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BASIC PORT STATISTICS OF INDIA

2022-23



भारत सरकार
GOVERNMENT OF INDIA
पत्तन, पोत परिवहन और जलमार्ग मंत्रालय
MINISTRY OF PORTS, SHIPPING & WATERWAYS
परिवहन अनुसंधान प्रभाग
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PREFACE

“**Basic Port Statistics of India**” is an annual publication of the Ministry of Ports, Shipping and Waterways. This publication is a premier source of information on the port performance in the country (covering both Major & Non-Major Ports) and provides consistent and comparable time series data with an analytical perspective.

The edition covers the latest available data for financial year 2022-23 and is divided into three Sections. Section-I contains performance of the Indian Port Sector in terms of cargo traffic & performance indicators in the backdrop of India’s broad macro performance and global developments. Section-II contains key tables presented in Five Parts and; Section-III contains the Appendices, which include a brief on the organization of Major Ports and the definitions of terms used in the port sector.

The Transport Research Wing (TRW) in the Ministry of Ports, Shipping and Waterways has prepared this edition of the publication. I would like to complement the efforts made by the officials in TRW in bringing out this edition in time.

I would take this opportunity to thank the Major Ports and various State Maritime Boards/State Governments for their contribution in providing information for the publication. Suggestions from the users of the information are welcome to enable further improvements in the quality and coverage of this publication in further.


(T. K. Ramachandran)

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Abbreviation Used

...	Not Available
-	Nil
ALHW	Andaman & Lakshadweep Harbour Works
ChPT	Chennai Port Trust
Conv.	Conventional
CoPT	Cochin Port Trust
DCI	Dredging Corporation of India
DLB	Dock Labour Board
DWT	Dead Weight Tonnage
EDC	Ethylene Dichloride
FLT	Fork Lift Truck
FO	Furnace Oil
FRM	Fertiliser Raw Material
GAPL	Gujarat Adani Ports Ltd.
GPPL	Gujarat Pipavav Port Ltd.
GRT	Gross Registered Tonnage
HDC	Haldia Dock Complex
HR Coil	Hot Rolled Coil
HSD	High Speed Diesel
ICD	Inland Container Depot
JNPT	Jawahar Lal Nehru Port Trust
KDS	Kolkata Dock System
KoPT	Kolkata Port Trust
KPT	Kandla Port Trust
L	Loaded
LDO	Light Diesel Oil
LH&LS	Light House & Light Ships
LOA	Length Overall
MbPT	Mumbai Port Trust
MoPT	Mormugao Port Trust
MOU	Memorandum of Understanding
MPSO	Minor Ports Survey Organisation
Mech.	Mechanical
Neg./N	Negligible
NMPT	New Mangalore Port Trust
NSICT	Nhava Sheva International Container Terminal
P	Provisional
POL	Petroleum, Oil & Lubricant
PPT	Paradip Port Trust
R&D	Research & Development
RCC	Reinforced Cement Concrete
RMQC	Rail Mounted Quay Crane
Ro-Ro	Roll On-Roll Off
RTG/RTGC	Rubber Tyred Gantry Crane
SKO	Superior Kerosene Oil
SPM	Single Point Mooring
T	Tonnes
TEU	Twenty Tonnes Equivalent Unit
TLT	Top Lift Truck
TPT	Tuticorin Port Trust
UL	Unloaded
VPT	Visakhapatnam Port Trust

SECTION – I

MACRO ECONOMIC DEVELOPMENT AND PERFORMANCE OF INDIAN PORTS - HIGHLIGHTS

Port Sector at a Glance: Macro Indicators

Item	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
1	2	3	4	5	6	7
1. No. of Ports (Number)						
Major Port	12	12	12	12	12	12
Non-Major Port	205	212	212	212	217	217
Total	217	224	224	224	229	229
2. Cargo Handled (Million Tonnes)						
Major Port	679.47	699.17	704.93	672.68	720.05	784.31
Non-Major Port	529.09	582.61	615.05	577.30	603.75	651.02
Total	1208.56	1281.78	1319.97	1249.99	1323.80	1435.32
3. Containers						
Major ('000 TEUs)	9138	9877	9892	9610	11225	11425
('000 Tonnes)	133726	145523	146861	143710	167381	170284
4. Passenger Traffic ('000 Nos.)						
Major Port	422	522	710	44	235	522
Non-Major Port	24162	24551	21005	9812	14951	29551
Total	24584	25073	21715	9856	15186	30072
5. Employment ('000 Nos.)						
Major Port	32	29	26	23	22	19
Non-Major Port	5	5	5	10	10	15
6. Financial Performance - Major Ports (Rs.Crore)						
a) Total Revenue	14924.23	15391.76	16249.19	16851.38	17671.49	20718.38
b) Total Expenditure	12235.02	13037.53	11837.73	12298.58	13721.75	13668.53
7. Performance Indicators- Major Ports						
a) Total Cargo Vessels Sailed(Nos.)	22091	21872	21803	20371	20977	22554
b) Av. Turn Round Time (Hours)	69.84	65.52	50.88	52.32	53.34	51.48
c) Av. Pre-berthing Detention (Hours)	33.36	26.40	22.8	24.96	18.82	19.29
On Port Account	12.72	8.16	6.96	5.54	6.14	8.84
On Non Port Account	18.96	18.24	15.84	24.87	18.96	19.6
d) Output per ship berth day (Tonnes)	20581	21839	21914	19171	21002	22730
Container	23716	26737	27078	26640	29194	30232
Break-Bulk	4946	4699	5143	4349	3938	4586
Dry Bulk- Mechanical	30894	29820	29594	29303	30300	31439
Conventional	17977	19243	18409	18738	19533	20118
Liquid Bulk	24740	25818	26180	19838	25272	26227

A . GLOBAL ENVIRONMENT & SEA-BORNE TRADE

1. Overview of World Economic Trends Related to Seaborne Trade

1.1 The global shipping continues to confront multiple challenges, including heightened trade policy and geopolitical tensions and is dealing with changes in globalization patterns. Additionally, shipping must transition to a more sustainable future, decarbonize and embrace digitalization. Being at the intersection of these forces will influence how the sector adapts to the evolving operational and regulatory landscape while continuing to effectively service global trade.

Maritime trade volume contracted marginally by 0.4 per cent in 2022, but UNCTAD projects it will grow by 2.4 per cent in 2023. Indeed, the industry remains resilient and UNCTAD expects continued but moderated growth in maritime trade.

1.2 During 2022, containerized trade, measured in metric tons, declined by 3.7 per cent. UNCTAD projects it will increase by 1.2 per cent in 2023 and expand by over 3 per cent during the 2024–2028 period, although this rate is below the long-term growth of about 7 per cent over the previous three decades.

1.3 In 2022, seaborne trade, in particular dry bulk and tanker shipments, has been impacted by the war in Ukraine. The war led to changes in shipping patterns and increased the distances travelled for commodities, especially oil and grain. Growth in ton-miles exceeds growth in tons in 2022, 2023 and for 2024 projections.

1.4 In 2022, oil and gas trade volumes witnessed robust annual growth rates, of 6 per cent and 4.6 per cent, respectively. The increase can be attributed to heightened demand for fuel as the pandemic eased and related restrictions were lifted. As spending on energy-intensive services like transport and travel gradually recovered, a return to normalcy contributed to the surge in oil demand. In contrast, containerized and dry bulk shipments declined in 2022. Weakened containerized trade reflects the slowdown in global economic growth, high inflation and normalizing of demand after the unusual surge during the COVID-19 pandemic.

1.5 In 2023, oil cargo distances reached long-term highs, driven by disruptions from the war in Ukraine. Crude oil and refined products travelled longer distances, as the Russian Federation sought new export markets for its cargo and Europe looked for alternative energy suppliers

1.6 Containerized trade distances have tumbled since 2020 but increased marginally in 2023. Intra-Asian containerized trade, which accounts for the majority of intraregional trade, saw its share increase over the years. As intra-Asian trade is carried over shorter distances, the average distances travelled per ton of container cargo of global containerized trade are relatively low. The predominance of intra-Asian containerized trade flows reflects global manufacturing patterns with China continuing to serve as the leader in global manufacturing, supported by neighbouring East

Asian countries. It also reflects the growing participation of several East Asian countries in regional and global value chains.

1.7 International seaborne trade volume contracted by 0.4 per cent in 2022, reaching 12,027 million tons, down from 12,072 million tons in 2021. This drop in performance comes after a strong rebound in 2021 but is dwarfed by the sharp decline observed in 2020 at the onset of the COVID-19 pandemic. The 2022 performance reflects the normalization that followed the extraordinary market surge in 2021.

1.8 During 2022, containerized trade, measured in metric tons, declined by 3.7 per cent. UNCTAD projects it will increase by 1.2 per cent in 2023 and expand by over 3 per cent during the 2024–2028 period, although this rate is below the long-term growth of about 7 per cent over the previous three decades. On the supply side, container shipping may have entered an overcapacity phase, meaning that carriers will aim at managing capacity using tools such as slippage, idling of vessels or demolition.

2. Seaborne Trade by Cargo Type

Crude Oil and Petroleum Products

2.1 Oil and gas trade volumes witnessed the highest annual growth rates among cargo types in 2022, at 6 per cent and 4.6 per cent respectively. In the case of oil, this growth rate, as well as the rates projected for 2023 and 2024, significantly exceeds the 10-year average compound rates of the periods 1992–2002, 2002–2012 and 2012–2022

Natural Gas and liquefied gases

2.2 This reflects greater demand for fuels with the easing of the pandemic and the return to normality leading to spending on energy-intensive services such as transport and travel, marking a recovery from the lows of 2020–2021. In addition, factors such as energy security and geopolitics have also contributed to this growth. These factors are expected to persist in 2023, leading to further growth in the energy trade and the gas trade in particular. This is primarily driven by the need for enhanced energy security and a growing environmental agenda.

Containerized Trade and Dry bulk

2.3 During 2022, containerized and dry bulk shipments declined by -3.7 and -2.9 per cent respectively in 2022. The performance of containerized trade in the second half of 2022 and the first half of 2023 largely reflects the less favourable macroeconomic trends and a return to normal after the unusual post-COVID-19 surge in container trade demand, which expanded at a solid 6.2 per cent over 2020.

Dry Bulk Shipments: Major and Minor dry bulks

2.4 In 2022, dry bulk shipments declined due to the disrupted Ukrainian exports, high energy prices (which affected various energy-intensive industries that use dry bulk commodities as an input) and trends in the Chinese economy, including the sharp decline in investment in the Chinese real estate sector. Demand for major dry bulks improved in 2023 driven by subsequent economic recovery in China. Grain and minor bulk shipments totalled 535 and 2,117 million tons respectively, representing a 3.8 and a 1.9 per cent growth rate compared to 2022. Bulk demand is projected to grow modestly within the 1.5–2.5 per cent range in 2023. Improvements in bulk trade could materialize in 2024, depending on the easing of the global macroeconomic situation, increased coal consumption and production in China and India, the pace of the energy transition, and the war in Ukraine

Distance travelled by sea of refined oil products, crude oil and grain

2.5 Seaborne trade, both in tons and in ton-miles declined in 2022. In 2023 and 2024 ton-miles are projected to grow more than tons, reflecting growth in distances travelled, with the gap between the two reducing in 2024.

Over the past decade, the average distance travelled by seaborne trade increased for oil and dry bulk commodities but fell in the case of containerized trade. The average distance travelled by one ton of grain was 5,574 nautical miles in 2002 and increased to 7,251 in 2022. For oil commodities (including crude oil and refined oil products) this measure was 3,993 nautical miles in 2002, increasing to 4,350 in 2022. The average distance travelled by one ton of dry bulk commodities (excluding grains) was 4,978 nautical miles in 2002 and increased to 5,231 in 2022. These cargo types are expected to reach long-time records in 2023, namely 7,338 nautical miles for grain, 5,253 nautical miles for other dry bulk commodities, and 4,578 nautical miles for oil cargo.

In 2022, a gap is observed between ton and ton-mile growth in the case of oil and oil products, and coal. Growth in ton-miles seems to have been heightened by the war in Ukraine in the case of these three products. In 2023, refined oil products, liquefied petroleum gas (LPG) and crude oil trade are expected to witness the largest increases in ton-miles that exceed growth in trade volumes.

Modest recovery in containerized trade in 2023

2.6 In 2022, global containerized trade volumes declined marginally by -0.7 per cent, reaching 163 million 20-foot equivalent units (TEUs), down from 164 million TEUs in 2021 and in sharp contrast to the surge in volumes recorded in 2021 (8.1 per cent), as illustrated in figure 1.6. containerized seaborne trade will grow by 1.2 per cent in 2023 and will grow modestly, as macroeconomic challenges ease, with around 3 per cent per year for containerized trade starting in 2024 (see table 1.1 and annex). Global containerized trade has been on a roller coaster ride since the COVID-19 pandemic. While the market boomed in 2021 and during much of the first half of 2022, the situation changed dramatically by the second half of the year and returned to normal pre-

COVID-19 levels. Significant differences were observed across regions in terms of annual changes in containerized trade .

3. Indian Economy and India's Maritime Trade

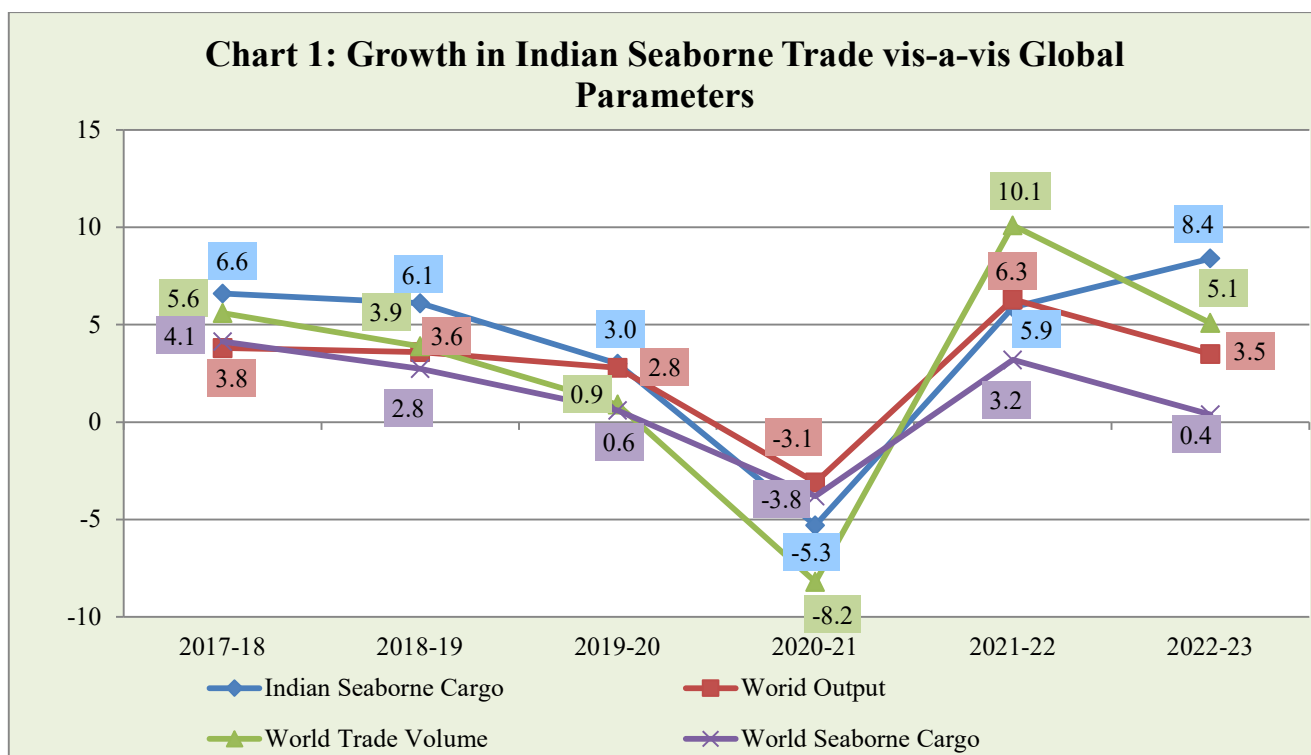
3.1 India's economy has witnessed a significant economic growth in the recent past. The growth of total cargo handled in India has increased from 5.9% in 2021-22 to 8.4% in 2022-23. The growth in the cargo handled at Non-major Ports has increased from 4.6% in 2021-22 to 7.8% in 2022-23. The growth in the cargo handled at Major Ports also increased from 7.0% in 2021-22 to 8.9% in 2022-23. The Gross Value Added (GVA) at Basic Price declined to 8.4% in FY 2022-23 as against 10.2% in FY 2021-22.

3.1 India's maritime trade comprises of export-import trade in various bulk and non-bulk commodities. Over the last decade, there has been a steady increase in handling of cargo traffic at Indian ports. India's export growth has shown vigour and vitality over the last few years. To sustain the momentum of exports and improve competitiveness the country would need adequate and efficient infrastructure in terms of ports and maritime services. **Table 1** gives the growth of cargo at Indian ports and related parameters of Indian and World trade.

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

Parameters	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
Trends in India's Select : Macro Parameters							
I. Total Cargo	5.8	6.6	6.1	3.0	-5.3	5.9	8.4
(a) Major Ports	7.0	4.8	2.9	0.8	-4.6	7.0	8.9
(b) Non Major Ports	4.2	9.0	10.1	5.6	-6.1	4.6	7.8
II.GVA overall	8.0	6.2	5.8	3.9	-6.8	10.2	8.4
(a) Agriculture	6.8	6.6	2.1	6.2	4.0	4.6	4.7
(b) Industry	7.7	5.9	5.3	-1.4	-0.4	12.2	2.1
(c) Services	8.3	7.4	7.2	6.3	-11.5	10.6	12.1
III. Foreign Trade							
(a) Export in \$ value	5.2	10.0	8.7	-5.1	-6.9	45.8	15.0
(b) Import in \$ value	0.9	21.1	10.4	-7.7	-16.9	56.8	25.4
Trends in Select : Global Indicators							
IV. World Output	3.3	3.8	3.6	2.8	-2.8	6.3	3.5
(a) Advanced Economies	1.8	2.5	2.3	1.7	-4.2	5.6	2.6
(b) Developing Economies	4.4	4.8	4.6	3.6	91.8	6.9	4.1
V. World Economic Growth	2.5	3.1	3.1	2.6	-3.4	5.8	3.5
(a) Advanced Economies	1.7	2.3	2.3	1.8	-4.5	5.2	2.6
(b) Developing Economies	3.9	4.5	4.3	3.7	-1.7	6.8	4.1
(c) Transition Economies	0.3	2.1	2.8	2.6	-2.6	4.9	
VI. World Trade Volume (Goods)	2.3	5.7	4.1	0.9	-7.8	10.1	5.1
VII. Export Volume growth (Goods)							
(a) Advanced Economies	2.0	5.1	3.6	1.2	-9.0	8.7	5.3
(b) Developing Economies	2.8	6.4	4.3	0.5	-4.8	11.8	4.1
VIII. Import Volume (Goods)							
(a) Advanced Economies	2.5	4.8	3.8	2.1	-8.4	9.5	6.7
(b) Developing Economies	1.6	7.5	5.2	-1.0	-7.8	11.8	3.2
IX. World Seaborne Trade*	2.6	4.1	2.8	0.6	-3.8	3.2	0.4
(a) Goods Loaded	2.6	4.2	2.7	0.5	-3.8	3.2	NA
(b) Goods Unloaded	2.6	4.1	2.8	0.6	3.8	3.2	NA
<p>I. Based on data from Major Ports and Non Major Ports</p> <p>II First revised estimates of National Income, consumption expenditure, saving and capital formation,2022-23, Ministry of Statistics and Programme Implementation.</p> <p>III. Based on Department of Commerce, DGCI&S and RBI Bulletin</p> <p>IV,VI, VII & VIII Based on World Economic Outlook,October,2023, IMF;</p> <p>V & IX. Based on Review of Maritime Transport, 2023 , UNCTAD</p> <p>Note : For item Nos IV,V, VI,VII, VIII & IX year 2016-17 refers to calendar year 2016 and so on.</p> <p>* growth in total goods loaded plus unloaded; NA ; Not Available</p> <p>^ Real GDP</p>							

Indian Port traffic growth and growth in World output, World trade volume and seaborne trade (loaded +unloaded) since 2016-17 is given in **Chart 1**.



Source: Indian Seaborne Cargo-Major and Non-major Ports
 World Output and World Trade Volume- World Economic Outlook, October 2023, IMF
 World Seaborne Cargo- Review of Maritime Transport, 2023, UNCTAD

4. Trends in India’s Overseas Trade

4.1 During 2022-23, the total overseas cargo handled at Indian ports was 1125.61 million tonnes compared to 1060.13 million tonnes in 2021-22. Indian Overseas trade registered a growth of 6.2% in 2022-23 over 2021-22. However, goods loaded trade decreased by 5.1% in 2022-23 while goods unloaded registered a growth of 10.6% in 2022-23 as compared to growth of 2.0% and 4.5% in loaded & unloaded goods respectively during 2021-22. Trend in Indian Overseas trade since 2018-19 is presented in **Table 1A**.

	2018-19	2019-20	2020-21	2021-22	2022-23
Goods Loaded	-1.2	12.4	10.1	2.0	-5.1
Goods Unloaded	6.3	2.2	-9.0	4.5	10.6
Total Loaded +Unloaded	4.5	4.6	-4.2	3.7	6.2

4.2 The share of Indian Flag vessels in carrying total overseas cargo during 2019-20 to 2022-23 is summarized in **Table 1B**.

Table 1B : India's Overseas Cargo and share of Cargo carried by Indian Flag Vessels during 2019-20 to 2022-23								
(In Million Tonnes)								
Type of Cargo	2019-20		2020-21		2021-22		2022-23	
	Total Overseas Cargo	Share of Indian Lines	Total Overseas Cargo	Share of Indian Lines	Total Overseas Cargo	Share of Indian Lines	Total Overseas Cargo	Share of Indian Lines
Break Bulk	37.76	0.65 (1.7)	41.13	0.15 (0.4)	48.44	0.42 (0.9)	45.34	0.31 (0.7)
Container	221.92	6.17 (2.8)	218.66	8.34 (3.8)	256.76	9.11 (3.6)	263.67	7.50 (2.8)
Dry Bulk Cargo	416.93	11.51 (2.8)	402.74	11.39 (2.8)	377.60	11.8 (3.1)	425.01	13.16 (3.1)
Liquid Bulk Cargo	389.63	51.52 (13.2)	359.35	37.51 (10.4)	377.33	36.17 (9.6)	391.59	35.80 (9.1)
Total	1066.239	69.85 (6.6)	1021.88	57.39 (5.6)	1060.13	57.5 (5.4)	1125.61	56.76 (5.0)

Figures in parenthesis indicate the percentage share of Indian vessels in respective cargo categories.

Source: Major & Non-Major Ports

4.3 It is observed that the share of overseas cargo carried by Indian flag vessels varies across different categories of cargo. At an aggregate level, Indian Flag Vessels carried 5.0% of the country's overseas cargo during 2022-23 and 2021-22.

B. AN OVERVIEW OF PERFORMANCE OF INDIAN PORTS

5. Composition of India's Seaborne Trade

5.1 The total cargo handled at Indian Ports (major and non-major) increased to 1435.32 million tonnes in 2022-23 from 1323.80 million tonnes in 2021-22 reflecting an increase of 8.42% during 2022-23. India's major ports handled around 54.39% of the cargo handled at Indian ports. Table 2 shows the growth profile of cargo throughput at India's major and non-major ports in terms of their coastal and overseas trade during 2020-21 to 2022-23.

Table 2 : Growth in Cargo Traffic at Indian Ports (In %)									
Port	2020-21			2021-22			2022-23		
	OT	CT	TT	OT	CT	TT	OT	CT	TT
Major	-3.64	-7.77	-4.57	4.45	16.27	7.04	9.27	7.82	8.92
Non Major	-4.71	-14.06	-6.14	2.99	14.35	4.58	2.86	35.34	7.83
All Ports	-4.16	-10.10	-5.30	3.74	15.59	5.90	6.18	17.46	8.42

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

5.2 The period 2001-02 to 2022-23 saw compound annual growth rate (CAGR) of 4.93% in total cargo throughput at Indian ports. The compound annual growth in Cargo handled at major ports and non-major ports was 2.64% and 8.74% during 2001-02 to 2022-23. The growth in cargo handled by Major ports and Non-Major ports during 2021-22 registered growth of 8.92% and 7.83% respectively.

5.3 Commodity-wise traffic handled, in respect of principal commodities, by all the ports (Major & Non-Major) in India from the year 2009-10 to 2022-23 are presented in **Table 3**.

Table 3 : Commodity-wise Traffic Handled by All Ports (Million Tonnes)							
Year	Commodity-wise Traffic						
	POL (Crude & Products)	Iron Ore	Building materials	Coal	Fertiliser / FRM	Others	Total
2009-10	312.58 (14.91)	149.71 (16.47)	13.14 -(0.88)	113.06 (14.92)	27.23 (0.37)	218.58 (6.78)	834.30 (12.13)
2010-11	325.26 (4.06)	125.95 -(15.87)	12.33 -(6.20)	133.61 (18.17)	33.52 (23.10)	254.77 (16.56)	885.44 (6.13)
2011-12	330.17 (1.51)	91.34 -(27.48)	12.87 (4.37)	157.82 (18.12)	36.15 (7.82)	285.60 (12.10)	913.93 (3.22)
2012-13	349.29 (5.79)	49.14 -(46.19)	11.95 -(7.10)	196.07 (24.24)	27.35 -(24.35)	299.95 (5.03)	933.75 (2.17)
2013-14	350.28 (0.28)	41.38 -(15.81)	14.18 (18.61)	219.43 (11.92)	25.79 -(5.68)	321.40 (7.15)	972.46 (4.15)
2014-15	333.94 -(4.67)	43.02 (3.98)	14.22 (0.32)	275.10 (25.37)	30.35 (17.67)	355.60 (10.64)	1052.22 (8.20)
2015-16	367.00 (9.90)	32.70 -(24.00)	14.17 -(0.36)	275.93 (0.30)	32.97 (8.63)	348.99 -(1.86)	1071.76 (1.86)
2016-17	386.30 (5.26)	76.22 (133.10)	15.17 (7.03)	259.93 -(5.80)	28.29 -(14.18)	367.78 (5.38)	1133.69 (5.78)
2017-18	406.68 (5.28)	77.77 (2.03)	15.59 (2.76)	273.41 (5.18)	26.77 -(5.40)	408.35 (11.03)	1208.56 (6.60)
2018-19	412.69 (1.48)	83.64 (7.55)	16.16 (3.68)	308.58 (12.86)	31.64 (18.20)	429.07 (5.08)	1281.78 (6.06)
2019-20	418.79 (1.48)	95.65 (14.36)	15.00 -(7.17)	297.40 -(3.62)	32.11 (1.50)	461.01 (7.44)	1319.97 (2.98)
2020-21	348.69 -(16.74)	107.32 (12.20)	13.89 -(7.45)	256.77 -(13.66)	31.36 -(2.35)	491.96 (6.71)	1249.99 -(5.30)
2021-22	366.24 (5.03)	94.69 -(11.77)	12.70 -(8.56)	268.16 (4.44)	29.97 -(4.44)	552.05 (12.21)	1323.80 (5.91)
2022-23	382.18 (4.35)	98.27 (3.78)	12.48 -(1.72)	328.36 (22.45)	30.94 (3.23)	583.11 (5.63)	1435.32 (8.42)

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

5.4 The commodity composition of the total traffic at Indian Ports has shown changes over the years. POL & its products continue to be the single largest commodity handled by the ports, constituting (26.6%) of the total seaborne traffic followed by Coal (22.9%), Iron ore (6.9%), FRM (2.2%), Building Material (0.9%) and Other Commodity (including Container) (40.6%) in 2022-23.

6. India's Port Infrastructure

6.1 Ports are economic and service provision units of remarkable importance since they act as a place for the interchange of two transport modes viz maritime and land, whether by rail or road. Therefore, the essential aspect of ports lies in their intermodal nature. India has a coast-line of around 7517 Kms with 12 major ports and 217 notified non-major ports along the coast-line and sea-islands.

6.2 The share of Major ports and Maritime States of India in cargo handled is given in **Table 4**.

Table 4 : State-wise Cargo Traffic at Indian Ports during 2022-23			
(Million Tonnes)			
Name of the State	Major Ports	Non-Major Ports	Total
1. Gujarat	137.56	416.36	553.92
2. Maharashtra	147.47	71.26	218.73
3. Goa	17.33	0.01	17.34
4. Karnataka	41.42	1.06	42.47
5. Kerala	35.26	0.11	35.37
6. Tamil Nadu	130.50	9.87	140.37
7. Andhra Pradesh	73.75	101.43	175.18
8. Orissa	135.36	38.71	174.07
9. West Bengal	65.66	0.00	65.66
10. Others(a)	0.00	12.21	12.21
Total	784.30	651.02	1435.32

Note: (a)- Includes Puducherry, A&N islands and Lakshadweep Port

6.3 Amongst the States, Gujarat has emerged as the premier maritime State in terms of port traffic and accounted for 38.6% of the total cargo handled at Indian ports. It is also noteworthy that about 64% of the cargo handled by non-major ports pertains to the State of Gujarat. In terms of total port traffic, Gujarat is followed by Maharashtra (15.2%), Andhra Pradesh (12.2%), Odisha (12.1%) each and Tamil Nadu with share of 9.8% in India's total seaborne traffic.

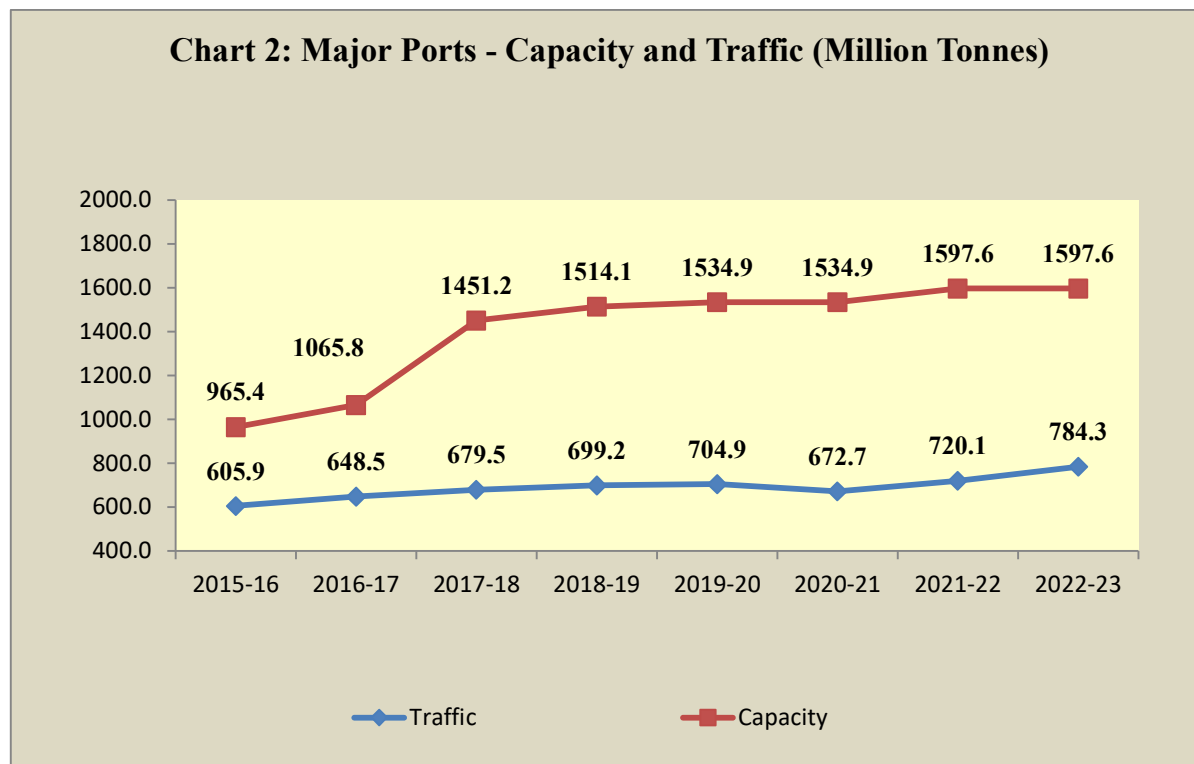
C . PERFORMANCE OF MAJOR PORTS

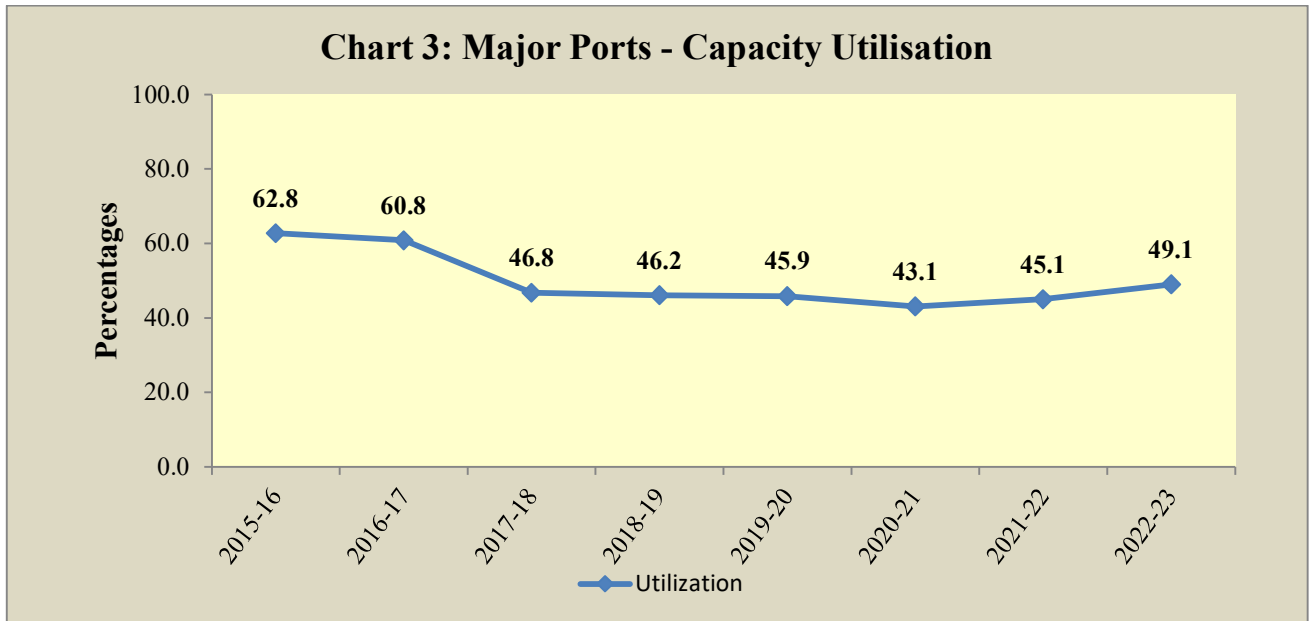
7. CARGO TRAFFIC HANDLED

7.1 The twelve major ports in India handled about 54.6% of the maritime cargo traffic of the country in 2022-23. Traffic handled at the major ports has been increasing over the years in tandem with the economic activity and volume of trade turnover. The total traffic handled by the major ports has recorded around 29.4% increase from 605.9 million tonnes in 2015-16 to 784.3 million tonnes in 2022-23 (**Chart 2**).

7.2 Cargo handling capacity at major ports has also risen with traffic. The capacity which was placed at 965.4 million tonnes at the end of 2015-16 has increased to a level of 1534.9 million tonnes at the end of 2020-21 and further increased to 1597.6 million tonnes during 2022-23.

7.3 The capacity addition and the productivity improvements achieved by the major ports coupled with growing participation of Private Sector in cargo handling have had a favourable impact on efficiency of cargo handling operations at India's major ports. The capacity utilization which was 62.8 % in 2015-16, reduced to 49.1% in 2022-23. The capacity utilization at Major ports from 2015-16 to 2022-23 is presented in **Chart-3**.





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

8.1 The overseas and coastal cargo handled during 2022-23 by major ports was of the order of 599.58 million tonnes and 184.73 million tonnes respectively. The Overseas Cargo traffic handled at Major Port recorded increase of 9.3% in 2022-23 as compared to 2021-22 and the Coastal cargo traffic recorded growth by 7.8% in 2022--23. However, the total cargo traffic handled in 2022-23 was increased by 8.9% as compared to 2021-22.

8.2 The Cargo traffic in terms of coastal and overseas categories at Major Ports during 2021-22 & 2022-23 are given in **Table 5**. Amongst the major ports, Deendayal Port (erstwhile Kandla port) accounted for the highest share of 17.5% in the total cargo traffic at all major ports during 2022-23 followed by Paradip (17.3%), J.L. Nehru (10.7%), Vishakhapatnam (9.4%), Mumbai (8.1%), Chennai (6.2%), SMP (Haldia Dock Complex) (6.2%), Kamarajar (5.6%), NMPA (5.3%), V.O.Chidambaranar Port (4.9%) and Cochin Port (4.5%). The cargo traffic at SMP Kolkata Dock System (KDS) and Mormugao Port had a share of less than 3% each during 2022-23. The Cargo traffic at all the Ports was overwhelmingly outward oriented with overseas cargo accounting for the larger share in the total cargo handled at the port.

8.3 Port-wise analysis of the traffic growth indicates that Paradip recorded highest growth of 16.6% during 2022-23 followed by SMP Haldia (13.4%), Kamarajar Port (12.3%), SMP Kolkata and V.O.Chidambaranar Port (11.5%) each, JNPA (10.3%), Deendayal (8.2%), Vsakhapatanam Port (6.8%), Mumbai (6.2%), NMPA (5.4%), Cochin (2.0%) and Chennai (0.8%). The Mormugao Port recorded negative growth (6.1%).

Table 5 : Major Port wise-share of cargo handled (Million Tonnes)						
Port	2021-22			2022-23		
	Overseas	Coastal	Total	Overseas	Coastal	Total
SMP(Kolkata Dock System)	14.87	0.43	15.30	16.66	0.39	17.05
	(2.71)	(0.25)	(2.12)	(2.78)	(0.21)	(2.17)
SMP (Haldia Dock Complex)	37.50	5.38	42.88	43.66	4.95	48.61
	(6.83)	(3.14)	(5.95)	(7.28)	(2.68)	(6.20)
Paradip	73.93	42.20	116.13	76.94	58.42	135.36
	(13.47)	(24.63)	(16.13)	(12.83)	(31.63)	(17.26)
Visakhapatnam	47.76	21.27	69.03	54.60	19.15	73.75
	(8.70)	(12.42)	(9.59)	(9.11)	(10.37)	(9.40)
Chennai	41.39	7.17	48.56	43.03	5.92	48.95
	(7.54)	(4.19)	(6.74)	(7.18)	(3.20)	(6.24)
Kamarajar	22.50	16.24	38.74	26.01	17.50	43.51
	(4.10)	(9.48)	(5.38)	(4.34)	(9.47)	(5.55)
V.O.Chidambaranar	23.56	10.56	34.12	25.47	12.57	38.04
	(4.29)	(6.16)	(4.74)	(4.25)	(6.81)	(4.85)
Cochin	22.71	11.84	34.55	23.15	12.11	35.26
	(4.14)	(6.91)	(4.80)	(3.86)	(6.55)	(4.50)
NMPA	29.40	9.89	39.30	32.34	9.08	41.42
	(5.36)	(5.77)	(5.46)	(5.39)	(4.91)	(5.28)
Mormugao	16.34	2.11	18.46	15.60	1.73	17.33
	(2.98)	(1.23)	(2.56)	(2.60)	(0.94)	(2.21)
J. L. Nehru	71.88	4.12	76.00	78.88	4.98	83.86
	(13.10)	(2.41)	(10.55)	(13.16)	(2.69)	(10.69)
Mumbai	35.79	24.10	59.89	41.01	22.60	63.61
	(6.52)	(14.07)	(8.32)	(6.84)	(12.24)	(8.11)
Deendayal	111.08	16.02	127.10	122.24	15.33	137.56
	(20.24)	(9.35)	(17.65)	(20.39)	(8.30)	(17.54)
Total	548.73	171.32	720.05	599.58	184.73	784.31
	100.00	100.00	100.00	100.00	100.00	100.00

The figures in parenthesis indicate percent share of the port in total, traffic in respective traffic categories at Major Ports.

9. COMMODITY-WISE TRAFFIC

9.1 Commodity-wise break-up of traffic handled at the major ports in India from 2009-10 to 2022-23 is given in **Table 6**.

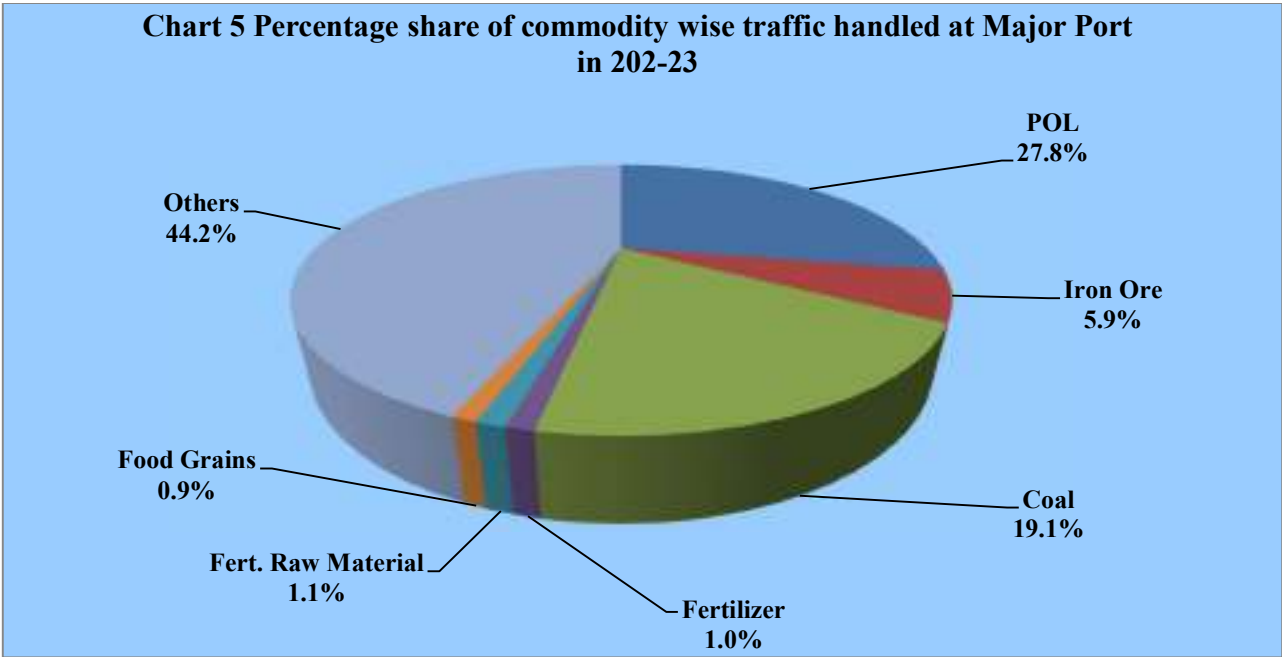
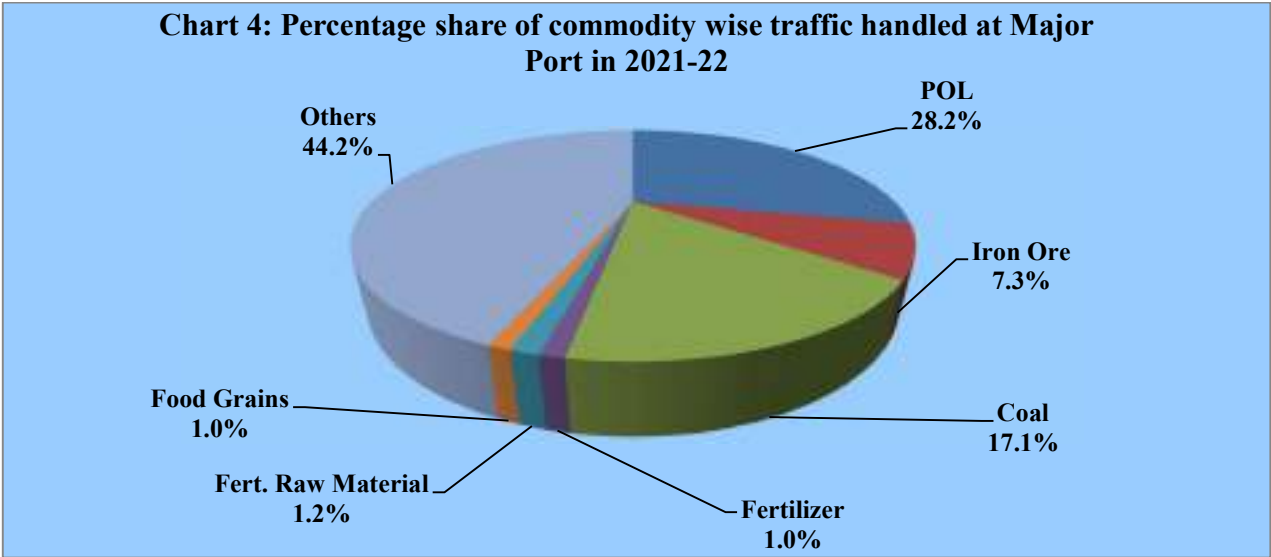
Table 6: Commodity-wise Cargo Traffic Handled at Major Ports (Million Tonnes)								
Year	POL (Crude & Products)	Fertilizer	Fertilizer Raw Material Dry	Iron Ore	Coal*	Food- grains	Others #	Total
2008-09	174.2 (4.04)	12.17 (2.53)	6.11 (-4.68)	92.67 (0.40)	76.93 (12.03)	2.4 (-19.73)	166.33 (-1.96)	530.81 (2.21)
2009-10	174.86 (0.38)	10.94 (-10.11)	6.79 (11.13)	100.89 (8.87)	71.79 (-6.68)	1.2 (-50.00)	178.9 (7.56)	545.37 (2.74)
2010-11	179.88 (2.87)	12.37 (13.07)	8.43 (24.15)	87.69 (-13.08)	75.15 (4.68)	1.92 (60.00)	204.65 (14.39)	570.09 (4.53)
2011-12	173.85 (-3.35)	12.22 (-1.21)	8.18 (-2.97)	60.72 (-30.76)	78.78 (4.83)	3.28 (70.83)	223.16 (9.04)	560.19 (-1.74)
2012-13	180.73 (3.96)	7.47 (-38.87)	7.33 (-10.39)	27.29 (-55.06)	86.8 (10.18)	6.6 (101.22)	229.61 (2.89)	545.83 (-2.56)
2013-14	181.06 (0.18)	6.15 (-17.67)	7.64 (4.23)	24.62 (-9.78)	104.27 (20.13)	4.79 (-27.42)	226.96 (-1.15)	555.49 (1.77)
2014-15	181.02 (-0.02)	7.93 (28.88)	8.36 (9.42)	18.00 (-26.88)	119.47 (14.58)	3.09 (-35.51)	243.46 (7.27)	581.33 (4.65)
2015-16	186.36 (2.95)	8.49 (7.15)	7.53 (-9.93)	15.32 (-14.93)	134.06 (12.21)	2.37 (-23.18)	251.76 (3.41)	605.89 (4.22)
2016-17	200.23 (7.44)	7.04 (-17.07)	7.01 (-6.85)	41.77 (172.71)	126.18 (-5.88)	6.50 (174.08)	259.75 (3.17)	648.47 (7.03)
2017-18	213.26 (6.51)	7.52 (6.82)	7.53 (7.34)	41.17 (-1.42)	126.73 (0.43)	2.40 (-63.16)	280.87 (8.13)	679.47 (4.78)
2018-19	220.95 (3.60)	8.43 (12.03)	6.99 (-7.21)	38.81 (-5.72)	137.48 (8.49)	0.80 (-66.69)	285.72 (1.73)	699.17 (2.90)
2019-20	221.64 (0.31)	9.53 (13.11)	6.60 (-5.54)	55.46 (42.88)	118.88 (-13.53)	0.40 (-49.37)	292.42 (2.34)	704.92 (0.82)
2020-21	191.06 (-13.79)	10.38 (8.90)	7.57 (14.65)	64.33 (16.00)	102.93 (-13.42)	1.56 (284.90)	294.86 (0.84)	672.68 (-4.57)
2021-22	203.19 (6.35)	7.49 (-27.82)	8.60 (13.64)	52.24 (-18.80)	123.25 (19.74)	7.03 (352.25)	318.25 (7.93)	720.05 (7.04)
2022-23	217.92 (7.25)	7.89 (5.28)	8.28 (-3.72)	46.42 (-11.14)	149.95 (21.67)	6.96 (-1.10)	346.90 (9.0)	784.31 (8.92)

Note: Figures in parenthesis indicate growth over the previous year. *Thermal Coal & Coking Coal, # Included Container

Source: Major Ports

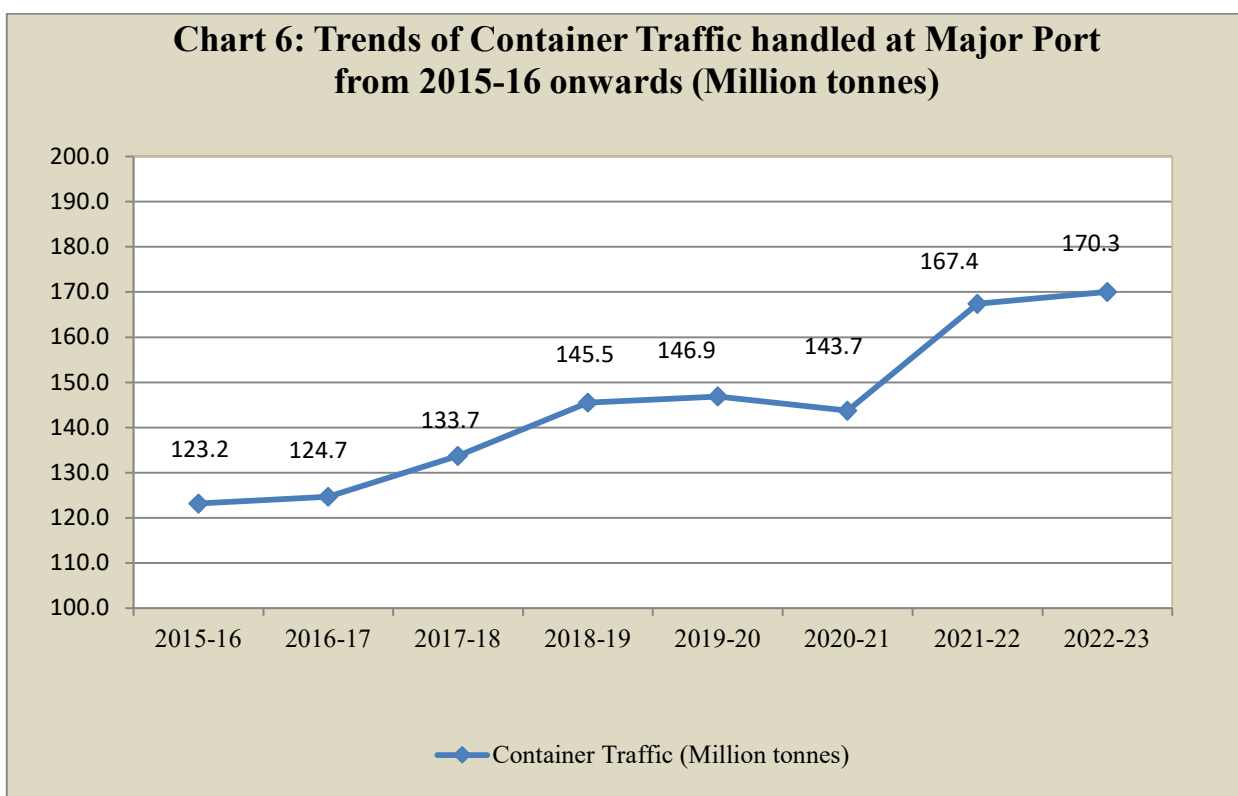
9.2 The highest growth in traffic during 2022-23, among the principal commodities, is seen in the case of Coal* (21.7%) followed by Other Commodity 9.0%, POL (7.3%). Traffic for Iron Ore recorded highest negative growth (11.1%) followed by Fertilizer Raw (FRM) (3.7%) and Food Grain (1.1%) respectively.

9.3 In respect of the traffic handled at Major ports, it is also observed that more than 93.0% of the traffic handled during 2022-23 was accounted by three commodities viz. other cargo including Containers (44.2%), POL & Products (27.8%) Coal (19.1%), Iron Ore (5.9%), FRM (1.1%) Fertilizer (1.0%) and Food Grain (0.9%) .



10. CONTAINER TRAFFIC

10.1 Containerization started in India in 1973 in a limited way with the creation of interim container handling facilities at Mumbai and Cochin Ports. Since then, container traffic has steadily increased over the years, in tune with the increasing use of containers in international trade. Container traffic has experienced about increase from 123.2 million tonnes in 2015-16 to 133.7 million tonnes in 2017-18. It increased to 167.4 million tonnes in 2021-22 and increase to 170.28 million tonnes (11.43 million TEUs) in 2022-23 (**Chart-6**). Non-containerized cargo increased from 552.67 in 2021-22 million tonnes to 614.02 million tonnes in 2022-23.



10.2 The growth in container traffic at the container handling ports of the country is given in **Table 7**.

Table-7 Major Port-wise Container Traffic Handled (in 000' tonnes & 000' TEUs)				
Name of Port	2021-22		2022-23	
	000' Tonnes	000' TEUs	000' Tonnes	000' TEUs
SMP (Kolkata D.S)	8441	570	8520	602
SMP (Haldia D.C)	3353	165	2067	107
Paradip	184	10	192	12
Vishakhapatnam	8583	512	8460	522
Kamarajar	9269	480	10617	550
Chennai	30925	1602	28377	1470
V.O.Chidambaranar	15905	781	14678	734
Cochin	10278	736	9986	695
New Mangalore	2309	152	2369	166
Mormugoa *	184	14	28	3
J.L.Nehru	69092	5685	76194	6051
Mumbai	238	25	225	21
Deendayal	8620	493	8572	506
All Ports	167381	11225	170284	11439

Source : Major Ports

10.3 The share of JNPT during 2022-23 in total container traffic stood at 53.0% (in TEUs) and 44.8% (in tonnage) making it the premier container port in India. Other important container handling ports, in the order of their share in India's total container traffic in terms of TEUs were Chennai (12.9%), V.O. Chidambaranar (6.4%), Cochin (6.1%), SMP Kolkata Dock System (5.3%), Kamarajar (4.8%), Vishakhapatnam (4.6%), and Deendayal (4.3%). The share of Mumbai Port in container traffic has seen a decline from 63.8% in 1994-95 to less than one per cent from 2010-11 onwards due to diversion of container traffic to JNPA. During 2022-23 also, the share of Mumbai Port in container traffic was 0.2 percent only in TEUs. Concomitantly, the share of JNPA has surged ahead from 19.4% to 53% during the same period. Chart 7 and 8 gives the share of container cargo handled at Major Ports during 2021-22 and 2022-23 respectively.

Chart 7: Share of Major port Container traffic in (TEUs) 2021-22

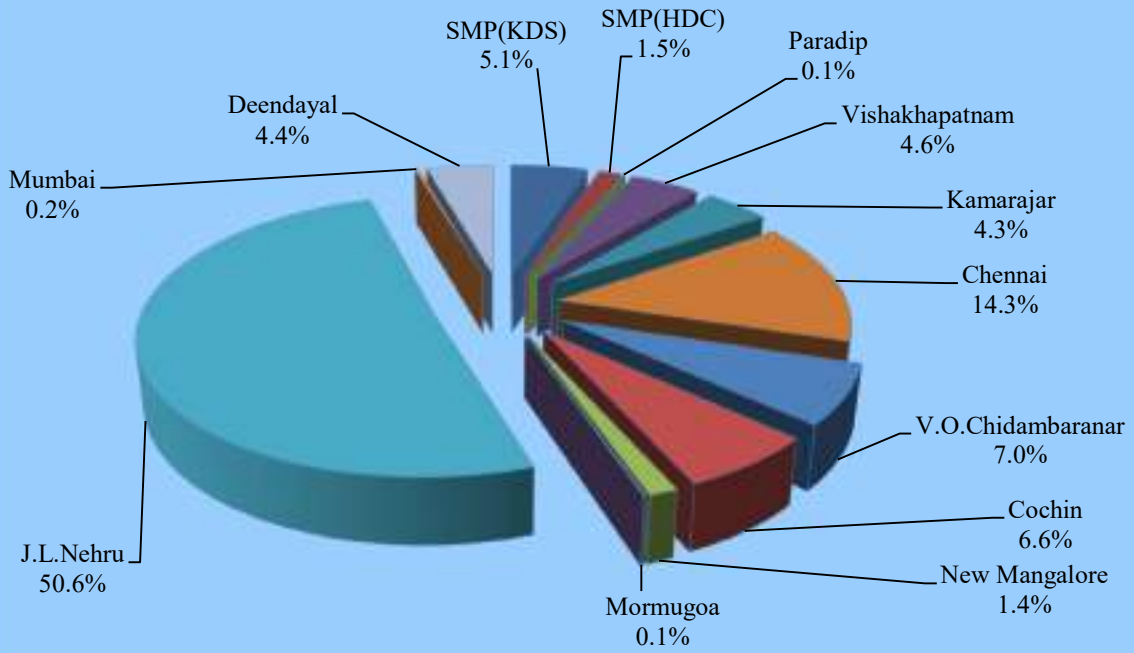
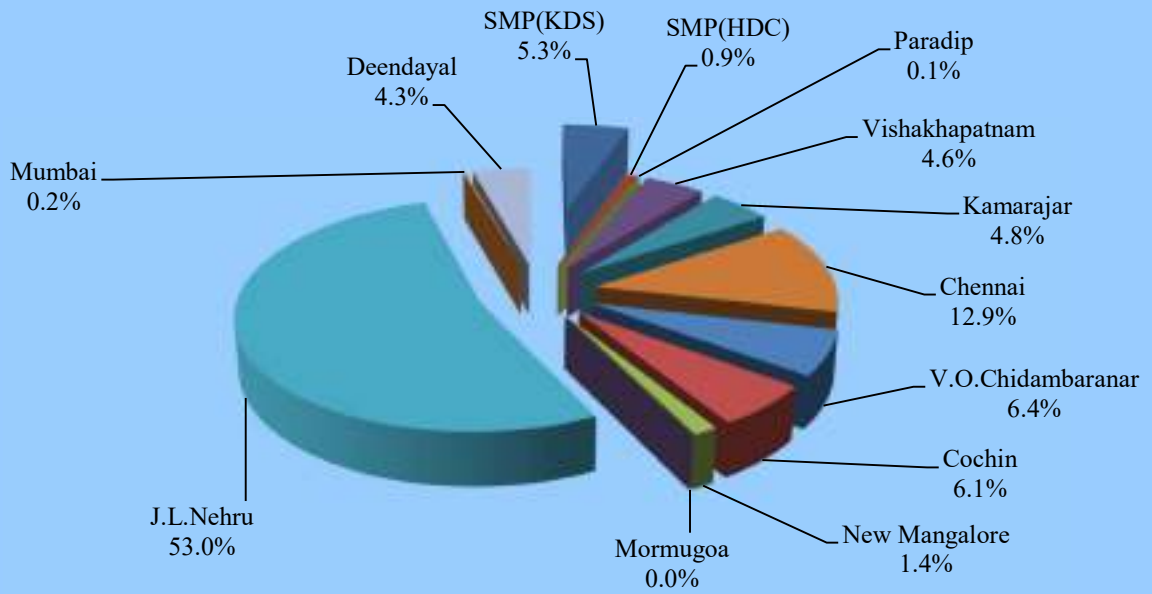


Chart 8: Share of Major port Container traffic in (TEUs) 2022-23



PERFORMANCE INDICATORS

11. Capacity Utilization

11.1 Over the years, cargo handling capacity of major ports has steadily increased to cater to the growing volume of internal and external trade. The capacity of the ports which was 172.59 million tonnes at the end of 1993-94 increased to a level of 1560.61 million tonnes at the end of 2020-21 and further increased to 1597.59 million tonnes at the end of 2022-23. The port-wise capacity and traffic handled for the year 2022-23 is brought out in **Table 8**.

Name of the Port	Capacity	Traffic	Capacity Utilisation(%)
SMP (Kolkata Dock System) #	92.77	65.66	70.78
Paradip	289.75	135.36	46.72
Visakhapatnam	134.18	73.75	54.96
Kamarajar	91.00	43.51	47.81
Chennai	135.00	48.95	36.26
V.O.Chidambaranar	111.46	38.04	34.13
Cochin	78.60	35.26	44.85
New Mangalore	108.96	41.42	38.01
Mormugao	63.40	17.33	27.34
J. L. Nehru	141.37	83.86	59.32
Mumbai	84.00	63.61	75.72
Deendayal	267.10	137.56	51.50
ALL PORTS	1597.59	784.31	49.09

Included SMP HDC

11.2 Mumbai is the port where capacity utilization is 75.7%. Some of the other ports having capacity utilization of more than 50% are SMP Kolkata (70.8%), JNPA (59.3%), Visakhapatnam (55%) and Deendayal Port (51.5%).

EFFICIENCY INDICATORS OF MAJOR PORT OPERATIONS

12. Average Pre-berthing Detention

12.1 The average overall pre berthing detention time for all major ports declined from 51.84 hours in 1990-91 to 19.29 hours in 2022-23. However, the average PBDT which decrease to 18.82 hours in 2021-22 further increased to 19.29 hours in 2022-23. Port-wise average PBD for selected years is indicated in **Table 9**.

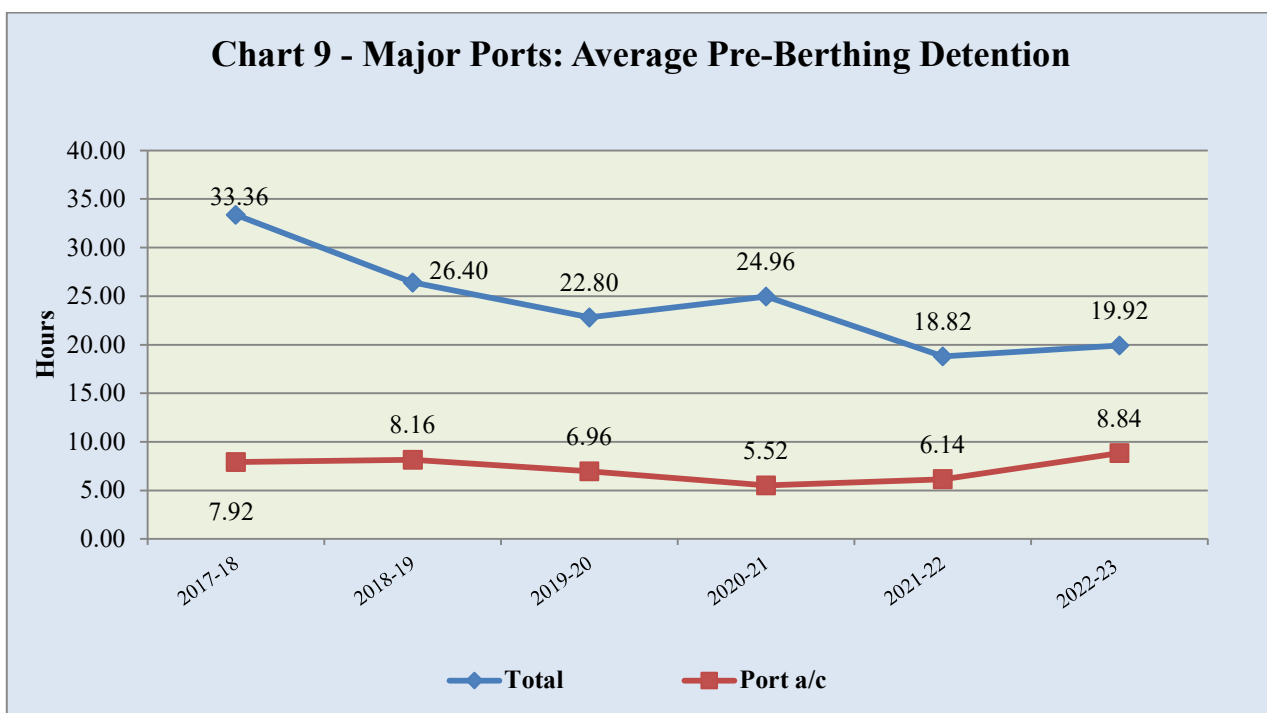
Port	1990-91	2000-01	2010-11	2018-19	2019-20	2020-21	2021-22	2022-23
1	2	3	4	5	6	7	8	9
SMP Kolkata D.S	21.6	14.64	29.52	11.11	16.77	12.24	14.75	11.05
SMP Haldia D.C	39.84	21.84	89.52	65.28	70.95	65.04	31.10	27.45
Paradip	38.16	33.84	120.96	7.14	15.32	6.24	2.44	1.68
Vishakhapatnam	43.92	18	67.44	30.95	1.22	1.20	0.90	1.78
Kamarajar	0	0	15.6	4.21	2.88	1.92	0.85	1.06
Chennai	50.4	58.8	38.64	3.49	0.00	0.00	0.07	0.00
V.O.Chidambaranar	21.6	33.6	30.96	16.26	15.61	12.00	11.63	30.52
Cochin	19.92	17.76	24.72	12.67	11.44	15.36	11.23	6.04
New Mangalore	18.96	18.48	14.16	26.38	30.13	26.16	28.54	31.63
Mormugao**	60.24	31.68	97.68	29.83	29.05	30.24	18.85	16.15
J.L.Nehru	0	16.08	36.24	19.77	18.38	21.84	21.58	26.31
Mumbai	81.6	30.24	29.52	25.58	3.74	2.40	0.95	0.50
Deendayal	105.6	36.24	79.68	48.50	44.43	67.44	56.42	54.11
All Ports	51.84	28.56	55.68	26.40	22.80	24.96	18.82	19.29

* Relates to Port Account only; Source: Major Ports)

** Relate to dry bulk cargo for MOHP(Mech.) and Berth No. 10 &11 (Conv.)

12.2 During 2022-23, Major Ports except JNPA, New Mangalore Port, Visakhapatnam Port, V.O.Chidambaranar Port and Kamarajar Port experienced drop in pre-berthing detention of vessels. Data on PBD for different types of vessels indicate that in 2021-22, the PBD was the least in the case of container vessels 7.15 hours followed by dry bulk (Mechanical) (11.08 hours), dry bulk (Conventional) (18.10 hours), break bulk (29.26 hours) and liquid bulk vessels (29.58 hours).

12.3 The trajectory of weighted average of pre berthing detention time at Major ports- total and Major Port on port account during 2015-16 to 2022-23 is shown in **Chart 9**.



13. Average Turn-Round Time (TRT)

13.1 This parameter has improved significantly during the past one and half decades for all the major ports. Average TRT for all major ports improved from 194.40 hours in 1990-91 to 101.76 hours in 2000-01. Thereafter the average TRT has increased steadily to 126.96 hours in 2010-11 and declined to 65.52 hours in 2018-19 and further reduced to 51.48 hours in 2022-23. Port-wise average TRT varied in the range between 28.77 hours at JNPA to 77.58 hours at Deendayal port during 2022-23. Port-wise average TRT for selected years are given in **Table 10**.

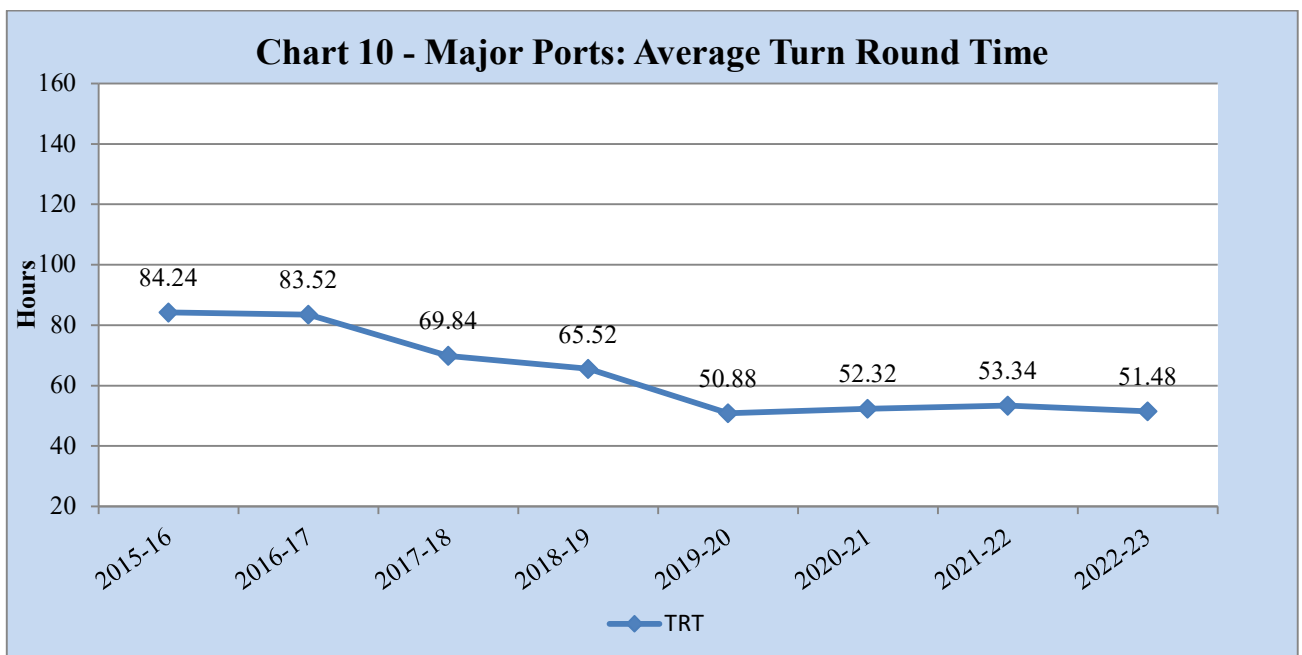
13.2 The data on average TRT for different types of vessels indicate that in 2022-23, the average TRT was least in case of container vessels (28.50 hours) followed by liquid bulk (45.42 hours), dry bulk (Mech.) (51.80 hours), dry bulk (Conv.) (68.85 hours) and break bulk (98.73 hours).

Port	1990-91	2000-01	2010-11	2018-19	2019-20	2020-21	2021-22	2022-23
1	2	3	4	5	6	7	8	9
SMP Kolkata D.S	285.60	132.00	149.04	80.48	76.14	51.01	82.80	48.88
SMP Haldia D.C	155.28	95.28	106.80	72.75	66.00	69.79	51.19	51.52
Paradip Port	201.60	99.84	185.52	60.35	56.09	58.08	53.16	46.27
Vishakhapatnam Port	169.68	89.04	140.16	60.22	58.27	66.00	73.83	73.19
Kamarajar Port	0.00	0.00	66.72	47.27	41.49	42.96	46.38	45.26
Chennai Port	172.80	139.92	104.64	47.41	48.00	51.36	53.19	48.08
V.O.Chidambaranar Port	112.80	98.40	96.00	42.30	40.08	40.80	48.54	46.89
Cochin Port	96.00	74.64	52.80	46.67	34.80	35.76	45.87	39.45
New Mangalore	119.04	69.36	64.80	46.21	45.60	47.52	47.99	44.90
Mormugoa * Port	153.60	102.00	250.32	83.50	55.92	57.84	63.94	54.59
J.L.Nehru Port	0.00	53.04	63.36	51.13	29.54	28.56	28.04	28.27
Mumbai Port	259.20	124.80	119.04	64.50	40.80	49.68	57.99	50.40
Deendayal Port	240.00	113.28	141.60	112.24	60.99	62.16	59.99	77.58
All Ports	194.40	101.76	126.96	65.52	50.88	52.32	53.34	51.48

* Refers to dry bulk cargo for MOHP(Mech.) and Berth No. 10 &11 (Conv)

Source: Major Ports

13.3 The turn round time of cargo ships at major ports 2015-16 to 2022-23 is presented in the **Chart -10**.



(Turn-Round Time - As per new definition of TRT, from Pilot boarding to de-boarding).

13.4 The average TRT is influenced by a number of factors like type of cargo, parcel size, PBD, entrance channel, etc. Average parcel size has decreased from 29538 in 2020-21 to 32866 tonnes in 2021-22 and further increased to 33638 tonnes in 2022-23. During 2022-23, average parcel size has improved in all type of vessels except in Dry bulk (conv.). Available data on type of vessels and average parcel size vis-à-vis Average TRT is indicated in **Table 11**.

Table 11 : Average Parcel Size and Turn Round Time						
Type of Vessel	2020-21		2021-22		2022-23	
	Average Parcel Size (Tonnes)	Average TRT (Hours)	Average Parcel Size (Tonnes)	Average TRT (Hours)	Average Parcel Size (Tonnes)	Average TRT (Hours)
	(Cargo/vessels)		(Cargo/vessels)		(Cargo/vessels)	
Dry Bulk (Mech.)	55647	52.32	58533	52.02	62169	45.79
Dry Bulk (Conv.)	41785	79.68	40548	69.25	39508	65.32
Liquid Bulk	24186	43.68	31468	46.2	33057	44.49
Break Bulk	11708	87.84	12321	105.69	11667	94.07
Container	25874	31.2	28696	34.9	26951	26.28
All Types	29538	52.32	32866	53.34	33638	49.04

Note:- As per revised definition of TRT, from Pilot Boarding to De-boarding.

14 Average Output per Ship Berth-day

14.1 During the last 25 years this indicator has seen a tremendous improvement. Average Output per Ship berth-day has increased more than six times from 3,372 tonnes in 1990-91 to 21002 tonnes in 2021-22 and further increase to 22730 tonnes in 2022-23 for major ports. Average Output per Ship berth-day had doubled during 1990-91 to 2000-01 and nearly tripled during 2000-01 to 2021-22. The growth of average output per Ship berth-day is 8.2% during 2021-22 over 2022-23.

14.2 However, average output per ship berth-day is marked by substantial variation across major ports ranging from a high 38007 tonnes in case of Pradip port authority to a low of 10159 tonnes at SMP Kolkata Dock System during 2022-23. This variation reflects the type of cargo being handled, level of mechanization and labour practices. Port-wise average output per Ship berth-day is given in **Table 12**.

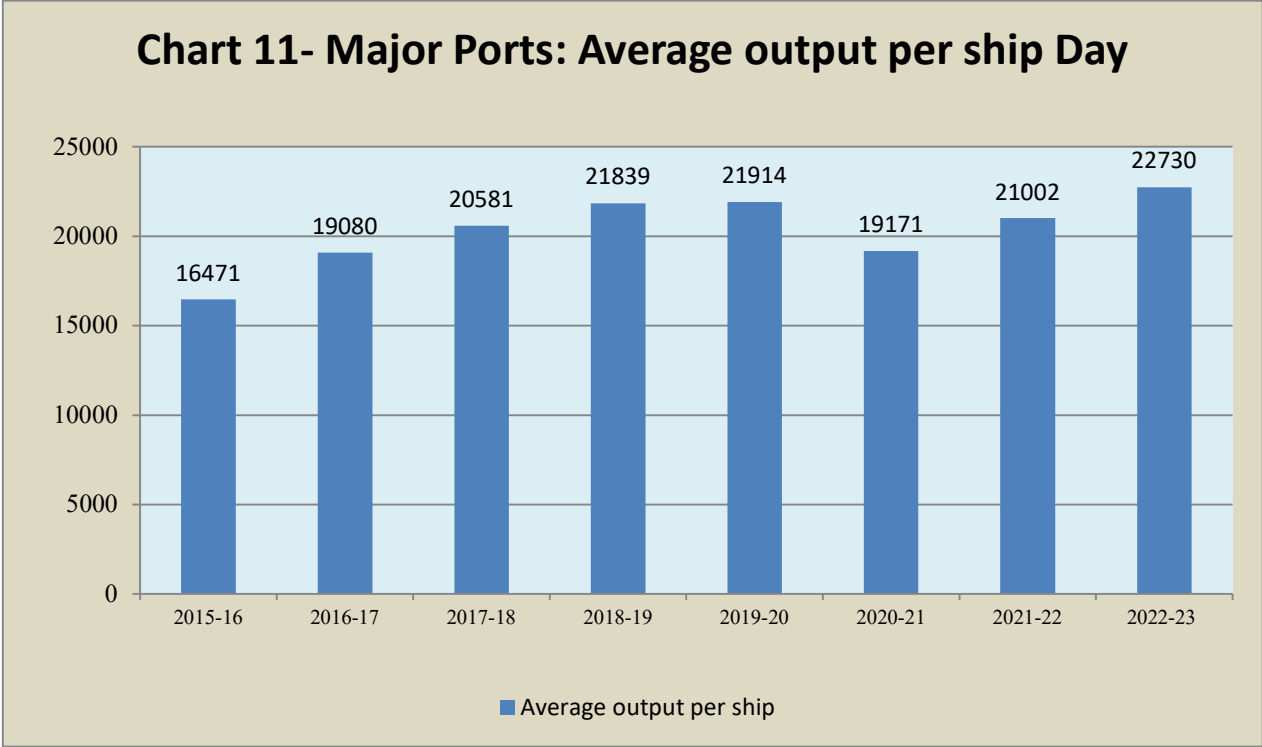
Port	1990-91	2000-01	2010-11	2018-19	2019-20	2020-21	2021-22	2022-23
1	2	3	4	5	6	7	8	9
SMP Kolkata D.S	560	2305	2253	7765	7174	8210	7424	10159
SMP Haldia D.C	5659	6384	6563	15083	15192	14243	14589	15450
Paradip	4082	8503	14243	36030	32001	30224	33635	38007
Visakhapatnam	5325	9799	10334	18281	20032	17238	16069	16646
Kamarajar	-	-	17699	27678	26581	23945	24292	29350
Chennai	3912	6977	10984	21001	20340	20331	20152	20249
V.O.Chidambaranar	2130	3983	7035	19494	19334	19302	19994	18224
Cochin	3714	6138	11752	30150	31258	30915	31513	33311
New Mangalore	4412	12192	14211	18126	19140	19048	19627	22310
Mormugao*	10429	12438	4409	18685	19944	24305	18872	24755
J.L.Nehru	-	6383	20393	25847	28296	27711	29418	27634
Mumbai	2310	4213	6042	25941	25608	23659	20053	24006
Deendayal	4417	8230	14137	21373	21109	10467	18975	20369
All Ports	3372	6961	9140	21839	21914	19171	21002	22730

*Relate to dry bulk cargo for MOHP(Mech.) and Berth No. 10 &11 (Conv.)

14.3 As compared to 2020-21, the Average output per ship Berth-day increased by 8.2% in 2022- 23. The average output ship berth-day has shown improvement in all vessels except Break Bulk in 2022-23 as compared to 2021-22. An important determinant of output per Ship Berth-day is the composition of traffic at the port. The average out-put per Ship Berth-day by types of vessels in 2020-21, 2021-22 and 2022-23 of all commodities is presented in **Table-13**.

Type of Vessel	Average Output per ship Berth-day (Tonnes)				
	2020-21	2021-22	2022-23	% Change (2021-22 on 2020-21)	% Change (2022-23 on 2021-22)
Dry Bulk (Mech.)	29330	30300	31439	3.3	3.8
Dry Bulk (Conv.)	18738	19533	20118	4.2	3.0
Liquid Bulk	19838	25272	26227	27.4	3.8
Break Bulk	4349	3938	4586	-9.5	16.5
Container	26604	29194	30232	9.7	3.6
All Types	19171	21002	22730	9.6	8.2

14.4 The average out-put per Ship Berth-day for selected years since 2015-16 to 2022-23 is presented in the **Chart -11**.



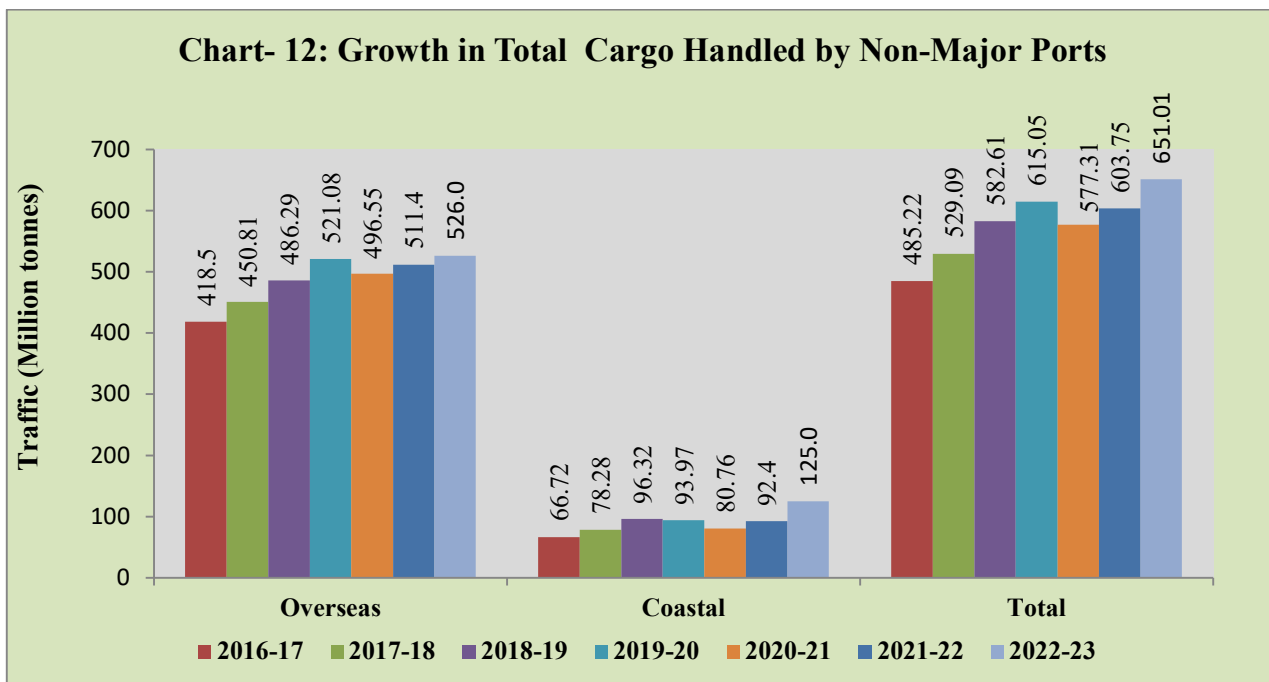
Output per Ship Berth-day – Total tonnage handled distributed over total number of berth days

D. PERFORMANCE OF NON-MAJOR PORTS

15. CARGO TRAFFIC HANDLED

15.1 There are 217 non-major ports situated along the peninsula coast-line and sea-islands. These ports are located in Gujarat (48), Maharashtra (48), Goa (5), Daman & Diu (2), Karnataka (13), Kerala (17), Lakshadweep (10), Tamil Nadu (17), Puducherry (3), Andhra Pradesh (15), Orissa (14), West Bengal (1) and Andaman & Nicobar Island (24). Out of these 217 Non-major ports, only some ports are well developed and provide all-weather berthing facilities for cargo handling. In 2022-23, 66 Non-major Ports were reported to have handled cargo traffic.

15.2 Recognizing the importance of non-major ports, maritime states have launched initiatives for their development, through the participation of private sector. This has led to significant growth in the cargo traffic handled by the non-major ports in the past few years.



15.3 Non-major ports in India collectively handled 651.02 million tonnes of traffic during the year 2022-23 as compared to 603.75 million tonnes of cargo handled in 2021-22 (Chart-12). The cargo handled at Indian ports reflects a growth of 7.8% in 2022-23 as compared to 4.6% growth in

2021-22. At a disaggregated level, the overseas cargo traffic increased by 2.9% in 2022-23 compared to 3.0% in 2021-22. Coastal cargo traffic increased by 35.3% in 2022-23 as compared to 14.1 % in 2021-22.

Commodity Composition of Non-Major Port Traffic

15.4 Commodity composition of traffic handled by non-major ports during since 2010-11 to 2022-23 is given in **Table 14**.

Table 14 : Commodity -wise Traffic Handled at Non-major Ports							
(Million Tonnes)							
Year	POL & its Products	Iron Ore	Building Material	Coal*	Fertiliser & FRM	Others	Total
2010-11	145.38	38.27	12.33	58.46	12.72	48.2	315.36
	(5.56)	-(21.59)	-(6.16)	(41.62)	(33.89)	(25.23)	(9.14)
2011-12	156.32	30.62	12.87	79.04	15.74	59.16	353.75
	(7.53)	-(19.99)	(4.38)	(35.20)	(23.74)	(22.74)	(12.17)
2012-13	168.57	21.86	11.95	109.26	12.55	63.74	387.93
	(7.84)	-(28.61)	-(7.15)	(38.23)	-(20.27)	(7.74)	(9.66)
2013-14	169.78	18.34	14.18	126.32	12.01	76.35	416.97
	(0.72)	-(16.11)	(18.64)	(15.62)	-(4.30)	(19.78)	(7.49)
2014-15	167.28	26.79	14.22	156.74	13.95	91.90	470.888
	-(1.47)	(46.11)	(0.32)	(24.08)	(16.17)	(20.38)	(12.93)
2015-16	180.64	17.38	14.17	141.87	16.95	94.85	465.87
	(7.99)	-(35.12)	-(0.36)	-(9.48)	(21.46)	(3.21)	-(1.07)
2016-17	(186.07)	(34.45)	(15.17)	(133.76)	(14.24)	(101.53)	485.22
	(3.01)	(98.18)	(7.03)	-(5.72)	-(15.97)	(7.04)	(4.15)
2017-18	(193.42)	(36.60)	(15.59)	(146.68)	(11.71)	(125.09)	529.09
	(3.95)	(6.23)	(2.76)	(9.66)	-(17.74)	(23.20)	(9.04)
2018-19	(191.75)	(44.82)	(16.16)	(171.10)	(16.22)	(142.56)	(582.61)
	-(0.86)	(22.48)	(3.68)	(16.64)	(38.50)	(13.97)	(10.12)
2019-20	(197.16)	(39.97)	(15.00)	(178.52)	(15.96)	(168.43)	(615.05)
	(2.82)	-(10.83)	-(7.17)	(4.34)	-(1.63)	(18.15)	(5.57)
2020-21	(157.63)	(42.99)	(13.89)	(153.84)	(13.41)	(195.55)	(577.30)
	-(20.05)	(7.56)	-(7.45)	-(13.83)	-(15.95)	(16.10)	-(6.14)
2021-22	(163.05)	(42.46)	(12.70)	(144.92)	(13.88)	(226.75)	(603.75)
	(3.44)	-(1.24)	-(8.56)	-(5.80)	(3.47)	(15.96)	(4.58)
2022-23	(164.26)	(51.85)	(12.48)	(178.41)	(14.77)	(229.25)	(651.02)
	(0.75)	(22.13)	-(1.72)	(23.11)	(6.42)	(1.10)	(7.83)

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

15.5 Container and Other commodity (35.2%) was the largest commodity handled at non major ports in 2022-23 followed by Coal (27.4 %), POL & Products (25.2%), Iron ore (8.0%), Fertilizer & FRM (2.3%) and Building Material (1.9%).

16 Maritime States – Non-Major Ports

16.1 Maritime State-wise traffic handled at non-major ports since 2010-11 to 2022-23 is given in Table 15.

Table 15 : Traffic Handled by Non-Major Ports – Maritime State-wise								
Year	(Million Tonnes)							
	Gujarat	Maharashtra	Andhra Pradesh	Tamil Nadu	Karnataka	Odisha	Others	Total
2010-11	230.91 (12.32)	14.88 (23.49)	43.27 (-0.96)	1.61 (37.61)	3.1 (-63.74)	0.47 (0.00)	21.12 (21.17)	315.36 (9.14)
2011-12	259.05 (12.19)	19.95 (34.07)	45.63 (5.45)	1.21 (-24.84)	0.59 (-80.97)	5.08 (980.85)	22.24 (5.30)	353.75 (12.17)
2012-13	287.82 (11.11)	24.2 (21.30)	51.81 (13.54)	0.93 (-23.14)	0.61 (3.39)	11.07 (117.91)	11.49 (-48.34)	387.93 (9.66)
2013-14	309.95 (7.69)	24.66 (1.92)	58.69 (13.28)	0.87 (-6.88)	0.51 (-16.56)	14.37 (29.81)	7.92 (-31.07)	416.97 (7.48)
2014-15	336.10 (8.44)	27.30 (10.67)	83.42 (42.13)	0.83 (-4.73)	0.65 (27.90)	15.45 (7.52)	7.15 (-9.72)	470.88 (12.93)
2015-16	339.78 (1.10)	28.85 (5.69)	72.73 (-12.81)	0.86 (3.76)	0.84 (28.26)	14.95 (-3.24)	7.87 (10.07)	465.87 (-1.06)
2016-17	345.74 (1.75)	34.89 (20.94)	69.60 (-4.31)	1.15 (34.58)	0.71 (-15.21)	22.47 (50.30)	10.65 (35.32)	485.21 (4.15)
2017-18	370.77 (7.24)	37.91 (8.64)	86.29 (23.97)	1.10 (-4.25)	0.68 (-3.95)	22.60 (0.58)	9.74 (-8.54)	529.08 (9.04)
2018-19	399.20 (7.67)	45.79 (20.79)	103.33 (19.76)	0.96 (-12.96)	1.04 (53.53)	22.19 (-1.83)	10.11 (3.77)	582.61 (10.12)
2019-20	411.79 (3.15)	43.66 (-4.64)	99.91 (-3.32)	11.37 (1084.38)	0.94 (-10.44)	35.27 (58.97)	12.12 (19.90)	615.05 (5.57)
2020-21	387.57 (-5.88)	39.84 (-8.74)	89.64 (-10.28)	7.41 (-34.85)	0.79 (-16.04)	43.03 (22.01)	9.03 (-25.51)	577.30 (-6.14)
2021-22	405.39 (4.60)	52.47 (31.70)	87.98 (-1.84)	7.84 (5.85)	0.79 (0.25)	41.54 (-3.46)	7.73 (-14.42)	603.75 (4.58)
2022-23	416.36 (2.70)	71.26 (35.79)	101.43 (15.29)	9.87 (25.90)	1.06 (34.28)	38.71 (-6.82)	12.33 (59.60)	651.02 (7.83)

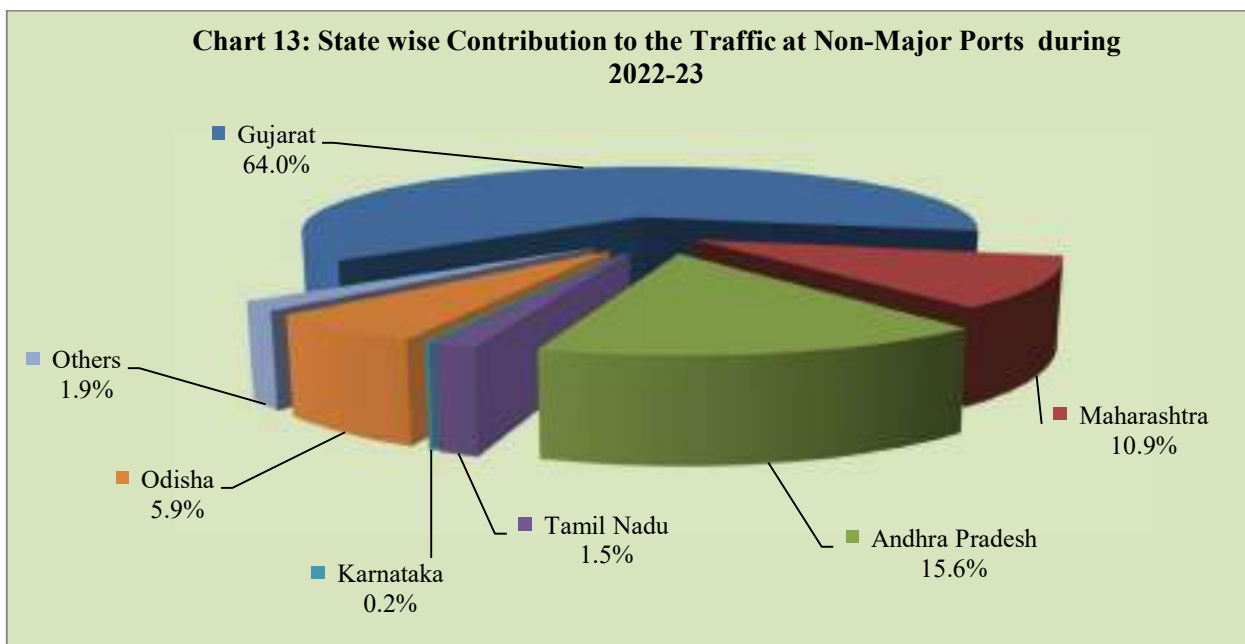
Source:-Non-major Ports/ State Maritime Board/Uts
Others includes Kerala, Andaman & Nicobar Islands, Puducherry and Goa.

16.2 Maharashtra is the only state which recorded the highest growth of 35.8% in the year 2022-23. The share of traffic handled by non-major ports in the maritime states is given in **Table 16**.

Table 16 : Share of Traffic Handled by Non-Major Ports to total traffic at non major ports – Maritime State-wise									
Year	Traffic Handled (In Percentage)								
	Gujarat	Maharashtra	Andhra Pradesh	Goa	Tamil Nadu	Karnataka	Odisha	Others	Total
2010-11	73.2	4.7	13.7	4.6	0.5	1.1	0.1	2.2	100
2011-12	73.2	5.6	13.0	4.1	0.3	0.2	1.4	3.6	100
2012-13	74.2	6.2	13.4	0.9	0.2	0.2	2.9	4.9	100
2013-14	74.3	5.9	14.1	0.1	0.2	0.1	3.4	5.3	100
2014-15	71.4	5.8	17.7	0.2	0.2	0.1	3.3	4.6	100
2015-16	72.9	6.2	15.6	0.1	0.2	0.2	3.2	4.8	100
2016-17	71.3	7.2	14.3	0.0	0.2	0.2	4.6	6.8	100
2017-18	70.1	7.2	16.3	0.0	0.2	0.1	4.3	1.8	100
2018-19	68.5	7.9	17.7	0.0	0.2	0.2	3.8	1.7	100
2019-20	67.0	7.1	16.2	0.0	1.8	0.2	5.7	2.0	100.0
2020-21	67.1	6.9	15.5	0.0	1.3	0.1	7.5	1.6	100.0
2021-22	67.1	8.7	14.6	0.0	1.3	0.1	6.9	1.3	100.0
2022-23	64.0	10.9	15.6	0.0	1.5	0.2	6.0	1.9	100.0

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

16.3 Gujarat continues to be the leading maritime State, accounting for around 64% of the total non-major port cargo traffic in 2022-23. The other major contributing States to the cargo traffic at non-major ports during 2022-23 were: Andhra Pradesh (15.6%), Maharashtra (10.9%) and Odisha (6.0%). The contributions of Tamil Nadu & Karnataka was 1.5% and 0.2% respectively. The remaining 1.9% of the cargo was handled by all the other Maritime States/UTs. This is brought out in the **Chart 13**.



17. CARGO TRAFFIC HANDLED AT NON-MAJOR PORTS – STATE-WISE ANALYSIS

17.1 GUJARAT

17.1.1 Gujarat is a principal maritime State with a natural coastline of about 1215 kms. (16% of India’s total coast line). The State has 48 non-major ports which are under the jurisdiction of Gujarat Maritime Board (GMB) since April, 1982. Out of 48 non-major ports, traffic is handled at 17 non-major ports. The remaining 31 non-major ports are used for fishing activities and have negligible traffic.

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

17.1.3 The total cargo traffic handled at the non-major ports of Gujarat during 2022-23 was of the order of 416.36 million tonnes as against 405.39 million tonnes in 2021-22, reflecting an increase of 2.7% in 2022-23 as compared to 4.6% in 2021-22. Non-major ports of Gujarat accounted for around 64% of the total cargo handled by non-major ports in India during 2022-23.

Overseas traffic in 2022-23 was 369.98 million tonnes with the remaining 46.38 million tonnes being coastal traffic. The traffic handled at important non-major ports of Gujarat during since 2010-11 to 2022-23 is brought out in the **Table -17**.

Table 17 : Gujarat : Traffic Achieved at Select Non-Major Ports										
Year	Traffic Handled (Million Tonnes)									
	Sikka	Magdalla	Jafara-bad	Bedi	Mul-Dwarka	GAPL	Dahej	Pipavav (Inc. GPPL)	Others	Total
2010-11	115.41	18.52	4.46	2.12	3.85	51.91	14.31	7.82	12.51	230.91
2011-12	118.04	20.38	4.12	2.72	3.82	64.79	17.62	9.27	18.29	259.05
2012-13	124.52	22.67	3.41	6.7	3.45	76.94	22.26	8.06	19.81	287.82
2013-14	125.23	19.54	3.43	7.75	3.11	96.22	21.62	9.07	23.98	309.95
2014-15	124.38	20.47	3.75	8.59	3.26	105.86	27.09	11.08	31.61	336.09
2015-16	127.53	21.66	3.69	8.35	3.16	103.47	24.91	9.12	37.88	339.78
2016-17	126.59	25.79	4.68	6.28	3.19	104.55	26.57	8.44	39.65	345.74
2017-18	129.45	29.81	5.58	5.25	3.47	115.76	31.18	8.74	41.53	370.77
2018-19	128.09	33.06	6.00	1.84	3.53	130.13	34.06	10.39	52.11	399.20
2019-20	134.14	34.46	5.97	2.24	3.86	132.32	32.50	10.63	55.67	411.79
2020-21	121.42	28.70	5.20	3.43	2.93	137.65	29.52	10.28	48.43	387.57
2021-22	127.98	32.47	2.65	2.68	3.57	144.21	31.68	10.33	49.84	405.39
2022-23	128.44	30.66	4.95	4.61	3.81	146.06	34.16	11.46	52.22	416.36

17.1.4 GAPL port handled the highest cargo tonnage of 146.06 million tonnes (35.1%) of the total cargo handled by non-major ports in Gujarat in 2022-23. Main commodities handled by GAPL port is Container cargo that contributes to 72.03 % of the traffic handled at the port.

17.1.5 Sikka Port handled the cargo tonnage of 128.44 million tonnes in 2022-23 as compared to 127.98 million tonnes handled in 2021-22. This port accounted for 30.9% of the total cargo handled by the non-major ports in Gujarat in 2022-23, and has witnessed increase in the cargo traffic ever since the commissioning of Gujarat Adani Port Ltd facility. Main commodities handled by GAPL port are Container, Coal and POL & its products.

17.1.6 Dahej port accounted for 34.16 million tonnes (8.2%) of the cargo traffic in 2022-23. Major commodities handled by the port are coal & Iron Ore.

17.1.7 Magdalla Port handled recorded decline and handled 30.66 million tonnes in during 2022-23 as compared to 32.47 million tonnes handled in 2021-22. Magdlla Port accounted for 7.4% share in total traffic. Major commodities handled by the port is ‘POL & its products’

17.1.8 The important ports which showed increase in the cargo handled during 2022-23 were Sikka, Mul-Dwarka, GAPL, Dahej and Pipavav, Jafarabad and Bedi compared to 2021-22 . Commodity-wise analysis of the total cargo handled by the non-major ports in Gujarat indicates that POL and other petroleum products continued to be the major cargo commodity group handled in 2022-23 (Table 18).

Year	Traffic Handled (Million Tonnes)						
	POL & Products	Coal	Building Material	Fertilizer & FRM	Iron Ore	Others	Total
2009-10	132.82	21.64	9.32	5.02	6.84	29.94	205.58
2010-11	140.87	29.73	8.8	6.09	7.16	38.26	230.91
2011-12	151.49	38.37	9.02	7.19	6.92	46.06	259.05
2012-13	165.14	54.34	8.41	6.42	7.64	45.89	287.84
2013-14	165.58	65.76	10.00	5.95	5.17	57.49	309.95
2014-15	163.63	79.99	8.93	7.53	5.63	70.39	336.10
2015-16	174.88	65.90	9.08	10.33	7.51	72.08	339.78
2016-17	180.32	62.42	9.73	8.70	9.38	75.19	345.74
2017-18	188.47	65.96	10.51	5.48	11.58	88.77	370.77
2018-19	186.73	76.77	10.54	7.19	14.02	103.94	399.20
2019-20	190.70	77.97	10.21	8.15	15.00	109.76	411.79
2020-21	151.50	65.42	10.67	9.71	12.43	137.85	387.57
2021-22	160.37	52.72	8.21	7.89	15.85	160.34	405.39
2022-23	161.44	60.85	9.66	7.93	13.38	163.11	416.36

17.1.9 Other Commodities accounted for 39.2% of the total cargo handled in 2022-23. This was followed by POL & products (38.8%), Coal (14.6%), Iron Ore (3.2%), Building Material (2.3%) and Fertilizer & FRM (1.9%).

17.2 ANDHRA PRADESH

17.2.1 Andhra Pradesh is another important maritime State with a coast line of around 975 Kms. There are 15 non-major ports in Andhra Pradesh, of these, 4 ports normally handled cargo traffic and these are: Rawa, Kakinada Anchorage/Kakinada Deep Water Port, Gangavaram and

Krishnapatnam. The State share in the total traffic handled by all non-major ports in the country during 2022-23 was 15.6%.

17.2.2 Non-major ports in Andhra Pradesh collectively handled 101.43 million tonnes of cargo during 2022-23 as compared with 87.98 million tonnes in 2021-22, registering a increase of 15.3% in traffic. The overseas traffic during 2022-23 was 78.40 million tonnes (77.3%) of the total cargo traffic in nonmajor ports of Andhra Pradesh and coastal traffic was of the order of 23.04 million tonnes (22.7%) of total cargo traffic.

Table 19 gives the port wise details of the cargo handled at non-major ports in Andhra Pradesh from 2009-10 onwards up to 2022-23.

Table 19 : Traffic Achieved at Select Non-Major Ports – Andhra Pradesh						
Year	Traffic Handled (Million Tonnes) – Port Wise					
	Rawa	Kakinada Anchorage	Kakinada Deep Water Port	Gangavaram	Krishnapatnam	Total
2009-10	1.85	0.82	11.94	12.95	16.13	43.69
2010-11	1.56	1.15	10.81	13.84	15.91	43.27
2011-12	3.2	3.16	9.85	14	15.42	45.63
2012-13	1.37	3.95	12.32	13.05	21.12	51.81
2013-14	1.54	2.74	13.40	15.81	25.2	58.69
2014-15	1.28	2.70	17.96	20.74	40.74	83.42
2015-16	1.30	2.07	14.97	19.35	35.05	72.73
2016-17	1.01	1.96	12.49	18.04	36.11	69.61
2017-18	0.97	2.01	12.25	25.79	45.26	86.28
2018-19	0.82	1.65	16.13	30.37	54.37	103.33
2019-20	0.74	1.17	15.37	34.49	48.14	99.90
2020-21	0.63	2.82	15.18	32.82	38.18	89.64
2021-22	0.85	2.92	14.08	30.03	40.12	87.98
2022-23	0.71	3.87	16.17	32.43	48.25	101.43

17.2.3 Krishnapatanam handled the highest cargo 48.25 million tonnes (47.57%) followed by Gangavaram (31.97%), Kakinada deep water (15.95%), Kakinada Anchorage (3.82%) and Rawa port (0.70%). Commodity-wise analysis of the total cargo handled by the non-major ports in Andhra Pradesh indicates that Coal (58.30%), Other Cargo (29.83%), Fertiliser & FRM (5.96%) Iron ore (4.59%) , POL & Product (1.14%) and Building material (0.17%) were the principal items of cargo handled during 2022-23 by the Non-Major Ports of Andhra Pradesh **Table 20**.

17.2.4 As seen from **Table 20** traffic in the Coal in 2018-19 has decreased from 56.31 million tonnes to 55.03 million tonnes in 2019-20. The Coal handled at non-major ports of Andhra Pradesh during 2022-23 is 59.14 million tonnes as compared to 45.86 million tonnes in 2021-22. The Iron ore handled at non-major ports of Andhra Pradesh decreased to 4.43 million tonnes in 2021-22 to 4.66 million tonnes an 2022-23.

Table 20 : Commodity-wise Traffic Handled at Andhra Pradesh Non-Major Ports							
(In Million tonnes)							
Year	POL & Products	Iron ore	Building Material	Fertilizer & FRM	Coal	Others	Total
2009-10	3.67	15.26	0.708	4.17	15.24	4.636	43.68
2010-11	2.79	8.96	0.484	5.8	19.62	5.623	43.28
2011-12	3.51	2.97	0.859	7.04	23.51	7.745	45.63
2012-13	1.76	0.98	1.111	5.13	30.85	11.972	51.80
2013-14	1.71	1.47	1.55	5.45	48.66	12.548	71.39
2014-15	1.40	10.53	2.492	5.36	35.96	14.97	70.72
2015-16	1.43	1.62	1.978	5.95	46.20	15.28	72.46
2016-17	2.71	2.98	1.656	4.87	39.52	17.861	69.60
2017-18	1.45	5.95	1.731	5.11	45.26	26.79	86.29
2018-19	1.40	8.13	2.389	7.49	56.31	27.62	103.34
2019-20	1.41	5.42	1.13	6.15	55.03	30.76	99.90
2020-21	1.36	7.66	0.80	2.32	46.54	30.96	89.64
2021-22	1.42	4.43	1.20	4.86	45.86	30.23	87.98
2022-23	1.15	4.66	0.17	6.05	59.14	30.26	101.43

17.3 MAHARASHTRA

17.3.1 Maharashtra has a coast line of around 653 Kms with 48 notified non-major ports. Out of these only 16 ports handled cargo traffic during 2022-23.

17.3.2 The total cargo traffic handled at the non-major ports of Maharashtra during 2022-23 is 71.26 million tonnes as compared to 52.47 million tonnes in 2021-22. This shows increase of 35.8%.

17.3.3 Overseas traffic was increased by 38.5% to 27.44 million tonnes in 2022-23 from 25.44 million tonnes in 2021-22. Coastal traffic also increase in 61.5% to 43.82 million tonnes in 2022-23 from 27.03 million tonnes in 2021-22. The port-wise traffic at non-major ports of Maharashtra

is brought out in **Table 21**. Dharamtar is the leading non-major port of Maharashtra with traffic of 27.54 million tonnes accounting for 38.6% of total traffic at non-major ports handled in the State.

Table 21 : Traffic Achieved at Select Non-Major Ports – Maharashtra						
Year	Traffic Handled (Million Tonnes)					
	Dharamtar	Revdanda	Ulwa-Belapur	Ratnagiri	Others	Total
2009-10	6.84	1.24	1.52	0.7	1.75	12.05
2010-11	7.08	1.67	1.62	0.96	3.55	14.88
2011-12	7.52	1.31	1.66	0.83	8.63	19.95
2012-13	9.72	1.35	1.43	0.86	10.84	24.2
2013-14	10.18	1.05	0	0.67	12.76	24.66
2014-15	10.17	1.14	1.62	0.80	13.56	27.29
2015-16	9.89	1.34	1.62	0.71	15.29	28.85
2016-17	14.28	1.40	1.67	0.73	16.81	34.89
2017-18	14.87	1.98	1.70	0.77	18.60	37.91
2018-19	16.56	1.50	1.75	0.60	25.38	45.79
2019-20	17.31	1.79	1.78	0.62	22.15	43.66
2020-21	16.64	1.03	1.34	0.58	20.26	39.84
2021-22	20.18	0.71	1.88	0.94	28.77	52.47
2022-23	27.54	0.51	1.90	0.46	40.85	71.26

17.3.4 Commodity-wise break-up of the cargo handled by the non-major ports of Maharashtra indicates that Coal traffic of 28.34 million tonnes constituted (39.8%) of the total cargo handled in 2022-23 followed by Iron ore (38.2%), Other commodities (19.1%) and Building Material (2.9%). as shown in the **Table 22**. As seen from the table, all commodities except POL & Products have shown increase in traffic in 2022-23 as compared to 2021-22.

Table 22 : Commodity-wise Traffic Achieved at Non-Major Ports – Maharashtra						
Year	Traffic Handled (Million Tonnes)					
	Iron Ore	Building Material	POL & Products	Coal	Others	Total
2009-10	5.06	2.2	-	2.88	1.91	12.05
2010-11	5.12	2.28	-	5	2.48	14.88
2011-12	6.36	2.49	-	7.59	3.51	19.95
2012-13	7.82	2.04	0.4	10.4	3.54	24.2
2013-14	7.62	2.00	1.12	9.72	4.21	24.67
2014-15	8.82	2.12	1.25	10.92	4.18	27.30
2015-16	7.61	2.24	3.23	12.17	3.60	28.85
2016-17	15.05	2.51	2.16	11.14	4.03	34.89
2017-18	13.38	2.13	2.53	15.48	4.39	37.91
2018-19	17.65	2.33	2.66	18.75	4.40	45.79
2019-20	9.55	2.41	3.78	22.25	5.67	43.66
2020-21	9.54	1.79	0.18	18.99	9.36	39.84
2021-22	15.26	2.60	0.15	22.76	11.71	52.47
2022-23	27.22	2.08	0.00	28.34	13.62	71.26

17.4 GOA

17.4.1 Goa has a coastline of about 118 Kms. There are 5 non-major ports in Goa. Out of this only one port, Panaji normally handles cargo traffic. Panaji port handled cargo traffic of 0.01 million tonnes during 2022-23 as compared with 0.03 million tonnes handled in 2021-22. The commodity composition of traffic is brought out in **Table 23**.

17.4.2 Iron Ore and Coal has been the principal commodity handled at the port, but due to ban on mining of Iron Ore, the cargo traffic at minor port of Goa had declined drastically after 2011-12. The Coal handled decreased from 0.41 million tonnes in 2014-15 to 0.002 during 2022-23.

Table 23 : Commodity-wise Traffic Handled at Non-Major Ports – GOA						
Year	Traffic Handled (Million Tonnes)					
	Iron Ore	Coal	Iron & Steel	Others	Total	
2009-10	13.68	0.22	-	-	13.9	
2010-11	14.58	-	-	-	14.58	
2011-12	14.31	0.16	-	-	14.47	
2012-13	3.28	0.11	-	-	3.39	
2013-14	0.00	0.28	-	-	0.28	
2014-15	0.35	0.41	-	-	0.76	
2015-16	0.26	0.17	-	-	0.43	
2016-17	0.12	0.00	0.00	0.00	0.12	
2017-18	0.07	0.00	0.00	0.00	0.07	
2018-19	0.00	0.00	0.00	0.02	0.02	
2019-20	0.002	0.00	0.00	0.01	0.008	
2020-21	0.007	0.00	0.00	0.03	0.04	
2021-22	0.002	0.002	0.00	0.02	0.03	
2022-23	0.000	0.002	0.00	0.01	0.01	

17.4 KARNATAKA

17.4.1 Karnataka has a coastline of around 280 Kms. with 13 non-major ports. Out of these, only 2 ports normally handled cargo traffic during 2022-23. Non-major ports in the State handled 1.06 million tonnes of cargo traffic during 2022-23 as compared to 0.79 million tonnes in 2021-22 reflecting same cargo handled over the previous year. The port-wise cargo traffic handled in Karnataka is given in **Table 24**.

Year	Traffic Handled (Million Tonnes)					Total
	Karwar	Old Mangalore	Malpe	Belekri	Others	
2009-10	2.2	0.08	-	6.27	-	8.55
2010-11	1.13	0.14	-	1.83	-	3.1
2011-12	0.5	0.09	-	-	-	0.59
2012-13	0.44	0.16	-	-	0.01	0.61
2013-14	0.38	0.13	-	-	0.00	0.51
2014-15	0.53	0.12	-	-	0.00	0.65
2015-16	0.72	0.12	-	-	0.00	0.84
2016-17	0.58	0.12	-	-	0.01	0.71
2017-18	0.60	0.08	0.00	-	0.00	0.68
2018-19	0.95	0.10	0.00	0.000	0.00	1.04
2019-20	0.86	0.07	0.00	0.000	0.00	0.94
2020-21	0.75	0.04	0.00	0.000	0.00	0.79
2021-22	0.73	0.06	0.00	0.000	0.00	0.79
2022-23	1.01	0.05	0.00	0.000	0.00	1.06

17.4.2 The contribution of the Karwar Port was 1.01 million tonnes cargo which constitutes 95.4% of total cargo handled by non-major ports in Karnataka in 2022-23.

17.4.3 Commodity-wise breakup of the cargo traffic handled by the non-major ports of Karnataka is given in **Table 25**.

Year	Traffic Handled (Million Tonnes)						Total
	POL & Products	Granite	Fertiliser	Salt	Iron Ore	Others	
			& FRM				
2009-10	0.04	0.34	-	0.08	7.84	0.22	8.52
2010-11	0.03	0.36	0.02	0.03	2.32	0.31	3.07
2011-12	-	0.23	0.03	0.06	-	0.27	0.59
2012-13	0.04	0.05	0.05	0.05	-	0.42	0.61
2013-14	0.04	0.00	0.08	0.00	-	0.40	0.51
2014-15	0.04	0.00	0.05	0.05	-	0.52	0.66
2015-16	0.08	0.00	0.06	0.00	-	0.70	0.84
2016-17	0.11	0.00	0.04	0.00		0.56	0.71
2017-18	0.18	0.00	0.04	0.00		0.46	0.68
2018-19	0.16	0.00	0.05	0.00	0.00	0.83	1.04
2019-20	0.16	0.00	0.05	0.00	0.00	0.73	0.94
2020-21	0.00	0.00	0.00	0.00	0.00	0.79	0.79
2021-22	0.26	0.00	0.00	0.00	0.00	0.53	0.79
2022-23	0.35	0.00	0.03	0.00	0.00	0.68	1.06

17.5 TAMIL NADU

17.5.1 Tamil Nadu has a coastline of around 906 Kms. The State has 17 non-major ports, out of which only 6 ports handled cargo traffic. During 2022-23 the non-major ports in Tamil Nadu collectively handled 9.87 million tonnes of cargo traffic as compared to 7.84 million tonnes in the previous year. The port-wise traffic is brought out in the **Table 26**.

Year	Traffic Handled (Million Tonnes)						Total
	Ennore	PY-3	Nagapatinam	Tirukkadaiyur	Cuddalore	Katupalli	
2009-10*	0.04	0.07	0.6	0.33	0.12	-	1.16
2010-11*	0.06	0.15	0.86	0.33	0.21	-	1.61
2011-12	0.05	0.06	0.63	0.23	0.24	-	1.21
2012-13	0.03	-	0.37	0.27	0.25	0.01	0.93
2013-14	0.04	0.00	0.31	0.24	0.27	0.01	0.87
2014-15	0.06	0.00	0.22	0.20	0.24	0.11	0.83
2015-16	0.03	0.00	0.30	0.03	0.26	0.25	0.86
2016-17	0.04	0.00	0.30	0.04	0.29	0.48	1.15
2017-18	0.03	0.00	0.44	0.00	0.28	0.34	1.10
2018-19	0.05	0.00	0.33	0.00	0.28	0.30	0.96
2019-20	0.04	0.00	0.08	0.03	0.28	10.93	11.37
2020-21	0.04	0.00	0.04	0.01	0.26	7.05	7.41
2021-22	0.04	0.00	0.05	0.00	0.30	7.44	7.84
2022-23	0.03	0.00	0.08	0.00	0.33	9.43	9.87

17.5.2 Kattupalli port handled the maximum traffic of 9.43 million tonnes during 2022-23 accounting for 99.6% followed by Cuddalore port (0.33 million tonnes) accounting for 3.3% and Other Ports (0.11 million tonnes) accounted for 1.1% of the total traffic handled by all the non major ports in the State.

17.5.3 The commodity-wise breakup of traffic handled at non-major ports in Tamil Nadu indicate that Other Commodities constitute to be the major item of cargo handled (9.12 million tonnes) with share of 92.4% followed by POL & Products (0.75 million tonnes) with a share of 7.6% of the traffic as shown in the **Table 27**.

Table 27 : Commodity-wise Traffic Handled at Non-Major Ports-Tamil Nadu					
Year	Traffic Handled (Million Tonnes)				
	POL & Products	Fertiliser & FRM	Edible Oil	Others	Total
2009-10	1.04	0.05	0.05	0.03	1.17
2010-11	1.5	0.06	0.04	0.01	1.61
2011-12	1.11	0.05	0.03	0.02	1.21
2012-13	0.63	0.25	0.02	0.03	0.93
2013-14	0.79	0.04	0.00	0.04	0.87
2014-15	0.42	0.29	0.00	0.12	0.83
2015-16	0.54	0.03	0.03	0.28	0.88
2016-17	0.30	0.04	0.04	0.77	1.15
2017-18	0.42	0.03	0.00	0.65	1.10
2018-19	0.57	0.11	0.04	0.23	0.96
2019-20	0.51	0.04	0.04	10.78	11.37
2020-21	0.53	0.21	0.00	6.67	7.41
2021-22	0.31	0.00	0.00	7.53	7.84
2022-23	0.75	0.00	0.00	9.12	9.87

17.6 ODISHA

17.6.1 Odisha has a coastline of 480 Kms. from Andhra Pradesh border in Ganjam District to West Bengal border in Balasore District. It is endowed with conducive, unique, natural and strategic port locations. The Government of Odisha identified 14 potential sites for development of Minor Ports. To facilitate developers for development of Minor Ports, Government of Orissa framed the Port Policy during the year 2004.

17.6.2 The advantages for development of sea ports in Odisha includes availability of a vast hinterland generating cargo, comprising of other developing Eastern and Central Indian States, mineral rich hinterland which offers long term potential for cargo which need seaport facility in Orissa. The State has 14 non-major ports, out of which only 2 ports handled cargo traffic. During 2022-23 the non-major ports in Odisha collectively handled 38.71 million tonnes of cargo traffic as

compared to 41.54 million tonnes in 2021-22 showing a decrease of 6.8%. The port-wise traffic is brought out in the **Table 28**.

Year	Traffic Handled (Million Tonnes)		
	Dhamra	Gopalpur	Total
2009-10*	-	0.47	0.47
2010-11*	-	0.47	0.47
2011-12	5.08		5.08
2012-13	11.07	-	11.07
2013-14	14.30	0.07	14.37
2014-15	15.45	-	15.45
2015-16	14.71	0.24	14.95
2016-17	21.42	1.05	22.47
2017-18	21.45	1.15	22.60
2018-19	20.68	1.51	22.19
2019-20	29.71	5.56	35.27
2020-21	32.38	10.65	43.03
2021-22	33.44	8.10	41.54
2022-23	31.28	7.43	38.71

17.6.3 The commodity-wise breakup of traffic handled at non-major ports in Odisha indicate that Coal constitute the major item of cargo handled (21.37 million tonnes) with a share of 55.2% followed by Other commodity (27.5%), Iron ore (16.6%) and Fertiliser and FRM Dry (0.7%) as shown in the **Table 29**.

Table 29 : Commodity-wise Traffic Handled at Non-Major Ports-Odisha

Year	Traffic Handled (Million Tonnes)				
	Fertiliser & FRM Dry	Iron Ore	Coal	Others	Total
2009-10	0.03	0.13	0.14	0.16	0.47
2010-11	0.03	0.13	0.14	0.16	0.47
2011-12	0.00	0.06	4.56	0.47	5.08
2012-13	0.00	1.65	8.89	0.52	11.07
2013-14	0.00	3.49	10.15	0.73	14.37
2014-15	0.00	1.13	13.41	0.92	15.45
2015-16	0.00	0.31	12.77	1.87	14.95
2016-17	0.28	6.43	13.71	2.06	22.47
2017-18	0.13	4.92	13.86	3.69	22.60
2018-19	0.51	4.58	12.92	4.17	22.19
2019-20	0.31	9.73	15.40	9.83	35.27
2020-21	0.55	13.40	17.39	11.70	43.03
2021-22	0.45	6.91	19.57	14.62	41.54
2022-23	0.28	6.43	21.37	10.64	38.71

SECTION – II

1. VITAL PORT STATISTICS

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

(As on 31.3.2023)

State / U.T.	Number of Major Ports	Number of Non-Major Ports(a)	Total Number of Ports
1	2	3	4
<u>WEST COAST</u>			
Gujarat	1	48	49
Maharashtra	2	48	50
Goa	1	5	6
Daman & Diu	-	2	2
Karnataka	1	13	14
Kerala	1	17	18
Lakshadweep Islands	-	10	10
<u>EAST COAST</u>			
Tamil Nadu	3	17	20
Puducherry	-	3	3
Andhra Pradesh	1	15	16
Odisha	1	14	15
West Bengal	1	1	2
Andaman & Nicobar Islands	-	24	24
TOTAL	12	217	229

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

For details see Table 1.2.

Source : M/o Ports, Shipping & Waterways/State Maritime Boards/Uts

Table 1.2

List of Non-Major Ports

(As on 31.03.2023)

S.No.	PORTS	S.No.	PORTS	S.No.	PORTS	S.No.	PORTS
GUJARAT				ODISHA			
1	Alang*	64	Karanja*	124	Manki	183	Gopalpur*
2	Bedi*	65	Kelshi*	125	Old Mangalore*	184	Bahabalpur
3	Beyt	66	Kelwa-Mahim	126	Padubidri	185	Bahudamuham (Sone pur)
4	Bhagwa	67	Kiranpani	127	Pavinakurve	186	Palur
5	Bharuch	68	Kumbharu	128	Tadadi	187	Baliharichandi
6	Bhavnagar*	69	Malvan	129	Kenii [@]	188	Astaranga
7	Bhogat	70	Mandad	LAKSHADWEEP			
8	Billimora	71	Mandwa	130	Agatti*	189	Jatadhar Muhan
9	Chhara	72	Manori	131	Amini	190	Bichitrapur (Talashari)
10	Dahej*	73	Mora	132	Androth	191	Dhamra*
11	Ghogha	74	Murud- Junjira	133	Bitra	192	Chudamani
12	Hazira(Surat)- HPPL* & AHPPL*	75	Nandgaon	134	Chetlat	193	Inchudi
13	Jafarabad*	76	Navapur	135	Kadmat	194	Chandipur
14	Jakhau*	77	Nivati	136	Kalpeni	195	Subanarekha Mouth (Kirtania)
15	Jodia	78	Palshet	137	Kavaratti	196	Riverine
16	Khambhat	79	Purnagad	138	Kiltan	KERALA	
17	Kolak	80	Rajpuri / Dighi*	139	Minicoy	197	Vizhinjam*
18	Kotda	81	Ratnagini*	ANDAMAN & NICOBAR			
19	Koteshwar	82	Redi*	140	Campbell Bay*	198	Valiyathura(Thiruvananthapuram)
20	Madhvad	83	Revdanda*	141	Chowra	199	Kollam(Thankaserry)
21	Magdalla*	84	Rewa (Thal)	142	Cinque & South cinque Islands	200	Neendakara*
22	Mahuva	85	Satpati	143	Diglipur(Port Cornwallis)*	201	Alappuzha
23	Mandvi	86	Shriwardhan	144	Dugong Creek	202	Kodungallore(Munambam)
24	Adani Ports & SEZ Ltd.(GAPL)*	87	Tarapur	145	East Island	203	Ponnani
25	Mangrol	88	Thane	146	Swaraj Dweep (Havelock)*	204	Kozhikkode
26	Maroli	89	Trombay*	147	Hut Bay*	205	Beyepore*
27	Mul-Dwarka*	90	Ulwa-Belapur(Panvel)*	148	Katchal (East Bay)*	206	Thalassery
28	Mundra (Old)*	91	Uttan	149	Kondul	207	Kannur
29	Nargol	92	Vasai*	150	Macpherson (Jolly bouy)	208	Kasaragod
30	Navabander	93	Varoda (Tiwari)	151	Malacca Car Nicobar (East)*	209	Neeleswaram
31	Navlakhi*	94	Vengurla	152	Mayabunder*	210	Azhikkal*
32	Okha*	95	Versova	153	Port Meadow	211	Kayamkulam
33	Onjal	96	Vijaydurg*	154	Mus Carnicobar (West)	212	Vadakara
34	Pindhara	ANDHRA PRADESH		155	Nancowry Harbour(Camotra)*	213	Manjeswaram
35	Pipavav (GPPL)*	97	Bhavanpadu	156	Shaheed Dweep (Neil Island)*	PUDUCHERRY	
36	Porbandar*	98	Calingapatnam	157	Pillomillow	214	Pondicherry
37	Pipanaav(Victor)	99	Gangavaram	158	Port Blair*	215	Karaikal*
38	Rajpara	100	Bheemunipatnam	159	Rangat(Elephinston Horbour)*	216	Chemplast Sanmar (Karaikal)*
39	Rupen	101	Nakkapalli	160	South Bay	WEST BENGAL	
40	Sachana	102	Kakinada Anchorage Port *	161	Teresa	217	Tajpur ^{##}
41	Salaya*		Kakinada Deepwater Port	162	Tillanchong		
42	Sikka*	103	Ravva Port*	163	Tillanchong (Castle Bay)		
43	Talaja	104	Narasapur	TAMIL NADU			
44	Umargam	105	Krishnapatnam Port*	164	Colachel		
45	Umarsadi	106	Machilipatnam	165	Cuddalore*		
46	Valsad	107	Vodaravu	166	Ennore Minor Port*		
47	Vansi-Borsi	108	Nizampatnam	167	Kanyakumari		
48	Veraval	109	Ramayyapatnam	168	Kattupalli*		
MAHARASHTRA		110	K-SEZ Port(Kakinada SEZ Port) ^{@*}	169	Koodankulam*		
49	Arnala (Datiware)	111	Meghavaram [@]	170	Thirukkadaiyur*		
50	Achara	GOA		171	Nagapattinam*		
51	Bandra	112	Betul	172	Pamban		
52	Bankot*	113	Chapora	173	Thiruchopuram		
53	Bhiwandi*	114	Panaji*	174	PY-3 Oil field		
54	Borya	115	Talpona	175	Rameswaram		
55	Borii Mandala	116	Tiracol	176	Panaipur [@]		
56	Dahanu*	KARNATAKA		177	Silambimanglam [@]		
57	Dabhol*	117	Belekeri	178	Parangipetta [@]		
58	Deogad	118	Bhatkal	179	Thirukkuvalai [@]		
59	Dharamtar (Alibag)*	119	Hangarkatta	180	Udangudi [@]		
60	Harnai	120	Honnar	DAMAN & DIU			
61	Jaigad*	121	Karwar*	181	Daman		
62	Jaitapur	122	Kundapur	182	Diu		
63	Kalyan	123	Malpe				

Source : State Maritime Boards/ States/ Uts

Note : ([@]) Newly added ports as per information received from Andhra Pradesh Maritime Board dated 07.06.2022, Ports & IWT department, Government of Karnataka dated 06/06/2022 and Tamil Nadu Maritime Board dated 07.06.2022.

As per the information provided by Tamil Nadu Maritime Board dated 07.06.2022; Valinokkam, Manappad & Punnakkayal ports are denotified ports.

* 66 cargo handling ports

Table 1.3

Topography of Major Ports

(As on 31.3.2023)

Port	Location		Entrance Channel			Turning Circle		Type of Dock / Port
	Latitude	Longitude	Distance of anchor from Harbour entrance(In Km)	Minimum Depth (In Mtrs.)	Minimum Width (In Mtrs.)	No.	Diameter (In Mtrs.)	
1	2	3	4	5	6	7	8	9
DEENDAYAL	22° 58' N	70° 13' E	26.0	9.0 m	250	NA	NA	Tidal Port
Vadinar (OOT)	2.45N	69.14 E	8.0	23.5	1500	^	^	Single Buoy Mooring/ POL Product jetty (Off -Shore Oil terminal)
Mumbai	18d 55'05"	72d51'57"	2.85	8.2	429	-	-	Indian Dock approach Channel
	18d55'59"	72d50'38"						
	18d55'46"	72d51'09"	1.9	8	251.2	1	600	OCT
	18d56'46"	72d51'24"						
	18d57'12"	72d51'23"	0.99	4	153	-	-	P & V
	18d57'17"	72d50'50"						
	18d56'39"	72d54'32"	2.5	10.5	300	1	660	JD
	18d57'54"	72d54'58"						
	18d58'51"	72d55'24"	0.75	9	200	1	450	NPP
	18d58'37"	72d55'03"						
	18d59'37"	72d55'03"	1.35	10.5	300	1	460	SCB
	18d57'54"	72d54'58"						
	18d59'10"	72d55'54"	3.5	4.5	122	1	370	OPP
	18d59'18"	72d54'30"						
	18d56'08"	72d53'47"						
J.L.Nehru	18° 56' 43"N *	72° 56' 24" E	19.2#	14.4-15.6	450	2	600	All Weather Tidal Port
Mormugao	15° 25 46' N	73° 47 11' E	5.2	14.4	250	2	480	Natural harbour protected by Breack water and mole (at the mount of river Zuari)
New Mangalore	12° 56' N	74° 49' E	7.50	15.4 MCD	245	1	570	Artificial Lagoon port with open berths
Cochin	9° 58.2' N	76-15.5 E	16.0	15.95	260	2	500 - 670	Riverine
V.O. Chidambaranar	8° 45' N	78° 13' E	3.80	(-)14.70	230	1	488	Artificial Harbour
Chennai	13° 06' N	80° 18' E	7.00	IH 18.6 OH 19.2	244 to 410	1	560	All weather artificial harbour with one outer harbour and one inner harbour with a wet dock and round the clock navigation facilities.
Kamarajar	13° 15'5.9"N	80° 19'36.59" E	5.2	18.5	270-300	2	TC 700 TC 600	Major Port
Visakhapatnam								
Inner Harbour@	17° 41' N	83° 17' E	1.62 (IC)	-16.1	111	2	440	Natural Harbour
Outer Harbour@			2.46 (OC)	-22.0	250	1	610	Artificial Harbour
Paradip	20° 15' 58".63"N	86° 40' 27".34"E	2.2	-17.1	240	1	520	Wet Dock
SMP Kolkata Dock System	22° 33' N	88° 18' E	232	3\$	45	2	KPD-190 NSD-228	Riverine with impounded Docks & River side Jetties.
SMP Haldia Dock SMP Complex	22° 02'N	88° 06' E	110	53 (Draft variable Min-7.8, Max- 8.8)	545	1	545	Impounded dock with riverine oil jetties

* At GTI Berth South-West Corner

** Including both turning circles

#) Nautical Miles

\$ Draft variable Min-5.4, Max-8.3

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

^ The width required for a ship to turn full circle is very less, hence concept of turning circle is not applicable at Kandla

Source:- Major Ports

Table 1.4 Berths Available at Major Ports

(As on 31-03-2023)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2021-22	2022-23
1	2	3	4	5	6
DEEN DAYAL PORT					
I) Cargo Jetty					
CJ-I - Multipurpose	10.5	182.87	45,000	96	99
CJ-II - Multipurpose	10.5	182.87	45,000	95	94
CJ-III - Multipurpose	10.5	182.87	45,000	93	93
CJ-IV - Multipurpose	10.5	182.87	45,000	95	96
CJ-V - Multipurpose	10.5	205.73	45,000	91	81
CJ-VI - Multipurpose	12.0	205.73	75,000	90	87
CJ-VII - Multipurpose	12.0	238.64	75,000	96	88
CJ-VIII - Multipurpose	12.0	213.04	75,000	100	100
CJ-IX - Multipurpose	12.0	182.87	55,000	79	100
CJ-X - Multipurpose	12.0	205.72	55,000	98	94
CJ-XI - Multipurpose & Container	14.0	281.00	65,000	81	81
CJ-XII - Multipurpose & Container	14.5	264.00	65,000	87	87
CJ- XIII- Multipurpose & Container	13.5	300.00	75,000	88	98
CJ-XIV	14.5	195.00	75,000	87	98
CJ-XV	14.5	2016.00	75,000	81	98
CJ-XVI	14.5	215.00	75,000	76	98
Tuna Takera					
Berth No.1	}	15.0	600.00	50	52
Berth No.2					
Berth No.3					
Berth No.4					
II) IFFCO BARGE JETTY					
...	...	...	...	24	30
III) Oil Jetty					
OJ-I - POL Products,Veg.Oil & other Liquids	10.5	213.4	40,000	97	98
OJ-II - POL Products, Veg.Oil & other Liquids	10.6	183.0	52,000	99	99
OJ-III - POL Products, Veg. Oil & other Liquids	10.3	213.4	40,000	98	98
OJ-IV - POL Products, Veg. Oil & other Liquids	10.7	216.0	56,000	96	99
OJ-V - Phos. Acid & Ammonia	9.5	216.0	45,000	78	81
OJ-VI - POL Products	10.1	216.0	45,000	84	78
OJ-VII - POL Products	12.5	220.0	65,000	-	86
IV) At Vadinar					
SBM-I - POL Crude	30.0	...	3,00,000	54	40
SBM-II - POL Crude	30.0	...	3,00,000	53	40
SBM-III - POL Crude	30.0	...	3,00,000	79	66
Essar C. Jetty -I	14.0	...	1,00,000	79	54
Essar C. Jetty -II	14.0	...	1,00,000	85	53
V) Adani Kandla Bulk Terminal PVT. LTD. (PPP)					
Berth No. 1 Dry Cargo berth	15.0	300.00		-	-
Berth No. 2 Dry Cargo berth	13.0	230.00		-	-
Berth No. 3 Dry Cargo berth	15.0	300.00		-	-
Berth No. 4 Dry Cargo berth	13.0	190.00		-	-
MUMBAI					
Indira Docks					
1. Indira Dock Multi-Purpose berth	8.84 to 9.14	180	...	48	36
2. Indira Dock Multi-Purpose berth	8.84 to 9.14	158	...	31	26
3. Indira Dock Multi-Purpose berth	8.84 to 9.14	158	...	14	28
4/5. Indira Dock Multi-Purpose berth	8.84 to 9.14	158	...	10	3
9. Indira Dock Multi-Purpose berth	8.84 to 9.14	152	...	3	0
J/E Indira Dock Multi-Purpose berth	8.84 to 9.14	130	...	42	18
10.Indira Dock Multipurpose	8.84 to 9.14	152	...	24	18
11. Indira Dock Multipurpose	8.84 to 9.14	152	...	12	7
12. Indira Dock Multipurpose	8.84 to 9.14	152	...	22	21
12 A. Indira Dock Multipurpose	8.84 to 9.14	180	...	27	13
12 B. Indira Dock Multipurpose	8.84 to 9.14	180	...	0	26
13 Indira Dock Multipurpose	8.84 to 9.14	158	...	38	62
13 A. Indira Dock Multipurpose	8.84 to 9.14	180	...	76	68

Table 1.4 Contd...

Berths Available at Major Ports

(As on 31-03-2023)

Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage	
				Occupancy during	
				2021-22	2022-23
1	2	3	4	5	6
13 B. Indira Dock Cargo and Bulk Cargo	8.84 to 9.14	180	...	6	7
14. Indira Dock Multipurpose	8.84 to 9.14	158	...	11	16
15. Indira Dock Multipurpose	8.84 to 9.14	158	...	24	23
16. Indira Dock Multipurpose	8.84 to 9.14	158	...	49	44
18. Indira Dock Multipurpose	7.0 CD	183	...	46	49
19/20. Indira Dock Multipurpose	7.0 CD	168	...	60	70
21. Indira Dock Multipurpose	7.0 CD	168	...	71	86
22/23. Indira Dock Multipurpose	7.0 CD	168	...	0	0
Ballard Station					
Ballard Pier station - Container	10.0 CD	244	...	58	69
Ballard Pier Extn.	10.0 CD	232	...	73	75
Victoria Dock *					
1. Multipurpose Berth	6.7	140	...	*	*
2. Multipurpose Berth	6.7	140	...	*	*
3. Multipurpose Berth	6.7	140	...	*	*
4. Multipurpose Berth	6.0	140	...	*	*
5. Multipurpose Berth	6.7	140	...	*	*
6. Multipurpose Berth	6.7	140	...	*	*
7. Multipurpose Berth	6.7	140	...	*	*
8. Multipurpose Berth	6.7	140	...	*	*
9. Multipurpose Berth	6.7	140	...	*	*
10/11. Multipurpose Berth	6.7	140	...	*	*
12. Multipurpose Berth	6.7	140	...	*	*
14. Multipurpose Berth	6.7	140	...	*	*
Prince's Dock *					
A. Multipurpose Berth	6.1 to 6.4	152	...	**	**
B. Multipurpose Berth	6.1 to 6.4	152	...	**	**
C. Multipurpose Berth	6.1 to 6.4	152	...	**	**
D. Multipurpose Berth	6.1 to 6.4	152	...	**	**
F. Multipurpose Berth	6.1 to 6.4	152	...	**	**
G. Multipurpose Berth	6.1 to 6.4	152	...	**	**
N/O. Multipurpose Berth	6.1 to 6.4	152	...	**	**
P/Q. Multipurpose Berth	6.1 to 6.4	152	...	**	**
OCT 2 Multipurpose Berth	9	350	...	20	27
OCT 1 Multipurpose Berth	9.4	350	...	27	28
Jawahar Dweep					
1. JD - POL	11.58	244	70,000	61	52
2 JD - POL	10.97	244	48,000	23	12
3. JD - POL	11.58	244	70,000	58	48
4 JD - POL	14.30	493	1,25,000	43	41
5 JD - POL	17.00	470	Stated operations fr	61	69
PIR PAU - POL/Chem	7.50	174	35,000	0	0
NEW PIR PAU - POL/Chem	12.00	197	47,000	81	74
* New PIR Pau 2	13.00	230	-	76	73

Note: Only Cargo and Passenger vessels are considered

Table 1.4 Contd...

Berths Available at Major Ports

(As on 31-03-2023)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during		
				2021-22	2022-23	
1	2	3	4	5	6	
J.L.NEHRU						
CB-01 - Container JNPCT	}	15	680	150,000	79	60
CB-02 - Container JNPCT		15	600	150,000	11	20
CB-04 - Container NSICT		15	712	150,000	32	56
CB-05 - Container GTIPL		15	330	150,000	73	7347
CB-06 - Container NSICT		15	1000	150,000	82	68
APMT-01-Container BMCT	}	15	1000	150,000	80	70
APMT-02-ContainerBMCT		15	1000	150,000	75	80
Liquid Cargo Berth(BPCL)						
Piled Jetty-Seaward-LB-01		15	300#	100,000	91	91
Inner face-LB-02		10.5	280##	50,000	83	82
SB-01 Shallow Draught Berth	}	8.0	445 }	30,000	2	0
SB-02 Shallow Draught Berth		10.7			45	47
SB-03 Shallow Draught Berth		10.7			59	75
CCB-01 Coastal cargo berth		7.7	250	-	2	27
BM -1		-	-	-	45	55
BM -2		-	-	-	16	49
BM -3		-	-	-	43	47
MORMUGAO						
5 General Cargo(a)	}	14.0	300	50000	50	24
6. Coal, Coke		13.0	50	70000	70	55
7. Coal, Coke		14.0	300		57	52
8. Liquid Bulk		13.0	50	125000	23	27
9.General Cargo except Coal		14.0	222	275000	51	38
10. General Cargo	}	12.5	250	55000	51	37
11. General Cargo		12.5	270	65,000	69	59
F.J. Finger Jetty					-	-
Barge Berth No. 1 to3		9.5	-		-	-
Barge Berth No. 4		7.0	194.0			
Barge Berth No. 5		13.0	210.0			
Barge Berth No. 6		14.0	240.0			
Mooring Dolphins						
No.1 Mix Cargo (except Coal)		13.1	340	70,000	-	-
No2. Iron ore /Coal		13.1	340	70,000	-	-
No.3 Iron ore		13.1	340	70,000	-	-
No.4 Mooring Dolphins		13.1	340	70,000	-	-
No.5 Mooring Dolphins		13.1	340	70,000	-	-
No.6 Mooring Dolphins		13.1	360	70,000	-	-
NEW MANGALORE						
Berth No. 1 General Cargo*		7.0	125	4000	9	-
Berth No. 2 General Cargo		10.5	198	30000	34	16
Berth No. 3 General Cargo		10.3	198	30000	42	35
Berth No. 4 General Cargo/Liq. Amonia/Phos. Acid		9.5	198	30000	16	17
Berth No. 5 General Cargo/Bulk Cement/Edible Oil		9.5	198	30000	39	41
Berth No. 6 Coal/Bulk Cargo		9.5	198	30000	27	20
Berth No. 7 Coal/Bulk Cargo		9.5	198	30000	33	17
Berth No.8 Coal/ Iron Ore (KIOCL)		12.5	300	60000	38	38
Berth No.9 LPG		10.5	330	45000	39	51
Berth No.10 Cruid/ POL Product		14.0	320	85000	47	61
Berth No.11 Cruid/ POL Product		14.0	320	85000	46	55
Berth No.12 POL Product/LPG/Chemical		12.5	320	50000	85	72
Berth No.13 POL Product		14.0	350	85000	74	75
Berth No. 14 Coal/Bulk cargo		14.0	350	90000	66	52
Berth No.15 Coal (UPCL)		14.0	350	90000	7	14
Berth No.16 Coal/Bulk Cargo		14.0	325	90000	35	38
Single Point Mooring (SPM) ^		21.0	-	300000	39	34

JNPA: CCB- Coastal Cargo berth.

Mormugao : Berth No. 7 has been commissioned with effect from 6.6.2014.

NMPA: ^ Leasing of Berth No. 1 to Indian Coast Guard.

^ During Mansoon period from June, 2022- August, 2022 no cargo handling.

Table 1.4 Contd...

Berths Available at Major Ports

(As on 31-03-2023)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2021-22	2022-23
1	2	3	4	5	6
COCHIN					
Q1 - General Cargo	9.1	188	16000	22	31
Q2 - General Cargo	9.1	228	16000	3	0
Q3 - General Cargo	9.1		16000	0	0
Q4 - POL Product	9.14	251	30000	38	39
Q5 - General Cargo/Finished Fertiliser/CBFS	10.0	503	20000	55	59
Q6 - General Cargo/Container/CBFS			20000	39	48
Q7 - General Cargo	10.5		20000	31	36
Q8 - General Cargo	11.0	414	60000	23	24
Q9 - General Cargo			60000	27	31
Q10 - Fert. Raw Materials/Phos.Acrid	11.5	278	60000	50	45
BTP - Passenger & Cargo/Liquid Bulk	10.0	270	35000	57	63
NCB - General Cargo/Liquid Amonia	9.1	209	35000	29	38
SCB - General Cargo/Liquid Amonia	9.1	192	15000	0	0
COT - POL /Crude	12.5	430	115000	60	48
NTB - POL Products	9.1	298	30000	44	22
STB - POL Products	9.1	266	20000	0	1
SPM - Crude Oil	22.5	NA	300000	46	54
V2 Container	14.5	600	100000	67	57
V3 Container	14.5		100000	64	60
LNG	12.5	376.5	100000	5	5
UTL	5.3	300	-	100	100
MULT				0	0
V.O.CHIDAMBARANAR					
Alongside Berths					
Berth No.1 - General Cargo	9.3	210	45269	59	52
Berth No.2 - General Cargo	9.3	210	57809	45	47
Berth No.3- Bulk Cargo	11.5	210	58642	62	78
Berth No.4 - Bulk & Ph.Acrid	11.5	210	70101	58	74
Berth No.5 - Passenger & GC	8.6	183	57196	59	24
Berth No. 6 - General Cargo	9.3	200	56842	51	52
Berth No.7- Genral Cargo **	11.7	370	28966	35	347
Container Terminal					
Berth No.8 - Container **	14.2	345	60429	65	67
Berth No.9 - Container	14.2	335	82962	59	73
Shallow Drought Berth					
Berth No.1 - General Cargo SBW I	5.9	140	5400	-	-
Oil Jetty					
NCB I	14	306	57305	52	67
NCB II	14	306	-	-	-
Oil Jetty- POL, Ammonia	13	150	73711	22	21
Coal Jetties					
Coal Jetty No.1 -Thermal Coal	13	301	57196	9	63
Coal Jetty No.2- Thermal Coal	14	318	73879	66	81
EARM General Cargo	7.4	140	6298	-	-
Zone- B Jetty	9	185	-	-	-
Coastal Birth CBW	9	185	-	44	44
CHENNAI					
Dr. Ambedkar Dock					
1. 19A North Quay - Passenger/ G.C./LB	8.5	198	...	39	46
2. 18A West Quay I - G.C./Other Liquid Cargo	11.0	170.6	...	40	39
3. 17A West Quay II - General Cargo/RO-RO/LB	12.0	170.6	...	21	34
4. 16A Centre Quay - General Cargo/Food Grains	12.0	170.6	...	30	19
5. 15A West Quay III - General Cargo/Food Grains	12.0	170.6	...	50	44

Table 1.4 Contd...

Berths Available at Major Ports

(As on 31-03-2023)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2021-22	2022-23
1	2	3	4	5	6
6. 14A West Quay 4 - Fert./General Cargo/Passenger	11.0	170.6	...	37	51
7. 13A South Quay 1 - Fert./General Cargo/Dry Bulk	9.5	246.0	...	75	39
8. 6A South Quay 2 - Fert./General Cargo/Dry Bulk/LB	9.5	179.0	...	64	36
Jawahar Docks					
9. 12J - Dry Bulk/General	12.5	218.3	...	43	43
10. 11 J - Dry Bulk/General	13.0	218.3	...	43	47
11. 10J - Dry Bulk/General	13.0	218.3	...	42	42
12. 7J - Dry Bulk/Liquid/General	14.0	218.3	...	43	53
13. 8J - Dry Bulk/Liquid/General	14.0	218.3	...	62	64
14. 9J - Dry Bulk/Liquid/General	12.5	218.3	...	46	42
Bharathi Docks					
15. 26B - POL	14.6	355.7	...	56	63
16. 24B -POL/Other Liquid	16.5	382.0	...	54	55
17. 24B - POL	16.5	325.1	...	58	65
Container Terminal					
18. 20B - Containers	13.4	200.0	...	39	28
19. 21B - Containers	13.4	200.0	...	38	36
20. 22B - Containers	13.4	200.0	...	45	42
21. 23B - Containers	15.0	285.0	...	45	55
International Terminal					
22. SCB-I - Containers 5A	15.0	275.0	....	16	17
23. SCB-II - Containers 4A	15.0	270.0	....	47	40
24. SCB-III-Containers 3A	15.0	287.0	....	39	38
Coastal berth					
25. 1B Coastal berth I	11.0	130.0		32	44
26. 2B Coastal berth I	10.0	130		42	16
27. Bunker Berth	9.0	180		-	-
KAMARAJAR					
Coal Berth - 1	14.5	280	77000	82	80
Coal Berth - 2	14.5	280	150000	80	93
Ennor Coal Terminal	16.5	347.5	150000	69	80
Marine Liquid Terminal-1-POL/Chemicals	13.5	360	70000	86	81
Multi Cargo Terminal	16.0	347	-	36	37
Container Terminal 1 (Phase I)	14.5	400	-	42	46
General Cargo Terminal	10.0	278		3	39
Ennor Bulk Terminal	14.5	270.0	-	-	-
Coal Berth-3	18.5	354.0	-	-	-
Coal Berth-4	18.5	340.5	-	-	-
LNG Terminal	14.5	362		3	3
VISAKHAPATNAM					
Inner Harbour					
Multipurpose Berths					
East Quay - 1	14.5	280.0	...	0	24
East Quay - 2@	14.5	530.0	...	0	0
East Quay - 3@			...	91	79
East Quay - 4@			...	91	80
East Quay - 5@			...	0	0
East Quay - 6	11.0	185	...	84	81
East Quay - 7	14.5	255	...	87	84
East Quay - 8	14.5	255	...	55	72
East Quay - 9	14.5	255	...	66	73
East Quay -10	11.0	160	...	9	7
West Quay - 1	13.5	212	...	77	84
West Quay - 2	13.5	227	...	80	72
West Quay - 3	13.5	201	...	76	83
West Quay - 4	11.5	243	...	74	68
West Quay - 5	11.5	242	...	47	47
West Quay -6	13.0	255	...	49	71
RE WQ-I -POL and small Jatties	11.0	164	...	0	0
West Quay -7	14.5	280	...	66	75
West Quay -8	14.5	280	...	56	74
Captive Berths					
OR - 1*	De-commissioned w.e.f 21.2.2021			0	0

@ EQ-2 to EQ-5 Berth are reconstructed berths.

* OR 1 berth de-commissioned w.e.f 21.2.2021 for revamping of OR-1 and OR-2 berth.

Table 1.4 Contd...

Berths Available at Major Ports

(As on 31-03-2023)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2021-22	2022-23
1	2	3	4	5	6
OR2	9.8	183		81	75
OR3	10.1	180		23	32
Outer Harbour					
1. VGCB - General cum Bulk Cargo@-Multipurpose	18.1	356	...	70	80
Captive Berths					
OB -Iron Ore/Coking Coal/Steam coal	16.5	300	...	78	85
OB -2 Iron Ore/Coking Coal/Steam coal					
OSTT - Crude Oil *	17.0	408	...	35	28
LPG -POL/LPG	14.0	371.0	...	59	65
VCTPL- 1&2	16.0	451		75	41
VCTPL-3&4	16.0	395			36
SPM-CRUDE OIL	-			-	-
FB	10.1	168.0	-	42	-
REWQ I *	11.0	164.0	-	-	-
Green Channel Berth	8.2	185.0		-	-
PARADIP					
Iron Ore Berth-Iron Ore	13.0	210 dolphin to Dolphin 320	70,000	44	40
East Quay - I -General	14.5	685	60000	70	30
East Quay - II-General	14.5		60000	28	23
East Quay - III-General	12.5		70000	32	31
South Quay-General	12.5	270	60000	76	74
Central Quay - I-General	14.5	750	95000	83	79
Central Quay - II-General	14.5		95000	79	68
Central Quay - III-General	14.5		95000	48	41
Fertiliser Berth - I	14.5	250	95000	54	59
Fertiliser Berth - II	14.5	230	95000	73	75
Multipurpose Berth-General (MPB)	14.5	250	95000	82	80
Coal Berth - I	14.5	260	80000	71	79
Coal Berth - II	14.5	260	80000	74	73
North Oil Jetty	13.5	Dolphin to Dolphin 360 mtrs	80000	53	40
SPM	21.0	-	32000	62	78
SPM -II	23.0				
SPM -III	23.0				
South Oil Jetty	14.0	Dolphin to Dolphin 360 mtrs	-	67	62
RO-RO Jetty- P. Cargo	5.5	50	10000	-	-
North Quay-I	5.0	-	-	-	-
North Quay-II	7.5	130	-	-	-
PICT	14.5	450		87	79
NIOB	14.5	370	-	53	68
Mooring berth (off FB-1)	7.5	130			
KICT				83	62
New Coal import berth	14.5	370			
KOLKATA DOCK SYSTEM					
Kidderpore Dock (KPD)					
1 KPD- General	7.4	133	Around 25000 depending on parcel load +	66	89
3 KPD -General	8.2	128		15	60
4 KPD-General	8.2	136		57	88
5/7 KPD- General	8.4/8.8	229	-do-	31	82
6 KPD-General	8.1	118	-do-	43	47
8 KPD- General	8.4	128	-do-	99	94
9 KPD- General	8.8	108	-do-	30	92
10 KPD- General	8.6	161	-do-	99	80
11 KPD (Passenger & Coastal)	8.2	151	-do-	91	48
12 KPD(Passenger & Coastal)	8.4	143	-do-	100	67
22 KPD-General	7.3	151	-do-	94	44
23 KPD-General	8.5	147	-do-	82	80
24 KPD-General	8.0	152	-do-	82	84
25 KPD-General	8.3	169	-do-	50	83
26 KPD-General	8.0	185	-do-	37	66
27 KPD-General	7.1	195	-do-	67	70
28 KPD-General	8.2	195	-do-	100	73
29 KPD-General	8.1	185	-do-	33	56
Combined Coal & Berth (17&18) KPD temporary coal berth				73	39

Note:- KDS Berths other than Containers and Liquid Cargo berth are generally for Break Bulk/ Multipurpose cargo

KPD berth drafts are governed by Turning Basin Draft which is 7.9 mtrs. At present. Normally KDS dock drafts are governed drafts.

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Table 1.4 Contd...

Berths Available at Major Ports

(As on 31-03-2023)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2021-22	2022-23
1	2	3	4	5	6
Netaji Subhash Dock (NSD)					
1 NSD-General/Heavy Cargo	7.3	200	-do-	62	65
2 NSD-General Cargo	7.1	187	-do-	78	78
3 NSD-General Cargo	8.2	183	-do-	86	82
4 NSD-Container	7.6	181	Around 21000	83	76
5 NSD-Container	7.4	182	-do-	80	45
7 NSD-Container	7.4	192	-do-	61	44
8 NSD-Container	7.3	225	Around 25000	85	84
12 NSD-Liquid Cargo	6.2	152	depending on parcel load	55	53
13 NSD-General Cargo	7.2	174	-do-	75	45
14 NSD-General Cargo	7.1	174	-do-	34	71
Budge Budge Jetties					
1 BB-Liquid Cargo	13.3	189	Around 38000*	10	25
2 BB-Liquid Cargo	11.3	95	-do-	1	0
3 BB-Liquid Cargo	12.0	146	-do-	9	15
5 BB-Liquid Cargo	11.7	189	-do-	24	41
7 BB-Liquid Cargo	8.4	140	-do-	2	34
8 BB-Liquid Cargo	7.9	177	-do-	22	25
HALDIA DOCK COMPLEX					
Berth No.16 HOJ-I - POL, Amonia & Chemical	12.2	236	90000	71	66
Berth No.17 HOJ-II - POL	12.2	277	150000	70	66
Berth No. 18 HOJ-III- POL Crude	12.5	275	150000	60	56
Berth No.1 - Multipurpose Berth handling Dry Bulk	10.0	238	75000	58	73
Berth No. -2- Multipurpose Berth handling POL, Iron Ore & other bulk	12.2	239	75000	46	46
Berth No.- 3 -Thermal Coal (Mechanised)	12.2	239	75000	37	34
Berth No.- 4- Coking Coal (Mechanised)	12.2	230	75000	66	69
Berth No. - 5 - Multipurpose-Dry Bulk & Break Bulk	12.2	180	75000	56	71
Berth No. 6 - Coking Coal & FRM (Dry)-Mechanised	12.2	183	75000	46	26
Berth No. 7 - Multipurpose-Dry Bulk, Break Bulk & Liquid Bulk	12.2	212	75000	54	55
Berth No. 8 - Multipurpose-Dry Bulk, Break Bulk & Liquid Bulk	12.2	212	75000	56	54
Berth No. 9 - Multipurpose-Dry Bulk, Break Bulk & Liquid Bulk	12.2	220	75000	58	72
Berth No. 10 - Multipurpose-Dry Bulk, Break Bulk & Container	12.2	210	75000	59	61
Berth No. 11 - Multipurpose-Dry Bulk, Break Bulk & Container	12.2	210	75000	43	27
Berth No. 12 - Multipurpose-Dry Bulk, Break Bulk & Container	12.2	210	75000	56	40
Berth No. 13 - Multipurpose-Dry Bulk & Break Bulk	12.2	210	75000	63	48
Berth No. 14 - Multipurpose-Dry Bulk & Break Bulk	10.0	210	75000	52	65
Floating Jetty- Mini bulk carrier(MCB) jetty for handling dry bulk like Coking Coal, Non Coking Coal, Coke, Limestone etc.	7	110	10000 (MCB & Barge)	-	-
RMF Outer Mooring Buoy- Edible oil as CPO	8	120	20000	22	4
Outer Terminal- II Edible Oil	9	185	40000	53	51

Source: Major Ports

Table 1.5

Storage Facilities Available at Major Ports

(As on 31.3.2023)

Port/Type	Dry Storage Accomodation		Liquid Storage Tanks			
	No.	Area(Sq.mts)/ Capacity	No.	Location	Capacity	Type of Cargo
1	2	3	4	5	6	7
1. DEENDAYAL						
(a) Dry Cargo Storage accommodation						
Covered area						
i) Transit Sheds				PSU-79	973000 KLS	All kind liquid cargoes
ii) Ware-Houses/Godowns	20	136645		Private Installation-672	1592000 KLS	
Open Sores space	96	2774465		Private Installation-under construction	900000 KLS (Approx)	
Open Area**						
With in Customs Bonded Area		103000/ (226000)		Outside the port	33.71 KL	Chemical, Edible, POL
Pucca Plots						
Other (Private/Users agencies)						
Covered area						
a) Transit Shed	80	236284				
b) Warehouse		-				
C) Container Freight Station		a) 10000 TEU b) 3500 TEU		a) Gdhm (pvt.- A.V. joshi CFS - outside port) b) Kandla (Govt. owned CWC CFS)		
	2					
Open						
a) Container Yard		10817 TEU		Kandla (Inside port's privately operated terminal)		
	1					
b) Reefer Points (No.)	68	136		Kandla (Inside port's privately operated terminal)		
2. MUMBAI						
(A) Port Owned						
(a) Covered area						
i) Transit Sheds	22	103170	3	Jawahar Dweep	TK-2 2610KL	
ii) Ware-Houses	22	163024			TK-3 2615 KL	
Container freight station	12	97081			TK-6 4545KL	
b) Open	59	748658	5	Jawahar Dweep	TK-1 6752KL	
(B) Other (Area Allotted)						
(a) Covered area						
i) Transit Sheds					TK-2 7513KL	
ii) Ware-Houses					TK-4 2572KL	
iii) Ware house					TK-7 4544KL	
b) open					TK-8 10224 KL	
C)						
Container	5	4903 TEUs				
3. MORMUGAO						
(a) Covered area						
i) Transit Sheds/Overflow sheds.	5	18844	5	Outside	34660 KL	POL Products
ii) Ware-Houses	2	3301	3	Outside	22500KL	Phosphoric Acid
iii) Container Freight Station			4	Outside	92000 KL	Other Liquid Products
Open	5	199667	7	Inside	10960 KL	Other Liquid Products
iv) Reefer Points(No)	84		1	Inside	5000 KL	Ammonia
b) Other (Private/ Users) Area			4	Inside	10840 KL	PFAD / caustic soda
Ware house	4	14480				
Open	2	41000				
	1	35641				
(c) Container Yards						
Inside	1	14823				
Outside	1	19466				

Table 1.5 Contd.

Storage Facilities Available at Major Ports

(As on 31.3.2023)

Port/Type	Dry Storage Accomodation		Liquid Storage Tanks			
	No.	Area(Sq.mts)/ Capacity	No.	Location	Area(Sq.mts)/ Capacity	Type of Cargo
1	2	3	4	5	6	7
4. NEW MANGALORE						
i) Transit/Overflow Sheds B.N.O	7	15652 Sq.mts 39130 MT	52	Wharf Area	189690 217845KL	Petroleum product/ Chemical/Molasses/ Edible Oil
ii) Covered Ware-Houses	6	24461Sq.mts 61144 MT				
iii) Open Stack Yard (CWC)	8	121504 Sq. mts	4	Wharf Area	19950 30000 KL	Cement
iv) Dry storage accomodation	1	60645 Sq.mts	14	Wharf Area	45866 46300 KL	Edible Oil,Liqued Ammonia/Phos. Acid
v) Warw house / Godown	8	29472 Sq. mts 73680 MT				
v) Container	2	62000 Sq. mts				
5. J. L. NEHRU						
i) CFS- JNP			172	Outside	840031 KL	POL,chemicals, Edible Oils.etc.
ii) CFS-Private			17	IOT-Near jasai	255003KL	POL
iii) Open Area-Inside Port			2	BPCL (cryogenic) at Uran	30700 KL	LPG
			8	ONGC at Uran	480000 KL	Crude Oil
Container Yards						
Inside port area	-	2119602				
I) Outside Port	1	215360				
Under port's land		38806				
II) Outside ports ,CFSs-Private	34	3676565				
6. COCHIN						
(a) Covered area						
i) Transit Sheds	8	24914	10	Inside Port	594491	POL & Chemical
ii) Ware-Houses	5 (91)	14755 (32737)				
iii)Container Freight Station	1	10000				
(b) Open Area						
i) Open Space	1 (2)	104225 (15860)				
ii) CFS Yard	-	-				
(c) Container Yards						
i)Container yard inside port	1	20000 (462 TEUs)				
i) Reefer Points (No.) indise port	64					
Out side Port	3	78800				
(d) Others (Private/ Users agencies)						
i) Ware house	74	34093				
7. V.O. CHIDAMBARANAR						
(a) Covered area						
i) Transit Sheds	2	10878		outside port	152948 KL	Phosphoric acid, ammonia, diesel & naptha
ii) Ware - Houses	5	22742				
iii) Other covered area						
vi) Private Warehouses						
(b) Open Area						
i) General cargo	2	564658				
ii) Container						
iii)Ware house						
vi)Reefer						
C) Other (Private/ Users agencies)						
i) Ware house	6	99545				
ii) Container Freight Station						
Open	2	250000				
8. CHENNAI						
A. Port Owned						
(a) Covered area						
i) Transit / Overflow Sheds	4	10160	38	Indise port Area-I	205123.73 KL	Edible Oil, CBFS, Fuel Oil.
ii) Ware-Houses	12	48944				
iii) Exim Gdown	2	9256	46	Inside Port Area-IV	141215.64 KL	Phosphoric Acid, Edible Oil
(b) Open Area						
		1342529				

Table 1.5 Contd.

Storage Facilities Available at Major Ports

(As on 31.3.2023)

Port/Type	Dry Storage Accomodation			Liquid Storage Tanks			
	No.	Area(Sq.mts)	Capacity	No.	Location	Capacity	Type of Cargo
1	2	3	4	5	6	7	
				Inside port Area-IV	346339.37KL	Liquid cargo	
B. Area Allotted & Vaccant							
(a) Covered area							
i) Transit shed		10160					
ii) Ware house		31607					
iii) Vacant area		26593					
(b) Open Area							
i) Alloted area inside Port		327723					
ii) Vacant area inside Port		226599					
ii) Other open area inside Port		788207					
C. Container							
		9256					
9. VISAKHAPATNAM							
A. Port Owned							
(a) Covered area							
i) Transit Sheds/overflow shede	-	20494 m2, 31422 m2	-	-	404757 tonnes	Crude LPG POL Chemicals	
ii) Ware-house/Storage sheds	-	10482 m2	-	-	639496 tonnes		
ii) Sylos					105650 KL		
(b) Open Area							
i) Bulk cargo	...	1553168 m2	-	-	97500 tonnes		
					72748 KL		
Containers							
Outside					69000 tonnes	spheres, cavern	
Private & User Agencies							
i) Transit Sheds/overflow shede	...	669954					
		66230					
ii) Ware-house/Storage sheds	...						
iii) Sylos	...						
Open Area		75134					
		368668					
Container	...	4000 TEUs					
		1500					
		100-125 TEUs					
10. PARADIP							
A) Port owned							
a) Covered area	1	1400	16	Outside Port	155000	FRM	
i) Transit Sheds/Over flow sheds	2	7800	12	Outside Port	219400	FRM	
ii) Ware - Houses			38	Outside Port	2280000	Crude Oil	
iii) Container Freight Station open			100	Outside Port	2040258	POL	
(b) Open Area (Inside port)		1965220	30	Outside Port	34600	Edible Oil	
Outside port							
B) Other (Private/ users agencies)							
a) Covered area							
i) Transit Sheds/Over flow sheds							
ii) Ware - Houses		24000					
iii) Container Freight Station							
(b) Open Area		451385					
Container yard		16800					
Container	96	-					
11. SMP KOLKATA DOCK SYSTEM							
A. Port Owned (inside port)							
(a) Covered area							
i) Transit Sheds		128032		NA		Vegetable Oil	
ii) Ware-Houses		10794				Vegetable Oil	
iii) Container yard		185303				POL	
iv) Container Freight Station (CFS)		0				POL	
						Chemicals	
(b) Open Area							
		249000					
(B) Other (Private / users agencies)							
i) Transit Sheds		128032					
ii) Ware-Houses		10794					
iii) Container yard		169303					
Open area		24900					
12. SMP HALDIA DOCK COMPLEX							
(a) Covered area							
HDC does not have liquid storage facilities							
i) Transit/Overflow Sheds inside	3	17000					
(b) Open Area inside	17	983390					
(c) Container yard	1	76200					
(d) Refer points	24						
(B) Other (Private / users agencies)							
a)Covered							
i)Transit sheds inside	1	1500					
(b) Open Area inside	2	182500					
(C) Container inside	1	5000 TEUs					
13. KAMARAJAR							
(A) Port Owned							
a) Covered Area				64 Inside Port	267684 KL + 3.600.000 CBM	POL / Chemicals / LNG	
i) Ware house	2	16800					
b) Open Area							
In side port	10	1434059					
Container							
i) In side port	241	1544 MT / 186800 Sq. mtrs					
		680 TEUs					

* Exim Godown (2 nos) 30*150m each 4500+4500=9000 Sq.

* E2 Openspace paved area 5810 Sq. mts. E3 Open space paved area 3813 Sq.mts=9623Sq mts.

** Area includes CONCOR - 13750 Sq. mts., CCTPL- 250700 Sq. mts, Naval Gun Point -300 Sq. mts., CITPL- 276165 Sq. mts.

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

\$ Includes handstand and bare land area use for cargo storage & excluded storage are leased out to othe port users and BoT operators inside DIZ.

Source -Major Ports

Capacity at Major Ports

Table 1.6

(In Million Tonnes)

S.No	Port	2016-17	Re-rated Capacity	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
1	SMP Kolkata#	96.10	78.00	82.57	82.57	82.57	90.77	92.77	92.77
2	Paradip	143.44	234.00	239.00	239.00	249.00	259.00	289.75	289.75
3	Visakhapatnam	110.75	121.00	131.09	131.09	134.18	134.18	134.18	134.18
4	Kamarajar	57.00	66.00	84.00	91.00	91.00	91.00	91.00	91.00
5	Chennai	93.44	134.00	134.00	134.00	135.00	135.00	135.00	135.00
6	V.O.	65.90	79.00	94.83	111.46	111.46	111.46	111.46	111.46
7	Cochin	56.57	74.00	74.50	78.60	78.60	78.60	78.60	78.60
8	New Mangalore	87.63	98.00	98.00	98.00	104.73	104.73	108.96	108.96
9	Mormugao	50.04	63.00	63.00	63.40	63.40	63.40	63.40	63.40
10	Mumbai	65.33	78.00	79.00	79.00	79.00	84.00	84.00	84.00
11	JNPA	89.37	88.00	118.00	138.87	138.87	141.37	141.37	141.37
12	Deendayal	150.26	246.00	253.20	267.10	267.10	267.10	267.10	267.10
	Total:	1065.83	1359.00	1451.19	1514.09	1534.91	1560.61	1597.59	1597.59

(#) Include SMP Haldia Dock Complex

Source: Ports Wing, Ministry of Ports, Shipping and Waterways

Table 1.7

Number of Berths Available at Major Ports

(As on 31.03.2023)

Commodities	P O R T S														Total
	SMPA (KDS)	SMPA (HDC)	PPA	VPA	KPL	ChPA	V.O.C.PA	CoPA	NMPA	MoPA	MbPA	DPA	JNPA		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
POL															
31.3.19	7	3+2BJ	2+3SBM	4+1 SBM	1	2	1	4+1SBM+1LNG	5+1SBM	1	6+Pipeline	8+3SBM	2	46+9SBM+2BJ	
31.3.20	7	3+2BJ	2+3SBM	4+1 SPM	1+1LNG	2	1	4+1SPM+1LNG	5+1SPM	1	7+Pipeline	8+3SBM	2	47+9 SBM+2 BJs+2 LNG	
31.3.21	7	3+2BJ	2+3SBM	4+1 SPM	1+1LNG	2	1	4+1SPM+1LNG	5+1SPM	1	8+Pipeline	8+3SBM	2	48+9 SPM+2 BJs+2 LNG	
31.3.22	7	3+2BJ	2+3SBM	4+1 SPM	1+1LNG	2	1	5+1SPM+1LNG	5+1SPM	1	8	7+3SBM	2	48+9 SPM+2 BJs+2 LNG	
31.3.23	8	3+2BJ	2+3SBM	4+1 SPM	1+1LNG	2	1	5+1SPM+1LNG	5+1SPM	1	8	7+3SBM	3	48+9 SPM+2 BJs+2 LNG	
IRON ORE															
31.3.19	-	^	2	1	-	-	-	-	#	3Mooring Dolphins	-	-	-	3+3Mooring Dolphins	
31.3.20	-	^	2	1	-	-	-	-	#	3Mooring Dolphins	-	-	-	3+3Mooring Dolphins	
31.3.21	-	^	3	1	-	-	-	-	#	3Mooring Dolphins	-	-	-	4+3Mooring Dolphins	
31.3.22	-	^	3	1	-	-	-	-	#	3 Mooring Dolphins	-	-	-	4+3Mooring Dolphins	
31.3.23	-	^	3	1	-	-	-	-	#	4 Mooring Dolphins	-	-	-	4+3Mooring Dolphins	
COAL															
31.3.19	-	2	2	2	3	-	4	-	1	2	-	-	-	16	
31.3.20	-	2	2	2	3	-	4	-	2	2	-	-	-	17	
31.3.21	-	2	2	2	3	-	4	-	2	2	-	-	-	17	
31.3.22	-	2	6	2	3	-	4	-	2	2	-	-	-	21	
31.3.23	-	2	6	2	3	-	5	-	2	2	-	-	-	22	
FERTILISER															
31.3.19	-	^	2	1	-	-	-	1	#	###	-	2	-	6	
31.3.20	-	^	2	1	-	-	-	1	#	###	-	2	-	6	
31.3.21	-	^	2	1	-	-	-	1	#	###	-	2	-	6	
31.3.22	-	^	2	1	-	-	-	1	#	###	-	2	-	6	
31.3.23	-	^	2	1	-	-	-	2	#	###	-	3	-	7	
BREAK BULK															
31.3.19	23	10+1BJ ^^	6*	16	2	15	8	10	9	3	23	19	2	146+1BJ	
31.3.20	22	10+1BJ ^^	7*	16	2	17	8	10	9	3	25	19	3	151+1BJ	
31.3.21	23	10+(1BJ +1MB)^^	7*	16	2	17	8	10	9	3	25	19	4	153+1BJ+1MB	
31.3.22	23	10+(1BJ +1MB+OT-II)^^	5	16	2	17	8	10	9	3	25	20	4	152+1 BJ+1 MB+OT-II	
31.3.23	24	10+(1BJ +1MB+OT-II)^^	5	16	2	17	8	10	9	3	25	20	4	152+1 BJ+1 MB+OT-II	
CONTAINER															
31.3.19	5	2	1	1	1	7	2	2	#	###	-	2	11	34	
31.3.20	5	2	1	1	1	7	2	2	#	###	-	2	10	33	
31.3.21	5	2	1	1	1	7	2	2	#	###	-	2	10	33	
31.3.22	5	2	1	1	1	7	2	2	#	###	-	2	10	33	
31.3.23	5	2	1	1	1	7	2	2	#	###	-	2	10	33	
TOTAL															
31.3.19	35*	17+3 BJ+2 FAJ	15+3 SBM	25+1 SBM	7+1LNG	24	15	17+1SPM+1LNG	15+1 SBM	6+3Mooring Dolphins	29 + Pipeline	31+3SBM	15	251+9 SBM+3Mooring Dolphins+3BJ+2 LNG+Pipe line	
31.3.20	34	17+3BJs	17+3SPM	25+1SPM	7+1LNG	26	15	17+1SPM+1LNG	16+1SPM	6+3Mooring Dolphins	32+Pipelines	31+3SPM	15	258+9SPM+3Mooring Dolphins+3BJs+2LNG+Pipelines	
31.3.21	35	17+3BJs+1MB	17+3SPM	25+1SPM	7+1LNG	26	15	17+1SPM+1LNG	16+1SPM	6+3Mooring Dolphins	33+Pipelines	31+3SPM	16	261+9SPM+1MB+3Mooring Dolphins+3BJs+2LNG+Pipelines	
31.3.22	35	17+(3BJs+1MB+OT-II)	19+3 SPM	25+1SPM	7+1LNG	26	15	18+1 SPM+1 LNG	16+1SPM	6+3Mooring Dolphins	33	31+ 3 SBM	16	264+9SPM+3 BJs+2 LNG+1MB+3Mooring Dolphins	
31.3.23	35	17+(3BJs+1MB+OT-II)	19+3 SPM	25+1SPM	7+1LNG	26	15	18+1 SPM+1 LNG	16+1SPM	6+3Mooring Dolphins	33	31+ 3 SBM	16	264+9SPM+3 BJs+2 LNG+1MB+3Mooring Dolphins	

BJ - Barge Jetty A - Anchorage SBM - Single Buoy Mooring TRANS - Transhipper B Zone : Small vessels handled at Zone B-Tuticorin.
VJs= Virtual Jetties (*) No specific capacity could be attached for Iron Ore and Fertilizer. (**) For handling Import Dry bulk cargo
(*) Presently, due to mechanisation EQ-2 & EQ3 Berths are not available for commercial operator (#) There is no dedicated berth for Iron Ore, Fertilizers and Containers.
(##) There is no dedicated berth for Fertilizers and Containers.
Source : Indian Port Association.

Table 1.8

Cargo Handling Equipment Available at Major Ports (As on 31.3.2023)

(In Nos.)

Port	Crane				Fork Lift Truck	Tractor	Trailor	Shovel Dozer & Pay Loader	Locomotive
	Mobile	Wharf	Container						
			Quay	Yard					
1	2	3	4	5	6	7	8	9	10
SMP (Kolkata Dock System)	7	1	-	4RGTs	15 \$	8	-	-	-
SMP (Haldia Dock Complex)	11 @	- @@	2	4	7 FLT + 5RS	8		81	11
Paradip	9^	-	-	-	-	-	-	-	7 ^^
Visakhapatnam	-	-	-	-	3T FLT- 2 Nos. 10T FLT - 1No.	-	-	6	7+ 3 (Hired)
Chennai	-	-	-	-	-	-	-	-	7
V.O.Chidambaranar	3***	5	6*	17*	3	-	30	-	1
Cochin	1Port+2*	-	4*	15*	7 Port+9*	-	30*	-	-
New Mangalore\$\$	-	2	-	-	7\$\$	-	-	-	-
Mormugao	1+3 #	-	-	-	2 # (Port owned)	-	-	-	2 (Hired)
Mumbai ##	1	5	-	-	1	3	-	-	1 (Hired)
J. L. Nehru	-	-	9+34*	27+126*	4+28*	53 + 389*		-	-
Deendayal (Kandla)	6+4##	8	4# #	4 # #	8 RS	-	30 ##	-	-
All Ports	48	21	59	197	99	551		81	39

(*)Under BOT Operators. (**) under PPP (\$) 15 FLTs

@ In addition, there is 1 shore mounted crane, 1 Pantoon Mounted Crane, 5 Barge handling cranes and 2 Floating Cranes.A25

@@ There is 2 Ship loaderes and 2 Ship unloader with machanized conveyor suestem at Bearth no. 3 and 4.

^: 7 cranes Harbour cranes are provided by Pvt. Operator. (^^) Besides, above 7 nos. locomotives, another 2 nos. of locomotives are hired from RITES.

Port owned. Not used for cargo handling operation.

\$\$ - Including 1 no. of fork lift, 1 No. of hired Empty container handler and 5 Nos. of ReachStackers (4 Nos. ReachStackers have been hired by Port).

Provided by private operators/ stevedores. In addition, 8 floating cranes are also available with private stevedores for cargo handling.

Source:-Major Ports

Table 1.9

Container Handling Facilities Available at Major Ports

(As on 31.3.2023)

Port	No. of Berths	Vessel Size (IN DWT)	Equipment					
			Quay Side Gantry Cranes	Yard Gantry Cranes	Toplift Trucks/ Reach Stackers	Forklift	Tractors	Trailers
1	2	3	4	5	6	8	7	9
SMP (KOLKATA) DOCK SYSTEM @	5	21,000	-	-	-	-	Hippo 40T	-
SMP (HALDIA DOCK COMPLEX)	2	40,000	2x41t	4x40 t	3x40 t (RS)	1x3 t	12 nos. x 40 t	
PARADIP	1	60000-75000	-	2	7	-	25	-
VISAKHAPATNAM	2	1,00,000	RMQC-2Nos. 2x35.6T (SWL) 4x41 T - 3x50T (SWL)	RTGC - 19 Nos.	4x45 T 2x10 T 1x8 T	1x3 T	-	38
KAMARAJAR	1	120, 000	4	12E RTG	1 RS	1	-	24
CHENNAI - CCTL	4	50,000	7	22	2ECH/1 RS	3	2	2743 (Conteactore)
- CITPL	3	80000	7	20	Note (ECH= Empty Container Handler, RS=Reach Stacker) 2	2	-	
V.O.Chidambaranar	2(Under BOT Operator)	93000	3x60 T (SWL)	9x41T (SWL)	3	2	30x50 T (SWL)	31x50 T (SWL)
COCHIN #	2(Under BOT Operator)	1,00,000	4	15	3/2	4	-	30 (Leased by BOT Operator)
NEW MANGALORE	vo. dedicated berth	55,000	-	-	8^	-	-	-
MORMUGAO	vo. dedicated berth	-	-	-	1	-	2	-
J.N.P.T.- JNPCT (Port's own)	2 1 SB**	150000	9x50 T ***	RTGC- 12x40T R/S - 4X40T (Hired) eRTGC -15X50 T RMGC- 3X65T	R/S - 4X40T (Hired)	2X3T 1X5T	7 (own)+ 46(Hired)	
NSICT (BOT Operator)	2	150000	8x40 T-70T	RTGC- 27x40T RMGC- 3x40T	R/S-2x40T E/H-2X3T	2X3T	84(Hired)	
GTICL (BOT Operator)	2	150000	10x61 T	RTGC- 40x50/61' RMGC- 3x61T	R/S-2X45T E/H-2X8T	4X5T	122(Hired)	
NSIGT (BOT Operator)	1	211000	4x65/80 T	16x40 T	R/S-1X45T	3x3/5T	73(Hired)	
BMCT (BOT Operator)	3	218000	12x65 T	18x40T	R/S-2X45T E/H-2X9T	2X3T 1X5T	110 (Hired)	
DEENDAYAL	2	90504	4	4	8 (Reach stacker)	3	-	30

(*) 6 no Reach Stackers of 45 T capacity each have been hired by port.

@ Two Mobile Harbour Cranes alongwith 2 Reach Stackers are also used on Own -Operated -Maintain (OOM) basis.

In addition, 6 No. Reach Stracker of 45T capacity each have been hired by Port.

In addition, 2 Mobile Harbour Cranes and 1Hydra Crane.

(^) 5 Reach Stackers (4nos- Hired Reach Stackers), Two harbour Mobile Cranes and 1 hired empty container handler are utilised for handling containr.

#) : Shallow berth is also used for handling of bulk and liquid cargo.

(*) Due to Storm on 5.8.20, 5 RMQC s are damaged. 3 of these RMQCs are scrapped and 2 RMQCs are under repair.

R/S=Reach Stackers

Source: Major Ports

Table 1.10

Berthing Facilities Available at Non-Major Ports

(As on 31.3.2023)

Name of the Port	Intermediate/ Minar	Max.Depth available at anchorage(mts)	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 (2022-23)	Minor	30.00	-	0	32	10	74	116
(Detail 2017-18)								
Dahej								
DHIL	Minor	16.50	Bulkcum Liquid Berth	-	-	-	1	1
Adani Petronet Port Private Ltd	Minor	20.00	Break bulk	-	-	-	2	2
Petronet LNG Ltd	Minor	16.00	Dolphin jetties	-	-	-	2	2
GCPTCL	Minor	14.00	single berth	-	-	-	1	1
RDMT	Minor	20.00	Liquid	-	1	-	-	1
Hazira								
Hazira Port Private Ltd	Minor	25.00	LNG	-	-	-	1	1
Adani Hazira Port Private Ltd	Minor	15.00	Container	-	-	-	2	2
Kribhco Hazira Jetty	Minor	NA	Wharf	-	-	1	-	1
Larsen & Tubro Ltd	Minor	16.00	Captive jetty	-	-	-	2	2
GPPL	Minor	26.00	Dry cargo/Container	-	-	-	5	5
Ultratech Cement Ltd	Minor	10.00	General	-	2	-	-	2
Mundra								
Mundra &SEZ(MPSEZ)	Minor	30.00	Dry liquid	-	-	1	28	29
Sikka								
	Minor	30.00	SPTL Berth	-	-	-	5	5
	Minor	30.00	SPTL (SPM)	-	-	-	5	5
	Minor	30.00	BORL(SPM)	-	-	-	1	1
	Minor	30.00	GSFC Jetty	-	-	-	1	1
	Minor	30.00	DCC Jetty	-	1	-	-	1
Jakhu								
Jakhu	Minor	13.00	Captive Jetty	-	1	-	-	1
Muldwarka								
Muldwarka	Minor	21.00	Captive Jetty	-	2	-	2	4
Ambuja Cement Ltd								
Ambuja Cement Ltd	Minor	23.00	MBC	-	1	-	-	1

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

Berthing Facilities Available at Non-Major Ports

(As on 31.3.2023)

Name of the Port	Intermediate/ Minor	Max.Depth available at anchorage(mts)	Berth Type	No. of Berths by existing Draft				
				Below 2 meters	2-4 meters	4-6 meters	6 meters above	Total
1	2	3	4	5	6	7	8	9
GUJARAT(Contd...)								
Okha	Intermediate	25.00	Sayaji pier (East)	-	-	-	8	8
			D.C.B	-	-	-	8	8
Bhavnagar	Intermediate	12.50	GMB Jetty	-	1	-	-	1
Jafarabad	Intermediate	6.00	GMB Jetty	-	1	-	-	1
(a)Victor	Minor	11.60	Along side wharf(east)	1	-	-	-	1
			LPG	-	-	-	1	1
Navalakh	Intermediate	15.00	Jetty/wharf	1	3	-	-	4
Magdalla	Minor	N A	N A	-	-	-	-	-
Valsad	Minor	No Anchorage fixed	RCC Jetty	1	-	-	-	1
Kolak	Minor	No Anchorage fixed	RCC Fishing Jetty	1	-	-	-	1
Salaya	Minor	17.50	Piles Wharf	-	-	-	1	1
Onjal	Minor	11.00	RCC Fishing Jetty	1	-	-	-	1
Umergaon	Minor	No Anchorage fixed	RCC Jetty	-	1	-	-	1
Umarsadi	Minor	No Anchorage fixed	Fishing Jetty	1	-	-	-	1
Billimora	Minor	No Anchorage fixed	Wooden jetty	3	-	-	-	3
			RCC Jetty	1	-	-	-	1
Porbandar	Minor	13.00	Paid Jetty	-	1	1	3	5
Bedi								
Old port	Minor	16.00	Block wharf	-	1	-	-	1
New port	Minor	16.00	Block wharf	-	1	-	-	1
Rozi port	Minor	16.00	Block & Piles Wharf	-	-	2	-	2
Mandvi	Minor	10.00	Wharf	-	2	-	-	2
GAPL	Intermediate	26.00	Dry cargo/Container	-	-	-	5	5
			Barge Berth	-	-	-	1	1
Veraval	Intermediate	20.00	GMB Jetty	-	2	-	2	4
Mul Dwarka	Minor	21.00	Captive Jetty	-	2	-	2	4

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

Berthing Facilities Available at Non-Major Ports

(As on 31.3.2023)

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								
Kalyan	Minor	-	Passenger Jetty	-	2	-	-	2
Thane	Minor	4.00	Sloping jetty	-	10	-	-	10
Ulwa Belapur	Minor	5.00	Cargo jetty	-	-	1	-	1
Mora	Minor	NIL	Passenger Jetty	1	1	-	-	2
Karanja	Minor	4.00	Sloping jetty	-	1	-	-	1
Rewas	Minor	5.00	Passenger Jetty	1	-	-	-	1
Mandwa	Minor	5.00	Passenger Jetty	-	-	2	-	2
Dharamtar	Minor	5.00	Cargo/Passenger jetty	-	4	9	-	13
Trombay	Minor	6.50	Sloping jetty	-	1	-	-	1
Revdanda	Minor	14-24	M/s Welspun Maxsteel Ltd. Salav	-	1	-	-	1
	Minor	14-24	Indo Energy International Pvt Ltd,	-	1	-	-	1
Murud	Minor	2.00	Passenger Jetty	-	1	-	-	1
	Minor	2.00	Passenger Jetty	-	1	-	-	1
Rajpuri	Minor	2.00	Passenger Jetty	-	1	-	-	1
	Minor	10-14	Passenger	-	1	-	-	1
Dighi	Minor	20.00	Dighi Port Ltd	-	-	-	1	1
Shriwardhan	Minor	2.00	Passenger & Fishing jetty	-	1	2	-	3
Ratnagiri	Minor	15.00	I Type jetty	-	-	-	1	1
	Minor	15.00	L	-	-	1	-	1
Jaigad	Minor	20.00	T	-	-	1	-	1
Borya	Minor	3.00	I	-	1	-	-	1
Palshet	Minor	2.00	I	2	-	-	-	2
Dabhol	Minor	17.00	T	-	-	-	1	1
Vasai	Minor	4.50	Sloping jetty	1	9	1	-	11
Gharapuri	Minor	-	Passenger Jetty	-	6	-	-	6
Harnai	Minor	2.00	I	1	-	-	-	1
Kelshi	Minor	14.00	T	-	1	-	-	1
	Minor	14.00	I	-	-	1	-	1
Bankot	Minor	14.00	L Type Jetty	-	1	-	-	1
Purnagad	Minor	1.50	Y	1	-	-	-	1
Jaitapur	Minor	3.00	I	1	-	-	-	1
Vijaydurg	Minor	6.00	T	-	-	-	1	1
Deogad	Minor	4.00	T	-	1	-	-	1
Achara	Minor	2.00	I	1	-	-	-	1
Malwan	Minor	2.00	I & T	2	-	-	-	2
Niwati	Minor	0.50	I	1	-	-	-	1
Vengurla	Minor	1.50	I Type Jetty	1	-	-	-	2
Redi	Minor	6.00	T	-	-	-	2	2
Kiranpani	Minor	1.00	J	1	-	-	-	1
Dahanu	Minor	2-4	-	-	1	-	-	1
Satpati	Minor	2.00	-	1	-	-	-	1
K.Mahim	Minor	3.00	-	3	-	-	-	3
Datiware	Minor	2.00	1 Dtiware&1 Edwan	1	1	-	-	2
Arnala	Minor	4.00	Stopping jetty	1	-	1	-	2
Uttan	Minor	5.00	Fishing	4	-	1	-	5

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

Berthing Facilities Available at Non-Major Ports

(As on 31.3.2023)

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
Marve	Minor	2.00	Passenger Jetty	1	3	-	-	4
Versova	Minor	2.50	Stopping jetty	-	3	-	-	3
Bandra	Minor	2.50	Stopping jetty	-	4	-	-	4
varoda	Minor	2.00	I	1	-	-	-	1
Katale Terminal	Minor	7.00	T	-	-	-	1	1
Lavgan	Minor	8.50	T	-	-	-	1	1
Angre	Minor	13.00	T	-	-	-	1	1
JSW Jaigad	Minor	19.80	T	-	-	-	4	4
KARNATAKA								
Karwar	Intermediate	20.00	L Type Jetty	-	1	-	3	4
Honnavar	Minor	10.00	RCC piled jetty	1	1	-	-	2
Bhatkal	Minor	8.00	RCC piled jetty	-	1	-	-	1
Tadri	Minor	-	RCC piled jetty	1	-	-	-	1
Kundapur	Minor	8.00	RCC piled jetty	-	2	-	-	2
Belekeri	Minor	-	Loading Chute	1	1	-	-	2
Malpe	Minor	6.00	RCC piled jetty	-	1	-	-	1
Hangarkatta	Minor	6.00	RCC piled jetty	1	-	-	-	1
Old Mangalore	Intermediate	14.00	RCC Wharf	-	2	-	-	2
KERALA								
Vizhinjam/Koavalam	Minor	Leeward wharf-5, Seaward wharf-5	Concrete	-	1	4	2	2
Azhikkal	Minor	45387.00	Concrete	-	1	-	-	1
Kozhikode/Beyypore	Intermediate	3.6 - 4	Normal Wharf	-	2	-	-	2
Kollam	Minor	7.20	RCC Concrete wall	-	1	-	2	2
ODISHA								
Dhamra	Minor	19.00	Bulk & Break Bulk	-	-	1	4	5
Gopalpur	Minor	21-29	Multi Purpose Berth	-	-	-	3	3
Lakshadweep								
Agatti	Minor	11.60	Passenger and Cargo, Fishing Boat:	10	-	-	1	11
Amini	Minor	10.00	Passenger and Cargo, Fishing Boat:	4	0	0	1	5
Androth	Minor	1.8, 5-6	Passenger and Cargo, Fishing Boat:	4	0	3	0	3
Bitra	Minor	1.50	Passenger and Cargo Operation	1	0	0	0	1
Chetlat	Minor	1.00	Passenger and Cargo Operation	3	0	0	0	3

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

Berthing Facilities Available at Non-Major Ports

(As on 31.03.2023)

Name of the Port	Intermediate/ Minor	Max.Depth available at anchorage	Berth Type	No. of Berths by existing Draft				
				Below 2 meters	2-4 meters	4-6 meters	6 meters above	Total
1	2	3	4	5	6	7	8	9
ANDHRA PRADESH								
Kakinada Anchorage	Intermediate	-	-	-	-	-	-	-
Kakinana Deep water (Seaports Ltd.	Intermediate	16.00	Multipurpose	-	-	-	18	18
Rawa	Minor	-	-	-	-	-	-	-
Krishnapattinam	Minor	30.00	Fixed	-	-	-	12	12
Gangavaram	Minor	50.00	Piled Construction	-	-	-	9	9
TAMIL NADU								
Cuddalore(Chemplast jetty)	Intermediate	11m	Island Jetty	-	-	-	1	1
Cuddalore	Anchorage	15 m @ distance of 1.5 miles		-	-	-	-	-
Nagapattinam	Anchorage	5.00	Open Road Stead	-	-	-	-	-
Colachel	Minor	16.00	Rcc Jetty	-	1	-	-	1
Kanyakumari	Minor	165.00	L shape jetty	1	-	-	-	1
Ennore	Minor	-	-	-	-	-	-	-
Kattupalli	Minor	20.00	Multipurpose	-	-	-	3	3
Thirukkadaiyur	Minor	15.00	Singal Buoy Mooring	-	-	-	1	1
Kuddnkulam	Minor	11.00	Lo Lo & Ro Ro jetty	-	2	-	-	2
GOA								
1. Panaji	Minor	30.00	Anchorage	-	-	-	-	-
2. Chapora	Minor	2.40	Anchorage	-	-	-	-	-
3. Tiracol	Minor	3.70	Anchorage	-	-	-	-	-
4. Talpona	Minor	3.50	Anchorage	-	-	-	-	-
5. Betul	Minor	3.60	Anchorage	-	-	-	-	-
DIU								
Diu	Minor	-	Solid Wharf	-	-	-	-	-
	Minor	-	Pile jetty	-	-	-	-	-
PONDICHERRY								
Pondicherry	Minor	12.00	Multi purpose	-	1	-	-	1
Sanmar/Karaikal MTF	Minor	9.50	Multi purpose	-	-	-	1	1
Karaikal LTD	Minor	18.00	Multi purpose	-	-	-	5	5

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

Berthing Facilities Available at Non-Major Ports

(As on 31.03.2023)

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
ANDAMAN & NICOBAR ISLAND								
Port Blair								
Haddo Wharf	Minor	390 x 31	Oil/ Passenger/ Genral/ Container B	-	-	-	9	9
Chatham Wharf	Minor	220 x 25	Dirty Cargo Berth	-	-	-	9	9
Hope Town Wharf	Minor	110.40 x 30/102.30 x 30	Dangerous Cargo Berth	-	-	-	9	9
Phoenix Bay Stage -II	Minor	115 x 12	Passenger/ Genral Cargo Berth	-	-	5	-	5
Phoenix Bay Stage -III	Minor	140 x 12	Passenger/ Genral Cargo Berth	-	-	5	-	5
Phoenix Bay Stage -IV	Minor	125 x 12	Passenger/ Genral Cargo Berth	-	-	5	-	5
Phoenix Bay Stage -V	Minor	100 x 12	Passenger/ Genral Cargo Berth	-	-	5	-	5
Phoenix Bay Stage -VI	Minor	195 x 12	Passenger/ Genral Cargo Berth	-	-	5	-	5
Junalighat Stage I	Minor	135 x 15	Passenger/ Genral Cargo/ repair Be	-	-	5	-	5
Junalighat Stage II	Minor	115 x 15	Passenger/ Genral Cargo/ repair Be	-	-	5	-	5
Junalighat Stage III	Minor	120 x 15	Passenger/ Genral Cargo/ repair Be	-	-	5	-	5
Junalighat Stage IV	Minor	115 x 15	Passenger/ Genral Cargo/ repair Be	-	-	5	-	5
Junalighat Stage V	Minor	135 x 15	Passenger/ Genral Cargo/ repair Be	-	-	5	-	5
Cholunga Jetty	Minor	63 x 15	Dock Yard Berth	-	2	-	-	2
Panighat	Minor	18 x 6.5	Passenger ferry service	-	2	-	-	2
Dung Point Jetty	Minor	20 x 6	Vehicle/ Passenger ferry jetty	-	2	-	-	2
Mitakadi	Minor	40 x 15	Passenger ferry service	-	2	-	-	2
Hattitapu	Minor	40 x 15	Passenger ferry service	-	2	-	-	2
Aberdeen Jetty	Minor	15 x 7	Passenger ferry service	-	2	-	-	2
Pangibolu	Minor	37 x 7.5	Passenger ferry service	-	2	-	-	2
Viper Island	Minor	15 x 6	Passenger ferry service	-	2	-	-	2
Bambooflat Jetty	Minor	20 x 13.65	Vehicle/ Passenger ferry jetty	-	2	-	-	2
Rut Island	Minor	30 x 7.5	Supply of Fresh water	-	2	-	-	2
Havelck (Swaraj Dweep)	Minor	184 x 20	Passenger/ Genral Cargo Berth	-	-	5	-	5
East Island	Minor	21.40 x 8.5	Passenger ferry service	-	2	-	-	2
Neil Island (Shaheed Dweep)	Minor	40 x 10	Passenger/ Genral Cargo Berth	-	3	-	-	3
Jolly Buoys (Macpherson Strait)	Minor	-	Anchorage	-	-	-	-	-
Chinque & South Chinque Island	Minor	-	Anchorage	-	-	-	-	-
Rangat								
Rangat (Eliphinston Harbour)	Minor	110 x 20	Passenger/ Genral Cargo Berth	-	-	5	-	5
Strait Island	Minor	18 x 5.5	Passenger ferry service	-	3	-	-	3
Parangara	Minor	9.5 x 3.8	Passenger ferry service	-	2	-	-	2
Bajota	Minor	9.4 x 3.9	Passenger ferry service	-	2	-	-	2
Long Island	Minor	29 x 8.5	Passenger ferry service	-	2	-	-	2
Yeretta (non operational)	Minor	12.5 x 6.5	Passenger ferry service	-	2	-	-	2
Uttara	Minor	17 x 9.2	Passenger ferry service	-	3	-	-	3
Shyamkund	Minor	14.5 x 7	Passenger ferry service	-	3	-	-	3
Mayabandar	Minor	200 x 20	Passenger/ Genral Cargo Berth	-	-	-	10	10
Diglipur								
Dihlipur (Port Carnwalis)	Minor	110 x 20	Passenger/ Genral Cargo Berth	-	-	5	-	5
Kalighat Jetty	Minor	10 x 2.8	Passenger ferry service	-	2	-	-	2
Dugong Creek	Minor	18 x 6	Passenger ferry service	-	2	-	-	2
Hut Bay	Minor	225 x 35	Passenger/ Genral Cargo Berth	-	-	-	10	10
Mus Carnicobar	Minor	165.5 x 10/20	Passenger/ Genral Cargo Berth	-	-	-	5	5
Malacca, Carnicobar	Minor	49 x 9	Anchorage point / Non- Operational	-	2	-	-	2
Tillanchang	Minor	-	Anchorage	-	-	-	-	-
Tillanchang (Coastal line)	Minor	-	Anchorage	-	2	-	-	2
Chowra	Minor	25 x 7	Anchorege/ Passenger ferry berth	-	2	-	-	2
Teressa	Minor	21 x 8	Anchorege/ Passenger ferry berth	-	-	-	-	-
Noncovery Harbour								
Kamorta	Minor	180 x 15	Passenger ferry service	-	-	-	9	9
iltui jetty	Minor	26 x 6	Passenger ferry service	-	3	-	-	3
Munak Jetty	Minor	20 x 5	Passenger ferry service	-	3	-	-	2
Champin Jetty	Minor	40 x 2.5	Passenger ferry service	-	2	-	-	2
Katchal	Minor	122 x 15	Passenger ferry service	-	-	5	-	5
Pillomillow	Minor	-	Anchorage	-	-	-	-	-
Kondul	Minor	-	Anchorage	-	-	-	-	-
Campbell Bay								
Campbell Bay	Minor	106 x 20	Anchorege cumPassenger ferry berth	-	-	-	6	6
Campbell Bay Breakwater Jtty	Minor	150 x 20	Anchorege/ Passenger ferry berth	-	-	-	6	6
South Bay	Minor	-	Anchorage	-	-	-	-	-
Port Meadow	Minor	-	Anchorage	-	-	-	-	-

Source: Non- major Port

Table 1.11

Equipment Available at Various Non-Major Ports (As on 31.03.2023)

(Nos.)

State/Port/ Year	Dredgers	Cranes			Barges			Launches	Tugs	Patrol Boat	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											
2021-22	7	-	-	-	-	6	1	4	-	-	-
2022-23	6	-	-	-	-	5	-	3	8	-	-
MAHARASHTRA											
Dahanu											
2021-22	-	-	-	5	-	-	-	-	-	-	-
2022-23	-	-	-	5	-	-	-	-	-	-	-
Karanja											
2021-22	-	-	-	-	-	-	-	-	-	-	-
2022-23	-	-	1	1	-	15	-	-	-	-	-
Trambay											
2021-22	-	-	-	-	-	-	-	-	-	-	-
2022-23	-	-	-	1	-	-	-	-	1	-	-
Dharmatar											
2021-22	-	16	2	8	4	56	-	-	1	-	-
2022-23	-	-	2	8	-	67	-	-	2	-	-
Revdanda											
2021-22	-	-	-	-	-	-	-	-	-	-	-
2022-23	-	1	1	1	-	7	-	-	-	-	-
Dighi											
2021-22	-	-	-	-	-	-	-	-	-	-	-
2022-23	-	-	-	2	-	-	-	2	2	-	-
JSW Jaigad											
2021-22	1	-	-	4 Nos (52 SWL)	-	-	-	1	3	-	-
2022-23	1	-	-	5 Nos (52 SWL)	-	-	-	-	-	-	-
Lavgan Dock Yard											
2021-22	-	-	-	-	-	-	-	-	1	-	-
2022-23	-	-	-	-	-	-	-	-	1	-	-
Angre											
2021-22	-	1	-	1 No (64 T)	-	-	-	-	1	-	-
2022-23	-	1	-	1 No (64 T)	-	-	-	-	1	-	-
Katale Terminal											
2021-22	-	1	-	1 No (64 T)	-	-	-	-	1	-	-
2022-23	-	1	-	1 No (10 T)	-	-	-	-	1	-	-
GOA											
Panaji											
2021-22	1	-	-	-	-	1	*	3	1	-	-
2022-23	1	-	-	-	-	1	*	3	1	-	-

Table 1.11

Equipment Available at Various Non-Major Ports (As on 31.3.2023)

(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
ANDHRA PRADESH											
Kakinada Deep Water Port											
2021-22	-	-	-	12	-	-	-	-	-	-	-
2022-23	-	-	-	12	-	-	-	-	-	-	-
Krishnapatnam											
2021-22	-	-	-	22	-	-	-	-	5	-	-
2022-23	-	-	-	23	-	-	-	3	4	-	-
Gangavaram											
2021-22	-	-	-	-	-	-	-	2	3	-	-
2022-23	-	-	-	12	-	-	-	1	3	-	-
TAMIL NADU											
Nagapattinam											
2021-22	-	-	-	-	-	-	-	1	-	-	-
2022-23	-	-	-	-	-	-	-	-	-	1	-
Kanyakumari											
2021-22	5	-	-	-	-	-	-	-	3	-	-
2022-23	5	-	-	-	-	-	-	-	5	-	-
Kattupalli											
2021-22	-	-	-	25	-	-	-	-	2	-	-
2022-23	-	-	-	26	-	-	-	-	4	-	-
Thirukkadaiyur											
2021-22	-	-	-	-	-	-	-	-	-	-	-
2022-23	-	-	-	-	-	-	-	-	-	1	-
KERALA											
Kollam											
2021-22	-	-	-	3	-	-	-	-	1	-	-
2022-23	-	-	-	3	-	-	-	-	1	-	-
Azhikkal											
2021-22	1	-	-	3	-	-	-	-	1	-	-
2022-23	1	-	-	3	-	-	-	-	1	-	-

Table 1.11

Equipment Available at Various Non-Major Ports (As on 31.3.2023)

(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
Kozhikode/Beypor											
2021-22	-	3	-	6	-	-	-	-	3	-	-
2022-23	-	3	-	6	-	-	-	-	3	-	-
Kovalam-Vizhinjam											
2021-22	-	1	-	-	-	-	-	-	1	-	-
2022-23	-	1	-	-	-	-	-	-	1	-	-
DIU											
2021-22	-	-	-	4	-	-	-	1	-	-	-
2022-23	-	-	-	4	-	-	-	-	-	-	-
PUDUCHERRY											
Pondicherry											
2021-22	-	-	-	-	-	-	-	-	-	-	-
2022-23	-	-	-	-	-	-	-	-	-	-	-
Karaikal											
2021-22	-	-	-	5	-	-	-	1	2	-	-
2022-23	-	-	-	5	-	-	-	1	2	-	-
ODISHA											
Gopalpur											
2021-22	-	-	-	5	-	-	-	1	3	-	-
2022-23	-	-	-	5	-	-	-	1	3	-	-
Dhamra											
2021-22	-	-	-	3	-	-	-	2	5	-	-
2022-23	2	-	-	11	-	-	-	2	5	-	-
Karnataka											
Karwar											
2021-22	-	-	-	-	-	-	-	-	3	-	-
2022-23	-	-	-	-	-	-	-	-	3	-	-
Old Mangalore											
2021-22	-	-	4	-	-	-	-	-	-	-	-
2022-23	-	-	4	-	-	-	-	-	-	-	-
A & N ISLANDS											
2021-22	-	-	6	17	-	-	-	-	2	-	-
2022-23	-	-	6	17	-	-	-	-	-	-	-
Lakshadweep											
2021-22	-	-	-	-	-	-	-	-	-	-	-
2022-23	3	3	1	5	14	10	-	17	7	-	5

: In Karnataka - Operated by private registered stevedores
No departmental Tug available.

Source : State / UT Maritime Boards

Table 1.12**State-Wise Navigational Aids Maintained By Department
of Light-Houses and Light-Ships (As on 31.3.2023)**

(Number)

Maritime States/Uts	General Light house	Lighted buoys	Virtual AtoNs for marking	VHF/HF RT set.	RECON	Light Vessel	Launches	Light House Tender Vessel	DGNSS STATIO	VTS	Physical shore station of NAIS
1	2	3	4	5	6	7	8	9	10	11	12
Gujarat	50	21	1	27	19	1	-	1	4	1	15
Maharashtra	20	-	7	-	11	-	-	-	2	-	10
Goa, Daman & Diu	3	-	-	-	1	-	-	-	1	-	1
Karnataka	8	-	1	2	-	-	-	-	1	-	5
Kerala	17	-	1	2	5	-	-	-	1	-	9
Tamil Nadu	23	-	-	11	9	-	-	-	4	-	12
Puducherry	2	-	-	1	1	-	-	-	1	-	1
Andhra Pradesh	19	-	-	5	5	-	-	-	3	-	13
Orissa	6	-	-	4	2	-	-	-	1	-	8
West Bengal	3	-	-	3	1	-	-	-	1	-	1
Andaman & Nicobar Islands	36	1	-	1	5	-	-	1	3	-	7
Lakshadweep	16	-	-	2	5	-	-	-	1	-	5
Total	203	22	10	58	64	1	0	2	23	1	87

* DGLL also maintains Maritime Safety Information Broadcast Service with Transmitters at Varaval (Gujarat), Venguala (Maharashtra), Muttom & Portnova (Tamil Nadu), Vakalpudi (A.P), Blasore (Odisha) and Keating Point (A& N Island).

Source : Directorate General of Light Houses & Lightships.

SECTION – II

2. CURRENT PORT STATISTICS

2.1 MAJOR PORTS

2.2 NON-MAJOR PORTS

Table 2.1.1**Traffic Handled At Major Ports in India -2022-23**

(In '000 Tonnes)

Port	Overseas				Coastal				Overseas & Coastal			
	Un-Loaded	Loaded	Trans-shipment	Total	Un-Loaded	Loaded	Trans-shipment	Total	Un-Loaded	Loaded	Trans-shipment	Total
1	2	3	4	5	6	7	8	9	10	11	12	13
Deendayal	90260	31972	3	122236	4580	10732	12	15325	94841	42704	15	137561
Mumbai	32893	3364	4749	41006	8633	5761	8208	22602	41526	9125	12957	63608
J.L. Nehru	43148	34551	1185	78884	2639	2049	289	4977	45787	36600	1474	83861
Mormugao	12743	2858	0	15601	1084	649	0	1733	13827	3507	0	17334
New Mangalore	24594	7747	0	32341	7299	1777	0	9076	31893	9524	0	41417
Cochin	19818	2598	733	23150	7186	3820	1100	12106	27004	6418	1833	35256
V.O. Chidambaranar	17516	7464	490	25470	11081	1491	0	12572	28597	8954	490	38041
Chennai	27897	15135	0	43032	4387	1530	0	5917	32284	16665	0	48949
Kamarajar	17286	7572	1148	26006	17501	0	0	17501	34787	7572	1148	43507
Visakhapatnam	42707	11398	495	54600	3653	14805	692	19150	46360	26203	1187	73750
Paradip	65456	11449	33	76938	2281	56142	0	58423	67737	67591	33	135361
SMP (Haldia Dock Complex)	39716	3940	0	43656	3281	1671	0	4952	42997	5611	0	48608
SMP (Kolkata Dock System)	5766	6235	4659	16660	191	200	0	391	5957	6435	4659	17051
All Ports	439801	146283	13495	599579	73796	100627	10302	184725	513597	246910	23797	784305

Source : Major Ports

Table 2.1.2**Traffic Handled At Major Ports by Selected Commodities -2022-23**

('000 Tonnes)

Port	POL and Crude Product	Iron Ore	Fertiliser	FRM (Dry)	Food-grains	Coal*	Container Cargo		Others	Total
							000 Tonnes	000 TEUs		
1	2	3	4	5	6	7	8	9	10	11
Deendayal	59912	877	3810	144	5626	21240	8572	492	37379	137561
Mumbai	36525	6045	304	107	19	6279	225	21	14104	63608
J.L.Nehru	2299	0	0	0	0	0	76194	6051	5368	83861
Mormugao	609	2284	94	0	0	10216	28	3	4103	17334
New Mangalore	24040	2832	535	77	30	689	2369	166	10845	41417
Cochin	21267	0	0	171	0	0	9986	695	3832	35256
V.O.Chidambaranar	205	25	666	739	35	15553	14678	734	6140	38041
Chennai	14148	0	0	280	32	0	28377	1470	6112	48949
Kamarajar	2504	0	0	0	0	24184	10617	550	6202	43507
Visakhapatnam	14201	14924	1434	1405	793	6474	8460	522	26059	73750
Paradip	37806	18506	553	4954	0	52058	192	12	21292	135361
Haldia Dock Complex	4103	927	61	391	6	11825	2067	107	29228	48608
Kolkata Dock System	297	0	431	10	413	1432	8520	602	5948	17051
All Ports	217917	46420	7888	8278	6955	149950	170284	11425	176614	784305

*: Thermal Coal & Coking Coal

Source: Major Ports

Table 2.1.3

Traffic Handled - Port-wise and Principal Commodity-wise - 2020-21, 2021-22 & 2022-23

Commodity	SMP Kolkata Dock System																		('000 Tonnes)		
	2020-21						2021-22						2022-23								
	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	67	60	127	176	3	179	59	1	60	192	64	256	73	1	74	161	63	224			
Fertiliser	571	0	571	0	0	0	276	0	276	0	0	0	431	0	431	0	0	0			
FRM - Dry	0	0	0	0	0	0	30	0	30	0	0	0	10	0	10	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	8	198	206	0	0	0	0	805	805	11	0	11	0	413	413	0	0	0			
Iron & Steel	45	38	83	0	11	11	33	191	224	0	14	14	60	118	179	0	24	24			
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	241	0	241	0	0	0	410	0	410	0	0	0	446	0	446	0	0	0			
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Coking Coal	134	0	134	0	0	0	165	0	165	0	0	0	1432	0	1432	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	158	0	158	0	0	0	0	0	0	0	0	0	18	0	18	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			
Container	4097	4078	8175	20	42	62	4269	4124	8393	10	38	49	4248	4222	8469	13	42	55			
Others	3927	1700	5627	250	76	326	2613	1897	4511	46	50	96	3683	1505	5188	17	71	88			
Total	9248	6074	15322	446	132	578	7855	7018	14873	259	167	425	10401	6259	16660	191	200	391			

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

Traffic Handled - Port-wise and Principal Commodity-wise - 2020-21, 2021-22 & 2022-23

Commodity	SMP Haldia Dock Complex																		('000 Tonnes)		
	2020-21						2021-22						2022-23								
	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	91	0	91	0	0	0	42	0	42	0	0	0	120	0	120	75	0	75			
POL Products	613	160	773	2430	911	3341	578	92	670	2825	1072	3897	898	135	1033	1706	1169	2875			
Fertiliser	213	0	213	0	0	0	181	0	181	0	0	0	61	0	61	0	0	0			
FRM - Dry	340	0	340	0	0	0	375	0	375	0	0	0	391	0	391	0	0	0			
FRM - Liquid	588	0	588	0	0	0	380	0	380	0	0	0	379	0	379	0	0	0			
Food Grains	0	0	0	0	0	0	0	51	51	0	0	0	0	6	6	0	0	0			
Iron & Steel	43	1350	1393	0	0	0	52	786	838	0	2	2	161	78	239	0	0	0			
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	23	0	23	0	0	0			
Sugar	0	22	22	0	0	0	0	84	84	0	0	0	0	0	0	0	0	0			
Veg. Oil	2376	0	2376	0	2	2	2528	0	2528	0	3	3	2425	0	2425	0	0	0			
Salt	0	0	0	44	0	44	0	0	0	0	0	0	0	0	0	0	0	0			
Coking Coal	7547	0	7547	40	0	40	7660	0	7660	27	0	27	11085	0	11085	740	0	740			
Thermal Coal	0	0	0	0	522	522	0	0	0	0	95	95	0	0	0	0	0	0			
Cement	128	0	128	177	0	177	0	0	0	0	0	0	108	0	108	0	0	0			
Iron Ore/Pellets	0	3947	3947	0	0	0	0	736	736	0	212	212	0	719	719	0	208	208			
Other Ore	1576	34	1610	0	0	0	2554	0	2554	0	0	0	2050	0	2050	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			
Container	962	1142	2104	503	320	823	1016	1548	2564	365	424	789	505	891	1396	377	294	671			
Others	17787	1477	19264	123	0	123	16760	2078	18838	334	17	351	21510	2111	23621	383	0	383			
Total	32264	8132	40396	3317	1755	5072	32126	5375	37501	3551	1825	5376	39716	3940	43656	3281	1671	4952			

Table 2.1.3
(Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2020-21, 2021-22 & 2022-23

Commodity	Paradip																	
	2020-21						2021-22						2022-23					
	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	27501	0	27501	51	0	51	29017	0	29017	78	0	78	32434	0	32434	328	0	328
POL Products	132	1903	2035	1341	2190	3531	400	1982	2382	1073	2576	3649	188	738	926	1327	2791	4118
Fertiliser	480	0	480	0	0	0	389	0	389	0	0	0	553	0	553	0	0	0
FRM - Dry	4922	0	4922	0	0	0	4802	0	4802	0	0	0	4954	0	4954	0	0	0
FRM - Liquid	1461	63	1524	19	0	19	1645	46	1691	40	107	147	1893	0	1893	8	0	8
Food Grains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron & Steel	32	2918	2950	0	67	67	0	2585	2585	0	143	143	357	1372	1729	0	267	267
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	57	0	57	0	0	0	97	0	97	0	0	0	69	0	69	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	10266	0	10266	25	26	51	13517	0	13517	0	68	68	9254	0	9254	0	406	406
Thermal Coal	3827	0	3827	0	19210	19210	2665	0	2665	0	28201	28201	133	0	133	0	42265	42265
Cement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron Ore/Pellets	15	22316	22331	78	6042	6120	78	10671	10749	351	9043	9394	247	8365	8612	72	9822	9894
Other Ore	114	144	258	0	55	55	329	197	526	0	98	98	248	131	379	0	257	257
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
Container	9	42	51	86	142	228	2	49	51	61	72	133	0	23	23	55	114	169
Others	7123	590	7713	14	1288	1302	4591	868	5459	168	125	292	15158	821	15979	491	220	711
Total	55939	27976	83915	1614	29020	30634	57532	16398	73930	1771	40433	42203	65488	11450	76938	2281	56142	58423

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

Traffic Handled - Port-wise and Principal Commodity-wise - 2020-21, 2012-22 & 2022-23

Visakhapatnam

('000 Tonnes)

Commodity	2020-21						2021-22						2022-23					
	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	8158	0	8158	931	0	931	5866	0	5866	2193	0	2193	9487	0	9487	485	593	1078
POL Products	885	574	1459	1931	1196	3127	746	445	1191	1886	1173	3059	289	665	954	2122	560	2682
Fertiliser	1957	0	1957	0	0	0	1182	0	1182	0	0	0	1434	0	1434	0	0	0
FRM - Dry	1076	0	1076	0	0	0	1492	0	1492	0	0	0	1405	0	1405	0	0	0
FRM - Liquid	840	0	840	0	0	0	985	0	985	0	0	0	1032	0	1032	66	0	66
Food Grains	0	98	98	0	0	0	2	611	613	0	0	0	0	793	793	0	0	0
Iron & Steel	1	1261	1262	0	1	1	2	1125	1127	0	0	0	318	400	718	0	5	5
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veg. Oil	0	0	0	0	0	0	26	0	26	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	5423	0	5423	0	0	0	4428	0	4428	0	0	0	4908	0	4908	0	0	0
Thermal Coal	0	0	0	0	695	695	0	0	0	0	2594	2594	437	0	437	0	1129	1129
Cement	0	0	0	0	16	16	0	0	0	0	0	0	0	0	0	0	16	16
Iron Ore/Pellets	0	8733	8733	446	3464	3910	0	2734	2734	349	11830	12179	0	1919	1919	509	5267	13002
Other Ore	2479	131	2610	61	0	61	3309	229	3538	0	0	0	2746	295	3041	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
Container	3049	4823	7872	187	119	306	3375	4778	8153	225	205	430	3064	4894	7958	301	201	502
Others	11512	1987	13499	315	7494	7809	13850	2572	16422	387	431	818	18082	2432	20514	269	401	670
Total	35380	17607	52987	3871	12985	16856	35263	12494	47757	5040	16233	21273	43202	11398	54600	3752	15398	19150

Table 2.1.3

Traffic Handled - Port-wise and Principal Commodity-wise - 2020-21, 2021-22 & 2022-23

Commodity	Kamarajar																	
	2020-21						2021-22						2022-23					
	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	231	0	231	2189	0	2189	17	0	17	2554	0	2554	0	71	71	2433	0	2433
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	11	9	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron & Steel	0	0	0	240	0	240	0	454	454	66	0	66	0	298	298	8	0	8
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	859	0	859	0	0	0	1,878	0	1878	0	0	0	1851	0	1851	0	0	0
Thermal Coal	5580	0	5580	8750	0	8750	5,636	0	5636	13619	0	13619	7273	0	7273	15060	0	15060
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
Container	2268	1596	3864	7	0	7	4567	4702	9269	0	0	0	5349	5268	10617	0	0	0
Others	2732	1417	4149	0	0	0	3501	1749	5250	0	0	0	3397	2499	5896	0	0	0
Total	11681	3022	14703	11186	0	11186	15599	6904	22503	16239	0	16239	17870	8136	26006	17501	0	17501

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

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

Traffic Handled - Port-wise and Principal Commodity-wise - 2020-21, 2021-22 & 2022-23

Commodity	Chennai																	
	('000 Tonnes)																	
	2020-21						2021-22						2022-23					
	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	6351	0	6351	1830	0	1830	7377	0	7377	1815	0	1815	9387	0	9387	1978	0	1978
POL Products	184	581	765	805	479	1284	347	924	1271	826	561	1387	278	1102	1380	845	558	1403
Fertiliser	135	0	135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRM - Dry	202	0	202	0	0	0	268	0	268	0	0	0	280	0	280	0	0	0
FRM - Liquid	12	0	12	0	0	0	10	0	10	0	0	0	0	0	0	0	0	0
Food Grains	0	0	0	0	0	0	0	84	84	0	0	0	0	32	32	0	0	0
Iron & Steel	596	1303	1899	0	1	1	644	752	1396	0	4	4	983	1	984	0	0	0
Iron Scrap	9	0	9	0	0	0	90	0	90	0	0	0	1039	49	1088	0	0	0
Sugar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veg. Oil	910	0	910	0	0	0	924	0	924	0	0	0	1219	0	1219	0	0	0
Salt	0	0	0	53	0	53	0	0	0	45	0	45	0	0	0	122	0	122
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	16	16	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	430	430	0	0	0	0	850	850	0	0	0	0	793	793	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
Container	13023	11604	24627	1141	1000	2141	14461	13219	27680	1726	1519	3245	14008	12391	26399	1013	965	1978
Others	2146	478	2624	263	1	264	791	653	1444	646	28	674	703	767	1470	429	7	436
Total	23568	14396	37964	4092	1497	5589	24912	16482	41394	5058	2112	7170	27897	15135	43032	4387	1530	5917

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

Traffic Handled - Port-wise and Principal Commodity-wise - 2020-21, 2021-22 & 2022-23

V.O. Chidambaranar

('000 Tonnes)

Commodity	2020-21						2021-22						2022-23					
	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	341	0	341	51	4	55	210	0	210	73	0	73	116	0	116	89	0	89
Fertiliser	840	0	840	0	0	0	342	0	342	4	0	4	666	0	666	0	0	0
FRM - Dry	504	0	504	0	0	0	763	0	763	0	0	0	739	0	739	0	0	0
FRM - Liquid	135	0	135	0	0	0	125	9	134	0	0	0	131	0	131	0	0	0
Food Grains	0	0	0	0	0	0	0	0	0	0	0	0	0	35	35	0	0	0
Iron & Steel	0	2	2	2	0	2	7	7	14	8	0	8	3	41	44	82	0	82
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar	0	1	1	0	0	0	0	40	40	0	0	0	0	0	0	0	0	0
Veg. Oil	276	0	276	0	0	0	341	0	341	0	0	0	452	0	452	0	0	0
Salt	0	0	0	45	0	45	0	0	0	195	0	195	0	0	0	226	0	226
Coking Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thermal Coal	441	0	441	6234	0	6234	0	0	0	7488	0	7488	6056	0	6056	9497	0	9497
Cement	0	66	66	0	1	1	0	34	34	0	5	5	0	86	86	0	7	7
Iron Ore/Pellets	0	0	0	0	0	0	25	0	25	0	0	0	25	0	25	0	0	0
Other Ore	20	0	20	0	0	0	67	8	75	0	0	0	0	7	7	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
Container	4893	5990	10883	1961	2179	4140	6421	6805	13226	1192	1487	2679	6330	5861	12190	1065	1423	2488
Others	6685	942	7627	103	74	177	7157	1203	8360	16	87	103	3243	1679	4922	122	61	183
Total	14135	7001	21136	8396	2258	10654	15458	8106	23564	8976	1579	10555	17761	7709	25470	11081	1491	12572

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

Traffic Handled - Port-wise and Principal Commodity-wise - 2020-21, 2021-22 & 2022-23

Cochin

('000 Tonnes)

Commodity	2020-21						2021-22						2022-23					
	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	13065	0	13065	378	0	378	14857	0	14857	267	0	267	16207	0	16207	95	0	95
POL Products	175	1124	1299	1046	2765	3811	230	1081	1310	1084	3548	4632	279	646	925	1198	2843	4040
Fertiliser	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRM - Dry	256	0	256	0	0	0	319	0	319	0	0	0	171	0	171	0	0	0
FRM - Liquid	441	0	441	10	0	10	294	0	294	53	0	53	219	0	219	151	0	151
Food Grains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron & Steel	8	0	8	0	1	1	11	0	11	0	0	0	31	0	31	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	15	0	15	0	0	0	25	0	25	0	0	0	19	0	19	0	0	0
Salt	0	0	0	70	0	70	0	0	0	125	0	125	0	0	0	90	0	90
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	1141	0	1141	0	0	0	1009	0	1009	0	0	0	1049	0	1049
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
Container	1979	2078	4057	4611	882	5493	2102	2495	4597	4360	1321	5681	1971	2317	4288	4303	1395	5698
Others	1262	0	1262	11	186	197	1288	12	1300	0	71	71	1288	2	1290	850	133	982
Total	17201	3202	20403	7267	3834	11100	19127	3587	22714	6897	4940	11837	20185	2965	23150	7736	4370	12106

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

Traffic Handled - Port-wise and Principal Commodity-wise - 2020-21, 2021-22 & 2022-23

New Mangalore

('000 Tonnes)

Commodity	2020-21						2021-22						2022-23					
	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	11539	0	11539	2511	114	2625	11362	0	11362	2611	0	2611	14060	0	14060	3388	0	3388
POL Products	83	2189	2272	939	1734	2673	17	4681	4698	1081	797	1878	8	4916	4924	657	1010	1667
Fertiliser	779	0	779	0	0	0	408	0	408	0	0	0	535	0	535	0	0	0
FRM - Dry	62	11	73	0	0	0	120	21	141	0	0	0	56	21	77	0	0	0
FRM - Liquid	239	0	239	0	0	0	199	0	199	0	0	0	157	0	157	0	0	0
Food Grains	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	0	0	0
Iron & Steel	0	2	2	276	1	277	106	141	247	187	2	189	6	0	6	0	1	1
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar	0	108	108	0	0	0	0	256	256	0	0	0	0	0	0	0	0	0
Veg. Oil	724	0	724	6	33	39	767	0	767	6	14	20	957	0	957	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	94	0	94	0	0	0	201	0	201	0	0	0	608	0	608	0	0	0
Thermal Coal	0	0	0	0	0	0	0	0	0	0	0	0	4336	0	4336	0	0	0
Cement	0	0	0	366	0	366	0	0	0	253	0	253	11	0	11	225	0	225
Iron Ore/Pellets	0	1900	1900	2345	484	2829	30	2097	2127	2147	878	3025	0	0	0	1467	0	1467
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
Container	446	432	878	1043	370	1413.01	413	453	866	996	447	1443	542	549	1091	908	370	1278
Others	6417	805	7222	21	428	448	7189	943	8133	363	109	472	3318	2230	5548	653	396	1049
Total	20383	5448	25830	7507	3163	10670	20812	8592	29405	7644	2247	9891	24594	7747.20	32341	7299	1777	9076

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

Traffic Handled - Port-wise and Principal Commodity-wise - 2020-21, 2021-22 & 2022-23

Mormugao

('000 Tonnes)

Commodity	2020-21						2021-22						2022-23					
	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	410	0	410	0	0	0	497	0	497	0	0	0	609	0	609
Fertiliser	163	0	163	0	0	0	63	0	63	0	0	0	94	0	94	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	168	0	168	0	0	0	108	0	108	0	0	0	212	0	212	0	0	0
Foodgrain	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron & Steel	0	38	38	0	0	0	0	93	93	0	103	103	0	81	81	81	18	99
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veg. Oil	10	0	10	0	0	0	53	0	53	0	0	0	13	0	13	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	7586	0	7586	107	0	107	6933	0	6933	398	0	398	7328	0	7328	81	31	112
Thermal Coal	1456	0	1456	0	0	0	1830	0	1830	2	0	2	2554	0	2554	222	0	222
Cement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron Ore/Pellets	0	7010	7010	0	0	0	0	2658	2658	157	737	894	0	1684	1684	0	600	600
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
Container	145	81	226	65	16	81	68	64	132	46	6	52	13	15	28	0	0	0
Others	1610	2311	3921	806	6	812	2121	2352	4473	163	4	167	2529	1078	3607	91	0	91
Total	11138	9440	20578	1388	22	1410	11176	5167	16343	1263	850	2113	12743	2858	15601	1084	649	1733

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

Traffic Handled - Port-wise and Principal Commodity-wise - 2020-21, 2021-22 & 2022-23

J. L. Nehru

('000 Tonnes)

Commodity	2020-21						2021-22						2022-23					
	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	386	386	0	0	0	0	0	0	0	0	0	0	0	0
POL Products	272	46	318	1165	681	1846	408	0	408	962	767	1729	674	3	677	786	837	1623
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	286	0	286	0	0	0	244	0	244	0	0	0	237	0	237	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	1226	0	1226	0	0	0	1225	13	1238	0	0	0	1319	0	1319	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	866	0	866	0	0	0	807	0	807	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	1160	162	1322	0	0	0	938	387	1325	0	0	0	1037	428	1465	0	0	0
Container	28749	27393	56142	715	888	1603	34129	33383	67512	671	909	1580	39456	34745	74201	677	1315	1993
Others	809	1	810	1	2	4	1148	1	1149	1	3	4	984	2	986	1361	1	1362
Total	32502	27602	60104	2747	1958	4705	38091	33784	71875	2441	1679	4121	43706	35178	78884	2824	2153	4977

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

Traffic Handled - Port-wise and Principal Commodity-wise - 2020-21, 2021-22 & 2022-23

Commodity	Mumbai																		('000 Tonnes)		
	2020-21						2021-22						2022-23								
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal					
Unloaded	Loaded	Total	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	20	21	22
POL Crude	14118	0	14118	333	10356	10689	15168	0	15168	109	9918	10027	18068	0	18068	635	8891	9526			
POL Products	1670	1922	3592	799	4027	4827	1868	2278	4146	1807	4432	6239	1575	1400	2975	1221	4735	5956			
Fertiliser	325	0	325	0	0	0	308	0	308	0	0	0	304	0	304	0	0	0			
FRM - Dry	37	0	37	0	0	0	162	0	162	0	0	0	107	0	107	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	20	20	0	0	0	13	6	19	0	0	0			
Iron & Steel	1262	528	1790	38	0	38	1467	1413	2880	188	3	191	2280	1329	3609	332	4	336			
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Sugar	0	160	160	0	0	0	0	509	509	0	0	0	0	264	264	0	0	0			
Veg. Oil	4	0	4	0	0	0	144	0	144	0	0	0	2	0	2	0	0	0			
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Coking Coal	525	0	525	444	0	444	290	0	290	0	0	0	0	0	0	0	0	0			
Thermal Coal	3466	0	3466	78	0	78	5088	0	5088	0	0	0	6270	0	6270	9	0	9			
Cement	0	2	2	348	0	348	0	0	0	554	0	554	0	0	0	400	0	400			
Iron Ore/Pellets	220	0	220	6955	0	6955	0	0	0	6739	0	6739	0	0	0	6045	0	6045			
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			
Container	1	6	7	247	0	248	1	4	5	233	0	233	4	0	4	219	2	221			
Others	4972	363	5335	94	21	115	6495	579	7074	81	33	114	8306	1078	9384	108	1	109			
Total	26601	2981	29582	9337	14405	23742	30991	4803	35794	9711	14386	24097	36929	4077	41006	8969	13633	22602			

Note:- Coastal cargo unloaded includes transshipment of POL crude(5720Th. Tonnes) and products(2103Th. Tonnes) moved through pipeline.

Table 2.1.3
(Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2020-21, 2021-22 & 2022-23

Deendayal

('000 Tonnes)

Commodity	2020-21						2021-22						2022-23					
	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	8	9	10	11	12	13	14	15	16	17	18	19	14	15	16	17	18	19
POL Crude	34423	0	34423	4086	0	4086	39473	0	39473	2683	0	2683	44235	0	44235	1828	0	1828
POL Products	1739	8519	10258	578	3521	4099	10	8904	8914	757	4474	5231	815	7331	8146	1141	4563	5704
Fertiliser	4918	0	4918	0	0	0	4338	0	4338	2	0	2	3810	0	3810	0	0	0
FRM - Dry	156	0	156	0	0	0	245	0	245	0	0	0	144	0	144	0	0	0
FRM - Liquid	1917	0	1917	0	0	0	2100	0	2100	0	0	0	2252	0	2252	0	0	0
Food Grains	328	904	1231	0	0	0	4	5435	5439	11	0	11	0	5626	5626	0	0	0
Iron & Steel	533	1057	1590	48	0	48	379	392	771	167	136	303	301	226	526	105	74	179
Iron Scrap	176	0	176	0	0	0	0	0	0	0	0	0	795	0	795	0	0	0
Sugar	1044	1355	2400	0	0	0	199	2611	2810	0	0	0	538	2342	2880	0	0	0
Veg. Oil	4021	175	4196	0	0	0	4318	203	4521	0	0	0	4822	189	5012	0	0	0
Salt	0	4052	4052	0	450	450	0	3358	3358	0	995	995	0	8836	8836	0	1083	1083
Coking Coal	971	0	971	0	0	0	548	92	640	0	8	8	354	0	354	2	0	2
Thermal Coal	18620	0	18620	2	0	2	19557	217	19774	0	41	41	20813	0	20813	72	0	72
Cement	0	0	0	0	0	0	13	37	50	0	0	0	0	0	0	0	0	0
Iron Ore/Pellets	226	0	226	150	0	150	549	43	592	172	0	172	199	0	199	678	0	678
Other Ore	0	132	132	0	62	62	51	182	233	0	591	591	159	0	159	0	27	27
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
Container	674	1639	2313	715	5251	5966	1416	1849	3265	627	4728	5355	1523	1694	3217	725	4630	5355
Others	6949	7889	14837	8	282	289	10285	4270	14555	24	606	630	9504	5730	15233	36	361	397
Total	76694	25721	102414	5586	9566	15152	83485	27593	111078	4443	11579	16022	90262	31974	122236	4587	10738	15325

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

Traffic Handled - Port-wise and Principal Commodity-wise - 2020-21, 2021-22 & 2022-23

Commodity	All Ports																	
	2020-21						2021-22						2022-23					
	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	8	9	10	11	12	13	14	15	16	17	18	19	14	15	16	17	18	19
POL Crude	115246	0	115246	10506	10856	20976	123162	0	123162	9756	9918	19674	143998	0	143998	8812	9484	18296
POL Products	6392	17078	23470	13860	17512	31372	4889	20388	25277	15617	19464	35081	5264	16936	22200	14294	19128	33423
Fertiliser	10381	0	10381	0	0	0	7487	0	7487	6	0	6	7888	0	7888	0	0	0
FRM - Dry	7555	11	7566	0	0	0	8577	21	8598	0	0	0	8257	21	8278	0	0	0
FRM - Liquid	6087	63	6150	29	0	29	6090	55	6145	93	107	200	6512	0	6512	225	0	225
Food Grains	347	1209	1555	0	0	0	6	7006	7012	22	0	22	13	6942	6955	0	0	0
Iron & Steel	2520	8497	11017	604	82	686	2701	7939	10640	616	407	1023	4500	3944	8445	749	394	1142
Iron Scrap	185	0	185	0	0	0	90	0	90	0	0	0	1857	49	1906	0	0	0
Sugar	1044	1646	2691	0	0	0	199	3500	3699	0	0	0	538	2778	3316	0	0	0
Veg. Oil	9860	175	10035	6	35	41	10857	216	11073	6	17	23	11740	193	11933	0	0	0
Salt	0	4052	4052	212	450	662	0	3358	3358	365	995	1360	0	8836	8836	438	1083	1521
Coking Coal	33405	0	33405	616	26	642	35620	92	35712	425	76	501	36819	0	36819	823	437	1260
Thermal Coal	33390	0	33390	15064	20427	35491	34776	217	34993	21109	30931	52040	43536	0	43536	24860	43475	68335
Cement	128	68	196	2898	33	2931	13	71	84	2623	5	2628	119	86	205	1820	23	1843
Iron Ore/Pellets	461	43906	44367	9974	9990	19964	682	18939	19621	9915	22700	32615	471	13996	14467	8772	23178	31950
Other Ore	4347	871	5218	61	117	178	6310	1466	7776	0	689	689	5062	1385	6447	0	284	284
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemicals	1160	162	1322	0	0	0	938	387	1325	0	0	0	1037	428	1465	0	0	0
Container	60295	60905	121200	11302	11208	22510	72240	73472	145712	10513	11157	21669	77012	72865	149876	9656	10751	20407
Others	73930	19960	93890	2008	9858	11866	77790	19176	96967	2228	1565	3793	96132	20367	116499	4523	1515	6038
Total	366733	158602	525335	66754	80594	147347	392428	156303	548731	73293	98030	171323	450755	148826	599580	74973	109752	184725

Source: BPS & Major Ports.

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

Port	2020-21 (%)			2021-22 (%)			2022-23 (%)		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
MAJOR PORTS	10.1	3.5	8.1	8.2	3.9	7.0	7.7	3.1	6.6
Deendayal	5.4	2.4	4.7	0.0	0.0	0.0	0.0	0.0	0.0
Mumbai	22.6	12.3	21.6	17.0	3.3	15.2	14.4	7.8	13.7
J.N.P.T.	0.5	0.01	0.3	1.0	0.3	0.6	1.2	0.4	0.8
Mormugao	1.2	1.8	1.5	1.5	2.0	1.6	0.1	0.5	0.2
New Mangalore	25.8	11.5	22.8	14.1	5.4	11.6	14.0	1.2	10.9
Cochin	27.3	27.2	27.3	21.4	38.3	24.0	21.2	34.5	22.9
V.O.Chidambaranar	2.8	2.9	2.8	6.1	5.2	5.8	3.9	5.2	4.3
Chennai	16.4	7.5	13.0	17.6	7.9	13.7	11.8	5.1	9.5
Visakhapatnam	12.9	3.6	9.8	10.0	9.3	9.8	8.2	11.7	9.0
Paradip	8.1	2.8	6.4	11.2	3.4	9.5	11.5	2.1	10.1
SMP(Haldia Dock Complex)	7.8	1.2	6.5	10.2	0.9	8.9	13.4	3.0	12.5
SMP (Kolkata Dock System)	2.2	2.9	2.5	5.0	5.4	5.2	2.2	3.7	2.8
Kamarajar	3.4	0.0	2.7	2.9	0.0	2.0	3.5	0.0	2.4
NON-MAJOR PORTS	3.1	2.7	3.0	4.3	2.3	3.8	3.6	2.5	3.3
All Ports	6.6	3.2	5.6	6.3	3.1	5.4	6.0	2.7	5.1

Table 2.1.5

Container Traffic Handled at Major Ports - Type-Wise - 2020-21, 2021-22 & 2022-23

(Nos.)

Type	Deendayal			MUMBAI			JAWAHARLAL NEHRU**		
	2020-21	2021-22	2022-23	2020-21	2021-22	2022-23	2020-21	2021-22	2022-23
1	2	3	4	5	6	7	8	9	10
IMPORT	254879	243495	261191	23938	21821	20754	2304616	2802920	3045119
20'	231821	219813	244073	834	547	222	820662	905394	990579
40'	11529	11841	8559	11552	10637	10266	741977	948763	1027270
Stuffed	37355	72845	87531	23579	21660	20754	1823790	2117154	2473488
20'	35991	62561	79613	625	440	222	687720	760888	903466
40'	682	5142	3959	11477	10610	10266	568035	678133	785011
Empty	217524	170650	173660	359	161	0	480826	685766	571631
20'	195830	157252	164460	209	107	0	132942	144506	87113
40'	10847	6699	4600	75	27	0	173942	270630	242259
EXPORT	255122	242892	228893	42	40	106	2262994	2784709	2878494
20'	230594	221974	206885	2	4	90	811612	899377	902940
40'	12264	10459	11004	20	18	8	725691	942666	987777
Stuffed	249023	236042	223902	2	12	90	1912785	2393135	2373483
20'	225173	216132	202928	0	2	90	695767	766279	733833
40'	11925	9955	10487	1	5	0	608509	813428	819825
Empty	6099	6850	4991	40	28	16	350209	391574	505011
20'	5421	5842	3957	2	2	0	115845	133098	169107
40'	339	504	517	19	13	8	117182	129238	167952
TRANSHIP-MENT	4503	5600	1988	678	390	4	109221	96930	127299
20'	2825	1344	832	434	246	0	26707	25998	32617
40'	839	2128	578	122	72	2	41257	35466	47341
Stuffed	2747	1330	528	678	390	4	95780	91454	94826
20'	2077	1006	400	434	246	0	23340	24530	28696
40'	335	162	64	122	72	2	36220	33462	33065
Empty	1756	4270	1460	0	0	0	13441	5476	32473
20'	748	338	432	0	0	0	3367	1468	3921
40'	504	1966	514	0	0	0	5037	2004	14276
TOTAL	514504	491987	492072	24658	22251	20864	4676831	5684559	6050912
20'	465240	443131	451790	1270	797	312	1658981	1830769	1926136
40'	24632	24428	20141	11694	10727	10276	1508925	1926895	2062388
Stuffed	289125	310217	311961	24259	22062	20848	3832355	4601743	4941797
20'	263241	279699	282941	1059	688	312	1406827	1551697	1665995
40'	12942	15259	14510	11600	10687	10268	1212764	1525023	1637901
Empty	225379	181770	180111	399	189	16	844476	1082816	1109115
20'	201999	163432	168849	211	109	0	252154	279072	260141
40'	11690	9169	5631	94	40	8	296161	401872	424487

Note: Bifurcation in to LCL, FCL, Stuffed, empty, 20' & 40' & Dry/Reefer has not been provided by the terminal operator M/s ABGKCTL to Deendayal Port.

Table 2.1.5
(Contd...)

Container Traffic Handled at Major Ports - Type-Wise - 2020-21, 2021-22 & 2022-23

(Nos.)

Type	MORMUGAO**			NEW MANGALORE**			COCHIN**		
	2020-21	2021-22	2022-23	2020-21	2021-22	2022-23	2020-21	2021-22	2022-23
1	2	3	4	5	6	7	8	9	10
IMPORT	11290	6826	1812	76017	75838	83527	301667	289952	298136
20'	6312	3216	368	49827	45010	43799	174921	156196	162084
40'	2489	1805	722	13095	15414	19864	63373	66878	68026
Stuffed	9860	5420	917	61926	59754	62465	253897	219584	225505
20'	6232	3016	255	41346	36258	31161	168843	146074	146759
40'	1814	1202	331	10290	11748	15652	42527	36755	39373
Empty	1430	1406	895	14091	16084	21062	47770	70368	72631
20'	80	200	113	8481	8752	12638	6078	10122	15325
40'	675	603	391	2805	3666	4212	20846	30123	28653
EXPORT	10753	7229	1064	74428	76646	81988	301269	289466	292428
20'	6253	3557	314	49162	47350	43954	175057	156546	159694
40'	2250	1836	375	12633	14648	19017	63106	66460	66367
Stuffed	5911	4536	963	37229	42883	42511	146352	167186	174429
20'	2329	1386	313	21319	22741	22087	46254	53826	61083
40'	1791	1575	325	7955	10071	10212	50049	56680	56673
Empty	4842	2693	101	37199	33763	39477	154917	122280	117999
20'	3924	2171	1	27843	24609	21867	128803	102720	98611
40'	459	261	50	4678	4577	8805	13057	9780	9694
TRANSHIP-MENT	65	0	0	0	0	0	86761	156159	104666
20'	59	0	0	0	0	0	36829	90889	66030
40'	3	0	0	0	0	0	24966	32635	19318
Stuffed	65	0	0	0	0	0	70061	112595	78838
20'	59	0	0	0	0	0	26885	73447	58648
40'	3	0	0	0	0	0	21588	19574	10095
Empty	0	0	0	0	0	0	16700	43564	25828
20'	0	0	0	0	0	0	9944	17442	7382
40'	0	0	0	0	0	0	3378	13061	9223
TOTAL	22108	14055	2876	150445	152484	165515	689697	735577	695230
20'	12624	6773	682	98989	92360	87753	386807	403631	387808
40'	4742	3641	1097	25728	30062	38881	151445	165973	153711
Stuffed	15836	9956	1880	99155	102637	104976	470310	499365	478772
20'	8620	4402	568	62665	58999	53248	241982	273347	266490
40'	3608	2777	656	18245	21819	25864	114164	113009	106141
Empty	6272	4099	996	51290	49847	60539	219387	236212	216458
20'	4004	2371	114	36324	33361	34505	144825	130284	121318
40'	1134	864	441	7483	8243	13017	37281	52964	47570

** includes reefers

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

Container Traffic Handled at Major Ports - Type-Wise - 2020-21, 2021-22 & 2022-23

(Nos.)

Type	V.O.CHIDAMBANAR**			CHENNAI**			VISAKHAPATNAM**		
	2020-21	2021-22	2022-23	2020-21	2021-22	2022-23	2020-21	2021-22	2022-23
1	2	3	4	5	6	7	8	9	10
IMPORT	365679	381234	357139	684596	772782	752505	235286	260791	261244
20'	108639	105101	96611	293864	294240	278121	158692	165077	165200
40'	128520	138067	130264	195366	239271	237192	38297	47857	48022
Stuffed	294366	242874	265087	625997	691108	677919	146946	168835	155351
20'	96852	75215	73351	268931	264576	248683	99832	107569	94521
40'	98757	83830	95868	178533	213266	214618	23557	30633	30415
Empty	71313	138360	92052	58599	81674	74586	88340	91956	105893
20'	11787	29886	23260	24933	29664	29438	58860	57508	70679
40'	29763	54237	34396	16833	26005	22574	14740	17224	17607
EXPORT	368458	379064	351680	605529	697631	664921	240191	248711	260104
20'	109512	103177	95374	254381	269631	240933	163171	162395	164650
40'	129473	137944	128153	175574	214000	211994	38510	43158	47727
Stuffed	289353	331640	291639	438874	508317	427850	209265	217461	224784
20'	62689	71466	59175	170156	185765	153712	156757	155559	157174
40'	113332	130087	116232	134359	161276	137069	26254	30951	33805
Empty	79105	47424	60041	166655	189314	237071	30926	31250	35320
20'	46823	31711	36199	84225	83866	87221	6414	6836	7476
40'	16141	7857	11921	41215	52724	74925	12256	12207	13922
TRANSHIP-MENT	28142	21161	25455	96801	131906	52879	5595	2292	771
20'	24098	18171	19523	81409	95956	36285	2609	1000	309
40'	2022	1495	2966	7696	17975	8297	1493	646	231
Stuffed	7845	2993	10583	79778	122518	45863	5449	1820	771
20'	6277	2451	9513	68970	90588	33345	2599	1000	309
40'	784	271	535	5404	15965	6259	1425	410	231
Empty	20297	18168	14872	17023	9388	7016	146	472	0
20'	17821	15720	10010	12439	5368	2940	10	0	0
40'	1238	1224	2431	2292	2010	2038	68	236	0
TOTAL	762279	781458	734274	1386926	1602319	1470305	481072	511794	522119
20'	242249	226448	211508	629654	659827	555339	324472	328472	330159
40'	260015	277505	261383	378636	471246	457483	78300	91661	95980
Stuffed	591564	577506	567309	1144649	1321943	1151632	361660	388116	380906
20'	165818	149131	142039	508057	540929	435740	259188	264128	252004
40'	212873	214188	212635	318296	390507	357946	51236	61994	64451
Empty	170715	203952	166965	242277	280376	318673	119412	123678	141213
20'	76431	77317	69469	121597	118898	119599	65284	64344	78155
40'	47142	63318	48748	60340	80739	99537	27064	29667	31529

** includes reefers

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

Container Traffic Handled at Major Ports - Type-Wise - 2020-21, 2021-22 & 2022-23

(Nos.)

Type	PARADIP**			SMP HALDIA**		
	2020-21	2021-22	2022-23	2020-21	2021-22	2022-23
1	2	3	4	5	6	7
IMPORT	7562	4168	5279	68169	70003	47006
20'	7344	4168	5167	41377	40421	28742
40'	109	0	56	13396	14791	9132
Stuffed	3023	2136	1804	64102	60042	39904
20'	3015	2136	1804	37902	35120	22414
40'	4	0	0	13100	12461	8745
Empty	4539	2032	3475	4067	9961	7102
20'	4329	2032	3363	3475	5301	6328
40'	105	0	56	296	2330	387
EXPORT	8555	5638	6615	81310	95409	60176
20'	8249	5608	6503	51616	60885	43098
40'	153	15	56	14847	17262	8539
Stuffed	8164	5526	6186	60834	83745	49997
20'	7866	5502	6074	39624	54351	38055
40'	149	12	56	10605	14697	5971
Empty	391	112	429	20476	11664	10179
20'	383	106	429	11992	6534	5043
40'	4	3	0	4242	2565	2568
TRANSHIP-MENT	0	0	0	0	0	0
20'	0	0	0	0	0	0
40'	0	0	0	0	0	0
Stuffed	0	0	0	0	0	0
20'	0	0	0	0	0	0
40'	0	0	0	0	0	0
Empty	0	0	0	0	0	0
20'	0	0	0	0	0	0
40'	0	0	0	0	0	0
TOTAL	16117	9806	11894	149479	165412	107182
20'	15593	9776	11670	92993	101306	71840
40'	262	15	112	28243	32053	17671
Stuffed	11187	7662	7990	124936	143787	89901
20'	10881	7638	7878	77526	89471	60469
40'	153	12	56	23705	27158	14716
Empty	4930	2144	3904	24543	21625	17281
20'	4712	2138	3792	15467	11835	11371
40'	109	3	56	4538	4895	2955

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

** includes reefers

Table 2.1.5
(Contd...)

**Container Traffic Handled at Major Ports - Type-Wise - 2020-21,
2021-22 & 2022-23**

(Nos.)

Type	SMP KOLKATA**			KAMARAJAR**		
	2020-21	2021-22	2022-23	2020-21	2021-22	2022-23
1	2	3	4	5	6	7
IMPORT	273407	299525	309731	103659	225604	246174
20'	135639	142801	138659	36523	72374	88184
40'	68884	78362	85536	33568	76615	78995
Stuffed	248963	266018	267794	86241	176501	192259
20'	121157	125182	122122	34967	66319	73231
40'	63903	70418	72836	25637	55091	59514
Empty	24444	33507	41937	17418	49103	53915
20'	14482	17619	16537	1556	6055	14953
40'	4981	7944	12700	7931	21524	19481
EXPORT	264471	270258	290831	70026	233782	243061
20'	131447	117758	119567	27134	69848	84419
40'	66512	76250	85632	21446	81967	79321
Stuffed	216067	225114	239160	60175	218451	225198
20'	115253	104708	106160	18813	62919	71842
40'	50407	60203	66500	20681	77766	76678
Empty	48404	45144	51671	9851	15331	17863
20'	16194	13050	13407	8321	6929	12577
40'	16105	16047	19132	765	4201	2643
TRANSHIP-MENT	0	0	973	86596	87534	167952
20'	0	0	643	9348	14006	35776
40'	0	0	165	38624	36764	66088
Stuffed	0	0	973	19312	18382	33044
20'	0	0	643	7108	12914	16590
40'	0	0	165	6102	2734	8227
Empty	0	0	0	5020	2248	27872
20'	0	0	0	2240	1092	19186
40'	0	0	0	1390	578	4343
TOTAL	537878	569783	601535	198017	480016	550151
20'	267086	260559	258869	73005	156228	208379
40'	135396	154612	171333	62506	161894	170886
Stuffed	465030	491132	507927	165728	413334	450501
20'	236410	229890	228925	60888	142152	161663
40'	114310	130621	139501	52420	135591	144419
Empty	72848	78651	93608	32289	66682	99650
20'	30676	30669	29944	12117	14076	46716
40'	21086	23991	31832	10086	26303	26467

** includes reefers

Table 2.1.5
(Contd...)

Container Traffic Handled at Major Ports - Type-Wise - 2020-21, 2021-22 & 2022-23

(Nos.)

Type	ALL PORTS		
	2020-21	2021-22	2022-23
1	2	3	4
IMPORT	4710765	5454959	5689617
20'	2066455	2154358	2241809
40'	1322155	1650301	1723904
Stuffed	3680045	4103931	4470778
20'	1603413	1685354	1797602
40'	1038316	1209289	1336588
Empty	1030720	1351028	1218839
20'	463042	469004	444207
40'	283839	441012	387316
EXPORT	4543148	5331475	5360361
20'	2018190	2118110	2068421
40'	1262479	1606683	1645970
Stuffed	3634034	4434048	4280192
20'	1562000	1700636	1612526
40'	1036017	1366706	1333833
Empty	909114	897427	1080169
20'	456190	417474	455895
40'	226462	239977	312137
TRANSHIP-MENT	356098	435068	374951
20'	184318	247610	192015
40'	85890	93729	91468
Stuffed	281715	351482	265430
20'	137749	206182	148144
40'	71983	72650	58643
Empty	74383	83586	109521
20'	46569	41428	43871
40'	13907	21079	32825
TOTAL	9610011	11221501	11424929
20'	4268963	4520077	4502245
40'	2670524	3350712	3461342
Stuffed	7595794	8889460	9016400
20'	3303162	3592171	3558272
40'	2146316	2648645	2729064
Empty	2014217	2332041	2408529
20'	965801	927906	943973
40'	524208	702068	732278

Source: Basic Port Statistics of India and Major Ports

Table 2.1.6

Overseas Cargo of Principal Commodities Unloaded by Country - 2022-23

(In '000 Tonnes)

Country of Origin/Commodities	SMP(KDS)	SMP(HDC)	PPA	VPA	KPL	ChPA	V.O.C	CoPA	NMPA	MoPA	JNPA	MbPA	DPA	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL-CRUDE														
Angola			1978			907							1170	4055
Algeria			131									133		264
Argentina														0
Australia														0
Benin														0
Brunei		0	77	79										156
CIS (Ex Russia)														0
Denmark														0
Egypt			439										7818	8257
Indonesia													536	536
Iran														0
Iraq			6348	2156		4382		1915	2998			1367	11236	30402
Ivory Cost														0
Kuwait			562	49				423	801			832	4093	6758
Liberia														0
Libya								359				543		902
Malaysia		99	343	354		94						170	89	1149
Mauritius														0
Netherland								285					293	578
Nigeria			2700	1181					253				806	4940
Oman								874						874
Pakistan														0
Qatar			127	122				133	72					453
Russia			4399	1802				3483	1594			1407	2552	15236
Saudi Arabia			3728	829				3190	5350			5566	2740	21402
Singapore			667											667
South Korea			1044	97					97				192	1430
South Africa													1449	1449
Sudan														0
Syria		21												21
Tunisia												90		90
Turkey			415	754				744				133	140	2186
U.A.E.			5443	1250				3119	2463			3473	2860	18607
Ukraine														0
Venezuela														0
Yemen														0
Other Countries			4034	816		4112		1681	432			4355	8261	23693
Total	0	120	32434	9487	0	9495	0	16207	14060	0	0	18068	44235	144107

Table 2.1.6

Overseas Cargo of Principal Commodities Unloaded by Country - 2022-23

(In '000 Tonnes)

Country of Origin/Commodities	SMP(KDS)	SMP(HDC)	PPA	VPA	KPL	ChPA	V.O.C	CoPA	NMPA	MoPA	JNPA	MbPA	DPA	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL-PRODUCT														
Bahrain														0
Belgium												15		15
Bangladesh														0
Canada														0
China						27		11				27		65
France														0
Hong Kong														0
Indonesia		14			23									37
Iran											16	42		58
Iraq				5										5
Japan			22									29		51
North Korea														0
South Korea											88	553		641
Kuwait		110										36	265	411
Malaysia			67	30		51		15			6	1		170
Maldives											29			29
Netherland												4		4
Norway														0
Oman		15	10					25			117	30		197
Pakistan														0
Qatar		255		40							57	117		469
Russia													11	11
Saudi Arabia											5	198	20	223
Singapore		5	37	76	38	42		26			109	137		470
Taiwan											3	88		91
Thailand				20								2		22
Turkey													5	5
Tunisia														0
U.A.E.				118			116	63	8	0	138	105	514	1062
USA		499						138			104	75		816
Other Countries	73		52		10	158	0				3	115		411
Total	73	898	188	289	71	278	116	279	8	0	674	1575	815	5263

Table 2.1.6

Overseas Cargo of Principal Commodities Unloaded by Country - 2022-23

(In '000 Tonnes)

Country of Origin/Commodities	SMP(KDS)	SMP(HDC)	PPA	VPA	KPL	ChPA	V.O.C	CoPA	NMPA	MoPA	JNPA	MbPA	DPA	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FERTILIZER														
Albania														0
Australia				23										23
Baharain														0
Belarus														0
Brazil														0
Canada		55		132			35					57	15	294
China	72		272	274					51			151	137	957
CIS (Ex. Russia)														0
Egypt														0
Estonia														0
Ethopia														0
Germany									22					22
Indonesia			72	33									55	160
Iran														0
Israel				48			201		35			66	439	788
Jordan							23		20	38		10	986	1077
Kuwait														0
Latvia														0
Lithuania														0
Malaysia														0
Mexico														0
Morocco			56										731	787
Netherland														0
Oman				30					36	22		21	175	285
Qatar				80						18			47	145
Romania														0
Russia			33	464			291		188				1012	1989
Saudi Arabia			33	25			69		86					214
Singapore														0
South Korea			27	31										58
Soviet Union														0
Sri Lanka														0
Thailand														0
Tunisia													42	42
Turkey														0
U.A.E.			59	76									92	227
Ukraine														0
United Kingdom				9										9
USA		0					47		49					96
Other Countries	359	6	1	210					47	15			78	715
Total	431	61	553	1434	0	0	666	0	535	94	0	304	3810	7887

Table 2.1.6

Overseas Cargo of Principal Commodities Unloaded by Country - 2022-23

(In '000 Tonnes)

Country of Origin/Commodities	SMP(KDS)	SMP(HDC)	PPA	VPA	KPL	ChPA	V.O.C	CoPA	NMPA	MoPA	JNPA	MbPA	DPA	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FRM-DRY														
Algeria				579		47								626
Antigua														0
Australia														0
Bahrain														0
Brunoi														0
Belgium														0
Chile								43						43
China														0
Denmark														0
Egypt		54		35		22	46		56			107	139	459
Iran														0
Israel														0
Italy														0
Japan														0
Jordan		117	2859	58			16							3049
Kuwait			91											91
Libya		135												135
Morocco			917											917
Nauru														0
Qatar		10	381	60										451
Russia			52											52
Saudi Arabia														0
Senegal				43										43
South Africa				10										10
Sri Lanka														0
Sudan														0
Syria														0
Togo				515			245	128						888
Tunisia														0
U.A.E.			190	23										213
USA							42							42
Ukraine														0
Vietnam														0
Yemen														0
Other Countries	10	76	464	83		211	390						5	1239
Total	10	391	4954	1405	0	280	739	171	56	0	0	107	144	8258

Table 2.1.6

Overseas Cargo of Principal Commodities Unloaded by Country - 2022-23

(In '000 Tonnes)

Country of Origin/Commodities	SMP(KDS)	SMP(HDC)	PPA	VPA	KPL	ChPA	V.O.C	CoPA	NMPA	MoPA	JNPA	MbPA	DPA	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FRM-LIQUID														
Australia														0
Bahrain			23	62					5				27	117
Bangladesh			97											97
Belgium														0
Egypt			66								16			82
Germany														0
Indonesia		34	83	38			27		23		11			215
Iran														0
Israel														0
Japan			252	238										490
Jordan		30		17				19	9		53		1134	1262
Kuwait														0
Malaysia		6	30	7					5					47
Mauritius														0
Morocco		43	200						38	212	129			623
Oman		8	28				30		5				85	156
Qatar		12	115	15			14		29				55	240
Russia														0
Saudi Arabia		7	264	100			21		4				214	610
Senegal		212											686	898
Singapore														0
South Africa			11	30									45	86
South Korea		16	215	312										544
Tunisia				26										26
USA				7										7
U.A.E.			19	139										158
U.K				13										13
Ukraine				2										2
Other Countries		12	491	128			39	200	39		28		6	943
Total	0	379	1893	1132	0	0	131	219	157	212	237	0	2252	6614

Table 2.1.6

Overseas Cargo of Principal Commodities Unloaded by Country - 2022-23

(In '000 Tonnes)

Country of Origin/Commodities	SMP(KDS)	SMP(HDC)	PPA	VPA	KPL	ChPA	V.O.C	CoPA	NMPA	MoPA	JNPA	MbPA	DPA	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FOOD GRAIN														
Argentina														0
Australia												13		13
Canada														0
China														0
Dubai														0
Indonesia														0
Japan														0
Jordan														0
Myanmar														0
Russia														0
Taiwan														0
Vietnam														0
Others	0			0		0	0	0						0
Total	0	0	0	0	0	0	0	0	0	0	0	13	0	13
IRON & STEEL														
Australia				26										26
Bangladesh														0
Brazil														0
Belgium												70		70
China	57	21				63						205	144	491
CIS(Ex. Russia)														0
Egypt														0
France														0
Germany												0		0
Indonesia		41					3					69	30	142
Iran			342											342
Italy								0	0					0
Japan	0	19				135						366	57	578
North Korea														0
South Africa												7		7
South Korea		9										1199		1208
Malaysia		50												50
Myanmar														0
Netherland														0
Panama														0
Romania														0
Russia												212	7	219
Singapore														0
Saudi Arabia				20										20
Spain														0
Sri Lanka	0													0
Swedon				32										32
Taiwan												2		2
Thailand						45								45
Turkey														0
U.A.E.												2	3	6
Ukraine														0
UK														0
USA												0		123
Vietnam		20			123			31	6			116	59	233
Other Countries	3		15	118		740						33		909
Total	60	161	357	318	0	983	3	31	6	0	0	2280	301	4501

Table 2.1.6

Overseas Cargo of Principal Commodities Unloaded by Country - 2022-23

(In '000 Tonnes)

Country of Origin/Commodities	SMP(KDS)	SMP(HDC)	PPA	VPA	KPL	ChPA	V.O.C	CoPA	NMPA	MoPA	JNPA	MbPA	DPA	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
EDIBLE OIL														
Algeria														0
Argentina		921				80			20		228		841	2090
Brazil		33							16		126		2019	2194
China														0
CIS (Ex Russia)														0
Egypt														0
France														0
Indonesia		590	61			571	199		426	13	414		627	2901
Japan														0
Macedonia														0
Maldives														0
Malaysia		562	8			142	177		201		214	2	805	2111
Qatar														0
Romania		30				48			43		12			134
Russia							12		74		156		14	256
Singapore														0
Saudi Arabia														0
Spain														0
Thailand		196				66	45		45		69		32	453
Turkey									23		9			32
Ukraine		28						10	10		76			125
UAE														0
USA											7		167	174
Other Countries	446	65	0			308	20	9	99		6		317	1270
Total	446	2425	69	0	0	1215	452	19	957	13	1319	2	4822	11740
COAL (COKING)														
Australia		8524	5627	3529	1136				165	1733				20715
Canada		65	176	78						1532				1851
China														0
CIS (Ex Russia)														0
Colombia									44					44
Egypt			50	72										122
Indonesia		287	1554	143						37				2021
Iran														0
Japan														0
Mozambique		466	793	278										1537
New Zealand			75							35				110
Poland														0
Romania														0
Russia		64	435	283	128				244	3226				4381
Singapore			74	45										119
South Africa				49						13				62
Ukraine														0
USA		1678	385	430	580				155	752				3982
Venezuela														0
Vietnam														0
Other Countries	1432		85		6							0	354	1877
Total	1432	11085	9254	4908	1851	0	0	0	608	7328	0	0	354	36820

Table 2.1.6

Overseas Cargo of Principal Commodities Unloaded by Country - 2022-23

(In '000 Tonnes)

Country of Origin/Commodities	SMP(KDS)	SMP(HDC)	PPA	VPA	KPL	ChPA	V.O.C	CoPA	NMPA	MoPA	JNPA	MbPA	DPA	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
COAL (THERMAL)														0
Australia				43			210			117			5012	5382
China													766	766
Colombia														0
Indonesia					4136		5846			1383		6270	7661	25296
Malaysia														0
Phillipines														0
Russia										766			1604	2370
Singapore													415	415
South Africa							0			87			1393	1481
Spain														0
Thailand														0
USA					799								2297	3096
UAE														0
Ukraine														0
Other Countries	0		133	393	2339					200			1664	4729
Total	0	0	133	437	7273	0	6056	0	0	2554	0	6270	20813	43535
IRON ORE / PELLETS														
Australia			0											0
Bahrain														0
Brazil			247											247
China														0
Finland														0
Oman														0
Qatar														0
Russia														0
Senegal														0
South Africa							25							25
Ukraine														0
Vietnam														0
Other Countries	0											0	199	199
Total	0	0	247	0	0	0	25	0	0	0	0	0	199	471

Table 2.1.6

Overseas Cargo of Principal Commodities Unloaded by Country - 2022-23

(In '000 Tonnes)

Country of Origin/Commodities	SMP(KDS)	SMP(HDC)	PPA	VPA	KPL	ChPA	V.O.C	CoPA	NMPA	MoPA	JNPA	MbPA	DPA	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
OTHER ORES														
Australia				370										370
Argentina		152												152
Brazil		6		75										81
Canada														0
Chile														0
China			75											75
Egypt														0
Gabon		814		661										1475
Ghana														0
Indonesia														0
Iran														0
Japan				22										22
Malaysia														0
Maxico														0
Mozambique				20										20
Oman														0
Peru														0
Phillipines														0
Saudi Arabia														0
South Africa		1078	99	1408										2585
Thailand														0
Turkey														0
UAE														0
USA			74	25										99
Other Countries	18			166										183
Total	18	2050	248	2746	0	0	0	0	0	0	0	0	0	5062

Table 2.1.7

Overseas Cargo of Principal Commodities Loaded by Country (Port-wise) - 2022-23

(In '000 Tonnes)

Country of Origin/Commodities	SMP (KDS)	SMP(HDC)	PPA	VPA	KPL	ChPA	V.O.C	CoPA	NMPA	MoP	JNPA	MbPA	DPA	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL-PRODUCT														
Australia													488	488
Argentina														0
Bangladesh		4							155				110	269
Belgium			20											20
China						365		130	22			140	90	746
Egypt														0
France									40					40
Guyana														0
Hongkong														0
Indonesia														0
Japan		22				37		93				383	97	632
Jakarta														0
Jordan													83	83
Kenya									124				127	252
North Korea														0
South Korea				27								101		128
Liberia														0
Malaysia				287				187	152			64		689
Maldives														0
Malta														0
Mauritius														0
Namibia														0
Netherland									651				444	1095
Oman									110				95	205
Pakistan													39	39
Qatar									126					126
Saudi Arabia		30											583	613
Singapore		63	267	267		56		342				646	406	2048
Sri Lanka			154			40							39	233
Slovenia									67					67
Switzerland														0
Taiwan														0
Tanzania									75				70	145
U.A.E.		16	87	58				1083	0	3	55		362	1662
Ukraine														0
USA			37					107					145	289
Vietnam														0
Yemen														0
Yugoslavia														0
Other Countries	1		173	26	0	604		236	1862			11	4152	7065
Total	1	135	738	665	0	1102	0	646	4916	0	3	1400	7331	16936

**Table 2.1.7
(Contd.)**

Overseas Cargo of Principal Commodities Loaded by Country (Port-wise) - 2022-23

(In '000 Tonnes)

Country of Origin/Commodities	SMP (KDS)	SMP(HDC)	PPT	VPT	KPL	ChPT	V.O.C	CoPT	NMPT	MoPT	JNPT	MbPT	DPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FOOD GRAIN														
Australia														0
Bangladesh	413			54		32							734	1233
Canada														0
China	0													0
Ethopia														0
France														0
Indonesia				33									734	767
Iran														0
Italy														0
Japan														0
Kuwait														0
Malaysia		6										6	28	40
Maldives							0							0
Mozambique														0
Oman														0
Saudi Arabia														0
Singapore														0
Somalia													175	175
Sudan														0
Taiwan														0
Thailand				28										28.115
U.A.E.														0
Vietnam				326			35							360.955
Other Countries				353	0								3954	4306.994
Total	413	6	0	793	0	32	35	0	0	0	0	6	5626	6912

**Table 2.1.7
Contd.**

Overseas Cargo of Principal Commodities Loaded by Country (Port-wise) - 2022-23

(In '000 Tonnes)

Country of Origin/Commodities	SMP (KDS)	SMP(HDC)	PPT	VPT	KPL	ChPT	V.O.C	CoPT	NMPT	MoPT	JNPT	MbPT	DPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
IRON & STEEL														
Algeria														0
Bangladesh	118	18	4	3		1						0		143
Belgium			57	37								211		304
Brazil														0
China			51											51
CIS														0
Indonesia			115											115
Iran														0
Italy			77	135	230					81				523
Japan			35									243		278
Kenya														0
Kuwait												9		9
Malaysia														0
Maldives							38	0	0					38
Myanmar														0
Oman				5								47		53
Philippines														0
Qatar		4		4										8
Saudi Arabia			20	30								15		64
South Korea					0									0
Singapore														0
Spain		21	26		0							144		191
Sri Lanka														0
Sudan														0
Taiwan					0									0
Tanzania														0
Thailand			19											19
U.A.E.		32	10	41	0							126		209
United Kingdom				35								53		89
USA				10	68					0		224	3	306
Vietnam			691		0									691
Other Countries	1	4	267	100	0		3	0				257	223	855
Total	118	78	1372	400	298	1	41	0	0	81	0	1329	226	3946

**Table 2.1.7
Contd.**

Overseas Cargo of Principal Commodities Loaded by Country (Port-wise) - 2022-23

(In '000 Tonnes)

Country of Origin/Commodities	SMP (KDS)	SMP(HDC)	PPT	VPT	KPL	ChPT	V.O.C	CoPT	NMPT	MoPT	JNPT	MbPT	DPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
IRON ORE														
Bangladesh														0
China		689	7598	1431					595	1623				11935
Itlay									54					54
Japan														0
Kuwait														0
Malaysia		28	137	76										242
South Korea														0
Netherlands									114					114
Pakistan														0
Phillipines														0
Romania														0
Saudi Arabia														0
U.A.E.														0
United Kingdom			61											61
Vietnam				15										15
Other Countries	0	2	570	397					546	61				1575
Total	0	719	8365	1919	0	0	0	0	1309	1684	0	0	0	13996

**Table 2.1.7
(Contd.)**

Overseas Cargo of Principal Commodities Loaded by Country (Port-wise) - 2022-23

(In '000 Tonnes)

Country of Origin/Commodities	SMP (KDS)	SMP(HDC)	PPT	VPT	KPL	ChPT	V.O.C	CoPT	NMPT	MoPT	JNPT	MbPT	DPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
OTHER ORES														
Banagladesh														0
Balgaria														0
Belgium														0
Brazil														0
China			18											18
France														0
Indonesia				76										76
Iran														0
Iraq														0
Italy				8										8
Japan				23										23
Kuwait														0
Poland														0
Singapore				30										30
Spain														0
South Korea			14											14
Maldives														0
Malaysia														0
Mexico														0
Netherlands														0
Nigeria														0
Qatar				14										14
Saudi Arabia														0
South Africa														0
Tanzania														0
Thailand														0
USA				50		300	7							357
Other Countries			99	93		493							159	844
Total	0	0	131	295	0	793	7	0	0	0	0	0	159	1385

Table 2.1.8**Tare Weight of Containers handled At Major Ports (000 Tonnes)**

Port	Container Cargo			Tare Weight			Container Traffic		
	2020-21	2021-22	2022-23	2020-21	2021-22	2022-23	2020-21	2021-22	2022-23
1	2	3	4	5	6	7	8	9	10
Deendayal	7262	7642	8169	1017	978	403	8279	8620	8572
Mumbai	215	201	191	39	37	34	254	238	225
J.L.Nehru	47766	57015	63475	9979	12078	12719	57746	69092	76194
Mormugao	257	152	22	50	32	6	307	184	28
N.Mangalore	1972	1989	2025	319	321	343	2291	2310	2369
Cochin	7902	8531	8333	1649	1747	1653	9550	10278	9986
V.O.Chidambana	13503	14355	13222	1520	1550	1456	15023	15905	14678
Chennai	22575	26047	23876	4193	4878	4501	26768	30925	28377
Visakhapatnam	7912	7441	7288	267	1142	1172	8178	8583	8460
Paradip	243	163	166	36	21	26	279	184	192
SMP (Haldia Dock Complex)	2609	3005	1839	318	348	228	2927	3353	2067
SMP (Kolkata Dock System)*	7109	7245	7333	1128	1196	1187	8237	8441	8520
Kamarajar	3485	7979	8782	386	1290	1836	3871	9269	10618
Total	122809	141764	144722	20901	25617	25563	143710	167382	170285

* Tare weight includes transshipment

Tareweight is taken for 20' ctr is 2.5 Mt and for 40' and above is 3.5 Mt.

Tare weight for Reefer is taken for 20' ctr is 3.5 Mt and for 40' and above is 4.5 Mt.

Source: BPS & Major Ports

Table 2.1.9 Reefer Container Traffic at Major Ports - 2021-22 & 2022-23

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
SMP (Kolkata Dock System)	2021-22	723	0	8234	0	683	0	8353	0
	2022-23	383	0	8179	0	383	0	7914	0
SMP (Haldia Dock Complex)	2021-22	0	-	0	-	1	-	35	-
	2022-23	0	-	4	-	0	-	62	-
Paradip	2021-22	-	-	-	-	-	-	-	-
	2022-23	-	-	-	-	-	-	-	-
Visakhapatnam	2021-22	59	0	17012	0	567	0	13058	0
	2022-23	59	0	13923	0	221	0	7621	0
Chennai	2021-22	1524	0	12103	0	1147	0	4916	0
	2022-23	1501	0	10589	0	1308	0	4771	0
V.O. Chidambaranar	2021-22	171	0	3563	0	78	0	323	0
	2022-23	176	0	4017	0	13	0	272	0
Cochin	2021-22	360	0	10937	0	507	0	22495	0
	2022-23	342	0	12100	0	398	0	22632	0
New Mangalore	2021-22	19	0	2436	0	10	0	2651	0
	2022-23	18	0	3443	0	1	0	2149	0
Mormugao	2021-22	4	0	411	0	3	0	287	0
	2022-23	0	0	88	0	0	0	15	0
J.L.Nehru	2021-22	4566	0	91069	0	4476	0	102469	0
	2022-23	4881	0	159461	0	5036	0	74480	0
Mumbai	2021-22	-	-	-	-	-	-	-	-
	2022-23	-	-	-	-	-	-	-	-
Deendayal	2021-22	-	-	-	-	-	-	-	-
	2022-23	-	-	-	-	-	-	-	-
Kamarajar	2021-22	446	-	7503	-	434	-	8157	-
	2022-23	2	-	6709	-	10	-	5485	-
Total	2021-22	7872	0	153268	0	7906	0	162744	0
	2022-23	7362	0	218513	0	7370	0	125401	0

Source: Major Ports

Table 2.1.10

Level of Containerisation in General Cargo at various Major Ports - 2021-22 & 2022-23

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
DEENDAYAL									
2021-22	6577	2043	8620	13138	5500	18638	50.1	37.1	46.2
2022-23	6324	2247	8572	15032	5857	20889	42.1	38.4	41.0
MUMBAI									
2021-22	4	234	238	1795	2566	4361	0.2	9.1	5.5
2022-23	2	223	225	1752	3619	5371	0.1	6.2	4.2
J. L. NEHRU									
2021-22	34292	34800	69092	34292	34800	69092	100.0	100.0	100.0
2022-23	36061	40133	76194	36063	40135	76199	100.0	100.0	100.0
MORMUGAO									
2021-22	70	114	184	2003	114	2117	3.5	100.0	8.7
2022-23	15	13	28	949	13	962	1.6	100.0	2.9
NEW MANGALORE									
2021-22	900	1410	2310	1290	1612	2902	69.8	87.5	79.6
2022-23	919	1450	2369	1173	1628	2801	78.3	89.1	84.6
COCHIN									
2021-22	3816	6462	10278	3887	6502	10390	98.2	99.4	98.9
2022-23	3712	6274	9986	3764	6359	10123	98.6	98.7	98.6
V.O. CHIDAMBARANAR									
2021-22	8292	7613	15905	9524	7789	17313	87.1	97.7	91.9
2022-23	7283	7395	14678	8800	7700	16500	82.8	96.0	89.0
CHENNAI									
2021-22	14738	16187	30925	15945	17214	33159	92.4	94.0	93.3
2022-23	13356	15021	28377	13947	16251	30198	95.8	92.4	94.0
VISAKHAPATNAM									
2021-22	4983	3600	8583	7218	4025	11243	69.0	89.4	76.3
2022-23	5095	3365	8460	6183	4129	10312	82.4	81.5	82.0
PARADIP									
2021-22	121	63	184	3273	102	3375	3.7	62.1	5.5
2022-23	137	55	192	2091	445	2536	6.6	12.4	7.6
SMP (KOLKATA DOCK SYSTEM)									
2021-22	4162	4279	8441	5300	4780	10080	78.5	89.5	83.7
2022-23	4259	4261	8520	4900	4976	9876	86.9	85.6	86.3
SMP (HALDIA DOCK COMPLEX)									
2021-22	1972	1381	3353	2843	1548	4391	69.4	89.2	76.4
2022-23	1185	882	2067	1269	1191	2460	93.4	74.1	84.0
KAMARAJAR									
2021-22	4702	4567	9269	6847	4719	11566	68.7	96.8	80.1
2022-23	5268	5349	10617	7417	5432	12849	71.0	98.5	82.6
TOTAL									
2021-22	84629	82753	167382	107357	91271	198628	78.8	90.7	84.3
2022-23	83616	86668	170284	103340	97735	201075	80.9	88.7	84.7

* Includes tare weight also

Source: Major Ports

Table 2.1.11

Inland Container Movement At Major Ports - 2021-22 & 2022-23

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
SMP (Kolkata Dock System)	2021-22	7842	...	5770	...	20943	...	49887	...	84442	0
	2022-23	0	...	0	...	0	...	0	...	0	0
SMP(Haldia Dock Complex)	2021-22	18398	329098	76961	1641246	18667	390792	51336	990459	165362	3351595
	2022-23	6314	167321	53862	1018113	3488	41798	43518	839566	107182	2066798
Paradip	2021-22			5638	109021			4168	54592	9806	163613
	2022-23			6615	122102			5279	44022	11894	166124
Visakhapatnam	2021-22	41305	923417	208553	4059343	33015	637018	228921	2963025	511794	8582802
	2022-23	41398	850755	219075	4243888	37166	753791	224480	2611795	522119	8460229
Chennai	2021-22	28789		439564		45768		432830		946951	0
	2022-23	31885		358671		29282	0	415374		835212	0
V.O. Chidambaranar	2021-22	0	0	0	0	0	0	0	-	0	0
	2022-23	0	0	364353	7283417	0	0	369921	7394721	734274	14678138
New Mangalore	2021-22	798	1968	75848	898371	1147	2558	74691	1407004	152484	2309901
	2022-23	0	0	81988	918797	0	0	83527	1449899	165515	2368696
Cochin	2021-22	2994	64774	284556	2503908	3168	22410	284871	5193846	575589	7784938
	2022-23	1110	29511	289439	2746114	1284	3257	294974	5334365	586807	8113247
Mormugao	2021-22	0	0	7229	70415	0	0	6826	113026	14055	183441
	2022-23	0	0	1064	15540	0	0	1812	13224	2876	28764
J.L.Nehru(a)	2021-22	460456	7372304	2271478	26191707	471887	7050940	2208962	26944512	5412783	67559464
	2022-23	421694	7054250	1744167	24555665	461817	8334428	2263844	29818462	4891522	69762805
Mumbai	2021-22	0	0	6	0	0	0	2835	0	2841	0
	2022-23	0	0	106	0	0	0	20758	0	20864	0
Deendayal	2021-22	1863	20789	247232	2017476	3335	90751	239557	6486298	491987	8615314
	2022-23	3074	83458	226116	6233095	583	5982	260311	2233724	490084	8556259
Kamarajar	2021-22	6206	167601	145390	926106	6431	173661	142252	2745464	300279	4012832
	2022-23	10216	197169	232080	4479144	11512	222182	233963	4515486	487771	9413981
Total	2021-22	568651	8879951	3768225	38417593	604361	8368130	3727136	46898225	8668373	102563900
	2022-23	515691	8382464	3577536	51615875	545132	9361438	4217761	54255264	8856120	123615041

Source: Major Ports

Table 2.1.12

Inland Container Depot Movement at Major Ports - 2021-22 & 2022-23

(TEUs)

PORT	2021-22				2022-23			
	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
SMP(Kolkata Dock System)	0	0	0	569783	0	0	0	601535
SMP(Haldia Dock Complex)	9752	8229	17981	165412	6314	3758	10072	107182
Paradip	-	-	-	9806	-	-	-	11894
Visakhapatnam	249858	261936	511794	511794	260473	261646	522119	522119
Chennai	72641	38713	111354	1602319	44235	42259	86494	1470305
V.O. Chidambaran	0	0	0	781458	0	0	0	734274
Cochin	2994	3168	6162	735577	1110	1284	2394	695230
New Mangalore	0	0	0	152484	0	0	0	165515
Mormugao	0	0	0	14055	0	0	0	2876
J.L.Nehru	385104	476476	861580	5684559	451769	470704	922473	6050912
Mumbai	0	0	0	22251	0	0	0	20864
Deendayal	1309938	90751	1400689	491987	3074	583	3657	492072
Kamarajar	24403	14365	38768	480016	18956	32042	50998	550151
All Ports	2054690	893638	2948328	11221501	785931	812276	1598207	11424929

(a) ICD movement figures shown are for JNPCT and NSICT only.
Source: Major Ports

Table 2.1.13

Selected Physical Performance Indicators - By Type of Vessels - 2021-22 & 2022-23

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						
2021-22	2241	3012	7693	2224	5807	20977
2022-23	2570	3702	7776	2203	6303	22554
2. Av. pre-berthing waiting time(Hours)						
2021-22	8.58	14.41	28.62	25.86	7.67	18.82
2022-23	11.08	18.10	29.58	29.26	7.15	19.29
3. Av. turn round time (Hours)*						
2021-22	52.02	69.25	46.20	105.69	34.90	53.34
2022-23	51.80	68.85	45.42	98.73	28.50	51.48
4. Percentage of idle time at berth to time at working berth (Hours)						
2021-22	15.3	29.8	27.5	32.6	21.2	26.4
2022-23	19.6	26.1	28.8	38.6	19.3	26.9
5. Av. Output per ship berth day (tonnes)						
2021-22	30300	19533	25272	3938	29194	21002
2022-23	31439	20118	26227	4586	30232	22730

*:- As per revised TRT definition, From Pilot Boarding to De-Boarding.

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

Source: Major Ports

Table 2.1.14

Selected Physical Performance Indicators - Major Port-wise - 2021-22 & 2022-23

Item	SMP (Kolkata Dock)*	SMP(Haldia Dock Complex)	Paradip	Visakhapatnam	Kamarajar^	Chennai	V.O. Chidambaranar	Cochin	New Mangalore	Mormugao**	J.L. Nehru	Mumbai#	Deen dayal	All Ports
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1. No. of vessels sailed														
2021-22	989	1958	2007	1939	863	1444	1000	1194	1293	431	2837	1855	3167	20977
2022-23	1089	1967	2381	2011	927	1616	1223	1186	1293	384	3273	1850	3354	22554
2. Av. pre-berthing waiting time (In hours)														
2021-22	14.75	31.10	2.44	0.90	0.85	0.07	11.63	11.23	28.54	18.85	21.58	0.95	56.42	18.52
2022-23	11.05	27.45	1.68	1.78	1.06	0.00	30.52	6.04	31.63	16.15	26.32	0.50	54.11	19.29
3. Av. turn round time (In hours)#														
2021-22	82.80	51.19	53.16	73.83	46.38	53.19	48.54	45.87	47.99	63.94	28.04	57.99	59.99	53.34
2022-23	48.88	51.52	46.27	73.19	45.26	48.08	46.89	39.45	44.90	54.59	28.27	50.40	77.58	51.48
4. Percentage of Idle time at berth to time at working berth (In hours)														
2021-22	43.9	39.9	10.9	34.8	4.7	29.5	18.9	28.4	25.0	18.0	13.5	48.4	21.6	26.4
2022-23	49.8	37.9	9.1	34.0	12.6	30.1	15.1	30.6	25.0	25.5	14.0	58.0	20.9	26.9
5. Av. Output per ship berth day (tonnes)														
2021-22	7424	14589	33635	16069	24292	20152	19994	31513	19627	18872	29418	20053	18975	21002
2022-23	10159	15450	38007	16646	29350	20249	18224	33311	22310	24755	27634	24006	20369	22730

*Excludes Lighterage Operation. **Excludes Stream Vessels except for TRT & No. of Vessels. #Includes stream Vessels

^Performance relates to Coal Handling except for No. of vessels.

As per revised definition of TRT, from Pilot boarding to Pilot de-boarding

Source: Major Ports

Table 2.1.15
Number of Vessels Sailed by Type of Vessels 2021-22 & 2022-23

Port	Type of Vessel											
	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (Conv.)		Liquid Bulk		All Types	
	2021-22	2022-23	2021-22	2022-23	2021-22	2022-23	2021-22	2022-23	2021-22	2022-23	2020-21	2022-23
1	2	3	4	5	6	7	8	9	10	11	12	13
Kolkata Dock System	682	695	142	154	0	0	54	93	111	147	989	1089
Haldia Dock Complex	264	204	77	46	104	101	539	687	974	929	1958	1967
Paradip	43	40	135	114	794	1016	510	695	525	516	2007	2381
Visakhapatnam	274	345	164	122	309	292	577	655	615	597	1939	2011
Kamarajar	153	186	130	119	306	342	9	23	265	257	863	927
Chennai	706	689	265	355	0	0	67	92	406	480	1444	1616
V.O. Chidambaranar	415	535	109	158	161	207	162	157	153	166	1000	1223
Cochin	615	609	28	30	96	73	8	5	447	469	1194	1186
New Mangalore	167	183	124	76	164	172	68	71	770	791	1293	1293
Mormugao	27	23	92	54	167	150	63	60	82	97	431	384
J.L.Nehru	2103	2436	66	31	52	78	0	0	616	728	2837	3273
Mumbai	0	0	431	511	0	0	327	367	1097	972	1855	1850
Deendayal	358	358	461	433	88	139	628	797	1632	1627	3167	3354
All Ports	5807	6303	2224	2203	2241	2570	3012	3702	7693	7776	20977	22554

Source: Major Ports

Table 2.1.16

Average Pre-berthing Detention By Type of Vessels - 2021-22 & 2022-23

(In Hours)

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2021-22	2022-23	2021-22	2022-23	2021-22	2022-23	2021-22	2022-23	2021-22	2022-23	2021-22	2022-23
1	2	3	4	5	6	7	8	9	10	11	12	13
SMP Kolkata Dock System	15.62	10.66	12.01	9.93	-	-	0.21	0.00	19.98	21.08	14.75	11.05
SMP Haldia Dock Comple	14.57	8.32	35.13	23.44	19.63	25.08	14.66	21.30	36.00	36.66	31.10	27.45
Paradip	1.79	0.55	2.04	1.40	1.10	1.25	5.54	2.79	1.62	1.18	2.44	1.68
Visakhapatnam	0.66	1.53	0.82	2.40	0.83	1.10	0.91	2.35	2.35	1.50	0.90	1.78
Kamarajar	0.27	0.16	0.68	0.57	1.09	1.65	1.22	0.20	0.97	1.23	0.85	1.06
Chennai	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.00	0.09	0.00	0.07	0.00
V.O.Chidambaranar	5.08	19.90	18.87	67.95	12.99	36.00	20.10	38.09	13.76	15.12	11.63	30.52
Cochin	7.39	3.87	6.00	5.57	17.31	7.03	37.12	1.75	15.06	8.78	11.23	6.04
New Mangalore	0.01	7.93	6.03	6.18	17.63	13.45	4.75	12.20	42.43	45.26	28.54	31.63
Mormugao	2.59	21.20	28.10	13.69	26.37	18.39	4.07	15.65	8.68	13.15	18.85	16.15
J.L.Nehru	6.22	4.87	20.08	3.72	16.87	27.59	0.00	0.00	74.59	98.91	21.58	26.32
Mumbai	0.00	0.00	0.22	0.06	0.00	0.00	0.00	0.00	1.51	0.92	0.95	0.50
Deendayal	27.92	24.00	98.96	113.34	43.20	61.92	44.53	51.57	56.03	45.76	56.42	54.21
All Ports	7.67	7.15	25.86	29.26	8.58	11.08	14.41	18.10	28.62	29.58	18.82	19.29

Source: Major Ports

Table 2.1.17

Average Turn Round Time - By Type Of Vessels - 2021-22 & 2022-23

(In Hours)

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2021-22	2022-23	2021-22	2022-23	2021-22	2022-23	2021-22	2022-23	2021-22	2022-23	2021-22	2022-23
1	2	3	4	5	6	7	8	9	10	11	12	13
SMP Kolkata Dock System	83.37	47.40	119.16	92.56	0.00	0.00	9.97	3.08	68.18	39.08	82.80	48.88
SMP Haldia Dock Complex	40.54	34.58	118.05	89.68	65.78	70.08	52.72	57.21	61.82	47.13	51.19	51.52
Paradip	14.86	18.40	115.37	85.02	42.34	45.10	66.76	46.30	43.44	42.12	53.16	46.27
Visakhapatnam	30.04	22.63	209.49	170.76	58.21	68.80	100.24	111.58	40.23	42.50	73.83	73.19
Kamarajar	25.76	23.76	41.56	38.04	68.15	66.78	94.89	83.46	24.58	32.09	46.38	45.26
Chennai	34.62	33.60	97.70	51.56	0.00	0.00	92.49	136.53	49.93	49.32	53.19	48.08
V.O.Chidambaranar	22.55	18.21	64.76	67.83	72.57	77.89	83.10	82.97	46.54	46.57	48.54	46.89
Cochin	27.89	23.41	64.19	54.15	79.03	65.17	177.31	148.15	59.99	54.19	45.87	39.45
New Mangalore	42.60	26.50	44.23	37.28	40.44	39.70	103.29	89.08	46.48	47.06	47.99	44.90
Mormugao	34.23	37.01	114.41	94.31	68.07	63.89	35.00	36.33	30.94	33.54	63.94	54.59
J.L.Nehru	24.55	24.20	39.58	12.50	60.56	65.73	0.00	0.00	35.95	38.57	28.04	28.27
Mumbai	0.00	0.00	105.39	93.77	0.00	0.00	21.95	13.82	50.12	41.42	57.99	50.40
Deendayal	32.66	41.52	119.11	178.27	113.89	127.92	78.69	85.57	39.18	50.79	59.99	77.72
All Ports	34.90	28.50	105.69	98.73	52.02	51.80	69.25	68.85	46.20	45.42	53.34	51.48

Source: Major Ports

Table 2.1.18

Percentage Of Idle Time At Working Berth To Time At Working Berth - By Type Of Vessels - 2021-22 & 2022-23

(In Hours)

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2021-22	2022-23	2021-22	2022-23	2021-22	2022-23	2021-22	2022-23	2021-22	2022-23	2021-22	2022-23
1	2	3	4	5	6	7	8	9	10	11	12	13
SMP Kolkata Dock System	40.7	34.6	68.5	81.9	-	-	31.3	29.7	7.9	81.1	43.9	49.8
SMP Haldia Dock Complex	63.7	73.3	26.4	38.5	16.0	16.2	50.6	35.8	36.9	39.5	39.9	37.9
Paradip	0.0	0.0	2.9	4.8	13.9	11.5	20.2	13.5	0.0	0.0	10.9	9.1
Visakhapatnam	11.0	16.2	38.9	34.3	43.7	50.1	34.3	32.5	33.6	32.6	34.8	34.0
Kamarajar	13.4	0.0	7.9	0.0	0.0	25.3	0.0	0.0	11.0	0.0	4.7	12.6
Chennai	21.6	22.4	43.0	55.9	-	-	32.1	28.0	23.5	23.0	29.5	30.1
V.O.Chidambaranar	0.0	0.2	46.0	33.3	11.9	10.0	30.5	22.4	17.9	14.0	18.9	15.1
Cochin	21.0	28.0	41.9	46.7	20.5	27.9	45.7	58.2	34.3	30.7	28.4	30.6
New Mangalore	10.8	11.9	53.3	73.0	25.8	21.8	31.1	36.4	23.3	23.0	25.0	25.0
Mormugao	20.6	156.4	13.8	17.2	12.5	13.2	13.4	17.8	100.4	93.0	18.0	25.5
J.L.Nehru	9.0	9.3	16.6	83.2	8.5	7.6	-	-	25.2	25.4	13.5	14.0
Mumbai	-	-	61.6	69.0	-	-	59.8	71.6	35.7	44.0	48.0	58.0
Deendayal	13.6	13.6	17.6	20.5	12.4	12.4	20.5	16.3	29.9	29.6	21.6	20.9
All Ports	21.2	19.3	32.6	38.6	15.3	19.6	29.8	26.1	57.5	28.8	26.4	26.9

Source: Major Ports

Table 2.1.19

Average Output Per Ship Berthday - By Type Of Vessels -2021-22 & 2022-23

(Tonnes)

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2021-22	2022-23	2021-22	2022-23	2021-22	2022-23	2021-22	2022-23	2021-22	2022-23	2021-22	2022-23
1	2	3	4	5	6	7	8	9	10	11	12	13
SMP Kolkata Dock System	7595	9157	693	1434	0	0	130636	378026	4921	9472	7424	10159
SMP Haldia Dock Complex	14903	15306	3751	3478	15389	15307	22441	20298	12455	12460	14589	15450
Paradip	9911	8143	5452	6893	47921	48142	23515	21914	642	642	33635	38007
Visakhapatnam	29493	32638	2691	2802	40669	37078	11886	11406	22261	23696	16069	16646
Kamarajar	61165	62955	10707	12529	25466	32918	18346	20371	14437	15032	24292	29350
Chennai	38121	37214	3005	3829	0	0	12591	7937	19560	20018	20152	20249
V.O.Chidambaranar	42211	38188	42211	38188	22328	20587	15303	17739	5456	5539	19994	18224
Cochin	29566	32058	2625	3620	7246	16750	7975	10535	45660	40409	31513	33311
New Mangalore	9088	13922	3566	4445	32507	29736	13936	13589	22770	24495	19627	22310
Mormugao	4866	1733	5017	5354	24409	31721	65522	52309	13098	14035	18872	24755
J.L.Nehru	40656	38506	1293	742	807420	807420	0	0	8785	7322	29418	27634
Mumbai	0	0	3800	4380	0	0	93207	148765	23999	31114	20053	24006
Deendayal	21376	17306	4355	5107	0	0	15858	22434	35540	35175	18975	20369
All Ports	29194	30232	3938	4586	30300	31439	19533	20118	25272	26227	21002	22730

Source: Major Ports

Table 2.1.20**Commodity-wise Average Pre-Berthing Detention - 2021-22& 2022-23**

(In Hours)

Port	Year	SMP (Kolkata Dock System)	SMP (Haldia Dock Complex)	Paradip	Visakhak hapatna m	Kamarajar	Chennai	V.O.Chida- mbanar	Cochin	New Manglore	Mormuga o	J L Nehru	Mumbai	Deendayal	
Commodity															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL(Crude)	2022-23	-	57.39	1.40	0.88	-	-	-	5.40	54.20	-	-	1.54	41.64	
	2021-22	-	20.40	1.88	0.83	-	1.10	-	18.42	22.80	-	-	2.23	25.32	
POL(Product)	2022-23	19.95	40.04	1.08	1.59	0.73	-	4.13	10.85	36.11	6.42	94.69	0.81	44.23	
	2021-22	19.45	41.42	1.56	0.56	0.90	0.77	9.70	16.26	48.40	6.88	4.17	1.47	49.58	
LPG	2022-23	0.00	51.70	0.00	1.45	1.76	-	2.65	5.74	83.38	-	204.66	0.41	164.31	
	2021-22	0.00	38.60	0.00	0.60	13.71	-	17.80	3.84	76.40	-	101.09	0.88	27.32	
Iron Ore	2022-23	0.00	24.34	1.38	0.68	-	-	2.64	-	24.00	26.80	-	-	30.34	
	2021-22	0.00	20.37	1.06	0.72	-	-	4.21	-	11.10	150.24	-	-	29.07	
Coking Coal	2022-23	0.00	19.70	3.71	3.08	0.71	-	15.17	-	13.09	15.61	-	-	61.48	
	2021-22	0.00	15.44	6.87	1.02	0.71	-	13.50	-	20.60	60.28	-	-	10.66	
Thermal Coal	2022-23	0.00	0.00	1.32	0.92	1.71	-	36.86	0.00	0.00	25.39	-	-	45.62	
	2021-22	0.00	6.96	0.90	0.52	1.15	-	11.00	0.00	0.00	70.34	-	-	30.38	
Fertilisers & FRM	2022-23	0.00	26.38	0.90	2.84	-	-	17.34	39.06	9.00	2.34	-	0.00	52.91	
	2021-22	0.00	17.77	1.50	0.65	-	1.52	16.00	34.58	4.30	14.35	-	0.00	17.10	
Other Dry Bulk	2022-23	5.64	22.65	2.01	2.14	0.00	-	43.32	4.95	7.00	34.83	27.60	0.00	60.37	
	2021-22	5.64	13.89	3.80	0.99	1.25	1.40	20.70	17.35	7.40	49.93	16.89	0.00	54.65	
Other Lqd. Bulk	2022-23	19.99	28.20	2.40	1.64	0.56	-	19.05	7.62	22.39	24.96	84.96	0.64	31.23	
	2021-22	19.99	66.98	0.82	1.26	0.96	0.69	14.30	8.65	27.60	6.35	58.48	2.00	60.02	
General Cargo	2022-23	13.87	23.75	1.47	2.79	0.61	-	68.31	5.58	9.50	13.79	3.72	0.06	115.20	
	2021-22	39.80	35.13	0.44	3.00	0.46	1.75	42.20	6.45	36.90	87.22	20.07	0.43	98.95	
Containers	2022-23	1.78	8.32	0.55	1.53	0.16	0.00	19.90	3.87	7.93	21.20	4.87	0.00	24.00	
	2021-22	15.62	14.57	1.79	0.66	0.27	0.00	5.08	7.39	0.01	2.59	6.22	0.00	27.92	
Total	2022-23	11.05	27.45	1.68	1.78	1.06	0.00	30.52	6.04	31.63	16.15	36.30	0.50	54.21	
	2021-22	14.75	31.10	2.44	0.90	0.85	0.07	11.63	11.23	28.54	18.85	21.58	0.95	56.42	

Source: Major Ports

Table 2.1.21 Commodity-wise Average Turn Round Time 2021-22 & 2022-23

(In hours)

Port --->	Year	Kolkata Dock System\$	Haldia Dock Complex	Paradip	Visakhakhapatnam	Kamarajar	Chennai	V.O.Chidambaranar	Cochin	New Manglore	Mormugao	J.L.Nehru	Mumbai	Deendayal
Commodity														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL (Crude)	2022-23	-	59.33	43.40	42.15	-	43.01	0.00	45.99	43.09	-	-	50.62	47.12
	2021-22	-	39.79	49.24	39.72	-	43.10	0.00	49.41	44.90	-	-	49.01	77.60
POL(Product)	2022-23	49.07	39.23	41.41	48.28	31.82	50.15	36.00	47.87	36.68	36.34	41.92	53.87	54.72
	2021-22	49.07	38.66	40.88	42.21	35.28	51.98	53.00	48.15	37.90	34.51	39.21	74.39	41.98
LPG	2022-23	-	41.49	-	52.34	34.83	-	31.45	32.66	72.32	-	50.95	75.51	54.74
	2021-22	-	42.27	-	50.40	35.85	-	31.20	31.01	74.30	-	54.44	75.51	125.96
Iron Ore	2022-23	0.00	68.55	49.55	74.83	0.00	-	20.16	0.00	75.84	240.00	-	-	53.92
	2021-22	0.00	51.43	53.84	60.05	0.00	-	31.40	0.00	66.40	40.32	-	-	95.12
Coking Coal	2022-23	0.00	58.77	58.52	73.23	51.53	-	88.77	0.00	40.82	79.96	-	-	68.26
	2021-22	0.00	58.48	67.33	61.53	57.18	-	89.00	0.00	44.20	101.05	-	-	136.34
Thermal Coal	2022-23	0.00	0.00	40.44	81.23	68.49	-	87.16	0.00	0.00	79.20	-	-	74.93
	2021-22	0.00	42.10	36.23	65.74	69.44	-	80.90	0.00	0.00	78.40	-	-	109.97
Fertilisers & FRM	2022-23	0.00	67.41	62.65	143.05	0.00	61.93	94.46	150.24	91.13	157.02	-	56.96	105.20
	2021-22	245.64	61.08	61.54	139.78	0.00	52.84	87.00	58.23	111.06	112.61	-	458.60	68.53
Other Dry Bulk	2022-23	245.64	58.16	39.51	111.72	83.48	153.44	69.07	59.14	57.50	118.34	70.32	37.74	105.62
	2021-22	68.81	49.77	51.48	97.37	36.00	107.05	73.40	56.91	44.50	79.68	60.56	203.54	161.10
Other Lqd. Bulk	2022-23	48.65	48.97	52.80	34.64	28.47	52.44	50.78	38.18	43.30	28.75	33.34	28.31	49.97
	2021-22	48.65	40.69	57.10	33.42	26.88	51.53	46.80	30.05	39.20	27.21	32.33	31.46	108.85
General Cargo	2022-23	115.47	88.85	85.05	173.11	37.92	51.56	67.34	48.58	36.75	94.31	16.03	94.85	181.20
	2021-22	179.67	119.05	115.37	417.80	41.54	208.61	128.80	6.46	166.80	261.57	39.57	105.64	226.27
Containers	2022-23	47.40	11.68	18.40	22.63	23.76	33.60	18.21	23.41	26.50	37.01	24.20	0.00	41.52
	2021-22	83.37	40.54	14.86	30.04	25.76	34.62	22.55	27.89	42.60	34.23	24.55	0.00	32.66
Total	2022-23	48.88	51.52	46.27	73.19	45.26	48.08	46.89	45.87	44.90	54.59	28.27	50.40	77.72
	2021-22	82.80	51.19	53.16	73.83	46.38	53.19	48.54	45.87	47.99	63.94	28.04	57.99	59.99

TRT:- As per new definition from Pilot Boarding to De-boarding from 2019-20
Source: Major Ports

Table 2.1.22

Commodity-wise Average Non-Working Time at Berth - 2021-22& 2022-23

(In Hours)

Port --->	Year	SMP (Kolkata Dock System)	SMP (Haldia Dock Complex)	Paradip	Visakhapatnam	Kamarajar	Chennai	V.O.Chidambaranar	Cochin	New Mangalore	Mormugao	J.L.Nehru	Mumbai	Deendyal	
Commodity															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL(Crude)	2022-23	-	12.27	0.00	7.02	-	8.92	-	4.79	7.69	-	-	12.65	4.37	
	2021-22	-	10.92	0.00	8.28	-	9.79	-	11.01	8.00	-	-	11.54	11.13	
POL(Product)	2022-23	22.50	10.33	0.00	11.63	7.27	9.42	6.27	11.02	8.84	20.46	7.95	10.95	10.46	
	2021-22	22.50	10.24	0.00	10.65	0.21	9.18	8.30	11.10	8.90	16.31	7.04	13.61	5.49	
LPG	2022-23	-	10.32	-	10.41	7.90	-	5.65	1.65	7.79	-	6.19	13.14	9.19	
	2021-22	-	10.11	-	8.40	0.29	-	6.30	1.80	8.40	-	6.11	13.95	0.00	
Iron Ore	2022-23	0.00	19.29	1.90	21.06	...	-	6.00	-	8.82	-	-	-	8.07	
	2021-22	0.00	15.10	12.48	19.51	...	-	6.70	-	11.90	5.04	-	-	0.49	
Coking Coal	2022-23	0.00	9.97	3.22	16.62	6.35	-	17.97	-	6.68	6.23	-	-	7.18	
	2021-22	0.00	11.16	11.76	10.98	0.08	-	18.50	-	9.20	10.17	-	-	0.00	
Thermal Coal	2022-23	0.00	0.00	3.84	20.31	4.36	-	7.33	0.00	0.00	6.81	-	-	7.01	
	2021-22	0.00	14.16	6.72	16.17	0.07	-	7.70	0.00	14.40	8.10	-	-	0.02	
Fertilisers & FRM	2022-23	0.00	16.14	0.00	40.42	0.00	19.72	19.45	13.86	30.00	13.92	-	26.98	12.71	
	2021-22	0.00	21.53	0.00	41.19	0.00	14.35	22.00	106.67	25.10	15.09	-	59.47	0.37	
Other Dry Bulk	2022-23	56.76	11.96	2.48	27.12	7.30	31.54	10.63	13.89	12.00	9.34	4.43	13.85	10.47	
	2021-22	56.76	13.57	4.32	23.59	0.06	24.73	15.60	2.64	6.80	7.93	4.52	63.29	1.65	
Other Lqd. Bulk	2022-23	20.35	12.03	0.00	8.59	4.47	8.41	5.43	8.78	8.64	7.25	6.95	8.05	10.22	
	2021-22	20.35	10.40	0.00	9.17	0.21	8.93	6.60	0.83	8.00	8.17	6.63	8.50	1.87	
General Cargo	2022-23	44.02	22.78	3.58	42.89	6.86	17.96	16.19	14.06	11.55	13.60	4.49	35.86	21.04	
	2021-22	68.61	21.66	0.69	41.85	0.13	57.70	38.60	58.21	56.80	28.55	5.27	73.62	5.62	
Containers	2022-23	15.88	12.21	0.00	2.92	2.71	5.95	0.04	3.44	2.62	21.65	0.08	0.00	4.52	
	2021-22	15.88	12.94	4.44	2.80	0.14	5.95	0.00	2.85	4.00	5.67	1.74	0.00	4.32	
Total	2022-23	20.36	11.79	2.20	17.99	5.20	10.81	5.92	6.51	8.54	10.84	0.13	16.63	10.25	
	2021-22	20.36	12.32	4.56	18.45	0.12	11.83	7.50	6.25	9.20	11.25	3.35	21.00	5.28	

Source: Major Ports

Table 2.1.23

Commodity-wise Output per Ship Berth Day - 2021-22 & 2022-23

(In Tonnes)

Port	Year	SMP (Kolkata Dock System)	SMP (Haldia Dock Complex)	Paradip	Visakhapatnam	Kamarajar	Chennai	V.O.Chidambaranar	Cochin	New Mangalore	Mormugao	J.L.Nehru	Mumbai	Deendayal
Commodity	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL(Crude)	2022-23	-	10767	118123	70515	-	60456	-	96735	58582	-	0	52599	98116
	2021-22	-	15550	120533	77492	-	79078	-	141100	76898	-	0	73000	101488
POL(Product)	2022-23	2318	12700	13298	10086	15362	6631	5636	11558	21496	6574	5623	8009	20130
	2021-22	4506	18287	13327	13555	13898	8197	5817	19455	25697	12881	10533	9207	14304
LPG	2022-23	-	13772	-	11282	19967	-	4362	54159	6362	0	7586	10357	12084
	2021-22	-	17411	-	14515	20867	-	5372	64566	6948	0	8966	7702	8866
Iron Ore	2022-23	0	13305	36579	23595	-	-	14045	0	18885	0	-	0	23147
	2021-22	0	24266	34303	39434	-	-	26882	0	25537	4744	-	0	15937
Coking Coal	2022-23	0	15621	20432	14887	27302	-	15031	0	33785	31617	-	0	22631
	2021-22	0	20176	23997	23430	28122	-	20791	0	33581	20978	-	0	3272
Thermal Coal	2022-23	0	0	47614	18644	26181	-	17283	0	-	27054	-	0	21853
	2021-22	0	33231	63161	28508	25170	-	20257	0	-	24510	-	0	18691
Fertilisers & FRM	2022-23	0	8053	13673	5771	0	6615	9601	17843	7191	3119	-	2376	10169
	2021-22	0	13961	13758	8253	0	9863	13494	17451	8267	5125	-	2098	11392
Other Dry Bulk	2022-23	724	14462	23244	9418	20298	6166	18845	11789	4846	25519	6652	2454	12045
	2021-22	951	21432	26598	13045	18181	12984	18592	6386	12462	17085	6991	5290	12430
Other Liquid Bulk	2022-23	2933	5574	3302	8118	2705	3908	4794	5608	5204	8873	5556	6687	8271
	2021-22	5085	7935	3943	11059	2512	4922	5368	7771	7184	12696	7736	9280	23608
General Cargo	2022-23	615	2547	6015	2085	12538	2462	1386	2468	17625	4573	405	6351	4051
	2021-22	1037	3752	4969	2690	10685	3016	1791	2625	16799	6713	1293	3757	3753
Containers	2022-23	9157	15306	8143	32638	62955	37214	38188	32058	13922	1733	38506	0	17306
	2021-22	7595	14903	9911	29493	61165	38121	42211	29566	9088	4866	40657	0	21376
Total	2022-23	10159	15450	38007	16646	29350	20249	18224	33311	22310	24755	27634	24006	20369
	2021-22	7424	14589	33635	16069	24292	20152	19994	31513	19627	18872	29418	18872	18975

Source: Major Ports

Table 2.1.24**Average Pre-berthing Detention on Port & Non Port Account -Major Port-wise -2021-22 & 2022-23**

(In hours)

Port	2021-22			2022-23		
	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	14.75	1.10	13.65	11.05	0.68	10.37
Haldia Dock Complex	2.71	0.13	2.58	27.45	1.55	25.91
Paradip	26.41	2.41	24.00	1.68	1.68	0.00
Visakhapatnam	0.90	0.90	0.00	1.78	1.78	0.00
Kamarajar	0.85	0.00	0.85	1.06	0.00	1.06
Chennai	0.00	0.00	0.00	0.00	0.00	0.00
V.O. Chidambaranar	11.63	4.10	7.54	1.27	0.42	0.86
Cochin	11.23	0.00	11.23	6.04	0.00	6.04
New Mangalore	28.54	12.18	16.36	31.63	7.99	23.64
Mormugao	18.85	2.69	16.16	16.15	1.81	14.33
J.L.Nehru	21.58	8.07	13.51	26.32	10.40	15.92
Mumbai	0.95	0.35	0.60	0.50	0.00	0.50
Deendayal	56.42	22.98	33.43	54.21	36.74	17.47
All Ports	18.96	6.14	12.81	19.60	8.84	10.76

Source: Major Ports

Tabel 2.1.25

Reason-wise, Major Port-wise Average Pre-berthing Detention - 2022-23

Sl. No.	Category Of Ships	No. Of Ships	Reason-wise average pre-berthing delay (in hrs.)								Total
			Non-avail. of Berth	Non-avail. of Tug/Craft	Non-avail. Of Pilot	Navigation Restriction	Draft Restriction	Shippers/ Ships/ Agents Option	Lack of cargo	Others	
1	2	3	4	5	6	7	8	9	10	11	12
SMP(Kolkata Dock System)											
1.	Container	695	0.50	-	0.04	-	-	0.34	7.96	1.81	10.66
2.	Break Bulk	154	0.31	-	0.85	-	-	1.43	4.91	2.43	9.93
3.	Dry Bulk(C)	93	-	-	-	-	-	0.00	-	0.00	0.00
4.	Liquid Bulk	147	0.82	-	0.12	-	-	1.26	7.08	11.80	21.08
	Total	1089	0.47	-	0.16	-	-	0.59	6.73	0.63	8.59
SMP (Haldia Dock Complex)											
1.	Container	204	0.40	-	-	-	-	1.32	0.74	5.86	8.32
2.	Break Bulk	46	0.29	-	0.80	-	-	14.90	1.21	6.24	23.44
3.	Dry Bulk(M)	101	0.21	-	-	-	-	11.54	0.03	13.30	25.08
4.	Dry Bulk(C)	687	1.43	-	0.15	-	-	4.77	0.50	14.46	21.30
5.	Liquid Bulk	929	0.64	-	0.09	-	-	25.66	0.70	9.57	36.66
	Total	1967	0.86	-	0.11	-	-	14.86	0.61	11.01	27.45
Paradip											
1.	Container	40	-	-	-	-	-	-	-	0.55	0.55
2.	Break Bulk	114	0.37	-	-	-	-	-	-	1.02	1.40
3.	Dry Bulk(M)	1016	0.21	-	-	-	-	-	-	1.04	1.25
4.	Dry Bulk (C)	695	1.84	-	-	-	-	-	-	0.95	2.79
5.	Liquid Bulk	516	0.07	-	-	-	-	-	-	1.11	1.18
	Total	2381	0.66	-	-	-	-	-	-	1.02	1.68
Visakhapatnam											
1.	Container	345	-	-	-	-	-	-	-	1.53	1.53
2.	Break Bulk	122	-	-	-	-	-	-	-	2.40	2.40
3.	Dry Bulk(M)	292	-	-	-	-	-	-	-	1.10	1.10
4.	Dry Bulk(C)	655	-	-	-	-	-	-	-	2.35	2.35
5.	Liquid Bulk	597	-	-	-	-	-	-	-	1.50	1.50
	Total	2011	-	-	-	-	-	-	-	1.78	1.78

(M) Mechanised. (C) Conventional.

**Table 2.1.25
(Contd...)**

Reason-wise, Major Port-wise Average Pre-berthing Detention - 2022-23

Sl. No.	Category Of Ships	No. Of Ships	Reason-wise average pre-berthing delay (in hrs.)								Total
			Non-avail. of Berth	Non-avail. of Tug/Craft	Non-avail. Of Pilot	Navigation Restriction	Draft Restriction	Shippers/ Ships/ Agents Option	Lack Of Cargo	Others	
1	2	3	4	5	6	7	8	9	10	11	12
Kamarajar*											
1.	Container	186	-	-	0.01	-	-	0.15	-	-	0.16
2.	Break Bulk	119	-	-	0.00	-	-	0.57	-	-	0.57
3.	Dry Bulk(M)	342	-	-	0.00	-	-	1.65	-	-	1.65
4.	Dry Bulk(C)	23	-	-	-	-	-	0.20	-	-	0.20
5.	Liquid Bulk	257	-	-	0.00	-	-	1.22	-	-	1.23
	Total	927	-	-	0.00	-	-	1.06	-	-	1.06
Chennai											
1.	Container	689	-	-	-	0.65	-	-	-	-	0.65
2.	Break Bulk	355	-	-	-	0.86	-	-	-	-	0.86
3.	Dry Bulk(M)	0	-	-	-	-	-	-	-	-	-
4.	Dry Bulk(C)	92	-	-	-	1.37	-	-	-	-	1.37
5.	Liquid Bulk	480	-	-	-	0.88	-	-	-	-	0.88
	Total	1616	-	-	-	0.81	-	-	-	-	0.81
V.O. Chidambaranar											
1.	Container	535	0.02	-	-	-	-	19.88	-	-	19.90
2.	Break Bulk	158	15.06	-	-	-	0.00	-	-	52.90	67.96
3.	Dry Bulk(M)	207	25.47	-	-	-	0.32	-	-	10.22	36.00
4.	Dry Bulk(C)	157	23.14	-	-	-	0.03	0.00	-	13.01	36.18
5.	Liquid Bulk	166	3.21	-	0.00	-	0.00	0.00	-	11.92	15.12
	Total	1223	9.92	-	0.00	0.00	0.06	13.60	-	11.85	35.43
Cochin											
1.	Container	609	-	-	-	-	-	3.65	-	0.22	3.87
2.	Break Bulk	30	-	-	-	-	-	3.64	-	1.94	5.57
3.	Dry Bulk(M)	73	-	-	-	-	-	7.03	-	0.00	7.03
4.	Dry Bulk(C)	5	-	-	-	-	-	1.75	-	-	1.75
5.	Liquid Bulk	469	-	-	-	-	-	8.78	-	0.00	8.78
	Total	1186	-	-	-	-	-	5.88	-	0.16	6.04

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

**Table 2.1.25
(Contd...)**

Reason-wise, Major Port-wise Average Pre-berthing Detention - 2022-23

Sl. No.	Category Of Ships	No. Of Ships	Reason-wise average pre-berthing delay (in hrs.)								Total
			Non-avail. of Berth	Non-avail. of Tug/Craft	Non-avail. Of Pilot	Navigation Restriction	Draft Restriction	Shippers/ Ships/ Agents Option	Lack Of Cargo	Others	
1	2	3	4	5	6	7	8	9	10	11	12
New Mangalore											
1.	Container	183	5.43	-	-	-	-	0.67	-	1.83	7.93
2.	Break Bulk	76	0.00	-	-	-	-	4.37	-	1.82	6.18
3.	Dry Bulk(M)	172	9.33	-	-	-	-	2.87	-	1.25	13.45
4.	Dry Bulk(C)	71	8.08	-	-	-	-	1.20	-	2.92	12.20
5.	Liquid Bulk	791	9.06	-	-	-	-	35.74	-	0.46	45.26
	Total	1293	7.99	-	-	-	-	22.67	-	0.97	31.63
Mormugao											
1.	Container	23	0.00	-	-	-	-	20.14	0.00	1.06	21.20
2.	Break Bulk	54	1.24	-	-	-	-	6.39	0.00	6.09	13.73
3.	Dry Bulk(M)	150	0.00	-	-	-	-	16.20	0.00	2.17	18.37
4.	Dry Bulk(C)	60	5.97	-	-	-	-	0.40	0.00	9.28	15.65
5.	Liquid Bulk	97	2.79	-	-	-	-	8.68	0.00	1.71	13.18
	Total	384	1.81	-	-	-	-	10.67	0.00	3.64	16.12
J.L.Nehru											
1.	Container	2436	0.33	0.00	0.01	0.04	0.01	1.52	-	2.76	4.68
2.	Break Bulk	31	-	0.00	0.05	0.04	0.90	0.00	-	1.73	2.72
3.	Dry Bulk(M)	78	-	0.00	0.03	0.00	0.04	-	-	21.01	21.08
4.	Dry Bulk(C)	0	-	-	-	-	-	-	-	-	0.00
5.	Liquid Bulk	728	-	0.02	0.03	0.03	0.01	0.00	-	67.29	67.39
	Total	3273	0.25	0.01	0.02	0.03	0.02	1.13	-	17.54	19.00
Mumbai											
1.	Container	0	-	-	-	-	-	-	-	-	0.00
2.	Break Bulk	511	-	-	-	-	-	-	-	0.06	0.06
3.	Dry Bulk(C)	367	-	-	-	-	-	-	-	7.75	7.75
4.	Liquid Bulk	972	0.00	-	-	-	-	-	-	1.54	1.54
	Total	1850	0.35	-	-	-	-	-	-	2.37	2.71
Deendayal											
1.	Container	358	5.28	-	-	-	-	18.72	-	-	24.00
2.	Break Bulk	433	88.78	-	-	-	-	24.56	-	-	113.34
3.	Dry Bulk(M)	139	44.64	-	-	-	-	45.84	-	-	90.48
4.	Dry Bulk(C)	806	43.91	-	-	-	-	7.09	-	-	51.00
5.	Liquid Bulk	1624	25.44	-	-	-	-	20.40	-	-	45.84
	Total	3360	36.68	-	-	-	-	18.62	-	-	55.30

(M) Mechanised. (C) Conventional

Source: Major Ports

Table 2.1.26

Average Berth Occupancy For Major-Ports-2011-12 to 2022-23

Port	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
1	2	3	4	5	6	7	8	9	10	11	12	13
DEENDAYAL	70.5	73.6	72.4	75.0	71.2	71.2	71.4	77.9	69.1	76.7	79.0	79.1
MUMBAI	57.2	50.8	42.1	46.8	46.5	37.6	36.8	36.8	32.2	26.9	36.2	36.0
J.L. NEHRU	71.4	58.3	57.8	65.7	67.0	66.7	70.4	59.3	50.3	49.1	51.1	58.5
MORMUGAO	79.2	46.7	30.0	33.5	54.1	64.3	55.0	57.5	84.8	49.4	53.1	41.8
NEW MANGALORE	48.6	49.1	45.1	36.7	38.5	40.4	44.2	41.0	40.3	38.2	39.8	40.0
COCHIN	74.9	71.9	58.1	52.0	53.6	45.0	38.8	43.0	58.5	39.7	38.2	30.0
V.O. CHIDAMBARANAR	84.5	83.0	74.0	69.1	70.1	73.3	61.2	44.9	47.7	44.0	49.7	53.4
CHENNAI	62.5	57.4	49.5	52.0	48.3	50.6	53.8	53.1	44.6	35.9	44.1	42.1
KAMARAJAR	33.1	40.0	67.0	73.3	75.9	69.6	54.8	54.8	45.7	41.1	53.8	57.5
VISAKHAPATNAM	73.6	68.7	61.9	66.2	52.0	54.4	53.8	54.4	57.1	59.0	63.8	63.1
PARADIP	63.6	66.4	80.0	79.3	66.8	66.5	71.5	68.4	73.4	73.9	65.5	60.4
SMP (HALDIA DOCK COMPLEX)	70.6	68.0	68.5	65.5	72.9	68.9	73.4	67.4	66.5	69.7	53.4	50.6
SMP (KOLKATA DOCK SYSTEM)	64.2	64.8	62.0	60.7	59.7	61.2	71.7	71.4	68.9	36.2	58.8	62.1

Source:-Major Ports

**Table
2.1.27**

Performance of Cargo Handling Equipments of Major Ports -

2020-21, 2021-22 & 2022-23

(In Percent)

Sl. No.	Name Of The Port	Equipment	2020-21		2021-22		2022-23	
			% Avail-ability	% Utili-sation	% Avail-ability	% Utili-sation	% Avail-ability	% Utili-sation
1	2	3	4	5	6	7	8	9
1.	Deendayal	Wharf Crane	30	30	97	22	97	22
		Mobile Crane	30	30	72	36	72	36
		Forklift Truck						
2.	Mumbai	Wharf Crane	92	23	-	-	-	-
		Mobile Crane	0	0	-	-	-	-
		Forklift Truck	65	1	-	-	-	-
3.	Mormugao	Wharf Crane	99	0	-	-	98	33
		Mobile Crane	77	4	-	-	86	10
		Forklift Truck	96	15	-	-	97	14
4.	N.Mangalore	Wharf Crane	90	37	64	30	97	14
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	97	3	94	3	97	1
5.	Cochin	Wharf Crane	-	-	-	-	-	-
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	95	48	95	48	95	45
6.	V.O. Chidambaranar	Wharf Crane	95	10	94	7	96	14
		Mobile Crane	99	23	99	33	99	43
		Forklift Truck	-	-	-	-	-	-
7.	Chennai	Wharf Crane	-	-	-	-	-	-
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	-	-	-	-	-	-
8.	Visakhapatanam	Wharf Crane	100	6	100	7	-	-
		Mobile Crane	-	-	95	2	-	-
		Forklift Truck	-	-	95	22	-	-
9.	Paradip	Wharf Crane	-	-	-	-	-	-
		Mobile Crane	64	64	60	60	58	58
		Forklift Truck	-	-	-	-	-	-
10.	SMP Kolkata Dock System	Wharf Crane	-	-	-	-	79	2
		Mobile Crane	-	-	-	-	0	0
		Forklift Truck	-	-	-	-	0	0
11.	SMP Haldia Dock Complex	Wharf Crane	-	-	-	-	-	-
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	-	-	-	-	-	-

Source: Major Ports

Table 2.1.28

Availability And Utilisation Of Container Handling Equipments - Major Ports - 2021-22 & 2022-23

PORT	Year	Quay Side Gantry Crane				R.T. Gantry Crane			
		No.	% availa- bility	% Utilisation of		No.	% Availa- bility	% Utilisation of	
				Available Hrs.	Possible Hrs.			Available Hrs.	Possible Hrs.
1	2	3	4	5	6	7	8	9	10
SMP (Kolkata Dock System)	2021-22	-	-	-	-	-	-	-	-
	2022-23	-	-	-	-	-	-	-	-
SMP (Haldia Dock Complex)	2021-22	-	-	-	-	4	94.9	15.5	14.7
	2022-23	-	-	-	-	4	95.4	11.1	10.6
Paradip	2021-22	-	-	-	-	-	90.2	7.9	7.1
	2022-23	-	-	-	-	2	96.5	10.0	9.6
Visakhapatnam	2021-22	6	91.8	49.8	45.7	10	94.7	64.0	60.6
	2022-23	6	93.8	32.4	30.4	10	96.5	49.9	48.1
Chennai	2021-22	7	97.0	43.0	40.0	22	97.0	44.0	43.0
	2022-23	7	90.3	42.2	38.1	20	95.0	75.0	71.0
V.O. Chidamabaranar	2021-22	3	84.0	34.0	29.0	8	89.0	31.0	26.0
	2022-23	3	84.0	27.0	23.0	8	90.0	27.0	24.0
Cochin	2021-22	4	92.6	69.1	64.0	15	95.2	67.7	64.4
	2022-23	4	91.7	63.8	58.6	15	95.5	64.5	61.6
New Mangalore	2021-22	-	-	-	-	-	-	-	-
	2022-23	-	-	-	-	-	-	-	-
Mormugao	2021-22	-	-	-	-	-	-	-	-
	2022-23	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2021-22	4	92.2	45.5	42.0	0	0.0	0.0	0.0
	2022-23	4	97.5	30.1	-	27	99.2	12.8	0.0
Mumbai	2021-22	-	-	-	-	-	-	-	-
	2022-23	-	-	-	-	-	-	-	-
Deendayal	2021-22	4	95.4	5.4	5.2	4	96.3	4.2	4.1
	2022-23	5	93.0	59.2	55.1	8	93.7	62.3	58.4

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

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

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

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

(a) Relates to JNPCTonly.

**Table 2.1.28
(Contd.)**

Availability And Utilisation Of Container Handling Equipments - Major Ports - 2021-22 & 2022-23

PORT	Year	Tractor				Top Lift Trucks			
		No.	% availa- bility	% Utilisation of		No.	% Availa- bility	% Utilisation of	
				Available Hrs.	Possible Hrs.			Available Hrs.	Possible Hrs.
1	2	3	4	5	6	7	8	9	10
SMP (Kolkata Dock System)	2021-22	1	-	-	-	1	-	-	-
	2022-23	-	-	-	-	-	-	-	-
SMP (Haldia Dock Complex)	2021-22	-	-	-	-	-	-	-	-
	2022-23	-	-	-	-	-	-	-	-
Paradip	2021-22	-	97.5	7.3	7.1	-	-	-	-
	2022-23	10	90.99	-	-	-	-	-	-
Visakhapatnam	2021-22	-	-	-	-	-	-	-	-
	2022-23	-	-	-	-	-	-	-	-
Chennai	2021-22	1	-	-	-	1	-	-	-
	2022-23	1	-	-	-	1	-	-	-
V.O. Chidamabaranar	2021-22	12	91.0	34.0	31.0	-	-	-	-
	2022-23	12	91.0	19.0	17.0	-	-	-	-
Cochin	2021-22	-	-	-	-	-	-	-	-
	2022-23	-	-	-	-	-	-	-	-
New Mangalore	2021-22	-	-	-	-	-	-	-	-
	2022-23	-	-	-	-	-	-	-	-
Mormugao	2021-22	-	-	-	-	-	-	-	-
	2022-23	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2021-22	10.0	-	-	-	-	-	-	-
	2022-23	10.0	-	-	-	-	-	-	-
Mumbai	2021-22	-	-	-	-	-	-	-	-
	2022-23	-	-	-	-	-	-	-	-
Deendayal	2021-22	30	-	-	-	-	-	-	-
	2022-23	30	-	-	-	-	-	-	-

(a) :Relates to JNPT only.

**Table 2.1.28
(Contd.)**

Availability And Utilisation Of Container Handling Equipments - Major Ports - 2021-22& 2022-23

PORT	Year	Rail Mounted G.Crane				Tata P&H Crane/Mobile Crane			
		No.	% availa- bility	% Utilisation of		No.	% Availa- bility	% Utilisation of	
				Available Hrs.	Possible Hrs.			Available Hrs.	Possible Hrs.
1	2	3	4	5	6	7	8	9	10
SMP (Kolkata Dock System)	2021-22	-	-	-	-	-	-	-	-
	2022-23	-	-	-	-	-	-	-	-
SMP (Haldia Dock Complex)	2021-22	2	93.3	55.3	51.5	-	-	-	-
	2022-23	2	93.8	36.9	34.6	-	-	-	-
Paradip	2021-22	-	89.87	7.9	7.1	-	-	-	-
	2022-23	-	-	-	-	-	-	-	-
Visakhapatnam	2021-22	-	-	-	-	-	-	-	-
	2022-23	-	-	-	-	-	-	-	-
Chennai	2021-22	-	-	-	-	-	-	-	-
	2022-23	-	-	-	-	-	-	-	-
V.O. Chidamabaranar	2021-22	-	-	-	-	-	-	-	-
	2022-23	-	-	-	-	-	-	-	-
Cochin	2021-22	-	-	-	-	-	-	-	-
	2022-23	-	-	-	-	-	-	-	-
New Mangalore	2021-22	-	-	-	-	-	-	-	-
	2022-23	-	-	-	-	-	-	-	-
Mormugao	2021-22	-	-	-	-	-	-	-	-
	2022-23	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2021-22	3	0.0	0.0	0.0	-	-	-	-
	2022-23	3	51.8	45.4	0.0	-	-	-	-
Mumbai	2021-22	-	-	-	-	-	-	-	-
	2022-23	-	-	-	-	-	-	-	-
Deendayal	2021-22	-	-	-	-	-	-	-	-
	2022-23	-	-	-	-	-	-	-	-

(a) :Relates to JNPCT.

**Table 2.1.28
(Contd.)**

Availability And Utilisation Of Container Handling Equipments - Major Ports - 2021-22 & 2022-23

PORT	Year	Fork Lift Truck/Front End Loader				Reach Truck/Steaker			
		No.	% availa- bility	% Utilisation of		No.	% Availa- bility	% Utilisation of	
				Available Hrs.	Possible Hrs.			Available Hrs.	Possible Hrs.
1	2	3	4	5	6	7	8	9	10
SMP (Kolkata Dock System)	2021-22	4	-	-	-	1	-	-	-
	2022-23	4	-	-	-	-	-	-	-
SMP (Haldia Dock Complex)	2021-22	-	-	-	-	-	-	-	-
	2022-23	-	-	-	-	-	-	-	-
Paradip	2021-22	-	-	-	-	-	89.25	7.96	7.1
	2022-23	5	97.62	28.71	28.03	2	97.5	15.84	15.44
Visakhapatnam	2021-22	2	-	-	-	6	79.8	82.1	65.5
	2022-23	-	-	-	-	6	89.0	55.2	49.1
Chennai	2021-22	4	-	-	-	1	-	-	-
	2022-23	3	-	-	-	1	-	-	-
V.O. Chidamabaranar	2021-22	-	-	-	-	2	97	9	8
	2022-23	-	-	-	-	2	97	9	8
Cochin	2021-22	3	96.7	53.8	52.0	2	95.4	34.5	32.9
	2022-23	3	98.3	26.0	26.6	2	96.9	73.5	71.2
New Mangalore	2021-22	-	-	-	-	5	96.7	33.3	32.2
	2022-23	-	-	-	-	5	96.7	33.3	32.2
Mormugao	2021-22	-	-	-	-	-	-	-	-
	2022-23	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2021-22	-	-	-	-	-	-	-	-
	2022-23	-	-	-	-	-	-	-	-
Mumbai	2021-22	-	-	-	-	-	-	-	-
	2022-23	-	-	-	-	-	-	-	-
Deendayal	2021-22	4	80.2	4.3	3.5	10	81.3	5.7	4.6
	2022-23	3	83.5	56.4	47.1	7	77.8	61.7	48.0

(a) Relates to JNPCT.

Source: Major Ports

Table 2.1.29

Container Handling Rate - Major Ports - 2021-22 & 2022-23

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
SMP (Kolkata Dock System)	2021-22	-	-	-	-	-	-	-	-	-
	2022-23	-	-	-	-	-	-	-	-	-
SMP (Haldia Dock Complex)	2021-22	-	-	-	4.4	10.2	18.3	25.9	3.3	21.1
	2022-23	-	-	-	63.1	5.5	14.8	88.9	1.6	14.4
Paradip	2021-22	-	-	-	-	-	-	40.0	20.9	21.9
	2022-23	-	-	-	-	-	-	-	16.7	16.7
Vishakhapatnam	2021-22	50.2	9.3	18.7	-	-	-	36.0	7.6	11.8
	2022-23	67.6	6.6	20.5	-	-	-	50.1	5.4	10.8
Chennai(CITPL)	2021-22	0.0	27.0	27.0	-	-	-	0.0	12.9	12.9
	2022-23	0.0	29.9	29.9	-	-	-	0.0	12.7	12.7
V.O. Chidamabaranar	2021-22	0.7	23.1	23.2	-	-	-	0.4	13.7	13.7
	2022-23	0.5	22.0	22.0	-	-	-	0.3	13.0	13.0
Cochin	2021-22	25.4	25.7	34.2	-	-	-	10.3	50.4	20.7
	2022-23	26.4	26.3	35.8	-	-	-	50.8	10.6	21.5
New Mangalore	2021-22	-	-	-	-	-	-	-	-	-
	2022-23	-	-	-	-	-	-	-	-	-
Mormugao	2021-22	-	-	-	-	-	-	-	-	-
	2022-23	-	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2021-22	24.9	16.2	21.6	35.6	5.4	8.3	72.0	2.7	14.2
	2022-23	28.1	15.0	20.9	-	-	-	87.2	1.8	13.7
Mumbai	2021-22	-	-	-	-	-	-	-	-	-
	2022-23	-	-	-	-	-	-	-	-	-
Deendayal	2021-22	272.3	0.0	272.3	-	-	-	110.1	0.0	110.1
	2022-23	20.1	21.0	21.0	-	-	-	11.4	11.4	11.4
Kamarajar	2021-22	35.0	25.0	25.1	-	-	-	42.0	14.0	14.0
	2022-23	21.0	20.1	21.0	-	-	-	11.4	11.4	11.4

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

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

(a): Relates to JNPCT.

Source: Major Ports

Table 2.1.30**Major Ports-Capacity and Utilisation -
2022-23**(In Million Tonnes/
Percentage)

Port	Capacity/Utilisation	Total
1	2	3
SMP Kolkata Dock System	Cap.	92.77
	% Util.	70.78
Paradip	Cap.	289.75
	% Util.	46.72
Visakhapatnam	Cap.	134.18
	% Util.	54.96
Kamarajar	Cap.	91.00
	% Util.	47.81
Chennai	Cap.	135.00
	% Util.	36.26
V.O.Chidambaranar	Cap.	111.46
	% Util.	34.13
Cochin	Cap.	78.60
	% Util.	44.85
New Mangalore	Cap.	108.96
	% Util.	38.01
Mormugao	Cap.	63.40
	% Util.	27.34
J.L.Nehru	Cap.	141.37
	% Util.	59.32
Mumbai	Cap.	84.00
	% Util.	75.72
Deendayal	Cap.	267.10
	% Util.	51.50
ALL PORTS	Cap.	1597.59
	% Util.	49.09

* Included SMP Haldia

Source : M/o Ports, Shipping & Waterways & Major Ports.

Table 2.1.31**Employment At Major Ports (As on 31st March, 2023)**

(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
DPA	73	49	802	429	0	0	0	48	0	1401
MbPA	248	22	1934	993	0	178	163	239	0	3777
JNPA	133	26	470	54	0	111	0	0	0	794
MoPA	81	71	617	151	0	237	51	0	0	1208
NMPA	53	65	204	37	0	8	3	0	0	370
CoPA	85	83	629	34	0	138	12	0	0	981
VOCPA	59	49	199	65	0	59	45	0	0	476
ChPA	108	87	676	775	444	643	107	314	0	3154
KPL*	49	9	33	1	0	0	0	0	0	92
VPA	102	102	510	435	0	826	111	0	0	2086
PPA	93	52	319	42	0	0	6	0	0	512
SMP (KDS)	299	72	832	196	19	89	0	168	0	1675
SMP (HDC)	135	47	45	42	80	308	105	0	0	762
Total	1518	734	7270	3254	543	2597	603	769	0	17288

* Class I, II executives included, Class III &

(a) Includes CHL, erstwhile MDLB

Source: Major Ports

Table 2.1.32**Employment At Dock Labour Boards of Major Ports (As on 31st March, 2023)**

(In Numbers)

Port	Number of DLB Employees					Number of Dock Workers				Grand Total
	Class I	Class II	Class III	Class IV	Total	Registered	Listed	Others	Total	
1	2	3	4	5	6	7	8	9	10	11
DPA	-	2	14	12	28	303	-	-	303	331
VPTA	1	0	27	14	42	-	-	448	448	490
SMP (KDS)	0	0	0	0	0	0	0	0	0	0
MbPA	BDLB merged with Mumbai Port Trust									
All DLBs	1	2	41	26	70	303	0	448	751	821

Source: Major Ports

Table 2.1.33

Mandays Employed and Mandays Lost at Major Ports : 2018 to 2023 (31st March)

Port	2018		2019		2020		2021		2022		2023	
	Mandays		Mandays		Mandays		Mandays		Mandays		Mandays	
	Employed(a)	Lost(b)	Employed(	Lost(b)	Employ	Lost(b)	Employ	Lost(b)	Employ	Lost(b)	Employed	Lost(b)
1	2	3	4	5	6	7	8	9	10	11	12	13
DPTA	944	0.0	893	0.0	854	0.0	738	0.0	877	0.0	632	0.0
MbPTA	3150	0.0	2752	0.0	2347	0.0	1972	0.0	1654	0.0	1379	0.0
MoPTA	631	0.0	589	0.0	554	0.0	514	0.0	468	0.0	441	0.0
NMPTA	295	0.0	267	0.0	228	0.0	176	0.0	152	0.0	135	0.0
CoPTA	629	0.0	575	1.0	509	1	455	0.0	405	0.0	358	0.0
VOCPA	320	0.0	283	0.0	252	0.0	225	0.0	198	0.8	174	0.0
KPL	38	0.0	39	0.0	37	0.0	36	0.0	1464	0.0	34	0.0
ChPTA	1583	0.0	1506	0.0	1443	0.0	1352	1.0	34	0.0	1151	0.0
VPTA	1283	0.0	1222	0.3	1150	0.0	1084	0.3	809	0.1	940	0.0
PPTA	368	0.0	332	0.0	277	0.0	233	0.1	204	0.0	187	0.0
SMP KDS	1132	0.0	910	0.0	922	0.0	828	0.0	722	0.0	722	0.0
SMP HDC	639	0.0	539	0.1	457	0.0	390	0.0	335	0.0	278	0.0
JNPTA	572	0.0	555	0.8	538	0.0	512	0.0	315	0.0	290	0.0
TOTAL	11581	0.0	10571	0.1	9567	0.7	8515	1.4	7637	0.8	7071	0.0

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

(b): Mandays lost per 1000 Mandays employed

Source: Major Port

**Table
2.1.34****Capital Employed at Major Ports - during 2022-23****(Rs. In crores)**

S.No.	Port	Capital Employed	Capital Employed
1	2	3	
1	DEENDAYAL	3393.89	5619.92
2	MUMBAI	-11.30	-86.22
3	J. L. NEHRU	4339.15	4210.44
4	MORMUGAO	529.18	564.08
5	NEW MANGALORE	836.38	755.23
6	COCHIN	102.56	41.78
7	V.O.CHIDAMABARNAR	1272.78	1293.97
8	CHENNAI	-306.09	271.22
9	KAMARAJAR	3229.28	3223.24
10	VISAKHAPATNAM	2316.30	2682.20
11	PARADIP	3100.31	3623.03
12	SMP HALDIA DOCK COMPLEX	5031.45	5218.16
13	SMP KOLKATA DOCK SYSTEM	630.36	694.62

Source: Major Ports

Table 2.1.35

Operating Expenditure Under Various Heads - Major Ports - 2021-22 & 2022-23

(Rs. In crores)

Port	Salaries & Wages		Stores		Office & Administrative Security & Medical		Depreciation		Operation & Maintenance		Other Exp		Total	
	2021-22	2022-23	2021-22	2022-23	2021-22	2022-23	2021-22	2022-23	2021-22	2022-23	2021-22	2022-23	2021-22	2022-23
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SMP Kolkata	262.17 (37.3)	256.57 (36.5)	0.88 (.13)	1.66 (.24)	114.91 (16.34)	120.63 (17.16)	23.54 (3.35)	27.92 (3.97)	241.54 (34.35)	278.87 (39.66)	13.10 (1.86)	17.50 (2.49)	656.14 (100.)	703.15 (100.)
SMP HDC	186.81 (15.47)	200.08 (16.57)	5.90 (.49)	6.14 (.51)	81.57 (6.75)	88.16 (7.3)	33.34 (2.76)	35.57 (2.95)	687.33 (56.91)	858.52 (71.09)	19.39 (1.61)	19.20 (1.59)	1014.34 (100.)	1207.67 (100.)
Paradip	84.95 (10.97)	78.61 (10.15)	55.36 (7.15)	48.04 (6.2)	74.31 (9.6)	86.75 (11.2)	61.49 (7.94)	41.86 (5.41)	291.67 (37.67)	426.04 (55.02)	114.63 (14.8)	93.02 (12.01)	682.41 (100.)	774.32 (100.)
Visakhapatnam	340.45 (42.66)	389.40 (48.8)	70.71 (8.86)	68.11 (8.53)	77.62 (9.73)	87.46 (10.96)	54.04 (6.77)	50.55 (6.33)	175.27 (21.96)	174.55 (21.87)	22.06 (2.76)	27.96 (3.5)	740.15 (100.)	798.03 (100.)
Chennai	408.50 (63.57)	415.51 (64.66)	15.76 (2.45)	22.14 (3.45)	69.19 (10.77)	81.34 (12.66)	21.70 (3.38)	17.65 (2.75)	33.45 (5.21)	79.34 (12.35)	23.12 (3.6)	26.61 (4.14)	571.72 (100.)	642.59 (100.)
V.O.Chidambaranar	71.31 (23.41)	70.18 (23.04)	12.37 (4.06)	14.81 (4.86)	34.20 (11.23)	39.84 (13.08)	34.26 (11.25)	39.94 (13.11)	32.70 (10.74)	46.70 (15.33)	61.55 (20.21)	93.14 (30.58)	246.39 (100.)	304.61 (100.)
Cochin	142.17 (33.42)	150.09 (35.28)	23.22 (5.46)	30.63 (7.2)	21.62 (5.08)	19.99 (4.7)	17.51 (4.12)	17.51 (4.12)	136.71 (32.13)	181.20 (42.59)	26.07 (6.13)	26.03 (6.12)	367.30 (100.)	425.45 (100.)
New Mangalore	56.25 (20.3)	50.44 (18.2)	19.10 (6.89)	17.88 (6.45)	52.53 (18.96)	69.47 (25.07)	40.65 (14.67)	39.98 (14.43)	89.03 (32.13)	97.12 (35.04)	2.68 (.97)	2.24 (.81)	260.24 (100.)	277.13 (100.)
Mormugao	139.51 (49.18)	154.85 (54.59)	14.09 (4.97)	17.05 (6.01)	24.81 (8.75)	29.17 (10.28)	31.99 (11.3)	26.73 (9.4)	44.41 (15.66)	51.75 (18.24)	4.04 (1.42)	4.10 (1.45)	258.85 (100.)	283.65 (100.)
Mumbai	645.15 (59.31)	616.36 (56.66)	34.97 (3.21)	39.22 (3.61)	135.16 (12.43)	132.72 (12.2)	78.22 (7.19)	74.50 (6.85)	198.63 (18.26)	206.08 (18.94)	18.44 (1.7)	18.92 (1.74)	1110.57 (100.)	1087.80 (100.)
J. L. Nehru	298.64 (24.69)	217.07 (17.94)	4.95 (.41)	2.90 (.24)	154.73 (12.79)	151.71 (12.54)	119.53 (9.88)	131.82 (10.9)	241.29 (19.95)	345.05 (28.52)	392.45 (32.44)	361.13 (29.85)	1211.59 (100.)	1209.68 (100.)
Deendayal	253.75 (26.74)	268.73 (28.32)	8.33 (.88)	6.81 (.72)	81.10 (8.55)	104.25 (10.98)	117.19 (12.35)	123.73 (13.04)	323.44 (34.08)	406.41 (42.82)	32.47 (3.42)	39.09 (4.12)	816.28 (100.)	949.03 (100.)
Kamarjar	21.78 (9.63)	20.31 (8.98)	0.00 (.)	0.00 (.)	65.43 (28.92)	45.82 (20.25)	90.61 (40.05)	61.78 (27.31)	69.75 (30.83)	95.27 (42.11)	2.32 (1.03)	3.07 (1.36)	249.89 (100.)	226.25 (100.)
Total	2911.44 (35.57)	2888.20 (32.49)	265.64 (3.25)	275.39 (3.10)	987.18 (12.06)	1057.31 (11.89)	724.07 (8.85)	689.54 (7.76)	2565.22 (31.34)	3246.90 (36.53)	732.32 (8.95)	732.01 (8.23)	8185.87 (100.00)	8889.36 (100.00)

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

Source : Major Ports

Table 2.1.36

**Operating Financial Parameters Per Tonne Of Cargo
Handled at Major Ports : 2020-21, 2021-22 & 2022-23**

(Rs. In crores)

Port	Operating Income			Operating Expenditure			Surplus/Deficit Per Tonne		
	2020-21	2021-22	2022-23	2020-21	2021-22	2022-23	2020-21	2021-22	2022-23
1	2	3	4	5	6	7	8	9	10
DEENDAYAL	146.13	197.19	189.84	66.05	64.22	68.99	80.08	90.93	120.85
MUMBAI	319.86	316.69	332.43	210.43	185.43	170.48	109.43	131.25	161.95
J. L. NEHRU	296.44	287.73	303.99	157.31	159.43	144.42	139.13	128.30	159.57
MORMUGAO	203.14	234.82	241.97	114.29	140.24	146.71	88.85	94.58	95.26
NEW MANGALORE	163.19	164.10	179.43	71.68	66.23	66.91	91.51	97.88	112.51
COCHIN	216.91	207.17	216.58	109.02	106.31	120.67	107.89	100.86	95.91
V.O.CHIDAMBARANA	172.86	174.92	193.72	71.69	72.21	80.07	101.17	102.71	113.64
CHENNAI	182.38	171.68	197.91	127.97	117.73	131.28	54.42	53.96	66.64
KAMARAJAR	224.45	289.69	225.88	87.52	86.85	52.01	136.94	202.84	173.87
VISAKHAPATNAM	206.99	221.63	234.15	93.66	107.22	108.21	113.33	114.41	125.94
PARADIP	142.45	149.17	153.19	59.11	58.76	57.20	83.34	90.41	95.99
SMP (HALDIA DOCK COMPLEX)	397.51	394.49	390.59	216.72	231.81	244.55	180.80	162.68	146.03
SMP (KOLKATA DOCK SYSTEM)	1525.82	1585.41	445.01	1008.21	1052.29	412.37	517.61	533.11	32.64
All Major Ports	242.41	246.34	233.97	129.42	128.43	112.80	112.98	117.92	121.18

Table 2.2.1

Traffic Handled at Non-Major Ports (State-wise & Port-wise) - 2020-21, 2021-22 & 2022-23

('000 Tonnes)

States/U.T.	2020-21						2021-22						2022-23						
	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	2140	1184	3324	0	110	110	1461	972	2433	0	248	248	3456	1037	4493	0	113	113	
Bhavnagar	2408	0	2408	5	0	5	2686	0	2686	0	67	67	2908	0	2908	114	274	387	
Dahej	25755	306	26061	3142	314	3456	27237	514	27751	3607	319	3926	29857	308	30165	3430	563	3993	
GAPL (Mandvi Mudra & SEZ)	93497	41288	134785	2594	274	2868	91952	49518	141469	2487	254	2741	94678	47295	141973	3721	365	4086	
GPPL (Jafrabad Pipapav)	6980	2392	9372	451	457	908	7347	2148	9495	257	575	832	8421	2604	11025	254	182	435	
Jafrabad	1054	1528	2582	407	2215	2622	400	443	843	74	1729	1803	1091	663	1754	52	3143	3195	
Magdalla	9838	2005	11843	15575	1279	16854	10493	1725	12218	18660	1591	20250	11002	1460	12462	16551	1645	18196	
Mul-Dwarka (Veraval)	505	0	505	6	2422	2429	193	554	747	825	1995	2819	757	0	757	329	2720	3050	
Navalakh	7130	537	7667	50	0	50	7014	173	7187	68	0	68	8313	206	8519	70	0	70	
Okha	1820	0	1820	121	1408	1530	2237	0	2237	343	1407	1750	2337	11	2348	705	2095	2800	
Porbandar	1234	137	1371	0	87	87	1734	223	1957	0	76	76	1691	181	1871	64	138	202	
Sikka (Bedi Sikka)	73138	40336	113473	275	7676	7951	76013	41761	117774	799	9409	10208	77878	41251	119128	531	8779	9310	
HPPL Magdalla Hazira Port)	3881	0	3881	0	0	0	2356	0	2356	0	0	0	1987	0	1987	0	0	0	
Mundra (Old) (Mandvi Mudra)	6	158	164	0	0	0	8	175	183	0	0	0	2	194	196	0	0	0	
Jakhau (Mandvi Jakhau)	527	1622	2150	0	329	329	507	2441	2948	0	298	298	121	2771	2892	4	147	152	
Salaya (Bedi EBSTL)	3634	0	3634	0	0	0	1944	0	1944	0	62	62	1994	0	1994	0	0	0	
Alang	1761	0	1761	0	0	0	1457	0	1457	0	0	0	1147	0	1147	0	0	0	
AHPPL (Magdala Adani Hazira Port)	15438	5737	21175	0	397	397	17543	6657	24200	0	362	362	18030	6327	24356	0	391	391	
TOTAL	250746	97230	347976	22627	16969	39596	252581	107303	359884	27119	18390	45510	265671	104307	369978	25825	20556	46381	
																			0.00
MAHARASHTRA																			
Dabhol	4526	0	4526	0	0	0	5211	0	5211	1	0	1	2628	0	2628	0	642	642	
Dahanu	351	0	351	0	0	0	109	0	109	0	0	0	0	0	0	1	0	1	
Dharamtar	4293	105	4397	12077	166	12243	5405	150	5554	12848	1774	14622	6367	1083	7450	19521	568	20089	
Ratnagiri	420	0	420	157	0	157	449	0	449	187	0	187	178	75	254	209	0	209	
Revdanda	511	0	511	391	133	524	442	0	442	157	113	270	91	0	91	327	90	416	
Ulwa-Belapur	0	0	0	1303	32	1335	0	0	0	1871	9	1881	0	0	0	1899	3	1902	
Jaigad	8478	1069	9548	40	4201	4241	8932	3893	12825	1687	7983	9669	12473	2261	14734	6678	13358	20036	
Redi	0	1123	1123	0	0	0	0	390	390	100	0	100	0	826	826	0	0	0	
Dighi (Rajpuri)	145	0	145	62	7	69	229	0	229	0	0	0	159	23	182	59	0	59	
Kelshi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Trombay	0	0	0	0	5	5	0	0	0	2	8	11	0	0	0	0	4	4	
Bankot	0	0	0	0	216	216	0	53	53	0	222	222	0	0	0	0	219	219	
Bhiwandi	0	0	0	0	2	2	0	0	0	6	0	6	0	0	0	1	0	1	
Vijaydurg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Karanja	0	0	0	15	0	15	101	82	182	27	2	29	1119	154	1273	77	132	209	
Vasai	0	0	0	17	0	17	0	0	0	13	0	13	0	0	0	26	0	26	
Kalyan	-	-	-	-	-	-	0	0	0	22	0	22	0	0	0	6	0	6	
TOTAL	18724	2296	21021	14062	4761	18824	20876	4566	25442	16920	10112	27032	23015	4423	27439	28803	15015	43818	
GOA																			
Panaji	0	0	0	0	35	35	0	0	0	7	20	27	0	0	0	4	4	8	
TOTAL	0	0	0	0	35	35	0	0	0	7	20	27	0	0	0	4	4	8	

**Table 2.2.1
Cont.**

Traffic Handled at Non-Major Ports (State-wise & Port-wise) - 2020-21, 2021-22 & 2022-23

('000 Tonnes)

States/U.T.	2020-21						2021-22						2022-23					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
ANDHRA PRADESH																		
Kakinada																		
Anchorage Port	0	2785	2785	0	36	36	0	2906	2906	0	10	10	0	3870	3870	0	0	0
Deep Water Port	9796	4221	14017	754	408	1163	8370	4621	12991	588	497	1084	11410	3920	15329	525	320	845
Rawa	0	0	0	633	0	633	0	0	0	846	0	846	0	0	0	710	0	710
Krishnapatnam	24778	5602	30379	6804	999	7803	25925	5511	31436	8106	578	8684	26548	4404	30951	16308	988	17297
Gangavaram	23346	7113	30459	0	2361	2361	23146	4670	27815	0	2210	2210	25746	2498	28244	212	3974	4186
TOTAL	57920	19721	77641	8191	3804	11995	57440	17708	75148	9540	3295	12835	63703	14691	78395	17755	5282	23037
KARNATAKA																		
Karwar	363	264	626	123	0	123	265	357	622	109	0	109	449	522	971	37	0	37
Old Mangalore	0	0	0	0	35	36	0	0	0	1	55	56	0	0	0	1	48	49
TOTAL	363	264	626	123	35	159	265	357	622	110	55	165	449	522	971	37	48	86
KERALA																		
Kozikode/Beyepore	0	0	0	12	92	104	0	0	0	0	0	0	0	0	0	8	100	107
Kovalam/Vizhinjam	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
Azhikkal	0	0	0	4	0	4	0	1	1	0	4	5	0	0	0	0	0	0
Kollam	0	0	0	1	4	5	0	0	0	133	0	133	0	0	0	0	2	2
TOTAL	0	0	0	17	96	113	0	1	1	134	5	139	0	0	0	8	101	109
TAMIL NADU																		
Ennore	42	0	42	0	0	0	44	0	44	0	0	0	32	0	32	0	0	0
Kattupali	1756	2060	3817	1181	2052	3233	3214	3680	6894	344	206	550	4349	4519	8867	432	134	567
Nagapattinam	41	0	41	0	0	0	47	0	47	0	0	0	77	0	77	0	0	0
Thrukkadaiyur	0	0	0	8	0	8	0	0	0	0	0	0	0	0	0	0	0	0
Cuddalore	259	0	259	0	6	6	303	0	303	0	2	2	326	0	326	0	2	2
Kuddankulam	0	0	0	1	0	1	0	0	0	1	0	1	0	0	0	1	0	1
TOTAL	2099	2060	4159	1189	2059	3248	3608	3680	7287	345	208	553	4784	4519	9302	433	136	569
PUDUCHERRY																		
Karaikal	5286	111	5397	1287	638	1926	3780	281	4061	1278	479	1757	4274	31	4304	5477	314	5791
Champlast sanmar	7	0	7	0	0	0	20	0	20	0	0	0	24	0	24	0	0	0
TOTAL	5292	111	5404	1287	638	1926	3800	281	4081	1278	479	1757	4298	31	4328	5477	314	5791
ODISHA																		
Dhamra	20871	8301	29172	0	3211	3211	23805	7465	31270	0	2170	2170	22931	5407	28337	0	2947	2947
Gopalpur	3102	7168	10270	212	167	380	4027	3550	7578	268	256	525	3915	3209	7124	114	189	303
TOTAL	23973	15469	39442	213	3378	3591	27832	11016	38848	268	2427	2695	26845	8615	35461	114	3136	3250
SEA ISLANDS																		
Andaman Nicobar	191	0	191	980	261	1241	86	0	86	1112	338	1450	160	0	160	1276	440	1716
Lakshadweep	0	0	0	108	8	116	0	0	0	178	7	184	0	0	0	204	14	218
TOTAL	191	0	191	1088	269	1357	86	0	86	1290	344	1634	160	0	160	1479	455	1934
All States TOTAL	359308	137152	496460	48798	32046	80844	366488	144911	511399	57010	35338	92348	388925	137109	526034	79935	45048	124983

Source : SMB/ Uts

Table 2.2.2

Traffic Handled at Non-Major Ports (State-wise & Principal Commodity-wise) - 2020-21, 2021-22 & 2022-23

('000 Tonnes)

Commodity	2020-21						2021-22						2022-23					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
GUJARAT																		
POL & other Products	94339	41709	136048	5813	9642	15455	99904	42205	142110	6751	11513	18264	100811	41454	142266	7266	11908	19173
Coal	64941	391	65332	28	55	83	52273	91	52364	272	87	360	59827	32	59859	560	426	987
Building Material	1981	2004	3985	1754	4926	6680	841	1117	1958	2232	4024	6255	957	676	1632	1943	6081	8024
Fertiliser & FRM	9359	347	9706	0	0	0	7894	0	7894	0	0	0	7931	0	7931	0	0	0
Chemicals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron Ore	1624	85	1709	10525	196	10721	1185	216	1402	13897	551	14448	993	0	993	11954	435	12388
Iron & Steel	710	1615	2325	0	1006	1006	565	1917	2483	15	858	873	718	944	1662	1	1009	1009
Other Ore	0	0	0	0	0	0	1138	0	1138	29	65	94	1237	14	1251	0	42	42
Foodgrains	242	249	491	0	0	0	3	396	399	0	0	0	2	675	677	0	31	31
Salt	0	3975	3975	0	0	0	0	5491	5491	0	0	0	0	4782	4782	169	0	169
Containers	45340	44647	89987	439	452	891	51939	50859	102798	196	241	438	54868	49928	104796	179	182	361
Others	32717	1786	34503	3699	976	4675	36837	5009	41846	3727	1052	4779	38327	5802	44129	3753	443	4196
Total	251253	96808	348061	22258	17253	39511	252581	107303	359884	27119	18390	45510	265671	104307	369978	25825	20556	46381
MAHARASHTRA																		
Iron Ore	208	1123	1331	7902	206	8108	895	796	1691	9909	3662	13571	666	826	1492	18689	7034	25724
Iron & Steel	0	0	0	464	157	621	0	0	0	332	3	334	0	0	0	388	151	539
POL & other Products	138	0	138	40	0	40	100	0	100	46	0	46	0	0	0	0	0	0
Building Material	200	0	200	1560	25	1584	412	0	412	2180	6	2187	74	0	74	1944	68	2011
Coal	10875	0	10875	3995	4119	8114	11016	1345	12361	4255	6142	10397	14900	505	15405	6097	6836	12932
Fertiliser & FRM	408	0	408	0	0	0	334	0	334	0	0	0	386	0	386	0	0	0
Chemicals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Containers	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Others	6895	1174	8069	101	255	356	8119	2426	10545	199	299	498	6989	3093	10082	1685	927	2612
Total	18724	2296	21021	14062	4761	18824	20876	4566	25442	16920	10112	27032	23015	4423	27439	28803	15015	43818
GOA																		
Iron Ore	0	0	0	0	7	7	0	0	0	0	2	2	0	0	0	0	0	0
Containers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	29	29	0	0	0	5	20	25	0	0	0	4	4	8
Total	0	0	0	0	35	35	0	0	0	5	22	27	0	0	0	4	4	8

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

Traffic Handled at Non-Major Ports (State-wise & Principal Commodity-wise) - 2020-21, 2021-22 & 2022-23

(’000 Tonnes)

Commodity	2020-21						2021-22						2022-23					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
TAMIL NADU																		
POL & other Products	525	0	525	0	0	0	307	0	307	2	0	2	742	0	742	5	0	5
Edible Oil	41	0	41	0	0	0	47	0	47	0	0	0	77	0	77	0	0	0
Fertiliser & FRM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron & Steel	55	5	60	6	0	6	25	10	35	180	0	180	45	0	45	317	0	317
Containers	1076	1845	2920	1173	2050	3223	2628	3393	6021	161	185	346	3623	4314	7938	110	120	230
Others	402	211	612	10	10	19	601	277	877	2	23	24	297	204	501	1	15	17
Total	2099	2060	4159	1189	2059	3248	3608	3680	7287	345	208	553	4784	4519	9302	433	136	569
KERALA																		
POL & other Products	0	0	0	0	25	25	0	0	0	0	0	0	0	0	0	0	11	11
Containers	0	0	0	0	0	0	0	1	1	2	4	6	0	0	0	0	0	0
Others	0	0	0	17	71	88	0	0	0	132	1	133	0	0	0	8	90	98
Total	0	0	0	17	96	113	0	1	1	134	5	139	0	0	0	8	101	109
PUDUCHERRY																		
POL & Other Prdct	7	0	7	0	420	420	15	0	15	0	336	336	24	0	24	0	314	314
Bldg. Material	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	0	34
Coal	4286	0	4286	1224	0	1224	2736	0	2736	1278	0	1278	3571	0	3571	5150	0	5150
Iron & Steel	0	0	0	0	0	0	0	0	0	0	0	0	31	31	0	0	0	0
Fertiliser & FRM	436	0	436	0	0	0	348	0	348	0	0	0	92	0	92	0	0	0
Iron Ore	0	0	0	54	0	54	0	0	0	0	0	0	0	0	0	169	0	169
Edible Oil	0	0	0	0	0	0	0	0	0	0	0	8	0	8	0	0	0	0
Containers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	564	111	675	9	218	227	702	281	983	0	143	143	602	0	602	123	0	124
Total	5292	111	5404	1287	638	1926	3800	281	4081	1278	479	1757	4298	31	4328	5477	314	5791
A & N ISLANDS																		
POL & other Products	0	0	0	144	3	147	0	0	0	170	3	173	0	0	0	189	2	191
Bldg. Material	7	0	7	303	59	362	12	0	12	320	75	395	0	0	0	286	121	407
Foodgrains	0	0	0	4	3	6	0	0	0	3	3	6	0	0	0	15	4	19
Iron & steel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	2	32
Containers	0	0	0	436	113	550	0	0	0	406	102	508	0	0	0	476	138	614
Others	185	0	185	92	84	176	74	0	74	213	154	366	160	0	160	280	173	453
Total	191	0	191	980	261	1241	86	0	86	1112	338	1450	160	0	160	1276	440	1716
LAKSHADWEEP																		
POL & other Products	0	0	0	18	0	18	0	0	0	17	0	17	0	0	0	26	4	30
Building Material	0	0	0	40	0	40	0	0	0	92	0	92	0	0	0	96	0	96
Iron & steel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Food grains	0	0	0	32	3	35	0	0	0	57	4	61	0	0	0	53	5	58
Others	0	0	0	18	5	23	0	0	0	11	3	14	0	0	0	27	6	33
Total	0	0	0	108	8	116	0	0	0	178	7	184	0	0	0	204	14	218
ANDHRA PRADESH																		
POL & other Products	0	0	0	1239	119	1359	2	0	2	1414	0	1414	4	0	4	1150	0	1150
Fertiliser & FRM	2315	0	2315	0	0	0	4855	0	4855	0	0	0	6048	0	6048	0	0	0
Edible Oil	2538	0	2538	7	6	13	2315	6	2321	3	0	3	2541	0	2541	16	0	16
Coal	40271	31	40301	6083	155	6239	37241	147	37387	8021	451	8472	41422	103	41525	15737	1874	17611
Bldg. Material	0	295	295	0	503	503	0	752	752	0	444	444	0	61	61	0	114	114
Chemicals	81	0	81	0	0	0	81	0	81	0	0	0	13	0	13	0	0	0
Iron & Steel	0	0	0	0	0	0	0	0	0	0	0	0	167	167	0	0	0	
Iron ore	110	5192	5301	0	2361	2361	541	1623	2165	0	2266	2266	166	1663	1828	137	2692	2829
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	0	35
Food Grain	0	2998	2998	0	0	0	38	4991	5030	0	0	0	0	5210	5210	0	0	0
Containers	2029	2522	4551	673	574	1247	1081	1147	2228	83	120	203	426	579	1005	394	430	824
Others	10577	8684	19261	188	85	273	11286	9042	20328	20	14	34	13083	6910	19993	287	172	459
Total	57920	19721	77641	8191	3804	11995	57440	17708	75148	9540	3295	12835	63703	14691	78395	17755	5282	23037

Table 2.2.2
(Contd...)

Traffic Handled at Non-Major Ports (State-wise & Principal Commodity-wise) - 2020-21, 2021-22 & 2022-23

(’000 Tonnes)

Commodity	2020-21						2020-21						2022-23					
	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																		
Fertiliser & FRM	0	0	0	0	0	0	0	0	0	0	0	0	31	0	31	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	105	0	105	0	0	0
POL & other Products	0	0	0	0	0	0	230	0	230	30	0	30	313	0	313	37	0	37
Food Grain	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16
Bldg. Material	0	0	0	0	19	19	0	0	0	0	39	39	0	0	0	0	26	26
Iron & Steel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Containers	0	0	0	0	0	0	0	0	0	1	5	6	0	0	0	0	4	4
Others	363	264	626	123	16	139	35	357	392	79	11	90	0	522	522	1	0	1
Total	363	264	626	123	35	159	265	357	622	110	55	165	449	522	971	37	48	86
ODISHA																		
Fertiliser & FRM	548	0	548	0	0	0	446	0	446	0	0	0	281	0	281	0	0	0
Iron ore	0	11068	11068	0	2329	2329	0	5670	5670	0	1240	1240	0	5221	5221	0	1204	1204
Coal	16338	0	16338	0	1049	1049	18448	0	18448	0	1117	1117	20965	0	20965	0	401	401
other ore													0	0	0	0	1457	1457
Iron & Steel	0	0	0	0	0	0	0	0	0	0	0	0	0	879	879	0	52	52
salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	114	0	114
Containers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	7087	4401	11488	213	0	213	8938	5346	14284	268	70	338	5599	2515	8114	0	22	22
Total	23973	15469	39442	213	3378	3591	27832	11016	38848	268	2427	2695	26845	8615	35461	114	3136	3250
ALL STATES																		
POL & other Pdcts	95008	41709	136717	7255	10209	17464	100559	42205	142764	8429	11852	20281	101895	41454	143349	8673	12238	20911
Coal	136710	422	137132	11331	5378	16709	121714	1582	123296	13826	7799	21625	140686	640	141326	27544	9537	37081
Building Material	2188	2299	4486	3657	5533	9189	1265	1869	3135	4974	4588	9562	1030	736	1766	4302	6411	10713
Fertiliser & FRM	13066	347	13413	0	0	0	13878	0	13878	0	0	0	14770	0	14770	0	0	0
Chemicals	81	0	81	0	0	0	0	0	0	0	0	0	13	0	13	0	0	0
Iron Ore	1942	17468	19410	18481	5099	23580	2621	8305	10926	23805	7721	31527	1824	7710	9534	30949	11365	42314
Iron & Steel	765	1620	2385	470	1163	1633	590	5657	6247	542	932	1473	763	2020	2783	738	1214	1952
Other Ore	0	0	0	0	0	0	1198	63	1261	29	287	316	1237	14	1251	0	1499	1499
Salt	0	3975	3975	0	0	0	0	5491	5491	118	0	118	105	4782	4887	318	0	318
Edible Oil	2580	0	2580	7	6	13	3193	6	3199	4	6	10	2626	0	2626	16	0	16
Foodgrains	242	3247	3489	35	6	41	42	5387	5429	61	18	79	2	5884	5887	68	57	124
Containers	48445	49013	97458	2723	3189	5911	65780	18947	84726	4372	1477	5849	58917	54821	113738	1159	874	2033
Others	58788	16630	75419	4470	1748	6218	55648	55399	111047	849	658	1507	65058	19046	84104	6168	1852	8020
Total	359815	136730	496545	48428	32330	80759	366488	144911	511399	57008	35339	92348	388925	137109	526034	79935	45048	124983

Source : States/UT Maritime Boards

Table 2.2.3

**Commodity-wise Overseas Cargo Traffic Handled At Select
Non-Major Ports - 2020-21, 2021-22 & 2022-23**

('000 Tonnes)

Port/Commodity	2020-21			2021-22			2022-23		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
GUJARAT									
1. Bedi	2140	1184	3324	1461	972	2433	3456	1037	4493
a)Others Ore	0	0	0	0	0	0	0	0	0
b)Fertilizers & FRM	551	0	551	451	0	451	291	0	291
c)Salt	0	0	0	0	0	0	0	0	0
d)Coal	746	0	746	475	0	475	2525	0	2525
e)Others	843	1184	2026	535	972	1507	640	1037	1677
2. Okha	1820	0	1820	2237	0	2237	2337	11	2348
b) Coal	880	0	880	1140	0	1140	989	0	989
c)Ore	0	0	0	0	0	0	0	0	0
d)Others	940	0	940	1097	0	1097	1348	11	1359
3.GAPL	93497	41288	134785	91952	49518	141469	94690	47282	141973
a)Edible Oil	751	0	751	831	0	831	915	5	920
b)Food grains	1	3	3	0	217	217	0	504	504
c)Iron & steel	596	385	981	562	350	912	717	374	1091
d)POL&Other Products	17417	248	17665	21061	17	21079	19916	17	19933
e)Fertiliser&FRM	4466	7	4473	4584	0	4584	4490	0	4490
f)Coal	28625	0	28625	17453	53	17506	18125	32	18158
g)Iron Ore	0	55	55	37	216	254			0
h)Container	37462	37765	75227	44754	44344	89098	46700	43307	90007
i)Others	4180	2825	7005	2668	4320	6988	3827	3043	6870
4.Navalakhi	7130	537	7667	7014	173	7187	8313	206	8519
a)Coal	7130	0	7130	7014	0	7014	8313	0	8313
b)Salt	0	537	537	0	173	173	0	206	206
c)Others	0	0	0	0	0	0	0	0	0
5.Mul-Dwarka	505	0	505	193	554	747	757	0	3807
a)Building Material	0	0	0	0	554	554	219	0	3217
b)Coal	505	0	505	193	0	193	538	0	591
c)Others	0	0	0	0	0	0	0	0	0
6. Sikka	73138	40336	113473	76013	41761	117774	77878	41251	119128
a)POL&Other Products	72193	40336	112529	75566	41761	117327	77544	41251	118795
b)Building Material	53	0	53	0	0	0	0	0	0
c)Coal	58	0	58	54	0	54	0	0	0
d)Others	833	0	833	393	0	393	334	0	334
7. Magdalla	9838	2005	11843	10493	1725	12218	11002	1460	12462
a)POL&Other Products	0	0	0	0	0	0	0	0	0
b)Iron Ore	300	0	300	0	0	0	0	0	0
c)Iron & Steel	13	1195	1208	0	1522	1522	0	540	540
d)Coal	7404	0	7404	8572	39	8611	8734	0	8734
e)Others	2121	810	2931	1921	165	2086	2269	920	3188
8. Jafarabad	1054	1528	2582	400	443	843	1091	663	1754
a)Coal	0	0	0	0	0	0	0	0	0
b)Building Material	0	984	984	0	443	443	0	663	663
c)Others	1054	545	1599	400	0	400	1091	0	1091
9. Dahej	25755	306	26061	27237	514	27751	29857	308	30165
a)POL&Other Products	3051	95	3146	3254	427	3681	3311	187	3499
b)Iron Ore	690	30	720	1148	0	1148	993	0	993
c)Fertiliser&FRM	268	0	268	1137	0	1137	886	0	886
d)Coal	4034	0	4034	5641	0	5641	8931	0	8931
e)Building Material	573	0	573	767	0	767	738	0	738
f)Others	17139	182	17320	15289	87	15377	14998	120	15119

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

**Commodity-wise Overseas Cargo Traffic Handled At Select
Non-Major Ports - 2020-21, 2021-22 & 2022-23**

('000 Tonnes)

Port/Commodity	2020-21			2021-22			2022-23		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
10. GPPL	6980	2392	9372	7347	2148	9495	8421	2604	11025
a)POL&Other Products	205	29	234	22	0	22	40	0	40
b)Coal	857	0	857	952	0	952	1081	0	1081
c)Fertiliser&FRM	1746	0	1746	1331	0	1331	2108	0	2108
d)Container	3273	2265	5538	2791	2062	4853	3620	2481	6101
e)Others	899	97	996	2250	87	2337	1572	123	1695
MAHARASHTRA									
1. Revdanda	511	0	511	442	0	442	91	0	91
a)Iron Ore	0	0	0	0	0	0	0	0	0
b)Coal	501	0	501	402	0	402	91	0	91
c) Others	10	0	10	40	0	40	0	0	0
2. Ratnagiri	420	0	420	449	0	449	178	75	254
a) Chemicals	0	0	0	0	0	0	0	0	0
b) Coal	166	0	166	212	0	212	61	56	116
c) Others	254	0	254	236	0	236	118	20	137
3) Dharamtar	4293	105	4397	5405	150	5554	6367	1083	7450
a) Iron ore	0	0	0	63	0	63	0	0	0
b) Coal	2354	0	2354	2813	0	2813	2644	357	3001
c)Iron&Steel	0	0	0	0	0	0	0	0	0
d)Fertiliser&FRM	0	0	0	0	0	0	0	0	0
e)Others	1939	105	2044	2529	150	2678	3723	726	4449
4) Dahanu	351	0	351	351	702	1053	1755	2809	4564
a) Coal	351	0	351	109	0	109	0	0	0
5)Dabhol	4526	0	4526	5211	0	0	2628	0	2628
a)POL&Other Products	0	0	0	0	0	0	0	0	0
b)Others	4526	0	0	5211	0	0	2628	0	2628
KARNATAKA									
1. Karwar	363	264	626	265	357	622	449	522	971
a)Fertilizer &FRM	0	0	0	0	0	0	31	0	31
b)POL&Other Products	0	0	0	230	0	230	313	0	313
c)Others	363	264	626	35	357	392	105	522	627
2. Belkeri	0	0	0	0	0	0	0	0	0
a)Others	0	0	0	0	0	0	0	0	0
KERALA									
1. Kozikode/Bey pore	0	0	0	0	0	0	0	0	0
a)Others	0	0	0	0	0	0	0	0	0
2. Kovalam-Vizhinjam	0	0	0	0	0	0	0	0	0
a)Others	0	0	0	0	0	0	0	0	0
TAMILNADU									
1. Ennore	42	0	42	44	0	44	32	0	32
a)Fertiliser&FRM	0	0	0	0	0	0	0	0	0
b)Others	42	0	42	44	0	44	32	0	32
2. Nagapattinam	41	0	41	47	0	47	77	0	77
a)Edible Oil	41	0	41	47	0	47	77	0	0
b)Others	0	0	0	0	0	0	0	0	0

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

**Commodity-wise Overseas Cargo Traffic Handled At Select
Non-Major Ports - 2020-21, 2021-22 & 2022-23**

('000 Tonnes)

Port/Commodity	2020-21			2021-22			2022-23		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
3. Cuddalore	259	0	259	303	0	303	326	0	326
a)POL&Other Products	259	0	259	303	0	303	326	0	326
b)Others	0	0	0	0	0	0	0	0	0
GOA									
Panaji	0	0	0	0	0	0	0	0	0
a) Iron ore	0	0	0	0	0	0	0	0	0
b) Coal	0	0	0	0	0	0	0	0	0
c)Others	0	0	0	0	0	0	0	0	0
ANDHRA PRADESH									
1. Kakinada Anchorage Por	0	2785	2785	0	2906	2906	0	3870	3870
a)Foodgrain	0	2785	2785	0	2906	2906	0	3870	3870
b)Fertiliser &FRM	0	0	0	0	0	0	0	0	0
c)Others	0	0	0	0	0	0	0	0	0
2. Kakinada Deep Water Po	9796	4221	14017	8370	4621	12991	11410	3920	15329
a)Fertiliser &FRM	0	0	0	2482	0	2482	3384	0	3384
b)Edible Oil	934	0	934	862	6	868	1042	0	1042
c)POL&Other Products	0	0	0	2	0	2	4	0	4
d)Iron ore	0	356	356	0	127	127	0	0	0
e)Coal	4406	0	4406	1726	33	1759	3654	0	3654
d)Building Material	0	0	0	0	0	0	0	0	0
g)Container	8	185	193	2	10	12	0	181	181
e)Others	4449	3680	8129	3296	4445	7741	3326	3739	7065
3. Krishnapatinam	24778	5602	30379	25925	5511	31436	26548	4404	30951
a)Fertiliser &FRM	1349	0	1349	1361	0	1361	1748	0	1748
b) Iron ore	55	177	231	541	0	541	166	1113	1278
c) Coal	19087	31	19118	18687	61	18748	19402	75	19476
d)Building Material	0	295	295	0	752	752	0	61	61
g)Container	2021	2337	4358	1079	1137	2216	426	398	824
e)Others	2266	2763	5029	4257	3562	7818	4806	2758	7564
4. Gangavaram	23346	7113	30459	23146	4670	27815	25747	2497	28245
a)Fertiliser &FRM	966	0	966	1013	0	1013	916	0	916
b) Iron ore	55	4659	4714	0	1496	1496	0	550	550
c) Coal	16778	0	16778	16828	53	16880	18367	28	18395
d)Others	5547	2454	8001	5305	3120	8425	6464	1920	8384
PUDUCHERRY									
Karaikal	10571	111	10683	3780	281	4061	4274	31	4304
a))Building Material	0	0	0	0	0	0	0	0	0
b)Coal	4286	0	4286	2736	0	2736	3571	0	3571
c)Fertiliser &FRM	436	0	436	348	0	348	92	0	92
d)POL&Other Products	0	0	0	15	0	15	0	0	0
e) Iron ore	0	0	0	0	281	281	0	31	31
f)Salt	0	0	0	0	0	0	8	0	8
g)Others	5849	111	5961	681	0	681	602	0	602
ODISHA									
Gopalpur	3102	7168	10270	4027	3550	7578	3915	3209	7124
a)Fertiliser &FRM	0	0	0	0	0	0	0	0	0
b) Iron ore	0	6664	6664	0	2507	2507	0	2687	2687
c) Coal	727	0	727	940	0	940	1596	0	1596
d)Others	2375	505	2880	3087	1043	4130	2319	521	2841
Dhamra	20871	8301	29172	23805	7465	31270	22930	5407	28337
a) Iron ore	0	4405	4405	0	3162	3162	0	2534	2534
b) Coal	15611	0	15611	17508	0	17508	19369	0	19369
c)Others	5260	3896	9156	6296	4303	10600	3561	2872	6434

Source : State / UT Maritime Boards

Table 2.2.4

**Commodity-wise Coastal Cargo Traffic Handled At Select
Non-Major Ports - 2020-21, 2021-22 & 2022-23**

('000 Tonnes)

Port/Commodity	2020-21			2021-22			2022-23		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
GUJARAT									
1.Bedi	0	110	110	0	248	248	0	113	113
a)Coal	0	55	55	0	0	0	0	58	58
b)Others	0	55	55	0	248	248	0	55	55
2.Okha	121	1408	1530	343	1407	1750	705	2095	2800
a)POL&Other Products	0	1243	1243	0	1407	1407	0	2041	2041
b) Other Ores	0	0	0	0	0	0	0	0	0
c)Coal	0	0	0	0	0	0	0	0	0
d) Others	121	165	286	343	0	343	705	54	759
3.GAPL	2594	274	2868	2487	254	2741	3721	365	4086
a)POL&Other Products	2396	32	2428	2345	39	2384	3286	188	3474
b)Coal	0	0	0	0	11	11	222	27	249
c) Iron Ore	105	0	105	80	0	80	165	0	165
d)Others	93	243	336	61	204	266	47	151	198
4.Navlakhi	50	0	50	68	0	68	70	0	70
a)Building Material	50	0	50	68	0	68	70	0	70
b)Others	0	0	0	0	0	0	0	0	0
5.Mul-Dwarka	6	2422	2429	825	1995	2819	329	2720	3050
a)Building Material	0	2422	2422	716	1995	2711	277	2720	2997
b)Coal	6	0	6	108	0	108	52	0	52
c)Others	0	0	0	0	0	0	0	0	0
6.Sikka	275	7676	7951	799	9409	10208	531	8779	9310
a) POL&Other Products	275	7655	7930	799	9409	10207	530	8779	9309
b) Salt	0	0	0	0	0	0	0	0	0
c) Others	0	21	21	1	0	1	1	0	1
7.Magdalla	15575	1279	16854	18660	1591	20250	16551	1645	18196
a) POL&Other Products	0	0	0	0	0	0	0	0	0
b)Building Material	1396	0	1396	1448	0	1448	1596	0	1596
c) Iron Ore	11042	176	11218	13816	551	14367	11789	435	12223
d) Iron & Steel	0	985	985	0	852	852	0	970	970
e) Others	3137	117	3254	3396	188	3584	3166	241	3407
8.Jafarabad	0	2905	2905	74	1729	1803	52	3143	3195
a)Building Material	307	2199	2506	0	1637	1637	0	3143	3143
b)Others	0	0	0	0	0	0	52	0	52
9.Dahej	3142	314	3456	3607	319	3926	3430	563	3993
a) POL&Other Products	3142	314	3456	3607	319	3926	3430	542	3972
b)Others	0	0	0	0	0	0	0	21	21
10.GPPL	451	457	908	257	575	832	254	182	435
a) POL&Other Products	0	0	0	0	0	0	19	0	19
b)Building Material	0	0	0	0	0	0	0	0	0
c)Iron Ore	0	0	0	0	0	0	0	0	0
d)Container	439	452	891	196	241	438	179	182	361
e)Others	12	5	17	61	334	394	55	0	55
GOA									
1. Panaji	0	35	35	5	22	27	4	4	8
a) Iron ore	0	7	7	0	2	2	0	0	0
b) Others	0	29	29	5	20	25	4	4	8

**Table 2.2.4
(Contd...)****Commodity-wise Coastal Cargo Traffic Handled At Select
Non-Major Ports - 2020-21, 2021-22 & 2022-23**

('000 Tonnes)

Port/Commodity	2020-21			2021-22			2022-23		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
MAHARASHTRA									
1.Ratnagiri	157	0	157	187	0	187	209	0	209
a)Building Material	157	0	157	187	0	187	209	0	209
b) Others	0	0	0	0	0	0	0	0	0
2.Dharamtar	12077	166	12243	12848	1774	14622	19521	568	20089
a) Iron Ore	454	147	601	320	3	322	11722	5	11727
b)Building Material	95	0	95	99	0	99	0	0	0
c)Coal	3995	0	3995	4199	868	5066	6073	527	6600
d) Others	7533	18	7551	8230	904	9134	1726	36	1762
3. Revdanda	391	133	524	157	113	270	327	90	416
a) Iron Ore	390	124	513	155	113	268	326	90	416
b) Iron & Steel	0	9	9	0	0	0	0	0	0
c) Others	1	0	1	2	0	2	1	0	1
4. Ulwa-Belapur	1303	32	1335	1871	9	1881	1899	3	1902
a)Building Material	1303	25	1328	1871	6	1878	1878	3	1881
b) Others	0	7	7	0	3	3	21	0	21
5.Dabhol	0	0	0	1	0	0	0	642	642
a) Iron & Steel	0	0	0	0	0	0	0	0	0
b) Others	0	0	0	0	0	0	0	642	642
6.Dahanu	0	0	0	0	0	0	0	0	0
a)Coal	0	0	0	0	0	0	0	0	0
ODISHA									
1. Dhamra	0	3211	3211	0	2170	2170	0	2947	2947
a) Coal	0	1049	1049	0	1117	1117	0	401	401
b) Iron Ore	0	2162	2162	0	984	984	0	1015	1015
c)Other	0	0	0	0	70	0		1531	1531
2. Gopalpur	212	167	380	268	256	525	114	189	303
a) Iron Ore	0	167	167	0	256	256	0	189	189
b)Salt	62	0	62	118	0	118	114	0	114
c)Others	151	0	151	150	0	150	0	0	0
KERALA									
1.Kozikoda/ Beypore	12	92	104	0	0	0	8	100	107
a)POL&other Products	0	25	25	0	0	0	0	11	11
b)Builiding material	0	0	0	0	0	0	0	0	0
c)Foodgrains	0	0	0	0	0	0	0	0	0
d)Others	12	68	79	0	0	0	8	89	96
2)Kovlam-Vizanjam	0	0	0	0	0	0	0	0	0
a)Others	0	0	0	0	0	0	0	0	0
ANDHRA PRADESH									
1.Rawa Port	633	0	633	846	0	846			
a)Crude Oil	633	0	633	846	0	846			
2.Kakinada Anchorage	0	36	36	0	10	10	0	0	0
a)Builiding material	0	36	36	0	10	10	0	0	0
b)Others	0	0	0	0	0	0	0	0	0
3.Kakinada Deep Water	754	408	1163	588	497	1084	525	320	845
a)POL&other Products	606	119	726	567	0	567	440	0	440
b)Chemical	0	0	0	0	0	0	0	0	0
c)Coal	0	131	131	0	451	451	0	307	307
d)Container	1	76	78	1	42	42	0	11	11
e)Other	146	82	228	20	4	24	85	2	87
4.Gangavaram	0	2361	2361	0	2210	2210	212	3975	4186
a)Iron Ore	0	2361	2361	0	2210	2210	0	2356	2356
b)Coal	0	0	0	0	0	0	0	1567	1567
c)Other	0	0	0	0	0	0	212	52	264

**Table 2.2.4
(Contd...)****Commodity-wise Coastal Cargo Traffic Handled At Select
Non-Major Ports - 2020-21, 2021-22 & 2022-23**

('000 Tonnes)

Port/Commodity	2020-21			2021-22			2022-23		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
5. Krishnapatinam	6804	999	7803	8106	578	8684	16308	988	17297
a)POL&other Products	0	0	0	0	0	0	0	0	0
b)Coal	6083	25	6108	8021	0	8021	15737	0	15737
c)Iron Ore	0	0	0	0	56	56	137	337	474
d)Building Material	0	468	468	0	434	434	0	114	114
e)Container	672	497	1169	82	79	161	394	419	813
f)Other	49	9	58	3	10	13	41	118	159
TAMIL NADU									
1. Nagapattinam	0	0	0	0	0	0	0	0	0
a)POL&other Products	0	0	0	0	0	0	0	0	0
b)Others	0	0	0	0	0	0	0	0	0
2. Thirukkadaiyur	8	0	8	0	0	0	0	0	0
a)POL&other Products	0	0	0	0	0	0	0	0	0
b)Others	8	0	8	0	0	0	0	0	0
KARNATAKA									
1. Karwar	123	0	123	109	0	109	37	0	37
a)POL&other Products	0	0	0	30	0	30	37	0	37
b)Salt	0	0	0	0	0	0	0	0	0
c)Others	123	0	123	79	0	79	0	0	0
2. Mangalore	0	35	36	1	55	56	1	48	49
a)Building Material	0	19	19	0	39	39	0	26	26
b)Others	0	16	16	1	16	17	1	22	23
PUDUCHERRY									
1) Karaikal	2575	1277	3852	1278	479	1757	5477	314	5791
a)POL&Other Products	0	420	420	0	336	336	0	314	314
b) Iron ore	54	0	54	0	0	0	0	0	0
c)Building Material	0	0	0	0	0	0	34	0	34
d)Coal	1224	0	1224	1278	0	1278	5150	0	5150
e)Others	1296	856	2153	0	143	143	292	0	293
ANDAMAN & NICOBAR									
a)Building Material	303	59	362	320	75	395	286	121	407
b)POL&Other Products	144	3	147	170	3	173	189	2	191
c)Foodgrains	4	3	6	3	3	6	15	4	19
d) Iron & steel	10	1	11	13	1	15	30	2	32
e)Container	436	113	550	406	102	508	476	138	614
f)Others	82	82	165	199	152	352	279	173	452
Lakshadweep	108	8	116	178	7	184	204	14	218
a)Building Material	18	0	18	17	0	17	96	0	96
b)POL&Other Products	40	0	40	92	0	92	26	4	30
c)Foodgrains	32	3	35	57	4	61	53	5	58
d)Others	18	5	23	11	3	14	29	6	35

Source : State / UT Maritime Boards

: In building material include, cement & clinker

Table 2.2.5

Manpower Employment At Non-Major Ports - 2022-23

(In No.)

States/UTs	Officers		Regular Workers		Casual Workers
	Sanctioned	Actual	Sanctioned	Actual	
1	2	3	4	5	6
Gujarat	273	136	1419	491	238
Maharashtra	372	358	394	354	2272
Goa	12	6	165	146	0
Daman & Diu	1	0	12	3	1
Karnataka	151	30	84	21	0
Kerala	42	32	0	188	0
Tamil Nadu	49	13	85	21	6
Puducherry	158	153	162	113	1
Andhra Pradesh**	476	451	7158	7158	4428
Andaman & Nicobar Islands	437	233	343	138	19
Odisha	294	281	4235	4066	4897
Lakshadweep	1	185	257	0	0
Total	2266	1878	14314	12699	11862

**Gangavaram and Krishnapatnam port.

Source : State / UT Maritime Boards

Table 2.2.6

Physical Performance of Non-Major Ports (2021-22 & 2022-23)

Maritime State/U. Ts./Port	No. of Vessels Left		Turn Round Time (hrs)	
	2021-22	2022-23	2021-22	2022-23
1	2	3	4	5
GUJARAT				
GUJARAT (Total Vessels)	13065	13767	NA	-
Verawal (Mul Dwarka)	NA	933	NA	76.5
Okha	NA	79		-
MAHARASHTRA				
	1995	NA	10.4	NA
Bandra Group	-	-	-	-
Mora Group	-	-	-	-
Rajpuri Group	-	-	-	-
Ratnagiri Group	-	-	-	-
Vengurla Group	-	-	-	-
KARNATAKA				
Karwar	120	128	48.0	8.0
Malpe	-	-	-	-
Hangakatta	-	-	-	-
Old Mangalore	188	309	48 -72	-
Kundapur	-	-	-	-
TAMIL NADU				
Nagapattinam	10	14	-	66.9
Cuddalore (Chemplast Jetty)	40	45	43.5	47.6
Ennore	10	6	31.2	30.0
Kattupalli	429	534	24-72	30.6
Kundakulam	6	3	-	-
GOA				
Panaji	107	18	N.A	41.1
ANDHRA PRADESH				
Kakinada(Sea Port)	665	780	9.2	19.1
Kakinada(Anchorage)	124	N.A	N.A	N.A
Rawa	16	N.A	-	-
Krishnapatinam	984	1058	69.5	103.6
Gangavaram	434	475	83.9	197.0
KERALA				
Kozhikode/Bey pore	-	348	-	-
Koavalam/Vizhinjam	-	-	-	-
Kollam	54	42	-	18.5
Azhikkal	-	-	-	-
ODISHA				
Dhamra	-	571	-	89.4
Gopalpur	143	142	120.0	181.5
PUDUCHERRY				
Karaikal	113	178	68.6	61.8
Chemplast	6	7	96.0	24.0
Puducherry	-	1	-	24.0
ANDAMAN & NICOBAR				
	8881	261	*	76.3
Lakshadweep				
	-	2631	-	-

* Container vessel 24-48 hours, Cargo vessel 48-72 hours. POL/LPG Tanker 24-48 hours. Passenger cum cargo vessel 72-96 hours
Source : State / UT Maritime Boards

SECTION – II

3. TIME SERIES STATISTICS

3.1 ALL PORTS

3.2 MAJOR PORTS

3.3 NON-MAJOR PORTS

Table 3.1.1

Trend in Cargo Traffic Handled At Indian Ports

(In Million Tonnes)

Ports/ Years	Overseas			Coastal			Overseas & Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
MAJOR PORTS									
2001-02	130.12	76.77	206.89	47.03	33.66	80.69	177.15	110.43	287.58
2007-08	253.16	165.76	418.92	57.50	42.89	100.39	310.66	208.65	519.31
2008-09	260.97	166.49	427.46	57.70	45.65	103.34	318.67	212.14	530.80
2009-10	286.50	167.52	454.02	58.93	48.14	107.07	345.43	215.66	561.08
2010-11	296.31	168.86	465.17	55.64	49.29	104.93	351.95	218.15	570.10
2011-12	306.76	147.56	454.32	55.98	49.89	105.87	362.74	197.45	560.19
2012-13	315.20	123.63	438.83	53.90	53.10	107.01	369.10	176.73	545.83
2013-14	318.66	122.18	440.83	59.77	54.89	114.66	378.43	177.06	555.49
2014-15	355.63	106.24	461.87	65.67	53.81	119.48	421.29	160.05	581.34
2015-16	379.70	101.02	480.72	66.84	58.33	125.17	446.54	159.35	605.89
2016-17	381.07	133.00	514.07	74.39	60.02	134.40	455.46	193.02	648.47
2017-18	391.24	133.49	524.73	86.13	68.61	154.74	477.36	202.11	679.47
2018-19	407.71	125.10	532.81	90.13	76.11	166.24	497.84	201.21	699.05
2019-20	407.44	137.73	545.16	83.27	76.49	159.76	490.71	214.22	704.93
2020-21	366.73	158.60	525.34	66.75	80.59	147.35	433.49	239.20	672.68
2021-22	392.43	156.30	548.73	73.29	98.03	171.32	465.72	254.33	720.05
2022-23	450.75	148.83	599.58	74.97	109.75	184.72	525.73	258.58	784.30
NON-MAJOR PORTS									
2001-02	49.18	19.76	68.94	10.45	16.13	26.58	59.63	35.89	95.52
2007-08	107.04	70.27	177.31	16.87	12.20	29.07	123.91	82.47	206.38
2008-09	117.76	65.78	183.54	18.51	11.17	29.68	136.27	76.95	213.22
2009-10	159.89	83.62	243.51	24.71	20.72	45.43	184.60	104.34	288.94
2010-11	175.63	91.49	267.12	27.75	20.49	48.24	203.38	111.98	315.36
2011-12	210.17	90.38	300.55	28.68	24.51	53.19	238.85	114.89	353.74
2012-13	249.38	83.55	332.93	31.73	23.26	54.99	281.12	106.81	387.92
2013-14	280.00	90.27	370.27	33.89	12.81	46.70	313.88	103.09	416.97
2014-15	325.10	92.60	417.70	31.63	21.56	53.19	356.73	114.16	470.89
2015-16	317.31	94.53	411.84	31.25	22.79	54.04	348.55	117.32	465.87
2016-17	319.49	99.01	418.50	35.81	30.90	66.72	355.30	129.92	485.21
2017-18	342.79	108.02	450.81	43.74	34.53	78.28	386.54	142.55	529.09
2018-19	372.81	113.47	486.29	53.36	42.96	96.32	426.17	156.44	582.61
2019-20	390.59	130.49	521.08	54.64	39.33	93.97	445.23	169.82	615.04
2020-21	359.82	136.73	496.55	48.43	32.33	80.76	408.24	169.06	577.30
2021-22	366.49	144.91	511.40	57.01	35.34	92.35	423.50	180.25	603.75
2022-23	388.93	137.11	526.03	79.93	45.05	124.98	468.86	182.16	651.02
ALL PORTS									
2001-02	179.30	96.53	275.83	57.48	49.79	107.27	236.78	146.32	383.10
2007-08	360.20	236.03	596.23	74.37	55.09	129.46	434.57	291.12	725.69
2008-09	378.73	232.27	611.00	76.21	56.82	133.02	454.94	289.09	744.02
2009-10	446.39	251.14	697.53	83.64	68.86	152.50	530.03	320.00	850.02
2010-11	471.94	260.35	732.29	83.39	69.78	153.17	555.33	330.13	885.46
2011-12	516.93	237.94	754.87	84.66	74.40	159.06	601.59	312.34	913.93
2012-13	564.58	207.17	771.76	85.63	76.36	162.00	650.22	283.54	933.75
2013-14	598.66	212.45	811.11	93.66	67.70	161.35	692.31	280.15	972.46
2014-15	680.73	198.84	879.56	97.29	75.38	172.67	778.02	274.21	1052.23
2015-16	697.00	195.56	892.56	98.09	81.12	179.20	795.09	276.67	1071.76
2016-17	700.56	232.01	932.57	110.20	90.92	201.12	810.75	322.93	1133.69
2017-18	734.03	241.51	975.54	129.87	103.15	233.02	863.90	344.66	1208.56
2018-19	780.53	238.58	1019.10	143.49	119.07	262.56	924.01	357.65	1281.66
2019-20	798.03	268.21	1066.24	137.91	115.82	253.73	935.93	384.03	1319.97
2020-21	726.55	295.33	1021.88	115.18	112.92	228.11	841.73	408.26	1249.99
2021-22	758.92	301.21	1060.13	130.30	133.37	263.67	889.22	434.58	1323.80
2022-23	839.68	285.93	1125.61	154.91	154.80	309.71	994.59	440.73	1435.32

Source:- Major /Non Major Ports

Table 3.1.2

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

Port/State/Type of Traffic	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
1	2	3	4	5	6	7	8	9	10	11	12
GUJARAT	381436	396950	428592	439236	451181	480868	514598	534398	505138	532494	553919
Deendayal	93619	87005	92497	99458	105442	110099	115401	122607	117566	127100	137561
Other Ports	287817	309945	336095	339778	345739	370769	399197	411791	387572	405394	416359
Overseas	332241	360005	388120	397416	405611	427913	452584	470752	450475	470962	492214
Coastal	49195	36945	40472	41820	45570	52955	62014	63646	54663	61532	61705
Loaded	114966	106602	119328	121522	124516	138375	147946	151922	149348	164865	334207
Unloaded	266470	290348	309264	317714	326665	342493	366652	382476	355790	367629	219712
MAHARASHTRA	146724	146181	152756	153995	160174	166812	177126	172806	157977	188361	218726
Mumbai	58038	59184	61660	61119	63129	62902	60634	60696	53324	59891	63608
J.L.Nehru	64488	62333	63801	64027	62151	66004	70706	68449	64809	75996	83861
Other Ports	24198	24664	27295	28849	34894	37906	45786	43661	39844	52474	71257
Overseas	119426	115954	116691	123351	118068	115790	122108	121913	110707	133111	147329
Coastal	27298	30227	36065	30644	42106	51022	55019	50893	47270	55250	71397
Loaded	44819	42718	42112	40086	41570	42453	47838	43168	54003	69331	74479
Unloaded	101905	103463	110644	113909	118604	124359	129289	129638	103974	119030	144247
GOA	21127	12023	15471	21206	33298	26969	17698	16025	22023	18483	17342
Mormugao	17738	11739	14711	20776	33181	26897	17683	16017	21988	18456	17334
Other Ports	3389	284	760	430	117	72	15	8	35	27	8
Overseas	20373	11298	14250	20105	32137	25176	14882	14455	20578	16343	15601
Coastal	754	725	1221	1101	1161	1793	2816	1570	1445	2140	1741
Loaded	11944	2334	3677	5667	17435	12510	4377	3154	9497	6044	3515
Unloaded	9183	9689	11794	15539	15863	14459	13321	12871	12526	12439	13827

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

Cargo Traffic Handled At Indian Ports - By State

(In '000 Tonnes)

Port/State/Type of Traffic	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
1	2	3	4	5	6	7	8	9	10	11	12
KARNATAKA	37646	39874	37217	36417	40643	42739	43552	40080	37285	40083	42474
New Mangalore	37036	39365	36566	35582	39936	42059	42508	39145	36500	39296	41417
Other Ports	610	509	651	835	707	680	1044	935	785	787	1057
Overseas	31261	33849	32108	30988	32090	32170	35252	29703	26454	28027	33312
Coastal	6385	6025	5109	5429	8553	10569	8301	10376	10831	12056	9162
Loaded	10028	10230	8543	7979	9003	9896	9993	9998	8909	11251	10095
Unloaded	27618	29644	28674	28438	31640	32843	33560	30081	28376	28831	32379
KERALA	19941	20976	21754	22239	25148	29281	32243	34194	31616	34691	35365
Cochin	19845	20886	21595	22095	25007	29143	32021	34038	31503	34551	35256
Other Ports	96	90	159	144	141	138	222	156	113	140	109
Overseas	13236	13110	14740	14784	17944	20492	21084	22940	20403	22715	23150
Coastal	6705	7866	7014	7455	7204	8789	11159	11255	11213	11976	12215
Loaded	3913	4262	4162	4030	4878	5906	6772	6850	7132	8533	7436
Unloaded	16028	16714	17592	18209	20270	23375	25471	27344	24484	26158	27929
TAMILNADU	100482	107950	116031	119969	119849	120014	122812	125950	108639	129266	140369
V.O.Chidambaranar	28260	28642	32414	36849	38463	36583	34342	36076	31790	34119	38041
Chennai	53404	51105	52541	50058	50214	51881	53012	46758	43553	48564	48949
Kamarajar	17885	27337	30251	32206	30020	30446	34498	31746	25889	38742	43507
Other Ports	933	866	825	856	1152	1103	960	11370	7407	7840	9871
Overseas	79509	84936	92511	90432	91455	86752	88315	98356	77963	94749	94508
Coastal	20973	23014	23520	29537	28394	33262	34497	27594	30676	34517	45861
Loaded	29534	28968	30087	29894	30129	31197	30838	36777	32293	39071	38654
Unloaded	70948	78982	85944	90075	89720	88817	91975	89173	76346	90195	101714
PONDICHERRY	6909	6281	4958	5974	9112	8121	8370	10101	7330	5839	10120
Other Ports	6909	6281	4958	5974	9112	8121	8370	10101	7330	5839	10120
Overseas	6867	6244	4588	5707	7664	7964	6565	7782	5404	4081	4328
Coastal	42	37	370	267	1448	157	1805	2319	1926	1757	5791
Loaded	473	343	137	138	711	691	471	644	750	761	345
Unloaded	6436	5938	4821	5836	8401	7430	7899	9457	6580	5078	9775
ANDHRA PRADESH	110849	117196	141422	129768	130623	149822	168635	172627	159480	157014	175182
Visakhapatnam	59038	58504	58004	57035	61020	63537	65301	72722	69843	69030	73750
Other Ports	51811	58692	83418	72733	69603	86285	103334	99905	89637	87984	101432
Overseas	87211	93254	117496	104829	101851	122641	136631	138261	61178	122905	132995
Coastal	23638	23942	23926	24939	28772	27181	32004	34365	98301	34108	42187
Loaded	34972	36946	29705	27003	37492	39738	40134	48388	53917	49731	46770
Unloaded	75877	80250	111717	102765	93131	110084	128501	124238	105562	107283	128412

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

Cargo Traffic Handled At Indian Ports - By State

(In '000 Tonnes)

Port/State/Type of Traffic	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
1	2	3	4	5	6	7	8	9	10	11	12
ODISHA	67620	82374	86463	91346	111432	124623	131488	147958	157582	157676	174072
Paradip	56552	68003	71011	76397	88959	102028	109303	112689	114549	116133	135361
Other Ports	11068	14371	15452	14949	22473	22595	22186	35269	43033	41543	38711
Overseas	47967	57004	60231	61920	81983	89047	88952	108584	123357	112777	112399
Coastal	19653	25370	26232	29426	29449	35576	42536	39374	34225	44899	61673
Loaded	19771	31477	47666	29156	42965	48047	54439	66380	75843	70272	79343
Unloaded	47849	50897	38797	62190	68467	76576	77050	81578	81739	87404	94729
WEST BENGAL	39928	41386	46293	50289	50951	57891	63763	63983	61368	58175	65659
SMP (KDS)	11844	12875	15283	16782	16810	17390	18551	17303	15900	15298	17051
SMP(HDC)	28084	28511	31010	33507	34141	40501	45212	46680	45468	42877	48608
Other Ports	-	-	-	-	-	-	-	-	-	-	-
Overseas	33660	35400	38811	42982	43718	47458	52662	53437	55718	52374	60316
Coastal	6268	5986	7482	7307	7233	10433	11101	10546	5650	5801	5343
Loaded	12911	13962	10044	10912	13944	15541	14539	16409	16093	14684	12070
Unloaded	27017	27424	36249	39377	37007	42350	49224	47574	45275	43491	53589
SEA-ISLANDS	1092	1268	1275	1323	1276	1418	1495	1851	1548	1720	2060
Other Ports	1092	1268	1275	1323	1276	1418	1495	1851	1548	1720	2060
Overseas	7	51	17	45	48	138	67	56	191	86	160
Coastal	1085	1217	1258	1278	1228	1280	1427	1794	1357	1634	1899
Loaded	205	305	269	279	289	306	321	340	269	344	455
Unloaded	887	963	1006	1044	987	1112	1173	1510	1279	1375	1605
ALL INDIA	933754	972459	1052232	1071762	1133687	1208559	1281780	1319972	1249985	1323801	1435287
Major Ports	545831	555489	581344	605891	648473	679470	699171	704925	672682	720054	784305
Other Ports	387923	416970	470888	465871	485214	529089	582609	615046	577303	603747	650982
Overseas	771758	811105	879563	892559	932569	975542	1E+06	1E+06	952428	1058129	1116311
Coastal	161996	161354	172669	179203	201118	233017	262678	253733	297558	265672	318976
Loaded	283536	278147	295730	276666	322932	344661	357667	384031	408055	434887	607370
Unloaded	650218	694312	756502	795096	810755	863898	924113	935940	841931	888914	827917

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	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
1	2	3	4	5	6	7	8	9	10	11	12
GUJARAT											
Deendayal	63402	61298	69737	78872	81591	81693	85276	88702	82279	87928	94849
Other Ports	203068	227050	239527	238842	245074	260800	281376	293774	273511	279700	291495
Total	266470	288348	309264	317714	326665	342493	366652	382476	355790	367628	386344
Overseas	244380	265200	288934	298482	302649	315733	336719	351239	327947	336066	355933
Coastal	22090	23148	20330	19232	24016	26760	29934	31237	27844	31562	30411
MAHARASHTRA											
Mumbai	47824	50331	53141	54076	54612	55046	53683	51773	35938	40702	45898
J. L. Nehru	33692	31233	34553	35359	34982	37362	39361	40962	35250	40533	46531
Other Ports	20389	21899	22950	24474	29010	31951	36245	36904	32787	37796	51818
Total	101905	103463	110644	113909	118604	124359	129289	129638	103975	119031	144247
Overseas	82376	78836	83045	91276	87803	84403	88756	90579	77827	89958	103650
Coastal	19529	24627	27599	22633	30801	39956	40533	39060	26147	29073	40596
GOA											
Mormugao	9070	9405	11381	15369	15848	14449	13318	12871	12526	12439	13827
Other Ports	113	284	413	170	15	10	3	0	0	5	4
Total	9183	9689	11794	15539	15863	14459	13321	12871	12526	12444	13831
Overseas	8560	9166	11110	14806	15030	13398	10833	11481	11138	11176	12743
Coastal	623	523	684	733	833	1061	2488	1390	1388	1268	1088
KARNATAKA											
New Mangalore	27322	29254	28326	27981	31124	32243	32794	29260	27890	28456	31893
Other Ports	296	390	348	457	516	600	765	821	486	375	486
Total	27618	29644	28674	28438	31640	32843	33559	30081	28376	28831	32379
Overseas	23517	26021	25860	25662	26110	25161	26719	21848	20745	21077	25043
Coastal	4101	3623	2814	2776	5530	7682	6840	8233	7630	7754	7336
KERALA											
Cochin	16012	16696	17536	18182	20248	23363	25375	27306	24468	26024	27921
Other Ports	16	18	56	28	22	12	96	38	17	134	8
Total	16028	16714	17592	18210	20270	23375	25471	27344	24484	26158	27929
Overseas	10799	10611	12322	12147	14595	17444	18453	20132	17201	19127	20185
Coastal	5229	6103	5270	6063	5675	5931	7017	7212	7283	7031	7744
TAMIL NADU											
V.O.Chidambaran:	19854	20978	23993	27367	27997	26171	24152	25823	22531	24434	28842
Chennai	34374	32533	33688	32537	33332	34210	35679	30441	27660	29970	32284
Kamarajar	16146	24922	27664	29602	27547	27829	31506	28220	22867	31838	35370.8
Other Port	574	549	599	569	844	607	638	4689	3288	3953	5217
Total	70948	78982	85944	90075	89720	88817	91975	89173	76346	90195	101714
Overseas	51749	57761	63866	62830	64312	59107	61073	64702	51483	59577	68312
Coastal	19199	21221	22078	27245	25408	29710	30901	24470	24863	30618	33402

Table 3.1.3
(Contd...)

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

(’000 Tonnes)

Port/State/Type of Traffic	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
1	2	3	4	5	6	7	8	9	10	11	12
PONDICHERRY											
Other Ports	6436	5938	4821	5836	8401	7431	7900	9457	6580	5078	9775
Total	6436	5938	4821	5836	8401	7431	7900	9457	6580	5078	9775
Overseas	6436	5938	4499	5569	7638	7275	6510	7778	5229	3800	4298
Coastal	-	-	322	267	763	156	1390	1679	1351	1278	5477
ANDHRA PRADESH											
Visakhapatnam	35274	33683	38760	39586	37281	41146	44295	47353	39251	40303	46954
Other Ports	40603	46567	72957	63179	55850	68938	84206	76885	66111	66980	81458
Total	75877	80250	111717	102765	93131	110084	128501	124238	105362	107283	128412
Overseas	66651	71265	100759	90310	81319	99300	113415	109349	93300	92703	106905
Coastal	9226	8985	10958	12455	11812	10784	15086	14890	12062	14580	21507
ODISHA											
Paradip	39116	40672	46265	48230	53887	61502	63278	60423	57553	59303	67769
Other Ports	8733	10225	14051	13954	14580	15074	13772	21155	24186	28100	26960
Total	47849	50897	60316	62184	68467	76576	77050	81578	81739	87403	94729
Overseas	45581	48734	58440	60574	67802	75710	75624	80181	79912	85364	92333
Coastal	2268	2163	1876	1610	665	865	1426	1397	1827	2039	2395
WEST BENGAL											
SMP (KDS)	6471	6711	26432	10541	10118	10632	11598	10584	9694	8114	10592
SMP (HDC)	20546	20713	9817	28836	26889	31718	37626	36990	35581	35677	42997
Other Ports	0	0	0	0	0	0	0	0	0	0	0
Total	27017	27424	36249	39377	37007	42350	49224	47574	45275	43791	53589
Overseas	24528	25073	31875	35293	33253	36358	42355	40680	41512	39981	50117
Coastal	2489	2351	4374	4084	3754	5992	6869	6894	3763	3810	3472
SEA-ISLAND											
Other Ports	887	963	1006	1044	987	1111	1173	1510	1279	1375	1639
Total	887	963	1006	1044	987	1111	1173	1510	1279	1375	1639
Overseas	7	51	17	45	48	138	67	56	191	86	160
Coastal	880	912	989	999	939	973	1106	1454	1088	1290	1478
ALL INDIA											
MAJOR PORTS	369103	378429	421293	446538	455456	477363	497941	490708	433487	465721	525727
Other Ports	281115	313883	356728	348553	355299	386535	426172	445233	408243	423496	468859
Total	650218	692312	778021	795091	810755	863898	924113	935940	841731	889218	994586
Overseas	564584	598656	680727	696994	700559	734027	780525	798025	726485	758916	839679
Coastal	85634	93656	97294	98097	110196	129871	143588	137915	115246	130302	154907

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

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

Table 3.1.4

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

Port / State	('000 Tonnes)										
	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
1	2	3	4	5	6	7	8	9	10	11	12
GUJARAT											
Deendayal	30217	25707	22760	20586	23851	28406	30125	33904	35287	39172	42712
Other Ports	84749	82895	96568	100936	100665	109969	117821	118018	114061	125693	124863
Total	114966	108602	119328	121522	124516	138375	147946	151922	149348	164865	167575
Overseas	87861	94805	99186	98934	102962	112180	115865	119513	122529	134896	136281
Coastal	27105	13797	20142	22588	21554	26195	32080	32409	26819	29969	31294
MAHARASHTRA											
Mumbai	10214	8853	8519	7043	8517	7856	6951	8923	17385	19189	17710
J. L. Nehru	30796	31100	29248	28668	27169	28642	31345	27487	29560	35463	37331
Other Ports	3809	2765	4345	4375	5884	5955	9542	6757	7058	14679	19439
Total	44819	42718	42112	40086	41570	42453	47838	43168	54003	69331	74479
Overseas	37050	37118	33646	32076	30265	31387	33352	31334	32880	43153	43678
Coastal	7769	5600	8466	8010	11305	11066	14486	11833	21123	26178	30801
GOA											
Mormugao	8668	2334	3330	5407	17333	12448	4365	3146	9462	6017	3507
Other Ports	3276	0	347	260	102	62	12	8	35	22	4
Total	11944	2334	3677	5667	17435	12510	4377	3154	9497	6039	3511
Overseas	11813	2132	3140	5299	17107	11778	4049	2974	9440	5167	2858
Coastal	131	202	537	368	328	732	328	180	57	872	653
KARNATAKA											
New Mangalore	9714	10111	8240	7601	8812	9816	9714	9884	8610	10839	9524
Other Ports	314	119	303	378	191	80	280	114	299	412	571
Total	10028	10230	8543	7979	9003	9896	9993	9998	8909	11252	10095
Overseas	7744	7828	6248	5326	5980	7009	8533	7855	5711	8857	8269
Coastal	2284	2402	2295	2653	3023	2887	1461	2143	3198	2394	1825
KERALA											
Cochin	3833	4190	4059	3913	4759	5780	6646	6732	7036	8527	7335
Other Ports	80	72	103	116	119	126	126	118	96	6	101
Total	3913	4262	4162	4029	4878	5906	6772	6850	7132	8533	7436
Overseas	2437	2499	2418	2637	3349	3048	2631	2808	3202	3587	2965
Coastal	1476	1763	1744	1392	1529	2858	4141	4042	3930	4945	4472
TAMIL NADU											
V.O.Chidambanar	8406	7664	8421	9482	10466	10412	10190	10253	9259	9685	9199
Chennai	19030	18572	18853	17521	16882	17671	17333	16317	15893	18594	16665
Kamarajar	1739	2415	2587	2604	2473	2618	2992	3526	3022	6904	8136
Other Ports	359	317	226	287	308	496	323	6681	4119	3888	4654
Total	29534	28968	30087	29894	30129	31197	30838	36777	32293	39071	38654
Overseas	27760	27175	28645	27602	27143	27645	27242	33654	26479	35100	35499
Coastal	1774	1793	1442	2292	2986	3552	3596	3123	5814	3971	3156

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

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

(’000 Tonnes)

Port / State	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	
	1	2	3	4	5	6	7	8	9	10	11	12
PONDICHERRY												
Other Ports	473	343	137	138	711	691	470	644	750	761	345	
Total	473	343	137	138	711	691	470	644	750	761	345	
Overseas	431	306	89	138	26	689	55	3	111	281	31	
Coastal	42	37	48	0	685	2	415	641	638	479	314	
ANDHRA PRADESH												
Visakhapatnam	23764	24821	19244	17449	23739	22391	21006	25369	30592	28727	26796	
Other Ports	11208	12125	10461	9554	13753	17347	19128	23019	23525	21004	19974	
Total	34972	36946	29705	27003	37492	39738	40134	48388	54117	49731	46770	
Overseas	20560	21989	16737	14509	20532	23341	23216	28913	37327	30202	26089	
Coastal	14412	14957	12968	12494	16960	16397	16918	19476	16790	19528	20680	
ODISHA												
Paradip	17436	27331	24746	28167	35072	40526	46025	52267	56996	56830	67592	
Other Ports	2335	4146	1401	995	7893	7521	8414	14114	18847	13443	11751	
Total	19771	31477	26147	29162	42965	48047	54439	66380	75843	70273	79343	
Overseas	2386	8270	1791	1346	14182	13336	13328	28403	43445	27253	20065	
Coastal	17385	23207	24356	27816	28783	34711	41110	37977	32398	43020	59278	
WEST BENGAL												
KDS	5373	6164	4578	6241	6692	6758	6953	6719	6206	7184	6459	
HDC	7538	7798	5466	4671	7252	8783	7586	9690	9887	7200	5611	
Other Ports	-	-	-	-	-	-	-	-	-	-	-	
Total	12911	13962	10044	10912	13944	15541	14539	16409	16093	14384	12070	
Overseas	9132	10327	6936	7689	10465	11100	10307	12757	14206	12393	10199	
Coastal	3779	3635	3108	3223	3479	4441	4232	3652	1887	1992	1871	
SEA-ISLANDS												
Other Ports	205	305	269	279	289	306	321	340	269	344	455	
Total	205	305	269	279	289	306	321	340	269	344	455	
Overseas	-	-	0	0	0	0	0	0	0	0	0	
Coastal	205	305	269	279	289	306	321	340	269	344	455	
ALL INDIA												
Major Ports	176728	177060	160051	159353	193017	202107	201230	214217	239195	254332	258577	
Other Ports	106808	103087	114160	117318	129915	142553	156436	169814	169060	180251	182157	
Total	283536	280147	274211	276671	322932	344661	357666	384030	408255	434583	440734	
Overseas	207174	212449	198836	195556	232011	241513	238577	268214	295331	300889	285934	
Coastal	76362	67698	75375	81115	90921	103148	119089	115817	112924	133694	154800	

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

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

Table 3.2.1

Trend in Total Traffic Handled at Major Ports

(Million Tonnes)

Year	Overseas			Coastal			Overseas & Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
1990-91	59.02	43.63	102.65	26.07	22.95	49.02	85.09	66.58	151.67
1991-92	59.91	44.89	104.80	26.66	25.18	51.84	86.57	70.07	156.64
1992-93	74.09	43.28	117.37	24.35	24.78	49.13	98.44	68.06	166.50
1993-94	76.02	53.48	129.50	24.81	24.71	49.52	100.83	78.19	179.02
1994-95	83.60	52.18	135.78	29.60	30.51	60.11	113.20	82.69	195.89
1995-96	94.86	57.24	152.10	31.79	31.32	63.11	126.65	88.56	215.21
1996-97	102.84	57.77	160.61	36.37	30.28	66.65	139.21	88.05	227.26
1997-98	117.43	62.25	179.68	38.55	33.43	71.98	155.98	95.68	251.66
1998-99	124.99	55.03	180.02	39.54	32.18	71.72	164.53	87.21	251.74
1999-00	133.80	56.63	190.43	49.92	31.62	81.54	183.72	88.25	271.97
2000-01	127.20	66.20	193.40	51.55	36.18	87.73	178.75	102.38	281.13
2001-02	130.12	76.77	206.89	47.03	33.66	80.69	177.15	110.43	287.58
2002-03	133.83	93.52	227.35	48.21	37.99	86.20	182.04	131.51	313.55
2003-04	148.13	110.66	258.79	48.53	37.48	86.01	196.66	148.14	344.80
2004-05	169.42	126.20	295.62	47.02	41.12	88.14	216.44	167.32	383.76
2005-06	199.48	133.64	333.12	44.22	46.23	90.45	243.70	179.87	423.57
2006-07	225.55	143.26	368.81	52.57	42.40	94.97	278.12	185.66	463.78
2007-08	253.16	165.76	418.92	57.49	42.90	100.39	310.65	208.66	519.31
2008-09	260.97	166.49	427.46	57.70	45.65	103.34	318.67	212.14	530.80
2009-10	286.50	167.52	454.02	58.93	48.14	107.07	345.43	215.66	561.09
2010-11	296.31	168.86	465.17	55.64	49.28	104.92	351.95	218.14	570.09
2011-12	306.76	147.80	454.56	55.98	49.65	105.63	362.74	197.45	560.19
2012-13	315.20	123.63	438.83	53.90	53.10	107.01	369.10	176.73	545.83
2013-14	318.66	122.18	440.83	59.77	54.89	114.66	378.43	177.06	555.49
2014-15	355.63	106.24	461.87	65.67	53.81	119.48	421.29	160.05	581.34
2015-16	379.70	101.03	480.72	66.84	58.33	125.17	446.54	159.35	605.89
2016-17	381.07	133.00	514.07	74.39	60.02	134.40	455.46	193.02	648.47
2017-18	391.24	133.49	524.73	86.13	68.61	154.74	477.36	202.10	679.47
2018-19	407.71	125.10	532.81	90.23	76.13	166.36	497.94	201.23	699.17
2019-20	407.44	137.73	545.16	83.27	76.49	159.76	490.71	214.22	704.93
2020-21	366.73	158.60	525.34	66.75	80.59	147.35	433.49	239.20	672.68
2021-22	392.43	156.30	548.73	73.29	98.03	171.32	465.72	254.33	720.05
2022-23	450.75	148.83	599.58	74.97	109.75	184.72	525.72	258.58	784.30

Source: Major Ports

Table 3.2.2

Trend in Port-wise Cargo Traffic Handled at Major Ports

(In Million Tonnes)

Year	P O R T S												Total
	Deen dayal	Mumbai	J.L. Nehru	Mormugao	New Mangalore	Cochin	V. O. Chidambanar	Chennai	Kamarajar	Visakhapatnam	Paradip	SMP (Kolkata/Haldia)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1990-91	19.69	28.90	2.02	14.91	8.02	7.28	5.08	24.52	-	19.42	6.88	14.95	151.67
1991-92	21.00	26.26	2.79	15.10	8.27	7.48	5.87	25.05	-	21.52	7.30	16.00	156.64
1992-93	22.91	28.95	3.01	16.31	7.09	7.98	6.22	25.33	-	22.76	7.60	18.34	166.50
1993-94	24.50	30.51	3.38	18.72	8.63	7.62	6.70	26.54	-	25.59	8.33	18.50	179.02
1994-95	26.50	30.67	5.01	18.88	8.01	8.63	8.04	29.46	-	30.03	10.12	20.54	195.89
1995-96	30.34	33.92	6.87	18.09	8.88	11.50	9.29	30.72	-	32.82	11.26	21.52	215.21
1996-97	33.73	33.73	8.07	17.31	12.45	11.74	9.18	31.85	-	34.50	11.58	23.12	227.26
1997-98	38.90	32.10	8.90	21.18	15.28	12.32	9.98	35.53	-	36.01	13.30	28.16	251.66
1998-99	40.64	30.97	11.72	18.02	14.21	12.68	10.15	35.20	-	35.65	13.11	29.39	251.74
1999-00	46.30	30.41	14.98	18.23	17.60	12.84	9.99	37.44	-	39.51	13.64	31.03	271.97
2000-01	36.74	27.06	18.58	19.63	17.89	13.14	12.28	41.22	-	44.69	19.90	30.00	281.13
2001-02	37.73	26.43	22.52	22.93	17.50	12.06	13.02	36.12	3.40	44.34	21.13	30.40	287.58
2002-03	40.63	26.80	26.84	23.65	21.43	13.02	13.29	33.69	8.49	46.01	23.90	35.80	313.55
2003-04	41.52	30.00	31.19	27.87	26.67	13.57	13.68	36.71	9.28	47.74	25.31	41.26	344.80
2004-05	41.55	35.19	32.81	30.66	33.89	14.10	15.81	43.81	9.48	50.15	30.10	46.21	383.76
2005-06	45.91	44.19	37.84	31.69	34.45	13.89	17.14	47.25	9.16	55.80	33.11	53.14	423.57
2006-07	52.98	52.36	44.82	34.24	32.04	15.26	18.00	53.41	10.71	56.39	38.52	55.05	463.78
2007-08	64.92	57.04	55.84	35.13	36.02	15.81	21.48	57.15	11.56	64.60	42.44	57.33	519.31
2008-09	72.22	51.88	57.30	41.68	36.69	15.49	22.01	57.49	11.50	63.91	46.41	54.22	530.80
2009-10	79.50	54.54	60.76	48.85	35.53	17.43	23.79	61.06	10.70	65.50	57.01	46.42	561.09
2010-11	81.88	54.59	64.32	50.06	31.55	17.87	25.73	61.46	11.01	68.04	56.04	47.54	570.09
2011-12	82.50	56.19	65.73	39.05	32.94	20.09	28.11	55.71	14.96	67.42	54.25	43.25	560.19
2012-13	93.62	58.04	64.49	17.74	37.04	19.85	28.26	53.40	17.89	59.04	56.55	39.93	545.83
2013-14	87.01	59.18	62.33	11.74	39.37	20.89	28.64	51.11	27.34	58.50	68.00	41.39	555.49
2014-15	92.50	61.66	63.80	14.71	36.57	21.60	32.41	52.54	30.25	58.00	71.01	46.29	581.34
2015-16	99.46	61.12	64.03	20.78	35.58	22.10	36.85	50.06	32.21	57.03	76.40	50.29	605.89
2016-17	105.44	63.13	62.15	33.18	39.94	25.01	38.46	50.21	30.02	61.02	88.96	50.95	648.47
2017-18	110.10	62.90	66.00	26.90	42.06	29.14	36.58	51.88	30.45	63.54	102.03	57.89	679.47
2018-19	115.40	60.63	70.71	17.68	42.51	32.02	34.34	53.01	34.50	65.30	109.30	63.76	699.17
2019-20	122.61	60.70	68.45	16.02	39.15	34.04	36.08	46.76	31.75	72.72	112.69	63.98	704.93
2020-21	117.57	53.32	64.81	21.99	36.50	31.50	31.79	43.55	25.89	69.84	114.55	61.37	672.68
2021-22	127.10	59.89	76.00	18.46	39.30	34.55	34.12	48.56	38.74	69.03	116.13	58.18	720.05
2022-23	137.56	63.61	83.86	17.33	41.42	35.26	38.04	48.95	43.51	73.75	135.36	65.66	784.30

Source : Major Ports

Table 3.2.3

Commodity-wise Cargo Traffic Handled at Major Ports

('000 Tonnes)

Year	POL (Crude & Products)	Fertiliser	Fertiliser Raw Material	Iron Ore	Coal	Food-grains	Others	Total
1	2	3	4	5	6	7	8	9
ALL PORTS								
1990-91	64004	2879	6064	31904	19659	1528	25627	151665
1991-92	67625	3153	6767	32101	22403	1539	23056	156644
1992-93	73959	3595	6318	29827	24488	2795	25515	166497
1993-94	77265	4183	5291	34096	26806	1964	29414	179019
1994-95	80753	4334	6667	34354	30798	1343	37641	195890
1995-96	90923	5727	6628	34562	33790	3852	39726	215208
1996-97	97854	3298	6633	33260	37530	3269	45413	227257
1997-98	104393	4797	7614	39611	42295	2904	50044	251658
1998-99	107574	4717	7837	34547	43605	3653	49805	251738
1999-00	117674	5641	8207	36382	43193	3003	57867	271967
2000-01	108382	3029	10305	40458	54524	1978	62455	281131
2001-02	103278	3492	10480	45764	51253	3914	69400	287581
2002-03	109570	2881	10285	50556	53040	8538	78683	313553
2003-04	122161	2855	8941	58853	54896	6839	90254	344799
2004-05	126441	3846	10670	76201	60647	3838	102112	383755
2005-06	142094	6624	10676	79217	68827	2133	113997	423568
2006-07	145878	7929	11139	80585	64634	4930	148687	463782
2007-08	167435	11874	6405	92298	68665	2990	169646	519313
2008-09	174203	12171	6106	92669	76925	2401	166329	530804
2009-10	174861	10941	6790	100892	71786	1196	178895	545361
2010-11	179882	12367	8431	87686	75146	1915	204659	570086
2011-12	173851	12218	8186	60719	78776	3279	223158	560187
2012-13	180725	7469	7328	27289	86804	6597	229619	545831
2013-14	180507	6148	7635	23037	93112	4794	240256	555489
2014-15	166657	7935	8463	16227	118360	3084	260608	581334
2015-16	186360	8493	7530	15315	134056	2373	251764	605891
2016-17	200225	7043	7014	41765	126177	6504	259745	648473
2017-18	213261	7523	7529	41170	126725	2396	280866	679470
2018-19	220945	8428	6986	38814	137481	798	285720	699172
2019-20	221635	9533	6599	55458	118879	404	292416	704925
2020-21	191063	10381	7566	64330	102927	1555	294859	672682
2021-22	203194	7493	8598	52236	123246	7033	318255	720054
2022-23	217917	7888	8278	39191	149950	6955	354127	784305
DEENDAYAL								
1990-91	15062	308	737	...	...	585	2993	19685
1991-92	16503	365	936	...	...	940	2258	21002
1992-93	17951	448	945	...	...	600	2966	22910
1993-94	18157	824	1043	...	...	629	3847	24500
1994-95	18898	705	1174	...	...	689	5036	26502
1995-96	21126	676	1102	...	...	2038	5397	30339
1996-97	25061	366	1335	...	...	1951	5017	33730
1997-98	29036	732	1550	...	...	1386	6197	38901
1998-99	30468	588	1629	...	736	1697	5519	40637
1999-00	34612	1020	1746	...	829	1050	7046	46303
2000-01	25094	471	1694	...	624	1273	7585	36741
2001-02	22709	611	2129	...	381	2584	9314	37728
2002-03	23014	516	2429	...	255	5445	8974	40633
2003-04	23625	502	2169	...	244	4804	10179	41523
2004-05	22120	678	2441	...	229	2535	13548	41551
2005-06	24297	1678	2459	2	434	1379	15658	45907
2006-07	29711	2049	1944	234	704	2024	16316	52982
2007-08	38225	3916	160	419	1179	1373	19648	64920
2008-09	45538	5195	298	129	1874	1029	18161	72224
2009-10	46970	4912	788	661	3225	632	22312	79500
2010-11	48426	5807	583	817	3492	674	22081	81880
2011-12	46938	5297	761	991	4225	1291	22998	82501
2012-13	54544	3678	946	925	4438	3783	25305	93619
2013-14	53136	2642	991	586	6350	2732	20568	87005
2014-15	55589	3847	655	1160	9967	2223	19056	92497
2015-16	54994	4362	170	952	15001	812	23167	99458
2016-17	59516	3349	296	735	15555	586	25405	105442
2017-18	60452	3562	142	1371	13787	598	30187	110099
2018-19	58930	4215	30	1479	17177	730	32841	115402
2019-20	61770	4548	66	751	17861	328	37283	122606
2020-21	52866	4918	156	375	19592	1231	38428	117566
2021-22	56301	4340	245	764	20463	5450	39537	127100
2022-23	59912	3810	144	877	21240	5626	45951	137561

Table 3.2.3
(Contd...)

Commodity-wise Cargo Traffic Handled at Major Ports

('000 Tonnes)

Year	POL (Crude & Products)	Fertiliser	Fertiliser Raw Material	Iron Ore	Coal	Food-grains	Others	Total
1	2	3	4	5	6	7	8	9
MUMBAI (a)								
1990-91	19670	46	621	...	-	625	7937	28899
1991-92	19512	37	457	...	-	340	5915	26261
1992-93	20303	39	928	...	-	544	7232	29046
1993-94	20820	57	845	...	-	763	8021	30506
1994-95	18833	70	892	...	-	616	10262	30673
1995-96	21138	105	735	...	-	1209	10729	33916
1996-97	18712	50	673	...	-	114	14178	33727
1997-98	16732	60	818	...	-	24	14463	32097
1998-99	16671	96	806	...	-	30	13367	30970
1999-00	16785	140	749	...	-	141	12597	30412
2000-01	15641	139	561	...	-	186	10536	27063
2001-02	15710	108	552	...	-	123	9940	26433
2002-03	16039	125	339	...	-	163	10130	26796
2003-04	18576	113	406	...	-	129	10771	29995
2004-05	19396	161	413	...	-	224	14993	35187
2005-06	27781	171	424	...	1844	98	13872	44190
2006-07	24281	136	337	...	2533	857	24220	52364
2007-08	37074	102	231	...	2872	532	16227	57038
2008-09	34571	136	210	...	3676	479	12804	51876
2009-10	34538	201	241	...	3815	17	0	38812
2010-11	32990	155	300	...	6368	745	14028	54586
2011-12	30611	230	174	...	4622	894	19655	56186
2012-13	34751	156	356	...	4100	880	17795	58038
2013-14	35980	151	151	...	4221	703	17978	59184
2014-15	35837	172	276	...	4304	683	20388	61660
2015-16	35669	148	291	...	3451	961	20599	61119
2016-17	35761	256	27	...	4204	430	22451	63129
2017-18	36745	225	63	0	2418	0	23451	62902
2018-19	36435	322	108	7266	6405	0	10098	60634
2019-20	37212	323	91	7028	6260	0	9783	60696
2020-21	33226	325	37	7175	4513	0	8047	53324
2021-22	35580	308	162	6739	5378	20	11704	59891
2022-23	36525	304	107	6045	6279	19	14329	63608
J.L.NEHRU								
1990-91	-	516	850	-	...	-	656	2022
1991-92	-	623	820	-	...	-	1351	2794
1992-93	-	588	114	-	...	577	1728	3007
1993-94	-	855	23	-	...	275	2234	3387
1994-95	-	1187	125	-	...	-	3696	5008
1995-96	139	1716	179	648	...	68	4123	6873
1996-97	252	984	363	686	...	380	5404	8069
1997-98	681	881	75	657	...	355	6246	8895
1998-99	1271	796	93	531	...	418	8614	11723
1999-00	1413	627	164	48	...	555	12169	14976
2000-01	1811	246	148	-	...	-	16370	18575
2001-02	1747	265	68	-	-	30	20411	22521
2002-03	1888	95	209	-	-	-	24652	26844
2003-04	1939	95	115	-	-	-	29041	31190
2004-05	2460	-	37	-	-	-	30311	32808
2005-06	2545	-	33	-	-	-	35258	37836
2006-07	2625	-	2	-	-	-	42188	44815
2007-08	2188	-	-	-	-	-	53650	55838
2008-09	4551	-	-	-	-	-	52745	57296
2009-10	4916	-	-	-	-	-	55847	60763
2010-11	5043	-	870	-	-	-	58404	64317
2011-12	4845	-	4	-	-	19	60862	65730
2012-13	4126	-	-	-	-	-	60362	64488
2013-14	4107	-	-	-	-	12	58214	62333
2014-15	3330	-	-	-	-	-	60471	63801
2015-16	3419	-	-	-	-	-	60608	64027
2016-17	3829	-	-	-	-	-	58323	62152
2017-18	4013	-	-	-	-	-	61991	66004
2018-19	3999	0	0	0	0	0	66707	70706
2019-20	3018	0	0	0	0	0	65431	68449
2020-21	2550	0	0	0	0	0	62259	64809
2021-22	2136	0	0	0	0	0	73860	75996
2022-23	2299	0	0	0	0	0	81562	83861

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

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

('000 Tonnes)

Year	POL (Crude & Products)	Fertiliser	Fertiliser Raw Material	Iron Ore	Coal	Food-grains	Others	Total
1	2	3	4	5	6	7	8	9
MORMUGAO								
1990-91	1369	166	148	12986	34	-	208	14911
1991-92	1865	127	251	12517	31	-	308	15099
1992-93	1784	244	204	13601	107	4	370	16314
1993-94	2098	141	135	15748	109	11	475	18717
1994-95	1938	70	191	15693	413	-	576	18881
1995-96	1911	56	174	14923	565	-	466	18095
1996-97	1218	39	214	14635	386	-	820	17312
1997-98	1134	43	225	18701	487	-	592	21182
1998-99	1047	86	155	15101	674	-	957	18020
1999-00	1143	112	154	14831	1219	-	767	18226
2000-01	1089	124	138	15663	1927	-	687	19628
2001-02	1153	159	274	17966	2725	-	651	22928
2002-03	1128	156	341	18666	2517	-	841	23649
2003-04	1321	129	389	22943	2397	-	695	27874
2004-05	1010	172	407	24717	3711	-	642	30659
2005-06	833	228	377	25314	4125	-	811	31688
2006-07	786	226	394	26741	5091	-	1003	34241
2007-08	874	192	-	27329	4244	-	2489	35128
2008-09	1038	182	-	33809	4556	-	2096	41681
2009-10	964	125	-	40574	4741	-	2443	48847
2010-11	939	232	-	40625	6566	-	1698	50060
2011-12	923	93	-	29370	6832	-	1831	39049
2012-13	823	78	-	7421	7374	60	1982	17738
2013-14	527	179	-	44	7518	44	3427	11739
2014-15	571	227	-	858	8568	-	4487	14711
2015-16	559	223	-	3965	11535	-	4494	20776
2016-17	627	199	-	15053	10980	0	6322	33181
2017-18	629	182	0	10259	10513	0	5314	26897
2018-19	600	268	0	1653	10274	0	4888	17683
2019-20	658	52	0	1723	9448	0	4136	16017
2020-21	410	163	0	7010	9149	0	5256	21988
2021-22	497	63	0	3552	9163	0	5181	18456
2022-23	609	94	0	2284	10216	0	4131	17334
NEW MANGALORE								
1990-91	612	83	99	6125	-	-	1103	8022
1991-92	622	141	175	6493	-	-	843	8274
1992-93	630	241	115	5082	-	258	762	7088
1993-94	646	106	130	7060	-	19	669	8630
1994-95	742	87	162	6080	-	-	934	8005
1995-96	957	205	115	6639	41	-	927	8884
1996-97	5069	222	163	5945	19	106	929	12453
1997-98	6963	242	203	6536	99	325	914	15282
1998-99	7188	175	215	5334	61	368	865	14206
1999-00	9161	172	217	6387	117	315	1232	17601
2000-01	10918	198	252	5111	220	-	1192	17891
2001-02	9897	248	198	5783	233	-	1142	17501
2002-03	13450	249	152	6139	236	-	1204	21430
2003-04	17954	238	111	5414	93	15	2848	26673
2004-05	21434	354	215	10275	315	10	1288	33891
2005-06	22392	662	227	9307	513	7	1343	34451
2006-07	21868	972	286	6248	1047	88	1533	32042
2007-08	21782	831	9	9264	1691	57	2385	36019
2008-09	21328	905	13	9774	1929	111	2631	36691
2009-10	21339	820	13	7062	2810	161	3323	35528
2010-11	21551	784	4	3744	2856	116	2495	31550
2011-12	22245	804	21	3036	4022	58	2755	32941
2012-13	22538	519	17	2616	6911	204	4231	37036
2013-14	22792	454	50	1465	8348	117	6139	39365
2014-15	21471	658	83	1517	8178	7	4652	36566
2015-16	21966	732	79	454	6370	27	5954	35582
2016-17	23032	408	80	2947	6920	248	6301	39936
2017-18	22509	563	130	4903	6697	51	7206	42059
2018-19	23637	365	160	4624	5390	1	8331	42508
2019-20	20104	518	123	4988	10	1	13401	39145
2020-21	19109	779	73	4729	94	0	11716	36500
2021-22	20549	408	141	5152	201	0	12845	39296
2022-23	24040	535	77	2832	689	30	13214	41417

Table 3.2.3
(Contd...)

Commodity-wise Cargo Traffic Handled at Major Ports

('000 Tonnes)

Year	POL (Crude & Products)	Fertiliser	Fertiliser Raw Material	Iron Ore	Coal	Food-grains	Others	Total
1	2	3	4	5	6	7	8	9
COCHIN								
1990-91	5804	181	684	...	-	40	566	7275
1991-92	5881	148	821	...	-	19	612	7481
1992-93	6222	136	800	...	-	90	730	7978
1993-94	6101	39	704	...	-	-	776	7620
1994-95	6635	95	816	...	-	-	1085	8631
1995-96	9416	194	803	...	-	9	1081	11503
1996-97	9218	194	786	...	119	32	1393	11742
1997-98	9613	160	688	...	141	164	1557	12323
1998-99	9665	72	683	...	157	289	1815	12681
1999-00	9885	53	616	...	156	98	2033	12841
2000-01	9681	28	594	...	176	12	2653	13144
2001-02	8588	107	539	...	92	11	2722	12059
2002-03	9368	97	534	...	187	18	2820	13024
2003-04	9960	101	403	...	142	-	2966	13572
2004-05	10277	71	495	...	210	-	3050	14103
2005-06	9641	81	646	...	199	-	3321	13888
2006-07	10475	79	560	...	219	184	3740	15257
2007-08	11300	83	271	27	246	6	3877	15810
2008-09	10492	193	265	...	259	-	4285	15494
2009-10	11938	135	211	...	148	-	4997	17429
2010-11	12121	76	353	...	40	-	5283	17873
2011-12	14084	115	315	...	34	-	5542	20090
2012-13	14027	22	331	...	28	-	5437	19845
2013-14	14321	36	271	...	...	...	6258	20886
2014-15	14017	68	377	...	98	...	7035	21595
2015-16	13773	22	230	...	88	95	7887	22095
2016-17	15740	17	235	...	44	174	8797	25007
2017-18	18664	35	188	0	44	0	10212	29143
2018-19	21340	15	218	0	43	0	10405	32021
2019-20	22346	22	184	0	0	0	11486	34038
2020-21	18553	0	256	0	0	0	12695	31503
2021-22	21067	0	319	0	0	0	13165	34551
2022-23	21267	0	171	0	0	0	13818	35256
V.O.Chidambaranar								
1990-91	470	288	327	...	2635	110	1245	5075
1991-92	496	302	442	...	3116	75	1437	5868
1992-93	510	378	431	...	3162	189	1545	6215
1993-94	463	205	209	...	3937	29	1857	6700
1994-95	417	221	463	...	4495	-	2445	8041
1995-96	434	412	376	...	5620	16	2428	9286
1996-97	466	259	364	...	5493	131	2461	9174
1997-98	459	512	711	...	5578	146	2568	9974
1998-99	441	413	849	...	5204	194	3049	10150
1999-00	532	423	791	...	4163	196	3888	9993
2000-01	460	332	884	...	6293	149	4166	12284
2001-02	430	284	776	8	5997	405	5117	13017
2002-03	492	147	880	-	5539	704	5532	13294
2003-04	558	177	853	-	5789	337	5964	13678
2004-05	743	297	944	42	6601	130	7054	15811
2005-06	774	484	1167	-	7240	61	7413	17139
2006-07	626	678	792	-	5608	54	10243	18001
2007-08	464	1098	632	-	6112	443	12731	21480
2008-09	503	1147	677	...	6047	195	13442	22011
2009-10	514	1221	860	41	5603	150	15398	23787
2010-11	741	1171	730	64	5349	80	17592	25727
2011-12	630	1134	891	33	6050	307	19060	28105
2012-13	547	487	572	0	6689	128	19837	28260
2013-14	479	388	790	0	6689	36	20260	28642
2014-15	366	438	1124	46	8305	59	22076	32414
2015-16	475	499	1012	86	14796	378	19603	36849
2016-17	439	604	1037	0	14250	1906	20227	38463
2017-18	466	325	1076	0	9795	1161	23760	36583
2018-19	459	295	490	215	8598	0	24285	34342
2019-20	386	296	599	0	7312	70	27413	36076
2020-21	396	840	504	0	6675	0	23375	31790
2021-22	283	346	763	25	7488	0	25214	34119
2022-23	205	666	739	25	15553	35	20818	38041

Table 3.2.3 (Contd...)

Commodity-wise Cargo Traffic Handled at Major Ports

('000 Tonnes)

Year	POL (Crude & Products)	Fertiliser	Fertiliser Raw Material	Iron Ore	Coal	Food-grains	Others	Total
1	2	3	4	5	6	7	8	9
CHENNAI								
1990-91	8162	501	343	5549	4353	65	5545	24518
1991-92	8649	544	288	5406	5051	77	5031	25046
1992-93	8632	582	271	4838	5588	242	5178	25331
1993-94	9143	858	288	4540	5857	89	5766	26541
1994-95	11942	834	403	5149	6448	10	4678	29464
1995-96	11419	963	374	4951	7530	32	5452	30721
1996-97	11762	520	343	4665	8796	107	5655	31848
1997-98	11585	946	428	6232	10463	162	5715	35531
1998-99	10565	712	441	5445	11944	151	5944	35202
1999-00	10173	731	479	6259	12522	327	6952	37443
2000-01	8896	459	714	7049	14996	164	8942	41220
2001-02	8473	459	533	7482	9656	3	9509	36115
2002-03	8946	420	422	7945	5818	5	10131	33687
2003-04	9200	412	470	8359	5631	20	12618	36710
2004-05	11422	572	459	9615	7511	30	14197	43806
2004-05	13113	701	414	9527	7078	1	16414	47248
2006-07	12987	654	380	10531	3345	661	24856	53414
2007-08	12713	585	266	10781	9698	84	23027	57154
2008-09	13132	516	267	6846	9848	22	26860	57491
2009-10	13321	357	254	8027	3059	-	36039	61057
2010-11	13991	434	337	2114	2023	86	42475	61460
2011-12	13290	394	249	97	961	190	40526	55707
2012-13	13376	190	231	52	0	314	39241	53404
2013-14	12878	160	255	0	0	306	37506	51105
2014-15	12659	272	270	0	0	37	39303	52541
2015-16	11891	61	199	0	0	0	37907	50058
2016-17	12216	62	206	0	0	571	37159	50214
2017-18	13497	28	202	0	0	274	37880	51881
2018-19	13297	26	225	0	0	57	39407	53012
2019-20	13420	248	187	0	0	0	32903	46758
2020-21	10230	135	202	0	0	0	32986	43553
2021-22	11850	0	268	0	0	84	36362	48564
2022-23	14148	0	280	0	0	32	34489	48949
Kamarajar								
2001-02	-	-	-	-	3401	-	-	3401
2002-03	-	-	-	-	8485	-	-	8485
2003-04	-	-	-	-	9277	-	-	9277
2004-05	104	-	-	520	8856	-	-	9480
2005-06	244	-	-	537	8387	-	-	9168
2006-07	188	-	-	1724	8802	-	-	10714
2007-08	319	-	-	2190	9051	-	3	11563
2008-09	366	-	-	1111	9708	-	315	11500
2009-10	395	-	-	936	9279	-	93	10703
2010-11	509	-	-	401	9368	-	731	11009
2011-12	502	-	-	-	13111	-	1343	14956
2012-13	521	-	-	-	14925	-	2439	17885
2013-14	336	-	-	-	10809	-	16192	27337
2014-15	1894	-	-	-	24222	-	4135	30251
2015-16	2443	-	-	-	25612	-	4151	32206
2016-17	2648	-	-	-	23096	-	4276	30020
2017-18	3021	0	0	0	23172	0	4253	30446
2018-19	3233	220	0	0	25003	0	6042	34498
2019-20	2994	99	0	0	20266	0	8387	31746
2020-21	2420	0	0	0	15189	20	8260	25889
2021-22	2571	0	0	0	21133	0	15038	38742
2022-23	2504	0	0	0	24184	0	16819	43507
VISAKHAPATNAM								
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	36554
1999-00	15288	2172	1163	7825	9534	261	3267	39510
2000-01	18336	829	907	9269	12185	173	2986	44685
2001-02	18583	986	1033	9199	10677	703	3163	44344
2002-03	16854	716	902	10433	9958	2196	4947	46006
2003-04	17427	838	941	12378	9392	1453	5307	47736
2004-05	14628	1367	1074	16587	10097	825	5570	50148
2005-06	16941	2295	1329	16170	12167	543	6356	55801
2006-07	18178	2618	1298	14718	11401	980	7192	56385
2007-08	18523	4572	716	18948	10367	486	10985	64597
2008-09	19758	3408	726	17519	11020	527	10950	63908
2009-10	18291	2909	775	18944	11722	226	12634	65501
2010-11	19242	3268	811	19347	11464	203	13706	68041
2011-12	17428	3719	832	16243	10063	517	18618	67420
2012-13	13501	2023	565	12569	9746	1121	19513	59038
2013-14	12960	1819	795	13032	9672	817	19409	58504
2014-15	13129	1838	720	8365	8853	75	25024	58004
2015-16	14873	1996	799	6088	8501	86	24692	57035
2016-17	13051	1886	778	11620	7760	559	25366	61020
2017-18	13057	1953	920	10872	8712	76	27947	63537
2018-19	14861	2126	985	10897	7578	2	28852	65301
2019-20	16098	2059	899	14834	8373	0	30459	72722
2020-21	13675	1957	1076	12643	6118	98	34276	69843
2021-22	12309	1182	1492	14913	7022	613	31499	69030
2022-23	14201	1434	1405	14921	6474	793	34522	73750

Table 3.2.3 (Cont...)

Commodity-wise Cargo Traffic Handled at Major Ports

('000 Tonnes)

Year	POL (Crude & Products)	Fertiliser	Fertiliser Raw Material	Iron Ore	Coal	Food-grains	Others	Total
1	2	3	4	5	6	7	8	9
PARADIP								
1990-91	-	100	508	1748	3614	11	903	6884
1991-92	23	87	773	1524	3954	1	935	7297
1992-93	195	142	647	1346	4542	3	731	7606
1993-94	345	192	534	1518	4845	Neg.	893	8327
1994-95	380	125	691	1881	5830	-	1214	10121
1995-96	1066	134	956	1691	5909	20	1483	11259
1996-97	1693	102	699	1381	6513	26	1166	11580
1997-98	1737	116	1066	1435	7852	-	1096	13302
1998-99	2007	26	1127	797	8198	12	941	13108
1999-00	2219	55	1374	1025	7755	-	1208	13636
2000-01	2219	-	3370	2992	10097	-	1222	19900
2001-02	1993	-	3421	3546	10722	-	1449	21131
2002-03	1923	-	3055	4679	11722	-	2522	23901
2003-04	1365	-	2218	5934	14037	-	1757	25311
2004-05	839	-	3418	9051	14209	-	2587	30104
2005-06	910	-	2496	10273	16287	-	3143	33109
2006-07	1376	89	4173	11880	17130	-	3869	38517
2007-08	1765	136	3742	12960	15932	-	7902	42437
2008-09	3240	173	3397	14272	20162	-	5168	46412
2009-10	11647	81	3486	16159	19820	-	5818	57011
2010-11	12845	136	4226	13795	19340	-	5696	56038
2011-12	15091	236	4547	6556	21563	-	6261	54254
2012-13	16467	142	4004	1833	26105	-	8001	56552
2013-14	17702	122	3932	5593	32084	-	8570	68003
2014-15	3550	51	4378	1881	37762	-	23379	71001
2015-16	20567	0	4361	2889	39471	-	9109	76397
2016-17	27695	39	4025	10250	36007	-	10942	88958
2017-18	33776	0	4449	12189	41908	0	9706	102028
2018-19	38098	191	4380	12206	44855	0	9573	109302
2019-20	37329	484	4072	22955	38999	0	8850	112689
2020-21	33118	480	4922	28451	33354	0	14224	114549
2021-22	35126	389	4802	20143	44451	0	11222	116133
2022-23	37806	553	4954	18506	52058	0	21484	135361
SMP (KOLKATA/HALDIA)								
1990-91	7257	231	457	-	4134	92	2782	14953
1991-92	7690	275	479	-	4603	60	2893	16000
1992-93	8940	313	527	-	5068	117	3372	18337
1993-94	8696	224	288	-	5434	103	3751	18496
1994-95	9731	150	413	-	5841	25	4375	20535
1995-96	10742	162	579	-	5922	107	4003	21515
1996-97	10981	73	559	-	7147	17	4347	23124
1997-98	14337	66	636	-	7741	42	5335	28157
1998-99	15748	119	588	-	7451	133	5348	29387
1999-00	16463	136	754	-	6898	60	6715	31026
2000-01	14237	203	1043	374	8006	21	6116	30000
2001-02	13995	265	957	1780	7369	55	5982	30403
2002-03	16468	360	1022	2694	8323	7	6930	35804
2003-04	20236	250	866	3825	7894	81	8108	41260
2004-05	22008	174	767	5394	8908	84	8872	46207
2005-06	22623	324	1104	8087	10553	44	10408	53143
2006-07	22777	428	973	8509	8754	82	13527	55050
2007-08	22208	359	378	10380	7273	9	16722	57329
2008-09	19686	316	253	9209	7846	38	16872	54220
2009-10	10028	180	162	8488	7564	10	19991	46423
2010-11	11484	304	217	6779	8280	11	20470	47545
2011-12	7264	196	392	4393	7293	3	23707	43248
2012-13	5504	174	306	1873	6488	107	25476	39928
2013-14	5289	197	400	2317	7421	27	25735	41386
2014-15	4244	364	580	2400	8103	0	30602	46293
2015-16	5731	450	389	881	9231	14	33593	50289
2016-17	5671	223	330	1160	7361	2030	34176	50951
2017-18	6432	650	359	1576	9679	236	38959	57891
2018-19	6057	385	390	474	12158	8	44291	63763
2019-20	6301	884	378	3180	10351	5	42884	63983
2020-21	4511	784	340	3947	8243	206	43337	61368
2021-22	4925	457	405	948	7947	866	42627	58175
2022-23	4400	492	401	927	13257	419	45763	65659

Source : Major Ports

Table 3.2.4

Trend in Type-wise Cargo Traffic Handled at Major Ports

(In 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
DEENDAYAL									
1996-97	24360	4331	28691	4907	132	5039	29267	4463	33730
1997-98	29755	3702	33457	5266	178	5444	35021	3880	38901
1998-99	31626	4023	35649	4831	157	4988	36457	4180	40637
1999-00	34700	3402	38102	7935	266	8201	42635	3668	46303
2000-01	26704	4400	31104	5250	387	5637	31954	4787	36741
2001-02	26434	6855	33289	3590	849	4439	30024	7704	37728
2002-03	26865	9377	36242	3394	997	4391	30259	10374	40633
2003-04	27906	9207	37113	3308	1102	4410	31214	10309	41523
2004-05	28328	8655	36983	3678	890	4568	32006	9545	41551
2005-06	31516	9457	40973	4215	719	4934	35731	10176	45907
2006-07	36601	10684	47285	4645	1052	5697	41246	11736	52982
2007-08	43591	14623	58214	4813	1893	6706	48404	16516	64920
2008-09	50663	14014	64677	3537	4010	7547	54200	18024	72224
2009-10	57505	11830	69335	4388	5777	10165	61893	17607	79500
2010-11	57285	15258	72543	3956	5381	9337	61241	20639	81880
2011-12	56374	15987	72361	4038	6102	10140	60412	22089	82501
2012-13	59059	21037	80096	4343	9180	13523	63402	30217	93619
2013-14	58048	18590	76638	3250	7117	10367	61298	25707	87005
2014-15	65844	17451	83295	3893	5309	9202	69737	22760	92497
2015-16	75089	15719	90808	3783	4867	8650	78872	20586	99458
2016-17	77573	20775	98348	4018	3076	7094	81591	23851	105442
2017-18	76549	23145	99694	5144	5261	10405	81693	28406	110099
2018-19	79738	22933	102671	5538	7192	12730	85276	30125	115401
2019-20	81537	24308	105845	7166	9596	16762	88702	33904	122606
2020-21	76694	25721	102414	5586	9566	15152	82279	35287	117566
2021-22	83485	27593	111078	4443	11579	16022	87928	39172	127100
2022-23	90262	31974	122236	4587	10738	15325	94849	42712	137561
Mumbai									
1996-97	18054	6596	24650	316	8761	9077	18370	15357	33727
1997-98	17684	5824	23508	1623	6966	8589	19307	12790	32097
1998-99	17548	5070	22618	1618	6734	8352	19166	11804	30970
1999-00	17512	3922	21434	2879	6099	8978	20391	10021	30412
2000-01	14799	3593	18392	2160	6511	8671	16959	10104	27063
2001-02	14558	3373	17931	2752	5750	8502	17310	9123	26433
2002-03	14588	3464	18052	1821	6923	8744	16409	10387	26796
2003-04	17496	3519	21015	1556	7424	8980	19052	10943	29995
2004-05	19185	4313	23498	3876	7813	11689	23061	12126	35187
2005-06	25249	4222	29471	1618	13101	14719	26867	17323	44190
2006-07	30411	5792	36203	8656	7505	16161	39067	13297	52364
2007-08	31503	5436	36939	13037	7062	20099	44540	12498	57038
2008-09	28210	4591	32801	14705	4370	19075	42915	8961	51876
2009-10	33191	3971	37162	13635	3744	17379	46826	7715	54541
2010-11	34716	4610	39326	11811	3449	15260	46527	8059	54586
2011-12	36536	5393	41929	11240	3017	14257	47776	8410	56186
2012-13	38224	5416	43640	9600	4798	14398	47824	10214	58038
2013-14	35164	5536	40700	15167	3317	18484	50331	8853	59184
2014-15	34043	3657	37700	19098	4862	23960	53141	8519	61660
2015-16	38949	2987	41936	15127	4056	19183	54076	7043	61119
2016-17	31162	3495	34657	23450	5022	28472	54612	8517	63129
2017-18	30592	3575	34167	24454	4281	28735	55046	7856	62902
2018-19	31066	2861	33927	22617	4090	26707	53683	6951	60334
2019-20	31257	3037	34294	20515	5886	26401	51773	8923	60696
2020-21	26601	2981	29582	9337	14404	23742	35938	17385	53324
2021-22	30991	4803	35794	9711	14386	24097	40702	19189	59891
2022-23	36929	4077	41006	8969	13633	22602	45898	17710	63608
J.L.NEHRU									
1996-97	4185	3261	7446	623	0	623	4808	3261	8069
1997-98	5052	3418	8470	321	104	425	5373	3522	8895
1998-99	6553	4257	10810	865	48	913	7418	4305	11723
1999-00	8193	5831	14024	880	72	952	9073	5903	14976
2000-01	9120	7644	16764	1491	320	1811	10611	7964	18575
2001-02	11174	9168	20342	1746	433	2179	12920	9601	22521
2002-03	11237	13415	24652	1431	761	2192	12668	14176	26844
2003-04	12964	15487	28451	1830	909	2739	14794	16396	31190
2004-05	14591	15437	30028	2042	738	2780	16633	16175	32808
2005-06	17442	17485	34927	2074	835	2909	19516	18320	37836
2006-07	20994	21047	42041	2276	498	2774	23270	21545	44815
2007-08	26727	26015	52742	2707	389	3096	29434	26404	55838
2008-09	25880	26241	52121	2286	2889	5175	28166	29130	57296
2009-10	30069	25077	55146	2313	3304	5617	32382	28381	60763
2010-11	31080	27524	58604	2334	3379	5713	33414	30903	64317
2011-12	31647	29049	60696	1571	3463	5034	33218	32512	65730
2012-13	32522	28503	61025	1170	2293	3463	33692	30796	64488
2013-14	29685	28969	58654	1548	2131	3679	31233	31100	62333
2014-15	33102	27366	60468	1451	1882	3333	34553	29248	63801
2015-16	33579	26769	60348	1780	1899	3679	35359	28668	64027
2016-17	32744	25367	58111	2238	1802	4040	34982	27169	62151
2017-18	34788	26874	61661	2575	1768	4343	37362	28642	66004
2018-19	36383	29297	65680	2978	2048	5026	39361	31345	70706
2019-20	37880	26389	64269	3083	1098	4181	40962	27487	68449
2020-21	32502	27602	60104	2747	1958	4705	35249	29560	64809
2021-22	38091	33784	71875	2441	1679	4121	40533	35463	75996
2022-23	43706	35178	78884	2824	2153	4977	46531	37331	83861

Table 3.2.4 (Contd...)

Trend in Type-wise Cargo Traffic Handled at Major Ports

('000 tonnes)

PORT/YEAR	Overseas			Coastal			Overseas & Coastal		
	Un-Loaded	Loaded	Total	Un-Loaded	Loaded	Total	Un-Loaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
MORMUGAO									
1996-97	1156	15260	16416	795	101	896	1951	15361	17312
1997-98	1122	19114	20236	856	90	946	1978	19204	21182
1998-99	1779	15335	17114	781	125	906	2560	15460	18020
1999-00	2278	14784	17062	1019	145	1164	3297	14929	18226
2000-01	2558	15813	18371	1132	125	1257	3690	15938	19628
2001-02	3564	18153	21717	1055	156	1211	4619	18309	22928
2002-03	3379	19076	22455	1001	193	1194	4380	19269	23649
2003-04	3241	23326	26567	1227	80	1307	4468	23406	27874
2004-05	4784	24741	29525	847	287	1134	5631	25028	30659
2005-06	5519	25255	30774	555	359	914	6074	25614	31688
2006-07	6426	26988	33414	624	203	827	7050	27191	34241
2007-08	6547	27539	34086	638	404	1042	7185	27943	35128
2008-09	6395	34255	40650	617	414	1031	7012	34669	41681
2009-10	6870	40429	47299	1022	526	1548	7892	40955	48847
2010-11	8293	40547	48840	907	313	1220	9200	40860	50600
2011-12	8312	29602	37914	820	315	1135	9132	29917	39049
2012-13	8447	8537	16984	623	131	754	9070	8668	17738
2013-14	8882	2132	11014	523	202	725	9405	2334	11739
2014-15	10698	2793	13491	683	537	1220	11381	3330	14711
2015-16	14636	5039	19675	733	368	1101	15369	5407	20776
2016-17	15030	17107	32137	818	226	1044	15848	17333	33181
2017-18	13398	11778	25176	1051	670	1721	14449	12448	26897
2018-19	10833	4049	14882	2485	316	2801	13318	4365	17683
2019-20	11481	2974	14455	1390	172	1562	12871	3146	16017
2020-21	11138	9440	20578	1388	22	1410	12526	9462	21988
2021-22	11176	5167	16343	1263	850	2113	12439	6017	18456
2022-23	12743	2858	15601	1084	649	1733	13827	3507	17334
NEW MANGALORE									
1996-97	4202	5895	10097	277	2079	2356	4479	7974	12453
1997-98	5823	6441	12264	275	2743	3018	6098	9184	15282
1998-99	6581	5120	11701	348	2157	2505	6929	7277	14206
1999-00	7977	5911	13888	476	3237	3713	8453	9148	17601
2000-01	8227	5349	13576	963	3352	4315	9190	8701	17891
2001-02	7324	5720	13044	1433	3024	4457	8757	8744	17501
2002-03	9426	7843	17269	1166	2995	4161	10592	10838	21430
2003-04	10393	11026	21419	2654	2600	5254	13047	13626	26673
2004-05	11277	14207	25484	4235	4172	8407	15512	18379	33891
2005-06	12570	14330	26900	3949	3602	7551	16519	17932	34451
2006-07	13367	11022	24389	4555	3098	7653	17922	14120	32042
2007-08	16693	13255	29948	2932	3139	6071	19625	16394	36019
2008-09	16760	13871	30631	3204	2856	6060	19964	16727	36691
2009-10	17976	10508	28484	3593	3451	7044	21569	13959	35528
2010-11	17515	7305	24820	3551	3179	6730	21066	10484	31550
2011-12	20276	6751	27027	3408	2506	5914	23684	9257	32941
2012-13	23301	7519	30820	4021	2195	6216	27322	9714	37036
2013-14	25734	7711	33445	3520	2400	5920	29254	10111	39365
2014-15	25608	6060	31668	2718	2180	4898	28326	8240	36566
2015-16	25377	5058	30435	2604	2543	5147	27981	7601	35582
2016-17	25815	5902	31717	5309	2910	8219	31124	8812	39936
2017-18	24842	7009	31851	7401	2807	10208	32243	9816	42059
2018-19	26370	8377	34747	6424	1337	7761	32794	9714	42508
2019-20	21279	7828	29107	7981	2056	10037	29260	9884	39144
2020-21	20383	5448	25830	7507	3163	10670	27890	8610	36500
2021-22	20812	8592	29405	7644	2247	9891	28456.32	10839.30	39296
2022-23	24594	7747	32341	7299	1777	9076	31893	9524	41417
COCHIN									
1996-97	4497	1190	5687	4990	1065	6055	9487	2255	11742
1997-98	5447	1038	6485	4334	1504	5838	9781	2542	12323
1998-99	6168	952	7120	4083	1478	5561	10251	2430	12681
1999-00	3490	893	4383	7146	1312	8458	10636	2205	12841
2000-01	6278	1072	7350	4783	1011	5794	11061	2083	13144
2001-02	5815	1214	7029	4279	751	5030	10094	1965	12059
2002-03	7230	1108	8338	3669	1017	4686	10899	2125	13024
2003-04	8174	1656	9830	2844	898	3742	11018	2554	13572
2004-05	8324	2027	10351	2626	1126	3752	10950	3153	14103
2005-06	8007	1785	9792	2961	1135	4096	10968	2920	13888
2006-07	8913	1903	10816	2872	1569	4441	11785	3472	15257
2007-08	8529	2130	10659	3660	1491	5151	12189	3621	15810
2008-09	9343	1747	11090	3440	964	4404	12783	2711	15494
2009-10	9570	2314	11884	4264	1281	5545	13834	3595	17429
2010-11	10226	2924	13150	3734	989	4723	13960	3913	17873
2011-12	10563	2737	13300	5212	1578	6790	15775	4315	20090
2012-13	10799	2429	13228	5213	1404	6617	16012	3833	19845
2013-14	10609	2499	13108	6087	1691	7778	16696	4190	20886
2014-15	12322	2411	14733	5214	1648	6862	17536	4059	21595
2015-16	12141	2627	14768	6041	1286	7327	18182	3913	22095
2016-17	14592	3342	17934	5656	1417	7073	20248	4759	25007
2017-18	17444	3042	20486	5919	2738	8657	23363	5780	29143
2018-19	18451	2627	21078	6924	4019	10943	25375	6646	32021
2019-20	20131	2808	22939	7175	3924	11099	27306	6732	34038
2020-21	17201	3202	20403	7267	3834	11100	24468	7036	31503
2021-22	19127	3587	22714	6897	4940	11837	26024	8527	34551
2022-23	20185	2965	23150	7736	4370	12106	27921	7335	35256

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

Trend in Type-wise Cargo Traffic Handled at Major Ports

(*000 tonnes)

PORT/YEAR	Overseas			Coastal			Overseas & Coastal		
	Un-Loaded	Loaded	Total	Un-Loaded	Loaded	Total	Un-Loaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
V.O. CHIDAMBARANAR									
1996-97	1734	1545	3279	5877	18	5895	7611	1563	9174
1997-98	2791	1542	4333	5623	18	5641	8414	1560	9974
1998-99	3341	1629	4970	5144	36	5180	8485	1665	10150
1999-00	3732	2029	5761	4202	30	4232	7934	2059	9993
2000-01	3654	2396	6050	6185	49	6234	9839	2445	12284
2001-02	4094	3147	7241	5717	59	5776	9811	3206	13017
2002-03	3950	3690	7640	5614	40	5654	9564	3730	13294
2003-04	4281	3410	7691	5903	84	5987	10184	3494	13678
2004-05	6024	3665	9689	6036	86	6122	12060	3751	15811
2005-06	6509	3656	10165	6866	108	6974	13375	3764	17139
2006-07	7695	4302	11997	5807	197	6004	13502	4499	18001
2007-08	9824	5515	15339	5648	493	6141	15472	6008	21480
2008-09	11242	5070	16312	5128	571	5699	16370	5641	22011
2009-10	12870	4414	17284	5782	721	6503	18652	5135	23787
2010-11	12706	6585	19291	5688	748	6436	18394	7333	25727
2011-12	13404	7948	21352	6157	596	6753	19561	8544	28105
2012-13	13273	7466	20739	6581	940	7521	19854	8406	28260
2013-14	15412	6598	22010	5566	1066	6632	20978	7664	28642
2014-15	18891	7569	26460	5102	852	5954	23993	8421	32414
2015-16	21180	8291	29471	6187	1191	7378	27367	9482	36849
2016-17	22254	8719	30973	5743	1747	7490	27997	10466	38463
2017-18	18359	8252	26611	7812	2160	9972	26171	10412	36583
2018-19	16025	8048	24073	8127	2142	10269	24152	10190	34342
2019-20	19068	8304	27371	6755	1950	8705	25823	10254	36076
2020-21	14135	7001	21136	8396	2258	10654	22531	9259	31790
2021-22	15458	8106	23564	8976	1579	10555	24434	9685	34119
2022-23	17761	7709	25470	11081	1491	12572	28842	9199	38041
CHENNAI									
1996-97	11603	8728	20331	10330	1187	11517	21933	9915	31848
1997-98	12730	10455	23185	11299	1047	12346	24029	11502	35531
1998-99	12431	9217	21648	12660	894	13554	25091	10111	35202
1999-00	12950	9826	22776	13488	1179	14667	26438	11005	37443
2000-01	13187	11567	24754	15733	733	16466	28920	12300	41220
2001-02	12682	11952	24634	10458	1023	11481	23140	12975	36115
2002-03	12003	13117	25120	7603	964	8567	19606	14081	33687
2003-04	13807	15349	29156	6495	1059	7554	20302	16408	36710
2004-05	18952	17273	36225	5793	1788	7581	24745	19061	43806
2005-06	23247	18064	41311	3956	1981	5937	27203	20045	47248
2006-07	26195	21337	47532	4564	1318	5882	30759	22655	53414
2007-08	28526	23369	51895	4333	926	5259	32859	24295	57154
2008-09	30028	21983	52011	4617	863	5480	34645	22846	57491
2009-10	33875	22219	56094	4239	724	4963	38114	22943	61057
2010-11	36287	20178	56465	4038	957	4995	40325	21135	61460
2011-12	32867	18281	51148	3948	611	4559	36815	18892	55707
2012-13	30467	18547	49014	3907	483	4390	34374	19030	53404
2013-14	29733	18153	47886	2800	419	3219	32533	18572	51105
2014-15	30762	18484	49246	2926	369	3295	33688	18853	52541
2015-16	28867	16692	45559	3670	829	4499	32537	17521	50058
2016-17	30386	16043	46429	2946	839	3785	33332	16882	50214
2017-18	31056	16684	47740	3154	988	4142	34210	17672	51882
2018-19	31940	16170	48110	3739	1163	4902	35679	17333	53012
2019-20	26555	15229	41784	3886	1088	4974	30441	16317	46758
2020-21	23568	14396	37964	4092	1497	5589	27660	15893	43553
2021-22	24912	16482	41394	5058	2112	7170	29970	18594	48564
2022-23	27897	15135	43032	4387	1530	5917	32284	16665	48949
Kamarajar									
2001-02	0	0	0	3401	0	3401	3401	0	3401
2002-03	0	0	0	8485	0	8485	8485	0	8485
2003-04	0	0	0	9277	0	9277	9277	0	9277
2004-05	122	520	642	8838	0	8838	8960	520	9480
2005-06	1066	537	1603	7565	0	7565	8631	537	9168
2006-07	653	1724	2377	8337	0	8337	8990	1724	10714
2007-08	1212	2190	3402	8161	0	8161	9373	2190	11563
2008-09	1848	1111	2959	8541	0	8541	10389	1111	11500
2009-10	1313	936	2249	8454	0	8454	9767	936	10703
2010-11	2048	1052	3100	7909	0	7909	9957	1052	11009
2011-12	5457	1244	6701	8255	0	8255	13712	1244	14956
2012-13	7724	1739	9463	8422	0	8422	16146	1739	17885
2013-14	12310	2415	14725	12612	0	12612	24922	2415	27337
2014-15	13921	2587	16508	13743	0	13743	27664	2587	30251
2015-16	12359	2604	14963	17243	0	17243	29602	2604	32206
2016-17	11060	2352	13412	16487	121	16608	27547	2473	30020
2017-18	9278	2586	11864	18551	31	18582	27829	2617	30446
2018-19	12480	2992	15472	19026	0	19026	31506	2992	34498
2019-20	14469	3526	17995	13751	0	13751	28220	3526	31746
2020-21	11681	3022	14703	11186	0	11186	22867	3022	25889
2021-22	15599	6904	22503	16239	0	16239	31838	6904	38742
2022-23	17870	8136	26006	17501	0	17501	35371	8136	43507

Table 3.2.4
(Contd...)

Tend 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
VISAKHAPATNAM									
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
2002-03	17148	11394	28542	8576	8888	17464	25724	20282	46006
2003-04	18392	13290	31682	7975	8079	16054	26367	21369	47736
2004-05	20602	15924	36526	4630	8992	13622	25232	24916	50148
2005-06	25055	15075	40130	5596	10075	15671	30651	25150	55801
2006-07	26873	11654	38527	5682	12176	17858	32555	23830	56385
2007-08	29145	15742	44887	6530	13180	19710	35675	28922	64597
2008-09	29200	14158	43358	6460	14090	20550	35660	28248	63908
2009-10	30181	14856	45037	5296	15168	20464	35477	30024	65501
2010-11	30764	14227	44991	5364	17686	23050	36128	31913	68041
2011-12	33120	11633	44753	5571	17096	22667	38691	28729	67420
2012-13	30008	11203	41211	5266	12561	17827	35274	23764	59038
2013-14	29499	11899	41398	4184	12922	17106	33683	24821	58504
2014-15	34173	9234	43407	4587	10010	14597	38760	19244	58004
2015-16	35546	6779	42325	4040	10670	14710	39586	17449	57035
2016-17	33911	9258	43169	3370	14481	17851	37281	23739	61020
2017-18	37834	9735	47569	3312	12656	15968	41146	22391	63537
2018-19	40025	8446	48471	4270	12560	16830	44295	21006	65301
2019-20	43778	12607	56385	3575	12762	16337	47353	25369	72722
2020-21	35380	17607	52987	3871	12985	16856	39251	30592	69843
2021-22	35263	12494	47757	5040	16233	21273	40303	28727	69030
2022-23	43202	11398	54600	3752	15398	19150	46954	26796	73750
PARADIP									
1996-97	3733	1818	5551	126	5903	6029	3859	7721	11580
1997-98	4379	1676	6055	109	7138	7247	4488	8814	13302
1998-99	3939	1343	5282	568	7258	7826	4507	8601	13108
1999-00	4237	1933	6170	539	6927	7466	4776	8860	13636
2000-01	6015	3793	9808	833	9259	10092	6848	13052	19900
2001-02	5742	4415	10157	920	10054	10974	6662	14469	21131
2002-03	5914	5786	11700	1077	11124	12201	6991	16910	23901
2003-04	5896	7254	13150	809	11352	12161	6705	18606	25311
2004-05	7931	10649	18580	507	11017	11524	8438	21666	30104
2005-06	10950	12101	23051	474	9584	10058	11424	21685	33109
2006-07	12826	13951	26777	836	10904	11740	13662	24855	38517
2007-08	15103	14793	29896	1751	10790	12541	16854	25583	42437
2008-09	18482	15181	33663	1409	11340	12749	19891	26521	46412
2009-10	27509	17206	44715	1666	10630	12296	29175	27836	57011
2010-11	29658	14995	44653	1564	9821	11385	31222	24816	56038
2011-12	33790	7507	41297	2203	10754	12957	35993	18261	54254
2012-13	36848	2098	38946	2268	15338	17606	39116	17436	56552
2013-14	38509	7346	45855	2163	19985	22148	40672	27331	68003
2014-15	44389	1692	46081	1876	23054	24930	46265	24746	71011
2015-16	46683	770	47453	1547	27397	28944	48230	28167	76397
2016-17	53291	10174	63465	597	24897	25494	53888	35071	88959
2017-18	60740	9713	70453	762	30813	31575	61501	40526	102028
2018-19	62045	8996	71041	1233	37028	38262	63278	46025	109303
2019-20	59321	17959	77280	1102	34308	35409	60423	52267	112689
2020-21	55939	27976	83915	1614	29020	30634	57553	56996	114549
2021-22	57532	16398	73930	1771	40433	42203	59303	56830	116133
2022-23	65488	11450	76938	2281	56142	58423	67769	67592	135361
SMP (KOLKATA/HALDIA)									
1996-97	13505	1906	15411	2723	4990	7713	16228	6896	23124
1997-98	16757	2247	19004	2902	6251	9153	19659	8498	28157
1998-99	18987	1707	20694	2576	6117	8693	21563	7824	29387
1999-00	22350	1803	24153	2586	4287	6873	24936	6090	31026
2000-01	20254	2405	22659	2925	4416	7341	23179	6821	30000
2001-02	20697	3740	24437	2275	3691	5966	22972	7431	30403
2002-03	22089	5252	27341	4371	4092	8463	26460	9344	35804
2003-04	25580	7134	32714	4656	3890	8546	30236	11024	41260
2004-05	29298	8788	38086	3908	4213	8121	33206	13001	46207
2005-06	32346	11679	44025	4392	4726	9118	36738	16405	53143
2006-07	34594	12853	47447	3721	3882	7603	38315	16735	55050
2007-08	35761	15151	50912	3280	3137	6417	39041	18288	57329
2008-09	32920	14267	47187	3753	3280	7033	36673	17547	54220
2009-10	25577	13757	39334	4274	2815	7089	29851	16572	46423
2010-11	25734	13654	39388	4781	3376	8157	30515	17030	47545
2011-12	24409	11428	35837	3559	3852	7411	27968	15280	43248
2012-13	24528	9132	33660	2489	3779	6268	27017	12911	39928
2013-14	25073	10327	35400	2351	3635	5986	27424	13962	41386
2014-15	31875	6936	38811	4374	3108	7482	36249	10044	46293
2015-16	35293	7689	42982	4084	3223	7307	39377	10912	50289
2016-17	33253	10465	43718	3754	3479	7233	37007	13944	50951
2017-18	36358	11100	47458	5992	4441	10433	42350	15541	57891
2018-19	42355	10307	52662	6869	4232	11101	49224	14539	63763
2019-20	40680	12757	53437	6894	3652	10546	47574	16409	63983
2020-21	41512	14206	55718	3763	1887	5650	45275	16093	61368
2021-22	39981	12393	52374	3810	1992	5801	43791	14384	58175
2022-23	50117	10199	60316	3472	1871	5343	53589	12070	65659

Table 3.2.4
(Contd...)

Trend in Type-wise Cargo Traffic Handled at Major Ports

('000 tonnes)

PORT/YEAR	Overseas			Coastal			Overseas & Coastal		
	Un-Loaded	Loaded	Total	Un-Loaded	Loaded	Total	Un-Loaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
ALL PORTS									
1996-97	102836	57773	160609	36371	30277	66648	139207	88050	227257
1997-98	117425	62254	179679	38549	33430	71979	155974	95684	251658
1998-99	124986	55032	180018	39544	32176	71720	164530	87208	251738
1999-00	133798	56633	190431	49922	31614	81536	183720	88247	271967
2000-01	127203	66202	193405	51547	36179	87726	178750	102381	281131
2001-02	130117	76774	206891	47029	33661	80690	177146	110435	287581
2002-03	133829	93522	227351	48208	37994	86202	182037	131516	313553
2003-04	148130	110658	258788	48534	37477	86011	196664	148135	344799
2004-05	169418	126199	295617	47016	41122	88138	216434	167321	383755
2005-06	199476	133646	333122	44221	46225	90446	243697	179871	423568
2006-07	225548	143257	368805	52575	42402	94977	278123	185659	463782
2007-08	253161	165758	418919	57490	42904	100394	310651	208662	519313
2008-09	260971	166489	427460	57697	45647	103344	318668	212136	530804
2009-10	286506	167517	454023	58926	48141	107067	345432	215658	561090
2010-11	296312	168859	465171	55637	49278	104915	351949	218137	570086
2011-12	306755	147560	454315	55982	49890	105872	362737	197450	560187
2012-13	315200	123626	438826	53903	53102	107005	369103	176728	545831
2013-14	318658	122175	440833	59771	54885	114656	378429	177060	555489
2014-15	355628	106240	461868	65665	53811	119476	421293	160051	581344
2015-16	379699	101024	480723	66839	58329	125168	446538	159353	605891
2016-17	381071	132999	514070	74386	60017	134403	455457	193016	648473
2017-18	391237	133493	524730	86126	68614	154740	477363	202107	679470
2018-19	407711	125103	532814	90230	76127	166357	497941	201230	699171
2019-20	407435	137726	545160	83273	76491	159764	490708	214217	704925
2020-21	366733	158602	525335	66754	80593	147347	433487	239195	672682
2021-22	392428	156302	548731	73293	98030	171323	465721	254332	720054
2022-23	450755	148825	599580	74973	109752	184725	525727	258577	784305

Source: Major Ports

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

(In Million Tonnes)

Item	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
1	2	3	4	5	6	7	8	9	10
1. LOADED									
i) Indian Lines	1.78	2.48	3.96	4.85	6.50	7.32	6.46	9.29	12.51
ii) Foreign Lines	55.34	55.54	54.21	57.57	62.69	60.42	60.05	69.77	71.10
iii) Total	57.12	58.02	58.17	62.42	69.19	67.74	66.51	79.05	83.62
2. UNLOADED									
i) Indian Lines	3.25	4.23	6.22	7.39	9.70	10.01	6.75	8.36	11.45
ii) Foreign Lines	59.07	60.92	60.28	63.92	66.64	69.11	59.20	69.14	75.22
iii) Total	62.32	65.15	66.50	71.31	76.34	79.12	65.95	77.50	86.67
3. Total									
i) Indian Lines	5.03	6.71	10.18	12.24	16.20	17.33	13.21	17.65	23.96
ii) Foreign Lines	114.41	116.46	114.49	121.48	129.32	129.53	119.24	138.90	146.32
iii) Total	119.44	123.17	124.66	133.73	145.52	146.86	132.45	156.55	170.28
4. General Cargo (Break Bulk & Container)	154.57	158.66	163.01	172.82	178.07	170.72	156.89	186.40	201.07
% Of Container Cargo to general cargo	77.27	77.63	76.48	77.38	81.72	86.03	84.43	83.99	84.69

Table 3.2.6

Trend in Container Traffic Handled at Major Ports

(In '000 Tonnes)

Item	Deendayal	Mumbai	J. L.Nehru	Mormugao	N.Mangalore	Cochin	V.O. Chidambaranar	Chennai	Visakhapatnam	Paradip	SMP (Kolkata Dock System)	SMP (Haldia Dock Complex)	Kamarajar	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
LOADED														
2004-05	1477	568	15399	72	71	1264	1961	4718	370	31	1070	1220	-	28221
2005-06	1340	614	17317	67	81	1100	2035	5664	365	48	1252	1044	-	30927
2006-07	1733	631	21582	79	158	1457	2444	6809	512	34	1610	1105	-	38154
2007-08	1546	866	27179	84	166	1553	2877	8679	678	57	1903	1383	-	46971
2008-09	1233	720	25931	87	186	1383	2807	9964	737	34	2307	1319	-	46708
2009-10	1437	58	24609	89	241	1960	3396	11410	884	52	2534	963	-	47633
2010-11	1595	87	26966	95	344	2177	4931	14381	1330	66	2799	1512	-	56283
2011-12	1813	53	28492	111	356	1854	6129	14536	2046	100	3255	1279	-	60024
2012-13	1481	176	27650	111	362	1688	5887	14604	2280	156	3506	1212	-	59113
2013-14	400	9	27843	122	457	1808	6241	13895	2621	86	3702	1247	-	58431
2014-15	0	10	26796	172	434	1785	6645	14354	2277	52	3656	941	-	57122
2015-16	53	112	26309	136	460	1868	7209	14107	2778	62	4322	601	-	58017
2016-17	151	119	24983	168	579	2259	7834	12647	3667	28	4496	1234	1	58166
2017-18	1518	84	26597	164	710	2427	8569	12613	3976	92	4497	1167	1	62415
2018-19	3406	36	29138	146	718	2288	8899	13488	4418	171	4795	1378	306	69188
2019-20	6258	6	26519	105	701	2423	9011	11855	4563	132	4437	1155	574	67739
2020-21	6890	6	28282	97	802	2960	8169	12604	4942	184	4120	1462	1596	72113
2021-22	6577	4	34292	70	900	3816	8292	14738	4983	121	4162	1972	4702	84629
2022-23	6324	2	36061	15	919	3712	7283	13356	5095	137	4259	1185	5268	83616
UNLOADED														
2004-05	1277	2003	13348	67	65	1059	1244	5146	265	-	1287	809	-	26570
2005-06	971	1531	16460	63	68	1388	1393	6093	266	1	1982	866	-	31082
2006-07	1045	949	19229	76	107	1492	1567	7357	287	0	2393	813	-	35315
2007-08	1070	766	24744	82	153	1630	2753	9371	455	1	3236	1014	-	45275
2008-09	903	571	24671	91	218	2139	2675	10617	624	0	3169	1054	-	46732
2009-10	995	549	28487	140	234	1969	3203	12067	794	0	4111	1105	-	53654
2010-11	991	566	29460	125	224	2242	3238	15040	1242	3	3421	1323	-	57875
2011-12	979	498	29741	168	289	2861	3098	15540	2167	9	3563	1340	-	60253
2012-13	454	653	30261	147	330	2919	3485	15104	2274	15	3454	1657	-	60753
2013-14	53	440	27392	114	290	2977	3888	14435	2295	13	3361	983	-	56241
2014-15	0	534	30137	140	486	3461	4389	15591	2095	15	4454	1017	-	62319
2015-16	3	462	30482	209	646	3917	5179	16100	2367	70	4941	775	1	65151
2016-17	25	520	29547	234	832	4581	5157	16203	2761	14	5391	1233	-	66498
2017-18	320	546	31269	261	1034	5267	5622	17292	2859	21	5263	1505	51	71310
2018-19	552	339	32976	321	1201	5828	6056	17775	3541	50	5139	1762	795	76335
2019-20	709	284	34421	313	1577	6205	7425	14855	4086	90	5330	1877	1950	79122
2020-21	1389	248	29464	210	1489	6590	6854	14164	3236	95	4117	1465	2275	71597
2021-22	2043	234	34800	114	1410	6462	7613	16187	3600	64	4279	1381	4567	82754
2022-23	2247	223	40133	13	1450	6274	7395	15021	3365	55	4261	882	5349	86668
TOTAL														
2004-05	2754	2571	28747	139	136	2323	3205	9864	635	31	2357	2029	-	54791
2005-06	2311	2145	33777	130	149	2488	3428	11757	631	49	3234	1910	-	62009
2006-07	2778	1580	40811	155	265	2949	4011	14166	799	34	4003	1918	-	73469
2007-08	2616	1632	51923	166	319	3183	5630	18050	1133	58	5139	2397	-	92246
2008-09	2136	1291	50602	178	404	3522	5482	20581	1361	34	5476	2373	-	93440
2009-10	2432	607	53096	229	475	3929	6599	23477	1678	52	6645	2068	-	101287
2010-11	2586	653	56426	220	568	4419	8169	29421	2572	69	6220	2835	-	114158
2011-12	2792	551	58233	279	645	4715	9227	30076	4213	109	6818	2619	-	120277
2012-13	1935	829	57911	258	692	4607	9372	29708	4554	171	6960	2869	-	119866
2013-14	453	449	55235	236	747	4785	10129	28330	4916	99	7063	2230	-	114672
2014-15	0	544	56933	312	920	5246	11034	29945	4372	67	8110	1958	-	119441
2015-16	56	574	56791	345	1106	5785	12388	30207	5145	132	9263	1376	1	123168
2016-17	175	639	54530	402	1411	6840	12991	28850	6428	42	9887	2467	1	124663
2017-18	1838	630	57866	425	1744	7694	14191	29905	6835	113	9760	2672	52	133725
2018-19	3958	375	62114	467	1920	8116	14955	31263	7959	221	9934	3140	1101	145523
2019-20	6967	291	60940	418	2278	8628	16436	26710	8649	222	9767	3032	2524	146861
2020-21	8279	254	57746	307	2291	9550	15023	26768	8178	279	8237	2927	3871	143710
2021-22	8620	238	69092	184	2310	10278	15905	30925	8583	185	8441	3353	9269	167383
2022-23	8572	225	76194	28	2369	9986	14678	28377	8460	192	8520	2067	10617	170284

Source: Major Ports

Table 3.2.7

Passenger Traffic at Major Ports

(In '000)

Port/Year	Overseas			Coastal			Total		
	Embarked	embarked	Total	Embarked	Dis-embarked	Total	Embarked	embarked	Total
1	2	3	4	5	6	7	8	9	10
MUMBAI									
2000-01	4.8	7.7	12.5	3.3	5.0	8.3	8.1	12.7	20.8
2001-02	3.2	4.8	8.0	0.3	-	0.3	3.5	4.8	8.3
2002-03	3.6	2.6	6.2	-	-	0.0	3.6	2.6	6.2
2003-04	1.7	1.9	3.6	-	-	0.0	1.7	1.9	3.6
2004-05	0.7	0.5	1.2	0.8	0.8	1.6	1.5	1.3	2.8
2005-06	0.3	0.9	1.2	42.0	41.5	83.5	42.3	42.4	84.7
2006-07	1.3	0.5	1.8	81.7	78.8	160.5	83.0	79.3	162.3
2007-08	1.3	0.5	1.8	81.8	78.8	160.6	83.1	79.3	162.4
2008-09	1.6	0.8	2.4	12.9	13.3	26.2	14.5	14.1	28.6
2009-10	0.9	1.5	2.4	31.0	31.0	62.0	31.9	32.5	64.4
2010-11	1.8	2.1	3.9	6.1	5.9	12.0	7.9	8.0	15.9
2011-12	2.9	1.8	4.7	0.0	0.0	0.0	2.9	1.8	4.7
2012-13	3.2	2.5	5.6	0.0	0.0	0.0	3.2	2.5	5.6
2013-14	1.6	1.4	3.0	0.0	0.0	0.0	1.6	1.4	3.0
2014-15	4.3	3.6	7.9	0.0	0.0	0.0	4.3	3.6	7.9
2015-16	1.2	2.0	3.2	0.0	0.0	0.0	1.2	2.0	3.2
2016-17	9.5	8.0	17.4	0.0	0.0	0.0	9.5	8.0	17.4
2017-18	11.0	10.5	21.5	0.0	0.0	0.0	11.0	10.5	21.5
2018-19	10.6	10.5	21.0	17.3	10.6	27.9	27.8	21.1	48.9
2019-20	13.7	15.8	29.5	74.8	70.8	145.6	88.5	86.6	175.1
2020-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2021-22	0.0	0.0	0.0	47.7	50.7	98.3	47.7	50.7	98.3
2022-23	1.8	2.5	4.3	88.6	89.8	178.4	90.4	92.3	182.6
COCHIN									
2000-01	11.7	10.5	22.2	30.7	31.3	62.0	42.4	41.8	84.2
2001-02	8.9	6.2	15.1	36.8	16.1	52.9	45.7	22.3	68.0
2002-03	2.9	2.9	5.8	45.8	48.7	94.5	48.7	51.6	100.3
2003-04	8.9	8.8	17.7	51.7	48.9	100.6	60.6	57.7	118.3
2004-05	9.6	9.5	19.1	51.3	49.3	100.6	60.9	58.8	119.7
2005-06	10.5	10.6	21.1	50.2	49.9	100.1	60.7	60.5	121.2
2006-07	14.1	14.0	28.1	49.0	54.0	103.0	63.1	68.0	131.1
2007-08	14.0	14.0	28.0	47.9	52.6	100.5	61.9	66.6	128.5
2008-09	19.3	19.2	38.5	40.6	43.7	84.3	59.9	62.9	122.8
2009-10	38.0	38.0	76.0	64.0	72.0	136.0	102.0	110.0	212.0
2010-11	24.1	24.1	48.2	69.1	77.0	146.1	93.2	101.1	194.3
2011-12	25.5	25.5	51.0	120.4	92.2	212.6	145.9	117.7	263.6
2012-13	37.2	36.8	74.0	91.6	84.5	176.1	128.8	121.3	250.0
2013-14	24.6	24.9	49.5	85.0	80.4	165.3	109.6	105.3	214.9
2014-15	27.9	28.3	56.2	88.0	78.0	165.9	115.8	106.3	222.1
2015-16	31.6	35.5	67.2	89.0	95.5	184.5	120.6	131.1	251.6
2016-17	54.8	54.3	109.1	97.5	102.4	199.9	152.3	156.7	309.0
2017-18	44.2	45.3	89.6	92.0	98.4	190.4	136.3	143.7	280.0
2018-19	57.7	57.6	115.3	98.4	107.5	205.8	156.1	165.0	321.1
2019-20	61.5	61.4	122.8	98.7	113.1	211.8	160.1	174.5	334.6
2020-21	0.0	0.0	0.0	17.6	22.8	40.5	17.6	22.8	40.5
2021-22	0.0	0.0	0.0	67.9	61.3	129.2	67.9	61.3	129.2
2022-23	6.0	6.3	12.3	92.9	92.3	185.3	99.0	98.6	197.6
CHENNAI									
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
2002-03	Neg.	Neg.	Neg.	52.9	44.7	97.6	52.9	44.7	97.6
2003-04	Neg.	Neg.	Neg.	55.9	49.5	105.4	55.9	49.5	105.4
2004-05	0.6	0.6	1.2	51.2	48.4	99.6	51.8	49.0	100.8
2005-06	0.9	0.2	1.1	49.4	45.8	95.2	50.3	46.0	96.3
2006-07	0.2	0.3	0.5	39.3	30.8	70.1	39.5	31.1	70.6
2007-08	0.1	0.2	0.3	43.1	38.4	81.5	43.2	38.6	81.8
2008-09	0.3	0.2	0.5	44.0	40.7	84.7	44.3	40.9	85.2
2009-10	0.2	0.0	0.2	39.4	36.6	76.0	39.6	36.6	76.2
2010-11	0.3	0.4	0.7	39.3	35.8	75.1	39.6	36.2	75.8
2011-12	0.2	0.2	0.4	42.2	36.1	78.3	42.3	36.4	78.7
2012-13	0.5	0.7	1.2	29.2	27.3	56.5	29.7	28.1	57.8
2013-14	0.0	0.0	0.0	31.8	26.4	58.2	31.8	26.4	58.2
2014-15	0.9	1.0	1.9	31.3	26.6	57.8	32.2	27.6	59.8
2015-16	0.1	0.1	0.2	25.2	22.2	47.4	25.3	22.3	47.7
2016-17	0.6	0.6	1.2	19.8	15.1	34.9	20.4	15.7	36.1
2017-18	0.0	0.0	0.0	10.2	9.6	19.8	10.2	9.6	19.8
2018-19	0.2	0.2	0.4	9.9	9.5	19.4	10.0	9.7	19.8
2019-20	0.7	0.0	0.7	5.3	5.2	10.6	6.0	5.3	11.3
2020-21	0.0	0.0	0.0	0.2	0.4	0.6	0.2	0.4	0.6
2021-22	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1
2022-23	0.2	2.0	2.2	48.3	43.5	91.8	48.5	45.5	94.0

Table
3.2.7(Contd.)

Passenger Traffic at Major Ports

(In '000)

Port/Year	Overseas			Coastal			Total		
	Embarked	embarked	Total	Embarked	Dis-embarked	Total	Embarked	embarked	Total
1	2	3	4	5	6	7	8	9	10
PARADIP									
2009-10	-	-	-	-	-	-	-	-	-
2010-11	-	-	-	-	-	-	-	-	-
2011-12	-	-	-	-	-	-	-	-	-
2012-13	-	-	-	-	-	-	-	-	-
2013-14	-	-	-	-	-	-	-	-	-
2014-15	-	-	-	-	-	-	-	-	-
2015-16	-	-	-	-	-	-	-	-	-
2016-17	-	-	-	-	-	-	-	-	-
2017-18	-	-	-	-	-	-	-	-	-
2018-19	0.1	0.1	0.2	-	-	-	0.1	0.1	0.2
2019-20	-	-	-	-	-	-	-	-	-
2020-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2021-22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2022-23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
V.O.CHIDAMBANAR									
2010-11	-	-	-	-	-	-	-	-	-
2011-12	7.6	4.6	12.2	-	-	-	7.6	4.6	12.2
2012-13	-	-	-	-	-	-	-	-	-
2013-14	-	-	-	-	-	-	-	-	-
2014-15	-	-	-	-	-	-	-	-	-
2015-16	-	-	-	-	-	-	-	-	-
2016-17	-	-	-	-	-	-	-	-	-
2017-18	-	-	-	-	-	-	-	-	-
2018-19	-	-	-	-	-	-	-	-	-
2019-20	-	-	-	-	-	-	-	-	-
2020-21	0.0	2.3	2.3	-	-	-	0.0	2.3	2.3
2021-22	-	0.0	0.0	-	-	-	0.0	0.0	0.0
2022-23	0.3	0.3	0.6	-	-	-	0.3	0.3	0.6
VISHAKHAPATNAM									
2000-01	-	-	-	9.8	7.1	16.9	9.8	7.1	16.9
2001-02	-	-	-	8.6	8.6	17.2	8.6	8.6	17.2
2002-03	-	-	-	11.3	11.7	23.0	11.3	11.7	23.0
2003-04	-	-	-	8.6	9.0	17.6	8.6	9.0	17.6
2004-05	-	-	-	10.1	12.0	22.1	10.1	12.0	22.1
2005-06	-	-	-	8.4	7.8	16.2	8.4	7.8	16.2
2006-07	-	-	-	8.4	8.4	16.8	8.4	8.4	16.8
2007-08	-	-	-	12.2	10.3	22.5	12.2	10.3	22.5
2008-09	-	-	-	11.2	12.8	24.0	11.2	12.8	24.0
2009-10	-	-	-	10.0	11.0	21.0	10.0	11.0	21.0
2010-11	-	-	-	11.4	11.2	22.6	11.4	11.2	22.6
2011-12	-	-	-	13.2	13.3	26.5	13.2	13.3	26.5
2012-13	-	-	-	12.8	13.3	26.2	12.8	13.3	26.2
2013-14	-	-	-	12.7	12.1	24.8	12.7	12.1	24.8
2014-15	-	-	-	12.4	11.3	23.7	12.4	11.3	23.7
2015-16	-	-	-	10.4	9.3	19.7	10.4	9.3	19.7
2016-17	-	-	-	9.2	7.3	16.5	9.2	7.3	16.5
2017-18	-	-	-	8.6	8.2	16.9	8.6	8.2	16.9
2018-19	0.2	0.2	0.4	8.2	6.1	14.3	8.4	6.3	14.8
2019-20	-	-	-	6.6	5.2	11.8	6.6	5.2	11.8
2020-21	-	-	-	0.6	0.1	0.7	0.6	0.1	0.7
2021-22	-	-	-	0.2	0.3	0.5	0.2	0.3	0.5
2022-23	-	-	-	6.0	4.5	10.5	6.0	4.5	10.5
SMP (KOLKATA/HALDIA)									
2000-01	0.2	0.2	0.4	29.6	27.1	56.7	29.8	27.3	57.1
2001-02	-	-	-	30.0	28.4	58.4	30.0	28.4	58.4
2002-03	-	-	-	25.3	27.4	52.7	25.3	27.4	52.7
2003-04	-	-	-	25.5	30.6	56.1	25.5	30.6	56.1
2004-05	-	-	-	31.7	30.8	62.5	31.7	30.8	62.5
2005-06	-	-	-	34.3	26.0	60.3	34.3	26.0	60.3
2006-07	-	-	-	29.2	21.4	50.6	29.2	21.4	50.6
2007-08	-	-	-	43.5	31.6	75.1	43.5	31.6	75.1
2008-09	-	-	-	30.9	27.2	58.1	30.9	27.2	58.1
2009-10	-	-	-	34.8	32.9	67.7	34.8	32.9	67.7
2010-11	-	-	-	31.2	32.3	63.5	31.2	32.3	63.5
2011-12	-	-	-	27.0	25.3	52.2	27.0	25.3	52.2
2012-13	-	-	-	20.3	20.0	40.3	20.3	20.0	40.3
2013-14	-	-	-	23.0	19.5	42.5	23.0	19.5	42.5
2014-15	-	-	-	23.1	16.5	39.6	23.1	16.5	39.6
2015-16	-	-	-	20.1	15.7	35.8	20.1	15.7	35.8
2016-17	-	-	-	11.6	8.8	20.4	11.6	8.8	20.4
2017-18	-	-	-	7.1	9.0	16.1	7.1	9.0	16.1
2018-19	-	-	-	4.2	4.1	8.3	4.2	4.1	8.3
2019-20	0.0	0.0	0.0	2.5	1.9	4.3	2.5	1.9	4.3
2020-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2021-22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2022-23	-	-	-	0.3	0.7	1.0	0.3	0.7	1.0

Table 3.2.7
Contd...

Passenger Traffic at Major Ports

(In '000)

Port/Year	Overseas			Coastal			Total		
	Embarked	embarked	Total	Embarked	Dis-embarked	Total	Embarked	embarked	Total
1	2	3	4	5	6	7	8	9	10
MORMUGAO									
2005-06	...	...	2.6	...	...	26.7	...	...	29.3
2006-07	...	...	11.9	...	...	30.4	...	...	42.3
2007-08	...	...	13.0	-	-	-	...	...	13.0
2008-09	...	...	10.9	-	-	-	...	...	10.9
2009-10	...	...	18.7	...	...	...	...	...	18.7
2010-11	...	...	9.4	...	...	...	0.0	0.2	9.4
2011-12	...	...	19.7	...	...	...	0.2	0.2	19.7
2012-13	...	...	...	...	...	...	0.1	0.2	18.1
2013-14	0.2	0.3	17.4	...	...	...	0.2	0.3	17.4
2014-15	0.3	0.2	21.1	...	...	...	0.3	0.2	21.1
2015-16	0.3	0.3	30.9	...	...	...	0.3	0.3	30.9
2016-17	0.3	0.4	43.9	...	...	...	0.3	0.4	43.9
2017-18	0.6	0.3	43.7	...	...	...	0.6	0.3	43.7
2018-19	0.6	0.5	47.8	13.4	19.3	32.7	14.0	19.7	80.5
2019-20	0.6	0.4	53.2	20.1	26.5	95.6	20.8	26.9	148.9
2020-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2021-22	-	-	-	20.1	20.1	40.2	3.4	3.5	6.8
2022-23	0.1	0.1	0.3	20.1	20.1	40.2	20.2	20.3	40.5
NEW MANGALORE									
2008-09	-	0.9	0.9	-	-	-	-	0.9	0.9
2009-10	-	1.9	1.9	-	-	-	-	1.9	1.9
2010-11	-	5.9	5.9	-	-	-	-	5.9	5.9
2011-12	-	7.8	7.8	-	-	-	-	7.8	7.8
2012-13	-	10.2	10.2	-	-	-	-	10.2	10.2
2013-14	-	7.2	7.2	-	-	-	-	7.2	7.2
2014-15	-	11.3	11.3	-	-	-	-	11.3	11.3
2015-16	-	19.2	19.2	-	-	-	-	19.2	19.2
2016-17	0.6	0.1	29.5	-	-	-	0.6	0.1	29.5
2017-18	0.2	0.1	24.3	-	-	-	0.2	0.1	24.3
2018-19	0.2	0.3	28.8	-	-	-	0.2	0.3	28.8
2019-20	0.2	0.6	23.7	-	-	-	0.2	0.6	23.7
2020-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2021-22	-	-	-	-	-	-	-	-	-
2022-23	2.6	2.6	5.3	-	-	0.0	2.6	2.6	5.3
ALL MAJOR PORTS									
2000-01	12.6	10.8	23.4	107.5	103.4	210.9	120.1	114.2	234.3
2001-02	16.9	18.5	35.4	125.0	114.3	239.3	141.9	132.8	274.7
2002-03	12.6	11.4	24.0	128.9	99.0	227.9	141.5	110.4	251.9
2003-04	6.5	5.5	12.0	135.3	132.5	267.8	141.8	138.0	279.8
2004-05	10.6	10.7	24.1	141.7	138.0	279.7	152.3	148.7	303.8
2005-06	10.9	10.6	24.6	145.1	141.3	286.4	156.0	151.9	311.0
2006-07	11.7	11.7	26.0	184.3	171.0	382.0	196.0	182.7	408.0
2007-08	15.4	14.5	29.9	207.6	193.4	401.0	223.0	207.9	430.9
2008-09	15.4	14.7	43.1	228.5	211.7	440.2	243.9	226.4	483.3
2009-10	21.3	20.3	52.5	139.6	137.7	277.3	160.9	158.0	329.8
2010-11	26.2	26.6	62.2	157.1	162.2	319.3	183.3	189.0	381.5
2011-12	36.2	39.9	95.8	202.6	167.0	369.6	239.1	207.0	465.4
2012-13	40.8	50.2	91.0	153.9	145.1	299.1	194.9	195.6	408.2
2013-14	26.4	33.8	77.1	152.5	138.3	290.9	178.9	172.1	368.0
2014-15	33.4	44.5	98.4	154.7	132.3	287.0	188.1	176.8	385.5
2015-16	33.2	57.1	120.6	144.7	142.7	287.4	177.8	199.8	408.0
2016-17	65.8	63.3	201.1	138.0	133.7	271.7	203.8	197.0	472.8
2017-18	56.0	56.3	179.1	118.0	125.2	243.2	174.0	181.5	422.3
2018-19	69.6	69.3	213.9	151.4	157.0	308.5	221.0	226.3	522.4
2019-20	76.6	78.1	229.9	208.1	222.7	479.8	284.7	300.8	709.6
2020-21	0.0	2.3	2.3	18.4	23.3	41.7	18.4	25.5	44.0
2021-22	0.0	0.0	0.0	135.9	132.4	268.3	119.2	115.7	234.9
2022-23	11.1	13.8	24.9	250.3	246.5	496.7	261.3	260.3	521.6

(a) - Included in coastal.

Note : There was no Passenger Traffic at Kandla, J. L. Nehru and Kamarajar Ports for the period 1993-94 to 2020-21

Source: Major Ports

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
Deendayal	2000-01	194	1365	269	2935	253	3473	736	18963	-	-	-	-	1452	26736
	2001-02	263	1918	370	4075	311	4591	728	18249	-	-	-	-	1672	28833
	2002-03	289	2751	460	5570	288	4512	776	19479	-	-	-	-	1813	32312
	2003-04	295	2872	364	4212	375	5454	789	20495	-	-	-	-	1823	33033
	2004-05	276	2813	439	4541	403	5772	822	20767	-	-	-	-	1940	33893
	2005-06	252	2578	505	5568	461	7292	906	22884	-	-	-	-	2124	38322
	2006-07	264	2565	595	6181	449	7316	1010	27845	-	-	-	-	2318	43907
	2007-08	235	2747	557	5843	598	8373	1208	34396	-	-	-	-	2598	52349
	2008-09	221	2625	448	5319	636	10683	1212	37981	-	-	-	-	2517	56608
	2009-10	255	3095	437	5872	663	11910	1421	42561	-	-	-	-	2776	63438
	2010-11	226	2699	431	6017	684	13082	1351	43127	-	-	-	-	2692	64925
	2011-12	225	2798	456	6407	715	14600	1318	42101	-	-	-	-	2714	65906
	2012-13	195	2596	452	7069	715	16861	1372	47669	-	-	-	-	2734	74195
	2013-14	59	634	305	5258	629	16247	1311	47572	-	-	-	-	2304	69710
	2014-15	0	0	371	5647	568	17339	1277	48612	-	-	-	-	2216	71597
	2015-16	12	180	454	7403	591	19685	1456	50248	-	-	-	-	2513	77517
	2016-17	27	403	319	5395	622	20742	1593	55473	-	-	7	261	2568	82274
	2017-18	145	3121	459	5593	131	21606	1584	56923	-	-	1	37	1547	87380
	2018-19	245	6817	398	7091	716	24466	1544	55162	0	0	0	0	2903	93536
	2019-20	374	9927	382	6915	733	23453	1606	56773	0	0	0	0	3095	97068
	2020-21	428	9913	402	7027	720	23825	1497	50383	0	0	0	0	3047	91148
	2021-22	353	8909	486	7957	675	23809	1627	55953	0	0	0	0	3141	96628
2022-23	358	8390	433	7350	936	36876	1627	58096	0	0	0	0	3354	110711	
Mumbai	2000-01	472	5950	457	5030	134	1910	847	15730	11	310	(c)	(c)	1921	28930
	2001-02	388	4190	466	5200	143	2260	790	16070	9	260	(c)	(c)	1796	27980
	2002-03	316	4310	459	5350	131	2440	721	16080	2	70	(c)	(c)	1629	28250
	2003-04	298	4270	532	5540	128	2650	840	18080	2	80	(c)	(c)	1800	30620
	2004-05	249	3650	581	8300	216	4670	834	19910	3	110	(c)	(c)	1883	36640
	2005-06	220	2960	665	10790	235	4940	933	22300	-	-	(c)	(c)	2053	40990
	2006-07	133	2120	749	11920	234	5640	970	24070	1	40	-	-	2087	43790
	2007-08	12	190	765	12250	234	6050	1055	25050	-	-	-	-	2066	43540
	2008-09	12	320	672	11380	233	6030	1014	23000	-	-	-	-	1931	40730
	2009-10	10	300	732	14600	283	7400	1021	24930	-	-	-	-	2046	47230
	2010-11	14	330	715	15400	336	9090	1027	26250	-	-	-	-	2092	51070
	2011-12	14	460	568	15900	333	9190	1102	27810	-	-	-	-	2017	51360
	2012-13	32	320	475	12670	370	10670	1031	28180	-	-	-	-	1908	52040
	2013-14	0	0	427	12080	379	11260	1013	27790	-	-	-	-	1819	51130
	2014-15	0	0	608	16250	367	11290	984	27180	-	-	-	-	1959	54720
	2015-16	1	12	531	10320	313	9792	1066	26124	-	-	126	6625	2037	52873
	2016-17	1	21	431	8325	374	11936	1092	29330	-	-	96	5262	1994	54875
	2017-18	0	0	453	8643	366	11723	1113	31216	0	0	111	6195	2043	57777
	2018-19	2	60	492	7810	349	10780	1083	31370	0	0	117	6680	2043	56700
	2019-20	1	9	403	7020	329	10351	1163	33848	0	0	102	5814	1998	57042
	2020-21	0	0	302	5211	296	9297	979	29479	0	0	75	4468	1652	48456
	2021-22	0	0	369	6773	327	10406	1104	32688	0	0	98	5508	1698	55374
2022-23	0	0	438	8405	367	11863	976	31738	0	0	102	5462	1853	57469	
J.L. Nehru	2000-01	1247	21461	-	-	88	1071	269	3484	-	-	102(d)	2489	1706	28505
	2001-02	1498	30347	-	-	68	879	260	3533	-	-	243(d)	2506	2069	37265
	2002-03	1544	35654	-	-	55	698	284	3471	-	-	299(d)	2780	2182	42603
	2003-04	1678	41780	57	118	36	419	298	4064	-	-	1848(d)	5365	3917	51746
	2004-05	1600	39120	28	108	32	344	356	4958	-	-	308(d)	2325	2324	46885
	2005-06	1754	40657	64	1015	-	-	305	4920	-	-	1932(d)	2699	4055	49291
	2006-07	2070	55113	13	106	46	513	321	5305	-	-	324(d)	682	2775	61699
	2007-08	2339	65258	9	89	48	542	333	5516	-	-	390(d)	875	5140	72280
	2008-09	2221	68407	7	78	57	647	428	7266	-	-	11	440	2724	76838
	2009-10	2470	76079	10	113	66	724	524	9002	-	-	2	80	3072	85998
	2010-11	2490	79106	60	528	71	791	507	3939	-	-	2644	4455	5772	88819
	2011-12	2233	77374	67	669	168	554	461	8859	-	-	2646	4593	5575	92049
	2012-13	1846	73400	229	565	45	522	468	9920	-	-	2800	4558	5388	88965
	2013-14	1746	74812	258	612	44	509	478	10538	-	-	-	-	2526	86470
	2014-15	1939	39307	148	359	40	598	526	11204	-	-	-	-	2642	98248
	2015-16	1935	53442	241	391	39	216	565	5214	-	-	-	-	2780	59103
	2016-17	1912	105432	141	395	43	654	624	12006	-	-	-	-	2720	118487
	2017-18	1964	62026	201	201	45	249	618	5660	-	-	-	-	2828	68136
	2018-19	1821	116376	100	427	51	821	610	12840	-	-	-	-	2582	130465
	2019-20	1778	114049	78	331	66	1003	577	11507	0	0	0	0	2499	126889
	2020-21	1778	109759	121	413	51	770	575	11270	0	0	0	0	2525	122212
	2021-22	2077	115338	52	788	77	564	618	11733	0	0	0	0	2824	128423
2022-23	2436	131002	31	244	78	1165	728	11492	0	0	0	0	3273	143903	
Mormugao	2000-01	50	824	14	212	350	11279	174	2491	-	-	-	-	588	14806
	2001-02	54	773	11	124	349	13157	183	2682	-	-	-	-	597	16736
	2002-03	80	427	23	371	365	12940	188	2643	-	-	-	-	626	16381
	2003-04	62	386	15	165	416	15983	184	3110	-	-	-	-	677	19546
	2004-05	37	196	7	110	290	9591	172	2926	-	-	-	-	506	12823
	2005-06	38	227	7	72	443	16398	162	3053	-	-	-	-	650	19750
	2006-07	39	274	21	366	482	17020	161	3111	-	-	-	-	699	20771
	2007-08	37	302	15	219	525	17525	175	3507	-	-	-	-	748	21553
	2008-09	36	301	8	81	600	21616	170	3323	-	-	-	-	805	24733
	2009-10	38	387	8	114	675	25378	184	3679	-	-	-	-	905	29558
	2010-11	27	298	7	107	669	20740	160	3238	-	-	-	-	863	24383
	2011-12	48	624	37	698	558	22735	153	3224	-	-	-	-	796	27281
	2012-13	45	602	75	1208	232	10045	123	2728	-	-	-	-	475	14583
	2013-14	42	565	97	1996	146	6007	113	2527	-					

Table 3.2.8(Contd...)

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

Port	Year	(GRT in '000)															
		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		
		3	4	5	6	7	8	9	10	11	12	13	14	15	16		
Cochin	2000-01	348	3631	135	590	60	722	421	9971	1	34	-	-	965	14948		
	2001-02	429	4297	130	567	59	785	359	9074	-	-	-	-	977	14723		
	2002-03	433	4087	129	539	52	859	330	8650	-	-	-	-	944	14135		
	2003-04	381	3737	141	372	50	684	338	9450	-	-	-	-	910	14243		
	2004-05	414	3529	118	324	48	856	345	9837	-	-	-	-	825	14546		
	2005-06	421	4678	109	618	50	846	383	9784	-	-	-	-	963	15926		
	2006-07	383	5244	92	539	54	915	378	10550	-	-	-	-	907	17236		
	2007-08	350	5703	73	304	31	688	352	11280	-	-	-	-	806	17975		
	2008-09	335	4296	63	387	53	850	306	10112	-	-	-	-	757	15645		
	2009-10	390	5096	44	348	59	865	381	12060	-	-	-	-	874	18369		
	2010-11	360	5010	39	309	47	803	373	12629	-	-	-	-	819	18751		
	2011-12	389	5975	37	326	50	882	359	13401	-	-	-	-	835	20584		
	2012-13	440	8411	33	285	49	771	353	13336	-	-	-	-	875	22803		
	2013-14	501	9842	41	370	72	884	381	13923	-	-	-	-	995	25019		
	2014-15	528	9896	32	250	81	1255	356	13915	-	-	-	-	997	25307		
	2015-16	643	16151	41	343	87	1391	398	14285	-	-	-	-	1169	32171		
	2016-17	696	20106	31	458	100	1425	389	15611	-	-	-	-	1216	37600		
	2017-18	640	19468	34	321	94	1330	376	18200	-	-	-	-	1144	39319		
	2018-19	627	20006	39	402	88	1314	402	19667	-	-	-	-	1156	41389		
	2019-20	606	19760	30	263	94	1447	411	20808	0	0	0	0	1141	42278		
	2020-21	563	17526	23	205	105	1528	406	18154	0	0	0	0	1097	37413		
	2021-22	615	16320	28	313	104	1478	447	20982	0	0	0	0	1194	39092		
	2022-23	609	16907	30	410	78	1265	469	21109	0	0	0	0	1166	39690		
V.O.Chidambaranar	2000-01	442	3957	353	1579	262	5749	148	1652	-	-	-	-	1205	12937		
	2001-02	488	4368	494	2210	277	5822	141	1708	-	-	-	-	1400	13770		
	2002-03	474	4382	519	2106	300	6142	133	1283	-	-	-	-	1426	13913		
	2003-04	516	5789	502	1878	288	6112	173	1567	-	-	-	-	1479	15346		
	2004-05	463	5973	486	1949	303	6982	183	1891	-	-	-	-	1435	16795		
	2005-06	518	6216	540	2374	330	7997	160	2075	-	-	-	-	1548	18662		
	2006-07	534	7628	496	2245	325	7935	154	2004	-	-	-	-	1509	19812		
	2007-08	440	6487	563	2095	407	8903	166	1849	-	-	-	-	1576	19334		
	2008-09	451	5801	432	1646	441	8987	172	2011	-	-	-	-	1496	18445		
	2009-10	455	5802	396	1714	451	9955	175	1981	-	-	-	-	1380	19462		
	2010-11	378	5404	361	2208	396	9276	214	3274	-	-	-	-	1349	20162		
	2011-12	365	5692	360	2418	425	10249	226	3437	-	-	-	-	1376	21796		
	2012-13	351	5704	255	1715	408	10921	221	3193	-	-	-	-	1235	21533		
	2013-14	399	6196	118	965	392	11033	184	2367	-	-	-	-	1093	20561		
	2014-15	496	6914	234	1455	455	13023	195	2735	-	-	-	-	1380	24127		
	2015-16	573	8275	216	1743	516	14638	210	2914	-	-	-	-	1515	27570		
	2016-17	534	8454	408	2804	516	15104	204	2867	-	-	-	-	1662	29229		
	2017-18	469	8646	357	2169	459	13145	197	2664	-	-	-	-	1462	26625		
	2018-19	550	10679	299	2059	335	10297	186	2625	0	0	0	0	1370	25660		
	2019-20	606	12386	306	2190	334	10222	201	2820	0	0	0	0	1447	27618		
	2020-21	454	5205	289	1216	303	5439	157	888	0	0	0	0	1203	12748		
	2021-22	415	8689	347	2669	323	10373	153	2298	0	0	0	0	1238	24029		
	2022-23	535	10055	458	3294	364	12946	166	2530	0	0	0	0	1523	28825		
Chennai	2000-01	340	3600	335	3370	620	16310	442	8345	11	314	-	-	1748	31939		
	2001-02	288	3589	312	2854	468	12779	472	8523	8	229	-	-	1548	29974		
	2002-03	420	5394	350	3165	352	9768	435	8122	-	-	-	-	1557	26449		
	2003-04	467	5800	275	2205	379	4499	8773	-	-	-	-	25	1092	1595		
	2004-05	416	5509	275	2514	441	11632	421	9866	-	-	-	49	1955	1602		
	2005-06	592	7238	357	5425	429	11727	415	10649	-	-	-	-	1793	35039		
	2006-07	698	9252	476	6888	463	13065	422	10668	-	-	-	-	2059	39873		
	2007-08	713	12933	346	3402	455	12713	423	11232	-	-	-	48	2049	1985		
	2008-09	710	13885	352	3760	441	12685	441	11273	-	-	-	74	3135	2018		
	2009-10	703	14901	345	3837	446	12658	494	12000	-	-	-	85	4411	2073		
	2010-11	812	16387	399	4574	309	8670	502	12813	-	-	-	101	4963	2123		
	2011-12	789	18819	334	4143	223	5715	507	13094	-	-	-	103	5432	1956		
	2012-13	786	18169	358	5367	423	4397	460	12423	-	-	-	93	5021	1880		
	2013-14	780	18014	293	4665	165	4160	429	11598	-	-	-	89	4851	1756		
	2014-15	762	18839	321	4738	175	4306	427	11493	-	-	-	105	5497	1790		
	2015-16	755	21459	242	3300	151	3202	445	11523	-	-	-	98	5052	1691		
	2016-17	705	21736	222	3157	172	3973	402	11285	-	-	-	99	3946	1600		
	2017-18	669	21844	279	3248	127	3322	478	12929	-	-	-	47	2583	1600		
	2018-19	683	22663	257	3203	120	5644	478	13123	0	0	0	38	2260	1576		
	2019-20	594	20414	277	3850	88	1794	430	12844	0	0	0	50	2488	1439		
	2020-21	694	18451	199	3067	67	2494	385	10915	0	0	0	35	1935	1310		
	2021-22	706	19345	224	3368	67	1983	406	11792	0	0	0	40	2458	1443		
	2022-23	689	17132	243	3724	92	2579	480	14273	0	0	0	58	3171	1562		
Kamarajar	2001-02	-	-	-	-	71	2263	-	-	-	-	-	-	71	2263		
	2002-03	-	-	-	-	154	2574	-	-	-	-	-	-	154	2574		
	2003-04	-	-	-	-	166	5709	-	-	-	-	-	-	166	5709		
	2004-05	-	-	-	-	163	5775	8	176	-	-	-	-	171	5951		
	2005-06	-	-	-	-	151	5736	22	547	-	-	-	-	173	6283		
	2006-07	-	-	-	-	184	6250	17	417	-	-	-	-	201	6667		
	2007-08	-	-	-	-	194	6648	19	572	-	-	-	-	213	7220		
	2008-09	-	-	-	-	195	6432	55	1110	-	-	-	-	250	7542		
	2009-10	-	-	-	-	195	6271	78	960	-	-	-	-	273	7231		
	2010-11	-	-	-	-	184	5942	109	2112	-	-	-	-	293	8054		
	2011-12	0	0	0	0	241	8116	144	3876	0	0	0	0	385	11992		
	2012-13	0	0	80	4084	274	9189	121	2860	-	-	-	-	475	16133		
	2013-14	0	0	0	0	394	13551	175	4669	-	-	-	-	569	18220		
	2014-15	0	0	123	6526												

Table 3.2.8(Contd...)

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

(GRT in '000)

Port	Year	Container		Break Bulk		Dry Bulk		Liquid Bulk		Lash		Ro-Ro		Total			
		No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Paradip	2000-01	3	26	8	138	632	16260	243	3845	15	437	-	-	-	-	901	20706
	2001-02	5	43	8	72	636	16616	241	3716	9	305	1	Neg.	-	900	20752	
	2002-03	17	156	4	39	669	18879	197	3329	3	91	-	-	-	890	22494	
	2003-04	23	192	85	228	757	20400	165	2674	-	-	-	-	-	-	23494	
	2004-05	10	101	144	369	882	23709	136	2467	-	-	-	-	-	1172	26646	
	2005-06	14	146	102	226	1001	27470	146	3001	-	-	-	-	-	1263	30843	
	2006-07	11	88	76	403	1098	30134	217	4211	-	-	-	-	-	1355	34816	
	2007-08	19	134	118	577	1213	31861	232	4977	-	-	-	-	-	1513	37549	
	2008-09	9	84	79	631	1226	33378	239	5436	0	0	-	-	-	1553	36528	
	2009-10	12	118	41	453	1151	32160	327	11693	-	-	-	-	-	1531	44424	
	2010-11	15	141	22	243	1098	30991	352	12623	-	-	-	-	-	1487	43998	
	2011-12	30	289	75	604	904	27847	317	13593	-	-	-	-	-	1326	42333	
	2012-13	32	416	53	517	883	28174	309	14348	-	-	-	-	-	1277	43455	
	2013-14	27	287	24	244	1068	34393	325	15704	-	-	-	-	-	1444	50627	
	2014-15	18	203	14	214	1033	35637	335	15910	-	-	-	-	-	1400	51964	
	2015-16	25	123	26	135	1090	21955	390	10387	-	-	-	-	-	1531	32600	
	2016-17	11	46	54	570	1149	24050	366	12294	-	-	-	-	-	1580	36960	
	2017-18	22	147	81	935	1270	26995	465	15214	-	-	-	-	-	1838	43291	
	2018-19	25	191	84	928	1317	28703	531	16365	-	-	-	-	-	1957	46188	
	2019-20	29	231	102	1048	1324	28911	549	16274	0	0	0	0	0	2004	46463	
	2020-21	48	341	134	1445	1376	29967	493	14534	0	0	0	0	0	2051	46288	
	2021-22	43	734	135	3281	1304	49410	525	26865	0	0	0	0	0	2007	80291	
	2022-23	40	752	114	2494	1711	62508	516	28161	0	0	0	0	0	2381	93915	
SMP (Kolkata*)	2000-01	255	1802	191	1406	1	6	251	3694	14	399	12	143	724	7450		
	2001-02	241	1892	183	1421	-	-	226	2790	10	286	3	39	663	6428		
	2002-03	294	2339	215	1517	-	-	201	3070	2	57	-	-	712	6983		
	2003-04	307	2536	218	1412	4	78	222	3506	-	-	-	-	751	7532		
	2004-05	327	2648	224	1186	7	91	192	3592	-	-	-	-	750	7517		
	2005-06	372	3252	191	1385	16	215	182	3463	-	-	2	22	763	8357		
	2006-07	416	3508	238	1506	27	374	200	3930	-	-	11	120	891	9438		
	2007-08	519	4083	280	1740	38	459	171	3554	-	-	11	112	1012	9948		
	2008-09	526	4435	244	1529	42	557	240	3371	0	0	10	111	1057	9964		
	2009-10	579	5105	400	3009	65	1032	264	1873	-	-	-	-	1308	11019		
	2010-11	570	4720	352	2418	105	1964	269	2358	-	-	6	63	1301	11523		
	2011-12	577	4732	319	2267	60	1274	239	2180	-	-	8	116	1203	10568		
	2012-13	633	5244	288	1998	38	874	245	2360	-	-	12	182	1216	10658		
	2013-14	651	5571	266	2048	67	1656	246	2169	-	-	11	178	1241	11622		
	2014-15	674	5929	259	2235	117	2497	251	1874	-	-	13	211	1314	12746		
	2015-16	793	6999	254	2148	124	2596	257	1856	-	-	14	216	1442	13815		
	2016-17	777	6977	246	2553	34	730	237	1712	-	-	12	184	1306	12157		
	2017-18	764	6724	221	2527	59	1612	262	1894	-	-	16	214	1322	12971		
	2018-19	782	6464	163	1183	175	5571	222	1633	0	0	16	218	1358	15069		
	2019-20	808	6772	165	1276	87	2696	220	1680	0	0	5	66	1285	12489		
	2020-21	677	6003	162	1118	79	2774	108	877	0	0	1	8	1027	10779		
	2021-22	682	6015	142	1065	54	2298	111	828	0	0	0	0	989	10206		
	2022-23	695	6253	153	1344	93	4803	147	1738	0	0	1	8	1089	14145		
SMP (Haldia)	2000-01	226	1437	88	952	367	9429	728	16691	-	-	-	-	1409	28509		
	2001-02	352	2890	97	963	358	9565	722	17112	-	-	9	109	1538	30639		
	2002-03	423	3316	125	1522	402	11341	715	19647	-	-	-	-	1665	35826		
	2003-04	457	3784	136	1462	457	12370	791	22053	-	-	-	-	1841	39669		
	2004-05	501	4197	124	1170	587	16141	881	24297	-	-	-	-	2093	45805		
	2005-06	500	4511	133	1054	761	20830	359	20723	-	-	-	-	2358	53724		
	2006-07	509	4592	121	1292	745	20681	997	28028	-	-	1	22	2300	54625		
	2007-08	499	4372	102	1006	850	21953	969	29218	-	-	1	25	2421	54510		
	2008-09	512	4567	81	800	769	20779	1046	30951	0	0	1	27	2399	56987		
	2009-10	432	4123	68	947	871	24815	860	20733	0	0	0	0	2231	50618		
	2010-11	355	3645	55	507	823	22623	998	24048	0	0	0	0	2231	50823		
	2011-12	291	3092	57	673	763	23397	853	18006	0	0	0	0	1964	45168		
	2012-13	333	3465	89	1298	663	21049	858	15881	0	0	0	0	1943	41693		
	2013-14	315	3144	72	863	669	21800	914	16845	0	0	0	0	1970	42652		
	2014-15	188	2086	54	910	757	26071	908	16935	0	0	0	0	1907	46002		
	2015-16	223	2453	70	1310	714	24190	1019	19806	0	0	0	0	2028	47759		
	2016-17	286	2980	74	1445	748	25929	979	19970	0	0	0	0	2087	50324		
	2017-18	257	3225	88	1532	876	30426	1102	22741	0	0	0	0	2323	57923		
	2018-19	262	3365	78	1332	878	31877	1052	23326	0	0	0	0	2270	59901		
	2019-20	249	3331	78	1213	883	32137	1038	24510	0	0	0	0	2248	61190		
	2020-21	317	4140	91	1729	786	29336	844	24062	0	0	0	0	2038	59267		
	2021-22	264	3383	77	1612	641	24368	974	25174	0	0	0	0	1956	54537		
	2022-23	204	2728	46	681	788	30546	929	23115	0	0	0	0	1967	57069		
All Ports	2000-01	3711	45013	2201	19306	3594	87623	5311	112754	66	1894	114	2632	14997	269222		
	2001-02	4188	55514	2376	20510	3555	91054	5153	110108	42	1251	256	2654	15570	281091		
	2002-03	4482	64152	2653	24144	3655	93988	4955	112757	8	246	299	2780	16052	298067		
	2003-04	4644	72624	2669	21003	4041	105747	5314	124254	2	80	1673	6457	18543	330165		
	2004-05	4425	70425	2675	23081	4640	119073	5463	132332	3	110	357	17563	17563	349301		
	2005-06	4919	75313	2957	31988	5218	138719	5873	145694	0	0	1934	2721	20091	394435		
	2006-07	5281	93277	3133	34412	5393	142866	6148	158137	1	40	337	804	20168	429536		
	2007-08	5439	105734	3133	30287	6204	157268	6401	170988	-	-	2471	6166	21529	470443		
	2008-09	5353	109135	2729	28579	6259	162502	6625	175000	0	0	96	3713	21038	478165		

Table 3.2.9

Distribution of Revenue And Expenditure at Major Ports

(Rs. in crores)

Port/ Year	Total Revenue	Total Expen-diture	Port and Dock Charges including Pilotage		Cargo handling and warehousing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Exp.
DEENDAYAL													
2000-01	326.60	155.95	84.13	50.98	80.87	23.17	0.00	0.04	15.98	10.54	145.62	40.55	30.67
2001-02	337.24	144.84	85.65	37.04	79.75	24.32	0.00	0.05	14.25	10.78	157.59	39.91	32.74
2002-03	374.40	202.33	103.99	67.53	90.40	26.71	0.00	0.07	17.58	10.37	162.43	62.62	35.03
2003-04	387.83	297.21	101.24	81.51	94.44	30.13	0.00	0.04	15.23	12.82	176.92	131.63	41.08
2004-05	386.01	192.58	106.30	83.54	104.89	34.02	0.00	0.05	25.07	13.30	149.75	19.80	41.87
2005-06	386.12	186.11	107.02	79.37	128.67	36.09	0.00	0.10	18.50	15.49	131.93	13.23	41.83
2006-07	466.44	250.19	134.31	86.09	166.29	63.30	0.00	2.74	30.66	14.92	135.18	38.34	44.80
2007-08	505.77	258.68	143.10	110.98	181.42	68.92	0.00	0.93	17.06	17.74	164.19	10.71	49.40
2008-09	591.71	368.40	189.17	154.97	198.14	82.97	0.00	0.30	21.45	26.77	182.95	41.76	61.63
2009-10	634.06	432.39	206.92	164.97	225.09	93.35	0.00	2.24	17.18	28.32	184.87	71.90	71.61
2010-11	676.64	515.16	201.68	157.51	243.78	118.56	0.00	0.30	46.45	29.23	184.73	133.00	76.56
2011-12	822.38	621.86	290.75	255.83	293.32	163.03	1.10	0.55	38.54	28.88	198.67	88.89	84.68
2012-13	982.93	593.27	395.31	246.27	300.44	132.89	1.04	2.72	83.62	35.52	202.52	78.30	97.57
2013-14	1008.04	874.90	385.44	331.29	246.59	124.94	0.77	1.17	111.32	40.82	263.92	274.67	102.01
2014-15	1048.28	1001.33	403.93	302.99	285.75	147.37	1.30	1.00	193.72	49.63	163.58	380.74	119.60
2015-16	1189.40	767.28	497.20	368.65	320.48	195.06	0.94	1.83	163.52	56.04	207.26	145.70	0.00
2016-17	1571.84	877.99	627.79	307.14	450.99	166.92	2.61	5.80	301.75	42.41	188.70	219.20	136.52
2017-18	1736.47	1190.02	669.38	299.80	506.67	176.57	2.56	6.08	296.73	43.30	261.12	512.03	152.23
2018-19	1846.89	1316.20	805.64	310.40	569.76	212.19	1.24	5.93	280.81	33.93	189.43	600.80	152.95
2019-20	1914.57	945.39	987.76	312.52	448.51	202.91	1.51	5.62	222.75	34.63	254.03	231.36	158.36
2020-21	1962.71	1320.15	872.93	322.23	602.65	245.99	8.38	5.12	233.99	33.15	244.76	541.63	172.03
2021-22	2140.59	1316.43	980.45	320.70	669.16	263.99	4.59	5.04	317.73	40.02	168.66	500.16	186.52
2022-23	3142.59	996.83	1284.36	373.11	835.44	310.56	10.53	6.29	481.14	42.69	531.11	47.81	216.36
MUMBAI													
2000-01	563.31	930.66	158.60	136.20	271.01	209.69	3.12	17.84	31.46	38.76	99.12	429.84	98.33
2001-02	556.04	715.54	150.65	108.26	250.02	178.68	3.08	13.75	34.37	38.08	117.92	294.58	82.19
2002-03	913.44	599.58	170.07	101.22	243.15	183.05	2.91	14.34	42.79	49.45	454.52	168.59	82.93
2003-04	492.69	655.23	154.26	100.91	262.08	182.56	2.99	15.40	41.06	36.08	32.30	232.65	87.63
2004-05	842.52	795.76	219.97	127.77	302.11	193.76	4.12	14.55	44.76	35.70	271.56	336.56	87.42
2005-06	1002.33	721.19	241.98	115.55	353.69	196.65	6.47	17.80	58.10	38.98	342.09	260.78	91.43
2006-07	1155.73	978.06	267.33	124.72	404.23	213.71	10.69	20.09	75.96	42.25	397.52	475.43	101.86
2007-08	1312.62	1049.56	260.32	135.73	444.66	240.90	11.09	21.24	102.08	48.52	494.47	482.31	120.86
2008-09	1297.87	1200.80	278.99	174.75	446.21	245.66	10.36	21.85	73.19	58.34	489.12	570.91	129.29
2009-10	1315.02	1293.88	341.31	170.52	445.23	296.28	7.31	26.70	101.29	65.99	419.88	573.66	160.73
2010-11	1436.86	1479.82	356.67	173.22	554.02	457.05	9.48	27.95	107.88	63.24	408.81	542.00	216.36
2011-12	1581.56	1680.92	377.78	178.84	584.17	483.92	14.68	30.24	119.65	66.86	485.28	686.24	234.82
2012-13	1679.59	1957.25	477.41	196.70	626.94	575.16	11.81	33.32	111.18	74.71	452.25	801.66	275.70
2013-14	1712.48	2073.18	497.21	220.17	618.85	588.65	13.26	33.97	235.28	71.43	347.88	903.61	255.35
2014-15	1626.41	1853.24	500.66	214.74	607.27	489.14	14.78	27.99	277.07	73.75	226.63	785.14	262.48
2015-16	1631.92	2105.28	531.05	226.06	686.44	464.91	10.12	23.82	250.77	79.24	153.54	1029.60	281.65
2016-17	1707.26	1933.87	609.27	219.98	569.96	481.55	6.42	25.09	392.15	76.78	129.46	822.20	308.27
2017-18	1673.75	2088.79	569.66	221.34	654.80	521.38	6.55	22.89	329.71	87.90	113.03	862.87	372.41
2018-19	1556.95	2163.99	614.87	248.96	581.59	466.48	5.81	25.60	296.05	95.76	58.63	942.73	384.46
2019-20	1740.96	1551.20	714.02	261.02	552.77	426.47	5.18	25.64	390.67	104.38	78.32	345.50	388.19
2020-21	1730.49	1633.17	803.17	234.42	504.15	378.09	5.22	16.75	393.72	109.79	24.23	511.08	383.04
2021-22	1979.37	2037.14	919.12	264.29	678.07	340.11	9.03	15.45	290.74	92.84	82.41	926.57	397.88
2022-23	2295.00	2307.50	1022.57	270.65	774.68	297.45	9.47	14.12	314.44	54.62	173.84	1219.70	450.96

Table 3.2.9

Distribution of Revenue And Expenditure at Major Ports

(Rs. in crores)

Port/ Year	Total Revenue	Total Expen-diture	Port and Dock Charges including Pilotage		Cargo handling and warehousing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Exp.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
JAWAHARLAL NEHRU													
2000-01	443.17	341.96	101.92	40.07	176.43	131.54	0.00	1.21	47.86	9.30	116.96	130.84	29.00
2001-02	503.77	390.79	133.64	41.35	208.60	137.60	0.00	1.21	44.43	10.48	117.10	168.95	31.20
2002-03	553.22	373.88	160.89	35.84	235.27	135.48	0.00	1.21	45.09	10.29	111.97	161.57	29.49
2003-04	647.79	385.73	176.62	41.36	315.12	142.25	0.00	1.21	47.57	12.98	108.48	151.67	36.26
2004-05	710.50	374.39	154.47	45.88	330.94	161.28	0.00	1.22	47.54	16.02	177.55	114.94	35.05
2005-06	650.25	322.26	144.77	47.82	357.47	131.73	0.00	1.21	46.79	30.00	101.22	68.37	43.13
2006-07	910.47	341.32	158.37	55.68	350.45	140.41	0.00	1.21	52.72	22.31	348.93	75.96	45.75
2007-08	630.75	317.58	119.21	62.13	322.03	125.94	0.00	1.21	56.74	27.68	132.77	32.74	67.88
2008-09	684.88	405.49	141.14	76.13	280.24	134.15	0.00	1.21	66.12	29.86	197.38	75.28	88.86
2009-10	621.07	373.41	160.17	84.36	219.84	144.26	0.00	1.21	64.13	32.80	176.93	25.76	85.02
2010-11	654.08	449.97	162.31	87.41	259.57	154.48	0.00	1.21	65.83	43.29	166.37	57.53	106.05
2011-12	835.00	515.99	166.73	82.84	286.48	185.57	0.00	1.21	77.25	41.95	304.54	79.11	125.31
2012-13	914.20	695.41	182.64	87.26	325.46	244.16	0.00	1.21	8.14	70.98	397.96	156.39	135.41
2013-14	990.29	868.41	207.59	88.69	337.39	267.96	0.00	1.21	92.88	43.40	352.43	319.63	147.52
2014-15	1086.37	891.05	262.23	110.07	426.22	284.98	0.00	1.21	96.59	52.74	301.33	293.87	148.18
2015-16	1989.70	898.06	339.43	162.60	1223.16	339.65	0.00	1.21	102.51	29.17	324.60	204.96	160.47
2016-17	2162.42	821.50	358.80	190.38	1249.24	373.48	0.00	1.21	92.92	35.15	461.46	16.53	204.75
2017-18	2236.34	796.37	430.22	119.42	1336.71	412.32	0.00	1.21	123.95	33.72	345.46	45.14	184.56
2018-19	2490.61	953.98	473.13	142.50	1365.31	372.89	0.00	1.21	218.28	38.60	433.89	190.27	208.51
2019-20	2635.32	1031.83	454.34	241.39	1610.28	394.92	0.00	1.21	129.18	34.93	441.52	162.72	196.66
2020-21	2550.32	1108.92	459.93	281.47	1537.56	420.45	0.00	1.21	154.82	55.72	398.01	89.42	260.65
2021-22	2681.14	1801.73	481.82	389.87	1796.50	858.42	0.00	1.21	112.38	82.00	290.44	200.24	269.99
2022-23	2895.11	1316.82	598.08	426.05	1815.30	395.03	0.00	1.20	132.83	85.70	348.90	107.23	301.61
MORMUGAO													
2000-01	214.74	192.54	37.89	34.74	109.14	57.61	5.33	3.37	9.57	3.11	52.81	50.91	42.80
2001-02	196.96	189.23	46.33	37.52	120.60	47.84	8.39	4.01	12.25	3.66	9.39	56.50	39.70
2002-03	194.83	171.47	48.03	36.28	122.17	43.78	8.06	3.21	9.33	5.15	7.24	43.15	39.90
2003-04	215.16	187.79	53.72	37.80	140.55	49.40	6.61	2.64	6.81	5.22	7.47	53.06	39.67
2004-05	220.72	198.07	54.02	35.67	143.17	52.30	8.93	3.94	9.53	4.59	5.07	58.69	42.88
2005-06	229.25	181.96	55.00	36.49	143.52	55.09	10.01	4.20	12.53	3.69	8.19	39.60	42.89
2006-07	271.87	231.41	63.46	35.83	162.04	63.94	17.12	4.73	15.32	3.81	13.93	71.18	51.92
2007-08	268.02	228.17	62.80	46.26	155.31	68.87	20.15	4.77	9.25	5.38	20.51	43.55	59.34
2008-09	296.96	285.62	74.01	55.74	172.45	76.14	20.89	5.67	8.15	6.02	21.46	65.85	76.20
2009-10	346.10	323.03	90.63	62.88	205.56	98.69	22.33	6.10	8.31	5.44	19.27	87.79	62.13
2010-11	385.86	330.88	100.55	60.07	228.29	108.70	30.95	6.61	12.07	7.72	14.00	89.16	58.62
2011-12	377.73	353.37	103.11	68.23	205.69	113.30	38.82	7.84	11.59	7.98	18.52	94.47	61.55
2012-13	246.10	353.65	65.34	72.87	97.75	104.70	45.12	9.61	13.67	8.55	24.22	93.88	64.04
2013-14	217.75	323.43	86.89	64.77	60.08	96.15	52.11	11.12	12.39	6.99	6.28	82.35	62.05
2014-15	298.58	332.31	113.60	82.88	89.58	96.44	68.38	9.29	15.19	7.38	11.83	85.36	50.96
2015-16	354.08	348.39	114.98	94.31	110.14	114.62	95.11	23.37	22.62	6.93	11.23	109.16	0.00
2016-17	469.44	410.32	164.30	94.51	146.92	135.44	108.78	30.10	23.60	7.94	25.84	142.33	0.00
2017-18	452.28	450.07	151.97	78.67	131.30	102.44	113.51	21.25	28.89	11.32	26.61	176.23	60.16
2018-19	385.80	468.90	128.07	92.21	119.14	131.82	94.52	26.86	24.06	8.84	20.01	151.01	58.16
2019-20	453.71	461.18	168.59	93.81	142.10	117.80	101.13	26.04	19.35	8.67	22.54	214.86	0.00
2020-21	475.71	470.59	164.61	96.68	157.75	120.08	107.07	22.53	17.25	9.03	29.03	222.27	0.00
2021-22	457.66	503.53	155.71	91.88	148.79	129.46	108.24	27.55	20.65	9.95	24.27	244.69	0.00
2022-23	486.00	496.41	187.61	121.14	160.51	120.53	108.19	32.21	11.53	9.77	18.16	212.76	0.00

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

Distribution of Revenue And Expenditure at Major Ports

(Rs. in crores)

Port/ Year	Total Revenue	Total Expen-diture	Port and Dock Charges including Pilotage		Cargo handling and warehousing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Exp.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
NEW MANGALORE													
2000-01	191.73	148.84	34.15	57.59	129.61	23.12	0.13	0.29	11.45	2.13	16.39	39.04	26.67
2001-02	207.14	157.45	35.93	56.85	144.72	24.25	0.27	0.32	13.41	2.19	12.81	49.44	24.40
2002-03	215.05	159.81	46.52	43.38	142.72	26.80	0.15	0.32	13.02	1.98	12.64	63.78	23.55
2003-04	238.03	178.63	55.50	51.71	154.90	29.68	0.16	0.30	13.60	2.08	13.87	70.52	24.34
2004-05	288.35	210.37	65.47	42.71	184.91	37.91	0.40	0.48	16.93	2.71	20.64	102.23	24.33
2005-06	282.17	138.49	66.57	51.67	167.82	39.31	0.87	0.43	19.46	2.76	27.45	18.38	25.94
2006-07	279.87	170.71	61.36	53.13	171.56	44.26	1.59	0.55	21.48	3.12	23.88	41.35	28.30
2007-08	308.77	181.81	63.74	53.37	180.98	49.83	3.54	1.25	22.84	4.03	37.67	41.94	31.39
2008-09	353.98	205.98	70.45	51.49	199.06	59.22	4.63	1.11	26.85	3.91	52.99	54.03	36.22
2009-10	363.17	234.52	68.44	69.33	213.74	60.40	5.36	0.94	30.90	5.05	44.73	51.26	47.54
2010-11	353.17	244.90	62.58	78.45	205.95	52.80	3.16	1.10	36.21	5.68	45.27	57.31	49.56
2011-12	432.42	265.86	71.92	78.64	246.57	55.22	3.03	1.16	50.73	6.81	60.17	69.28	54.75
2012-13	431.07	279.83	88.72	76.97	205.30	60.08	4.13	0.93	46.47	7.09	86.45	76.74	58.02
2013-14	406.81	279.79	121.78	84.99	199.20	71.29	4.77	0.83	39.37	7.99	41.69	44.03	70.66
2014-15	439.90	308.96	128.89	102.46	190.20	67.94	4.90	1.15	69.67	8.55	46.24	60.20	68.66
2015-16	417.76	300.57	140.74	101.11	173.47	62.01	2.90	1.09	47.60	8.14	53.05	52.67	75.55
2016-17	488.55	351.06	203.32	104.49	188.61	79.80	5.40	1.31	50.42	9.81	40.80	68.21	87.44
2017-18	547.45	333.62	180.42	108.80	241.65	72.50	5.68	0.88	77.00	10.49	42.70	65.72	75.23
2018-19	703.32	439.26	227.34	97.81	255.85	94.79	6.35	1.44	110.97	11.70	102.82	161.12	72.40
2019-20	662.46	452.40	220.30	104.66	242.77	87.19	3.71	3.38	105.35	12.06	90.33	179.55	65.56
2020-21	689.93	473.84	208.30	105.02	280.53	84.31	2.76	1.12	104.05	11.49	94.29	212.15	59.75
2021-22	743.26	462.05	227.65	108.65	304.42	90.36	5.17	0.66	107.62	10.38	98.40	202.02	49.98
2022-23	882.73	508.39	269.91	111.00	350.55	85.85	6.32	1.08	116.35	13.71	139.60	231.26	65.49
COCHIN													
2000-01	205.97	239.72	53.67	52.62	112.95	45.30	0.00	0.40	16.98	4.90	22.37	86.26	50.24
2001-02	201.44	239.46	59.89	61.41	108.10	44.11	0.00	0.18	19.07	4.56	14.38	80.73	48.47
2002-03	215.97	196.57	59.47	56.18	119.91	38.06	0.00	0.14	21.30	4.27	15.29	49.36	48.56
2003-04	217.46	196.12	57.02	49.71	123.16	38.68	0.00	0.00	21.28	4.53	16.00	54.24	48.96
2004-05	220.60	216.96	56.68	51.17	128.17	39.03	0.00	0.00	22.63	4.56	13.12	70.71	51.49
2005-06	216.84	187.24	59.88	49.76	101.93	27.64	0.00	0.00	37.14	6.16	17.89	52.20	51.48
2006-07	233.35	206.70	62.99	61.07	105.15	27.61	0.00	0.00	43.93	6.18	21.28	59.13	52.71
2007-08	247.56	243.07	69.33	83.91	108.21	31.72	0.00	0.00	42.40	7.50	27.62	61.86	58.08
2008-09	229.79	244.54	80.10	92.81	77.95	29.04	0.00	0.00	50.36	7.16	21.38	49.07	66.46
2009-10	251.30	340.57	90.61	106.34	88.25	38.08	0.00	0.00	53.21	7.96	19.23	107.62	80.57
2010-11	311.77	397.83	115.21	135.42	92.28	41.10	0.00	0.00	68.59	9.79	35.69	123.35	88.17
2011-12	342.20	426.12	127.86	119.90	115.44	49.87	0.00	0.00	63.80	12.45	35.10	143.98	99.92
2012-13	446.04	511.19	124.26	183.70	119.18	54.22	0.00	0.00	68.18	19.05	134.42	143.80	110.42
2013-14	458.58	566.47	153.39	189.98	128.72	59.85	0.00	0.00	80.43	19.79	96.04	183.69	113.16
2014-15	447.02	519.05	153.81	180.46	141.10	55.79	0.00	0.00	90.91	20.07	61.20	152.79	109.94
2015-16	510.35	439.59	201.18	178.14	147.22	55.24	0.00	0.00	88.85	21.69	73.10	184.52	0.00
2016-17	545.04	572.20	232.75	179.81	168.62	55.03	0.00	0.00	94.87	133.67	48.80	203.69	0.00
2017-18	577.94	659.75	221.63	174.54	199.71	55.08	0.00	0.00	105.45	137.60	51.15	197.18	95.35
2018-19	632.12	706.82	247.59	169.76	229.59	56.11	0.00	0.00	108.33	148.82	46.61	238.26	93.87
2019-20	692.23	670.92	293.89	152.33	245.52	54.38	0.00	0.00	109.62	149.16	43.20	315.05	0.00
2020-21	726.98	719.78	320.06	155.26	256.99	52.88	0.00	0.00	106.27	135.29	43.66	376.35	0.00
2021-22	759.12	750.22	335.86	185.86	270.87	50.22	0.00	0.00	109.07	131.12	43.32	382.92	0.00
2022-23	827.24	821.40	369.73	238.53	274.66	49.55	0.00	0.00	119.18	137.36	63.67	395.96	0.00

Table 3.2.9
(Contd...)

Distribution of Revenue And Expenditure at Major Ports

(Rs. in crores)

Port/ Year	Total Revenue	Total Expen-diture	Port and Dock Charges including Pilotage		Cargo handling and warehousing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Exp.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
V.O. CHIDAMBARANAR													
2000-01	131.28	93.90	46.37	19.52	57.96	11.95	1.54	1.65	8.70	5.94	16.71	33.78	21.06
2001-02	135.38	94.89	49.83	19.80	56.47	10.89	1.89	1.63	8.86	6.66	18.33	36.80	19.11
2002-03	144.74	94.18	55.00	22.40	56.41	11.02	2.65	1.58	10.53	6.75	20.15	33.19	19.24
2003-04	119.94	94.28	23.25	26.68	61.36	11.13	1.89	1.65	8.12	6.13	25.32	29.50	19.19
2004-05	163.35	94.16	59.42	25.81	70.43	10.65	1.81	2.08	6.13	2.08	25.56	29.79	23.75
2005-06	181.58	91.19	66.92	24.37	84.74	10.92	1.90	1.95	5.48	2.09	22.54	29.62	22.24
2006-07	211.73	98.29	77.69	29.00	96.89	10.82	2.76	1.90	5.67	1.98	28.72	29.32	25.27
2007-08	225.04	109.44	70.06	30.11	116.48	12.45	2.77	3.31	6.04	2.25	29.69	34.68	26.64
2008-09	258.21	134.76	73.58	43.51	134.74	15.79	3.49	2.70	7.92	1.72	38.48	36.28	34.76
2009-10	282.98	153.81	80.10	45.22	145.86	17.99	3.56	5.33	8.18	3.86	45.28	35.20	46.21
2010-11	312.73	163.77	79.17	44.07	168.46	20.57	2.02	3.48	11.40	3.90	51.68	44.08	47.67
2011-12	338.61	185.59	98.18	53.23	199.16	24.29	1.97	3.94	11.36	6.36	27.94	45.65	52.12
2012-13	409.21	280.02	101.01	62.56	250.66	82.07	1.39	4.45	10.96	4.64	45.19	68.99	57.31
2013-14	424.10	300.00	110.99	66.07	250.14	74.39	1.60	9.00	14.34	13.78	47.03	68.60	68.16
2014-15	575.99	323.75	127.31	56.01	309.97	86.96	3.61	4.04	25.95	11.83	109.15	94.69	70.22
2015-16	623.38	442.45	137.90	53.33	374.16	82.73	4.01	3.70	34.93	99.78	72.38	202.91	0.00
2016-17	686.70	515.55	164.70	65.11	402.37	77.38	2.83	3.43	28.02	102.00	88.78	267.63	0.00
2017-18	667.28	501.69	143.01	59.87	426.87	69.53	3.10	3.58	41.86	13.79	52.44	260.16	94.76
2018-19	549.16	408.71	128.43	69.76	350.77	74.65	2.86	4.64	37.45	20.17	29.65	209.84	29.65
2019-20	690.42	482.61	162.62	65.34	413.79	65.39	3.56	4.54	56.81	123.72	53.64	169.98	53.64
2020-21	603.21	434.51	172.45	52.97	327.33	53.44	3.13	1.58	46.61	119.91	53.69	206.61	0.00
2021-22	654.53	444.42	192.02	61.87	346.92	60.77	3.87	6.39	54.01	117.35	57.71	198.04	0.00
2022-23	820.49	411.97	262.29	71.20	417.80	69.50	5.39	7.02	51.44	156.91	83.57	107.34	0.00
CHENNAI													
2000-01	474.73	437.13	75.06	68.07	247.38	123.02	42.83	24.08	5.22	2.89	104.24	112.28	106.79
2001-02	624.97	411.43	69.51	64.31	228.52	106.10	38.23	18.88	3.53	2.53	285.18	130.52	89.09
2002-03	446.04	319.36	81.06	50.67	205.08	109.65	45.51	22.56	3.81	3.04	110.58	49.11	84.33
2003-04	413.58	339.39	103.65	47.91	230.46	100.43	31.72	19.89	2.73	2.52	45.02	78.00	90.64
2004-05	474.96	359.01	113.53	59.20	253.92	103.52	32.72	19.38	3.47	3.45	71.32	72.54	100.92
2005-06	520.26	361.90	119.75	55.53	263.42	112.02	34.92	24.09	13.60	4.34	88.57	48.95	116.97
2006-07	673.70	410.92	143.26	55.91	332.03	123.88	47.66	23.49	12.02	4.61	138.73	62.84	140.19
2007-08	890.40	459.14	146.96	63.96	405.68	136.99	50.74	27.16	24.71	5.24	262.31	58.29	167.50
2008-09	853.44	586.78	169.51	69.73	435.01	163.03	48.35	27.81	18.63	5.64	181.94	131.27	189.30
2009-10	903.15	691.99	195.97	79.46	462.98	183.20	42.72	37.78	16.68	7.36	184.80	159.15	225.04
2010-11	875.77	807.70	191.11	93.84	445.32	194.58	28.68	40.99	18.81	8.44	191.85	227.97	241.88
2011-12	840.36	818.23	175.19	97.35	412.60	175.27	22.20	39.69	17.12	7.86	213.25	253.43	244.63
2012-13	883.68	865.42	190.67	111.74	406.84	169.45	17.42	34.53	15.91	9.00	252.84	278.67	262.03
2013-14	811.75	985.53	197.24	110.85	369.78	167.00	19.84	36.77	13.46	9.70	211.43	391.35	269.86
2014-15	926.30	903.22	231.07	97.04	430.29	165.62	22.92	33.63	14.46	7.89	227.56	338.40	260.64
2015-16	983.72	941.51	298.04	91.77	426.84	153.20	16.98	29.28	16.85	5.30	225.01	379.31	282.65
2016-17	952.16	939.57	291.34	91.82	422.11	141.12	19.34	30.04	42.64	7.28	176.73	381.34	287.97
2017-18	952.60	912.31	280.23	90.15	422.85	113.92	20.43	26.97	40.86	5.53	188.23	377.86	297.88
2018-19	988.20	1124.41	301.62	92.75	445.12	109.93	21.13	28.76	41.21	5.80	179.12	561.08	326.09
2019-20	920.49	915.70	299.63	92.65	431.04	116.56	15.57	31.85	41.30	6.90	132.95	337.49	330.25
2020-21	1084.10	1078.28	291.75	96.45	434.45	113.73	21.53	31.52	46.59	7.58	289.78	520.96	308.04
2021-22	1164.97	1054.86	307.91	99.12	464.07	112.85	12.96	33.85	48.81	8.52	331.22	480.14	320.38
2022-23	1357.20	1201.14	378.37	143.85	534.67	114.26	4.80	24.47	50.92	7.09	388.44	558.56	352.91

Table 3.2.9
(Contd...)

Distribution of Revenue And Expenditure at Major Ports

(Rs. in crores)

Port/ Year	Total Revenue	Total Expen-diture	Port and Dock Charges including Pilotage		Cargo handling and warehousing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Exp.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
KAMARAJAR													
2001-02	30.94	66.90	0.18	0.00	30.59	1.48	0.00	0.00	0.00	0.00	0.17	49.59	15.83
2002-03	78.05	71.49	0.00	0.00	76.87	18.29	0.00	0.00	0.00	0.00	1.18	48.89	4.31
2003-04	87.32	93.11	0.00	0.00	85.64	31.85	0.00	0.00	0.00	0.00	1.68	55.35	5.91
2004-05	93.27	83.26	0.00	0.00	92.00	34.68	0.00	0.00	0.00	0.00	1.27	41.53	7.05
2005-06	97.80	88.48	0.00	0.00	92.32	32.90	0.00	0.00	0.00	0.00	5.48	48.97	6.61
2006-07	110.51	75.88	0.00	0.00	101.05	33.37	0.00	0.00	0.00	0.00	9.46	34.81	7.70
2007-08	143.72	104.28	0.00	0.00	128.02	29.95	0.00	0.00	0.00	0.00	15.70	66.41	7.92
2009-10	145.53	96.85	0.00	0.00	142.06	96.85	0.00	0.00	0.00	0.00	3.47	0.00	0.00
2010-11	168.10	112.52	0.00	0.00	167.28	112.52	0.00	0.00	0.00	0.00	0.82	0.00	0.00
2011-12	250.25	153.53	0.00	0.00	248.64	153.53	0.00	0.00	0.00	0.00	1.61	0.00	0.00
2012-13	325.70	152.33	0.00	0.00	320.21	152.33	0.00	0.00	0.00	0.00	5.49	0.00	0.00
2013-14	520.65	118.01	121.56	0.00	373.66	118.01	0.00	0.00	6.71	0.00	18.72	0.00	0.00
2014-15	597.50	154.01	138.05	0.00	415.18	154.01	0.00	0.00	13.20	0.00	31.07	0.00	0.00
2015-16	644.56	268.85	142.62	27.52	452.36	97.36	0.00	0.00	21.50	0.00	28.08	143.97	0.00
2016-17	640.50	187.76	145.06	26.07	447.42	123.13	0.00	0.00	27.66	0.00	20.36	38.56	0.00
2017-18	638.29	268.88	131.34	32.36	469.35	147.98	0.00	0.00	30.29	0.00	7.31	88.54	0.00
2018-19	717.17	376.81	163.18	0.00	512.65	181.77	0.00	0.00	32.15	0.00	9.19	195.04	0.00
2019-20	733.77	523.13	176.17	49.60	482.28	189.93	0.00	0.00	44.73	0.00	30.59	283.60	0.00
2020-21	780.91	291.56	143.17	56.64	593.35	169.93	0.00	0.00	38.07	0.00	6.32	64.99	0.00
2021-22	850.82	312.24	182.82	0.00	618.28	249.90	0.00	0.00	31.50	0.00	18.22	62.34	0.00
2022-23	1009.22	635.72	216.70	0.00	740.71	577.02	0.00	0.00	25.31	0.00	26.50	58.70	0.00
VISAKHAPATNAM													
2000-01	397.82	378.36	96.93	51.46	181.18	72.37	55.75	38.61	14.80	17.07	49.16	140.85	58.00
2001-02	439.28	396.45	127.06	50.23	193.00	71.61	54.86	29.87	20.06	19.87	44.30	172.81	52.06
2002-03	441.61	384.04	137.76	47.66	211.57	67.05	59.14	29.17	19.09	16.21	14.05	166.36	57.59
2003-04	465.41	387.60	133.03	50.33	233.86	64.34	66.02	33.24	21.38	16.51	11.12	166.34	56.84
2004-05	516.51	506.03	148.90	52.30	260.94	65.30	70.96	35.82	21.07	17.03	14.64	282.50	53.08
2005-06	542.89	337.25	158.94	56.30	273.57	73.23	74.62	38.89	21.33	17.29	14.43	94.15	57.39
2006-07	554.68	366.86	162.64	58.14	271.97	69.35	70.39	35.89	28.75	17.52	20.93	123.07	62.89
2007-08	590.90	479.47	176.07	68.91	283.36	72.66	83.74	38.54	22.25	19.36	25.48	200.14	79.86
2008-09	650.87	485.88	187.66	68.78	287.72	98.50	88.53	44.28	35.82	25.68	51.14	136.01	112.63
2009-10	717.67	673.92	205.74	85.40	309.67	107.74	106.18	57.08	39.21	24.08	56.87	209.21	190.41
2010-11	816.30	642.23	221.59	82.85	369.10	129.47	100.88	60.03	47.07	26.92	77.66	234.52	108.44
2011-12	1181.33	1276.72	229.56	93.79	339.97	132.28	104.31	65.89	56.58	28.97	450.91	840.36	115.43
2012-13	889.52	852.48	221.89	112.03	321.79	134.72	105.65	70.11	53.55	30.21	186.64	363.06	142.35
2013-14	949.74	917.68	254.06	122.28	365.28	159.13	118.38	99.83	63.10	34.80	148.92	340.15	161.49
2014-15	962.21	858.84	248.80	97.54	375.79	129.96	121.74	74.57	63.51	34.46	152.37	365.01	157.30
2015-16	1236.97	1201.11	269.93	127.49	382.98	111.68	153.79	82.51	109.26	225.72	321.01	653.71	0.00
2016-17	1040.20	994.91	336.67	117.55	302.57	94.90	124.71	84.80	153.62	46.17	122.63	463.26	188.23
2017-18	1201.30	939.77	373.97	133.67	375.79	95.02	152.69	74.39	163.57	49.39	135.28	396.10	191.20
2018-19	1300.82	1099.90	398.32	133.22	414.69	113.08	161.18	105.99	227.21	40.13	99.42	508.89	198.59
2019-20	1478.58	1182.91	501.28	153.53	514.43	135.28	176.02	94.76	213.06	47.85	73.79	530.90	220.59
2020-21	1523.84	1119.07	541.88	144.87	550.95	153.11	141.45	90.34	211.40	265.82	78.16	464.93	0.00
2021-22	1609.86	1247.00	521.61	147.59	623.81	202.81	146.77	100.33	233.70	289.43	83.97	506.84	0.00
2022-23	1862.10	1331.35	683.66	191.72	647.57	180.14	155.50	113.10	239.68	313.08	135.69	533.31	0.00

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

Distribution of Revenue And Expenditure at Major Ports

(Rs. in crores)

Port/ Year	Total Revenue	Total Expen-diture	Port and Dock Charges including Pilotage		Cargo handling and warehousing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Exp.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
PARADIP													
2000-01	284.49	211.61	75.00	36.70	148.34	41.17	29.60	10.51	9.19	22.67	22.36	60.67	39.89
2001-02	332.17	299.32	82.14	35.87	174.03	76.68	33.09	15.49	7.95	23.89	34.96	98.41	48.98
2002-03	406.54	327.65	88.43	33.66	256.34	82.82	29.04	20.18	7.40	25.20	25.33	115.86	49.93
2003-04	431.50	303.80	92.19	35.16	275.30	85.66	35.00	17.06	10.23	26.72	18.78	90.85	48.35
2004-05	495.64	354.47	104.08	46.08	317.74	95.71	34.69	17.72	14.87	28.36	24.26	115.06	51.54
2005-06	552.59	361.27	118.51	51.88	338.80	97.37	45.83	23.56	10.37	37.15	39.08	99.30	52.01
2006-07	640.37	347.43	134.32	52.54	388.50	119.66	62.89	33.11	11.05	25.77	43.61	64.85	51.50
2007-08	679.80	348.90	133.25	61.59	412.78	121.83	83.06	42.27	10.89	25.09	39.82	33.11	65.01
2008-09	724.86	387.34	150.44	77.27	437.11	128.39	90.01	42.67	10.14	36.15	37.16	29.16	73.70
2009-10	870.50	431.30	186.22	106.29	446.70	132.62	99.14	36.70	16.80	34.38	121.64	40.70	80.61
2010-11	851.15	435.19	176.93	92.45	414.56	139.20	94.95	41.55	18.93	36.91	145.78	44.04	81.04
2011-12	809.84	476.79	177.31	89.97	351.00	150.57	87.15	32.76	23.92	49.63	170.46	59.13	94.73
2012-13	798.22	523.82	196.63	93.42	365.69	157.63	96.76	41.50	24.63	40.81	114.51	87.74	102.72
2013-14	1068.16	728.04	265.26	152.39	482.72	182.06	134.21	41.25	32.40	48.50	153.57	178.42	125.42
2014-15	1160.43	743.13	289.37	176.13	564.12	186.34	134.51	43.61	28.13	50.26	144.30	145.41	141.38
2015-16	1170.93	778.18	320.16	147.75	486.97	183.72	187.61	51.58	29.16	51.30	147.03	202.76	141.07
2016-17	1265.77	842.77	357.99	145.51	554.80	193.38	201.76	54.33	32.65	58.13	118.57	232.57	158.85
2017-18	1579.51	1036.86	381.94	150.89	665.72	180.63	241.63	62.42	37.62	57.95	252.60	387.63	197.34
2018-19	1580.85	975.39	435.33	147.70	697.90	183.38	240.04	59.96	56.99	69.58	150.59	315.18	199.59
2019-20	1725.03	1043.78	491.71	172.56	785.71	170.29	234.30	69.74	51.54	61.94	161.77	376.86	192.39
2020-21	1926.73	954.33	499.42	185.07	823.46	168.26	258.03	57.91	50.83	61.72	294.99	283.88	197.49
2021-22	1895.73	1178.49	500.20	217.01	904.46	129.61	263.04	52.16	64.61	76.58	163.42	496.08	207.05
2022-23	2255.22	959.60	642.77	281.25	1038.27	136.52	286.09	69.76	106.52	58.07	181.57	185.27	228.73
SMP (HALDIA DOCK COMPLEX)													
2000-01	753.12	656.55	469.74	319.83	183.56	41.52	27.46	14.45	30.27	16.98	42.09	213.86	49.91
2001-02	959.85	791.37	625.75	352.56	226.30	42.77	30.85	16.08	32.30	15.47	44.65	317.03	47.46
2002-03	694.54	567.79	318.39	332.73	259.67	44.14	37.11	15.86	35.29	14.01	44.08	114.27	46.78
2003-04	778.01	589.36	384.33	352.47	282.08	43.70	41.03	18.73	39.55	14.16	31.02	112.82	47.48
2004-05	808.31	576.02	395.56	336.67	293.20	46.03	38.97	18.05	47.68	14.91	32.90	111.09	49.27
2005-06	903.32	652.83	411.77	428.30	319.66	52.21	43.82	19.05	56.85	16.38	71.22	84.04	52.85
2006-07	1058.35	623.00	536.21	395.88	319.63	52.90	45.63	17.57	56.62	18.15	100.26	82.78	55.72
2007-08	1030.76	598.26	586.65	351.25	306.54	61.83	55.07	20.82	55.83	15.92	26.67	88.98	59.46
2008-09	1061.96	867.84	580.49	370.22	308.68	69.08	63.45	29.85	64.78	19.51	44.56	303.36	75.82
2009-10	1106.76	915.48	594.78	441.90	219.64	82.95	75.76	33.30	83.24	25.55	133.34	240.81	90.97
2010-11	737.16	922.53	209.82	422.82	290.47	93.42	80.18	32.02	82.07	22.92	74.62	257.30	94.05
2011-12	835.96	956.23	236.06	398.42	340.99	121.21	93.96	40.81	101.87	23.53	63.08	267.85	104.41
2012-13	581.85	679.54	72.13	128.12	212.83	138.37	15.15	14.91	196.36	16.79	85.38	228.03	153.32
2013-14	863.85	1196.51	282.89	471.88	246.13	116.37	82.61	32.49	114.89	29.35	137.33	413.69	132.73
2014-15	588.69	728.67	100.69	151.08	281.67	165.93	24.92	20.76	131.29	8.91	50.12	194.54	187.45
2015-16	1187.63	1212.02	608.06	534.60	391.65	207.38	112.42	57.99	47.21	17.18	28.29	394.87	0.00
2016-17	1334.88	1247.89	573.11	447.65	550.44	318.62	118.59	53.16	51.46	17.79	41.28	410.67	0.00
2017-18	1744.29	1384.60	645.21	497.57	738.69	393.05	149.13	53.56	59.79	20.92	151.47	419.50	0.00
2018-19	1804.66	1314.98	690.54	506.34	805.46	448.39	159.06	60.07	105.99	10.99	43.61	289.19	0.00
2019-20	1761.95	1270.01	646.59	443.05	814.10	472.78	162.41	60.65	78.92	13.88	59.93	279.65	0.00
2020-21	2051.27	1311.38	795.13	430.87	892.41	493.83	156.64	60.66	82.41	10.67	124.68	315.35	0.00
2021-22	1892.63	1308.97	770.73	491.57	801.77	433.49	161.12	68.59	91.43	20.39	67.58	294.93	0.00
2022-23	2114.88	1458.32	834.14	574.49	913.56	511.61	193.68	102.63	110.78	18.94	62.72	250.65	0.00

Table 3.2.9
(Contd...)

Distribution of Revenue And Expenditure at Major Ports

(Rs. in crores)

Port/ Year	Total Revenue	Total Expen-diture	Port and Dock Charges including Pilotage		Cargo handling and warehousing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Exp.
SMP (KOLKATA DOCK SYSTEM)													
1995-96	216.80	214.55	48.86	55.54	131.80	29.15	9.34	7.45	18.94	2.46	7.86	64.85	55.10
1996-97	239.90	225.71	48.69	58.71	142.18	30.67	8.91	8.37	23.29	3.55	16.83	63.54	60.87
1997-98	261.04	258.07	56.38	64.03	155.14	29.33	8.61	11.73	25.59	4.24	15.32	83.80	64.94
1998-99	278.63	295.43	65.53	77.47	159.41	31.54	9.19	11.72	27.63	6.25	16.87	95.89	72.56
1999-00	275.00	313.30	69.91	79.38	149.99	33.79	6.60	10.26	30.78	5.93	17.72	103.32	80.62
2000-01	274.84	378.95	62.62	94.32	138.59	42.07	6.61	11.96	38.35	8.41	28.67	132.24	89.95
2001-02	280.53	328.63	80.63	85.61	107.93	37.71	6.11	11.27	37.06	7.00	48.80	105.91	81.13
2002-03	232.66	288.16	56.81	82.10	119.81	35.96	6.65	8.33	34.55	5.06	14.84	77.03	79.68
2003-04	214.54	307.74	33.03	71.64	115.40	37.37	6.75	6.68	36.97	9.25	22.39	110.19	72.61
2004-05	229.85	301.77	25.63	67.24	117.10	37.32	9.32	7.98	55.28	9.84	22.52	108.47	70.92
2005-06	306.73	286.57	51.18	67.24	142.58	56.98	11.32	7.06	81.11	9.52	20.54	72.99	72.78
2006-07	316.58	308.75	34.36	67.07	165.53	68.52	9.45	9.99	82.59	11.82	24.65	77.14	74.21
2007-08	388.43	317.73	39.27	70.32	191.72	75.63	11.65	10.24	92.82	11.75	52.97	73.80	75.99
2008-09	372.81	520.21	46.24	86.36	174.31	88.23	13.33	11.82	99.82	13.66	39.11	220.55	99.59
2009-10	419.37	556.16	59.25	121.69	193.82	112.27	15.65	15.32	115.58	14.33	35.07	172.56	119.99
2010-11	428.85	540.62	60.09	119.15	185.33	120.56	13.79	15.63	132.21	18.31	37.43	138.14	128.83
2011-12	619.55	598.72	67.83	122.63	198.78	122.68	20.12	17.78	251.36	17.97	81.46	177.58	140.08
2012-13	1367.89	1700.42	321.00	566.14	483.18	244.47	97.68	44.90	306.07	44.53	159.96	528.43	271.95
2013-14	653.18	624.60	78.54	146.92	214.26	16.14	16.51	20.24	159.96	9.13	183.91	254.84	177.33
2014-15	588.69	728.67	100.69	151.08	281.67	165.93	24.92	20.76	131.29	8.91	50.12	194.54	187.45
2015-16	740.73	959.56	183.79	238.71	440.94	292.52	25.95	30.12	51.58	20.09	38.47	378.12	0.00
2016-17	687.20	943.22	116.42	211.54	453.26	297.03	25.65	29.04	51.83	21.92	40.04	383.69	0.00
2017-18	916.73	1672.30	132.29	219.08	300.17	176.23	32.07	1.86	256.38	38.98	195.82	874.13	362.01
2018-19	835.21	1688.19	128.09	247.02	495.46	311.99	39.36	33.39	124.48	82.47	47.82	634.63	378.69
2019-20	839.70	1306.67	124.72	267.98	539.61	319.94	33.25	40.12	44.27	86.89	97.85	591.74	0.00
2020-21	745.18	1383.00	114.42	271.27	479.24	315.68	28.93	32.75	75.35	37.72	47.24	725.58	0.00
2021-22	841.81	1304.67	186.80	242.12	525.03	342.32	32.83	31.43	72.66	40.29	24.49	648.51	0.00
2022-23	870.60	1223.08	185.63	240.37	544.34	387.17	36.23	30.24	76.73	45.37	27.67	519.93	0.00
ALL PORTS													
2000-01	4261.80	4166.17	1296.08	962.10	1837.02	822.58	172.37	124.41	239.83	142.70	716.50	1471.12	643.31
2001-02	4805.71	4223.31	1547.19	950.81	1928.63	801.04	176.77	112.74	247.54	145.17	905.58	1601.18	612.37
2002-03	4911.09	3756.31	1326.42	909.65	2139.37	822.81	191.22	116.97	259.78	151.78	994.30	1153.78	601.32
2003-04	4740.01	4075.42	1397.84	947.19	2374.35	847.18	192.17	116.84	264.53	149.00	511.12	1396.25	618.96
2004-05	5452.93	4355.46	1601.16	986.40	2599.53	911.51	201.92	121.27	314.96	152.55	735.36	1544.16	639.57
2005-06	5981.30	3936.91	1723.58	1080.72	2768.19	922.08	229.76	138.34	381.26	183.85	878.51	934.37	677.55
2006-07	6866.41	4416.90	1836.30	1075.06	3026.27	1033.04	268.18	151.27	436.77	172.44	1298.89	1242.92	742.17
2007-08	7176.62	4680.29	1870.76	1138.52	3201.49	1100.47	321.81	171.74	462.91	190.46	1319.65	1211.08	868.02
2008-09	7487.85	5736.15	2041.78	1321.76	3252.67	1190.20	343.04	189.27	483.23	234.42	1367.13	1748.34	1052.16
2009-10	7976.68	6517.31	2280.14	1538.36	3318.44	1464.68	378.01	222.70	554.71	255.12	1445.38	1775.62	1260.83
2010-11	8008.44	7043.12	1937.71	1547.26	3624.41	1743.01	364.09	230.87	647.52	276.35	1434.71	1948.40	1297.23
2011-12	9267.19	8329.93	2122.28	1639.67	3822.81	1930.74	387.34	241.87	823.77	299.25	2110.99	2805.97	1412.43
2012-13	9956.00	9444.63	2437.01	1937.78	4036.27	2250.25	396.15	258.19	938.74	361.88	2147.83	2905.69	1730.84
2013-14	10085.38	9856.55	2762.84	2050.28	3892.80	2041.94	444.06	287.88	976.53	335.68	2009.15	3455.03	1685.74
2014-15	10346.37	9346.23	2799.10	1722.48	4398.81	2196.41	421.98	238.01	1150.98	334.38	1575.50	3090.69	1764.26
2015-16	12681.13	10662.85	3785.08	2352.04	5616.81	2360.08	609.83	306.50	986.36	620.58	1683.05	4082.26	941.39
2016-17	13551.96	10638.61	4181.52	2201.56	5907.31	2537.78	616.09	318.31	1343.59	559.05	1503.45	3649.88	1372.03
2017-18	14924.23	12235.02	4311.28	2186.16	6470.29	2516.66	727.35	275.09	1592.10	510.90	1823.22	4663.09	2083.13
2018-19	15391.76	13037.53	4742.14	2258.43	6843.29	2757.47	731.56	353.85	1663.98	566.79	1410.79	4998.03	2102.96
2019-20	16249.19	11837.73	5241.62	2410.44	7222.91	2753.84	736.64	363.55	1507.55	685.01	1540.46	4019.26	1605.64
2020-21	16851.38	12298.58	5387.22	2433.22	7440.82	2769.78	733.14	321.49	1561.36	857.89	1728.84	4535.20	1381.00
2021-22	17671.49	13721.75	5762.70	2620.63	8152.15	3264.31	747.62	342.66	1554.91	918.87	1454.11	5143.48	1431.80
2022-23	20818.38	13668.53	6935.82	3043.36	9048.06	3235.19	816.20	402.12	1836.85	943.31	2181.44	4428.48	1616.06

Source : Major Ports

Table 3.2.10 Operating Financial Parameters for Major Ports

(Rs. In crores)

Item/Year	Deendayal	Mumbai	J.L. Nehru	Mormugao	New Mangalore	Cochin	V. O. Chidambaranar	Chennai	Kamarajar	Vishakha patnam	Paradip	SMP (Haldia)	SMP (Kolkata)	All Ports
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Operating Income														
2000-01	180.98	464.19	326.21	161.93	175.34	183.60	114.57	370.49		348.66	262.13	711.03	246.17	3545.30
2001-02	179.65	438.12	386.67	187.57	194.33	187.06	117.05	339.79	30.77	394.98	297.21	915.20	231.73	3900.13
2002-03	211.97	458.92	441.25	187.59	202.41	200.68	124.59	335.46	76.87	427.56	381.21	650.46	217.82	3916.79
2003-04	210.91	460.39	539.31	207.69	224.16	201.46	124.62	368.56	85.64	454.29	412.72	746.99	192.15	4228.89
2004-05	236.26	570.96	630.09	215.65	267.71	207.48	137.79	403.64	92.00	501.87	471.38	775.41	207.33	4717.57
2005-06	254.19	660.24	670.32	221.06	254.72	198.95	159.04	431.69	92.32	528.46	513.51	832.10	286.19	5102.79
2006-07	331.26	757.91	802.79	257.94	255.98	212.08	183.01	534.97	101.04	533.75	596.76	958.09	313.86	5839.44
2007-08	341.57	818.15	890.82	247.51	271.09	220.09	195.35	628.09	128.02	565.42	639.98	1004.09	362.13	6312.31
2008-09	408.76	808.75	965.06	275.49	300.99	208.40	219.73	671.49	137.76	599.73	696.71	1017.39	364.77	6675.03
2009-10	449.19	895.14	1042.06	326.83	318.45	232.08	240.40	718.35	142.66	660.80	748.87	973.42	450.78	7199.03
2010-11	491.91	955.00	1122.63	371.86	307.91	276.08	261.06	683.91	167.31	738.64	705.38	1035.30	459.85	7576.84
2011-12	623.71	1023.05	1167.15	359.20	372.26	307.10	307.67	627.11	248.65	726.42	639.39	982.59	566.06	7950.36
2012-13	780.41	1154.44	1085.11	221.87	334.62	311.61	364.02	630.84	325.71	702.88	683.73	798.15	504.09	7897.48
2013-14	744.12	1304.88	1345.29	211.47	365.12	362.54	377.08	600.33	520.66	800.82	914.60	1043.25	531.65	9121.81
2014-15	884.69	1399.78	1508.08	286.75	393.66	385.82	466.84	698.75	566.44	809.85	1016.15	1176.62	596.97	10190.40
2015-16	908.57	1477.92	1665.10	342.85	364.71	437.25	400.54	541.88	594.98	907.53	1023.90	1088.61	650.68	10404.52
2016-17	1383.15	1477.80	1700.97	443.60	454.51	496.23	597.93	775.43	592.48	917.58	1147.19	1217.37	595.33	11799.57
2017-18	1475.35	1560.46	1890.88	425.69	504.76	526.79	614.84	764.37	630.98	1063.81	1326.90	1498.95	824.78	13108.56
2018-19	1657.47	1498.02	1988.99	382.68	600.50	585.51	519.50	809.08	707.98	1201.39	1430.26	1616.08	893.57	13891.03
2019-20	1728.16	1662.34	1899.61	431.17	572.14	649.03	582.90	787.55	703.18	1404.18	1563.26	1622.71	658.97	14265.20
2020-21	1717.95	1705.61	1921.19	446.67	595.64	683.32	549.52	794.33	581.09	1445.69	1631.74	1807.40	618.66	14498.81
2021-22	1971.93	1896.66	2186.61	433.39	644.86	715.80	596.81	833.76	832.62	1525.9	1732.32	1691.46	733.93	15796.05
2022-23	2611.48	2121.16	2546.23	467.3	743.13	763.57	736.92	968.77	982.72	1726.86	2073.65	1898.56	758.81	18399.16
Operating Expenditure														
2000-01	115.40	500.82	211.12	141.63	109.80	153.46	60.12	324.85		237.51	150.94	442.69	246.71	2695.05
2001-02	104.93	420.96	221.85	132.73	108.01	155.73	58.09	280.91	17.31	223.64	200.91	474.34	222.72	2622.13
2002-03	139.71	430.99	212.31	128.32	96.03	147.21	60.99	270.25	22.60	217.68	211.79	453.52	211.13	2602.53
2003-04	165.58	422.58	234.06	134.73	108.11	141.88	64.78	261.39	37.76	221.26	212.95	476.54	197.55	2679.17
2004-05	172.78	459.20	271.81	139.38	108.14	146.25	64.37	286.47	41.73	223.53	239.41	464.93	193.30	2811.30
2005-06	172.88	460.41	270.33	142.30	120.11	135.04	61.57	312.95	39.51	243.10	261.97	568.79	213.58	3002.54
2006-07	211.86	502.63	287.95	160.22	129.36	147.57	68.97	348.08	41.07	243.79	282.60	540.22	231.61	3195.93
2007-08	247.97	567.25	313.79	184.63	139.87	181.20	74.76	400.85	37.88	279.33	250.78	509.29	243.92	3431.52
2008-09	326.46	629.89	375.37	219.78	151.94	195.46	98.47	455.51	35.33	349.87	358.17	564.48	299.66	4060.39
2009-10	360.48	720.22	393.70	235.25	183.26	232.95	118.61	532.84	30.84	464.71	390.60	674.37	383.60	4721.43
2010-11	382.16	775.00	444.45	241.72	187.59	274.49	119.69	579.73	32.63	407.71	391.15	665.23	402.48	4904.03
2011-12	505.98	821.47	499.63	258.89	196.58	282.14	194.69	564.80	44.23	436.36	417.66	688.28	421.25	5331.96
2012-13	514.97	945.09	598.34	259.76	203.08	367.39	211.02	586.75	44.96	489.42	441.11	720.21	451.78	5833.88
2013-14	600.22	965.82	611.03	241.08	235.76	382.78	231.41	594.17	57.10	577.55	549.65	782.83	515.02	6344.42
2014-15	620.59	1068.10	671.51	246.95	248.75	366.27	229.13	564.81	58.78	493.84	597.75	854.76	534.14	6555.38
2015-16	621.58	1075.69	693.12	239.23	247.91	366.36	239.54	562.20	97.36	551.69	575.42	799.97	561.35	6631.42
2016-17	658.79	1111.67	804.97	267.99	282.85	368.51	247.91	558.23	123.13	531.64	610.20	819.44	326.06	6711.39
2017-18	677.99	1225.92	751.24	273.83	291.20	367.22	241.53	534.45	155.57	541.70	649.22	944.19	588.13	7242.19
2018-19	705.40	1221.26	763.71	259.73	278.14	374.67	267.16	563.33	181.77	591.01	660.21	1014.80	592.40	7473.59
2019-20	714.04	1205.70	869.13	246.32	272.84	355.67	254.10	578.21	189.93	662.55	666.92	976.48	628.04	7619.93
2020-21	776.49	1122.09	1019.53	251.31	261.59	343.43	227.90	557.33	226.57	654.15	677.12	985.36	617.70	7720.57
2021-22	816.27	1110.57	1211.59	258.83	260.24	367.30	246.38	571.72	249.91	740.16	682.41	993.95	615.87	8125.20
2022-23	949.02	1087.80	1209.68	283.65	277.13	425.44	307.61	642.59	226.26	798.03	774.32	1188.73	703.15	8873.41

Table 3.2.10
(Contd...)

Operating Financial Parameters for Major Ports

(Rs. In crores)

Item/Year	Deendayal	Mumbai	J.L. Nehru	Mormugao	New Mangalore	Cochin	V.O. Chidambarnar	Chennai	Kamarajar	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														
2000-01	65.58	-36.63	115.09	20.30	65.54	30.14	54.45	45.64		111.15	111.19	268.34	-0.54	850.25
2001-02	74.72	17.16	164.82	54.84	86.32	31.33	58.96	58.88	13.46	171.34	96.30	440.86	9.01	1278.00
2002-03	72.26	27.93	228.94	59.27	106.38	53.47	63.60	65.21	54.27	209.88	169.42	196.94	6.69	1314.26
2003-04	45.33	37.81	305.25	72.96	116.05	59.58	59.84	107.17	47.88	233.03	199.77	270.45	-5.40	1549.72
2004-05	63.48	111.76	358.28	76.27	159.57	61.23	73.42	117.17	50.27	278.34	231.97	310.48	14.03	1906.27
2005-06	81.31	199.83	399.99	78.76	134.61	63.91	97.47	118.74	52.81	285.36	251.54	263.31	72.61	2100.25
2006-07	119.40	255.28	514.84	97.72	126.62	64.50	114.04	186.89	71.03	289.96	314.16	417.87	82.25	2654.56
2007-08	93.60	250.90	577.03	62.88	131.22	38.89	120.59	227.24	90.14	286.09	389.20	494.80	118.21	2880.79
2008-09	82.30	178.86	589.69	55.71	149.05	12.94	121.26	215.98	102.43	249.86	338.54	452.91	65.11	2614.64
2009-10	82.30	178.86	589.69	55.71	149.05	-0.87	121.26	215.98	102.43	249.86	338.54	452.91	65.11	2614.64
2009-10	48.28	88.53	571.36	40.24	117.73	-0.87	101.12	138.65	106.92	135.02	306.11	343.02	-18.83	1953.60
2010-11	109.75	180.00	678.18	130.14	120.32	-0.87	141.37	104.18	134.68	330.93	314.23	370.07	57.37	2672.81
2011-12	117.73	201.58	667.52	100.31	175.68	-88.00	112.98	62.31	204.42	290.06	221.73	294.31	144.81	2618.40
2012-13	265.44	209.35	486.77	-37.89	131.54	-55.78	153.00	44.09	280.75	213.46	242.62	77.94	52.31	2063.60
2013-14	143.90	339.06	734.26	-29.61	129.36	-20.24	145.67	6.16	463.56	223.27	364.95	260.42	16.63	2777.39
2014-15	264.10	331.68	836.57	39.80	144.91	19.55	237.71	133.94	507.66	316.01	418.40	321.86	62.83	3635.02
2015-16	286.99	402.23	971.98	103.62	116.80	70.89	161.00	-20.32	497.62	355.84	448.48	288.64	89.33	3773.10
2016-17	724.36	366.13	896.00	175.61	171.66	127.72	350.02	217.20	469.35	385.94	536.99	397.93	269.27	5088.18
2017-18	797.36	334.54	1139.64	151.86	213.56	159.57	373.31	229.92	475.41	522.11	677.68	554.76	236.65	5866.37
2018-19	952.06	276.76	763.71	122.95	322.36	210.84	252.34	245.75	526.21	610.38	770.05	601.28	301.17	6417.43
2019-20	1014.12	456.64	1030.48	184.85	299.30	293.36	328.80	209.34	513.25	741.63	896.34	646.23	30.93	6645.27
2020-21	941.46	583.52	901.66	195.36	334.05	339.89	321.62	237.00	354.52	791.54	954.62	822.04	0.96	6778.24
2021-22	1155.66	786.09	975.02	174.56	384.62	348.50	350.43	262.04	582.71	785.74	1049.91	697.51	118.06	7670.85
2022-23	1662.46	1033.36	1336.55	183.65	466.00	338.13	429.31	326.18	756.46	928.83	1299.33	709.83	55.66	9525.75
Net Surplus (before tax)														
2000-01	170.65	-367.35	101.21	22.20	42.89	-33.75	37.38	37.60		19.46	72.88	96.57	-104.11	95.63
2001-02	192.40	(-)159.50	112.97	7.73	49.69	-35.02	40.49	213.54	-35.96	42.83	32.85	168.48	-48.40	582.40
2002-03	172.07	313.86	179.35	23.36	55.24	19.40	50.56	126.68	6.56	57.57	78.89	126.75	-55.50	1154.78
2003-04	90.62	(-)162.54	262.06	27.37	59.40	21.34	55.66	74.19	-5.79	77.81	127.70	188.65	-93.20	664.59
2004-05	193.43	46.76	336.13	22.65	77.98	3.64	69.19	115.95	10.01	10.48	141.17	232.29	-72.92	1097.47
2005-06	200.01	283.20	437.16	47.35	143.68	29.60	90.39	158.36	9.32	205.64	191.32	250.49	20.16	2044.39
2006-07	216.24	186.98	569.15	40.47	109.16	26.66	113.45	262.79	34.62	187.82	292.92	435.35	29.76	2320.26
2007-08	247.09	267.96	677.59	39.85	126.96	4.49	115.60	431.26	39.43	111.44	330.90	432.50	97.37	2657.16
2008-09	223.49	107.49	712.30	11.33	148.01	-14.75	123.46	266.66	52.24	164.99	346.54	194.11	-137.61	2244.20
2009-10	201.68	29.99	783.37	23.06	128.66	-89.26	131.87	211.15	58.93	43.75	439.22	191.58	-70.30	2213.57
2010-11	161.48	139.95	786.67	54.99	108.26	-86.08	148.97	68.06	69.86	174.08	415.95	187.40	-43.35	2177.12
2011-12	227.51	76.66	892.95	24.36	166.57	-83.92	147.03	22.13	120.78	-99.39	333.06	89.44	48.80	1974.00
2012-13	389.66	(-)42.83	730.17	-107.55	151.26	-64.15	129.22	18.27	216.74	37.04	269.39	-207.88	-90.34	1941.75
2013-14	133.15	(-)97.59	767.06	-105.68	127.01	-107.90	143.55	17.38	400.20	32.04	340.10	-15.94	-54.30	1960.49
2014-15	469.35	-209.84	842.42	-33.73	130.94	-72.04	219.00	23.09	425.82	103.37	417.29	-13.12	-55.34	2526.99
2015-16	422.12	-473.57	1091.62	5.69	117.18	-40.53	181.42	42.21	375.72	35.85	392.75	-24.39	-218.83	2376.07
2016-17	693.86	-326.85	1344.74	59.12	144.25	-27.16	171.17	12.59	480.09	45.32	422.99	86.99	-256.01	3174.68
2017-18	546.45	-416.53	1442.26	2.23	190.54	13.54	165.59	40.29	423.28	259.53	542.65	359.69	-524.61	3457.27
2018-19	540.70	-607.04	957.33	8.05	264.06	19.18	72.15	-136.21	343.85	200.91	605.46	489.68	-424.55	2934.54
2019-20	1036.79	193.33	1304.95	7.47	210.08	21.30	212.38	4.79	450.60	305.83	681.25	530.45	-447.91	4319.91
2020-21	644.59	97.02	1211.66	2.12	216.09	7.20	168.70	5.82	295.84	405.30	965.71	739.89	-635.81	4028.08
2021-22	824.15	-57.77	849.22	45.87	281.00	8.90	210.10	113.11	538.59	362.86	717.25	583.36	-462.84	4013.80
2022-23	2145.77	-12.50	1578.14	10.41	374.34	5.83	408.52	156.06	577.38	531.20	1295.63	656.56	-352.49	7374.85

Source:- Major Ports

Table 3.2.11**Operating Ratio for Major Ports****(In Percentage)**

Item/Year	Deen dayal	Mumbai	J.L. Nehru	Mormugao	New Mangalore	Cochin	V. O. Chidambaranar	Chennai	Kamarajar	Visakha patnam	Paradip	SMP (Haldia Dock Complex)	SMP (Kolkata Dock System)	All Ports
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2000-01	63.76	107.89	64.72	87.46	62.62	83.58	52.47	87.68	-	68.12	57.58	62.26	100.22	76.02
2001-02	58.41	96.08	57.37	70.76	55.58	83.25	49.63	82.67	56.26	56.62	67.60	51.83	96.11	67.23
2002-03	65.91	93.91	48.12	68.40	47.44	73.35	48.95	80.56	29.40	50.91	55.56	69.72	96.93	66.45
2003-04	78.50	91.79	43.38	64.87	48.23	70.42	51.98	70.92	44.09	48.70	51.60	63.75	102.81	63.35
2004-05	73.13	80.43	43.14	64.63	40.39	70.49	46.72	70.97	45.36	44.54	50.79	59.96	93.23	59.59
2005-06	68.01	69.73	40.33	64.37	47.15	67.88	38.71	72.49	42.80	46.00	51.02	68.36	74.63	58.84
2006-07	63.95	66.33	35.87	62.11	50.53	69.59	37.68	65.07	29.71	45.67	47.36	56.38	73.79	54.38
2007-08	72.60	61.21	35.22	57.22	51.60	69.73	30.78	63.82	17.65	49.40	49.34	44.09	68.13	42.70
2008-09	79.87	77.88	38.90	79.77	50.48	93.79	44.81	67.84	25.65	58.34	51.41	55.48	82.15	60.83
2009-10	80.25	80.46	37.78	71.98	57.55	100.37	49.34	74.18	21.62	70.33	52.16	69.28	85.10	65.58
2010-11	77.69	81.21	39.59	65.00	60.92	99.42	45.85	84.77	19.50	55.20	55.45	59.93	87.52	65.75
2011-12	81.12	80.30	42.81	72.07	52.81	91.87	46.48	90.06	17.67	60.07	65.32	70.06	74.4	66.40
2012-13	65.99	81.87	55.44	117.08	58.93	117.9	57.97	93.01	13.8	69.63	64.62	97.57	89.62	74.36
2013-14	80.66	74.02	45.42	114.00	64.57	105.58	61.37	98.97	10.97	74.87	60.10	75.04	96.87	69.79
2014-15	70.15	76.30	45.82	86.12	64.22	94.93	49.08	80.83	10.38	71.35	59.68	72.65	89.48	65.59
2015-16	63.29	72.77	41.63	69.78	67.97	83.79	43.47	74.10	16.69	60.79	56.20	73.49	77.47	60.73
2016-17	47.63	75.22	47.32	60.41	62.23	74.26	41.46	71.99	20.78	57.94	53.19	67.31	54.77	59.46
2017-18	45.95	78.56	39.73	64.33	57.69	69.71	38.94	69.92	24.64	52.11	48.93	62.99	48.82	54.04
2018-19	42.02	81.52	38.40	67.87	46.32	63.93	51.84	69.63	25.67	49.19	46.16	62.79	70.52	53.75
2019-20	41.32	72.53	45.75	57.13	48.00	54.83	43.59	73.42	27.00	47.18	42.66	60.18	95.31	53.34
2020-21	45.20	65.79	53.07	56.26	43.92	50.26	41.47	70.16	38.99	45.25	41.50	54.52	99.84	53.25
2021-22	41.39	58.55	55.41	59.72	40.36	51.31	41.28	68.57	30.01	48.51	39.39	58.76	83.91	52.87
2022-23	36.34	51.28	47.51	60.63	37.29	55.72	41.34	66.33	23.02	46.21	37.34	62.61	86.69	47.98

Table 3.2.12

Employment of Manpower at Major Ports as on 31st March (2015-2023)

(In Numbers)

PORT	Year								
	2015	2016	2017	2018	2019	2020	2021	2022	2023
1	2	3	4	5	6	7	8	9	10
DPA	3112	2883	3339	2586	2446	2446	2023	2402	1732
MbPA	10897	9969	9445	8629	7540	6429	5404	4532	3777
JNPA	1669	1638	1615	1567	1521	1473	1403	862	794
MoPA	2194	2068	1954	1730	1613	1517	1408	1283	1208
NMPA	1255	1125	947	808	732	626	482	417	370
CoPA	2308	2067	1899	1723	1574	1394	1246	1110	981
VOCA	1496	1366	1000	878	774	691	617	542	476
ChPTA	5733	5502	4597	4336	4126	3953	3704	3470	3154
KPL	102	102	103	98	108	102	99	94	92
VPA	4596	4158	3678	2778	3348	3150	2969	2758	2576
PPA	1771	1454	1222	1007	910	758	639	558	512
SMP(KDS)	4150	3792	3425	3754	2794	2527	2268	1978	1675
SMP (HDC)	2454	2193	2011	1836	1476	1252	1068	918	762
ALL MAJOR PORTS	41737	38317	35235	31730	28962	26318	23330	20924	18109

Source: Major Ports

**Table
3.2.13****Number of Dock Workers Registered With DLB'S of Major Ports [As on 31st March,2015-2023]****(In Numbers)**

PORT	year								
	2015	2016	2017	2018	2019	2020	2021	2022	2023
1	2	3	4	5	6	7	8	9	10
DPT	(a)	593	593	0	0	0	0	0	331
MbPT	(a)	1946	(a)	(a)	(a)	(a)	(a)	(a)	(a)
MoPT	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
CoPT	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
ChPT	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
VPT	868	829	798	738	707	628	571	541	490
SMP (KDS)	154	137	116	85	77	71	66	60	-
TOTAL	1022	3505	1507	823	784	699	637	601	821

(a) Dock Labour Board merged with Port Trust.

**Table
3.2.14****Number of Dock Workers Registered Listed With Major Ports (As on 31st March,2015-2023)****(In Numbers)**

PORT	Year								
	2015	2016	2017	2018	2019	2020	2021	2022	2223
1	2	3	4	5	6	7	8	9	10
ChPT	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
VPT	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-

(a) DLB merged with Port.

Table 3.3.1

Trend in Cargo Traffic Handled At Non-Major Ports State - wise

(In'000 Tonnes)

States/ U.T.	Overseas			Coastal			Overseas & Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
GUJARAT									
2010-11	136606	59900	196506	16896	17505	34401	153502	77405	230907
2011-12	157742	63572	221314	17749	19987	37736	175491	83559	259050
2012-13	185321	66824	252145	17747	17925	35672	203068	84749	287817
2013-14	207152	76215	283367	19898	6680	26578	227050	82895	309945
2014-15	223090	81735	304825	16437	14833	31270	239527	96568	336095
2015-16	223393	83215	306608	15449	17721	33170	238842	100936	339778
2016-17	226078	81188	307266	19190	19284	38473	245268	100471	345739
2017-18	239184	89035	328219	21616	20934	42550	260800	109969	370769
2018-19	256981	92932	349913	24396	24888	49284	281376	117821	399197
2019-20	269702	95205	364907	24071	22813	46884	293774	118018	411791
2020-21	251253	96808	348061	22258	17253	39511	273511	114061	387572
2021-22	252581	107303	359884	27119	18390	45510	279701	125693	405394
2022-23	265671	104307	369978	25825	20556	46381	291495	124863	416359
MAHARASHTRA									
2010-11	4730	2411	7141	7539	195	7734	12269	2606	14875
2011-12	9196	3421	12617	7102	228	7330	16298	3649	19947
2012-13	11630	3131	14761	8759	678	9437	20389	3809	24198
2013-14	13987	2613	16600	7912	152	8064	21899	2765	24664
2014-15	15900	2623	18523	7050	1722	8772	22950	4345	27295
2015-16	18748	2319	21067	5726	2056	7782	24474	4375	28849
2016-17	23897	1403	25300	5113	4481	9594	29010	5884	34894
2017-18	19024	938	19962	12928	5017	17944	31951	5955	37906
2018-19	21307	1194	22501	14937	8348	23285	36245	9542	45786
2019-20	21442	1908	23350	15462	4849	20311	36904	6757	43661
2020-21	18724	2296	21021	14062	4761	18824	32787	7058	39844
2021-22	20876	4566	25442	16920	10112	27032	37796	14679	52474
2022-23	23015	4423	27439	28803	15015	43818	51818	19439	71257
GOA									
2010-11	96	14468	14564	17	-	17	113	14468	14581
2011-12	165	14305	14470	-	-	-	165	14305	14470
2012-13	113	3276	3389	-	-	-	113	3276	3389
2013-14	284	-	284	-	-	-	284	-	284
2014-15	412	347	759	1	-	1	413	347	760
2015-16	170	260	430	-	-	-	170	260	430
2016-17	-	-	-	15	102	117	15	102	117
2017-18	-	-	-	10	62	72	10	62	72
2018-19	-	-	-	3	12	15	3	12	15
2019-20	-	-	-	0	8	8	0	8	8
2020-21	-	-	-	0	35	35	0	35	35
2021-22	0	0	0	5	22	27	5	22	27
2022-23	0	0	0	4	4	8	4	4	8
ANDHRA PRADESH									
2010-11	28663	11523	40186	1337	1744	3081	30000	13267	43267
2011-12	31364	8558	39922	2208	3503	5711	33572	12061	45633
2012-13	36643	9357	46000	3960	1851	5811	40603	11208	51811
2013-14	41766	10090	51856	4801	2035	6836	46567	12125	58692
2014-15	66586	7503	74089	6371	2958	9329	72957	10461	83418
2015-16	54774	7730	62504	8405	1824	10229	63179	9554	72733
2016-17	47408	11274	58682	8442	2479	10921	55850	13753	69603
2017-18	61466	13606	75072	7472	3741	11213	68938	17347	86285
2018-19	73390	14770	88160	10816	4358	15174	84206	19128	103334
2019-20	65571	16306	81876	11315	6714	18028	76885	23019	99905
2020-21	57920	19721	77641	8191	3804	11995	66111	23525	89637
2021-22	57440	17708	75148	9540	3295	12835	66980	21004	87984
2022-23	63703	14691	78395	17755	5282	23037	81458	19974	101432

Table
3.3.1(Contd...)

Trend in Cargo Traffic Handled At Non-Major Ports State - wise

(In'000 Tonnes)

States/ U.T.	Overseas			Coastal			Overseas & Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
KARNATAKA									
2010-11	86	2778	2864	99	132	231	185	2910	3095
2011-12	82	353	435	85	72	157	167	425	592
2012-13	216	225	441	80	89	169	296	314	610
2013-14	287	117	404	103	2	105	390	119	509
2014-15	252	188	440	96	115	211	348	303	651
2015-16	285	268	553	172	110	282	457	378	835
2016-17	296	78	374	221	113	334	517	191	708
2017-18	319	0	319	281	80	361	600	80	680
2018-19	349	156	504	416	124	540	765	280	1044
2019-20	569	26	596	252	88	339	821	114	935
2020-21	363	264	626	123	35	159	486	299	785
2021-22	265	357	622	110	55	165	375	412	787
2022-23	449	522	971	37	48	86	486	571	1057
KERALA									
2010-11	1	8	9	37	78	115	38	86	124
2011-12	-	6	6	17	81	98	17	87	104
2012-13	-	8	8	16	72	88	16	80	96
2013-14	2	-	2	16	72	88	18	72	90
2014-15	-	7	7	56	96	152	56	103	159
2015-16	6	10	16	22	106	128	28	116	144
2016-17	2	7	9	19	112	131	21	119	140
2017-18	0	6	6	12	120	132	12	126	138
2018-19	2	4	6	93	122	216	96	126	222
2019-20	1	0	1	37	118	155	38	118	156
2020-21	0	0	0	17	96	113	17	96	113
2021-22	0	1	1	134	5	139	134	6	140
2022-23	0	0	0	8	101	109	8	101	109
TAMIL NADU									
2010-11	306	7	313	811	487	1298	1117	494	1611
2011-12	307	1	308	544	358	902	851	359	1210
2012-13	285	8	293	289	351	640	574	359	933
2013-14	306	9	315	243	308	551	549	317	866
2014-15	292	5	297	307	221	528	599	226	825
2015-16	424	15	439	145	272	417	569	287	856
2016-17	612	29	641	232	279	511	844	308	1152
2017-18	414	123	537	193	374	566	607	496	1103
2018-19	628	32	660	9	291	300	638	323	960
2019-20	4611	6595	11206	78	85	164	4689	6681	11370
2020-21	2099	2060	4159	1189	2059	3248	3288	4119	7407
2021-22	3608	3680	7287	345	208	553	3953	3888	7840
2022-23	4784	4519	9302	433	136	569	5217	4654	9871
PUDUCHERRY									
2010-11	4627	101	4728	-	-	-	4627	101	4728
2011-12	6240	168	6408	-	13	13	6240	181	6421
2012-13	6436	431	6867	-	42	42	6436	473	6909
2013-14	5938	306	6244	-	37	37	5938	343	6281
2014-15	4499	89	4588	322	48	370	4821	137	4958
2015-16	5569	138	5707	267	-	267	5836	138	5974
2016-17	7638	26	7664	763	685	1448	8401	711	9112
2017-18	7275	689	7964	156	2	158	7431	691	8122
2018-19	6510	55	6565	1390	415	1805	7900	470	8370
2019-20	7778	3	7782	1679	641	2319	9457	644	10101
2020-21	5292	111	5404	1287	638	1926	6580	750	7330
2021-22	3800	281	4081	1278	479	1757	5078	761	5839
2022-23	4298	31	4328	5477	314	5791	9775	345	10120

**Table 3.3.1
(Contd...)**

Trend in Cargo Traffic Handled At Non-Major Ports State - wise

(In'000 Tonnes)

States/ U.T.	Overseas			Coastal			Overseas & Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
ODISHA									
2010-11	174	291	465	-	-	-	174	291	465
2011-12	5064	-	5064	-	20	20	5064	20	5084
2012-13	8733	288	9021	-	2047	2047	8733	2335	11068
2013-14	10225	924	11149	-	3222	3222	10225	4146	14371
2014-15	14051	99	14150	-	1302	1302	14051	1401	15452
2015-16	13891	576	14467	63	419	482	13954	995	14949
2016-17	14511	4007	18518	69	3886	3955	14580	7893	22473
2017-18	14970	3623	18593	104	3898	4002	15074	7521	22595
2018-19	13579	4332	17911	193	4082	4275	13772	8414	22186
2019-20	20860	10444	31304	295	3670	3965	21155	14114	35269
2020-21	23973	15469	39442	213	3378	3591	24186	18847	43033
2021-22	27832	11016	38848	268	2427	2695	28100	13443	41543
2022-23	26845	8615	35461	114	3136	3250	26960	11751	38711
ANDAMAN NICOBAR ISLANDS									
2010-11	342	-	342	985	352	1337	1327	352	1679
2011-12	10	-	10	950	248	1198	960	248	1208
2012-13	7	-	7	854	205	1059	861	205	1066
2013-14	51	-	51	797	301	1098	848	301	1149
2014-15	17	-	17	874	265	1139	891	265	1156
2015-16	45	-	45	999	279	1278	1044	279	1323
2016-17	48	-	48	939	289	1228	987	289	1276
2017-18	138	-	138	973	306	1279	1112	306	1418
2018-19	67	-	67	1106	321	1427	1173	321	1495
2019-20	56	-	56	1454	340	1794	1510	340	1851
2020-21	191	-	191	980	261	1241	1171	261	1433
2021-22	86	0	86	1112	338	1450	1197	338	1535
2022-23	160	0	160	1276	440	1716	1436	440	1876
LAKSHADWEEP									
2010-11	-	-	-	26	-	26	26	-	26
2011-12	-	-	-	26	-	26	26	-	26
2012-13	-	-	-	26	-	26	26	-	26
2013-14	-	-	-	115	4	119	115	4	119
2014-15	-	-	-	115	4	119	115	4	119
2015-16	-	-	-	-	-	-	-	-	-
2016-17	-	-	-	-	-	-	-	-	-
2017-18	-	-	-	-	-	-	-	-	-
2018-19	-	-	-	-	-	-	-	-	-
2018-19	-	-	-	-	-	-	-	-	-
2020-21	-	-	-	108	8	116	108	8	116
2021-22	-	-	-	178	7	184	178	7	184
2022-23	0	0	0	204	14	218	204	14	218
TOTAL									
2010-11	175631	91487	267118	27747	20493	48240	203378	111980	315358
2011-12	210170	90384	300554	28681	24510	53191	238851	114894	353745
2012-13	249384	83548	332932	31731	23260	54991	281115	106808	387923
2013-14	279998	90274	370272	33885	12813	46698	313883	103087	416970
2014-15	325099	92596	417695	31629	21564	53193	356728	114160	470888
2015-16	317305	94531	411836	31248	22787	54035	348553	117318	465871
2016-17	320490	98012	418502	35003	31710	66712	355493	129721	485214
2017-18	342791	108020	450811	43744	34534	78278	386535	142554	529089
2018-19	372814	113474	486288	53358	42962	96321	426172	156436	582609
2019-20	390590	130487	521078	54642	39326	93969	445233	169814	615046
2020-21	359815	136730	496545	48428	32330	80759	408243	169060	577303
2021-22	366488	144911	511399	57008	35339	92348	423496	180251	603747
2022-23	388925	137109	526034	79935	45048	124983	468860	182157	651017

Source:- Non-Major Ports / State Maritime Board

Table 3.3.2

Cargo Traffic Handled At Non-Major Ports State-wise & Commodity wise

(In'000 Tonnes)

States	POL & Products	Iron ore	Building Material	Coal	Fertiliser & FRM	Container	Others	Total
1	2	3	4	5	6	7	8	9
GUJARAT								
2005-06	60149	5191	11000	10541	3636	0	13010	103527
2006-07	71159	5713	11231	11306	4208	0	27648	131265
2007-08	80484	6076	12430	13313	4361	0	33857	150521
2008-09	87382	5900	9585	16464	5092	0	28388	152811
2009-10	132817	6845	9321	21636	5021	0	29943	205583
2010-11	140874	7156	8798	29731	6085	0	38263	230907
2011-12	151487	6919	9022	38372	7185	0	46065	259050
2012-13	165137	7636	8408	54337	6418	24618	21263	27817
2013-14	165578	5169	10002	65759	5950	37043	20444	309945
2014-15	163631	5632	8925	79987	7529	43677	26714	336095
2015-16	174875	7511	9075	65903	10331	47930	24153	339778
2016-17	180315	9379	9730	62421	8704	53124	22066	345739
2017-18	188465	11584	10509	65962	5475	66312	22462	370769
2018-19	186734	14019	10536	76772	7194	74985	28956	399197
2019-20	190701	14996	10208	77974	8152	79235	30525	411791
2020-21	151503	12430	10665	65415	9706	90878	46975	387572
2021-22	160373	15849	8214	52724	7894	103236	57103	405394
2022-23	161439	13381	9656	60846	7931	105157	65880	416359
MAHARASHTRA								
2005-06	230	4947	1495	2550	38	0	1896	11156
2006-07	576	4582	1772	2290	473	0	1887	11580
2007-08	396	3735	2251	1992	442	0	2547	11363
2008-09	0	4273	2352	1460	277	0	2054	10416
2009-10	0	5055	2199	2880	221	0	1691	12046
2010-11	0	5120	2277	4997	228	0	2253	14875
2011-12	0	6362	2490	7589	230	0	3276	19947
2012-13	397	7818	2042	10396	84	0	3461	24198
2013-14	1123	7615	1998	9715	140	0	4073	24664
2014-15	1248	8824	2120	10924	171	0	4008	27295
2015-16	3225	7611	2243	12173	151	0	3446	28849
2016-17	2161	15049	2506	11137	243	0	3798	34894
2017-18	2528	13378	2125	15481	870	0	3523	37906
2018-19	2655	17653	2329	18750	526	0	3874	45786
2019-20	3779	9547	2408	22253	952	0	4721	43661
2020-21	177	9439	1785	18988	408	1	9046	39844
2021-22	146	15261	2599	22758	334	0	11377	52474
2022-23	0	27215	2085	28338	386	0	13232	71257
GOA								
2005-06	0	11428	0	333	0	0	1	11762
2006-07	0	14027	0	279	0	0	0	14306
2007-08	0	12736	0	89	0	0	0	12825
2008-09	0	11901	0	0	0	0	0	11901
2009-10	0	13679	0	218	0	0	0	13897
2010-11	0	14581	0	0	0	0	0	14581
2011-12	0	14305	0	165	0	0	0	14470
2012-13	0	3276	0	113	0	0	0	3389
2013-14	0	0	0	284	0	0	0	284
2014-15	0	347	1	412	0	0	0	760
2015-16	0	260	0	170	0	0	0	430
2016-17	0	117	0	0	0	0	0	117
2017-18	0	72	0	0	0	0	0	72
2018-19	0	0	0	0	0	0	15	15
2019-20	0	2	0	0	0	0	6	8
2020-21	0	7	0	0	0	0	29	35
2021-22	0	2	0	2	0	0	24	27
2022-23	0	0	0	2	0	0	6	8

**Table 3.3.2
(Contd...)**

Cargo Traffic Handled At Non-Major Ports State-wise & Commodity wise

(In'000 Tonnes)

States	POL & Products	Iron ore	Building Material	Coal	Fertiliser & FRM	Container	Others	Total
1	2	3	4	5	6	7	8	9
ANDHRA PRADESH								
2005-06	8507	3876	410	138	1837	0	2906	17674
2006-07	8490	3876	343	138	1950	0	3812	18609
2007-08	9208	3593	97	49	1977	0	4366	19290
2008-09	9438	9465	155	3520	3231	0	3911	29720
2009-10	3666	15263	708	15243	4174	0	4636	43690
2010-11	2786	8957	484	19618	5799	0	5623	43267
2011-12	3508	2974	859	23512	7035	0	7745	45633
2012-13	1762	977	1111	30854	5135	0	11972	51811
2013-14	1707	1475	1550	35957	5455	0	12548	58692
2014-15	1403	10526	2492	48662	5362	0	14973	83418
2015-16	1428	1620	1978	46203	5956	1807	13741	72733
2016-17	2712	2983	1656	39521	4870	4246	13615	69603
2017-18	1449	5949	1731	45262	5106	7793	18995	86285
2018-19	1398	8130	2389	56312	7486	8835	18785	103334
2019-20	1406	5421	1134	55034	6151	9356	21401	99905
2020-21	1359	7662	798	46540	2315	5797	25165	89637
2021-22	1416	4431	1196	45859	4855	2431	27797	87984
2022-23	1155	4657	175	59136	6048	1828	28434	101433
KARNATAKA								
2005-06	98	3398	9	4	30	0	578	4117
2006-07	141	5775	10	2	102	0	531	6561
2007-08	55	8042	5	0	36	0	761	8899
2008-09	17	4283	7	13	29	0	619	4968
2009-10	36	7841	29	0	0	0	641	8547
2010-11	31	2322	77	0	17	0	648	3095
2011-12	0	0	19	0	29	0	544	592
2012-13	38	0	0	5	52	0	515	610
2013-14	38	0	0	6	75	0	390	509
2014-15	40	0	85	0	47	0	479	651
2015-16	82	0	81	0	57	0	615	835
2016-17	111	0	86	0	40	0	470	707
2017-18	182	0	44	0	36	0	419	680
2018-19	164	2	44	0	49	0	785	1044
2019-20	156	0	33	0	54	0	693	935
2020-21	0	0	19	0	0	0	766	785
2021-22	260	0	39	0	0	6	483	787
2022-23	350	0	26	0	31	4	645	1057
KERALA								
2005-06	12	0	11	0	0	0	112	135
2006-07	12	0	16	0	0	0	144	172
2007-08	2	0	19	0	0	0	83	104
2008-09	11	0	40	0	0	0	80	131
2009-10	1	0	26	0	0	0	92	119
2010-11	16	0	11	0	0	0	97	124
2011-12	4	0	87	0	0	0	13	104
2012-13	7	0	30	0	0	0	59	96
2013-14	8	0	15	0	0	0	67	90
2014-15	18	0	18	0	0	0	123	159
2015-16	19	0	1	0	0	0	124	144
2016-17	19	0	0	0	0	0	121	140
2017-18	22	0	0	0	0	0	116	138
2018-19	21	0	4	0	0	27	169	222
2019-20	23	0	2	0	0	0	131	156
2020-21	25	0	0	0	0	0	88	113
2021-22	0	0	0	0	0	7	133	140
2022-23	11	0	0	0	0	0	98	109

Table 3.3.2
(Contd...)

Cargo Traffic Handled At Non-Major Ports State-wise & Commodity wise

(In'000 Tonnes)

States	POL & Products	Iron ore	Building Material	Coal	Fertiliser & FRM	Container	Others	Total
1	2	3	4	5	6	7	8	9
TAMIL NADU								
2005-06	592	0	0	0	56	0	63	711
2006-07	667	0	8	0	69	0	61	805
2007-08	713	0	5	0	93	0	76	887
2008-09	803	0	0	0	21	0	74	898
2009-10	1035	0	0	0	45	0	94	1174
2010-11	1503	0	7	0	58	0	43	1611
2011-12	1114	0	7	0	46	0	43	1210
2012-13	631	0	6	0	252	0	44	933
2013-14	788	0	27	0	41	0	10	866
2014-15	419	0	1	0	292	0	113	825
2015-16	546	0	4	0	30	0	276	856
2016-17	302	0	0	0	36	0	814	1152
2017-18	424	0	4	0	32	0	645	1103
2018-19	574	0	0	0	109	0	277	960
2019-20	509	0	89	0	44	10133	594	11370
2020-21	525	0	210	0	0	6143	529	7407
2021-22	309	0	0	0	0	6367	1164	7840
2022-23	747	0	0	0	0	8168	956	9871
PUDUCHERRY								
2005-06	0	0	57	0	0	0	39	96
2006-07	0	0	17	0	0	0	17	34
2007-08	0	0	0	0	0	0	10	10
2008-09	0	0	0	0	0	0	47	47
2009-10	0	0	22	1157	0	0	137	1316
2010-11	0	0	2	3974	500	0	252	4728
2011-12	45	0	52	4839	1213	0	272	6421
2012-13	411	495	78	4666	607	0	652	6909
2013-14	333	588	177	4453	349	0	381	6281
2014-15	322	336	128	3344	551	0	277	4958
2015-16	267	69	312	4658	421	0	247	5974
2016-17	272	499	756	6967	63	0	555	9112
2017-18	156	696	822	6094	62	1	289	8121
2018-19	0	440	470	6338	350	0	772	8370
2019-20	385	273	364	7862	295	0	922	10101
2020-21	427	54	0	5510	436	0	902	7330
2021-22	351	0	0	4014	348	0	1126	5839
2022-23	338	169	34	8722	92	0	765	10120
ODISHA								
2005-06	0	0	0	0	0	0	0	0
2006-07	0	0	0	0	0	0	0	0
2007-08	0	41	0	0	201	0	53	295
2008-09	0	41	0	0	201	0	53	295
2009-10	0	130	0	142	32	0	161	465
2010-11	0	130	0	142	32	0	161	465
2011-12	0	56	0	4563	0	0	465	5084
2012-13	0	1653	0	8893	0	0	522	11068
2013-14	0	3491	0	10147	0	0	733	14371
2014-15	0	1129	0	13408	0	0	915	15452
2015-16	0	312	0	12767	0	0	1870	14949
2016-17	0	6427	50	13709	281	0	2006	22473
2017-18	0	4916	29	13860	134	0	3656	22595
2018-19	0	4579	59	12924	510	0	4113	22186
2019-20	0	9729	175	15401	311	0	9654	35269
2020-21	3446	13398	0	17387	548	0	8254	43033
2021-22	0	6909	150	19565	446	0	14472	41543
2022-23	0	6426	0	21365	281	0	10639	38711

Table 3.3.2

Cargo Traffic Handled At Non-Major Ports State-wise & Commodity wise

(In'000 Tonnes)

States	POL & Products	Iron ore	Building Material	Coal	Fertiliser & FRM	Container	Others	Total
1	2	3	4	5	6	7	8	9
ANDAMAN NICOBAR ISLANDS								
2005-06	136	0	412	0	17	0	350	915
2006-07	155	0	994	0	16	0	399	1564
2007-08	177	0	1457	0	2	0	523	2159
2008-09	165	0	1120	0	4	0	720	2009
2009-10	165	0	837	0	8	0	1064	2074
2010-11	168	0	671	0	6	0	834	1679
2011-12	164	0	330	0	4	0	710	1208
2012-13	182	0	278	0	0	291	315	1066
2013-14	181	0	342	0	0	309	317	1149
2014-15	176	0	387	0	0	351	242	1156
2015-16	199	0	479	0	0	374	271	1323
2016-17	178	0	386	0	0	442	270	1276
2017-18	196	0	324	25	0	485	388	1418
2018-19	203	0	329	0	0	619	343	1495
2019-20	199	0	590	0	0	698	364	1851
2020-21	147	0	369	0	0	550	367	1433
2021-22	173	0	407	0	0	508	446	1535
2022-23	191		407			614	663	1875
LAKSHADWEEP								
2005-06	0	0	0	0	0	0	26	26
2006-07	0	0	0	0	0	0	26	26
2007-08	0	0	0	0	0	0	26	26
2008-09	0	0	0	0	0	0	26	26
2009-10	0	0	0	0	0	0	26	26
2010-11	0	0	0	0	0	0	26	26
2011-12	0	0	0	0	0	0	26	26
2012-13	0	0	0	0	0	0	26	26
2013-14	21	0	67	0	0	0	31	119
2014-15	21	0	67	0	0	0	31	119
2015-16	0	0	0	0	0	0	0	0
2016-17	0	0	0	0	0	0	0	0
2017-18	0	0	0	0	0	0	0	0
2018-19	0	0	0	0	0	0	0	0
2019-20	0	0	0	0	0	0	0	0
2020-21	18	0	40	0	0	0	57	116
2021-22	17	0	92	0	0	0	75	184
2022-23	30	0	96	0	0	0	93	218
TOTAL								
2005-06	69724	28840	13394	13566	5614	0	18981	150119
2006-07	81200	33973	14391	14015	6818	0	34525	184922
2007-08	91035	34223	16264	15443	7112	0	42302	206379
2008-09	97816	35863	13259	21457	8855	0	35972	213222
2009-10	137720	48813	13142	41276	9501	0	38485	288937
2010-11	145378	38266	12327	58462	12725	0	48200	315358
2011-12	156322	30616	12866	79040	15742	0	59159	353745
2012-13	168565	21855	11953	109264	12548	24909	38829	387923
2013-14	169777	18338	14178	126321	12010	37352	38994	416970
2014-15	167278	26794	14224	156737	13952	44028	47875	470888
2015-16	180641	17383	14173	141874	16946	50111	44743	465871
2016-17	186070	34454	15170	133755	14237	57812	43715	485213
2017-18	193422	36596	15588	146684	11714	74592	50493	529089
2018-19	191749	44823	16162	171096	16224	84467	58089	582609
2019-20	197158	39968	15003	178525	15959	99422	69012	615046
2020-21	157628	42989	13885	153841	13413	103369	92179	577303
2021-22	163045	42453	12697	144922	13878	112554	114199	603747
2022-23	164261	51849	12479	178409	14770	115771	121410	651017

Source: SMB/ Uts

Table 3.3.3

Transshipment Traffic at Non-Major Ports

(In '000 Tonnes)

State/Port	Commodity	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
1	2	3	4	5	6	7	8	10
GUJARAT								
Magdalla	Others	-	-	-	-	-	-	-
MAHARASHTRA								
	Others	-	-	-	-	4356	-	0
ANDHRA PRADESH								
Krishnapatnam	Container	-	-	-	-	2329	-	83
Karnataka								
Belekeri	Barges	1	-	-	-	-	-	-
Hangakatta	Barges	1	-	-	-	-	-	-
Malpe	Barges	1	-	-	-	-	-	-
TAMIL NADU								
Nagapattinam	Others	1	-	-	-	-	-	-
Cuddalore	Others	2	-	-	-	-	2	2
Orissa								
Dharma	Others	-	-	-	2736	-	-	1438
	POL-Crude	-	-	-	-	3446	-	-
	LPG/LNG	-	-	-	-	-	3770	-
Kerala								
Kollam	Others	-	-	-	-	1	-	-
Koavalam/Vizhinjan	Others	-	-	-	-	-	1	-
PUDUCHERRY								
Karaikal	Ethylene	-	-	-	-	-	-	0.4
ANDAMAN & NICOBAR								
All Ports	Container	34	30	46	66	32	17	20
	Others	-	-	-	1	0	0	0
Total Transhipmer		40	30	46	2802	10164	3790	1544

Source: SMB/ Uts

Table 3.3.4**Passenger Traffic Handled At Non-Major Ports**

(In '000 Nos.)

Year	Overseas		Coastal		Total	
	Embarked	Dis-embarked	Embarked	Dis-embarked	Embarked	Dis-embarked
1	2	3	4	5	6	7
2011-12	3	3	11070	9898	11073	9902
2012-13	4	4	11373	10264	11377	10268
2013-14	5	5	11303	10173	11308	10177
2014-15	3	3	10479	8948	10483	8952
2015-16	41	52	11688	10226	11729	10278
2016-17	27	38	12028	10506	12055	10544
2017-18	22	25	12894	11220	12917	11245
2018-19	23	25	13225	11279	13248	11304
2019-20	12	15	17906	3072	17918	3087
2020-21	0	0	6490	3321	6490	3321
2021-22	0	0	8702	6249	8702	6249
2022-23	0.11	0.11	10733	20018	10733	20018

Source: SMB/Uts

Table 3.3.5

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

(In '000 Nos.)

State/UT/Port	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
1	2	3	4	5	6	7	8	9	10	11	12	13
GUJARAT	0	0	0	0	0	0	1	2	1	-	-	
Embarked	-	-	-	-	-	-	1	1	1	-	-	
Disembarked	-	-	-	-	-	-	1	1	1	-	-	
MAHARASHTRA	17926	18415	17800	17835	18072	18282	19119	19291	15908	9173	13667	28175
Embarked	9549	9758	9477	9693	9770	9928	10439	10620	15335	6164	8058	9451
Disembarked	8378	8657	8322	8142	8303	8355	8680	8672	573	3008	5609	18724
KERALA	1	18	25	23	17	18	16	16	16	3	6	0
Embarked	1	9	15	12	9	9	8	8	9	1	3	0
Disembarked	1	9	10	11	8	9	8	7	7	2	3	0
TAMILNADU	2038	2070	2070	0	1992	2080	2186	2012	1996	0	0	0
Embarked	1019	1035	1035	0	996	1040	1093	1006	998	-	-	-
Disembarked	1019	1035	1035	0	996	1040	1093	1006	998	-	-	-
KARNATAKA	0	2	8	11	5	5	11	12	6	1	1	0
Embarked	0	1	4	5	3	3	6	5	4	1	1	-
Disembarked	0	1	4	5	3	3	4	7	2	0	0	-
ANDAMAN GROUP	1009	1139	1261	1244	1920	2213	2829	3217	3078	635	1273	1097
Embarked	505	573	615	611	951	1075	1370	1607	1572	324	638	545
Disembarked	504	566	646	633	969	1138	1459	1610	1506	311	634	553
LAKSHADWEEP	0	0	322	322	0	0	0	0	0	0	0	278
Embarked	-	-	161	161	-	-	-	-	-	-	-	142
Disembarked	-	-	161	161	-	-	-	-	-	-	-	137
DAMAN & DIU											5	0
Embarked	-	-	-	-	-	-	-	-	-	-	2	0
Disembarked	-	-	-	-	-	-	-	-	-	-	2	0
ALL MINOR/ INTERMEDIATE PORTS	20975	21644	21485	19434	22007	22599	24162	24551	21005	9812	14951	29551
Embarked	11073	11376	11307	10483	11729	12055	12917	13247	17918	6490	8702	10137
Disembarked	9902	10268	10178	8952	10278	10544	11245	11303	3087	3321	6249	19413

Source: SMB/UTs

Table 3.3.6

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

(In Number)

Type of vessels/year	Gujarat	Maharashtra	Goa	Karnatka	Kerala	Tamil Nadu	Puducherry	Andhra Pradesh *	Odisha	Sea Island #
1	2	3	4	5	6	7	8	9	10	11
STEAMERS										
2013-14	8577	95	-	120	216	136	184	741	-	9459
2014-15	8577	334	-	154	184	171	149	2565	-	5993
2015-16	N.A	N.A	-	151	156	272	177	1912	-	6405
2016-17	9098	222	-	185	219	500	236	1697	-	9474
2017-18	9213	222	-	160	195	471	179	1721	-	4812
2018-19	9562	352	-	204	280	473	170	2088	-	13087
2019-20	9419	320	-	184	233	496	170	3519	-	16670
2020-21	8090	350	-	158	371	443	129	1706	-	4130
2021-22	9633	339	-	121	254	523	-	1662	-	5012
2022-23	9193	464	-	-	121	633	-	1593	571	5478
SAILING VESSELS										
2013-14	211	2247	15	791	320	289	148	1347	192	4345
2014-15	211	1623	108	820	344	225	15	-	191	1012
2015-16	N.A	N.A	75	749	353	182	21	-	191	2746
2016-17	6104	231	27	805	276	127	10	-	366	3118
2017-18	3084	231	115	559	264	152	79	-	45	1941
2018-19	3072	1571	107	681	267	245	48	-	57	3830
2019-20	3117	2620	76	589	260	108	48	-	132	3162
2020-21	3410	1198	83	359	135	105	2	-	1097	2557
2021-22	3106	1085	107	172	258	77	-	-	143	3869
2022-23	4574	4750	93	-	270	65	-	300	142	1601
TOTAL										
2013-14	8788	2342	15	911	536	425	332	2088	192	13804
2014-15	8788	1957	108	974	528	396	164	2565	191	7005
2015-16	N.A	N.A	75	900	509	454	198	1912	191	9151
2016-17	15202	453	27	990	495	627	246	1697	366	12592
2017-18	12297	453	115	719	459	623	258	1721	45	6753
2018-19	12634	1923	107	885	547	718	218	2088	57	16917
2019-20	12536	2940	76	773	493	604	218	3519	132	19832
2020-21	11500	1548	83	517	506	548	131	1706	1097	6687
2021-22	12739	1424	107	293	512	600	-	1662	143	8881
2022-23	13767	5214	93	0	391	698	-	1893	713	7079

Data relates to Andaman & Nicobar Islands, Data include Lakshdweep only 2013-14

* Data relates to Andhra Pradesh is only Deep water port

Source: SMB/Uts

Table 3.3.7

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

(In numbers)

PORT	Year											
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
1	2	3	4	5	6	7	8	9	10	11	12	13
GUJARAT	1886	1814	1723	1593	1465	1327	1251	1056	935	803	687	627
MAHARASHTRA	158	361	117	111	111	50	50	53	87	84	84	712
GOA	148	155	144	142	150	142	142	136	129	125	158	152
DAMAN & DIU	13	10	10	10	10	10	16	6	5	5	4	3
KARNATAKA	124	124	124	0	60	61	53	53	36	50	51	51
KERALA	136	133	683	674	675	63	89	262	271	274	258	220
TAMIL NADU	56	28	35	19	37	30	49	35	35	38	36	34
PUDUCHERRY	60	485	485	222	178	218	233	245	245	266	266	266
ANDHRA PRADESH	1153	1195	1195	789	789	2153	2153	2278	2331	7487	7412	7609
ANDAMAN & NICOBAR												
Island	422	425	641	647	638	623	603	623	623	279	223	371
Orissa	N.A	367	759	355	355	607	485	361	535	534	419	4347
LAKSHADWEEP	N.A	N.A	111	111	N.A	N.A	N.A	N.A	N.A	N.A	N.A	185
TOTAL	4156	5097	6027	4673	4468	5284	5124	5108	5232	9945	9598	14577

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

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

Source: SMB/Uts

SECTION – II

4. INTERNATIONAL PORT STATISTICS

Table 4.1

World Port Traffic - Port traffic league by TEU of total Containers Handled - 2017-2021

(in '000 TEU)

Rank (2020)	Port Name	Country	Period	2017	2018	2019	2020	2021	Percentage change over previous year	Avg. yearly growth rate 2017-2021
1	2	3	4	5	6	7	8	9	10	11
1	Shanghai	China PR of	CY	40233	41924	43308	43503	47033	8.1	4.0
2	Singapore	Singapore	CY	33667	36599	37196	36871	37468	1.6	2.7
3	Ningbo-Zhoushan	China PR of	CY	24451	26702	27451	28709	31077	8.2	6.2
4	Shenzhen	China PR of	CY	25031	25775	25548	26548	28770	8.4	3.5
5	Guangzhou	China PR of	CY	20087	21547	22747	23186	24180	4.3	4.7
6	Qingdao	China PR of	CY	18310	19320	21010	22010	23700	7.7	6.7
7	Busan	Korea Rep.of	CY	19977	21663	21992	21824	22706	4.0	3.3
8	Tianjin	China PR of	CY	15036	15972	17264	18351	20200	10.1	7.7
9	Hong Kong	China PR of	CY	20770	19596	18303	17969	17798	-1.0	-3.8
10	Rotterdam	Netherland	CY	13734	14513	14821	14349	15300	6.6	2.7
11	Dubai Ports	UAE	CY	15368	14954	14802	13517	13778	1.9	-2.7
12	Port Klang	Malaysia	CY	11978	12316	13581	13244	13724	3.6	3.5
13	Xiamen	China PR of	CY	10368	10689	11081	11463	12028	4.9	3.8
14	Antwerp	Belgium	CY	10451	11100	11860	12031	12020	-0.1	3.6
15	Tanjung Pelepas	Malaysia	CY	8261	8961	9077	9846	11200	13.8	7.9
16	Los Angeles	US	FY	9343	9459	9338	9213	10678	15.9	3.4
17	Saigon Port	Vietnam	CY	6156	6506	7554	9724	10385	6.8	14.0
18	Kaohsiung	Taiwan	CY	10271	10446	10429	9622	9864	2.5	-1.0
19	Long Beach	US	FY	7545	8091	7747	7661	9501	24.0	5.9
20	New York/New Jersey	US	CY	6711	7180	7471	7586	8986	18.5	7.6
21	Hamburg	Germany	CY	8815	8726	9258	8522	8708	2.2	-0.3
22	Laem Chabang	Thailand	CY	7784	8105	7981	7598	8335	9.7	1.7
23	Tanger	Morocco	CY	3271	3472	4802	5771	7174	24.3	21.7
24	Tanjung Priok	Indonesia	CY	5515	5835	5560	6205	6750	8.8	5.2
25	Jawaharlal Nehru (Nhava Sheva)	India	FY	4810	5133	5031	4677	5685	21.6	4.3
26	Savannah	US	CY	4046	4352	4599	4682	5613	19.9	8.5
27	Valencia	Spain	CY	4832	5183	5440	5428	5604	3.2	3.8
28	Bremen Ports/Bremerhaven	Germany	CY	5514	5483	4857	4771	5019	5.2	-2.3
29	Manila	Philippines	CY	4270	5085	5316	4434	4976	12.2	3.9
30	Tokyo	Japan	CY	5049	5108	4682	4262	4863	14.1	-0.9
31	Santos	Brazil	CY	3854	4122	4165	4232	4832	14.2	5.8
32	Algeciras-La Linea	Spain	CY	4381	4773	5125	5108	4767	-6.7	2.1
33	East Port Port Said	Egypt	CY	3480	3105	3658	3510	4765	35.8	8.2
34	Jeddah	Saudi Arabia	CY	4151	4117	4434	4737	4739	0.0	3.4
35	Piraeus	Greece	CY	4120	4886	5646	5202	4731	-9.1	3.5
36	Mina Raysut (Salalah)	Oman	CY	3940	3385	4109	4344	4514	3.9	3.5
37	Khor Fakkan/Shrajah	UAE	CY	4717	4066	4143	4002	4252	6.2	-2.6
38	Saigon NewPort	Viet Nam	CY	2439	2922	3433	3873	4078	5.3	13.7
39	Nortwest Seaporta all	US	CY	3665	3798	3775	3320	3736	12.5	0.5
40	Metro Vancouver	Canada	CY	3242	3396	3399	3468	3681	6.1	3.2
41	Dalian	China PR of	CY	10751	9895	8760	5110	3670	-28.2	-23.6
42	Felixtowe	UK	CY	4160	3781	3838	3544	3538	-0.2	-4.0
43	Barcelona	Spain	CY	2998	3433	3324	2958	3531	19.4	4.2
44	Port of Virginia	US	CY	2841	2856	2938	2813	3523	25.2	5.5
45	Houston	US	CY	2459	2700	2987	3001	3453	15.1	8.9
46	Manzanillo, MX	Mexico	CY	2830	3079	3069	2910	3371	15.8	4.5
47	Inchon	Korea, Rep. Of	CY	3049	3121	3085	3249	3354	3.2	2.4
48	Cartagena	Colombia	CY	2678	2863	2995	3128	3344	6.9	5.7
49	Melbourne	Australia	FY	2929	3021	2700	3104	3233	4.2	2.5
50	Chittagong	Bangladesh	CY	2419	2706	3038	2840	3215	13.2	7.4

Period: CY= calendar year FY= Fiscal year

Source: Shipping Statistics Year Book 2022, Institute of Shipping Economic and Logistics (ISL)

Table 4.2

World Port Traffic - Port Traffic League by Total Cargo Traffic 2017-2021

(In Million Tons)

S.No.	Port position(a)	Country	Nature	Period	Unit	2017	2018	2019	2020	2021	% change over previous year	Avg. Yearly growth 2017-2021
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Ningbo- Zhoushan	China, PR of	1	CY	MT	1009	1084	1120	1172	1224	4.4	4.9
2	Shanghai	China, PR of	1	CY	MT	705	684	664	651	698	7.3	-0.3
3	Qingdao	China, PR of	1	CY	MT	510	543	577	605	630	4.3	5.4
4	Guangzhou	China, PR of	1	CY	MT	570	594	606	612	624	1.8	2.3
5	Singapore	Singapore	1	CY	FT	628	630	627	591	600	1.5	-1.1
6	Port Hedland	Australia	1	FY	MT	505	513	539	546	561	2.8	2.7
7	Rotterdam	Netherlands	1	CY	MT	467	469	469	437	469	7.3	0.1
8	Tianjin	China, PR of	1	CY	MT	433	398	412	421	442	5.0	0.5
9	Busan	Korea, Rep. Of	1	CY	RT	401	461	469	411	439	6.8	2.3
10	Dalian	China, PR of	1	CY	MT	334	343	339	334	316	-5.5	-1.4
11	Kwangyang	Korea, Rep. Of	1	CY	RT	292	302	310	273	292	7.0	-0.1
12	Shenzhen	China, PR of	1	CY	MT	241	251	258	265	278	5.0	3.6
13	Antwerp	Belgium	1	CY	MT	224	235	238	231	240	3.8	1.8
14	Los Angeles	US	1	CY	MT	195	207	183	222	237	6.7	5.0
15	Port Kelang	Malaysia	1	CY	MT	212	221	243	223	235	5.6	2.6
16	Itaqui	Brazil	1	CY	MT	204	235	230	232	228	-1.7	2.8
17	Xiamen	China, PR of	1	CY	MT	241	217	213	208	228	9.7	-1.5
18	Qinhuangdao	China, PR of	1	CY	MT	238	222	211	198	216	9.3	-2.3
19	Hong Kong	China PR of	1	CY	MT	282	259	263	249	214	-14.3	-6.7
20	Houston	US	1	CY	MT	246	244	226	218	211	-3.2	-3.8
21	Port of South Louisiana	US	1	CY	MT	279	275	235	227	208	-8.3	-7.1
22	Long Beach	US	1	FY	RT	167	181	179	167	196	17.4	4.2
23	Ulsan	Korea, Rep. Of	1	CY	RT	202	203	202	188	184	-1.9	-2.3
24	Nagoya	Japan	1	CY	RT	196	197	194	169	178	5.5	-2.4
25	Dubai Ports	UAE	2	CY	MT	179	174	173	174	177	2.1	-0.2
26	Tanjung Pelepas	Malaysia	1	CY	MT	131	140	137	145	168	16.2	6.5
27	Newcastle	Australia	1	CY	MT	167	165	171	164	166	1.0	-0.1
28	Dampier	Australia	1	FY	MT	177	173	168	167	162	-3.3	-2.3
29	Inchon	Korea, Rep. Of	1	CY	RT	166	164	157	152	157	3.5	-1.3
30	Corpus Christi	US	1	CY	MT	93	96	96	101	152	50.4	13.1
31	Santos	Brazil	1	CY	MT	130	133	134	147	147	0.3	3.1
32	Metro Vancouver	Canada	1	CY	MT	142	147	144	145	146	0.7	0.8
33	Chiba	Japan	1	CY	FT	153	153	140	134	135	0.4	-3.2
34	Hamburg	Germany	1	CY	MT	136	135	137	126	129	1.9	-1.5
35	Kaohsiung	Taiwan	1	CY	MT	116	119	114	109	120	10.7	0.9
36	Gladstone	Australia	1	FY	MT	121	124	122	123	119	-2.6	-0.2
37	Saigon Port	Viet Nam	1	CY	MT	95	114	110	107	117	9.7	5.4
38	Chittgong	Bangladesh	1	CY	MT	93	98	102	98	117	18.7	5.8
39	Paradip	India	1	FY	MT	102	109	113	115	116	1.4	3.3
40	Pyeongtaek	Korea, Rep. Of	1	CY	RT	112	115	113	107	116	8.2	0.7
41	Yanbu	Saudi Arabia	1	CY	MT	123	128	130	115	112	-2.7	-2.3
42	Ust-Luga	Russia	1	CY	MT	103	99	104	103	109	6.6	1.4
43	Yokohama	Japan	1	CY	FT	114	114	111	94	105	11.9	-2.0
44	Itaguaí	Brazil	2	CY	MT	113	116	89	98	103	6.0	-2.1
45	Tanger	Morocco	1	CY	MT	51	52	69	84	101	20.2	18.5
46	Vitoria	Brazil	1	CY	MT	138	132	104	80	99	24.2	-7.9
47	New York	US	2	CY	MT	81	85	86	84	99	18.5	5.3
48	Algeciras	Spain	1	CY	MT	96	103	105	104	99	-4.1	0.8
49	Hay Point	Australia	1	FY	MT	120	118	111	98	97	-1.2	-5.2
50	Kitakyushu	Japan	1	CY	FT	102	102	99	88	96	8.9	-1.5

Note: Data presented in Tables, in terms of tons handled, need a careful interpretation as ft, rt, Htand mt are not directly comparable figures.

1 Foreign and domestic traffic. 2 Foreign traffic only. Period: CY = Calendar Year, FY: Fiscal Year

Weight/ Volume (Short and long ewre converted in to matreic tones) : MT=Metric tons. RT = Revenue tones. FT= Freight tones

Source: Shipping Statistics Year Book 2022 Published by Institute of Shipping Economics and Logistics (ISL)

Table 4.3

Cargo Traffic - For Selected Ports in Asia - 2017-2021

Port	Year	Cargo Traffic ('000 Tonnes)				Percentage distribution of cargo traffic			Container Traffic ('000 TEUs)				Percentage of Container Cargo cargo to General Cargo
		Loaded	Unloaded	Total	Growth Rate (%)	General	Dry Bulk	Liquid	Loaded	Unloaded	Total	Growth Rate (%)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Hongkong (China)	2017	106967	174578	281545	9.7	70.0	22.2	7.9	10003	10768	20771	4.8	94.8
	2018	99032	159509	258541	-8.2	71.4	20.3	8.3	9452	10144	19596	-5.7	95.1
	2019	92382	170933	263315	1.8	65.4	26.4	8.2	8775	09528	18303	-6.6	95.7
	2020	79355	169931	249286	-5.5	66.4	27.6	6.0	8578	09391	17969	-1.8	96.2
	2021	78826	134904	213730	-14.3	77.3	16.7	6.1	8544	09254	17798	-1.0	95.4
Shanghai (China)	2017			705420	9.4						40233	8.4	...
	2018			683920	-3.0						41924	4.2	
	2019			663510	-3.0						43308	3.3	
	2020			651050	-1.9						43503	0.5	
	2021			698270	7.3						47033	8.1	
Chiba(a) (Japan)	2017	41403	111888	153291	-0.7	20.2	18.5	61.3					
	2018	43327	109871	153198	-0.1	23.1	22.0	54.8					
	2019	37971	102040	140011	-8.6	24.6	21.7	5.8					
	2020	39381	94628	134009	-4.3	23.7	18.4	57.9					
	2021	34544	97010	131554	0.4	23.6	16.1	60.3					
Port Kelang(a) (Malaysia)	2017	104202	108106	212308	-9.8	92.1	4.9	3.1	5982	5996	11978	-9.3	96.2
	2018	104418	116282	220700	4.0	91.9	4.9	3.2	6137	6179	12316	2.8	96.0
	2019	116804	126258	243062	10.1	94.4	3.7	1.8	6759	6822	13581	10.3	96.1
	2020	107102	115919	223021	-8.2	91.2	7.1	1.7	6626	6618	13244	-2.5	94.7
	2021	112430	123002	235432	5.6	92.0	6.0	2.0	6847	6877	13724	3.6	95.4
Singapore(a) (Singapore)	2017	...	...	627688	5.8	59.9	3.0	37.1	...	...	33667	8.9	92.9
	2018	...	...	630125	0.4	62.2	2.7	35.2	...	...	36599	8.7	93.8
	2019	...	...	626521	-0.6	62.2	2.8	35.0	...	...	37196	1.6	93.8
	2020	...	...	590738	-5.7	63.7	3.4	32.9	...	...	36871	-0.9	95.1
	2021	...	...	599643	1.5	64.3	3.8	32.0	...	...	37468	1.6	94.4

**Table 4.3
(Contd...)**

Cargo Traffic - For Selected Ports in Asia - 2017-2021

Port	Year	Cargo Traffic ('000 Tonnes)				Percentage distribution of cargo traffic			Container Traffic ('000 TEUs)				Percentage of Container Cargo to General Cargo
		Loaded	Unloaded	Total	Growth Rate (%)	General Cargo	Dry Bulk	Liquid Bulk	Loaded	Unloaded	Total	Growth Rate (%)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Dubai													
(UAE)	2017	69831	109162	178993	3.8	97.3	...	...	7327	8041	15368	4.0	...
	2018	68055	106031	174086	-2.7	97.4	...	...	7112	7842	14954	-2.7	...
	2019	66254	106522	172776	-0.8	98.3	...	...	6924	7878	14802	-1.0	...
	2020	63869	109803	173672	0.5	98.3	...	...			13517	-8.7	
	2021	68245	109128	177373	2.1	98.4	...	...			137878	1.9	
Manila													
(Philippines)	2017	20937	48555	69492	6.8	87.5	5.9	6.6	2133	2137	4270	-3.6	81.7
	2018	21701	51909	73610	5.9	86.5	9.9	3.6	2484	2601	5085	19.1	89.2
	2019	22163	48935	71098	-3.4	92.1	4.5	3.4	2657	2658	5315	4.5	84.6
	2020	16599	56937	73536	3.4	87.2	9.6	3.2	2211	2223	4434	-16.6	88.6
	2021	12669	81835	94504	28.5	64.8	...	...	2462	2514	4976	12.2	...
Colombo													
(Sri Lanka)	2017	37080	51955	89035	8.7			6.8			1810	13.2	...
	2018	42878	57274	100152	12.5			6.3			2062	13.9	
	2019	44186	57740	101926	1.8			7.9			1982	-3.9	
	2020	38484	54497	92981	-8.8	93.5	2.1	4.4	804	809	1613	-18.6	98.5
	2021	37727	53219	90946	-2.2				822	821	1643	1.9	
Busan(b)													
(South Korea)	2017	213445	187787	401232	10.7	96.5	2.8	0.6	10304	9673	19977	3.8	97.0
	2018	237042	224419	461461	15.0	94.6	3.4	2.0	10808	10854	21662	8.4	99.4
	2019	240450	228311	468761	1.6	88.1	10.1	1.8	10950	11042	21992	1.5	99.5
	2020	209246	201707	410953	-12.3	93.3	3.6	3.0	10961	10863	21824	-0.8	99.6
	2021	225525	213475	439000	6.8	95.5	2.3	2.2	11344	11362	22706	4.0	...
Bangkok													
(Thailand)	2017	9327	12887	22214	2.0	100.0	...	...	629	868	1497	0.4	92.3
	2018	9024	13027	22051	-0.7	100.0	...	...	653	836	1489	-0.5	93.5
	2019	8180	13297	21477	-2.6	100.0	...	...	577	887	1464	-1.7	...
	2020	8284	12867	21151	-1.5	100.0	...	...	571	864	1435	-2.0	90.3
	2021	7910	13275	21185	0.2	100.0	...	...	544	894	1438	0.2	...

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

Source : Shipping Statistics Year Book 2022 by ISL & official Websites of the Ports..

SECTION – II

5. GENERAL STATISTICS

Table 5.1 Gross Value Added by economic activity at constant (2011-12) basic prices

(₹ crore)

S.No.	Item	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21*	2021-22#	2022-23 @	Percentage Change Over Previous Year						
										2016-17	2017-18	2018-19	2019-20	2020-21*	2021-22#	2022-23 @
1.	Agriculture, forestry and fishing	1,616,146	1,726,004	1,840,023	1,878,598	1,994,326	2,074,212	2,170,106	2,272,250	6.8	6.6	2.1	6.2	4.0	4.6	4.7
1.1	Crops	969,344	1,020,258	1,075,111	1,049,211	1,108,603	1,137,474	1,174,359	1,230,083	5.3	5.4	-2.4	5.7	2.6	3.2	4.7
1.2	Livestock	419,637	461,572	497,830	540,970	581,714	617,799	657,269	690,268	10.0	7.9	8.7	7.5	6.2	6.4	5.0
1.3	Forestry and logging	136,960	144,547	152,351	163,949	173,972	183,993	185,031	186,825	5.5	5.4	7.6	6.1	5.8	0.6	1.0
1.4	Fishing and aquaculture	90,205	99,627	114,730	124,468	130,037	134,947	153,447	165,075	10.4	15.2	8.5	4.5	3.8	13.7	7.6
2.	Mining and quarrying	317,974	349,248	329,612	326,815	317,134	291,075	309,276	315,256	9.8	-5.6	-0.8	-3.0	-8.2	6.2	1.0
3.	Manufacturing	1,903,850	2,054,764	2,209,428	2,328,992	2,259,706	2,329,160	2,561,033	2,504,263	7.9	7.5	5.4	-3.0	3.1	10.0	-2.2
3.1	Food products, beverages and tobacco	183,150	202,964	214,366	258,683	217,690	217,310	208,077	209,631	10.8	5.6	20.7	-15.8	-2.0	-4.2	0.7
3.2	Textiles, apparel and leather products	258,936	261,079	280,873	300,013	290,913	263,593	312,949	280,436	0.8	7.6	6.8	-3.0	-9.4	18.7	-10.4
3.3	Metal products	225,306	285,206	319,555	326,298	329,198	379,472	450,144	438,862	26.6	12.0	2.1	0.9	15.3	18.6	-2.5
3.4	Machinery and equipment	429,550	474,418	533,307	580,847	535,784	511,679	558,573	585,208	10.4	12.4	8.9	-7.8	-4.5	9.2	4.8
3.5	Other manufactured goods	806,908	831,097	861,327	863,152	886,120	957,107	1,031,289	990,527	3.0	3.6	0.2	2.7	8.0	7.8	-4.0
4.	Electricity, Gas, Water supply & Other utility services	224,158	246,496	272,650	294,147	300,798	288,213	317,966	347,973	10.0	10.6	7.9	2.3	-4.8	10.3	9.4
5.	Construction	865,335	916,445	964,306	1,026,789	1,043,429	995,371	1,193,532	1,306,256	5.9	5.2	6.5	1.6	-4.6	19.9	9.4
6.	Trade, repair, Hotels and Restaurants	1,261,426	1,389,322	1,568,175	1,707,781	1,828,868	1,438,477	1,614,780	1,838,718	10.1	12.9	8.9	7.1	-21.3	12.3	13.9
6.1	Trade & repair services	1,150,121	1,268,230	1,435,984	1,563,237	1,675,607	1,367,599	1,517,811	1,684,541	10.3	13.2	8.9	7.2	-18.4	11.0	11.0
6.2	Hotels & restaurants	111,305	121,092	132,191	144,544	153,261	70,878	96,968	154,177	8.8	9.2	9.3	6.0	-53.8	36.8	59.0
7.	Transport, Storage, Communication & Services related to broadcasting	731,399	757,056	800,245	830,977	861,192	715,411	865,601	939,005	3.5	5.7	3.8	3.6	-16.9	21.0	8.5
7.1	Railways	85,452	82,161	87,886	91,350	82,303	65,754	79,828	94,504	-3.9	7.0	3.9	-9.9	-20.1	21.4	18.4
7.2	Road transport	343,155	362,324	396,401	417,538	432,160	317,897	426,710	446,247	5.6	9.4	5.3	3.5	-26.4	34.2	4.6
7.3	Water transport	8,095	8,569	11,915	12,628	13,016	12,265	13,053	14,134	5.9	39.0	6.0	3.1	-5.8	6.4	8.3
7.4	Air transport	6,053	7,172	8,373	9,402	9,158	3,433	5,443	8,749	18.5	16.7	12.3	-2.6	-62.5	58.5	6.8
7.5	Services incidental to transport	81,156	86,835	84,351	89,061	91,356	81,238	84,531	95,281	7.0	-2.9	5.6	2.6	-11.1	4.1	12.7
7.6	Storage	6,245	6,100	12,976	13,784	14,021	13,857	18,128	172,380	-2.3	112.7	6.2	1.7	-1.2	30.8	-4.1
7.7	Communication & services related to broadcasting	201,243	203,896	198,344	197,215	219,178	220,967	237,909	262,710	1.3	-2.7	-0.6	11.1	0.8	7.7	10.4
8.	Financial services	672,788	695,983	728,670	758,170	784,536	824,294	831,305	894,603	3.4	4.7	4.0	3.5	5.1	0.9	7.6
9.	Real estate, Ownership of dwelling & Professional services	1,621,999	1,796,983	1,808,521	1,956,051	2,113,708	2,129,836	2,291,542	2,510,871	10.8	0.6	8.2	8.1	0.8	7.6	9.6
10.	Public administration and Defence	565,106	614,238	676,507	722,773	762,531	757,886	780,846	828,314	8.7	10.1	6.8	5.5	-0.6	3.0	6.1
11.	Other services	711,691	781,744	836,035	902,705	969,873	843,408	940,853	1,046,990	9.8	6.9	8.0	7.4	-13.0	11.6	11.3
12.	TOTAL GVA at basic prices	10,491,870	11,328,285	12,034,171	12,733,798	13,236,100	12,687,345	13,876,840	14,804,901	8.0	6.2	5.8	3.9	-4.1	9.4	6.7

*: Third Revised Estimates; #: Second Revised Estimates; @: First Revised Estimates, Totals may not tally due to rounding off.

Source:- Ministry of Statistics and Programme Implementation.

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)									
1993-94	397.8	21840.5	22238.3	5753.5	17552.7	23306.2	-5355.7	4287.8	-1067.9
1994-95	416.9	25913.6	26330.5	5927.8	22726.5	28654.4	-5510.9	3187.1	-2323.8
1995-96	453.7	31341.2	31794.9	7525.8	29149.5	36675.3	-7072	2191.7	-4880.4
1996-97	481.8	32987.9	33469.7	10036.2	29096.2	39132.4	-9554.4	3891.7	-5662.7
1997-98	352.8	34653.7	35006.4	8164	33320.5	41484.5	-7811.2	1333.1	-6478.1
1998-99	89.4	33129.3	33218.7	6398.6	35990.1	42388.7	-6309.2	-2860.8	-9170
1999-00	38.9	36783.5	36822.4	12611.4	37059.3	49670.7	-12572.5	-275.8	-12848.3
2000-01	1869.7	42690.6	44560.3	15650.1	34886.4	50536.5	-13780.4	7804.2	-5976.2
2001-02	2119.1	41707.6	43826.7	14000.3	37413	51413.3	-11881.2	4294.6	-7586.6
2002-03	2576.5	50142.9	52719.4	17639.5	43772.6	61412.1	-15063	6370.3	-8692.7
2003-04	3568.4	60274.1	63842.6	20569.5	57579.6	78149.1	-17001.1	2694.5	-14306.5
2004-05	6989.3	76546.6	83535.9	29844.1	81673.3	111517.4	-22854.8	-5126.7	-27981.5
2005-06	11639.6	91450.9	103090.5	43963.1	105202.6	149165.7	-32323.5	-13751.7	-46075.2
2006-07	18634.6	107779.5	126414.1	56945.3	128790	185735.2	-38310.7	-21010.5	-59321.2
2007-08	28363.1	134541.1	162904.2	79644.5	171794.7	251439.2	-51281.4	-37253.6	-88535
2008-09	27547	157748	185295	93671.7	210024.6	303696.3	-66124.8	-52276.6	-118401.3
2009-10	28192	150559.5	178751.4	87135.9	201237	288372.9	-58943.9	-50677.5	-109621.4
2010-11	41480	209656.2	251136.2	105964.4	263804.7	369769.1	-64484.4	-54148.5	-118632.9
2011-12	56038.5	249925.3	305963.9	154967.6	334352	489319.5	-98929	-84426.6	-183355.7
2012-13	60865.1	239535.5	300400.6	164040.6	326696.1	490736.6	-103175.4	-87160.6	-190336.1
2013-14	63179.4	251236.4	314415.7	164770.3	285443.3	450213.6	-101591	-34206.9	-135797.9
2014-15	56794.1	253557.9	310352	138325.5	309707.9	448033.4	-81531.4	-56150	-137681.4
2015-16	30582.6	231708.4	262291.1	82944.5	298063.3	381007.8	-52361.8	-66354.8	-118716.7
2016-17	31545.3	244307.2	275852.4	86963.8	297393.2	384357	-55418.6	-53086	-108504.6
2017-18	37465.1	266061.1	303526.2	108658.7	356922.3	465581	-71193.6	-90861.2	-162054.8
2018-19	46553.6	283524.5	330078.1	140920.6	373157.8	514078.4	-94367.1	-89633.3	-184000.3
2019-20	41288.7	272072.3	313361	130550.3	344159	474709.3	-89261.6	-72086.7	-161348.2
2020-21	25804.4	266004.1	291808.5	82683.9	311752	394435.9	-56879.5	-45747.9	-102627.4
2021-22	67471.7	354532.7	422004.4	161810.5	451241.6	613052.1	-94338.8	-96708.9	-191047.7
2022-23	97400.5	353557.9	450958.4	209418.2	504624.3	714042.5	-112017.7	-151066.4	-263084
(₹ Crore)									
1993-94	1248	68504	69751	18046	55055	73101	-16798	13449	-3350
1994-95	1309	81365	82674	18613	71358	89971	-17304	10007	-7297
1995-96	1518	104836	106353	25174	97505	122678	-23656	7331	-16325
1996-97	1710	117107	118817	35629	103291	138920	-33918	13816	-20103
1997-98	1311	128790	130101	30341	123835	154176	-29030	4955	-24076
1998-99	376	139377	139753	26919	151413	178332	-26543	-12036	-38579
1999-00	169	159393	159561	54649	160588	215237	-54480	-1195	-55675
2000-01	8542	195029	203571	71497	159376	230873	-62955	35653	-27302
2001-02	10107	198911	209018	66770	178430	245200	-56663	20482	-36182
2002-03	12469	242668	255137	85367	211839	297206	-72898	30829	-42069
2003-04	16397	276969	293367	94520	264588	359108	-78123	12382	-65741
2004-05	31404	343935	375340	134094	366971	501065	-102690	-23035	-125725
2005-06	51533	404885	456418	194640	465769	660409	-143107	-60884	-203991
2006-07	84520	487259	571779	258572	581935	840506	-174052	-94675	-268727
2007-08	114192	541672	655864	320655	691657	1012312	-206463	-149985	-356448
2008-09	123398	717357	840755	419968	954468	1374436	-296570	-237111	-533680
2009-10	132899	712635	845534	411649	952086	1363736	-278750	-239452	-518202
2010-11	188779	954143	1142922	482282	1201185	1683467	-293503	-247042	-540545
2011-12	267915	1198045	1465959	743075	1602388	2345463	-475160	-404344	-879504
2012-13	330819	1303500	1634318	891871	1777291	2669162	-561052	-473792	-1034844
2013-14	383248	1521763	1905011	997885	1717548	2715434	-614638	-195785	-810423
2014-15	346082	1550363	1896445	842874	1894212	2737087	-496792	-343849	-840641
2015-16	199638	1516747	1716384	540505	1949801	2490306	-340867	-433054	-773921
2016-17	211509	1637925	1849434	583217	1994458	2577675	-371708	-356534	-728242
2017-18	241435	1715080	1956515	700321	2300713	3001033	-458886	-585633	-1044519
2018-19	325929	1981797	2307726	986275	2608400	3594675	-660346	-626602	-1286948
2019-20	292340	1927514	2219854	925168	2435787	3360954	-632828	-508273	-1141100
2020-21	190896	1968147	2159043	611353	2304605	2915958	-420457	-336458	-756914
2021-22	503850	2643171	3147021	1207803	3364972	4572775	-703953	-721800	-1425753
2022-23	781744	2838877	3620631	1682475	4051483	5733959	-900731	-1212596	-2113328

Note : Data for 2021-22 are revised and for 22-23 are provisional.

Source : Directorate General of Commercial Intelligence and Statistics.

Table 5.3**Imports of Principal Commodities**

Commodity / Year	(US \$ Million)						(₹ Crore)					
	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
1	2	3	4	5	6	7	8	9	10	11	12	13
1. Cotton Raw & Waste	979.3	633.1	1328.4	385.9	559.6	1438.7	6307	4383	9371	2861	4169	11506
2. Vegetable Oil	11637.5	9890.3	9672.9	11089.1	18991.6	30837.7	74996	69024	68558	82123	141532	167270
3. Pulses	2908.3	1140.8	1440.1	1611.7	2229.0	1943.9	18749	8035	10221	11938	16628	15781
4. Fruits & vegetables	2092.6	2143.9	2221.3	2273.4	2640.7	2675.5	13489	15027	15757	16817	19687	21497
5. Pulp and Waste paper	1154.6	1311.7	1143.0	851.1	1600.5	2117.9	7442	9186	8091	6303	11934	17069
6. Textile yarn Fabric, made-up articles	1837.3	1900.0	1922.3	1501.5	2065.5	2617.7	11843	13305	13599	11092	15400	21011
7. Fertilisers, Crude & manufactured	5376.3	7467.4	7468.1	7597.3	14169.9	17206.8	34654	52095	52817	56405	105796	138544
8. Sulphur & Unroasted Iron Pyrts	165.9	217.1	117.7	149.7	475.0	338.0	1068	1528	833	1104	3542	2691
9. Metaliferrous ores & other minerals	9096.9	7583.3	5088.9	4626.1	8950.5	9404.7	58631	52867	35989	34242	66690	75440
10. Coal, Coke & Briquettes, etc.	22901.2	26177.8	22455.1	16274.5	31718.3	49735.3	147641	183025	158865	120534	236925	397258
11. Petroleum, Crude & products	108658.7	140920.6	130550.3	82683.9	161810.5	209418.2	700321	986275	925168	611353	1207803	1682475
12. Wood & Wood products	6027.3	6126.5	5612.2	4449.7	6136.4	7241.2	38850	42841	39699	32935	45722	58158
13. Leather & leather products	1009.2	1057.7	1014.1	579.8	818.8	1028.6	6504	7397	7176	4291	6106	8253
14. Organic & Inorganic Chemicals	20631.5	23827.7	20617.1	19825.3	30291.9	33441.6	133000	166544	145863	146828	225846	267768
15. Dyeing/tanning/colou	2887.5	3221.9	2906.4	2734.0	3960.2	3865.4	18610	22538	20565	20218	29530	31002
16. Artificial resins, plastic materials, etc.	14487.7	15682.0	14633.7	13510.0	20230.6	23510.6	93384	109633	103589	99874	150834	188662
17. Chemical material & products	6663.4	7707.6	7643.2	8441.2	11148.0	12199.9	42944	53933	54111	62498	83036	97908
18. Newsprint	776.7	977.7	700.6	294.1	344.7	521.4	5007	6854	4952	2199	2567	4203
19. Pearls, precious & Semi-precious stones	34278.9	27075.7	22458.8	18888.0	31007.9	30700.3	220966	188881	159066	139024	231279	246324
20. Iron & Steel	14617.6	17656.7	15369.4	12035.9	17303.0	22483.3	94206	123501	108655	89078	129006	181225
21. Non-ferrous metals	12811.7	14733.0	13138.7	11716.6	17601.7	19840.2	82584	103034	92995	86596	131218	159304
22. Machine tools	3519.6	4642.5	4193.1	3169.6	4239.5	4406.7	22680	32490	29665	23452	31573	35456
23. Machinery, electrical & non-	32908.9	37852.4	37691.9	30084.5	39942.5	45415.2	212127	264559	266923	222518	297768	365424
24. Transport equipment	22732.5	24775.8	25284.7	18649.2	20852.4	29404.9	146509	173621	179480	137897	155610	237377
25. Project goods	2077.6	2375.6	2025.5	1498.9	1356.0	1602.9	13392	16618	14355	11107	10109	12961
26. Professional instrument, Optical	4754.6	5187.4	5024.1	4528.2	6372.8	6937.7	30650	36284	35591	33516	47414	55777
27. Electronic goods	52890.7	57377.3	54397.9	54287.9	73674.2	77263.7	340901	401450	385088	401426	549714	620753
28. Medcnl. & Pharmaceutical	5480.7	6359.5	6459.9	6974.6	9072.0	8104.8	35330	44429	45727	51737	67545	65104
29. Gold	33657.2	32910.1	28229.7	34603.9	46165.6	35016.4	217072	229537	199250	254288	344094	280482
30. Silver	3213.8	3748.2	2727.8	790.4	3276.2	5294.6	20725	26189	19162	5960	24454	42237
31. Other Commodities	23345.4	21397.4	21172.4	18329.6	24046.7	28029.0	150453	149594	149773	135742	179246	225039
Total Imports	465581.0	514078.4	474709.3	394435.9	613052.1	714042.4	3001033	3594675	3360954	2915958	4572775	5733959

Note : Data for 2022-23 are provisional and data for 2021-22 are revised.

Source : Directorate General of Commercial Intelligence and Statistics.

Table 5.4

Exports of Principal Commodities

Commodity / Year	(US \$ Million)						(₹ Crore)					
	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
1	2	3	4	5	6	7	8	9	10	11	12	13
1. Tea	837.4	830.9	826.5	756.3	751.1	817.6	5397	5828	5851	5604	5597	6582
2. Coffee	968.6	822.3	738.9	719.7	1020.7	1146.2	6245	5722	5237	5340	7614	9191
3. Rice	7806.2	7750.6	6403.2	8829.2	9671.1	11143.2	50308	53975	45427	65405	72116	89613
4. Other cereals	248.6	349.0	205.2	705.4	1087.4	1193.3	1604	2426	1455	5198	8109	9609
5. Tobacco	934.3	981.3	905.1	876.7	923.6	1213.4	6022	6859	6409	6497	6882	9740
6. Spices	3115.4	3322.4	3621.4	3984.0	3896.0	3783.6	20085	23218	25642	29529	29039	30405
7. Cashew	922.4	654.4	566.8	420.4	453.1	356.3	5945	4579	4018	3112	3377	2869
8. Oil Meals	1093.2	1508.6	827.9	1585.0	1031.9	1601.0	7043	10557	5861	11689	7695	12949
9. Oil seeds	1174.3	1156.8	1318.1	1235.7	1113.6	1337.7	7573	8081	9363	9156	8310	10787
10. Fruits & Vegetables	2513.3	2540.9	2380.5	2612.8	2883.1	3205.7	16203	17754	16917	19358	21517	25825
11. Cereal preparations & miscellaneous processed items	1416.6	1555.4	1527.0	1859.9	2280.7	3614.7	9132	10887	10821	13762	17006	20983
12. Marine Products	7389.2	6802.6	6722.1	5962.4	7772.4	8078.0	47646	47665	47618	44176	57910	64902
13. Meat, dairy & poultry products	4610.1	4363.7	3714.3	3658.0	4141.0	4029.5	29730	30530	26304	27064	30866	32334
14. Iron Ore	1471.1	1317.3	2625.0	4896.5	3248.2	1975.5	9488	9260	18607	36254	24145	14427
15. Mica, Coal & Other Ores, Minerals including processed minerals	3776.9	4254.7	3948.4	4331.8	5217.2	5144.0	24342	29718	27986	31990	38917	41274
16. Leather & leather products	5289.1	5140.8	4658.5	3301.4	4381.5	4752.4	34084	35934	32971	24403	32670	38133
17. Ceramic products & glassware	2131.8	2649.2	2870.6	3050.6	3464.8	3736.2	13739	18557	20341	22553	25824	30021
18. Gems & Jewellery	41544.4	40251.0	35898.5	26022.8	39099.1	37957.0	267833	281408	254114	191928	291481	304510
19. Drugs & Pharmaceuticals	17282.8	19146.6	20703.5	24444.0	24594.3	25392.7	111409	133941	146751	181261	183340	204099
20. Organic & Inorganic Chemicals	18508.5	22379.3	22082.8	22088.5	29364.8	30341.8	119308	156547	156441	163726	218907	243536
21. Engineering Goods	78695.7	83621.6	78704.4	76719.6	112163.4	107036.4	507315	584094	557603	567800	836128	859227
22. Electronic Goods	6393.1	8829.4	11700.6	11093.3	15660.4	23551.2	41220	61908	82936	81949	116896	189935
23. Cotton Yarn/Fabs./made-ups, Handloom Products etc.	10260.4	11215.1	10027.7	9827.9	15298.0	10945.9	66141	78374	71054	72656	114030	87754
24. Man-made Yarn/Fabs./made-ups etc.	4826.3	4980.5	4821.4	3806.3	5614.6	4948.9	31108	34817	34175	28112	41856	39720
25. RMG of all Textiles	16706.9	16138.3	15488.1	12272.2	16014.8	16191.9	107644	112701	109691	90639	119474	129974
26. Jute Mfg. including Floor Covering	335.1	324.9	342.6	371.3	507.6	438.4	2159	2274	2428	2741	3786	3511
27. Carpet	1429.8	1481.9	1373.3	1491.4	1789.9	1366.1	9215	10375	9725	11020	13339	10961
28. Handicrafts excl. hand made carpet	1823.3	1838.1	1797.9	1707.5	2088.2	1068.4	11754	12854	12738	12606	15563	13538
29. Petroleum Products	37465.1	46553.6	41288.7	25804.4	67471.7	97400.5	241435	325929	292340	190896	503850	781744
30. Plastic & Linoleum	6851.1	8607.5	7551.6	7462.9	9824.6	8366.2	44164	60221	53462	55374	73195	67067
31. Other Commodities	15705.2	18709.2	17720.6	19910.8	29175.6	29382.6	101223	130733	125568	147246	217582	235414
Total Exports	303526.1	330078.2	313361.0	291808.5	422004.4	450958.4	1956515	2307726	2219854	2159043	3147021	3620631

Note : Data for 2021-22 are provisional and data for 2020-21 are revised.

Source : Directorate General of Commercial Intelligence and Statistics & RBI.

Table 5.5**Share of Sea-Borne Trade in the Total Foreign Trade**

(Value in Crore)

Year	Total Export including Re-exports	Share of Sea born in Exports (In percentage)*	Total Imports	Share of Sea born in Imports (In percentage)*	Share Of Sea to total Foreign Trade (In percentage)
1	2	3	4	5	6
1985-86	10895	71.7	19658	87.9	82.2
1986-87	12569	65.8	20201	82.7	76.1
1987-88	15674	62.1	22244	77.2	71.0
1988-89	20232	59.7	28235	72.9	67.4
1989-90	27681	59.5	35416	69.6	65.2
1990-91	32553	67.3	43193	81.1	75.1
1991-92	44042	66.6	47851	80.8	74.0
1992-93	53688	64.9	63375	78.0	72.0
1993-94	69751	66.1	73101	96.0	81.4
1994-95	82673	64.3	89971	79.8	72.4
1995-96	106353	63.7	122678	80.7	72.8
1996-97	118817	67.4	138920	82.4	75.5
1997-98	130101	64.4	154176	74.7	70.0
1998-99	139752	62.2	178332	67.9	65.4
1999-00	159095	58.4	215528	68.8	64.4
2000-01	129940	64.5	156166	68.4	66.6
2001-02	209018	64.6	245200	68.2	66.5
2002-03	255137	65.1	297206	61.5	63.2
2003-04	293367	64.8	359108	65.1	65.0
2004-05	375340	66.2	501065	65.8	65.9
2005-06	456418	69.1	660409	70.3	69.8
2006-07	571779	64.2	840506	66.6	65.6
2007-08	655864	66.0	1012312	67.1	66.6
2008-09	840760	67.8	1374440	73.0	71.0
2009-10	845534	59.7	1363736	67.4	64.5
2010-11	1136964	58.6	1683467	63.3	61.4
2011-12	1465959	59.5	2345463	65.3	63.1
2012-13	1634318	59.9	2669162	66.6	64.1
2013-14	1905011	60.2	2715434	68.9	65.3
2014-15	1896348	60.8	2737087	68.3	65.2
2015-16	1716384	60.1	2490306	66.4	63.9
2016-17	1849434	60.0	2577675	65.8	63.3
2017-18	1956515	61.1	3001033	64.3	63.1
2018-19	2307726	61.6	3594675	67.0	64.9
2019-20	2219854	60.9	3360954	66.5	64.3
2020-21	2159043	66.0	2915958	64.4	65.1
2021-22	3147021	61.7	4572775	68.3	65.6
2022-23	3621550	58.1	5749801	71.5	66.3

* Note The above figure reports imports reported from Sea Ports and Inland Container Depots (ICDs) as for the goods are Imported S

Source : DGCI & S, Ministry of Commerce

Table 5.6

Outlay And Expenditure-Port Sector (Central)

(Rs. In Crore)

Port	Annual Plan (2016-17)		Annual Plan (2017-18)		Annual Plan (2018-19)		Annual Plan (2019-20)		Annual Plan (2020-21)		Annual Plan (2021-22)		Annual Plan (2022-23)	
	App. Outlay	Actual Exp.	App. Outlay	Actual Exp.	App. Outlay	Actual Exp.	App. Outlay	Actual Exp.	App. Outlay	Actual Exp.	App. Outlay	Actual Exp.	App. Outlay	Actual Exp.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Kolkata (a)	267.97	164.50	264.58	258.46	285.76	238.11	388.65	274.88	574.01	325.39	396.32	293.27	433.51	417.84
Mumbai	301.00	196.25	410.03	234.15	492.27	228.26	342.88	309.74	330.40	297.26	338.21	343.60	261.20	170.15
JNPT	562.38	417.19	1569.01	1383.01	2817.17	1664.57	1528.00	810.31	600.00	1115.14	2197.41	825.50	1868.92	700.93
Chennai	185.00	92.14	97.00	49.99	79.52	61.45	57.18	53.65	83.15	52.37	83.46	56.05	40.31	40.37
Cochin	33.99	17.76	27.22	27.79	67.41	38.09	51.22	29.00	26.28	47.65	33.07	24.47	23.88	11.84
Visakhapatnam	224.42	346.74	225.54	277.00	133.51	146.18	98.55	100.28	110.70	98.21	290.09	104.70	107.99	155.39
Deendayal	130.18	106.67	347.10	325.45	382.36	417.08	299.99	203.30	617.79	270.27	543.55	473.30	726.01	651.73
Mormugao	96.51	35.77	155.87	52.23	30.47	13.42	41.17	19.47	195.79	64.39	85.34	29.27	84.38	34.32
Paradip	67.00	93.10	64.50	76.97	118.00	115.99	110.00	176.33	115.00	137.30	109.50	109.00	162.64	158.18
New Mangalore	71.05	96.49	75.40	77.55	71.10	50.02	48.87	49.82	26.04	18.99	11.11	17.26	18.54	18.20
V.O. Chidambaranar	111.84	95.89	162.50	140.07	185.71	125.13	115.18	17.01	352.57	132.84	232.06	70.30	98.05	55.24
Kamarajar Port Ltd.	500.00	545.64	325.00	403.95	200.00	155.97	117.50	102.22	250.00	200.00	200.00	200.00	250.00	275.00
Sethusamudram Ship Canal Project	1.00	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WEB Based EDI Port Community System	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Others (b)	625.92	570.93	606.21	597.94	512.75	493.84	488.84	474.02	749.5	424.5	944.9	879.37	1024.31	1154
Survey Vessels	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	3178.26	2779.53	4329.96	3904.56	5376.03	3748.11	3688.03	2620.03	4031.23	3184.31	4921.47	3426.09	5099.74	3843.19

(a) Includes Haldia and RR Schemes

(b) Includes IWAI, Choching shipyard Ltd, SCI etc.

* The amount is recieved as equity from Govt.of India and other stakeholder.

App.Outlay: Approved Outlay.

- Not Available.

Source: Notes on Demands for Grants, 2022-23

Port : All Ports

Tabel 5.7		India's Overseas Cargo handled during 2022-23					(In '000 Tonnes)
		Type of Cargo	Indian Lines	% Share	Foreign Lines	% Share		Total
General Cargo							
	Loaded	212.6	0.69	30522	99.31	30735	
	Unloaded	92.8	0.63	14571	99.37	14664	
	Total	305.4	0.67	45094	99.33	45399	
Container							
	Loaded	4083.1	3.20	123603	96.80	127686	
	Unloaded	3411.2	2.51	132517	97.49	135929	
	Total	7494.3	2.84	256120	97.16	263614	
Dry Bulk							
	Loaded	1382.3	2.12	63735	97.88	65117	
	Unloaded	11779.7	3.27	348111	96.73	359891	
	Total	13162.0	3.10	411846	96.90	425008	
POL/Product & Other Liquids							
	Loaded	2342.0	3.75	60054	96.25	62396	
	Unloaded	33456.1	10.16	295740	89.84	329196	
	Total	35798.2	9.14	355794	90.86	391592	
Grand Total							
	Loaded	8020.0	2.80	277914	97.20	285934	
	Unloaded	48739.8	5.80	790940	94.20	839680	
	Total	56759.9	5.04	1068854	94.96	1125614	

Source: Major Ports/ State Maritime Boards/ Uts

SECTION - III

APPENDICES

PORT ORGANISATION IN INDIA

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

2. Ports are economic and service provision units of a remarkable importance since they act as a place for the interchange of two transport modes, maritime and land, whether by rail or road. Therefore, the essential aspect of ports lies in their multimodal nature. India has a coast-line of over 7517 Kms with 12 major ports and 217 notified non-major (minor/intermediate) ports along the coast-line and sea-islands. These 217 Non-major ports are located in Gujarat (48), Maharashtra (48), Goa (5), Daman & Diu (2), Karnataka (13), Kerala (17), Lakshadweep (10), Tamil Nadu (17), Puducherry (3), Andhra Pradesh (15), Odisha (14), West Bengal (1) and Andaman & Nicobar Island (24). Out of these 217 Non-major ports, only some ports are well developed and provide all-weather berthing facilities for cargo handling. Only 66 Non-major Ports are cargo handling Ports. The Maritime Ports operate within the statutory framework of the Indian Ports Act 1908 which applies to all the ports. However, the Major Ports Act 2021 applies only to Major Ports. Each Major Port is administered by a 'Port Authority' except for the port of Kamarajar (Ennore) which is a corporatized entity.

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

4. Major Ports Authority (MPA) Bill 2020 was enacted as an Act by the parliament in February'2021. The Act of Parliament received the assent of the President on the 17th February, 2021, thus replacing the Major Port Trust Act, 1963. The new Major Ports Authority Act 2021 is expected to usher in a new era for administration of Major Ports in India in which the Major Ports will contribute significantly to the economic growth and provide world-class port infrastructure by adopting Landlord Model of development.

5. So far, each Major Port had 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.

6. In terms of provision of MPA Act'2021, board of Major Port Authority will consist of the Chairperson, Deputy Chairperson, two to four Independent members, one member (not below rank of Director) from central government, two members representing interest of employees and one member each from State government where port is located, Ministry of Railways, Ministry of Defense and Customs

7. Modernisation and development of Major Ports is a plan scheme. The Major Ports are empowered to receive loans in any currency or currencies from any bank or financial institution (prior sanction of government required if loan exceeds 50% of capital reserves of the board) , open market and levy rates and fees for the services rendered. . Their annual accounts are subject to audit by the Comptroller and Auditor General of India. Board have to submit to the Central Government a detailed report of the administration of the Board during the preceding year ending on the thirty-first day of March

8. The accounts of the Board, as certified by the Comptroller and Auditor-General of India or any other person appointed by him in this behalf, together with the audit report thereon to be forwarded annually to the Central Government and the Central Government shall cause the same to be laid, as soon as may be after it is received, before each House of Parliament.

9. 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.

10. The main activities of the Ports relate to (I) Maintenance of Port approaches, navigable channels and alongside 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.

11. 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.

12. Major Development in port sector

a) **Privatization 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. through PPP mode
- iii) Leasing of equipment for cargo handling and leasing of floating crafts from the private sector.
- iv) Vessel Related Services
- 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 Board of each Major Port is entitled to use its property, assets and funds in such manner and for such purposes as it may deem fit for the benefit of that Major Port
- 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 Ports, Shipping and Waterways. The Ministers in-charge of Ports in all Maritime States, UT of Pondicherry and A&N Administration, Daman & Diu and Lakshadweep are its members. The 18th Meeting of Maritime State Development Council (MSDC) was held on 24.06.2021 at New Delhi under the chairmanship of Hon'ble Minister of State for Ports, Shipping & Waterways (Independent Charge) with Ministers and officials from various Maritime States and Government of India. In the draft Indian Port Bill,2021 ("IP Bill, 2021") was discussed to replace the Indian Port Act.
- e) **Tariff Authority for Major Ports (TAMP):** The Tariff Authority for Major Ports (TAMP) was created in 1997 by an amendment to the Major Port Trusts Act, 1963 and was constituted by the Government of India through a Gazette Notification on 10/04/1997. The role of Tariff Authority for Major Ports (TAMP) for fixation of the tariff has been done away in the new MPA Act'2021. Tariff Authority for Major Ports will discharge the functions of the Adjudicatory Board under this Act and shall cease to exist immediately after the constitution of the Adjudicatory Board. Adjudicatory Board will adjudicate disputes among Major Ports, Public Private Partnership concessionaires and captive users.
- f) **SAROD (Ports) :** To take care of the pending or future disputes between the ports and the PPP concessionaires, the Society for affordable redressal of disputes (SAROD-Ports) has been formed by the Indian Ports Association (IPA) in association with Indian Private Ports & Terminals (IPPTA) under the Societies Registration Act, 1860. The Society has been registered in Delhi on 30.01.2020 and shall be functioning as per the Rules and Regulations framed and amended from time to time.

DEFINITIONS OF TERMS USED

1. **Load Line** Outer line on the body of a ship upto which she submerges in water with safety. It varies according to the seasons and waters in which she plies.
2. **Draft** The depth necessary to submerge a ship to their load line.
3. **Dead Weight Tonnage(DWT)** It is the number of tons of (2240 pounds) stores, fuel and cargo that a ship can transport. This presents the actual carrying capacity of a ship.
4. **Gross Registered Tonnage (GRT)** It applies to the vessels and not to cargo. It is the weight of the volume occupied by the closed-in-spaces of a ship taking 100 cubic feet of such closed-in-spaces as equivalent to one vessels ton. It thus refers to the cubic capacity of the vessels.
5. **Net Registered Tonnage (NRT)** It refers to the earning space capacity of a ship available for the storage of cargo and accommodation of passengers. It is obtained by deducting from GRT the cubic capacity space (taking 100 cubic feet = 1 ton) occupied by stores, fuel, machinery, crew etc. which does not represent the earning capacity of the ship.
6. **Ore/Oil and Bulk Carrier** A bulk cargo ship designed to carry ore and oil enabling there by to be loaded in both directions.
7. **Tankers** Cargo ships constructed or adopted for the carriage in bulk of liquid cargoes of an inflammable nature.
8. **Sailing Vessel** Any description of vessel provided with sufficient sail area for navigation under sails along whether or not fitted with mechanical means of propulsion and includes a rowing boat or crane but does not include a pleasure craft.
9. **Roll-on/Roll-off Vessel** It is frequently called a vehicle ferry. It is designed for the conveyance of road vehicles and private cars. At each terminal port, a tramp of link span is provided enabling the vehicles to drive on or off the vessels, thereby eliminating crantage and cargo handling (and also pilferage) and permitting a quick turn round of the ships.
10. **Berth-Day** A day of occupation of a berth (quay or mooring) by a ship.
11. **Ship-Day** A day spent in harbour by a ship.
12. **Turn-Round Time(old)** Total time spent by a ship since its entry till its departure.
Turn-Round Time (revised) Total time spent by a ship from Pilot Boarding to De-Boarding.
(from 2019-20 onwards)

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