2.2 (Contd...)

Traffic Handled at Non-Major Ports (State-wise & Principal Commodity-wise) - 1999-00, 2000-01 & 2001-02

('000 Tonnes)

Commodity	1999-00						2000-01						2001-02					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
KERALA																		
Ilmenite	-	52	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bldg. Material	2	-	2	14	8	22	-	-	-	31	8	39	-	-	-	62	7	69
Others	1	-	1	21	22	43	1	3	4	23	28	51	1	2	3	29	26	55
Total	3	52	55	35	30	65	1	3	4	54	36	90	1	2	3	91	33	124
PONDICHERRY																		
Others	-	-	-	-	-	-	76	-	76	-	-	-	95	-	95	-	-	-
Total	-	-	-	-	-	-	76	-	76	-	-	-	95	-	95	-	-	-
A & N ISLANDS																		
POL & other prdct	-	-	-	94	-	94	-	-	-	112	7	119	-	-	-	112	7	119
Bldg. Material	-	-	-	66	40	106	-	-	-	111	13	124	-	-	-	111	13	124
Foodgrains	-	-	-	73	-	73	-	-	-	25	4	29	-	-	-	25	4	29
Others	14	-	14	280	174	454	-	-	-	202	91	293	-	-	-	202	91	293
Total	14	-	14	513	214	727	-	-	-	450	115	565	-	-	-	450	115	565
LAKSHADWEEP																		
Others	-	-	-	182	-	182	-	-	-	182	-	182	-	-	-	182	-	182
Total	-	-	-	182	-	182	-	-	-	182	-	182	-	-	-	182	-	182

Table 2.2.2 (Contd...)

Traffic Handled at Non-Major Ports (State-wise & Principal Commodity-wise) - 1999-00, 2000-01 & 2001-02

('000 Tonnes)

Commodity	1999-00						2000-01						2001-02					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
ANDHRA PRADESH																		
POL & Other Prdct	14	-	14	352	2534	2886	19	0	19	195	2562	2757	567	14	581	0	2440	2440
Fertilisre & FRM	1206	-	1206	0	0	0	951	0	951	0	0	0	973	13	986	0	0	0
Edible Oil	796	-	796	0	0	0	643	0	643	0	0	0	575	6	581	0	1	1
Chemicals	-	-	-	-	-	-	-	-	-	-	-	-	69	-	69	-	-	0
Others	71	532	603	400	15	415	142	220	362	100	7	107	181	526	707	32	16	48
Total	2087	532	2619	752	2549	3301	1755	220	1975	295	2569	2864	2365	559	2924	32	2457	2489
ORISSA																		
Illumenite	-	-	-	-	-	-	-	130	130	-	-	-	-	11	11	-	-	-
Others	0	154	154	-	-	-	6	4	10	-	-	-	4	3	7	-	-	-
Total	-	154	154	-	-	-	6	134	140	-	-	-	4	14	18	-	-	-
KARNATAKA																		
Granite	-	107	107	-	61	61	-	139	139	-	41	41	-	129	129	-	-	-
Fertiliser & FRM	63	11	74	-	-	-	62	5	67	2	-	2	25	6	31	-	-	0
Salt	-	-	-	87	-	87	-	-	-	70	-	70	-	-	-	78	-	78
Edible Oil	64	-	64	-	-	-	81	-	81	-	-	-	28	-	28	-	-	-
POL & Other Prdct	11	-	11	-	-	-	42	-	42	7	4	11	108	-	108	-	-	-
Other Ores	-	6	6	29	-	29	-	23	23	-	-	-	-	51	51	-	-	-
Foodgrains	-	-	-	-	5	5	-	-	-	1	4	5	-	-	-	-	-	-
Others	1	115	116	6	57	63	-	120	120	30	45	75	-	103	103	44	140	184
Total	139	239	378	122	123	245	185	287	472	110	94	204	161	289	450	122	140	262

Table 2.2.2 (Contd...)

Traffic Handled at Non-Major Ports (State-wise & Principal Commodity-wise) - 1999-00, 2000-01 & 2001-02

('000 Tonnes)

Commodity	1999-00						2000-01						2001-02					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
ALL STATES																		
POL & other Pdcts	15639	530	16169	2489	9140	11629	28331	5789	34120	2609	9599	12208	32863	7978	40841	2895	10393	13288
Coal	6588	0	6588	13	6	19	7786	1755	9541	44	7	51	7638	1237	8875	382	215	597
Building Material	2	1734	1736	2250	3236	5486	0	3488	3488	2412	3467	5879	74	3396	3470	2295	3712	6007
Fertiliser & FRM	3696	44	3740	0	4	4	2968	5	2973	4	8	12	3040	43	3083	38	0	38
Chemicals	428	9	437	83	52	135	326	84	410	117	52	169	422	112	534	177	81	258
Iron Ore	1909	2281	4190	4145	416	4561	1106	2182	3288	4601	485	5086	858	1897	2755	3821	1114	4935
Iron & Steel	526	545	1071	95	403	498	451	621	1072	333	519	852	272	435	707	118	326	444
Other Ore	0	534	534	29	10	39	345	1180	1525	0	9	9	487	1037	1524	4	73	77
Salt	0	33	33	87	107	194	0	75	75	70	100	170	0	138	138	78	92	170
Paraxylene																		
Oil Cake	0	1005	1005	0	3	3	0	851	851	0	0	0	0	569	569	0	0	0
Edible Oil	1210	6	1216	0	0	0	1378	0	1378	0	6	6	1190	26	1216	0	8	8
Machinery	8	11	19	22	6	28	22	7	29	1	9	10	10	9	19	2	22	24
Foodgrains	41	128	169	73	10	83	0	371	371	26	10	36	111	1059	1170	25	134	159
Illmenite	0	52	52	0	0	0	0	130	130	0	0	0	0	11	11	0	0	0
Granite	0	107	107	0	61	61	0	139	139	0	41	41	0	129	129	0	0	0
Others	1079	1165	2244	917	411	1328	884	894	1778	655	897	1552	1547	1283	2830	768	482	1250
Total	31126	8184	39310	10203	13870	24073	43597	17571	61168	10872	15209	26081	48512	19359	67871	10603	16652	27255

Table 2.2.3

Commodity-wise Overseas Cargo Traffic Handled At Select Non-Major Ports - 1999-00, 2000-01& 2001-02

('000 Tonnes)

Port/Commodity	1999-00			2000-01			2001-02		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
GUJARAT									
1. Bedi	843	699	1542	551	2712	3263	607	2278	2885
a) Foodgrains	-	-	0	-	229	229	90	475	565
b) Fertilizers & FRM	717	33	750	289	-	289	-	140	140
c) Oil Cakes	-	646	646	-	581	581	-	385	385
d) Edible Oil	108	6	114	187	-	187	174	-	174
e) Coal	...	...	...	28	1755	1783	192	1236	1428
f) Others	18	14	32	47	147	194	151	42	193
2. Okha	832	540	1372	614	796	1410	292	616	908
a) Foodgrains	-	3	3	-	-	-	-	14	-
b) Building Material	-	-	-	-	-	0	-	-	0
c) Chemicals	-	9	9	-	42	42	-	36	36
d) Coke & Coal	832	-	832	614	-	614	281	-	281
e) Ore	-	528	528	-	746	746	-	566	566
f) Others	-	-	-	-	8	8	11	-	11
3. GAPL	774	394	1168	1615	603	2218	2253	1127	3380
a) Edible Oil	208	-	208	397	7	404	421	3	424
b) Food grains	41	-	41	-	83	83	-	434	434
c) Oil cake	-	147	147	-	147	147	-	99	99
d) POL&Other Products	51	-	51	130	-	130	126	4	130
e) Fertiliser&FRM	197	-	197	221	-	221	341	24	365
f) Coal	205	-	205	627	-	627	921	-	921
g) Others	72	247	319	240	366	606	444	563	1007
4. Navalakhi	1700	-	1700	1611	-	1611	1684	42	1726
a) Coal	1642	-	1642	1567	-	1567	1644	-	1644
b) Others	58	-	58	44	-	44	40	42	82
5. Mul-Dwarka	522	479	1001	524	977	1501	502	1185	1687
a) Cement		479	479	-	977	977	-	1185	1185
b) Coal	462		462	464		464	426		426
c) Pol	60		60	60		60	76		76
6. Sikka	14299	509	14808	27404	5646	33050	31389	7971	39360
a) POL&Other Products	12950	338	13288	25907	4385	30292	30151	7794	37945
b) Fertiliser & FRM	700	-	700	534	-	534	678	-	678
c) Building Material	-	3	3	-	34	34	-	-	0
d) Coal	573	-	573	895	-	895	67	-	67
e) Others	76	168	244	68	1227	1295	493	177	670
7. Magdalla	3446	782	4228	3697	912	4609	2685	502	3187
a) Fertiliser & FRM	250	-	250	196	-	196	35	-	35
b) POL&Other Products	1348	52	1400	1537	336	1873	964	134	1098
c) Iron Ore	143	-	143	204	-	204	586	-	586
d) Iron & Steel	225	491	716	409	324	733	62	193	255
e) Coal	1010	-	1010	1085	-	1085	872	-	872
f) Others	470	239	709	266	252	518	166	175	341

Table 2.2.3(Contd...) **Commodity-wise Overseas Cargo Traffic Handled At Select Non-Major Ports - 1999-00, 2000-01& 2001-02**

('000 Tonnes)

Port/Commodity	1999-00			2000-01			2001-02		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
8. Jafarabad	488	1240	1728	121	2379	2500	214	2118	2332
a)Coal	488	-	488	121	-	121	214	-	214
b)Building Material	-	1240	1240	-	2379	2379	-	2118	2118
9. Dahej	1167	-	1167	1581	5	1586	3256	24	3280
a)POL&Other Products	258	-	258	291	-	291	681	-	681
b)Chemicals	94	-	94	55	5	60	99	17	116
c)Fertiliser&FRM	288	-	288	229	-	229	570	-	570
d)Coal	154	-	154	649	-	649	1223	-	1223
e)Other ores	351	-	351	345	-	345	487	7	494
f)Others	22	-	22	12	-	12	196	-	196
10. GPPL	469	71	540	868	373	1241	634	229	863
a)Cement&Clinker	-	-	-	-	66	66	-	58	58
b)Coal	452	-	452	836	-	836	515	-	515
c)Fertiliser&FRM	-	-	-	-	-	0	-	-	0
d)Foodgrains	-	56	56	-	9	9	-	-	0
e)Iron&Steel	-	2	2	15	261	276	42	115	157
f)Others	17	13	30	17	37	54	77	56	133
MAHARASHTRA									
1. Revdanda	819	92	911	610	-	610	59	-	59
a)Iron Ore	819	38	857	610	-	610	59	-	59
b)Iron & Steel	-	54	54	-	-	0	-	-	0
2. Ratnagiri	198	-	198	142	-	142	144	-	144
a) Ethylene	124	-	124	136	-	136	144	-	144
b) POL&Other Products	74	-	74	6	-	6	-	-	0
3) Dharamtar	553	-	553	300	-	300	759	73	832
a) Iron ore	467	-	467	85	-	85	143	-	143
b) Coal	30	-	30	154	-	154	453	-	453
C) Cement							75	-	75
d)Others	56	-	56	61	-	61	88	73	161
4) Dahanu	445	-	445	203	-	203	350	-	350
a) Coal	445	-	445	203	-	203	350	-	350
									0
5)Dabhol	698	-	698	386	1	387	-	4	4
a)POL&Other Products	659	-	659	365	-	365	-	-	0
b)Others	39	-	39	21	1	22	-	4	4
6)Ulwa-Belapur	-	-	-	-	-	-	-	-	-

Table 2.2.3(Contd...) **Commodity-wise Overseas Cargo Traffic Handled At Select Non-Major Ports - 1999-00, 2000-01& 2001-02**

('000 Tonnes)

Port/Commodity	1999-00			2000-01			2001-02		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
KARNATAKA									
1. Karwar	139	237	376	185	285	470	161	289	450
a) Fertilizer &FRM	63	10	73	62	5	67	25	6	31
b) Foodgrains	-	-	-	-	-	-	-	130	-
c) Granite	-	107	107		139	139	28		28
d) Edible Oil	64	-	64	81		81	-	72	72
e) Mollases	-	113	113		114	114		114	114
f) Others	12	7	19	42	27	69	102	87	189
2. Mangalore	-	2	2		2	2	-	-	-
a) Fertilizer finished	-	-	-	-	-	0	-	-	0
b) Others	-	2	2		2	2	-	-	-
KERALA									
1.Neendakara	-	52	52	-	-	-	-	-	-
a) Illmenite	-	52	52	-	-	-	-	-	-
2.Kozikode/Beypore	1	-	1	1	1	2	1	-	1
a) Others	1	-	1	1	1	2	1	-	1
3.Kovalam-Vizhinjam	2	-	2	-	-	-	-	2	2
a) Others	2	-	2	-	-	-	-	2	2
TAMILNADU									
1. Ennore	49	8	57	55	-	55	50		50
a) Fertiliser&FRM	44	-	44	55	-	55	50		50
b) Others	5	8	13	-	-	-	-	-	-
2, Nagapattinam	34	-	34	70	-	70	46	3	49
a) Edible Oil	34	-	34	70	-	70	45	3	48
3.PY-03	-	-	-	-	-	-	-	-	-
4.Thirukkaiyur	19	-	19	-	-	-	-	-	-
a) Others	19	-	19	-	-	-	-	-	-
GOA									
Panaji	92	2242	2334	609	2182	2791	197	1943	2140
a) Iron ore	-	2242	2242	206	2182	2388	24	1897	1921
b) Coal	92	-	92	403	-	403	173	1	174
c) Others								45	45
ANDHRA PRADESH									
1. Kakinada Anchorage Port	754	439	1193	319	81	400	418	355	773
a) Foodgrain	-	439	439	-	-	-	-	-	-
b) Fertiliser &FRM	671	-	671	182	-	182	307	3	310
d) Others	83	-	83	137	81	218	111	352	463
2. Kakinada Deep Water Port	1333	93	1426	1436	139	1575	1947	204	2151
a) Fertiliser &FRM	534	-	534	769	-	769	666	10	676
b) Edible Oil	726	-	726	643	-	643	22		22
c0POL&Other Products							556	11	567
c) Others	73	93	166	126	139	265	703	183	886
3.Rawa	-	-	-	-	-	-	-	-	-
ORISSA									
1.Gopalpur	-	154	154	6	134	140	4	14	18
a) Illmenite	-	-	-	-	130	130	-	11	11
b) Others (Misc)	-	154	154	6	4	10	4	3	7

Table 2.2.4

Commodity-wise Coastal Cargo Traffic Handled At Select Non-Major Ports - 1999-00, 2000-01& 2001-02

('000 Tonnes)

Port/Commodity	1999-00			2000-01			2001-02		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
GUJARAT									
1.Bedi	-	-	-	-	5	5	-	205	205
a)Coal	-	-	-	-	4	4	-	202	202
b)Cement	-	-	-	-	1	1	-	3	3
c)Fertiliser&FRM	-	-	-	-	-	-	-	-	0
2.Okha	78	61	139	31	42	73	275	74	349
a) POL&Other Products	76	-	76	31	-	31	33	-	33
b) Coal	-	-	-	-	-	0	242	-	242
c) Building Material	-	51	51	-	20	20	-	2	2
d) Others	2	10	12	-	22	22	-	72	72
3.GAPL	-	1	1	-	44	44	-	93	93
a) POL&Other Products	-	-	-	-	-	0	-	1	1
b)Foodgrains	-	-	-	-	-	0	-	25	25
c)Others	-	1	1	-	44	44	-	67	67
4.Navlakhi	-	-	-	10	-	10	-	8	8
a)Coal	-	-	-	-	-	0	-	-	0
b) Iron & Steel	-	-	-	10	-	10	-	8	8
5.Mul-Dwarka	-	1229	1229	-	1519	1519	-	1573	1573
a)Cement	-	1229	1229	-	1519	1519	-	1573	1573
6.Sikka	148	6253	6401	269	7467	7736	391	7444	7835
a) Salt	-	83	83	-	69	69	-	67	67
b) POL&Other Products	126	5862	5988	255	7144	7399	333	7314	7647
c) Machinery	22	-	22	-	-	0	58	63	121
d) Others	-	308	308	14	254	268	-	-	-
7.Magdalla	5169	650	5819	4719	562	5281	4886	841	5727
a) POL&Other Products	1338	128	1466	1575	56	1631	2046	260	2306
b) Cement Clinkers	886	-	886	996	-	996	839	-	839
c) Iron Ore	2472	258	2730	1996	41	2037	1836	295	2131
d) Iron & Steel	87	152	239	152	465	617	-	186	186
e) Others	386	112	498	-	-	-	165	100	265
8.Jafarabad	-	1568	1568	-	1432	1432	-	1704	1704
a) Cement Clinkers	-	1568	1568	-	1432	1432	-	1704	1704
9.Dahej	208	4	212	352	6	358	162	11	173
a) POL&Other Products	168	-	168	323	-	323	106	-	106
b)Fertiliser&FRM	-	4	4	-	6	6	10	-	10
c)Chemicals	39	-	39	28	-	28	44	11	55
d)Others	1	-	1	1	-	1	2	-	2
10.GPPL	4	150	154	337	331	668	310	388	698
a) Cement Clinkers	-	67	67	-	281	281	-	147	147
b) Iron & Steel	-	1	1	266	18	284	116	42	158
c)Iron Ore	4	-	4	71	-	71	171	144	315
d)Others	-	82	82	-	32	32	23	55	78
KARNATAKA						0			
1.Karwar	83	-	83	77	6	83	78	-	78
a)Salt	83	-	83	69	-	69	78	-	78
b)Others	-	-	-	8	6	14	-	-	0
2.Mangalore	38	106	144	33	76	109	44	140	184
a)Coal	-	-	-	-	-	0	-	-	-
b)Granite	-	61	61	-	41	41	-	-	-
c)Bentonite	29	-	29	16	-	16	-	-	-
Others	9	45	54	17	35	52	44	140	184

Table 2.2.4(Contd...) **Commodity-wise Coastal Cargo Traffic Handled At Select Non-Major Ports - 1999-00, 2000-01 & 2001-02**

(1000 Tonnes)

Port/Commodity	1999-00			2000-01			2001-02		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
MAHARASHTRA									
1.Ratnagiri	398	-	398	417	-	417	345		345
a) Cement Clinkers	396	-	396	358	-	358	302	-	302
b) POL&Other Products	2	-	2	53	-	53	35	-	35
c) Others	-	-	-	6	-	6	8		8
2.Dharamtar	1577	55	1632	2223	178	2401	1477	146	1623
a) Iron Ore	1409	55	1464	1944	157	2101	1085	129	1214
b) Cement Clinkers	168	-	168	200	-	200	189	-	189
c) Others	-	-	-	79	21	100	203	17	220
3. Revdanda	227	245	472	451	157	608	495	234	729
a) Iron Ore	227	5	232	451	114	565	495	-	495
b) Iron & Steel	-	240	240	-	43	43	-	64	64
4. Ulwa-Belapur	712	-	712	679	-	679	716	-	716
a) Cement	712	-	712	679	-	679	716	-	716
5.Dabhol	27	-	27	88	-	88	72	-	72
a) POL&other Products	19	-	19	51	-	51	63	-	63
b) Cement	8	-	8	37	-	37	9	-	9
6.Dahanu	-	-	-	-	-	-	66	-	66
a) Cement							66	-	66
									0
GOA									
1. Panaji	36	116	152	158	239	397	316	402	718
a) Iron ore	26	98	124	138	212	350	235	376	611
b) Others	10	18	28	20	27	47	81	26	107
KERALA									
1.Kozikoda/Beypore	27	30	57	42	34	76	66	33	99
a) Builiding material	11	18	29	20	9	29	42	9	51
b) Rice/Wheat	2	-	2	2	2	4	-	-	-
c) Others	14	12	26	20	23	43	24	24	48
2) Neendakara	-	-	-	-	-	-	-	-	-
3) Kovlam-Vizanjam	6	-	6	12	2	14	25	-	25
a) Cement	-	-	-	12	-	12	21	-	21
b) Others	6	-	6	-	2	2	4	-	4
									0
ANDHRA PRADESH									
1.Rawa Port	-	2533	2533	-	2562	2562	-	2440	2440
a) Crude Oil	-	2533	2533	-	2562	2562	-	2440	2440
2.Kakinada Anchorage Port	61	16	77	100	7	107	32	17	49
a) Salt	61	-	61	-	-	-	-	-	0
b) Cement	-	13	13	100	7	107	-	-	0
c) Others	-	3	3	-	-	-	32	17	49
3.Kakinada Deep Water	352	-	352	195	-	195	-	-	0
a) POL&other Products	352	-	352	195	-	195	-	-	0
b) Salt	-	-	-	-	-	0	-	-	0
Tamil Nadu									
1.py-03	-	304	304	-	162	162	-	222	222
a) Crude Oil	-	304	304	-	162	162	-	222	222
2.Nagapattinam	-	-	-	-	-	-	-	-	-
3.Ennore	-	-	-	-	-	-	-	-	-
4.Thirukkadaiyur	-	-	-	44	-	44	164	-	164
a) Crude Oil	-	-	-	41	-	41	164	-	164
b) Others	-	-	-	3		3			
ANDAMAN & NICOBAR	513	214	727	450	115	565	450	115	565
a) Building Material	66	40	106	111	13	124	111	13	124
b) POL&Other Products	94		94	112	7	119	112	7	119
c) Foodgrains	73		73	25	4	29	25	4	29
c) Others	280	174	454	202	91	293	202	91	293

Table 2.2.5 **Share of Traffic Handled by Steamer vessels (vis-à-vis Sailing Vessels) in the Total Cargo Handled at Non-Major Ports - Port-wise-2000-01**

State / Selected Port	Steamers (% share)			
	Overseas		Coastal	
	Unloaded	Loaded	Unloaded	Loaded
1	2	3	4	5
GUJARAT				
Magdalla	100.0	100.0	100.0	100.0
Bedi	97.1	100.0	-	100.0
Jafarabad	100.0	100.0	-	100.0
Veraval	100.0	-	-	40.0
Okha	100.0	98.6	100.0	100.0
Porbandar	96.5	98.1	-	97.8
Sikka	100.0	100.0	100.0	100.0
Navlakhi	100.0	-	100.0	-
Bhavnagar	100.0	-	100.0	-
Mundra (Old)	0.0(a)	0.0(a)	-	92.6
Mandvi	0.0(a)	-	-	-
Dahej	100.0	100.0	100.0	100.0
GPPL(Pipavav)	100.0	100.0	100.0	100.0
GAPL	100.0	100.0	-	100.0
Mul Dwarka	100.0	100.0	-	100.0
Others	#REF!	#REF!	#REF!	#REF!
TOTAL	100.0	99.6	100.0	99.6
MAHARASHTRA				
Ratnagiri	100.0	-	100.0	-
Ulwa Belapur	-	-	100.0	-
Revdanda	100.0	-	100.0	100.0
Dharmtar	100.0	-	100.0	100.0
Dahanu	100.0	-	-	-
Dabhol	100.0	100.0	100.0	-
Others	-	100.0	-	100.0
TOTAL	100.0	100.0	100.0	100.0
KERALA				
Kozhikode\Beypore	0.0(a)	0.0(a)	50.0	35.3
Others	-	100.0	100.0	50.0
TOTAL	0.0(a)	66.7	61.1	36.1
GOA(Panaji)	100.0	100.0	100.0	100.0
KARNATAKA				
Malpe	-	-	-	0.0(a)
Karwar	100.0	100.0	100.0	100.0
Mangalore	-	0.0(a)	81.8	5.3
Tadri	-	-	-	0.0(a)
TOTAL	100.0	99.3	94.5	10.6
TAMILNADU				
Ennore	100.0	-	-	-
PY-03	-	-	-	100.0
Nagapattinam	100.0	-	-	-
Others	100.0	-	100.0	-
TOTAL	100.0	-	100.0	100.0
PONDICHERRY	100.0	-	-	-
ANDHRA PRADESH				
Kakinada Anchorage Port	100.0	100.0	100.0	100.0
Kakinada Deep Water Port	100.0	100.0	100.0	-
Rawa	-	-	-	100.0
TOTAL	100.0	100.0	100.0	100.0
ORISSA				
Gopalpur	100.0	100.0	-	-
TOTAL	100.0	100.0	-	-
LAKSHADWEEP	-	-	100.0	-
ANDAMAN & NICOBAR ISLANDS	-	-	100.0	100.0
All Ports	100.0	99.7	99.8	99.0

Note: 1) "-" indicates no cargo movement by steamers as well as sailing vessels.
2) (a): indicate cargo movement by sailing vessels only

Table 2.2.6 **Share of Cargo Handled (by steamers) at Non-Major Ports - State-wise - 1999-00 &2000-01**

State/Port	1999-00					2000-01				
	Overseas		Coastal		Total	Overseas		Coastal		Total
	Unloaded	Loaded	Unloaded	Loaded	Overseas & Coastal	Unloaded	Loaded	Unloaded	Loaded	Overseas & Coastal
1	2	3	4	5	6	7	8	9	10	11
Gujarat	99.9	98.9	100.0	99.5	99.7	100.0	99.6	100.0	99.6	99.8
Maharastra	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Goa	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Daman & Diu	-	-	-	-	-	-	-	-	-	-
Karnataka	100.0	100.0	91.8	0.0(a)	78.7	100.0	99.3	94.5	10.6	86.4
Kerala	0.0(a)	100.0	37.1	26.7	60.8	0.0(a)	66.7	61.1	36.1	51.1
Tamilnadu	100.0	100.0	-	100.0	100.0	100.0	-	100.0	100.0	100.0
Pondicherry	-	-	-	-	-	100.0	-	-	-	100.0
Andhra Pradesh	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Orissa	-	100.0	-	-	100.0	100.0	100.0	-	-	100.0
Sea Routes	100.0	-	100.0	100.0	100.0	-	-	100.0	100.0	100.0
All States	**99.9**	**99.3**	**99.7**	**98.6**	**99.5**	**100.0**	**99.7**	**99.8**	**99.0**	**99.7**

Note: "-" indicates no cargo movement by steamers as well as sailing vessels.

(a) Indicates cargo movement by sailing vessels only.

Table 2.2.7 Manpower Employment At Non-Major Ports - 2000-01

(In No.)

States/UTs	Officers		Regular Workers		Casual Workers
	Sanctioned	Actual	Sanctioned	Actual	
1	2	3	4	5	6
Gujarat	59	214	2247	2227	438
Maharashtra	70	44	158	129	-
Goa	10	8	168	158	-
Daman & Diu	2	2	21	20	6
Karnataka	169	71	-	-	2(a)
Kerala	65	43	329	311	19
Tamil Nadu	20	15	130	95	-
Pondicherry	8	5	96	87	72
Andhra Pradesh	6	3	132	104	1
Andaman & Nicobar Islands	20	13	505	461	18
Lakshadweep	256	217	-	-	4
Total	685	635	3786	3592	558

(a) In Karwar Port (Karnataka) cargo handling operation is done by stevedors and Private Operators.

Table 2.2.8 **Physical Performance of Non-Major Ports (1999-00 &2000-01)**

Maritime State/U.Ts./Port	No.of Vessels Left		Average Waiting Time (in Days)	
	1999-00	2000-01	1999-00	2000-01
1	2	3	4	5
1.GUJARAT				
Porbandar	113	108	1.0	1.0
Okha	96	76	1.9	1.9
Bedi	98	146	Neg	Neg
Sikka	475	724	Neg	Neg
Mahuva	1	1	Neg	Neg
Navalakhi	45	40	Neg	Neg
Jafarabad	565	605	Neg	Neg
Bhavnagar	33	31	Neg	Neg
Pipavav	260	242	Neg	Neg
Mul-Dwarka	68	68	1.0	1.0
GAPL	109	177	1.0	1.0
GPPL	115	404	Neg	0.9
2.KARNATAKA				
Karwar	90	183	2.0	2.0
Tadri	5	6	Neg	Neg
Kundapura	10	12	Neg	Neg
Malpe	81	53	Neg	Neg
Old Mangalore	1002	718	Neg	Neg
3.TAMIL NADU				
Cuddalore	5	5	-	0.4
PY-3	8	4	Neg	Neg
Ennore	9	11	Neg	Neg
Nagapattinam	20	32	Neg	Neg
4.ANDHRA PRADESH				
Rawa port	29	-	Neg	-
Kakinada, Deep Water Port	...	...	...	...
Machilipatinam	3	-	2.7	-
5.GOA				
Panaji	175	68	4.5	5.2
6.KERALA				
Kozhikode/Beypore	310	308	2.7	2.8
Neendakara	2	1	1	3
Azhikkal	35	...	...	...
Koavalam/Vizhinjam	45	53	3.6	3.6

SECTION – 3

TIME SERIES STATISTICS

3.1 ALL PORTS
3.2 MAJOR PORTS
3.3 NON-MAJOR PORTS

SECTION – 3

TIME SERIES STATISTICS

3.1 ALL PORTS
3.2 MAJOR PORTS
3.3 NON-MAJOR PORTS

Table 3.1.1 Trend in Cargo Traffic Handled At Indian Ports

(In Million Tonnes)

Ports/ Years	Overseas			Coastal			Overseas & Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
MAJOR PORTS									
1991-92	59.91	44.89	104.80	26.66	25.18	51.84	86.57	70.07	156.64
1992-93	74.09	43.28	117.37	24.35	24.78	49.13	98.44	68.06	166.50
1993-94	76.02	53.48	129.50	24.81	24.71	49.52	100.83	78.19	179.02
1994-95	83.60	52.18	135.78	29.60	30.51	60.11	113.20	82.69	195.89
1995-96	94.86	57.24	152.10	31.79	31.32	63.11	126.65	88.56	215.21
1996-97	102.84	57.77	160.61	36.37	30.28	66.65	139.21	88.05	227.26
1997-98	117.43	62.25	179.68	38.55	33.43	71.98	155.98	95.68	251.66
1998-99	124.99	55.03	180.02	39.54	32.18	71.72	164.53	87.21	251.74
1999-00	133.80	56.63	190.43	49.92	31.62	81.54	183.72	88.25	271.97
2000-01	127.20	66.20	193.40	51.55	36.18	87.73	178.75	102.38	281.13
2001-02(P)	130.12	76.77	206.89	47.03	33.66	80.69	177.15	110.43	287.58
NON-MAJOR PORTS									
1991-92	4.76	4.11	8.87	3.02	1.37	4.39	7.78	5.48	13.26
1992-93	6.23	4.74	10.97	3.09	1.34	4.43	9.32	6.08	15.40
1993-94	7.58	6.63	14.21	3.84	1.42	5.26	11.42	8.05	19.47
1994-95	8.61	6.42	15.03	5.37	1.88	7.25	13.98	8.30	22.28
1995-96	9.95	8.17	18.12	5.12	2.47	7.59	15.07	10.64	25.71
1996-97	10.77	7.67	18.44	6.11	3.28	9.39	16.88	10.95	27.83
1997-98	18.75	10.42	29.17	5.22	4.22	9.44	23.97	14.64	38.61
1998-99	15.93	8.42	24.35	6.34	5.62	11.96	22.27	14.04	36.31
1999-00	31.13	8.18	39.31	10.20	13.87	24.07	41.33	22.05	63.38
2000-01(P)	43.60	17.57	61.17	10.87	15.21	26.08	54.47	32.78	87.25
2001-02(P)	48.51	19.36	67.87	10.60	16.66	27.26	59.11	36.02	95.13
ALL PORTS									
1991-92	64.67	49.00	113.67	29.68	26.55	56.23	94.35	75.55	169.90
1992-93	80.32	48.02	128.34	27.44	26.12	53.56	107.76	74.14	181.90
1993-94	83.60	60.11	143.71	28.65	26.13	54.78	112.25	86.24	198.49
1994-95	92.21	58.60	150.81	34.97	32.39	67.36	127.18	90.99	218.17
1995-96	104.81	65.41	170.22	36.91	33.79	70.70	141.72	99.20	240.92
1996-97	113.61	65.44	179.05	42.48	33.56	76.04	156.09	99.00	255.09
1997-98	136.18	72.67	208.85	4.77	37.65	81.42	179.95	110.32	290.27
1998-99	140.92	63.45	204.37	45.88	37.80	83.68	186.80	101.25	288.05
1999-00	164.93	64.81	229.74	60.12	45.49	105.61	225.05	110.30	335.35
2000-01(P)	170.80	83.77	254.57	62.42	51.39	113.81	233.22	135.16	368.38
2001-02(P)	178.63	96.13	274.76	57.63	50.32	107.95	236.26	146.45	382.71

P: Provisonal.

Table 3.1.2 **Cargo Traffic Handled At Indian Ports - By State** (In '000 Tonnes)

Port/State/Type of Traffic	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
GUJARAT	34794	40245	43445	48020	53588	66616	63559	93000	108000	117435
Kandla	22910	24500	26502	30339	33730	38901	40637	46303	36741	37728
Other Ports	11884	15745	16943	18481	19858	27715	22922	46697	71259	79707
Overseas	26975	33083	34650	40653	43794	55710	52210	68943	84999	94020
Coastal	7819	7162	8795	8167	9794	10906	11349	24057	23001	23415
Loaded	6957	9760	10475	12795	12804	14185	12314	18767	31129	37061
Unloaded	27837	30485	32970	36025	40784	52431	51245	74233	76871	80374
MAHARASHTRA	32256	34539	38127	44260	46040	45677	47888	51434	51534	53914
Mumbai	28946	30506	30673	33916	33727	32097	30970	30412	27063	26433
J.L.Nehru	3007	3387	5008	6873	8069	8895	11723	14976	18575	22521
Other Ports	303	646	2446	3471	4244	4685	5195	6046	5896	4960
Overseas	21386	25432	25565	29944	33132	35688	36757	38263	36843	39680
Coastal	10870	9107	12562	14316	12908	9989	11131	13171	14691	14234
Loaded	14621	14391	16374	19250	18883	16683	16356	16186	18465	19199
Unloaded	17635	20148	21753	25010	27157	28994	31532	35248	33069	34715
GOA	16526	18929	19093	18202	17707	22167	20194	20712	22816	25786
Mormugao	16314	18717	18881	18095	17312	21182	18020	18226	19628	22928
Other Ports	212	212	212	107	395	985	2174	2486	3188	2858
Overseas	15251	17567	17445	17482	16668	21094	18903	19396	21162	23857
Coastal	1275	1362	1648	720	1039	1073	1291	1316	1654	1929
Loaded	14044	16306	16273	15376	15537	19900	17428	17287	18359	20654
Unloaded	2482	2623	2820	2826	2170	2267	2766	3425	4457	5132

Table 3.1.2(Contd...)

Cargo Traffic Handled At Indian Ports - By State

(In '000 Tonnes)

Port/State/Type of Traffic	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
DAMAN & DIU	-	-	-	-	-	-	-	-	-	-
Other Ports	-	-	-	-	-	-	-	-	-	-
Overseas	-	-	-	-	-	-	-	-	-	-
Coastal	-	-	-	-	-	-	-	-	-	-
Loaded	-	-	-	-	-	-	-	-	-	-
Unloaded	-	-	-	-	-	-	-	-	-	-
KARNATAKA	7558	8940	8460	9407	12977	15786	14610	18224	18567	18213
New Mangalore	7088	8630	8005	8884	12453	15282	14206	17601	17891	17501
Other Ports	470	310	455	523	524	504	404	623	676	712
Overseas	6785	7955	7218	7947	10381	12567	11857	14266	14048	13494
Coastal	773	985	1242	1460	2596	3219	2753	3958	4519	4719
Loaded	5744	7531	6533	7191	8284	9468	7494	9510	9082	9173
Unloaded	1814	1409	1927	2216	4693	6318	7116	8714	9485	9040
KERALA	8103	7719	8828	11687	11813	12439	12785	12961	13238	12186
Cochin	7978	7620	8631	11503	11742	12323	12681	12841	13144	12059
Other Ports	125	99	197	184	71	116	104	120	94	127
Overseas	3284	3107	4023	4842	5739	6567	7174	4438	7354	7032
Coastal	4819	4612	4805	6845	6074	5872	5611	8523	5884	5154
Loaded	1233	1367	1630	2547	2321	2644	2514	2287	2122	2000
Unloaded	6870	6352	7198	9140	9492	9795	10271	10674	11116	10186
TAMIL NADU	31806	33321	37629	40123	41056	45773	45822	47850	53838	53022
Tuticorin	6215	6700	8041	9286	9174	9974	10150	9993	12284	13017
Chennai	25331	26541	29464	30721	31848	35531	35202	37443	41220	36115
Ennore	-	-	-	-	-	-	-	-	-	3401
Other Ports	260	80	124	116	34	268	470	414	334	489
Overseas	18645	19428	21210	25168	23644	27580	26694	28647	30932	31978
Coastal	13161	13893	16419	14955	17412	18193	19128	19203	22906	21044
Loaded	9864	10774	11413	11621	11481	13268	12170	13376	14907	16406
Unloaded	21942	22547	26216	28502	29575	32505	33652	34474	38931	36616

Table 3.1.2(Contd...) **Cargo Traffic Handled At Indian Ports - By State** (In '000 Tonnes)

Port/State/Type of Traffic	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
PONDICHERRY	47	22	26	56	45	N	23	-	76	95
Other Ports	47	22	26	56	45	N	23	-	76	95
Overseas	47	22	26	56	45	N	23	-	76	95
Coastal	-	-	-	-	-	-	-	-	-	-
Loaded	-	-	-	-	-	-	-	-	-	-
Unloaded	47	22	26	56	45	N	23	-	76	95
ANDHRA PRADESH	24325	27402	31416	35120	36725	39552	39832	45430	49524	49757
Visakhapatnam	22765	25595	30029	32817	34498	36014	35654	39510	44685	44344
Other Ports	1560	1807	1387	2303	2227	3538	4178	5920	4839	5413
Overseas	19157	20327	21538	23518	24545	24359	24629	25297	26552	29994
Coastal	5168	7075	9878	11602	12180	15193	15203	20133	22972	19763
Loaded	10919	13927	15118	16838	14922	16534	16177	17440	20975	19924
Unloaded	13406	13475	16298	18282	21803	23018	23655	27990	28549	29833
ORISSA	7811	8539	10321	11433	11719	13503	13228	13790	20040	21149
Paradip	7606	8327	10121	11259	11580	13302	13108	13636	19900	21131
Other Ports	205	212	200	174	139	201	120	154	140	18
Overseas	4425	4853	5978	6509	5690	6256	5402	6324	9948	10175
Coastal	3386	3686	4343	4924	6029	7247	7826	7466	10092	10974
Loaded	5231	5808	6669	7129	7809	8959	8721	9014	13186	14483
Unloaded	2580	2731	3652	4304	3910	4544	4507	4776	6854	6666
WEST BENGAL	18337	18496	20535	21515	23124	28157	29387	31026	30000	30403
KDS	5157	5169	5804	6124	6023	7952	9163	10313	7158	5374
HDC	13180	13327	14731	15391	17101	20205	20224	20713	22842	25029
Other Ports	-	-	-	-	-	-	-	-	-	-
Overseas	12383	11937	13155	14105	15411	19004	20694	24153	22659	24437
Coastal	5954	6559	7380	7410	7713	9153	8693	6873	7341	5966
Loaded	5422	6279	6453	6400	6896	8498	7824	6090	6821	7431
Unloaded	12915	12217	14082	15115	16228	19659	21563	24936	23179	22972

Table 3.1.2(Contd...)

Cargo Traffic Handled At Indian Ports - By State

(In '000 Tonnes)

Port/State/Type of Traffic	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
SEA-ISLANDS	337	337	292	295	295	595	716	923	747	747
Other Ports	337	337	292	295	295	595	716	923	747	747
Overseas	-	-	-	-	-	17	22	14	-	-
Coastal	337	337	292	295	295	578	694	909	747	747
Loaded	99	99	60	56	61	187	249	214	115	115
Unloaded	238	238	232	239	234	408	467	709	632	632
ALL INDIA	181900	198489	218172	240918	255089	290265	288044	335350	368380	382707
Major Ports	166497	179019	195890	215208	227257	251658	251738	271967	281131	287581
Other Ports	15403	19470	22282	25710	27832	38607	36306	63383	87249	95126
Overseas	128338	143711	150808	170224	179049	208842	204365	229741	254573	274762
Coastal	53562	54778	67364	70694	76040	81423	83679	105609	113807	107945
Loaded	74134	86242	90998	99203	98998	110326	101247	110301	135161	146446
Unloaded	107766	112247	127174	141715	156091	179939	186797	225049	233219	236261

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

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

Table 3.1.3 **Cargo Unloaded (Overseas & Coastal) At Indian Ports - By State** ('000 Tonnes)

Port/State/Type of Traffic	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
GUJARAT										
Kandla	20503	20953	22651	25873	29267	35021	36457	42635	31954	30024
Other Ports	7334	9532	10319	10152	11517	17410	14788	31598	44917	50350
Total	27837	30485	32970	36025	40784	52431	51245	74233	76871	80374
Overseas	21197	24495	26450	30092	33272	43342	42919	60676	65900	70710
Coastal	6640	5990	6520	5933	7512	9089	8326	13557	10971	9664
MAHARASHTRA										
Mumbai	15232	17438	16162	17320	18370	19307	19166	20391	16959	17310
Jawaharlal Nehr	2105	2088	3290	4314	4808	5373	7418	9073	10611	12920
Other Ports	298	622	2301	3376	3979	4314	4948	5654	5499	4485
Total	17635	20148	21753	25010	27157	28994	31532	35118	33069	34715
Overseas	17221	19321	19245	21636	23138	26255	27301	28418	25560	27045
Coastal	414	827	2508	3374	4019	2739	4231	6700	7509	7670
GOA										
Mormugao	2394	2535	2732	2819	1951	1978	2560	3297	3690	4619
Other Ports	88	88	88	7	219	289	206	128	767	513
Total	2482	2623	2820	2826	2170	2267	2766	3425	4457	5132
Overseas	1720	1910	2024	2336	1323	1358	1883	2370	3167	3761
Coastal	762	713	796	490	847	909	883	1055	1290	1371
DAMAN & DIU										
Other Ports	neg	neg	neg	-	-	-	-	-	-	-
Total	neg	neg	neg	-	-	-	-	-	-	-
Overseas	-	-	-	-	-	-	-	-	-	-
Coastal	neg	neg	neg	-	-	-	-	-	-	-
KARNATAKA										
New Mangalore	1530	1245	1640	1883	4479	6098	6929	8453	9190	8757
Other Ports	284	164	287	333	214	220	187	261	295	283
Total	1814	1409	1927	2216	4693	6318	7116	8714	9485	9040
Overseas	1127	718	1144	1319	4287	5957	6649	8116	8412	7485
Coastal	687	691	783	897	406	361	467	598	1073	1555

Table 3.1.3 (Contd...) **Cargo Unloaded (Overseas & Coastal) At Indian Ports - By State** ('000 Tonnes)

Port/State/Type of Traffic	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
KERALA										
Cochin	6864	6351	7193	9125	9487	9781	10251	10636	11061	10094
Other Ports	6	1	5	15	5	14	20	38	55	92
Total	6870	6352	7198	9140	9492	9795	10271	10674	11116	10186
Overseas	2601	2323	2952	3522	4497	5447	6168	3493	6279	5816
Coastal	4269	4029	4246	5618	4995	4348	4103	7181	4837	4370
TAMIL NADU										
Tuticorin	5408	5606	6876	7955	7611	8414	8485	7934	9839	9811
Chennai	16286	16879	19247	20433	21933	24029	25091	26438	28920	23140
Ennore	-	-	-	-	-	-	-	-	-	3401
Other Port	248	62	93	114	31	62	76	102	172	36616
Total	21942	22547	26216	28502	29575	32505	33652	34474	38931	36565
Overseas	10187	9807	11591	14595	13368	15583	15848	16784	16969	16876
Coastal	11755	12740	14625	13907	16207	16922	17804	17690	21962	19740
PONDICHERRY										
Other Ports	47	22	26	56	45	N	23	-	76	95
Total	47	22	26	56	45	N	23	-	76	95
Overseas	47	22	26	56	45	N	23	-	76	95
Coastal	-	-	-	-	-	-	-	-	-	-
ANDHRA PRADESH										
Visakhapatnam	12774	12930	15837	17611	21214	21826	22103	25151	26499	27436
Other Ports	632	545	461	671	589	1192	1552	2839	2050	2397
Total	13406	13475	16298	18282	21803	23018	23655	27990	28549	29833
Overseas	12622	12018	13676	14731	16386	17018	17171	18466	18162	20398
Coastal	784	1457	2622	3551	5417	6000	6484	9524	10387	9435
ORISSA										
Paradip	2428	2581	3491	4200	3859	4488	4507	4776	6848	6662
Other Ports	152	150	161	104	51	56	-	-	6	4
Total	2580	2731	3652	4304	3910	4544	4507	4776	6854	6666
Overseas	2580	2727	3499	4239	3784	4435	3939	4237	6021	5746
Coastal	-	4	153	65	126	109	568	539	833	920

Table 3.1.3 (Contd...) **Cargo Unloaded (Overseas & Coastal) At Indian Ports - By State** ('000 Tonnes)

Port/State/Type of Traffic	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
WEST BENGAL										
KDS	3677	3374	4106	4250	4235	6284	7963	9060	5929	4505
HDC	9238	8843	9976	10865	11993	13375	13600	15876	17250	18467
Other Ports	-	-	-	-	-	-	-	-	-	-
Total	12915	12217	14082	15115	16228	19659	21563	24936	23179	22972
Overseas	11017	10261	11600	12283	13505	16757	18987	22350	20254	20697
Coastal	1898	1956	2482	2832	2723	2902	2576	2586	2925	2275
SEA-ISLAND										
Other Ports	238	238	232	239	234	408	467	709	632	632
Total	238	238	232	239	234	408	467	709	632	632
Overseas	-	-	-	-	-	17	22	14	-	-
Coastal	238	238	232	239	234	391	445	695	632	632
ALL INDIA										
MAJOR PORTS	98439	100823	113201	126648	139207	155974	164530	183720	178750	177146
Other Ports	9327	11424	13973	15067	16884	23965	22267	41329	54469	59115
Total	107766	112247	127174	141715	156091	179939	186797	225049	233219	236261
Overseas	80319	83602	92207	104809	113605	136169	140910	164924	170800	178629
Coastal	27447	28645	34967	36906	42486	43770	45887	60125	62419	57632

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

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

Table 3.1.4 **Cargo Loaded (Overseas And Coastal) At Indian Ports - By State** ('000 Tonnes)

Port/State/Type of Traffic	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
GUJARAT										
Kandla	2407	3547	3851	4466	4463	3880	4180	3668	4787	7704
Other Ports	4550	6213	6624	8329	8341	10305	8134	15099	26342	29357
Total	6957	9760	10475	12795	12804	14185	12314	18767	31129	37061
Overseas	5778	8588	8200	10561	10522	12368	9291	8267	19099	23310
Coastal	1179	1172	2275	2234	2282	1817	3023	10500	12030	13751
MAHARASHTRA										
Mumbai	13714	13068	14511	16596	15357	12790	11804	10021	10104	9123
Jawaharlal Nehru	902	1299	1718	2559	3261	3522	4305	5903	7964	9601
Other Ports	5	24	145	95	265	371	247	392	397	475
Total	14621	14391	16374	19250	18883	16683	16356	16316	18465	19199
Overseas	4165	6111	6320	8308	9994	9433	9456	9845	11283	12635
Coastal	10456	8280	10054	10942	8889	7250	6900	6471	7182	6564
GOA										
Mormugao	13920	16182	16149	15276	15361	19204	15460	14929	15938	18309
Other Ports	124	124	124	100	176	696	1968	2358	2421	2345
Total	14044	16306	16273	15376	15537	19900	17428	17287	18359	20654
Overseas	13531	15657	15421	15146	15345	19736	17020	17026	17995	20096
Coastal	513	649	852	230	192	164	408	261	364	558
DAMAN & DIU										
Other Ports	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-
Overseas	-	-	-	-	-	-	-	-	-	-
Coastal	-	-	-	-	-	-	-	-	-	-
KARNATAKA										
New Mangalore	5558	7385	6365	7001	7974	9184	7277	9148	8701	8744
Other Ports	186	146	168	190	310	284	217	362	381	429
Total	5744	7531	6533	7191	8284	9468	7494	9510	9082	9173
Overseas	5658	7237	6074	6628	6094	6610	5208	6150	5636	6009
Coastal	86	294	459	563	2190	2858	2286	3360	3446	3164

Table 3.1.4 (Contd...) **Cargo Loaded (Overseas And Coastal) At Indian Ports - By State** ('000 Tonnes)

Port/State/Type of Traffic	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
KERALA										
Cochin	1114	1269	1438	2378	2255	2542	2430	2205	2083	1965
Other Ports	119	98	192	169	66	102	84	82	39	35
Total	1233	1367	1630	2547	2321	2644	2514	2287	122	2000
Overseas	683	784	1071	1320	1242	1120	1006	945	1075	1216
Coastal	550	583	559	1227	1079	1524	1508	1342	1047	784
TAMIL NADU										
Tuticorin	807	1094	1165	1331	1563	1560	1665	2059	2445	3206
Chennai	9045	9662	10217	10288	9915	11502	10111	11005	12300	12975
Ennore	-	-	-	-	-	-	-	-	-	-
Other Ports	12	18	31	2	3	206	394	312	162	225
Total	9864	10774	11413	11621	11481	13268	12170	13376	14907	16406
Overseas	8458	9621	9619	10573	10276	11997	10846	11863	13963	15102
Coastal	1406	1153	1794	1048	1205	1271	1324	1513	944	1304
PONDICHERRY										
Other Ports	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-
Overseas	-	-	-	-	-	-	-	-	-	-
Coastal	-	-	-	-	-	-	-	-	-	-
ANDHRA PRADESH										
Visakhapatnam	9991	12665	14192	15206	13284	14188	13551	14359	18186	16908
Other Ports	928	1262	926	1632	1638	2346	2626	3081	2789	3016
Total	10919	13927	15118	16838	14922	16534	16177	17440	20975	19924
Overseas	6535	8309	7862	8787	8159	7341	7458	6831	8390	9596
Coastal	4384	5618	7256	8051	6763	9193	8719	10609	12585	10328
ORISSA										
Paradip	5178	5746	6630	7059	7721	8814	8601	8860	13052	14469
Other Ports	53	62	39	70	88	145	120	154	134	14
Total	5231	5808	6669	7129	7809	8959	8721	9014	13186	14483
Overseas	1845	2126	2479	2270	1906	1821	1463	2087	3927	4429
Coastal	3386	3682	4190	4859	5903	7138	7258	6927	9259	10054

Table 3.1.4 (Contd...) **Cargo Loaded (Overseas And Coastal) At Indian Ports - By State** ('000 Tonnes)

Port/State/Type of Traffic	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11
WEST BENGAL										
KDS	1480	1795	1698	1874	1788	1668	1200	1253	1229	869
HDC	3942	4484	4755	4526	5108	6830	6624	4837	5592	6562
Other Ports	-	-	-	-	-	-	-	-	-	-
Total	5422	6279	6453	6400	6896	8498	7824	6090	6821	7431
Overseas	1366	1676	1555	1822	1906	2247	1707	1803	2405	3740
Coastal	4056	4603	4898	4578	4990	6251	6117	4287	4416	3691
SEA-ISLANDS										
Other Ports	99	99	60	56	61	187	249	214	115	115
Total	99	99	60	56	61	187	249	214	115	115
Overseas	-	-	-	-	-	-	-	-	-	-
Coastal	99	99	60	56	61	187	249	214	115	115
ALL INDIA										
Major Ports	68058	78196	82689	88560	88050	95684	87208	88247	102381	110435
Other Ports	6076	8046	8309	10643	10948	14642	14039	22054	32780	36011
Total	74134	86242	90998	99203	98998	110326	101247	110301	135161	146446
Overseas	48019	60109	58601	65415	65444	72673	63455	64817	83773	96133
Coastal	26115	26133	32397	33788	33554	37653	37792	45484	51388	50313

Note: 1) 'Other Ports' means Non-Major Ports
2) Sea Islands comprises of Lakshadweep & A & N Islands.

Table 3.2.1 **Trend in Total Traffic Handled At Major Ports** (Million Tonnes)

Year	Overseas			Coastal			Overseas & Coastal		
	Unload-ed	Loaded	Total	Unload-ed	Loaded	Total	Unload-ed	Loaded	Total
1	2	3	4	5	6	7	8	9	10
1970-71	21.50	26.58	48.08	4.06	3.44	7.50	25.56	30.02	55.58
1975-76	29.13	29.04	58.17	4.20	3.63	7.83	33.33	32.67	66.00
1980-81	39.09	28.50	67.59	7.73	4.95	12.68	46.82	33.45	80.27
1981-82	39.78	32.23	72.01	8.61	7.36	15.97	48.39	39.59	87.98
1982-83	41.08	29.16	70.24	10.57	12.89	23.46	51.65	42.05	93.70
1983-84	38.80	29.07	67.87	13.41	15.10	28.51	52.21	44.17	96.38
1984-85	39.62	33.97	73.59	15.71	16.52	32.23	55.33	50.49	105.82
1985-86	45.82	36.73	82.55	22.16	14.91	37.07	67.98	51.64	119.62
1986-87	43.58	39.79	83.37	23.36	17.64	41.00	66.94	57.43	124.37
1987-88	49.95	40.15	90.10	23.39	21.11	44.50	73.34	61.26	134.60
1988-89	55.40	43.79	99.19	25.91	21.96	47.87	81.31	65.75	147.06
1989-90	54.13	45.26	99.39	26.72	21.46	48.18	80.85	66.72	147.57
1990-91	59.02	43.63	102.65	26.07	22.95	49.02	85.09	66.58	151.67
1991-92	59.91	44.89	104.80	26.66	25.18	51.84	86.57	70.07	156.64
1992-93	74.09	43.28	117.37	24.35	24.78	49.13	98.44	68.06	166.50
1993-94	76.02	53.48	129.50	24.81	24.71	49.52	100.83	78.19	179.02
1994-95	83.60	52.18	135.78	29.60	30.51	60.11	113.20	82.69	195.89
1995-96	94.86	57.24	152.10	31.79	31.32	63.11	126.65	88.56	215.21
1996-97	102.84	57.77	160.61	36.37	30.28	66.65	139.21	88.05	227.26
1997-98	117.43	62.25	179.68	38.55	33.43	71.98	155.98	95.68	251.66
1998-99	124.99	55.03	180.02	39.54	32.18	71.72	164.53	87.21	251.74
1999-00	133.80	56.63	190.43	49.92	31.62	81.54	183.72	88.25	271.97
2000-01	127.20	66.20	193.40	51.55	36.18	87.73	178.75	102.38	281.13
2001-02	130.12	76.77	206.89	47.03	33.66	80.69	177.15	110.43	287.58

Table 3.2.2 Trend in Port-wise Cargo Traffic Handled At Major Ports

(In Million Tonnes)

Year	PORTS												
	Kandla	Mumbai	J.L. Nehru	Mormu-gao	N.Mang-alore	Cochin	Tuti-corin	Chennai	Ennore	Visakha-patnam	Para-dip	Kolkata /Haldia	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1960-61	1.57	14.35	-	-	-	2.01	-	3.04	-	2.76	-	9.39	33.12
1965-66	2.51	17.91	-	7.87	-	2.87	-	4.87	-	4.46	-	9.73	50.22
1970-71	1.61	14.37	-	11.01	-	4.81	-	6.92	-	8.73	2.16	5.97	55.58
1975-76	3.20	16.65	-	12.77	0.34	4.26	1.36	7.88	-	8.55	3.33	7.66	66.00
1980-81	8.76	16.98	-	13.77	0.96	5.23	2.56	10.38	-	10.12	2.24	9.27	80.27
1981-82	9.69	19.40	-	14.98	1.64	5.50	2.67	11.41	-	10.99	2.23	9.47	87.98
1982-83	12.36	23.21	-	12.81	2.27	5.71	3.23	12.07	-	10.22	1.57	10.25	93.70
1983-84	14.16	23.89	-	12.84	2.84	5.00	3.55	12.84	-	9.88	1.37	10.01	96.38
1984-85	15.74	26.94	-	14.30	3.38	4.07	3.77	14.13	-	11.08	2.14	10.27	105.82
1985-86	16.49	24.31	-	16.12	3.69	5.28	4.22	18.15	-	15.91	3.33	12.13	119.63
1986-87	16.19	25.08	-	14.92	5.43	6.88	4.13	19.78	-	15.04	4.85	12.07	124.37
1987-88	18.08	29.57	-	13.33	6.11	6.80	4.26	22.82	-	15.37	5.19	13.07	134.60
1988-89	17.81	29.34	-	15.39	7.09	7.82	5.13	23.86	-	20.37	6.03	14.22	147.06
1989-90	18.92	27.75	0.70	14.17	7.66	7.12	5.32	23.94	-	21.12	6.18	14.69	147.57
1990-91	19.69	28.90	2.02	14.91	8.02	7.28	5.08	24.52	-	19.42	6.88	14.95	151.67
1991-92	21.00	26.26	2.79	15.10	8.27	7.48	5.87	25.05	-	21.52	7.30	16.00	156.64
1992-93	22.91	28.95	3.01	16.31	7.09	7.98	6.22	25.33	-	22.76	7.60	18.34	166.50
1993-94	24.50	30.51	3.38	18.72	8.03	7.62	6.70	26.54	-	25.59	8.33	18.50	179.02
1994-95	26.50	30.67	5.01	18.88	8.01	8.63	8.04	29.46	-	30.03	10.12	20.54	195.89
1995-96	30.34	33.92	6.87	18.09	8.88	11.50	9.29	30.72	-	32.82	11.26	21.52	215.21
1996-97	33.73	33.73	8.07	17.31	12.45	11.74	9.18	31.85	-	34.50	11.58	23.12	227.26
1997-98	38.90	32.10	8.90	21.18	15.28	12.32	9.98	35.53	-	36.01	13.30	28.16	251.66
1998-99	40.64	30.97	11.72	18.02	14.21	12.68	10.15	35.20	-	35.65	13.11	29.39	251.74
1999-00	46.30	30.41	14.98	18.23	17.60	12.84	9.99	37.44	-	39.51	13.64	31.03	271.97
2000-01	36.74	27.06	18.58	19.63	17.89	13.14	12.28	41.22	-	44.69	19.90	30.00	281.13
2001-02	37.73	26.43	22.52	22.93	17.50	12.06	13.02	36.12	3.40	44.34	21.13	30.40	287.58

Table 3.2.3 Commodity-wise Cargo Traffic Handled At Major Ports ('000 Tonnes)

Year	POL (Crude & Products)	Ferti-liser	Fertili-ser Raw Material	Iron Ore	Coal	Food-grains	Others	Total
1	2	3	4	5	6	7	8	9
ALL PORTS								
1980-81	33578	4278	1933	22836	2110	975	14560	80270
1981-82	34154	2951	2142	25114	3148	2376	18095	87980
1982-83	45340	4023	(a)	22218	4875	2347	14894	93697
1983-84	49743	1893	2342	21952	4164	3417	12866	96377
1984-85	49004	4226	2915	26041	4422	1313	17902	105823
1985-86	54890	4106	2700	28841	7538	1133	20405	119613
1986-87	53070	2387	4075	30609	8551	1402	24272	124366
1987-88	58917	1417	4165	28748	12788	1672	26895	134602
1988-89	63166	1648	4738	32738	15468	3388	25915	147061
1989-90	61968	2921	5193	33186	17616	1493	25198	147575
1990-91	64004	2879	6064	31904	19659	1528	25627	151665
1991-92	67625	3153	6767	32101	22403	1539	23056	156644
1992-93	73959	3595	6318	29827	24488	2795	25515	166497
1993-94	77265	4183	5291	34096	26806	1964	29414	179019
1994-95	80753	4334	6667	34354	30798	1343	37641	195890
1995-96	90923	5727	6628	34562	33790	3852	39726	215208
1996-97	97854	3298	6633	33260	37530	3269	45413	227257
1997-98	104393	4797	7614	39611	42295	2904	50044	251658
1998-99	107574	4717	7837	34547	43605	3653	49805	251738
1999-00	117674	5641	8207	36382	43193	3003	57867	271967
2000-01	108382	3029	10305	40458	54524	1978	62455	281131
2001-02	103278	3492	10480	45764	51253	3914	69400	287581
KANDLA								
1980-81	7208	404	262	...	...	374	513	8761
1981-82	7629	207	393	...	...	601	860	9690
1982-83	10151	338	-	...	...	475	1394	12358
1983-84	11361	93	136	...	...	514	2054	14158
1984-85	11938	484	304	...	...	282	2737	15745
1985-86	12340	423	208	...	...	302	3213	16486
1986-87	11928	270	127	...	...	454	3415	16194
1987-88	13395	207	191	...	...	812	3478	18083
1988-89	13238	235	204	...	...	580	3550	17807
1989-90	14354	302	730	...	...	436	3103	18925
1990-91	15062	308	737	...	...	585	2993	19685
1991-92	16503	365	936	...	...	940	2258	21002
1992-93	17951	448	945	...	...	600	2966	22910
1993-94	18157	824	1043	...	...	629	3847	24500
1994-95	18898	705	1174	...	...	689	5036	26502
1995-96	21126	676	1102	...	...	2038	5397	30339
1996-97	25061	366	1335	...	...	1951	5017	33730
1997-98	29036	732	1550	...	...	1386	6197	38901
1998-99	30468	588	1629	...	736	1697	5519	40637
1999-00	34612	1020	1746	...	829	1050	7046	46303
2000-01	25094	471	1694	...	624	1273	7585	36741
2001-02	22709	611	2129	...	381	2584	9314	37728

(a) Included in Fertilizer.

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

Year	POL (Crude & Products)	Ferti-liser	Fertili-ser Raw Material	Iron Ore	Coal	Food-grains	Others	Total
1	2	3	4	5	6	7	8	9
MUMBAI (a)								
1980-81	8998	733	543	...	-	87	6617	16978
1981-82	9449	548	630	...	-	226	8543	19396
1982-83	17101	936	...	...	-	362	4810	23209
1983-84	16650	216	720	...	-	376	5927	23889
1984-85	16929	339	702	...	-	117	8849	26936
1985-86	15470	331	721	...	-	608	7180	24310
1986-87	16313	236	985	...	-	497	7043	25074
1987-88	19384	174	992	...	-	572	8446	29568
1988-89	19063	162	1266	...	-	860	7991	29342
1989-90	18210	141	1082	...	-	432	7881	27746
1990-91	19670	46	621	...	-	625	7937	28899
1991-92	19512	37	457	...	-	340	5915	26261
1992-93	20303	39	928	...	-	544	7232	28946
1993-94	20820	57	845	...	-	763	8021	30506
1994-95	18833	70	892	...	-	616	10262	30673
1995-96	21138	105	735	...	-	1209	10729	33916
1996-97	18712	50	673	...	-	114	14178	33727
1997-98	16732	60	818	...	-	24	14463	32097
1998-99	16671	96	806	...	-	30	13367	30970
1999-00	16785	140	749	...	-	141	12597	30412
2000-01	15641	139	561	...	-	186	10536	27063
2001-02	15710	108	552	...	-	123	9940	26433
J.L.NEHRU								
1989-90	-	102	132	-	...	57	406	697
1990-91	-	516	850	-	...	-	656	2022
1991-92	-	623	820	-	...	-	1351	2794
1992-93	-	588	114	-	...	577	1728	3007
1993-94	-	855	23	-	...	275	2234	3387
1994-95	-	1187	125	-	...	-	3696	5008
1995-96	139	1716	179	648	...	68	4123	6873
1996-97	252	984	363	686	...	380	5404	8069
1997-98	681	881	75	657	...	355	6246	8895
1998-99	1271	796	93	531	...	418	8614	11723
1999-00	1413	627	164	48	...	555	12169	14976
2000-01	1811	246	148	-		-	16370	18575
2001-02	1747	265	68	-	-	30	20411	22521

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

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

Year	POL (Crude & Products)	Ferti-liser	Fertili-ser Raw Material	Iron Ore	Coal	Food-grains	Others	Total
1	2	3	4	5	6	7	8	9
MORMUGAO								
1980-81		178	19	12598	-	-	380	13175
1981-82	657	138	64	13352	-	115	650	14976
1982-83	736	119	-	11407	-	43	509	12814
1983-84	1020	142	61	11528	-	39	51	12841
1984-85	904	290	79	12642	-	33	351	14299
1985-86	945	308	-	14188	-	-	674	16115
1986-87	784	229	226	13472	-	-	208	14919
1987-88	1132	54	178	11697	-	-	271	13332
1988-89	1321	127	221	13373	-	70	277	15389
1989-90	1043	245	146	12413	15	12	294	14168
1990-91	1369	166	148	12986	34	-	208	14911
1991-92	1865	127	251	12517	31	-	308	15099
1992-93	1784	244	204	13601	107	4	370	16314
1993-94	2098	141	135	15748	109	11	475	18717
1994-95	1938	70	191	15693	413	-	576	18881
1995-96	1911	56	174	14923	565	-	466	18095
1996-97	1218	39	214	14635	386	-	820	17312
1997-98	1134	43	225	18701	487	-	592	21182
1998-99	1047	86	155	15101	674	-	957	18020
1999-00	1143	112	154	14831	1219	-	767	18226
2000-01	1089	124	138	15663	1927	-	687	19628
2001-02	1153	159	274	17966	2725	-	651	22928
NEW MANGALORE								
1980-81	310	207	-	3	-	4	439	963
1981-82	364	180	-	547	-	152	399	1642
1982-83	351	153	-	1122	-	22	624	2272
1983-84	348	211	-	1231	-	141	906	2837
1984-85	437	247	-	1727	-	83	888	3382
1985-86	412	219	-	2260	-	-	795	3686
1986-87	533	165	-	3873	-	-	860	5431
1987-88	461	93	-	4357	-	-	1197	6108
1988-89	571	46	-	5011	-	62	1394	7084
1989-90	577	115	77	5877	-	-	1015	7661
1990-91	612	83	99	6125	-	-	1103	8022
1991-92	622	141	175	6493	-	-	843	8274
1992-93	630	241	115	5082	-	258	762	7088
1993-94	646	106	130	7060	-	19	669	8630
1994-95	742	87	162	6080	-	-	934	8005
1995-96	957	205	115	6639	41	-	927	8884
1996-97	5069	222	163	5945	19	106	929	12453
1997-98	6963	242	203	6536	99	325	914	15282
1998-99	7188	175	215	5334	61	368	865	14206
1999-00	9161	172	217	6387	117	315	1232	17601
2000-01	10918	198	252	5111	220	-	1192	17891
2001-02	9897	248	198	5783	233	-	1142	17501

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

Year	POL (Crude & Products)	Ferti-liser	Fertili-ser Raw Material	Iron Ore	Coal	Food-grains	Others	Total
1	2	3	4	5	6	7	8	9
COCHIN								
1980-81	3964	662	-	...	-	15	592	5233
1981-82	4177	531	-	...	-	105	688	5501
1982-83	4299	544	-	...	-	91	776	5710
1983-84	3675	503	-	...	-	106	720	5004
1984-85	2611	784	-	...	-	49	631	4075
1985-86	3863	769	-	...	-	5	640	5277
1986-87	5432	139	734	...	-	15	563	6883
1987-88	5366	110	757	...	-	23	546	6802
1988-89	6268	139	549	...	-	175	693	7824
1989-90	5589	209	680	...	-	45	601	7124
1990-91	5804	181	684	...	-	40	566	7275
1991-92	5881	148	821	...	-	19	612	7481
1992-93	6222	136	800	...	-	90	730	7978
1993-94	6101	39	704	...	-	-	776	7620
1994-95	6635	95	816	...	-	-	1085	8631
1995-96	9416	194	803	...	-	9	1081	11503
1996-97	9218	194	786	...	119	32	1393	11742
1997-98	9613	160	688	...	141	164	1557	12323
1998-99	9665	72	683	...	157	289	1815	12681
1999-00	9885	53	616	...	156	98	2033	12841
2000-01	9681	28	594	...	176	12	2653	13144
2001-02	8588	107	539	...	92	11	2722	12059
TUTICORIN								
1980-81	444	438	147	...	737	80	714	2560
1981-82	471	235	191	...	1045	198	527	2667
1982-83	520	137	243	...	1594	-	734	3228
1983-84	425	154	365	...	1659	50	895	3548
1984-85	509	509	511	...	1759	114	365	3767
1985-86	336	451	473	...	2409	-	552	4221
1986-87	327	132	478	...	2802	-	391	4130
1987-88	364	106	320	...	2904	70	497	4261
1988-89	468	145	532	...	2981	408	591	5125
1989-90	476	434	231	...	2926	159	1098	5324
1990-91	470	288	327	...	2635	110	1245	5075
1991-92	496	302	442	...	3116	75	1437	5868
1992-93	510	378	431	...	3162	189	1545	6215
1993-94	463	205	209	...	3937	29	1857	6700
1994-95	417	221	463	...	4495	-	2445	8041
1995-96	434	412	376	...	5620	16	2428	9286
1996-97	466	259	364	...	5493	131	2461	9174
1997-98	459	512	711	...	5578	146	2568	9974
1998-99	441	413	849	...	5204	194	3049	10150
1999-00	532	423	791	...	4163	196	3888	9993
2000-01	460	332	884	...	6293	149	4166	12284
2001-02	430	284	776	8	5997	405	5117	13017

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

Year	POL (Crude & Products)	Ferti-liser	Fertili-ser Raw Material	Iron Ore	Coal	Food-grains	Others	Total
1	2	3	4	5	6	7	8	9
CHENNAI								
1980-81	4525	612	422	2748	62	220	1786	10375
1981-82	4789	581	176	3371	76	341	2075	11409
1982-83	5479	669	...	3169	16	535	2206	12074
1983-84	6584	239	421	3216	168	667	1541	12836
1984-85	7114	590	563	4283	106	312	1164	14132
1985-86	9191	700	277	4768	204	136	2872	18148
1986-87	6724	620	259	5304	781	98	5989	19775
1987-88	7337	373	317	5400	1866	45	7481	22819
1988-89	8769	410	326	5746	2616	471	5225	23863
1989-90	8455	422	311	6046	3643	137	4926	23940
1990-91	8162	501	343	5549	4353	65	5545	24518
1991-92	8649	544	288	5406	5051	77	5031	25046
1992-93	8632	582	271	4838	5588	242	5178	25331
1993-94	9143	858	288	4540	5857	89	5766	26541
1994-95	11942	834	403	5149	6448	10	4678	29464
1995-96	11419	963	374	4951	7530	32	5452	30721
1996-97	11762	520	343	4665	8796	107	5655	31848
1997-98	11585	946	428	6232	10463	162	5715	35531
1998-99	10565	712	441	5445	11944	151	5944	35202
1999-00	10173	731	479	6259	12522	327	6952	37443
2000-01	8896	459	714	7049	14996	164	8942	41220
2001-02	8473	459	533	7482	9656	3	9509	36115
ENNORE								
2001-02	-	-	-	-	3401	-	-	3401
VISAKHAPATNAM								
1980-81	2386	397	424	5657	353	127	779	10123
1981-82	2113	98	497	6194	433	466	1194	10995
1982-83	2108	512	...	5526	805	349	916	10216
1983-84	3126	81	445	4967	365	438	460	9882
1984-85	3470	386	518	5776	701	107	124	11082
1985-86	6274	299	671	5727	1737	82	1121	15911
1986-87	5307	164	540	5881	976	263	1904	15035
1987-88	5566	108	642	5585	2516	34	920	15371
1988-89	6999	145	701	6930	3810	265	1522	20372
1989-90	6828	410	1115	6791	4221	113	1639	21117
1990-91	5598	459	1290	5496	4889	-	1689	19421
1991-92	6384	504	1325	6161	5648	27	1473	21522
1992-93	7592	484	1336	4960	6021	171	2201	22765
1993-94	7498	682	1092	5230	6624	46	4423	25595
1994-95	11237	790	1337	5551	7771	3	3340	30029
1995-96	12575	1104	1235	5710	8203	353	3637	32817
1996-97	13422	489	1134	5948	9057	405	4043	34498
1997-98	12116	1039	1214	6050	9934	300	5361	36014
1998-99	12503	1634	1251	7339	9180	361	3386	35654
1999-00	15288	2172	1163	7825	9534	261	3267	39510
2000-01	18336	829	907	9269	12185	173	2986	44685
2001-02	18583	986	1033	9199	10677	703	3163	44344

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

Year	POL (Crude & Products)	Ferti-liser	Fertili-ser Raw Material	Iron Ore	Coal	Food-grains	Others	Total
1	2	3	4	5	6	7	8	9
PARADIP								
1980-81	-	88	-	1817	73	-	263	2241
1981-82	-	84	-	1637	173	-	336	2230
1982-83	-	26	-	984	331	47	184	1572
1983-84	-	47	-	990	25	148	158	1368
1984-85	-	37	-	1607	148	12	333	2137
1985=86	-	135	50	1868	869	-	409	3331
1986-87	-	61	494	2079	1511	-	708	4853
1987-88	-	9	470	1709	2305	-	694	5187
1988-89	-	-	648	1678	2394	50	1262	6032
1989-90	-	157	301	2059	2709	6	952	6184
1990-91	-	100	508	1748	3614	11	903	6884
1991-92	23	87	773	1524	3954	1	935	7297
1992-93	195	142	647	1346	4542	3	731	7606
1993-94	345	192	534	1518	4845	Neg.	893	8327
1994-95	380	125	691	1881	5830	-	1214	10121
1995-96	1066	134	956	1691	5909	20	1483	11259
1996-97	1693	102	699	1381	6513	26	1166	11580
1997-98	1737	116	1066	1435	7852	-	1096	13302
1998-99	2007	26	1127	797	8198	12	941	13108
1999-00	2219	55	1374	1025	7755	-	1208	13636
2000-01	2219	-	3370	2992	10097	-	1222	19900
2001-02	1993	-	3421	3546	10722	-	1449	21131
KOLKATA/HALDIA								
1980-81	5154	559	116	13	885	68	2477	9272
1981-82	4505	349	191	13	1421	172	2823	9474
1982-83	4595	346	-	10	2129	423	2741	10244
1983-84	4754	207	194	20	1947	938	1954	10014
1984-85	5092	560	238	6	1708	204	2460	10268
1985-86	6059	471	300	-	2319	-	2979	12128
1986-87	5722	371	232	-	2481	75	3191	12072
1987-88	5912	183	298	-	3132	116	3430	13071
1988-89	6469	239	291	-	3605	447	3172	14223
1989-90	6436	384	388	-	4178	193	3110	14689
1990-91	7257	231	457	-	4134	92	2782	14953
1991-92	7690	275	479	-	4603	60	2893	16000
1992-93	8940	313	527	-	5068	117	3372	18337
1993-94	8696	224	288	-	5434	103	3751	18496
1994-95	9731	150	413	-	5841	25	4375	20535
1995-96	10742	162	579	-	5922	107	4003	21515
1996-97	10981	73	559	-	7147	17	4347	23124
1997-98	14337	66	636	-	7741	42	5335	28157
1998-99	15748	119	588	-	7451	133	5348	29387
1999-00	16463	136	754	-	6898	60	6715	31026
2000-01	14237	203	1043	374	8006	21	6116	30000
2001-02	13995	265	957	1780	7369	55	5982	30403

Table 3.2.4 Trend in Type-wise Cargo Traffic Handled At Major Ports ('000 tonnes)

PORT/YEAR	Overseas			Coastal			Overseas & Coastal		
	Un-Loaded	Loaded	Total	Un-Loaded	Loaded	Total	Un-Loaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
KANDLA									
1990-91	11367	2267	13634	5904	147	6051	17271	2414	19685
1991-92	12047	2636	14683	6101	218	6319	18148	2854	21002
1992-93	16235	2252	18487	4268	155	4423	20503	2407	22910
1993-94	17736	3446	21182	3217	101	3318	20953	3547	24500
1994-95	18771	3051	21822	3880	800	4680	22651	3851	26502
1995-96	21626	4356	25982	4247	110	4357	25873	4466	30339
1996-97	24360	4331	28691	4907	132	5039	29267	4463	33730
1997-98	29755	3702	33457	5266	178	5444	35021	3880	38901
1998-99	31626	4023	35649	4831	157	4988	36457	4180	40637
1999-00	34700	3402	38102	7935	266	8201	42635	3668	46303
2000-01	26704	4400	31104	5250	387	5637	31954	4787	36741
2001-02	26434	6855	33289	3590	849	4439	30024	7704	37728
MUMBAI									
1990-91	13125	3238	16363	594	11942	12536	13719	15180	28899
1991-92	11082	3239	14321	424	11516	11940	11506	14755	26261
1992-93	15116	3263	18379	116	10451	10567	15232	13714	28946
1993-94	17233	4812	22045	205	8256	8461	17438	13068	30506
1994-95	16030	4575	20605	132	9936	10068	16162	14511	30673
1995-96	16990	5722	22712	330	10874	11204	17320	16596	33916
1996-97	18054	6596	24650	316	8761	9077	18370	15357	33727
1997-98	17684	5824	23508	1623	6966	8589	19307	12790	32097
1998-99	17548	5070	22618	1618	6734	8352	19166	11804	30970
1999-00	17512	3922	21434	2879	6099	8978	20391	10021	30412
2000-01	14799	3593	18392	2160	6511	8671	16959	10104	27063
2001-02	14558	3373	17931	2752	5750	8502	17310	9123	26433
J.L.NEHRU									
1990-91	1654	368	2022	-	-	-	1654	368	2022
1991-92	2061	733	2794	-	-	-	2061	733	2794
1992-93	2105	902	3007	-	-	-	2105	902	3007
1993-94	2088	1299	3387	-	-	-	2088	1299	3387
1994-95	3215	1718	4933	75	-	75	3290	1718	5008
1995-96	4314	2559	6873	-	-	-	4314	2559	6873
1996-97	4185	3261	7446	623	-	623	4808	3261	8069
1997-98	5052	3418	8470	321	104	425	5373	3522	8895
1998-99	6553	4257	10810	865	48	913	7418	4305	11723
1999-00	8193	5831	14024	880	72	952	9073	5903	14976
2000-01	9120	7644	16764	1491	320	1811	10611	7964	18575
2001-02	11174	9168	20342	1746	433	2179	12920	9601	22521

Table 3.2.4 (Contd...) **Trend in Type-wise Cargo Traffic Handled At Major Port** ('000 tonnes)

PORT/YEAR	Overseas			Coastal			Overseas & Coastal		
	Un-Loaded	Loaded	Total	Un-Loaded	Loaded	Total	Un-Loaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
MORMUGAO									
1990-91	1058	13154	14212	663	36	699	1721	13190	14911
1991-92	1660	12515	14175	736	188	924	2396	12703	15099
1992-93	1720	13531	15251	674	389	1063	2394	13920	16314
1993-94	1910	15657	17567	625	525	1150	2535	16182	18717
1994-95	2024	15421	17445	708	728	1436	2732	16149	18881
1995-96	2336	15146	17482	483	130	613	2819	15276	18095
1996-97	1156	15260	16416	795	101	896	1951	15361	17312
1997-98	1122	19114	20236	856	90	946	1978	19204	21182
1998-99	1779	15335	17114	781	125	906	2560	15460	18020
1999-00	2278	14784	17062	1019	145	1164	3297	14929	18226
2000-01	2558	15813	18371	1132	125	1257	3690	15938	19628
2001-02	3564	18153	21717	1055	156	1211	4619	18309	22928
NEW MANGALORE									
1990-91	799	6485	7284	564	174	738	1363	6659	8022
1991-92	660	6470	7130	638	506	1144	1298	6976	8274
1992-93	935	5530	6465	595	28	623	1530	5558	7088
1993-94	637	7155	7792	608	230	838	1245	7385	8630
1994-95	958	5979	6937	682	386	1068	1640	6365	8005
1995-96	1077	6528	7605	806	473	1279	1883	7001	8884
1996-97	4202	5895	10097	277	2079	2356	4479	7974	12453
1997-98	5823	6441	12264	275	2743	3018	6098	9184	15282
1998-99	6581	5120	11701	348	2157	2505	6929	7277	14206
1999-00	7977	5911	13888	476	3237	3713	8453	9148	17601
2000-01	8227	5349	13576	963	3352	4315	9190	8701	17891
2001-02	7324	5720	13044	1433	3024	4457	8757	8744	17501
COCHIN									
1990-91	2138	380	2518	4113	644	4757	6251	1024	7275
1991-92	2566	454	3020	3867	594	4461	6433	1048	7481
1992-93	2601	593	3194	4263	521	4784	6864	1114	7978
1993-94	2322	725	3047	4029	544	4573	6351	1269	7620
1994-95	2947	914	3861	4246	524	4770	7193	1438	8631
1995-96	3522	1184	4706	5603	1194	6797	9125	2378	11503
1996-97	4497	1190	5687	4990	1065	6055	9487	2255	11742
1997-98	5447	1038	6485	4334	1504	5838	9781	2542	12323
1998-99	6168	952	7120	4083	1478	5561	10251	2430	12681
1999-00	3490	893	4383	7146	1312	8458	10636	2205	12841
2000-01	6278	1072	7350	4783	1011	5794	11061	2083	13144
2001-02	5815	1214	7029	4279	751	5030	10094	1965	12059

Table 3.2.4 (Contd...) **Trend in Type-wise Cargo Traffic Handled At Major Port** ('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									
1990-91	1448	521	1969	3093	13	3106	4541	534	5075
1991-92	1474	751	2225	3625	18	3643	5099	769	5868
1992-93	1742	802	2544	3666	5	3671	5408	807	6215
1993-94	1258	1093	2351	4348	1	4349	5606	1094	6700
1994-95	2047	1155	3202	4829	10	4839	6876	1165	8041
1995-96	2788	1312	4100	5167	19	5186	7955	1331	9286
1996-97	1734	1545	3279	5877	18	5895	7611	1563	9174
1997-98	2791	1542	4333	5623	18	5641	8414	1560	9974
1998-99	3341	1629	4970	5144	36	5180	8485	1665	10150
1999-00	3732	2029	5761	4202	30	4232	7934	2059	9993
2000-01	3654	2396	6050	6185	49	6234	9839	2445	12284
2001-02	4094	3147	7241	5717	59	5776	9811	3206	13017
CHENNAI									
1990-91	7313	8205	15518	7687	1313	9000	15000	9518	24518
1991-92	6757	8682	15439	8307	1300	9607	15064	9982	25046
1992-93	8197	7644	15841	8089	1401	9490	16286	9045	25331
1993-94	8487	8510	16997	8392	1152	9544	16879	9662	26541
1994-95	9451	8433	17884	9796	1784	11580	19247	10217	29464
1995-96	11693	9259	20952	8740	1029	9769	20433	10288	30721
1996-97	11603	8728	20331	10330	1187	11517	21933	9915	31848
1997-98	12730	10455	23185	11299	1047	12346	24029	11502	35531
1998-99	12431	9217	21648	12660	894	13554	25091	10111	35202
1999-00	12950	9826	22776	13488	1179	14667	26438	11005	37443
2000-01	13187	11567	24754	15733	733	16466	28920	12300	41220
2001-02	12682	11952	24634	10458	1023	11481	23140	12975	36115
ENNORE									
2001-02	-	-	-	3401	-	3401	3401	-	3401
VISAKHAPATNAM									
1990-91	7925	5895	13820	2397	3204	5601	10322	9099	19421
1991-92	8597	6237	14834	1834	4854	6688	10431	11091	21522
1992-93	11990	5607	17597	784	4384	5168	12774	9991	22765
1993-94	11508	7047	18555	1422	5618	7040	12930	12665	25595
1994-95	13220	6936	20156	2617	7256	9873	15837	14192	30029
1995-96	14094	7155	21249	3517	8051	11568	17611	15206	32817
1996-97	15807	7243	23050	5407	6041	11448	21214	13284	34498
1997-98	15885	6797	22682	5941	7391	13332	21826	14188	36014
1998-99	16033	6379	22412	6070	7172	13242	22103	13551	35654
1999-00	16379	6299	22678	8772	8060	16832	25151	14359	39510
2000-01	16407	8170	24577	10092	10016	20108	26499	18186	44685
2001-02	18033	9037	27070	9403	7871	17274	27436	16908	44344

Table 3.2.4 (Contd...) **Trend in Type-wise Cargo Traffic Handled At Major Port** ('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
PARADIP									
1990-91	2839	2101	4940	-	1944	1944	2839	4045	6884
1991-92	2880	2048	4928	-	2369	2369	2880	4417	7297
1992-93	2428	1792	4220	-	3386	3386	2428	5178	7606
1993-94	2577	2064	4641	4	3682	3686	2581	5746	8327
1994-95	3338	2440	5778	153	4190	4343	3491	6630	10121
1995-96	4135	2200	6335	65	4859	4924	4200	7059	11259
1996-97	3733	1818	5551	126	5903	6029	3859	7721	11580
1997-98	4379	1676	6055	109	7138	7247	4488	8814	13302
1998-99	3939	1343	5282	568	7258	7826	4507	8601	13108
1999-00	4237	1933	6170	539	6927	7466	4776	8860	13636
2000-01	6015	3793	9808	833	9259	10092	6848	13052	19900
2001-02	5742	4415	10157	920	10054	10974	6662	14469	21131
KOLKATA/HALDIA									
1990-91	9366	1006	10372	1050	3531	4581	10416	4537	14953
1991-92	10125	1123	11248	1128	3624	4752	11253	4747	16000
1992-93	11017	1366	12383	1898	4056	5954	12915	5422	18337
1993-94	10261	1676	11937	1956	4603	6559	12217	6279	18496
1994-95	11600	1555	13155	2482	4898	7380	14082	6453	20535
1995-96	12283	1822	14105	2832	4578	7410	15115	6400	21515
1996-97	13505	1906	15411	2723	4990	7713	16228	6896	23124
1997-98	16757	2247	19004	2902	6251	9153	19659	8498	28157
1998-99	18987	1707	20694	2576	6117	8693	21563	7824	29387
1999-00	22350	1803	24153	2586	4287	6873	24936	6090	31026
2000-01	20254	2405	22659	2925	4416	7341	23179	6821	30000
2001-02	20697	3740	24437	2275	3691	5966	22972	7431	30403
ALL PORTS									
1990-91	59023	43629	102652	26065	22948	49013	85088	66577	151665
1991-92	59909	44888	104797	26660	25187	51847	86569	70075	156644
1992-93	74086	43282	117368	24353	24776	49129	98439	68058	166497
1993-94	76017	53484	129501	24806	24712	49518	100823	78196	179019
1994-95	83601	52177	135778	29600	30512	60112	113201	82689	195890
1995-96	94858	57243	152101	31790	31317	63107	126648	88560	215208
1996-97	102836	57773	160609	36371	30277	66648	139207	88050	227257
1997-98	117425	62254	179679	38549	33430	71979	155974	95684	251658
1998-99	124986	55032	180018	39544	32176	71720	164530	87208	251738
1999-00	133798	56633	190431	49922	31614	81536	183720	88247	271967
2000-01	127203	66202	193405	51547	36179	87726	178750	102381	281131
2001-02	130117	76774	206891	47029	33661	80690	177146	110435	287581

Table 3.2.5 Container Traffic Handled At Major Ports

(In Million Tonnes)

Item	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02
1	2	3	4	5	6	7	8	9	10	11	12
1. LOADED											
i) Indian Lines	0.36	0.40	0.63	0.80	0.94	0.54	0.97	0.92	1.04	1.71	1.99
ii) Foreign Lines	3.28	3.64	5.80	7.43	8.69	10.95	11.82	11.33	13.06	14.96	17.32
iii) Total	3.64	4.04	6.43	8.23	9.63	11.49	12.79	12.25	14.10	16.67	19.31
2. UNLOADED											
i) Indian Lines	0.35	0.52	0.76	0.88	1.01	0.61	0.82	0.85	0.80	1.58	1.81
ii) Foreign Lines	2.73	4.05	5.89	6.90	7.86	8.50	9.70	11.02	12.97	14.09	16.13
iii) Total	3.08	4.57	6.65	7.78	8.87	9.11	10.52	11.87	13.77	15.67	17.94
3. Total											
i) Indian Lines	0.71	0.92	1.39	1.68	1.95	1.15	1.79	1.77	1.84	3.29	3.80
ii) Foreign Lines	6.01	7.69	11.69	14.33	16.55	19.45	21.52	22.35	26.03	29.05	33.45
iii) Total	6.72	8.61	13.08	16.01	18.50	20.60	23.31	24.12	27.87	32.34	37.25
4. General Cargo (Break Bulk & Container)	15.58	18.68	24.34	28.87	31.90	34.44	38.37	39.66	43.04	46.37	51.57
% Of Container Cargo to general cargo	43.1	46.1	53.7	55.5	58.0	63.7	58.6	60.8	64.7	69.8	72.2

Note : From 1992-93 to 1995-96 separate figures by Indian Lines and Foreign Lines for Unloaded and Loaded data are not available and the figures are estimated on previous year ratios.For 1996-97to2001-02 the figures for Indian/Foreign Lines are estimated on the basis of IPA figures.

Table 3.2.6 Trend in Container Traffic Handled At Major Ports

(In '000 Tonnes)

Item	Kandla	Mumbai	J. L. Nehru	Mormu -gao	N.Manga-lore	Cochin	Tuti-corin	Chennai	Visakha-patnam	Paradip	Kolkata Dock System	Haldia Dock Complex	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
LOADED													
1990-91	344	1423	377	-	7	236	109	578	36	-	362	208	3680
1991-92	238	999	711	-	14	264	164	605	59	3	495	82	3634
1992-93	254	775	891	5	14	335	212	833	73	-	592	60	4044
1993-94	462	2161	1143	11	15	374	285	1097	65	-	760	55	6428
1994-95	467	3061	1560	13	5	534	427	1097	77	-	928	59	8228
1995-96	595	3330	2208	16	-	641	478	1271	69	-	982	45	9635
1996-97	758	3716	2895	25	-	719	630	1459	111	-	1072	99	11484
1997-98	805	3922	3389	22	-	754	742	1651	95	-	1116	293	12789
1998-99	521	3146	4234	23	-	799	785	1471	84	1	812	376	12252
1999-00	703	2602	5674	24	Neg.	865	925	1958	132	-	845	366	14094
2000-01	806	1766	7547	31	18	1042	940	2880	168	-	817	658	16673
2001-02	1164	1188	9954	44	34	1217	1280	2757	178	4	512	975	19307
UNLOADED													
1990-91	158	2465	279	-	2	39	57	559	46	-	302	108	4015
1991-92	95	1553	603	-	2	30	38	398	20	-	309	33	3081
1992-93	105	2357	821	2	1	96	65	654	12	-	417	35	4565
1993-94	268	3816	933	4	-	50	120	774	16	-	639	33	6653
1994-95	331	3853	1369	4	5	165	226	922	49	-	833	24	7781
1995-96	366	4296	1862	8	-	155	280	1038	25	-	832	6	8868
1996-97	421	3916	2183	17	-	248	271	1105	56	-	879	18	9114
1997-98	494	4175	2661	16	-	302	374	1351	51	-	1006	88	10518
1998-99	395	3923	3795	23	-	531	428	1471	88	-	1159	51	11864
1999-00	431	3528	5006	41	-	571	708	2018	130	-	1272	68	13773
2000-01	481	2598	6731	26	6	630	629	3109	110	8	1194	148	15670
2001-02	588	2496	8530	26	11	682	919	3100	143	3	899	548	17945
TOTAL													
1990-91	502	3888	656	-	9	275	166	1137	82	-	664	316	7695
1991-92	333	2552	1314	-	16	294	202	1003	79	3	804	115	6715
1992-93	359	3132	1712	7	15	431	277	1487	85	-	1009	95	8609
1993-94	730	5977	2076	15	15	424	405	1871	81	-	1399	88	13081
1994-95	798	6914	2929	17	10	699	653	2019	126	-	1761	83	16009
1995-96	961	7626	4070	24	-	796	758	2309	94	-	1814	51	18503
1996-97	1179	7632	5078	42	-	967	901	2564	167	-	1951	117	20598
1997-98	1299	8097	6050	38	-	1056	1116	3002	146	-	2122	381	23307
1998-99	916	7069	8029	46	-	1330	1213	2942	172	1	1971	427	24116
1999-00	1134	6130	10680	65	Neg.	1436	1633	3976	262	-	2117	434	27867
2000-01	1287	4364	14278	57	24	1672	1569	5989	278	8	2011	806	32343
2001-02	1752	3684	18484	70	45	1899	2199	5857	321	7	1411	1523	37252

Table 3.2.7 Passenger Traffic At Major Ports

(In '000)

Port/Year	Overseas			Coastal			Total		
	Embarked	Dis-embarked	Total	Embarked	Dis-embarked	Total	Embarked	Dis-embarked	Total
1	2	3	4	5	6	7	8	9	10
MUMBAI									
1988-89	6.3	7.0	13.3	11.6	9.8	21.4	17.9	16.8	34.7
1989-90	8.7	9.1	17.8	-	-	-	8.7	9.1	17.8
1990-91	5.8	9.1	14.9	-	-	-	5.8	9.1	14.9
1991-92	6.9	7.3	14.2	-	-	-	6.9	7.3	14.2
1992-93	10.3	9.0	19.3	-	-	-	10.3	9.0	19.3
1993-94	7.2	8.6	15.8	-	-	-	7.2	8.6	15.8
1994-95	7.0	12.9	19.9	31.3	26.3	57.6	38.3	39.2	77.5
1995-96	9.0	12.9	21.9	31.4	34.4	65.8	40.4	47.3	87.7
1996-97	3.2	8.4	11.6	25.2	34.0	59.2	28.4	42.4	70.8
1997-98	4.8	12.5	17.3	22.9	28.4	51.3	27.7	40.9	68.6
1998-99	4.6	2.6	7.2	5.3	7.8	13.1	9.9	10.4	20.3
1999-00	3.4	1.5	4.9	1.3	3.5	4.8	4.7	5.0	9.7
2000-01	4.8	7.7	12.5	3.3	5.0	8.3	8.1	12.7	20.8
2001-02	3.2	4.8	8.0	0.3	-	0.3	3.5	4.8	8.3
COCHIN									
1988-89	-	-	-	21.4	20.5	41.9	21.4	20.5	41.9
1989-90	0.7	0.7	1.4	20.3	20.3	40.6	21.0	21.0	42.0
1990-91	1.4	1.3	2.7	21.1	19.3	40.4	22.5	20.6	43.1
1991-92	1.7	1.7	3.4	26.9	25.1	52.0	28.6	26.8	55.4
1992-93	4.3	4.4	8.7	27.4	28.1	55.5	31.7	32.5	64.2
1993-94	1.2	1.3	2.5	28.3	31.3	59.6	29.5	32.6	62.1
1994-95	1.7	1.8	3.5	26.5	30.7	57.2	28.2	32.5	60.7
1995-96	8.6	8.6	17.2	24.9	34.2	59.1	33.5	42.8	76.3
1996-97	4.6	4.7	9.3	23.5	32.8	56.3	28.1	37.5	65.6
1997-98	7.1	7.0	14.1	28.3	30.7	59.0	35.4	37.7	73.1
1998-99	4.9	4.8	9.7	33.2	34.3	67.5	38.1	39.1	77.2
1999-00	9.1	9.3	18.4	28.5	29.1	57.6	37.6	38.4	76.0
2000-01	11.7	10.5	22.2	30.7	31.3	62.0	42.4	41.8	84.2
2001-02	8.9	6.2	15.1	36.8	16.1	52.9	45.7	22.3	68.0
CHENNAI									
1965-66	27.3	72.0	99.3	4.6	4.0	8.6	31.9	76.0	107.9
1980-81	16.2	14.4	30.6	19.8	19.0	38.8	36.0	33.4	69.4
1988-89	0.6	0.5	1.1	37.2	34.2	71.4	37.8	34.7	72.5
1989-90	neg.	0.9	0.9	30.0	25.8	55.8	30.0	26.7	56.7
1990-91	neg.	0.1	0.1	31.3	27.6	58.9	31.3	27.7	59.0
1991-92	7.0	1.4	8.4	27.2	25.9	53.1	34.2	27.3	61.5
1992-93	6.4	0.9	7.3	34.3	32.6	66.9	40.7	33.5	74.2
1993-94	6.9	-	6.9	41.2	37.3	78.5	48.1	37.3	85.4
1994-95	10.1	-	10.1	38.2	32.4	70.6	48.3	32.4	80.7
1995-96	3.3	...	3.3	42.6	39.9	82.5	45.9	39.9	85.8
1996-97	3.9	...	3.9	40.1	38.1	78.2	44.0	38.1	82.1
1997-98	(a)	(a)	(a)	37.3	38.9	76.2	37.3	38.9	76.2
1998-99	(a)	(a)	(a)	47.6	44.6	92.2	47.6	44.6	92.2
1999-00	0.1	-	0.1	45.6	40.7	86.3	45.7	40.7	86.4
2000-01	0.2	0.1	0.3	51.6	43.8	95.4	51.8	43.9	95.7
2001-02	0.5	0.4	0.9	53.2	45.9	99.1	53.7	46.3	100.0

Table 3.2.7(Contd...) **Passenger Traffic At Major Ports** (In '000)

Port/Year	Overseas			Coastal			Total		
	Embarked	Dis-embarked	Total	Embarked	Dis-embarked	Total	Embarked	Dis-embarked	Total
1	2	3	4	5	6	7	8	9	10
VISAKHAPATNAM									
1988-89	-	-	-	1.3	1.1	2.4	1.3	1.1	2.4
1989-90	-	-	-	2.2	4.2	6.4	2.2	4.2	6.4
1990-91	-	-	-	7.6	7.9	15.5	7.6	7.9	15.5
1991-92	-	-	-	2.7	3.3	6.0	2.7	3.3	6.0
1992-93	-	-	-	2.5	1.8	4.3	2.5	1.8	4.3
1993-94	-	-	-	4.6	7.4	12.0	4.6	7.4	12.0
1994-95	-	-	-	3.6	4.8	8.4	3.6	4.8	8.4
1995-96	-	-	-	3.7	4.0	7.7	3.7	4.0	7.7
1996-97	-	-	-	6.0	6.9	12.9	6.0	6.9	12.9
1997-98	-	-	-	6.1	5.6	11.7	6.1	5.6	11.7
1998-99	-	-	-	8.8	5.0	13.8	8.8	5.0	13.8
1999-00	-	-	-	5.7	7.5	13.2	5.7	7.5	13.2
2000-01	-	-	-	9.8	7.1	16.9	9.8	7.1	16.9
2001-02	-	-	-	8.6	8.6	17.2	8.6	8.6	17.2
KOLKATA/HALDIA									
1988-89	-	-	-	22.2	19.6	41.8	22.2	19.6	41.8
1989-90	-	-	-	20.3	16.6	36.9	20.3	16.6	36.9
1990-91	-	-	-	12.3	11.6	23.9	12.3	11.6	23.9
1991-92	-	-	-	13.8	11.5	25.3	13.8	11.5	25.3
1992-93	-	-	-	21.6	19.1	40.7	21.6	19.1	40.7
1993-94	-	-	-	22.8	17.5	40.3	22.8	17.5	40.3
1994-95	-	-	-	20.5	18.4	38.9	20.5	18.4	38.9
1995-96	-	-	-	21.7	16.7	38.4	21.7	16.7	38.4
1996-97	-	-	-	24.0	21.8	45.8	24.0	21.8	45.8
1997-98	-	-	-	19.9	15.1	35.0	19.9	15.1	35.0
1998-99	-	-	-	28.0	24.3	52.3	28.0	24.3	52.3
1999-00	-	-	-	26.4	22.6	49.0	26.4	22.6	49.0
2000-01	0.2	0.2	0.4	29.6	27.1	56.7	29.8	27.3	57.1
2001-02	-	-	-	30.0	28.4	58.4	30.0	28.4	58.4

(a) Included in Coastal.

Table 3.2.7(Contd...) **Passenger Traffic At Major Ports** (In '000)

Port/Year	Overseas			Coastal			Total		
	Embarked	Dis-embarked	Total	Embarked	Dis-embarked	Total	Embarked	Dis-embarked	Total
1	2	3	4	5	6	7	8	9	10
ALL MAJOR PORTS									
1988-89	6.9	7.5	14.4	93.7	85.2	178.9	100.6	92.7	193.3
1989-90	9.4	10.7	20.1	72.8	66.9	139.7	82.2	77.6	159.8
1990-91	7.2	10.5	17.7	72.3	66.4	138.7	79.5	76.9	156.4
1991-92	15.6	10.4	26.0	70.6	65.8	136.4	86.2	76.2	162.4
1992-93	21.0	14.3	35.3	85.8	81.6	167.4	106.8	95.9	202.7
1993-94	15.3	9.9	25.2	102.9	87.5	190.4	118.2	97.4	215.6
1994-95	18.8	14.7	33.5	120.1	112.6	232.7	138.9	127.3	266.2
1995-96	20.9	21.5	42.4	124.3	129.2	253.5	145.2	150.7	295.9
1996-97	11.7	13.1	24.8	118.8	133.6	252.4	130.5	146.7	277.2
1997-98	12.6	20.2	32.8	114.5	118.7	233.2	127.1	138.9	266.0
1998-99	9.5	7.4	16.9	122.9	116.0	238.9	132.4	123.4	255.8
1999-00	12.6	10.8	23.4	107.5	103.4	210.9	120.1	114.2	234.3
2000-01	16.9	18.5	35.4	125.0	114.3	239.3	141.9	132.8	274.7
2001-02	12.6	11.4	24.0	128.9	99.0	227.9	141.5	110.4	251.9

Note : There was no Passenger Traffic at Kandla, J. L. Nehru, Mormugao, New Mangalor Paradip, Ennore and Tuticorin Ports for the period 1988-89 to 2001-02.

Table 3.2.8 **Number, Type And Size Of Ships Handled at Major Ports** (GRT in '000)

Port	Year	Container		Break Bulk		Dry Bulk		Liquid Bulk		Lash		Ro-Ro		Total	
		No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Kandla	1995-96	106	886	251	2358	159	2008	789	20898	-	-	-	-	1305	26150
	1996-97	130	1364	305	2527	224	2783	868	23434	-	-	-	-	1527	30108
	1997-98	133	1495	330	2854	221	3096	1001	26062	-	-	-	-	1685	33507
	1998-99	113	1043	341	3401	209	3277	1045	27917	-	-	-	-	1708	35638
	1999-00	215	1672	321	3388	219	3574	1100	29912	-	-	-	-	1855	38546
	2000-01	194	1365	269	2935	253	3473	736	18963	-	-	-	-	1452	26736
	2001-02	263	1918	370	4075	311	4591	728	18249	-	-	-	-	1672	28833
Mumbai	1995-96	776	8590	627	5310	108	750	747	16160	18	550	-	-	2276	31360
	1996-97	863	8960	654	5520	100	740	751	16060	12	280	-	-	2380	31560
	1997-98	779	8360	681	6580	102	920	661	14570	10	270	-	-	2233	30700
	1998-99	696	7830	621	5810	100	1050	805	15870	11	310	-	-	2233	30870
	1999-00	598	6930	519	5360	133	1760	971	17310	15	450	(c)	(c)	2236	31810
	2000-01	472	5950	457	5030	134	1910	847	15730	11	310	(c)	(c)	1921	28930
	2001-02	388	4190	466	5200	143	2260	790	16070	9	260	(c)	(c)	1796	27980
J.L. Nehru	1995-96	357	5986	-	-	81	1894	14	190	-	-	94(a)	3178	546	11248
	1996-97	408	7312	-	-	74	1713	64	799	-	-	94(b)	3054	640	12878
	1997-98	421	7931	1	3	54	1340	86	1144	-	-	68	2077	630	12495
	1998-99	656	11321	15	100	72	1515	160	2100	-	-	71(c)	1696	974	16732
	1999-00	942	16691	74	2465	88	1533	232	2813	-	-	14(d)	22	1350	23524
	2000-01	1247	21461	-	-	88	1071	269	3484	-	-	102(d)	2489	1706	28505
	2001-02	1498	30347	-	-	68	879	260	3533	-	-	243(d)	2506	2069	37265
Mormugao	1995-96	21	129	7	53	313	10113	296	5014	-	-	-	-	637	15309
	1996-97	30	159	12	98	268	9395	197	3468	-	-	-	-	507	13120
	1997-98	29	194	18	160	366	11608	195	3326	-	-	-	-	608	15288
	1998-99	30	244	33	507	302	9772	155	2428	-	-	-	-	520	12951
	1999-00	52	521	34	491	261	8272	158	2525	-	-	-	-	505	11809
	2000-01	50	824	14	212	350	11279	174	2491	-	-	-	-	588	14806
	2001-02	54	773	11	124	349	13157	183	2682	-	-	-	-	597	16736

(a) Includes Car carriers, Navy and General & Other Ships.
(b Includes 11 Container Barges.
(c) Included in Container/Break-bulk.
(d) It contains container barges, others and naval vessels only

Table 3.2.8(Contd...) **Number, Type And Size Of Ships Handled at Major Ports** (GRT in '000)

Port	Year	Container		Break Bulk		Dry Bulk		Liquid Bulk		Lash		Ro-Ro		Total	
		No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
New Mangalore	1995-96	-	-	122	1115	175	4481	208	2617	-	-	-	-	505	8213
	1996-97	-	-	145	1486	163	4039	336	6797	-	-			644	12322
	1997-98	-	-	157	1648	184	4792	388	8608	-	-	-	-	729	15048
	1998-99	-	-	150	1590	152	4027	422	9446	-	-	-	-	724	15063
	1999-00	2	20	127	1466	205	4930	415	9168	-	-	-	-	749	15584
	2000-01	30	272	111	1219	161	3887	432	9891	-	-	-	-	734	15269
	2001-02	63	349	97	1228	180	4595	423	9209	-	-	-	-	763	15381
Cochin	1995-96	261	1747	105	782	43	962	388	9985	-	-	-	-	797	13476
	1996-97	278	2202	134	760	41	885	375	9928	-	-			828	13775
	1997-98	314	2259	120	504	55	830	383	11131	-	-	-	-	872	14724
	1998-99	377	2877	141	761	53	1161	398	10516	-	-	-	-	969	15315
	1999-00	359	3250	177	1092	41	599	398	9999	-	-	-	-	975	14940
	2000-01	348	3631	135	590	60	722	421	9971	1	34	-	-	965	14948
	2001-02	429	4297	130	567	59	785	359	9074	-	-	-	-	977	14723
Tuticorin	1995-96	181	797	333	1365	297	6252	128	1616	-	-	-	-	939	10030
	1996-97	182	951	294	1325	292	6214	137	1841	-	-			905	10331
	1997-98	238	1284	287	1468	313	6696	146	2217	-	-	-	-	984	11665
	1998-99	266	1557	369	1651	302	6523	136	1656	-	-	-	-	1073	11387
	1999-00	298	1744	393	1758	237	4902	143	1708	-	-	-	-	1071	10112
	2000-01	442	3957	353	1579	262	5749	148	1652	-	-	-	-	1205	12937
	2001-02	488	4368	494	2210	277	5822	141	1708	-	-	-	-	1400	13770
Chennai	1995-96	423	3791	204	1614	443	10735	482	12206	15	428	-	-	1567	28774
	1996-97	461	4286	230	1797	422	10360	516	13298	15	428	-	-	1644	30169
	1997-98	482	4391	224	1706	542	13452	467	12354	16	457	-	-	1731	32360
	1998-99	457	4404	225	1669	534	13435	481	10906	15	438	-	-	1712	30852
	1999-00	389	4010	297	2724	555	14028	502	10789	11	336	-	-	1754	31887
	2000-01	340	3600	335	3370	620	16310	442	8345	11	314	-	-	1748	31939
	2001-02	288	3589	312	2854	468	12779	472	8523	8	229	-	-	1548	29974
Ennore	2001-02	-	-	-	-	71	2263	-	-	-	-	-	-	71	2263

Table 3.2.8(Contd...) **Number, Type And Size Of Ships Handled at Major Ports** (GRT in '000)

Port	Year	Container		Break Bulk		Dry Bulk		Liquid Bulk		Lash		Ro-Ro		Total	
		No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Visakhapatnam	1995-96	40	271	280	2336	499	12417	490	12270	16	457	-	-	1325	27751
	1996-97	63	508	223	2256	530	13674	602	16399	19	543	-	-	1437	33380
	1997-98	68	535	212	2203	607	15286	618	15913	23	653	-	-	1528	34590
	1998-99	94	677	187	1676	599	15361	580	14616	17	505	-	-	1477	32835
	1999-00	123	816	228	2098	650	16438	642	16949	17	582	-	-	1660	36883
	2000-01	104	688	240	1875	666	17527	620	17997	14	400	-	-	1644	38487
	2001-02	119	858	208	1796	635	17742	608	17780	6	171	-	-	1576	38347
Paradip	1995-96	-	-	6	60	357	8184	160	2319	18	561	-	-	541	11124
	1996-97	-	-	11	75	358	8029	187	2647	21	630	-	-	577	11381
	1997-98	-	-	2	40	416	9243	225	3140	18	536	-	-	661	12959
	1998-99	1	6	4	44	387	9361	286	3611	11	334	-	-	689	13356
	1998-99	1	6	4	44	387	9361	286	3611	11	334	-	-	689	13356
	1999-00	-	-	12	213	410	9469	290	4204	12	427	-	-	724	14313
	2000-01	3	26	8	138	632	16260	243	3845	15	437	-	-	901	20706
	2001-02	5	43	8	72	636	16616	241	3716	9	305	1	Neg.	900	20752
Kolkata	1995-96	246	1339	222	1651	18	164	306	3128	14	400	-	-	806	6682
	1996-97	288	1634	222	1732	14	141	336	2765	17	486	-	-	877	6758
	1997-98	336	1984	251	1816	13	126	393	4772	17	486	-	-	1010	9184
	1998-99	310	1855	261	1806	17	168	438	5686	16	477	-	-	1042	9992
	1999-00	268	1706	269	2094	8	67	392	5969	16	554	11	122	964	9992
	2000-01	255	1802	191	1406	1	6	251	3694	14	399	12	143	724	7450
	2001-02	241	1892	183	1421	-	-	226	2790	10	286	3	39	663	6428
Haldia	1995-96	44	259	42	358	273	6986	480	12900	-	-	-	-	839	20503
	1996-97	98	643	45	444	340	8628	467	13087	-	-	-	-	950	22802
	1997-98	234	1465	74	685	370	9523	597	16155	-	-	-	-	1275	27828
	1998-99	268	1638	108	1005	347	9258	598	14919	-	-	-	-	1321	26820
	1999-00	203	1353	107	1080	301	7800	648	16869	-	-	-	-	1259	27102
	2000-01	226	1437	88	952	367	9429	728	16691	-	-	-	-	1409	28509
	2001-02	352	2890	97	963	358	9565	722	17112	-	-	9	109	1538	30639

Table 3.2.8(Contd...) **Number, Type And Size Of Ships Handled at Major Ports**

(GRT in '000)

Port	Year	Container		Break Bulk		Dry Bulk		Liquid Bulk		Lash		Ro-Ro		Total	
		No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
All Ports	1995-96	2455	23795	2199	17002	2766	64946	4488	99303	81	2396	94	3178	12083	210620
	1996-97	2801	28019	2275	18020	2826	66601	4836	110523	84	2367	94	3054	12916	228584
	1997-98	3034	29898	2357	19667	3243	76912	5160	119392	84	2402	68	2077	13946	250348
	1998-99	3268	33462	2455	20020	3074	74908	5504	119671	70	2064	71	1696	14442	251811
	1999-00	3449	38713	2558	24229	3108	73372	5891	128215	71	2349	25	144	15102	267022
	2000-01	3711	45013	2201	19306	3594	87623	5311	112754	66	1894	114	2632	14997	269222
	2001-02	4188	55514	2376	20510	3555	91054	5153	110108	42	1251	256	2654	15570	281091

Table 3.2.9 **Utilisation Of Cargo Handling Equipment by Major Ports**

Port/Year	Mechanised System		tilisation of General Cargo handling Equipmen v. no. of hrs. worked per month per equipment			
			Elect. Wharf Cranes		Mobile Cranes	Fork Lifts
	Commodity	Tonnes per Worked Day	3-10 Tonnes	Above 10 Tonnes		
1	2	3	4	5	6	7
KANDLA						
Norms (1983)	Fertiliser	2300	300	300	250	300
Performance						
1991-92	"	1415	217	-	21	196
1992-93	"	1785	159	-	5	156
1993-94	"	1937	256	-	5	253
1994-95	"	2021	273	-	3	176
1995-96	"	1916	294	-	4	219
1996-97	"	2408	296	-	2	196
1997-98	"	2063	305	-	-	232
1998-99	"	3057	294	-	-	211
1999-00	"	-	313	-	-	264
2000-01	"	-	245	343	-	257
2001-02	"	-	289	491	-	255
MUMBAI						
Norms (1983)	-	-	300	300	250	300
Performance						
1991-92	-	-	126	79	124	178
1992-93	-	-	156	110	163	220
1993-94	-	-	177	124	164	213
1994-95	-	-	194	114	169	159
1995-96	-	-	221	117	140	145
1996-97	-	-	205	124	137	147
1997-98	-	-	211	118	142	158
1998-99	-	-	249	131	136	156
1999-00	-	-	133	84	79	122
2000-01	-	-	121	117	57	133
2001-02	-	-	111	108	44	108
MORMUGAO						
Norms (1983)	Iron Ore	32500	300	300	250	300
Performance						
1991-92	"	53133	174	-	69	33
1992-93	"	47647	280	-	86	82
1993-94	"	47939	246	-	108	114
1994-95	"	37992	140	-	128	111
1995-96	"	45759	108	-	44	182
1996-97	"	39401	64	-	35	202
1997-98	"	43356	88	-	32	244
1998-99	"	40525	50	-	29	163
1999-00	"	50038	38	-	20	135
2000-01	"	...	-	-	13	116
2001-02	"	...	...	...	...	...

Table 3.2.9 **Utilisation Of Cargo Handling Equipment by Major Ports**

Port/Year	Mechanised System		tilisation of General Cargo handling Equipmen v. no. of hrs. worked per month per equipment			
			Elect. Wharf Cranes		Mobile Cranes	Fork Lifts
	Commodity	Tonnes per Worked Day	3-10 Tonnes	Above 10 Tonnes		
1	2	3	4	5	6	7
NEW MANGALORE						
Norms (1983)	"	29700	300	300	250	300
Performance						
1991-92	"	24909	31	-	20	23
1992-93	"	26035	23	-	24	22
1993-94	"	27195	19	-	21	30
1994-95	"	21479	48	-	14	48
1995-96	"	25371	13	-	14	36
1996-97	"	26378	7	-	7	32
1997-98	"	32360	10	-	9	42
1998-99	"	32875	8	-	10	31
1999-00	"	32444	21	-	12	45
2000-01	"	...	29	-	11	37
2001-02	"	...	35	-	9	28
COCHIN						
Norms (1983)	-	-	200	200	167	200
Performance						
1991-92	-	-	50	-	115	134
1992-93	-	-	53	-	123	132
1993-94	-	-	40	-	135	134
1994-95	-	-	59	-	83	127
1995-96	-	-	93	-	65	106
1996-97	-	-	82	-	63	139
1997-98	-	-	75	-	35	124
1998-99	-	-	79	-	26	77
1999-00	-	-	77	-	13	58
2000-01	-	-	76	-	12	62
2001-02	-	-	74	-	11	59
TUTICORIN						
Norms (1983)	-	-	300	300	250	300
Performance						
1991-92	-	-	159	-	105	79
1992-93	-	-	180	-	77	84
1993-94	-	-	176	-	86	84
1994-95	-	-	156	-	65	81
1995-96	-	-	133	-	25	80
1996-97	-	-	128	-	24	77
1997-98	-	-	114	-	33	57
1998-99	-	-	115	-	39	43
1999-00	-	-	92	-	40	-
2000-01	-	-	78	-	26	-
2001-02	-	-	112	-	22	-

Table 3.2.9

Utilisation Of Cargo Handling Equipment by Major Ports

Port/Year	Mechanised System		tilisation of General Cargo handling Equipmen			
			v. no. of hrs. worked per month per equipment			
			Elect. Wharf Cranes		Mobile	Fork
	Commodity	Tonnes per Worked Day	3-10 Tonnes	Above 10 Tonnes	Cranes	Lifts
1	2	3	4	5	6	7
CHENNAI						
Norms (1983)	Iron Ore	37000	300	300	250	300
Performance						
1991-92	"	44115	277	269	254	270
1992-93	"	40942	250	243	241	238
1993-94	"	25530	246	214	223	224
1994-95	"	45605	222	231	206	214
1995-96	"	44511	205	191	248	221
1996-97	"	43212	173	133	275	221
1997-98	"	42183	133	202	173	211
1998-99	"	39368	206	195	319	195
1999-00	"	37834	185	216	192	186
2000-01	"	...	145	195	194	171
2001-02	"	...	95	191	181	146
VISAKHAPATNAM						
Norms (1983)	Iron Ore	50000	300	300	250	300
Performance						
1991-92	"	28964	187	-	85	134
1992-93	"	26790	313	-	107	233
1993-94	"	39798	291	50	101	158
1994-95	"	40765	268	87	141	201
1995-96	"	31362	332	73	156	177
1996-97	"	33328	224	66	142	147
1997-98	"	25551	310	77	123	175
1998-99	"	30344	283	67	98	158
1999-00	"	44491	235	-	89	152
2000-01	"	...	173	-	198	175
2001-02	"	...	169	-	141	180
PARADIP						
Norms (1983)	Iron Ore	18700	300	300	250	300
Performance						
1991-92	"	16728	(b)	276	127	137
1992-93	"	21308	(b)	152	76	66
1993-94	"	21029	(b)	154	44	76
1994-95	"	23303	(b)	162	40	50
1995-96	"	20331	(b)	165	59	46
1996-97	"	20743	(b)	145	58	70
1997-98	"	17968	(b)	170	41	29
1998-99	"	20369	(b)	93	28	37
1999-00	"	20424	(b)	135	69	25
2000-01	"	...	(b)	142	66	27
2001-02	"	...	(b)	...	50	25

(a) Relates to vessels of capacity more than 35000 DWT.

Table 3.2.9 **Utilisation Of Cargo Handling Equipment by Major Ports**

Port/Year	Mechanised System		tilisation of General Cargo handling Equipmen v. no. of hrs. worked per month per equipment			
			Elect. Wharf Cranes		Mobile Cranes	Fork Lifts
	Commodity	Tonnes per Worked Day	3-10 Tonnes	Above 10 Tonnes		
1	2	3	4	5	6	7
KOLKATA						
Norms (1983)			300	300	250	300
Performance						
1991-92	-	-	161(c)	245	219	259
1992-93	-	-	168(c)	259	194	257
1993-94	-	-	125(c)	255	174	197
1994-95	-	-	123(c)	266	167	218
1995-96	-	-	104(c)	267	132	175
1996-97	-	-	83(c)	293	123	158
1997-98	-	-	80(c)	195	136	141
1998-99	-	-	99(c)	247	153	168
1999-00	-	-	47(c)	226	264	311
2000-01	-	-	39(c)	199	208	223
2001-02	-	-	30(c)	218	151	148

(b) There are no 3-10 tonnes crane

(c) 2-10 Tonnes

Table 3.2.10 Distribution of Revenue And Expenditure at Major Ports

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expen- diture	Port and Dock Charges including Pilotage		Cargo handling and ware-housing		On account of Railways		Land and building		Finance and Misc.		M & G.A. Expen- diture (a)
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
KANDLA													
1990-91	8248	3931	2342	1817	3851	779	-	4	246	268	1809	332	731
1991-92	9553	4490	2535	2126	4411	835	-	4	259	293	2348	452	780
1992-93	11948	4812	3091	2244	5329	911	-	4	271	322	3257	460	871
1993-94	13996	6041	4071	2746	5365	1075	-	7	739	402	3821	873	938
1994-95	15797	6219	4820	2683	6352	1191	-	68	575	418	4050	778	1081
1995-96	20099	7491	5424	3428	7548	1443	-	18	856	508	6271	846	1248
1996-97	25496	9217	6126	4253	8646	1606	-	132	1244	611	9480	1278	1337
1997-98	28813	9793	7497	4858	10178	1788	-	31	1389	653	9749	824	1639
1998-99	34492	13382	10564	4029	11339	1853	-	18	1324	872	11265	4757	1853
1999-00	36985	15493	9839	6823	11304	2301	-	4	1377	1054	14465	2851	2460
2000-01	32660	15595	8413	5098	8087	2317	-	4	1598	1054	14562	4055	3067
2001-02	33724	14484	8565	3704	7975	2432	-	5	1425	1078	15759	3991	3274
MUMBAI													
1990-91	26623	20490	3554	3736	18608	7739	230	1111	1087	1318	3144	3399	3187
1991-92	31718	26394	4280	4214	19349	8596	255	1184	1680	1705	6154	7010	3685
1992-93	43723	30526	8394	5497	26124	9216	327	1219	1607	1935	7271	8610	4049
1993-94	48482	30657	10115	5469	29610	10425	339	1361	1604	2067	6814	6663	4672
1994-95	55851	41513	10574	7434	34968	12723	448	1652	1524	2565	8337	11452	5687
1995-96	68243	42809	13620	5954	42318	14427	610	1669	1640	2766	10055	11450	6543
1996-97	68852	49660	13362	9973	43570	15598	491	1826	1835	3229	9594	12217	6817
1997-98	68520	51160	16311	9893	40237	16553	496	1801	3594	3608	7882	11637	7663
1998-99	68632	57868	16680	11063	39245	18056	771	1890	4035	3735	7901	14428	8691
1999-00	63379	55038	16276	10751	32683	17642	625	1748	3683	3523	10112	12760	8614
2000-01	56331	93066	15860	13620	27101	20969	312	1784	3146	3876	9912	42984	9833
2001-02	55604	71554	15065	10825	25002	17868	308	1375	3437	3808	11792	29458	8219

Table 3.2.10 (Contd...) Distribution of Revenue And Expenditure at Major Ports

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expen-diture	Port and Dock Charges including Pilotage		Cargo handling and ware-housing		On account of Railways		Land and building		Finance and Misc.		M & G.A. Expen-diture (a)
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
JAWAHARLAL NEHRU													
1990-91	5782	5226	682	302	4371	2780	-	14	257	167	472	625	838
1991-92	8494	6542	1019	333	5916	3206	-	14	376	244	1183	1099	1146
1992-93	10350	8743	1508	701	6661	4115	-	94	398	334	1783	2514	985
1993-94	12428	11298	2201	1265	7626	4711	-	97	442	440	2159	3489	1296
1994-95	17907	11688	3008	755	11591	5799	-	102	727	668	2581	2970	1394
1995-96	27883	15341	3579	1201	18390	7925	-	102	1398	728	4516	3777	1608
1996-97	31749	17497	4252	1779	18519	9234	-	119	1836	969	7142	3514	1882
1997-98	41731	21256	5618	2517	23466	11413	-	124	2919	1047	9728	4286	1869
1998-99	48230	24685	7492	3034	27586	12007	-	124	3231	1212	9921	5998	2310
1999-00	47529	34224	9225	5604	23413	12737	-	124	4115	1290	10776	11489	2980
2000-01	44317	34196	10192	4007	17643	13154	-	121	4786	930	11696	13084	2900
2001-02	50377	39080	13364	4135	20860	13760	-	121	4443	1048	11710	16895	3121
MORMUGAO													
1990-91	5785	4472	1004	897	3712	1513	46	94	104	118	919	1043	807
1991-92	5993	4966	985	1070	3703	1556	42	104	107	139	1156	1125	972
1992-93	7913	5773	1323	1312	4898	1911	73	122	109	140	1510	1134	1154
1993-94	9896	6876	2083	1262	5837	2611	80	123	216	166	1680	1451	1263
1994-95	9741	6890	2199	1607	5445	2277	61	132	278	104	1758	1195	1575
1995-96	9867	7931	2198	2476	5454	1967	-	116	358	67	1857	1557	1748
1996-97	11055	8912	2263	2055	6287	2616	-	112	485	94	2020	2060	1975
1997-98	13317	10297	2522	2303	8188	3525	4	139	345	235	2258	1954	2141
1998-99	14849	12575	2884	2748	8460	4297	181	136	567	280	2757	2529	2585
1999-00	16046	13702	3100	3022	8993	3977	389	222	966	272	2598	3286	2923
2000-01	21474	19254	3789	3474	10914	5761	533	337	957	311	5281	5091	4280
2001-02	19696	18923	4633	3752	12060	4784	839	401	1225	366	939	5650	3970

Table 3.2.10 (Contd...) Distribution of Revenue And Expenditure at Major Ports

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expen-diture	Port and Dock Charges including Pilotage		Cargo handling and ware-housing		On account of Railways		Land and building		Finance and Misc.		M & G.A. Expen-diture (a)
			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													
1990-91	3315	2209	641	794	1928	220	neg	5	466	62	280	598	530
1991-92	3667	2715	734	1260	2028	265	neg	11	447	63	458	451	665
1992-93	4198	2853	954	1395	2072	271	neg	14	462	74	710	415	684
1993-94	4831	3476	1154	1840	2424	297	-	10	482	76	771	447	806
1994-95	4821	3195	1190	1264	2367	335	6	18	572	88	686	583	907
1995-96	6672	4615	1398	2204	3291	637	13	13	759	112	1211	592	1057
1996-97	13422	9275	2355	2819	8831	1443	12	35	649	119	1575	3469	1390
1997-98	17852	10938	3085	3789	11264	1597	25	36	1122	138	2356	3744	1634
1998-99	16924	13009	3603	4390	10950	1801	22	23	917	180	1432	4758	1857
1999-00	18600	13028	3742	4880	12315	2053	13	28	1040	198	1490	3568	2301
2000-01	19173	14884	3415	5759	12961	2312	13	29	1145	213	1639	3904	2667
2001-02	20714	15745	3593	5685	14472	2425	27	32	1341	219	1281	4944	2440
COCHIN													
1990-91	6364	5324	1163	1524	4059	1008	-	17	316	135	826	1256	1384
1991-92	6498	5667	1137	1576	4335	1105	-	17	356	167	670	1454	1348
1992-93	8056	7022	1594	2179	4600	1162	-	20	441	183	1421	1821	1657
1993-94	8069	7799	1906	2794	4557	1206	-	24	500	199	1106	1815	1761
1994-95	9461	8624	2382	2113	5246	1604	-	24	577	333	1256	2399	2151
1995-96	12493	13058	2934	3470	7132	1984	-	29	643	334	1784	4894	2347
1996-97	15866	13601	3456	4107	9456	2059	-	29	864	321	2090	4143	2942
1997-98	17748	13241	4034	4903	10490	2193	-	22	1021	427	2203	2115	3581
1998-99	19560	16435	4386	5778	10735	2710	-	25	1169	592	3270	3486	3844
1999-00	20355	20084	5324	6144	11354	3628	-	31	1363	476	2314	5358	4447
2000-01	20597	23972	5367	5262	11295	4530	-	40	1698	490	2237	8626	5024
2001-02	20144	23646	5989	6141	10810	4411	-	18	1907	456	1438	8073	4847

Table 3.2.10 (Contd...) Distribution of Revenue And Expenditure at Major Ports

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expen-diture	Port and Dock Charges including Pilotage		Cargo handling and ware-housing		On account of Railways		Land and building		Finance and Misc.		M & G.A. Expen-diture (a)
			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													
1990-91	2908	1880	468	439	1561	368	73	51	145	106	661	442	474
1991-92	3046	2086	550	506	1936	447	72	68	147	123	341	407	535
1992-93	3989	2250	861	545	2287	500	74	65	222	134	545	415	591
1993-94	3908	2899	924	635	2201	689	-	51	231	135	552	689	700
1994-95	4502	3726	1088	661	2721	1147	23	68	210	195	460	813	842
1995-96	5979	3634	1613	875	3542	737	9	50	241	231	574	816	925
1996-97	6709	4063	1885	931	3710	790	57	58	232	247	825	939	1098
1997-98	8649	5025	2271	1193	4676	915	93	129	479	259	1130	1314	1215
1998-99	9594	5957	2710	1308	5194	999	119	205	520	402	1051	1493	1550
1999-00	10217	6528	2920	1560	4981	1156	136	137	977	460	1203	1303	1912
2000-01	13128	9390	4637	1952	5796	1195	154	165	870	594	1671	3378	2106
2001-02	13538	9489	4983	1980	5647	1089	189	163	886	666	1833	3680	1911
CHENNAI													
1990-91	16964	9713	2184	1426	10714	3194	1295	614	166	93	2605	1778	2608
1991-92	19947	11218	3055	1594	11172	3722	1630	719	208	98	3882	2157	2928
1992-93	25664	13700	4003	1536	13135	4062	1576	924	201	121	6749	3694	3363
1993-94	30029	15548	5087	1650	14721	4588	1601	815	219	143	8401	4860	3492
1994-95	31007	16773	5429	2723	15416	5230	1741	849	276	169	8145	3671	4131
1995-96	33879	20365	6826	2850	16313	6173	1987	1138	387	170	8366	5175	4859
1996-97	38378	20933	7194	3113	17582	6816	2292	1081	328	187	10982	4452	5284
1997-98	41676	24860	7913	3994	18954	7723	2887	1526	381	232	11541	4912	6473
1998-99	43928	26834	8829	4284	19232	8453	3016	1701	337	276	12514	4898	7222
1999-00	45966	31440	8558	6071	21146	9915	3886	1725	314	235	12062	4712	8782
2000-01	47473	43713	7506	6807	24738	12302	4283	2408	522	289	10424	11228	10679
2001-02	62497	41143	6951	6431	22852	10610	3823	1888	353	253	28518	13052	8909
ENNORE													
2001-02	3094	6690	18	-	3059	148	-	-	-	-	17	4959	1583

Table 3.2.10 (Contd...) Distribution of Revenue And Expenditure at Major Ports

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expen- diture	Port and Dock Charges including Pilotage		Cargo handling and ware-housing		On account of Railways		Land and building		Finance and Misc.		M & G.A. Expen- diture (a)
			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													
1990-91	13955	10547	2531	1990	7300	2843	1427	1193	569	420	2128	2487	1614
1991-92	15713	11861	2682	2487	8442	3230	2025	1754	344	515	2220	2061	1814
1992-93	18956	13951	4030	2739	9621	3343	2387	1893	348	507	2570	3339	2130
1993-94	20226	14424	4676	2678	10434	3906	2451	1678	535	577	2130	3378	2207
1994-95	21940	17719	5870	3458	11548	4523	2806	1803	683	681	1033	4684	2570
1995-96	25802	19947	7000	4022	13241	4075	3473	2711	682	810	1406	5269	3060
1996-97	28349	20951	8063	4246	14413	4998	3756	3050	894	817	1223	4280	3560
1997-98	29441	21936	7773	3962	13776	5233	4749	3380	956	1021	2187	4263	4077
1998-99	29307	22424	8454	3416	13590	5895	4414	2847	917	1455	1932	4299	4512
1999-00	38002	35102	9514	4121	15733	6588	4492	2868	967	1542	7296	14949	5034
2000-01	39782	37836	9693	5146	18118	7237	5575	3861	1480	1707	4916	14085	5800
2001-02	43928	39645	12706	5023	19300	7161	5486	2987	2006	1987	4430	17281	5206
PARADIP													
1990-91	8782	7109	1632	852	5098	1446	732	386	163	420	1157	3003	1002
1991-92	9893	8347	1595	1084	5072	1823	764	486	526	504	1936	3346	1104
1992-93	10303	8910	1857	1412	5632	2075	994	832	355	770	1465	2460	1361
1993-94	13273	11804	2317	1240	6724	2273	1250	685	939	512	2043	5400	1694
1994-95	13837	10258	2752	1745	8039	2445	1538	437	362	792	1146	3126	1713
1995-96	16093	12139	3202	2221	9324	2901	1674	473	949	1031	944	3522	1991
1996-97	17972	13292	3488	2658	9347	3043	1780	557	1656	1116	1701	3381	2537
1997-98	18903	13832	4159	1936	10397	3320	2268	830	849	1555	1230	3500	2691
1998-99	19251	14450	4032	2032	10175	3339	2112	726	960	1888	1972	3109	3356
1999-00	20505	15835	4898	2548	10617	3648	1991	726	936	1781	2063	3501	3631
2000-01	28449	21161	7500	3670	14834	4117	2960	1051	919	2267	2236	6067	3989
2001-02	33217	29932	8214	3587	17403	7668	3309	1549	795	2389	3496	9841	4898

Table 3.2.10 (Contd...) Distribution of Revenue And Expenditure at Major Ports

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expen-diture	Port and Dock Charges including Pilotage		Cargo handling and ware-housing		On account of Railways		Land and building		Finance and Misc.		M & G.A. Expen-diture (a)
			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													
1990-91	12370	7638	4237	2957	5735	1399	790	626	347	398	1261	1081	1177
1991-92	14842	10549	5543	4869	6122	1423	972	620	440	518	1765	1762	1357
1992-93	17731	13807	7139	6577	6968	1755	1214	789	989	598	1421	2449	1639
1993-94	22744	16792	9798	7423	8976	1806	1229	812	940	715	1801	4232	1804
1994-95	26821	20647	11671	8367	10537	1977	1404	784	1042	680	2167	6811	2028
1995-96	27174	18934	9975	5932	12039	2019	1656	875	1442	891	2062	6889	2328
1996-97	35325	22418	14649	9513	13428	2371	2109	965	1735	1009	3404	5807	2753
1997-98	47977	30927	22965	15728	17041	2749	2489	1127	1680	1064	3802	7163	3096
1998-99	68322	57040	43545	36724	16644	3132	2309	1478	1809	1210	4015	10772	3724
1999-00	59944	51750	36169	29979	15647	3434	2532	1534	2390	1438	3206	10897	4468
2000-01	75312	65655	46974	31983	18356	4152	2746	1445	3027	1698	4209	21386	4991
2001-02	95985	79137	62575	35256	22630	4277	3085	1608	3230	1547	4465	31703	4746
KOLKATA DOCK SYSTEM													
1990-91	14722	14503	2770	3547	8891	2831	417	819	1246	224	1398	3115	3867
1991-92	15372	15187	2426	3484	8176	2832	476	850	1507	261	2787	3773	3987
1992-93	15815	15271	3451	4016	8808	2969	585	914	1567	247	1404	2912	4213
1993-94	18575	16839	3928	3767	11088	2889	638	760	1609	257	1312	4169	4997
1994-95	20040	20448	4546	5415	11527	2779	1064	874	1719	267	1184	6309	4804
1995-96	21680	21455	4886	5554	13180	2915	934	745	1894	246	786	6485	5510
1996-97	23990	22571	4869	5871	14218	3067	891	837	2329	355	1683	6354	6087
1997-98	26104	25807	5638	6403	15514	2933	861	1173	2559	424	1532	8380	6494
1998-99	27863	29543	6553	7747	15941	3154	919	1172	2763	625	1687	9589	7256
1999-00	27500	31330	6991	7938	14999	3379	660	1026	3078	593	1772	10332	8062
2000-01	27484	37895	6262	9432	13859	4207	661	1196	3835	841	2867	13224	8995
2001-02	28053	32863	8063	8561	10793	3771	611	1127	3706	700	4880	10591	8113

Table 3.2.10 (Contd...) Distribution of Revenue And Expenditure at Major Ports

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expen-diture	Port and Dock Charges including Pilotage		Cargo handling and ware-housing		On account of Railways		Land and building		Finance and Misc.		M & G.A. Expen-diture (a)
			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													
1990-91	125818	93042	23208	20881	75828	26120	5010	4934	5112	3729	16660	19159	18219
1991-92	144736	110022	26541	25103	80662	29040	6236	5831	6397	4630	24900	25097	20321
1992-93	178646	127618	38205	30153	96135	32290	7230	6890	6970	5365	30106	30223	22697
1993-94	206457	144453	48260	32769	109563	36476	7588	6423	8456	5689	32590	37466	25630
1994-95	231725	167700	55529	38225	125757	42030	9091	6811	8545	6960	32803	44791	28883
1995-96	275864	187719	62655	40187	151772	47203	10356	7939	11249	7894	39832	51272	33224
1996-97	317163	212390	71962	51318	168007	53641	11388	8801	14087	9074	51719	51894	37662
1997-98	360731	239072	89786	61484	184181	59942	13872	10318	17294	10663	55598	54092	42573
1998-99	400952	294202	119732	86558	189091	65696	13863	10345	18549	12727	59717	70116	48760
1999-00	405028	323554	116556	89441	183185	70458	14724	10173	21206	12862	69357	85006	55614
2000-01	426180	416617	129608	96210	183702	82258	17237	12441	23983	14270	71650	147112	64331
2001-02	480571	422331	154719	95081	192863	80104	17677	11274	24754	14517	90558	160118	61237

(a): Management and General Administration Expenditure

Table 3.2.11 Operating Financial Parameters for Major Ports

(Rs. In Lakh)

Item/Year	Kandla	Mumbai	J.L. Nehru	Mormu-gao	N.Manga-lore	Cochin	Tuti-corin	Chennai	Ennore	Visakha-patnam	Paradip	Haldia Dock Complex	Kolkata Dock System	All Ports
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Operating Income														
1990-91	6439	23479	5310	4866	3036	5538	2247	14359	-	11826	7626	11109	13324	109159
1991-92	7205	25564	7311	4837	3209	5828	2706	16065	-	13493	7957	13077	12585	119837
1992-93	8691	36452	8567	6403	3488	6635	3444	18915	-	16386	8838	16310	14411	148540
1993-94	10175	41668	10269	8216	4060	6963	3356	21629	-	18096	11230	20943	17263	173868
1994-95	11747	47514	15326	7983	4135	8205	4042	22862	-	20907	12691	24654	18856	198922
1995-96	13828	58188	23367	8010	5461	10709	5405	25513	-	24396	15149	25112	20894	236032
1996-97	16016	59258	24607	9035	11847	13776	5884	27396	-	27126	16271	31921	22307	265444
1997-98	19064	60638	32003	11059	15496	15545	7519	30135	-	27254	17673	44175	24572	305133
1998-99	23227	60731	38309	12092	15492	16290	8543	31414	-	27375	17279	64307	26176	341235
1999-00	22520	53267	36753	13448	17110	18041	9014	33904	-	30706	18442	56738	25728	335671
2000-01	18098	46419	32621	16193	17534	18360	11457	37049	-	34866	26213	71103	24617	354530
2001-02	17965	43812	38667	18757	19433	18706	11705	33979	3077	39498	29721	91520	23173	390013
Operating Expenditure														
1990-91	3599	17091	4601	3429	1611	4068	1438	7935	-	8059	4106	6557	11388	73882
1991-92	4038	19384	5448	3841	2264	4213	1680	9061	-	9800	5001	8787	11414	84931
1992-93	4352	21916	6229	4639	2433	5201	1835	10006	-	10612	6450	11358	12359	97395
1993-94	5168	23994	7809	5425	3029	5984	2210	10687	-	11046	6404	12560	12670	106986
1994-95	5441	30061	8718	5695	2612	6225	2913	13102	-	13035	7132	13836	14139	122909
1995-96	6645	31359	11564	6374	4023	8164	2818	15190	-	14678	8617	12045	14970	136447
1996-97	7939	37443	13983	6852	5805	9458	3124	16481	-	16671	9911	16611	16217	160496
1997-98	8969	39523	16970	8343	7194	11126	3711	19948	-	17673	10332	23764	17427	184980
1998-99	8625	43440	18687	10046	8251	12949	4464	21936	-	18125	11341	46268	19954	224086
1999-00	12642	42278	22735	10416	9460	14726	5225	26728	-	20153	12334	40853	20998	238548
2000-01	11540	50082	21112	14163	10980	15346	6012	32485	-	23751	15094	44269	24671	269505
2001-02	10493	42096	22185	13273	10801	15573	5809	28091	1731	22364	20091	47434	22272	262213

Table 3.2.11 (Contd...) Operating Financial Parameters for Major Ports

(Rs. In Lakh)

Item/Year	Kandla	Mumbai	J.L. Nehru	Mormu-gao	N.Manga-lore	Cochin	Tuti-corin	Chennai	Ennore	Visakha-patnam	Paradip	Haldia Dock Complex	Kolkata Dock System	All Ports
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Operating Surplus														
1990-91	2840	6388	709	1437	1425	1470	809	6424	-	3767	3520	4552	1936	35277
1991-92	3167	6180	1863	996	945	1615	1026	7004	-	3693	2956	4290	1171	34906
1992-93	4339	14536	2338	1764	1050	1434	1609	8909	-	5774	2388	4952	2052	51145
1993-94	5007	17674	2460	2791	1031	979	1146	10942	-	7050	4826	8383	4593	66882
1994-95	6306	17453	6608	2288	1523	1980	1129	9760	-	7872	5559	10818	4717	76013
1995-96	7183	26829	11803	1636	1438	2545	2587	10323	-	9718	6532	13067	5924	99585
1996-97	8077	21815	10624	2183	6041	4318	2760	10915	-	10455	6360	15310	6090	104948
1997-98	10095	21115	15033	2716	8302	4419	3808	10187	-	9581	7341	20411	7145	120153
1998-99	14602	17291	19622	2046	7241	3341	4079	9478	-	9250	5938	18039	6222	117149
1999-00	9878	10989	14018	3032	7650	3315	3789	7176	-	10553	6108	15885	4730	97123
2000-01	6558	(-)3663	11509	2030	6554	3014	5445	4564	-	11115	11119	26834	(-)54	85025
2001-02	7472	1716	16482	5484	8632	3133	5896	5888	1346	17134	9630	44086	901	127800
Net Surplus														
1990-91	4317	6133	556	1313	1106	1040	1028	7251	-	3408	1673	4732	219	32776
1991-92	5063	5324	1952	1027	952	831	960	8729	-	3852	1546	4293	185	34714
1992-93	7136	13197	1607	2140	1345	1034	1739	11964	-	5005	1393	3924	544	51028
1993-94	7955	17825	1130	3020	1355	270	1009	14481	-	5802	1469	5952	1736	62004
1994-95	9578	14338	6219	2851	1626	837	776	14234	-	4221	3579	6174	(-)408	64025
1995-96	12608	25434	12542	1936	2057	(-)565	2345	13514	-	5855	3954	8240	225	88145
1996-97	16279	19192	14252	2143	4147	2265	2646	17445	-	7398	4680	12907	1419	104773
1997-98	19020	17360	20475	3020	6914	4507	3624	16816	-	7505	5071	17050	297	121659
1998-99	21110	10764	23545	2274	3915	3125	3637	17094	-	6883	4801	11282	(-)1680	106750
1999-00	21492	8341	13305	2344	5572	271	3689	14526	-	2900	4670	8194	(-)3830	81474
2000-01	17065	(-)3673	10121	2220	4289	(-)3375	3738	3760	-	1946	7288	9657	(-)10411	9563
2001-02	19240	(-)1595	11297	773	4969	(-)3502	4049	21354	(-)3596	4283	3285	16848	(-)4810	58240

Table 3.2.12 Operating Ratio for Major Ports

(In Percentage)

Item/Year	Kandla	Mumbai	J.L. Nehru	Mormu-gao	N.Manga-lore	Cochin	Tuti-corin	Chennai	Ennore	Visakha-patnam	Paradip	Haldia Dock Complex	Kolkata Dock System	All Ports
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1990-91	55.89	72.79	86.65	70.47	53.06	73.46	64.00	55.26	-	68.15	53.84	59.02	85.47	67.68
1991-92	56.04	75.83	74.52	79.41	70.55	72.29	62.08	56.40	-	72.63	62.85	67.19	90.70	70.87
1992-93	50.07	60.12	72.71	72.45	69.90	78.39	53.28	52.90	-	64.76	72.98	69.64	85.76	65.57
1993-94	50.79	57.58	76.04	66.03	74.61	85.94	65.85	49.41	-	61.04	57.03	59.97	73.39	61.53
1994-95	46.32	63.27	56.88	71.34	63.17	75.87	72.07	57.31	-	62.35	56.20	56.12	74.98	61.79
1995-96	48.05	53.89	49.49	79.58	73.67	76.23	52.14	59.54	-	60.16	56.88	47.96	71.65	57.81
1996-97	49.57	63.19	56.82	75.84	49.00	68.65	53.09	60.16	-	61.46	60.91	52.04	72.70	60.46
1997-98	47.05	65.18	53.03	75.44	46.42	71.57	49.35	66.20	-	64.84	58.46	53.80	70.92	60.62
1998-99	37.13	71.53	48.78	83.08	53.26	79.49	52.25	69.83	-	66.21	65.63	71.95	76.23	65.67
1999-00	56.14	79.37	61.86	77.45	55.29	81.63	57.97	78.83	-	65.63	66.88	72.00	81.61	71.07
2000-01	63.76	107.89	64.72	87.46	62.62	83.58	52.47	87.68	-	68.12	57.58	62.26	100.22	76.02
2001-02	58.41	96.08	57.37	70.76	55.58	83.25	49.63	82.67	56.26	56.62	67.60	51.83	96.11	67.23

Table 3.2.13 Employment of Manpower At Major Ports As On 31st December (In Numbers)

PORT	Year											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
1	2	3	4	5	6	7	8	9	10	11	12	13
KPT	4603	4976	4927	4677	4740	4451	4107	4486	3860	4128	4193	4028
MbPT	29349	28199	27327	25063	34696(b)	32893(b)	32789(b)	32127(b)	31416(b)	31033(b)	29073(b)	22392(b)
JNPT	1137	1187	1386	1507	1513	1549	1539	1550	1540	1557	1583	1588
MoPT	3614	3582	3668	3257	3612	3607	3588	3535	4290(b)	4281(b)	4226(b)	3580(b)
NMPT	1328	1330	1337	2401	2311	2303	2275	2258	2293	2289	2233	2106
CoPT	5781	5533	5546	5546	5502	4872	4985	5021	5332	5213(b)	6019(b)	4078(b)
TPT	2270	2268	2250	2054	1998	2152	1941	1895	1875	1833	1723	2929
ChPT	11346	11361	10318	10271	10357	10399	10314	10314	10207	10274	10075	10241
EPL	-	-	-	-	-	-	-	-	-	-	-	1
VPT	10848	11314	10227	10082	9772	9626	9450	9307	9198	8773	7502	6064
PPT	4841	4811	4834	4996	5241	4113	4229	4106	3892	3876	3851	3369
KDS(a)	23643	23394	21292	19808	19296	13609	12873	11923	11570	10765	9796	8583
HDC(a)						4442	4484	4625	4695	4672	4643	4355
ALL MAJOR PORTS	98760	97955	93112	89662	99038	94016	92574	91147	90168	88694	84917	73314

(a) Prior to 1995, separate figures for Calcutta & Haldia are not available.

(b) Includes DLB employment also.

Note : Number of officers in the class I & II Posts have not been included

Table 3.2.14 **Number of Dock Workers With DLB'S of Major Ports (As on 31st December)**

(In Numbers)

PORT	Year											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
1	2	3	4	5	6	7	8	9	10	11	12	13
KPT	875	913	897	984	953	960	943	891	932	946	918	863
MbPT	7848	8137	6849	7051	(b)	(b)	(b)	(b)	(b)	(b)	(b)	(b)
MoPT	955	935	902	821	807	745	691	598	(a)	(a)	(a)	(a)
CoPT	665	581	683	584	548	529	461	424	(a)	(a)	(a)	(a)
ChPT	1341	1306	1108	1890	1143	1092	1186	976	917	1056(c)	965(d)	1112(e)
VPT	641	611	706	739	732	610	563	717	909	928	840	816
KDS	5689	5272	4169	3907	3019	3304	2677	2408	2197	2038	1746	1483
TOTAL	18014	17755	15314	15976	7202	7240	6521	6014	4955	4968	4469	4274

(a) Dock Labour Board merged with Port Trust.
(b) Mumbai Dock Labour Board merged with Mumbai Port
(c) Includes 184 casuals.
(d) Includes 182 casuals.
(e) Includes Listed and other workers also.

Table 3.2.15 **Number of Dock Workers Listed with Major Ports (As On 31st December)**

(In Numbers)

PORT	Year											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
1	2	3	4	5	6	7	8	9	10	11	12	13
KPT	-	-	-	-	-	-	-	-	-	-	-	-
MbPT	-	-	-	-	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
ChPT	1445	1376	289	275	260	237	210	182	154	135	119	(c)
VPT	1502	1487	1483	1006	1319	1174(b)	1554(b)	1312(b)	903	742	604	450
TOTAL	2947	2863	1772	1281	1579	1411	1764	1494	1057	877	723	450

(a) Mumbai Dock Labour Board merged with Mumbai Port
(b) Includes Casual Workers.
(c) Included under Registered Dock Workers.

Table 3.3.1 Cargo Traffic Handled At Non-Major Ports -State-Wise

(In'000 Tonnes)

States U.T.	Overseas			Coastal			Overseas & Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
GUJARAT									
1991-92	3894	2903	6797	2351	1148	3499	6245	4051	10296
1992-93	4962	3526	8488	2372	1024	3396	7334	4550	11884
1993-94	6759	5142	11901	2773	1071	3844	9532	6213	15745
1994-95	7679	5149	12828	2640	1475	4115	10319	6624	16943
1995-96	8466	6205	14671	1686	2124	3810	10152	8329	18481
1996-97	8912	6191	15103	2605	2150	4755	11517	8341	19858
1997-98	13587	8666	22253	3823	1639	5462	17410	10305	27715
1998-99	11293	5268	16561	3495	2866	6361	14788	8134	22922
1999-00	25976	4865	30841	5622	10234	15856	31598	15099	46697
2000-01	39196	14699	53895	5721	11643	17364	44917	26342	71259
2001-02(P)	44276	16455	60731	6074	12902	18976	50350	29357	79707
MAHARASHTRA									
1991-92	-	213	213	305	14	319	305	227	532
1992-93	-	-	0	298	5	303	298	5	303
1993-94	-	-	0	622	24	646	622	24	646
1994-95	-	27	27	2301	118	2419	2301	145	2446
1995-96	332	27	359	3044	68	3112	3376	95	3471
1996-97	899	137	1036	3080	128	3208	3979	265	4244
1997-98	3519	191	3710	795	180	975	4314	371	4685
1998-99	3200	129	3329	1748	118	1866	4948	247	5195
1999-00	2713	92	2805	2941	300	3241	5654	392	6046
2000-01(P)	1641	46	1687	3858	351	4209	5499	397	5896
2001-02(P)	1313	94	1407	3172	381	3553	4485	475	4960
GOA									
1991-92	-	-	-	6	6	12	6	6	12
1992-93	-	-	-	88	124	212	88	124	212
1993-94	-	-	-	88	124	212	88	124	212
1994-95	-	-	-	88	124	212	88	124	212
1995-96	-	-	-	7	100	107	7	100	107
1996-97	167	85	252	52	91	143	219	176	395
1997-98	236	622	858	53	74	127	289	696	985
1998-99	104	1685	1789	102	283	385	206	1968	2174
1999-00	92	2242	2334	36	116	152	128	2358	2486
2000-01	609	2182	2791	158	239	397	767	2421	3188
2001-02(P)	197	1943	2140	316	402	718	513	2345	2858
DAMAN & DIU									
1991-92	-	-	-	Neg.	-	Neg.	Neg.	-	Neg.
1992-93	-	-	-	-	-	-	-	-	-
1993-94	-	-	-	Neg.	-	Neg.	Neg.	-	Neg.
1994-95	-	-	-	Neg.	-	Neg.	Neg.	-	Neg.
1995-96	-	-	-	-	-	-	-	-	-
1996-97	-	-	-	-	-	-	-	-	-
1997-98	-	-	-	-	-	-	-	-	-
1998-99	-	-	-	-	-	-	-	-	-
1999-00	-	-	-	-	-	-	-	-	-
2000-01	-	-	-	-	-	-	-	-	-
2001-02(P)	-	-	-	-	-	-	-	-	-

Table 3.3.1(Contd...)

Cargo Traffic Handled At Non-Major Ports - State-Wise

(In'000 Tonnes)

States U.T.	Overseas			Coastal			Overseas & Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
KARNATAKA									
1991-92	116	89	205	107	71	178	223	160	383
1992-93	192	128	320	92	58	150	284	186	470
1993-94	81	82	163	83	64	147	164	146	310
1994-95	186	95	281	101	73	174	287	168	455
1995-96	242	100	342	91	90	181	333	190	523
1996-97	85	199	284	129	111	240	214	310	524
1997-98	134	169	303	86	115	201	220	284	504
1998-99	68	88	156	119	129	248	187	217	404
1999-00	139	239	378	122	123	245	261	362	623
2000-01	185	287	472	110	94	204	295	381	676
2001-02(P)	161	289	450	122	140	262	283	429	712
KERALA									
1991-92	Neg.	86	86	9	35	44	9	121	130
1992-93	-	90	90	6	29	35	6	119	125
1993-94	1	59	60	-	39	39	1	98	99
1994-95	5	157	162	-	35	35	5	192	197
1995-96	-	136	136	15	33	48	15	169	184
1996-97	-	52	52	5	14	19	5	66	71
1997-98	-	82	82	14	20	34	14	102	116
1998-99	-	54	54	20	30	50	20	84	104
1999-00	3	52	55	35	30	65	38	82	120
2000-01	1	3	4	54	36	90	55	39	94
2001-02(P)	1	2	3	91	33	124	92	35	127
TAMIL NADU									
1991-92	182	3	185	-	-	-	182	3	185
1992-93	248	12	260	-	-	-	248	12	260
1993-94	62	18	80	-	-	-	62	18	80
1994-95	93	31	124	-	-	-	93	31	124
1995-96	114	2	116	-	-	-	114	2	116
1996-97	31	3	34	-	Neg.	Neg.	31	3	34
1997-98	62	-	62	-	206	206	62	206	268
1998-99	76	-	76	-	394	394	76	394	470
1999-00	102	8	110		304	304	102	312	414
2000-01	128	-	128	44	162	206	172	162	334
2001-02(P)	100	3	103	164	222	386	264	225	489
PONDICHERRY									
1991-92	53	-	53	-	-	-	53	0	53
1992-93	47	-	47	-	-	-	47	0	47
1993-94	22	-	22	-	-	-	22	0	22
1994-95	26	-	26	-	-	-	26	0	26
1995-96	56	-	56	-	-	-	56	0	56
1996-97	45	-	45	-	-	-	45	0	45
1997-98	Neg.	-	0	-	-	-	0	0	0
1998-99	23	-	23		-	-	23	0	23
1999-00	-	-	0		-	-	0	0	0
2000-01	76	-	76		-	-	76	0	76
2001-02(P)	95	-	95		-	-	95	0	95

Table 3.3.1(Contd...)

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									
1991-92	402	778	1180	-	-	-	402	778	1180
1992-93	632	928	1560	-	-	-	632	928	1560
1993-94	510	1262	1772	35	-	35	545	1262	1807
1994-95	456	926	1382	5	-	5	461	926	1387
1995-96	637	1632	2269	34	-	34	671	1632	2303
1996-97	579	916	1495	10	722	732	589	1638	2227
1997-98	1133	544	1677	59	1802	1861	1192	2346	3538
1998-99	1138	1079	2217	414	1547	1961	1552	2626	4178
1999-00	2087	532	2619	752	2549	3301	2839	3081	5920
2000-01	1755	220	1975	295	2569	2864	2050	2789	4839
2001-02(P)	2365	559	2924	32	2457	2489	2397	3016	5413
ORISSA									
1991-92	118	32	150	-	-	-	118	32	150
1992-93	152	53	205	-	-	-	152	53	205
1993-94	150	62	212	-	-	-	150	62	212
1994-95	161	39	200	-	-	-	161	39	200
1995-96	104	70	174	-	-	-	104	70	174
1996-97	51	88	139	-	-	-	51	88	139
1997-98	56	145	201	-	-	-	56	145	201
1998-99	-	120	120	-	-	-	0	120	120
1999-00	-	154	154	-	-	-	0	154	154
2000-01	6	134	140	-	-	-	6	134	140
2001-02(P)	4	14	18	-	-	-	4	14	18
ANDAMAN NICOBAR ISLANDS									
1991-92	-	-	0	205	94	299	205	94	299
1992-93	-	-	0	205	94	299	205	94	299
1993-94	-	-	0	205	94	299	205	94	299
1994-95	-	-	0	232	60	292	232	60	292
1995-96	-	-	0	239	56	295	239	56	295
1996-97	-	-	0	234	61	295	234	61	295
1997-98	17	-	17	368	187	555	385	187	572
1998-99	22	-	22	422	249	671	444	249	693
1999-00	14	-	14	513	214	727	527	214	741
2000-01	-	-	-	450	115	565	450	115	565
2001-02(P)	-	-	-	450	115	565	450	115	565
LAKSHADWEEP									
1991-92	-	-	-	33	5	38	33	5	38
1992-93	-	-	-	33	5	38	33	5	38
1993-94	-	-	-	33	5	38	33	5	38
1994-95	...	...	...	...	...	...	0	0	0
1995-96	...	...	...	...	...	...	0	0	0
1996-97	...	...	...	...	...	...	0	0	0
1997-98	-	-	-	23	-	23	23	0	23
1998-99	-	-	-	23	-	23	23	0	23
1999-00	-	-	-	182	-	182	182	0	182
2000-01(P)	-	-	-	182	-	182	182	0	182
2001-02(P)	-	-	-	182	-	182	182	0	182

Table 3.3.1(Contd...)

Cargo Traffic Handled At Non-Major Ports - State-Wise

(In'000 Tonnes)

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
TOTAL									
1991-92	4765	4104	8869	3016	1373	4389	7781	5477	13258
1992-93	6233	4737	10970	3094	1339	4433	9327	6076	15403
1993-94	7585	6625	14210	3839	1421	5260	11424	8046	19470
1994-95	8606	6424	15030	5367	1885	7252	13973	8309	22282
1995-96	9951	8172	18123	5116	2471	7587	15067	10643	25710
1996-97	10769	7671	18440	6115	3277	9392	16884	10948	27832
1997-98	18744	10419	29163	5221	4223	9444	23965	14642	38607
1998-99	15924	8423	24347	6343	5616	11959	22267	14039	36306
1999-00	31126	8184	39310	10203	13870	24073	41329	22054	63383
2000-01	43597	17571	61168	10872	15209	26081	54469	32780	87249
2001-02(P)	48512	19359	67871	10603	16652	27255	59115	36011	95126

Note : Transhipment cargo is included in 'Unloaded'.

Table 3.3.2 **Transhipment Traffic at Non-Major Ports** (In '000 Tonnes)

State/Port	Commodity	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
GUJARAT									
Sikka	Crude Oil	3603	2522	2663	3348	3668	370	3	39
	Propylene	-	-	-	-	-	-	4	-
Bedi	Iron Ore	-	60	-	-	-	-	-	-
	Coal Cargo	-	-	-	-	-	-	-	-
Bhavnagar	Iron Ore	334	476	78	-		317	481	-
	Clinker	-	57	57	-	609(a)	-	-	-
	Iron&steel	8	94	88	-		39	141	-
	Lime stone	-	-	-	-		71	12	-
Magdalla	EDC	-	-	-	-	221(a)	63	-	-
	Paraxylene	-	-	-	-		47	-	-
	Copper	-	-	-	-		-	12	-
GAPL	...	-	-	-	-	-	-	2	-
ANDHRA PRADESH									
Kakinada	Wheat	-	-	-	-	-	-	-	-
MAHARASHTRA	General cargo	3	-	-	-	-	-	-	-
TAMIL NADU									
Cuddalore		-	-	1	-	-	-	-	-
PONDICHERRY	Black Feed Oil	-	-	-	45	-	-	-	-
Total Transhipment		3948	3209	2887	3393	4498	907	655	39

(a) Commodity-wise details are not available.

Table 3.3.3 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
1991-92	-	-	78033	77826	78033	77826
1992-93	41	-	75958	73473	75999	73473
1993-94	-	-	77489	76639	77489	76639
1994-95	-	-	79752	76590	79752	76590
1995-96	-	-	91487	86343	91487	86343
1996-97	15	1	77568	73937	77583	73938
1997-98	24	25	86098	84280	86122	84305
1998-99	-	-	76901	76306	76901	76306
1999-00	3	3	79053	80880	79056	80880
2000-01	4	4	79227	80864	79231	80868

Table 3.3.4 **Passenger Traffic Handled at Non-Major Port -Maritime State-wise** (In'00 Nos.)

State/UT/Port	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
GUJARAT	1056	1602	1037	325	309	486	376	2	6	3
Embarked	531	827	551	163	158	243	188	1	3	2
Disembarked	525	775	486	162	151	243	188	1	3	1
MAHARASHTRA	135137	128146	132928	139669	160532	134077	154348	136278	142070	142070
Embarked	67790	65396	66964	71437	82900	68871	78119	68490	70164	70164
Disembarked	67347	62750	65964	68232	77632	65206	76229	67788	71906	71906
GOA	-	-	-	-	-	-	437	61	-	-
Embarked	-	-	-	-	-	-	239	26	-	-
Disembarked	-	-	-	-	-	-	198	35	-	-
KERALA	33	39	50	87	46	46	86	86	74	73
Embarked	4	21	26	43	14	14	51	51	34	34
Disembarked	29	18	24	44	32	32	35	35	40	39
TAMILNADU	14800	14852	15280	15172	15690	15543	13772	15286	16358	16344
Embarked	7400	7447	7640	7586	7845	7772	6886	7643	8179	8172
Disembarked	7400	7405	7640	7586	7845	7771	6886	7643	8179	8172
ANDAMAN GROUP	4833	4833	4833	1089	1253	1369	1408	1494	1428	1609
Embarked	2308	2308	2308	523	570	683	639	690	676	859
Disembarked	2525	2525	2525	566	683	686	769	804	752	750
ALL MINOR/ INTERMEDIATE PORTS	155859	149472	154128	156342	177830	151521	170427	153207	159936	160099
Embarked	78033	75999	77489	79752	91487	77583	86122	76901	79056	79231
Disembarked	77826	73473	76639	76590	86343	73938	84305	76306	80880	80868

Table 3.3.5

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

(In Number)

Type of vessels/year	Gujarat	Mahara-shtra	Goa	Daman & Diu	Karna-taka	Kerala	Tamil Nadu	Pondi-cherry	Andhra Pradesh	Orissa	Sea (a) Island
1	2	3	4	5	6	7	8	9	10	11	12
STEAMERS											
1994-95	2313	433	104	-	73	65	27	2	126	9	1786
1995-96	2559	500	104	-	63	71	19	4	216	9	4812
1996-97	2494	418	104	-	74	54	16	3	180	9	4507
1997-98	3401	540	74	-	74	78	23	1	236	9	4447
1998-99	3139	588	174	-	178	78	30	1	323	9	4716
1999-00	3792	646	43	-	123	68	25	-	468	9	5274
2000-01	3978	646	68	-	120	93	24	-	43	9	6249
SAILING VESSELS											
1994-95	5613	18990	11	212	847	410	22	-	-	-	58
1995-96	4829	14484	11	120	993	378	28	-	-	-	17
1996-97	7518	14077	11	-	1057	321	14	-	-	-	-
1997-98	7608	16282	-	-	1069	283	31	-	-	-	-
1998-99	6896	12496	-	-	1081	283	15	-	-	-	120
1999-00	6563	18886	-	-	1105	285	29	-	-	-	239
2000-01	7455	18886	-	-	915	279	58	-	60	-	504
TOTAL											
1994-95	7926	19423	115	212	920	475	49	2	126	9	1844
1995-96	7388	14984	115	120	1056	449	47	4	216	9	4829
1996-97	10012	14495	115	-	1131	375	30	3	180	9	4507
1997-98	11009	16822	74	-	1143	361	54	1	236	9	4447
1998-99	10035	13084	174	-	1259	361	45	1	323	9	4836
1999-00	10355	19532	43	-	1228	353	54	-	468	9	5513
2000-01	11433	19532	68	-	1035	372	82	-	103	9	6753

(a) Data relates to Andaman & Nicobar Islands.
For the years 1994-95 data relates to Port Blair.
From 1995-96, Onwards in addition to Port Blair, steamers entered at Rangat, Diglipur, Mayabunder, Hut Bay, Car Nicobar, Nancowry,Katchal and Campbell is also included.

SECTION – 4

INTERNATIONAL PORT STATISTICS

SECTION – 4

INTERNATIONAL PORT STATISTICS

Table 4.1 **World Port Traffic - Port traffic league by TEU of total containers handled - 1997-2001**

(In 000 TEUs)

Rank	Port	Country	Period	2001	2000	1999	1998	1997	Year on year growth 2001	Avg. yearly growth 1997-2001
1	2	3	4		5	6	7	8	10	11
1	Hong Kong	China PR of	CY	17826	18097	16211	14582	14567	-1.5	5.2
2	Singapore	Singapore	CY	15571	17087	15945	15096	14135	-8.9	2.4
3	Busan	Korea, Rep. of	CY	7907	7540	6440	5753	4715	4.9	13.8
4	Kaohsiung	Taiwan	CY	7540	7426	6985	6349	5693	1.5	7.3
5	Shanghai	China PR of	CY	6334	5612	4206	3066	2527	12.9	25.8
6	Rotterdam	Netherland	CY	5945	6300	6343	6010	5531	-5.6	1.8
7	Los Angles	US	FY	5184	4879	3829	3378	...	6.2	...
8	Shenzhen	China PR of	CY	5076	3993	2984	1950	...	27.1	...
9	Hamburg	Germany, FR of	CY	4689	4248	3738	3547	3352	10.4	8.8
10	Long Beach	US	CY	4463	4601	4408	4098	3505	-3.0	6.2
11	Antwerp	Belgium	CY	4218	4082	3614	3266	2969	3.3	9.2
12	Port Kelang	Malaysia	CY	3759	3207	2550	1820	1685	17.2	22.2
13	Dubai Ports	UAE	CY	3502	3059	2845	2804	2600	14.5	7.7
14	New York /New Jersey	US	CY	3180	3006	2829	2466	2457	5.8	6.7
15	Felixstowe	United Kingdom	CY	2800	2800	2697	2462	...	0.0	...
16	Bremen Ports	Germany, FR of	CY	2896	2712	2181	1812	1705	6.8	14.2
17	Tokyo	Japan	CY	2770	2889	...	...	...	-4.1	...
18	Qingdao	China PR of	CY	2640	2116	1542	1213	1031	24.7	26.5
19	Giola Tauro	Italy	CY	2488	2653	2253	2125	1449	-6.2	14.5
20	Yokohama	Japan	CY	2400	2317	2173	2058	2348	3.6	0.5
21	Laem Chabang	Thailand	FY	2336	2111	1756	1426	1036	10.7	22.5
22	Manila	Philipines	CY	2296	2292	2148	1856	2117	0.2	2.0
23	Tanjung Prick (Estimate)	Indonesia	CY	2222	2476	2273	1901	...	-10.3	...
24	Algeciras-La Linea	Spain	CY	2152	2009	1833	1826	1538	7.1	8.8
25	Kobe	Japan	CY	2100	2266	2176	2101	2086	-7.3	0.2
26	Tanjung Pelepas	Malaysia		2050	418 ...				390.4	...
27	Nagoya	Japan	CY	1890	1905	1567	1458	1498	-0.8	6.0
28	San Juan	Puerto Rico	FY	1830	2334	2085	2071	1990	-21.6	-2.1
29	Keelung	Taiwan	CY	1816	1955	1666	1707	1981	-7.1	-2.2
30	Colombo	Sri Lanka	CY	1727	1733	1704	1714	1687	-0.3	0.6
31	Oakland	US	CY	...	1777	1664	1575	1531		...
32	Tianjin	China PR of	CY	...	1708	1302	1066	935	...	...
33	Philadelphia / Charleston	US	CY	...	1629	1483	1278	1067	...	...
34	Genoa	Italy	CY	...	1601	1234	1266	1180	...	...
35	Seattle	US	CY	...	1488	1490	1544	1476	...	...
36	Osaka	Japan	CY	...	1474	1273	1156	...	...	...
37	Le Havre	France	CY	...	1465	1378	1319	1185	...	...
38	London	United Kingdom	CY	...	1463	1462	1334	1193	...	...
39	Guangzhou	China PR of	CY	...	1427	1170	846	687	...	...
40	Barcelona	Spain	CY	...	1387	1235	1095	972	...	...
41	Dublin	Irish Republic	CY	...	1380	1304	1191	1108	...	...
42	Tacoma	US	CY	...	1376	1271	1156	1158	...	...
43	Port of Virginia	US	CY	...	1348	1307	1252	1233	...	...
44	Melbourne	Australia	FY	...	1339	1204	1044	...	...	...
45	Valencia	Spain	CY	...	1308	1170	1005	832	...	...
46	JNPT	India	FY	1574	1190	890	669	504	32.3	32.9
47	Vancouver	Canada	CY	...	1163	1070	840	724	...	...
48	Piraeus	Greece	CY	...	1150	965	933	684	...	...
49	Taichung	Taiwan	CY	...	1130	1107	880	842	...	...
50	Durban	South Africa	CY	...	1125	1114	1105	...	...	...
51	Houston	US	CY	...	1074	1001	968	936	...	...

Source: 1) Shipping Statistics Year Book 2000, 2001
2) "Ports and Horbors" Published by the International Association of Ports and Horbors
3) "Ports and Horbors, May 2002" Published by the International Association of Ports and Horbors - for data relating to the year 2001

Note: Ranking is based on latest available figures and is applicable up to first 30 countries
... Indicates data not availa FY - Fiscal Year CY -Calendar Year

Table 4.2

World Port Traffic - Port Traffic League by Total Cargo Traffic 1997-2001

(In 1000 tons)

S.No.	Port	Country	Period		Unit	2001	2000	1999	1998	1997	Year on year growth 2001	Avg. Yearly growth 1997-2001
1	2	3	4		5	6	7	8	9	10	11	12
1	Singapore	Singapore	2	CY	FT	313487	325591	326044	312322	327506	-3.7	-1.1
2	Rotterdam	Netherlands	2	CY	MT	314647	319969	299145	306859	303292	-2.4	0.3
3	South Louisiana	US	1	CY	MT		222587	222550	197974	199670		
4	Shanghai	China, PR of	1	CY	MT	220000	...	186287	163880	163970	7.8	...
5	Hong Kong	China, PR of	2	CY	MT	178210	174642	168838	167170	169229	2.0	1.3
6	Chiba	Japan	1	CY	FT		169043	164741	164060	173337		
7	Houston	US	2	CY	MT		158760	144089	153381	150102		
8	Nagoya	Japan	1	CY	FT		153370	133038	133863	142737		
9	Ulsan	Korea, Rep. Of	1	CY	RT		151067	...	148332	150669	...	
10	Kwangyang	Korea, Rep. Of	1	CY	RT		139476	131059	114964	116704		
11	Antwerp	Belgium	1	CY	MT	130000	130531	115654	119789	111895	-0.4	3.8
12	Long Beach	US	1	CY	RT		124830	119312	110375	104741		
13	Inchon	Korea, Rep. Of	1	CY	RT		120398	108227	93948	123412		
14	Busan	Korea, Rep. Of	1	CY	RT	126337	117229	107757	96433	106643	7.8	4.3
15	Yokohama	Japan	1	CY	FT		116994	114538	117820	126453		
16	Kaohsiung(b)	Taiwan	1	CY	MT	116400	115287	110722	98203	97347	1.0	4.6
17	Los Angeles	US	1	FY	RT		113900	101507	85379	88067		
18	Guangzhou	China, PR of	1	CY	MT		...	101521	78630	75180	...	...
19	Oinhuangdao	China, PR of	1	CY	MT		97430	82610	77920	78620		
20	Ningbo	China, PR of	1	CY	MT		...	96601	87070	82200	...	...
21	Marseilles	France	1	CY	MT	92400	94097	90259	93421	94265	-1.8	-0.5
22	Osaka	Japan	1	CY	FT		92948	85391	86689	101924		
23	Richards Bay (c)	South Africa	1	CY	HT		91519	86120	86085	81078		
24	Kitakyushu	Japan	1	CY	FT		...	...	87346	...	...	...
25	Qingdao	China, PR of	1	CY	MT		86360	72560	70180	69160		...
26	Hamburg	Germany, FR of	1	CY	MT	92400	85863	81037	76263	76503	7.6	4.8
27	Dalian	China, PR of	1	CY	MT		...	85053	75150	70440	...	...
28	Kobe	Japan	1	CY	FT		84640	82778	100048	147771		
29	Tokyo	Japan	1	CY	FT		84257	85415	88392	93131		
30	Dampier	Australia	1	FY	MT		81446	82528	71333	75669		
31	Corpus Christi	US	1	CY	MT		81126	76681	81217	75549		
32	Vancouver (b)	Canada	1	CY	MT		76646	71213	71933	73535		
33	Newcastle	Australia	1	FY	MT		73871	72711	78048	77063		
34	Tubarao	Brazil	1	CY	MT		73182	68557	72146	...		...
35	Tianjin	China, PR of	1	CY	MT		...	72980	68180	67890	...	...
36	Port Hedland	Australia	1	FY	MT		72914	65431	67230	69832		
37	Hay Point	Australia	1	FY	MT		69379	53831	51458	48375		
38	Le Havre	France	1	CY	MT	69000	67492	63922	66407	59691	2.2	3.7
39	Port Kelang	Malaysia	1	CY	FT	70149	65277	60970	47341	55767	7.5	5.9
40	New Yark/New Jersey	US	1	CY	MT		64817	58135	56059	51748		
41	Amsterdam Ports	Netherlands	2	CY	MT	68382	64058	56221	55734	56510	6.8	4.9
42	Itaqui	Brazil	1	CY	MT		58552	46996	52303	51271		
43	Shenzhen	China, PR of	1	CY	MT		58000	...	...	...	...	...
44	Philadelphia	US	2	CY	MT		56797	55798	59964	55913		
45	Gladstone	Australia	1	FY	MT		52396	46177	42817	39925		
46	Novorossiysk	Russia	1	CY	MT		52099	47629	46998	44336		
47	Tees and Hartlepool (b)	United Kingdom	1	CY	MT		51469	49315	51455	51248		
48	Pohang	Korea, Rep. Of	1	CY	RT		51133	49120	47552	46892		
49	Genoa	Italy	1	CY	MT	50100	50805	45867	44874	42428	-1.4	4.2
50	Grimsby and Immingham	United Kingdom	1	CY	MT		50009	47005	48387	47991		

(1) Foreign and domestic traffic (2) Foreign traffic only

(a) Ranking based on latest available figures; ISL Port Data Base comprising more than 300 ports

(b) Excluding transhipment (c): Excluding Transhipment in 1998

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

Period: CY = Calendar Year, FY: Fiscal Year

MT=Metric tons FT= Freight tons RT= Revenue HT= Harbour tons.

Source: 1) Shipping Statistics Year Book 2001 Published by Institute of Shipping Economics and Logistics (ISL)

2) Official Web sites of Ports.

Table 4.3 Cargo Traffic - For Selected Ports in Asia - 1996-2001

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
Hongkong	1996	56,371	100,928	157,299	0.9	70.2	12.8	17.0	6,808	6,653	13,460	7.2	83.5
(China)	1997	61,716	107,513	169,229	7.6	71.2	10.6	18.2	7,387	7,181	14,567	8.2	82.7
	1998	60,319	106,851	167,170	(-)1.2	70.0	11.9	18.1	7,297	7,284	14,582	0.1	83.4
	1999	62,533	106,305	168,838	1.0	76.1	11.0	12.9	8,184	8,026	16,211	11.2	85.7
	2000	67,707	106,935	174,642	3.4	80.2	9.8	9.9	9,118	8,979	18,097	11.6	86.3
	2001	67,738	110,472	178,210	2.0	...	...	...	8,993	8,883	17,826	(-) 1.5	...
Shanghai	1996	...	...	...	...	...	...	...	1,047	924	1,971	64.8	
(China)	1997	...	...	163,970	...	...	...	...	1,381	1,146	2,527	28.2	
	1998	...	...	163,860	(-)0.1	...	...	...	1,655	1,411	3,000	21.3	
	1999	...	...	186,287	13.7	...	...	...	...	...	4,216	37.2	
	2000	...	...	...	...	...	...	...	...	...	5,613	33.4	
	2001	...	...	...	...	...	...	...	...	...	6,334	12.8	...
Chiba(a)	1996	45,899	131,911	177,810	0.9	6.1	28.1	65.8	24	24	48	60.6	5.2
(Japan)	1997	44,187	129,150	173,337	(-) 2.5	6.5	30.2	63.3	33	27	60	26.8	6.0
	1998	45,242	118,818	164,060	(-) 5.4	6.8	29.2	64.0	35	29	64	5.9	6.6
	1999	43,975	120,766	164,741	0.4	7.2	29.6	63.3	43	33	76	19.2	7.7
	2000	45,380	123,663	169,043	2.6	5.4	31.0	63.5	41	29	70	(-)7.9	9.5
	2001	...	...	...	...	...	...	...	...	...	...	...	...
Port klang(a)	1996	17,324	31,701	49,025	22.4	72.5	17.1	10.4	677	733	1,410	24.3	76.0
(Malaysia)	1997	19,888	35,879	55,767	13.8	72.8	17.2	10.0	828	856	1,685	19.5	78.6
	1998	20,556	26,785	47,341	(-)15.1	75.3	13.1	11.6	894	926	1,820	8.0	88.2
	1999	26,741	34,229	60,970	28.8	81.5	10.0	8.5	1,242	1,308	2,550	40.1	88.3
	2000	27,814	37,463	65,277	7.1	82.9	9.9	7.2	1,569	1,638	3,207	25.7	88.9
	2001	...	...	70,149	...	...	...	...	...	...	3,759	17.2	...
Singopore(a)	1996	134,593	179,572	314,165	2.8	55.7	2.7	41.6	6,461	6,483	12,944	9.3	91.5
(Singapore)	1997	139,272	188,234	327,506	4.2	56.7	3.7	39.6	7,046	7,089	14,135	9.2	91.7
	1998	...	...	312,322	(-)4.6	55.4	3.9	40.7	...	...	15,136	7.1	92.7
	1999	...	...	326,044	4.4	57.8	4.0	38.2	...	...	15,945	5.3	93.6
	2000	...	...	325,591	(-)0.1	61.3	3.9	34.8	...	...	17,087	7.2	93.1
	2001	...	...	313,487	(-) 3.7	59.4	4.3	36.3	...	...	15,571	(-) 8.9	92.0

Table 4.3 (Contd...) Cargo Traffic - For Selected Ports in Asia - 1996-2001

Port	Year	Cargo Traffic ('000 Tonnes)				Percentage distribution of cargo			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	1996	...	...	30,560	7.8	71.1	7.9	21.0	1,123	1,124	2,247	8.4	88.5
(UAE)	1997	...	...	35,988	17.8	67.5	8.7	23.8	1,299	1,301	2,600	15.7	90.0
	1998	...	...	36,420	1.2	69.0	8.3	22.8	1,410	1,395	2,804	7.8	87.6
	1999	...	...	39,703	9.0	68.1	7.6	24.3	...	...	2,845	1.4	85.8
	2000	...	...	44,328	11.6	61.7	9.5	28.8	...	...	3,059	7.5	89.0
	2001	...	...	46,710	5.4	66.2	8.6	25.2	...	...	3,502	14.5	89.0
Manila	1996	18,050	40,657	58,707	23.7	57.3	...	...	0	0	0	16.6	66.7
(Philipines)	1997	19,095	38,622	57,717	(-)1.7	61.4	...	...	0	0	0	7.4	70.3
	1998	19,007	34,717	53,724	(-)6.9	56.9	...	...	0	0	0	(-) 12.4	76.6
	1999	20,298	39,563	59,861	10.1	57.6	...	...	0	0	0	15.8	74.8
	2000	13,317	29,458	42,775	(-)28.5	78.7	...	...	1,137	1,155	2,292	6.8	80.1
	2001	13,125	28,738	41,863	...	...	...	...	1,143	1,153	2,296	...	...
Colombo	1996	7,485	13,400	20,885	19.9	81.7	3.4	15.0	671	685	1,356	29.3	87.0
(Sri Lanka)	1997	9,472	15,645	25,117	20.3	84.4	2.7	12.9	841	847	1,687	24.4	89.3
	1998	9,137	15,661	24,798	(-)1.3	83.4	3.7	12.9	862	852	1,714	1.6	89.4
	1999	8,896	15,918	24,814	0.1	82.3	3.6	14.1	850	855	1,704	(-) 0.6	88.9
	2000	8,841	16,381	25,222	1.8	80.3	4.7	15	868	865	1,733	1.7	89.5
	2001	...	...	...	...	...	...	...	...	...	1,727	(-) 0.3	...
Busan(b)	1996	41,723	55,874	97,598	27.9	69.2	12.3	0.7	1,981	2,309	4,290	5.3	97.3
(South Korea)	1997	47,099	59,543	106,643	9.3	69.2	11	0.6	2,136	2,579	4,715	9.9	98.5
	1998	51,934	44,498	96,433	(-)9.6	75.2	9.4	0.3	2,385	2,788	5,173	9.7	99.4
	1999	50,888	56,869	107,757	11.7	77.1	9	0.3	2,406	3,121	5,527	6.8	97.6
	2000	49,817	67,412	117,229	8.8	...	...	...	...	...	...	...	...
	2001	...	...	126,337	...	...	...	...	...	...	8,073	...	...
Bangkok(c)	1996	7,851	9,114	16,965	(-)6.6	99.8	0.2	-	666	629	1,295	(-) 11.5	79.2
(Thailand)	1997	6,697	8,004	14,701	(-)13.3	100.0	-	-	551	548	1,099	(-) 15.2	77.7
	1998	7,606	5,318	12,923	(-)12.1	100.0	-	-	582	532	1,114	1.3	83.4
	1999	7,224	5,621	12,845	(-)0.6	87.2	12.8	-	554	499	1,053	(-) 5.0	96.4
	2000	7,137	6,111	13,248	3.1	...	...	...	561	512	1,074	1.4	...
	2001	...	...	13,359	0.8	...	...	...	562	508	1,073	(-) 0.1	...

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

Source : Shipping Statistics Year Book 2001 by ISL & official Websites of the Ports..

SECTION – 5

GENERAL STATISTICS

Table 5.1 Gross Domestic Product by Economic Activity (at 1993-94 prices)

(Rs. in Crores)

Industry	Gross Domestic Product				
	1997-98	1998-99	1999-00	2000-01(P)	2001-02(Q)
1	2	3	4	5	6
1. Agriculture, forestry, fishing, mining and quarrying	295050	312485	314253	313806	330272
2. Manufacturing, electricity, gas, water supply and construction	256121	265956	279130	298689	309291
3. Trade, hotels, transport, storage and communication	218822	235757	255817	273380	297213
4. Financing, insurance, real estate & business services	122784	131892	145863	150910	157701
5. Public administration, defence & other community, social & personal sevices	123817	136658	153379	161900	170952
6. GDP at factor cost (1 to 5)	1016594 (4.79)	1082748 (6.51)	1148442 (6.07)	118685 (4.37)	1265429 (5.57)

Figures in parentheses represent percentage change
(P) : Provisional.
Q : Quick estimates.
Source: Central Statistical Organisation, Govt. of India/
Economic Survey, 2002-03, Ministry of Finance, Govt. of India.

Table 5.2 India's Foreign Trade

Year	Exports			Imports			Trade Balance		
	Oil	Non-oil	Total	Oil	Non-oil	Total	Oil	Non-oil	Total
1	2	3	4	5	6	7	8	9	10
									(US $ Million)
1990-91	522.70	17622.50	18145.20	6028.10	18044.40	24072.50	-5505.40	-421.90	-5927.30
1991-92	414.70	17450.70	17865.40	5324.80	14085.70	19410.50	-4910.10	3365.00	-1545.10
1992-93	476.20	18061.00	18537.20	6100.00	15781.60	21881.60	-5623.80	2279.40	-3344.40
1993-94	397.80	21840.50	22238.30	5753.50	17552.70	23306.20	-5355.70	4287.80	-1067.90
1994-95	416.90	25913.60	26330.50	5927.80	22726.50	28654.30	-5510.90	3187.10	-2323.80
1995-96	453.70	31341.20	31794.90	7525.80	29149.50	36675.30	-7072.10	2191.70	-4880.40
1996-97	481.80	32987.90	33469.70	10036.20	29096.20	39132.40	-9554.40	3891.70	-5662.70
1997-98	352.80	34653.70	35006.50	8164.00	33320.50	41484.50	-7811.20	1333.20	-6478.00
1998-99	89.40	33129.30	33218.70	6398.60	35990.10	42388.70	-6309.20	-2860.80	-9170.00
1999-00	38.90	36783.30	36822.20	12611.40	37059.30	49670.70	-12572.50	-276.00	-12848.50
2000-01	1869.70	42690.60	44560.30	15650.10	34886.40	50536.50	-13780.40	7804.20	-5976.20
2001-02	...	...	43827.00	...	...	51413.00	...	...	-7587.00
									(Rupees Crore)
1990-91	937.80	31619.83	32557.63	10816.11	32376.75	43192.86	-9878.31	-756.92	-10635.23
1991-92	1022.27	43019.54	44041.81	13126.72	34724.12	47850.84	-12104.45	8295.42	-3809.03
1992-93	1379.25	52309.00	53688.25	17141.70	46232.62	63374.32	-15762.45	6076.38	-9686.07
1993-94	1247.79	68503.60	69751.39	18046.19	55054.82	73101.01	-16798.40	13448.78	-3349.62
1994-95	1308.98	81365.13	82674.11	18612.55	71358.11	89970.66	-17303.57	10007.02	-7296.55
1995-96	1517.75	104835.59	106353.34	25173.60	97504.54	122678.14	-23655.85	7331.05	-16324.80
1996-97	1710.35	117106.73	118817.08	35628.52	103291.16	138919.68	-33918.17	13815.57	-20102.60
1997-98	1310.99	128789.65	130100.64	30341.19	123835.11	154176.30	-29030.20	4954.54	-24075.66
1998-99	376.22	139376.92	139753.14	26919.28	151412.57	178331.85	-26543.06	-12035.65	-38578.71
1999-00	168.45	159392.94	159561.39	54648.60	160587.87	215236.47	-54480.15	-1194.93	-55675.08
2000-01	8541.67	195029.34	203571.01	71496.52	159376.24	230872.76	-62954.85	35653.10	-27301.75
2001-02	...	...	209018.00	...	...	245200.00	...	...	-36182.00

Source: 1) Handbook of Statistics on Indian Economy - Reserve Bank of India 2001

2) Reserve Bank of India Bulletin-December, 2002.

Note : ... indicates data not available.

Table 5.3 **Import of Principal Commodities**

Commodity	(US$ Million)			(Rupees crore)		
	1999-00	2000-01	2001-02 (P)	1999-00	2000-01	2001-02 (P)
1	3	3	4	6	6	7
I Bulk Imports	19646.10	21008.51	20481.44	85131.79	95976.12	97679.80
A. Petroleum, Crude and Products	12611.40	15650.09	14000.25	54648.60	71496.50	66769.85
B. Bulk Consumption Goods	2416.90	1443.22	2044.28	10473.05	6593.26	9749.56
1. Cereals and Cereal Preparations	221.90	19.08	18.20	961.50	87.17	86.80
2. Edible Oils	1856.80	1308.22	1357.56	8046.05	5976.52	6474.46
3. Pulses	81.90	109.11	661.68	354.69	498.46	3155.68
4. Sugar	256.30	6.81	6.84	1110.80	31.11	32.62
C. Other Bulk Items	4617.80	3915.20	4436.91	20010.14	17886.36	21160.47
1. Fertilizers	1399.10	751.84	673.27	6062.74	3434.74	3210.95
a) Crude	204.20	222.27	165.88	884.68	1015.43	791.11
b) Sulpher and Unroasted Iron Pyrities	116.00	89.02	57.45	502.47	406.68	273.99
c) Manufactured	1079.00	440.55	449.94	4675.59	2012.63	2145.85
2. Non Ferrous Metals	546.90	533.83	646.30	2369.84	2438.77	3082.33
3. Paper, Paperboards, Mgfs. Incl. News Prints	447.20	643.90	673.71	1937.95	2941.62	3213.05
4. Crude Rubber, incl. Synthetic and Reclaimed	143.30	151.90	174.27	620.92	693.95	831.13
5. Pulp and Waste Paper.	255.20	281.70	294.26	1105.64	1286.93	1403.38
6. Metalliferrous Ores, Metal Scrap, etc.	874.50	774.20	1143.04	3789.25	3536.89	5451.37
7. Iron and Steel	951.70	777.83	832.06	4123.79	3553.47	3968.25
II. Non-Bulk Imports	**30024.60**	**28966.24**	**30605.82**	**130104.68**	**132330.53**	**145964.97**
A. Capital Goods	8965.50	8941.07	9315.16	38849.90	40846.74	44425.77
1. Manufactures of Metals	405.00	390.29	407.45	1755.17	1783.02	1943.21
2. Machine Tools	261.50	219.07	192.70	1133.02	1000.81	919.02
3. Machinery except Electrical and Electronic	2745.00	2700.70	2964.27	11894.71	12324.88	14137.17
4. Electrical Machinery except Electronic	437.80	480.95	593.19	1897.26	2197.19	2829.04
5. Electronic Goods	2796.60	3508.51	3774.50	12118.37	16028.42	18001.31
6. Computer Goods	197.00	186.00	206.02	853.70	849.73	982.55
7. Transport Equipment	1136.60	700.27	613.08	4925.07	3199.14	2923.90
8. Project Goods	986.00	747.20	563.95	2472.61	3413.54	2689.58
B. Mainly Exported Related Items	9117.30	8058.61	8229.43	39507.57	36815.28	39247.72
1. Perals, Precious and Semi-Precious Stones	5436.00	4807.66	4622.47	23555.78	21963.51	22045.44
2. Organic and Inorganic Chemicals	2866.30	2443.88	2771.44	12420.28	11164.72	13217.52
3. Textile Yarn, Fabrics, Made-ups, etc,	538.40	596.75	745.12	2333.24	2726.22	3553.62
4. Cashew Nuts	276.50	210.32	90.40	1198.26	960.83	431.13
C. Others	11941.80	11966.56	13061.23	51747.22	54668.51	62291.49
1. Articificial Resins and Plastic Materials,	719.50	554.86	673.26	3117.68	2534.84	3210.90
2. Professional, Scientific Controlling Instruments, Photographic Optical Goods	844.50	878.84	1037.42	3659.58	4014.93	4947.65
3. Coal, Coke and Briquittes, etc.	1008.10	1103.09	1136.81	4368.36	5039.40	5421.66
4. Medical and Phamacuitical Products	373.00	374.70	419.58	1616.22	1711.79	2001.06
5. Chemical Materials and Products.	360.80	334.55	442.42	1563.26	1528.37	2109.99
6. Non-Metallic Mineral Manufactures	163.90	173.71	427.49	710.11	793.58	2038.78
7. Others	8472.10	8546.81	8924.25	36712.02	39045.59	42561.44
Toal Imports	**49670.70**	**49974.75**	**51087.26**	**215236.47**	**228306.65**	**243644.85**

P: Provisional

Source: 1) Economic Division, Ministry of Commerce
2) Handbook of Statistics on Indian Economy - 2001, Reserve Bank of India

Table 5.4 Export of Principal Commodities

Commodity	(US$ Million)			(Rupees crore)		
	1999-00	2000-01	2001-02 (P)	1999-00	2000-01	2001-02 (P)
1	2	3	4	5	6	7
1. Primary Products	6524.20	7126.19	7065.16	28270.94	32555.57	33695.09
A. Agriculture and Allied Products	5608.00	5973.20	5854.83	24301.17	27288.21	27922.80
1. Tea	411.90	391.54	358.72	1784.67	1788.73	1710.80
2. Coffee	331.10	259.36	228.17	1434.85	1184.87	1088.19
3. Rice	721.40	641.84	663.31	3125.92	2932.21	3163.45
4. Cotton Raw incl. Waste	17.80	48.39	9.17	77.07	221.07	43.73
5. Tobacco	232.80	189.83	168.98	1008.92	867.23	805.90
6. Cashew incl. Cashew Nut Shell Liquid	567.90	449.49	373.57	2460.68	2053.47	1781.63
7. Spices	407.90	354.11	310.47	1767.43	1617.73	1480.69
8. Oil Meals	378.00	447.57	471.99	1637.86	2044.70	2251.01
9. Fruits and Vegitables	148.40	184.59	205.24	642.91	843.29	978.83
10. Processed Fruits, Juices, misc.					0.00	0.00
Processed items	196.90	288.44	299.08	853.29	1317.72	1426.37
11. Marine Products	1182.60	1393.76	1213.99	5124.56	6367.31	5789.75
12. Sugar and Mollases	9.30	110.56	373.56	40.26	505.09	1781.58
13. Meat and Meat preparations	189.10	321.71	250.20	819.43	1469.71	1193.25
14. Others	813.10	892.01	928.38	3523.31	4075.09	4427.62
B. Ores and Minerals	916.10	1152.99	1210.33	3969.78	5267.37	5772.29
1. Iron Ore	271.20	357.63	402.21	1175.32	1633.81	1918.22
2. Mica	9.80	9.11	11.58	42.32	41.62	55.23
3. Others	635.10	786.26	796.54	2752.13	3591.98	3798.85
II. Manufactured Goods	29714.40	34325.54	33121.40	128760.68	156814.17	157962.25
1. Leather and Manufactures	1590.20	1944.44	1905.55	6890.87	8883.06	9087.93
2. Chemicals and Allied Products	3409.00	4034.12	4039.69	14772.24	18429.64	19266.05
3. Plastic and Linoleum Products	603.80	915.21	970.70	2616.33	4181.08	4629.45
4. Rubber, Glass, Paints, Enamels and Products	679.60	1227.75	1288.47	2944.80	5608.90	6144.96
5. Engineering Goods	5152.10	6818.61	6874.65	22325.34	31150.41	32786.51
6. Readymade Garments	4765.10	5568.89	4987.36	20648.48	25441.14	23785.67
7. Textile Yarn, Fabrics, Made-ups etc.	4188.70	4925.13	4440.26	18150.80	22500.16	21176.44
a) Cotton Yarn, Fabrics, Made-ups etc.	3089.60	3460.69	3031.02	13388.24	15809.95	14455.51
b) Natural Silk Yarn, Fabrics, Made-ups etc.	237.70	306.88	274.57	1030.06	1401.96	1309.48
c) Others	861.40	1157.56	1134.67	3732.49	5288.24	5411.46
8. Jute Manufacture	125.70	151.23	127.93	544.59	690.89	610.12
9. Coir and Manufactures	46.10	48.34	61.65	199.97	220.84	294.02
10. Handicrafts	8669.60	8492.44	8222.92	37567.55	38797.20	39216.67
a) Gems and Jewellery	7502.30	7384.01	7305.71	32509.43	33733.41	34842.32
b) Carpets (Handmade excl. Silk)	498.60	446.92	369.30	2160.75	2041.73	1761.26
c) Works of Art (excl. Floor Coverings)	668.60	661.51	547.91	2897.37	3022.07	2613.09
11. Sports Goods	67.00	64.62	68.15	290.16	295.21	325.02
12. Others	417.60	134.76	134.07	1809.56	615.64	639.41
III. Petroleum Products	38.90	1892.43	2125.44	168.45	8645.45	10136.63
IV. Others	544.90	731.38	1249.15	2361.32	3341.27	5957.43
Total Exports	36822.40	44075.54	43561.15	159561.39	201356.46	207751.40

P: Provisional
Source: 1) Economic Division, Ministry of Commerce
2) Handbook of Statistics on Indian Economy - 2001, Reserve Bank of India

Table 5.5 Share of Sea-borne Trade in the Total Foreign Trade (Value In Rs. Crore)

Year	Total Exports Including Re-exports	Share of Sea Borne in Exports (In Percentage)	Total Imports	Share of Sea Borne in Imports (In Percentage)	Share Of Sea Borne Trade To Total Foreign Trade (In Percentage)
1	2	3	4	5	6
1981-82	7806	79.2	13606	91.9	87.2
1982-83	8803	79.0	14293	86.5	83.7
1983-84	9771	74.4	15831	85.4	81.2
1984-85	11744	77.3	17134	87.7	83.6
1985-86	10895	71.7	19658	87.9	82.2
1986-87	12569	65.8	20201	82.7	76.1
1987-88	15674	62.1	22244	77.2	71.0
1988-89	20232	59.7	28235	72.9	67.4
1989-90	27681	59.5	35416	69.6	65.2
1990-91	32553	67.3	43193	81.1	75.1
1991-92	44042	66.6	47851	80.8	74.0
1992-93	53688	64.9	63375	78.0	72.0
1993-94	69751	66.1	73101	96.0	81.4
1994-95	82673	64.3	89971	79.8	72.4
1995-96	106353	63.7	122678	80.7	72.8
1996-97	118817	67.4	138920	82.4	75.5
1997-98	130101	64.4	154176	74.7	70.0
1998-99	139752	62.2	178332	67.9	65.4
1999-00	159095	58.4	215528	68.8	64.4
2000-01	129940	64.5	156166	68.4	66.6
2001-02(P)	132751	63.9	166687	68.4	66.3

P) : Provisional

Source : Ministry Of Commerce (DGCI&S)(March,2002 Issue)

Table 5.6 Transport Sector - Outlay And Expenditure Under The Plans

(Rs. In Crore)

Sector	Sixth Plan (1980-85)		Seventh Plan (1985-90)		Eighth Plan (1992-97)		Ninth Plan (1997-02) (C)		Tenth Plan (2002-07) (C)		Annual Plan (2002-03) (C)	
	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
1. Railway	5100	6585	12334	16549	27202	32302	45413	46405	60600		12330	
2. Roads	3439	3887	5200	6335	12833	16140	8862	16284	59490		12070	
3. Road Transport	1196	1276	1990	2151	4119	3538	60	43	210		30	
4. Ports (including minor ports)	647	725	1230	1513	3557	2302	9813	5092	6196		1224	
5. Shipping	755	468	827	720	3669	3033	5912	2425	7121		1436	
6. I.W.T.	72	63	226	188	331	152	408	202	903		60	
7. Light Houses & Light ships	12	(a)	30	(a)	57	25	(a)	(a)	(a)		(a)	
8. Civil Air Transport	859	957	758	1948	4083	7249	11113	6600	12928		2521	
9. Other Transport (b)	-	-	49	72	239	244	...	...	...		...	
10. Total Transport Sector	12080	13961	22644	29476	56090	64985	81581	77051	147448		29672	
11. Share of Ports & LH & LS in the transport sector (%)	5.5	5.2	5.6	5.1	6.4	3.6	12.0	6.6	4.2		4.1	

(a) : Included in Ports
(b) : Farakka Barage & Hooghly River Training Projects
(C) : Centre Sector only.
Sources : 1. Compendium of Transport Statistics, June 1994, Planning Commission
2. Planning commission.

Table 5.7 Outlay And Expenditure - Port Sector(Central)

(Rs. In Crore)

Port	9th Plan (1997-2002)	Annual Plan (1997-98)		Annual Plan (1998-99)		Annual Plan (1999-2000)		Annual Plan (2000-2001)		Annual Plan (2001-2002)	
	App. Outlay	App. Outlay	Actual Exp.	App. Outlay	Actual Exp.	App. Outlay	Actual Exp.	App. Outlay	Actual Exp.	App. Outlay	Actual Exp.
1	2	3	4	5	6	7	8	9	10	11	12
KoPT(a)	545.00	45.22	28.11	30.10	61.36	30.00	82.28	279.14	49.19	92.18	11.80
MoPT	1208.00	156.24	75.61	110.90	55.46	223.10	211.21	217.99	127.85	91.21	68.12
JNPT	700.00	94.86	106.75	70.50	21.16	50.00	50.51	101.70	30.82	81.30	16.27
ChPT	1500.00	228.38	123.10	170.00	225.86	379.00	302.10	228.50	194.78	147.26	244.88
CoPT	380.00	16.21	10.04	10.00	19.93	20.00	22.76	26.00	16.38	61.24	10.77
VPT	900.00	70.50	55.29	50.00	51.30	51.80	91.25	138.40	97.44	90.00	67.52
EPL	-	-	-	-	-	-	-	-	-	2.00	-
KPT	560.00	85.08	50.90	65.50	50.19	71.80	63.38	109.93	39.68	100.98	53.43
MoPT	360.00	15.42	7.78	15.00	31.05	30.00	25.50	50.21	15.32	59.16	28.91
PPT	1200.00	224.84	117.62	120.00	199.73	344.00	235.96	275.52	132.52	91.50	53.65
NMPT	640.00	31.44	20.58	30.00	14.31	44.00	44.55	90.00	94.57	74.00	32.58
TPT	550.00	34.18	16.07	55.00	48.36	170.00	194.38	72.60	24.30	69.35	29.71
Others (e)	885.00	339.85	95.35	227.00	126.87	190.00	151.46	367.18	305.55	146.75	109.05
SV	-	30.00	30.00	30.00	84.77	20.00	20.00	50.00	45.00(d)	45.00	12.44
Total	9428.00(b)	1372.22	737.20	984.00	987.85	1623.70	1495.34	2007.17(c)	1173.40	151.93	739.13

(a) Includes Haldia and RR Schemes.

(b) Excluding provision for survey vessels (Rs. 660.38 crore)

(c) Out of this, Rs.52.99 crore was transferred for the Pool of N.E.States leaving the outlay at Rs.1954.18 crore.

(d) Revised Estimates.

(e) Includes DCI, ALHW, R&D Studies, MPSO, Training, Development of Minor Ports, Tariff Authority, Privatisation, Monitoring/Planning.

S.V.: Survey Vessels

App.Outlay: Approved Outlay

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

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 1951-56	Actual	-	1.62	1.62
II Plan 1956-61	Actual	-	4.78	4.78
III Plan 1961-66	Actual	-	8.66	8.66
Annual Plans 1966-69	Actual	-	6.92	6.92
IV Plan 1969-74	Outlay	20.00	15.00	35.00
	Expenditure	5.01	12.26	17.27
V Plan 1974-79	Outlay	22.38	23.77	46.15
	Expenditure	8.15	17.56	25.71
1978-79	Expenditure	2.04	8.16	10.20
1979-80	Outlay	2.30	6.21	8.51
	Expenditure	20.00	72.18	92.18
VI Plan 1980-85	Outlay	-	10.92	10.92
	Expenditure	1.00	125.63	126.63
VII Plan 1985-90	Outlay	20.00	162.50	182.50
	Expenditure	-	48.18	48.18

Table 5.8(Contd...) **Outlay And Expenditure on Non-Major Ports** (Rs. In Crore)

Plan/Year		Central Scheme	State/Union Territories	Total
1		2	3	4
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	-	394.63	394.63
1992-93	Outlay	-	59.79	59.79
	Expenditure		42.82	42.82
1993-94	Outlay	-	54.94	54.94
	Expenditure	-	99.18	99.18
1994-95	Outlay	-	78.58	78.58
	Expenditure		66.89	66.89
1995-96	Outlay	-	67.27	67.27
	Expenditure	-	126.24	126.24
1996-97	Outlay	-	67.58	67.58
	Expenditure	-	59.50	59.50
1997-98	Outlay	-	49.64	49.64
	Expenditure	-	32.95	32.95
1998-99	Outlay	-	40.06	40.06
	Expenditure	-	45.08	45.08
1999-2000	Outlay	-	42.36	42.36
	Expenditure	-	24.78	24.78
2000-01	Outlay	-	23.87	23.87
	Anticipated Ex	-	14.81	14.81

Table 5.9 Total Containers Handled By CONCOR - 2000-01 & 2001-02

(TEUs)

Region/ Year	INTERNATIONAL							DOMESTIC		
	OUTWARD			INWARD			TOTAL	ISO Cont.	IRS Cont.	TOTAL
	LDD	MTY	TOTAL	LDD	MTY	TOTAL	INTER.	TOTAL	TOTAL	DOMESTIC
1	2	3	4	5	6	7	8	9	10	11
NORTHERN										
2000-01	148381	13037	161418	123599	54989	178588	340006	...	...	...
2001-02	178054	30962	209016	153770	64786	218556	427572	...	...	124688
WESTERN										
2000-01	65197	47706	112903	46423	63085	109508	222411	...	...	...
2001-02	44961	54461	99422	47123	40101	87224	186646	...	...	17515
SOUTHERN										
2000-01	45213	20564	65777	34577	29863	64440	130217	...	...	...
2001-02	51293	13639	64932	31193	31743	62936	127868	...	...	64312
SOUTHCENTRAL										
2000-01	7557	967	8524	3478	5104	8582	17106	...	...	...
2001-02	9044	608	9652	4431	6679	11110	20762	...	...	22617
EASTERN										
2000-01	3506	4235	7741	3357	3611	6968	14709	...	...	...
2001-02	3136	3897	7033	3031	2973	6004	13037	...	...	59972
CENTRAL										
2000-01	12071	2262	14333	8006	6580	14586	28919	...	...	...
2001-02	13321	6521	19842	13426	7150	20576	40418	...	...	7421
NORT WEST REGION										
2000-01	...	...	...	...	...	...	...	...	...	...
2001-02	41967	1933	43900	8957	35898	44855	88755	...	...	30250
ALL REGION										
2000-01	281925	88771	370696	219440	163232	382672	753368	...	...	...
2001-02	341776	112021	453797	261931	189330	451261	905058	...	...	326775

MTY : Empty

LDD : Loaded

ISO : International Standard Organisation.

IRS : Indian Railways Standard.

Source : Container Corporation Of India

APPENDICES

Appendix - 1

PORT ORGANISATION IN INDIA

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

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

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

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

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

6. Ports mainly derive their revenue from cargo handled charges on the ships visiting them, and other related charges. The main sources of revenue from cargo traffic are (I) Wharfage/landing fees, cargo related charges, (ii) Crane hire charges, (iii) Rentals from warehouses, (iv) Demurrage charges, (v) Charges for providing rail and other transport

for the cargo movement and providing water facilities for the visiting ships. Similarly the main sources of revenue from ship traffic are (I) Port dues, (ii) Pilotage, (iii) Berth-hire, (iv) Survey and measuring fees, (v) Ship repairs in dock areas.

7. The main activities of the Ports relate to (I) Maintenance of Port approaches, navigable channels and along side berths, dredging, conservancy, hydrographic surveys, (ii) Light houses and light vessels under the Port, (iii) Pilotage, towage, berthing and unberthing of visiting ships, (iv) Handling warehousing and transportation of goods in Port area, (v) Civil, mechanical and electrical engineering and maintenance of harbour crafts and plants, (vi) Fire-fighting and fumigation, (vii) Storage, (viii) Medical, welfare & housing services, (ix) Management of port properties and estates.

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

9. Major Development in port sector

a) **Privatisation of port facilities** : The Government has laid down guidelines for private sector participation in the port sector. Following areas have been identified.
   i) Leasing out assets of the port.
   ii) Construction and operation of container terminals, multipurpose cargo berths and specialised cargo berths, warehousing, storage facilities, tank farms, container freight stations, setting up of captive power plants etc.
   iii) Leasing of equipment for cargo handling and leasing of floating crafts from the private sector.
   iv) Pilotage.
   v) Captive facilities for port based industries.

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

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

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

e) **Corporatisation of Major Ports** : A Bill to amend the Major Port Trust Act, 1963 has been introduced in Lok Sabha on 31st August, 2001 which will provide an enabling provision in the Act for converting Port Trusts into companies. In the process of corporatisation of Port Trusts, the assets and liabilities of the Ports, except land and waterfront will be transferred to the successor I companies which will be companies registered under the Companies Act, 1956. The Bill is under consideration of Department related Parliamentary Standing Committee on Transport and Tourism.

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