

# भारत के मूल पत्तन आंकड़े

## BASIC PORT STATISTICS OF INDIA

### 2021-22



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

## PREFACE

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

2. The present issue, "Basic Port Statistics of India 2021-22" is divided into three Sections. **Section-I** gives performance of the Indian Port Sector in terms of cargo Traffic & Performance Indicators in the backdrop of India's broad macro performance and global developments. **Section-II** contains key tables presented in Five Parts and; **Section-III** contains the Appendices, which include a brief on the organization of Major Ports and the definitions of terms used in the Port Sector.

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

  
(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	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
1	2	3	4	5	6	7
<b>1. No. of Ports (Number)</b>						
Major Port	12	12	12	12	12	12
Non-Major Port	205	205	212	212	212	217
Total	217	217	224	224	224	229
<b>2. Cargo Handled (Million Tonnes)</b>						
Major Port	648.47	679.47	699.17	704.93	672.68	720.05
Non-Major Port	485.22	529.09	582.61	615.05	577.30	603.75
Total	1133.69	1208.56	1281.78	1319.97	1249.99	1323.80
<b>3. Containers</b>						
Major ('000 TEUs)	8442	9138	9877	9892	9610	11225
('000 Tonnes)	124663	133726	145523	146861	143710	167381
<b>4. Passenger Traffic ('000 Nos.)</b>						
Major Port	473	422	522	710	44	235
Non-Major Port	22599	24162	24551	21005	9812	14951
Total	23071	24584	25073	21715	9856	15186
<b>5. Employment ('000 Nos.)</b>						
Major Port	35	32	29	26	23	22
Non-Major Port	5	5	5	5	10	10
<b>6. Financial Performance - Major Ports (Rs.Crore)</b>						
a) Total Revenue	13551.96	14924.23	15391.76	16249.19	16851.38	17671.45
b) Total Expenditure	10638.61	12235.02	13037.53	11837.73	12298.58	13590.93
<b>7. Performance Indicators- Major Ports</b>						
a) Total Cargo Vessels Sailed(Nos.)	21655	22091	21872	21803	20371	20977
b) Av. Turn Round Time (Hours)	83.52	69.84	65.52	50.88	52.32	53.34
c) Av. Pre-berthing Detention (Hours)	30.48	33.36	26.40	22.8	24.96	18.82
On Port Account	5.28	12.72	8.16	6.96	5.54	6.14
On Non Port Account	25.2	18.96	18.24	15.84	24.87	18.96
d) Output per ship berth day (Tonnes)	19080	20581	21839	21914	19171	21002
Container	24099	23716	26737	27078	26640	29194
Break-Bulk	4176	4946	4699	5143	4349	3938
Dry Bulk- Mechanical	28669	30894	29820	29594	29303	30300
Conventional	16728	17977	19243	18409	18738	19533
Liquid Bulk	22412	24740	25818	26180	19838	25272

# **A . GLOBAL ENVIRONMENT & SEA-BORNE TRADE**

## **1. Overview of World Economic Trends Related to Seaborne Trade**

1.1 This chapter reviews international maritime trade flows, covering 2021. In 2020, because of the fallout from the COVID-19 pandemic, international maritime trade contracted by nearly four per cent, but in 2021 there was a rebound as the global economy started to recover and continued consumer spending, along with an easing in pandemic-related restrictions. Maritime trade grew by 3.2 per cent to a total of 11 billion tons. Nevertheless, the recovery was uneven. Containerized cargo, gas, and dry bulk shipping expanded, while shipments of crude oil declined from 16.0 to 15.5 per cent of maritime trade.

In 2021, the world's leading maritime trade-handling centres were the developing countries, which accounted for 55 per cent of global goods loaded (exports) and 61 per cent of goods discharged (imports). Historically, the developing countries have mainly exported raw materials to developed regions. Over the years, however, the patterns have altered as developing countries have increased manufacturing and consumption; since 2017, imports have overtaken exports. The developed countries contributed the remaining 44.9 per cent of exports and just 39 per cent of imports.

In 2021, Asia remained the world's leading loading and discharge cargo centre, accounting for 42 per cent of exports and 64 per cent of imports. Then came the Americas, followed by Europe, Oceania and Africa.

1.2 Maritime trade recovered in 2021 with the gradual reopening of economies and greater availability of vaccines. After contracting by 3.4 per cent in 2020, world GDP increased by 5.8 per cent in 2021, the fastest growth in more than five decades. The rebound was underpinned by government support measures, estimated at \$16 trillion globally, and the release of pent-up consumer demand.

Nevertheless, due partly to variations in vaccination roll-out and the extent of government support, there were notable differences between countries. In the developed countries, economic output expanded by 5.2 per cent: in the European Union GDP increased by 5.4 per cent and in the United States by 5.7 per cent. In developing countries, growth was 6.8 per cent, driven largely by output in Asia: South Asia grew by 6.8 per cent and East Asia by 6.5 per cent. China's growth was 8.1 per cent while India's was 8.2 per cent, despite a second wave of infection in the second quarter of 2021. In Japan the recovery was slower, with GDP expanding in 2021 by only 1.7 per cent. In Western Asia GDP increased by 6.2 per cent. In Latin America and the Caribbean output rose by 6.6 per cent and in Africa by 5.1 per cent, and also recovered in the least developed countries, albeit growing slower than before the pandemic.

In tandem with growth in the world economy and sustained consumer spending, there was a recovery in world merchandise trade – as measured by the average growth for imports and exports. The upturn started in the third quarter of 2020 and gained further steam in 2021. In 2021, world

merchandise trade, which had slumped by 5.2 per cent in 2020, grew by 9.7 per cent – faster than before the pandemic. For exports, the recovery was driven by countries in Asia where they increased by nearly 13.3 per cent.

1.3 In 2021, there was steady growth for containerized trade, gas shipments, and for dry bulk commodities – iron ore and grains. But crude oil shipments declined – constrained by high oil inventories, oil production cuts, and lower demand for transport fuel as a result of the pandemic, and slowing demand in China.

<b>Year</b>	<b>Tanker Trade @</b>	<b>Main Bulk#</b>	<b>Other Dry Cargo *</b>	<b>Total</b>
2000	2163	1186	2635	5984
2008	2742	1911	3578	8231
2009	2641	1998	3218	7857
2010	2752	2232	3423	8407
2011	2785	2364	3626	8775
2012	2840	2564	3791	9195
2013	2828	2734	3951	9513
2014	2825	2964	4054	9843
2015	2932	2930	4161	10023
2016	3058	3009	4228	10295
2017	3146	3151	4419	10716
2018	3201	3215	4603	11019
2019	3163	3218	4690	11071
2020	2918	3196	4531	10645
2021	2952	3172	4761	10985

*a)* Tanker includes crude oil, refined petroleum products, gas, and chemicals.  
*b)* Main bulk includes iron ore, grain, coal, bauxite/alumina and phosphate. Starting in 2006, “Main bulk” includes iron ore, grain, and coal only. Data relating to bauxite/alumina and phosphate are included under “Dry cargo other than main bulk”.  
*c)* Other dry cargo includes minor bulk commodities, containerized trade, and residual general cargo.  
Source: Review of Maritime Transport, 2022, UNCTAD

## **2. Seaborne Trade by Cargo Type**

### **Crude Oil and Petroleum Products**

2.1 In 2020, total tanker trade dropped by 7.7 per cent, though in 2021 increased by 1.2 per cent to around three billion tons. Other tanker trade, including refined petroleum products and gas, increased by 4.1 per cent, reflecting a 5.6 per cent growth in gas trade, but the trade in crude oil continued to contract, by around one per cent.

Shipments of crude oil in the first half of 2021 were depressed by high prices and inventories, and cuts in production by OPEC+, as well as by recurrent COVID-19-induced restrictions that reduced the demand for transport fuel. Imports were also limited by refinery maintenance, together with higher oil prices that promoted the use of stocks, as well as by quotas that undermined imports by independent refiners.

On the other hand, there was a revival in ‘other tanker’ trade. This had declined by 7.7 per cent in 2020 but in 2021 grew by 4.1 per cent with a growth in demand for fuel. India upped product exports by 8.3 per cent while the United States eased pandemic lockdowns, increasing the demand for transport and resulting in a jump in imports of 16.7 per cent.

### **Natural Gas and liquefied gases**

2.2 2021 also saw increased exports of liquefied natural gas (LNG). Growth increased from 0.4 per cent in 2020 to 5.6 per cent in 2021. This was a result of strong import demand in Asia which grew by 7.6 per cent, led by China at 16.8 per cent. For LNG, the short-term outlook appears positive, given low gas inventories in Europe and continued firm demand in Asia, along with efforts to expand liquefaction capacity. LNG is also expected to benefit from efforts to achieve energy security and diversify sources of supply.

2.3 The liquefied petroleum gas (LPG). In 2020, volumes had declined by 0.9 per cent, but in 2021 recovered firmly by 6.7 per cent – sustained by demand growth of 25.6 per cent from China and a 15.2 per cent growth in exports from the United States.

### **Dry Cargo Trades**

#### **Dry Bulk Shipments: Major and Minor dry bulks**

2.4 In 2021, dry bulk trade, including major and minor bulks, increased by an annual rate of 3.5 per cent. Total shipments reached about 5.5 billion tons, reflecting a firm economic and industrial recovery in China, improved global macroeconomic trends, released pent-up demand, and boosts from stimulus spending. Much of the growth was driven by strengthened demand for minor bulk commodities (five per cent) and to a lesser extent by demand for major bulks (2.5 per cent).

2.5 Trade in iron ore depends heavily on developments in China, and in 2021 grew only marginally, by one per cent, reflecting a softening in China’s industrial production and some

normalization of import demand. There were also problems in the real estate market which accounts for 15 to 30 percent of China's GDP.<sup>9</sup> Nevertheless, in 2021, China still accounted for 73 per cent of world iron ore imports – a share above the pre-pandemic level. Future iron ore trade will depend on government policies on steel production, though there could be some support from inventory building.

2.6 In 2020, a pandemic-induced drop in power demand led to a 9.1 per cent slump in the coal trade, but in 2021 the trade rebounded by 4.6 per cent. Coal has also been affected by Australia-China trade tensions which have increased coal ton-miles as Australia redirects shipments to more distant markets such as India, and China imports more coal from other parts of the world, including the United States and Canada.

In 2020, grain shipments increased by 8.1 per cent, boosted by the United States-China trade agreement. In 2021, they increased further, by 1.9 per cent. Major players in dry bulk commodities supply and demand.

## **Other Dry Cargo Trades**

### **Containerized Trade**

2.7 The Containerized trade performed well in 2021, boosted by the pandemic-led demand for consumer goods, particularly from East Asia. Volume, which had declined by 1.3 per cent in 2020, rebounded in 2021, reaching 165 million 20-foot equivalent units (TEU). This was propelled by improved global economic conditions, combined with released pent-up demand, restocking, and continued spending on consumer goods, increasingly through e-commerce.

In 2021, the top five container exporters, accounting for almost half the traffic, were China, the United States, Viet Nam, the Republic of Korea and Japan. China alone accounted for about 30 per cent.

2.8 In Asia, which is at the heart of global manufacturing, parts and components of goods cross borders several times and contribute 27 per cent of world containerized trade flows – equivalent to the combined share of non-mainlane East-West, South-South and North-South flows. Other routes accounted for the remaining shares. Non-mainlane East-West routes such as South Asia-Mediterranean accounted for 12.9 per cent, while South-South trades, such as Sub-Saharan Africa to Latin America and the Caribbean, accounted for 12.5 per cent, and North-South, such as Africa to Europe, for 7.8 per cent.

Performance across container shipping lanes also varied depending on the direction of trade—headhaul or backhaul. Volumes on the Transpacific route increased by 15 per cent, reflecting 20 per cent growth on the peak East Asia to North America leg. Meanwhile, trade on the backhaul journey fell by 1.6 per cent. Trade on the Asia-Europe route increased by ten per cent, supported by growing volumes from East-Asia to Europe (14.7 per cent). Trade on the transatlantic route increased by 14 per cent, driven by 18.7 per cent growth in volumes shipped from Europe to North America where consumer demand was booming.

## Seaborne Trade Development Forecast

2.9 Following a 3.8 per cent decline in 2020, international maritime trade bounced back in 2021 with an estimated growth of 3.2 per cent, and overall shipments of 11 billion tons. This was slightly below pre-COVID-19 levels, as trade was still hampered by the prolonged pandemic, an unprecedented logjam in global logistics caused by a large upswing in demand and acute shortages of capacity on the supply side. Growth was driven primarily by increases in demand for containerized cargo. Gas, and dry bulk shipping also increased while shipments of crude oil declined.

For 2022 UNCTAD projects maritime trade growth to moderate to 1.4 per cent, and for the period 2023–2027 to expand at an annual average of 2.1 per cent, a slower rate than the previous three-decade average of 3.3 per cent. For many years the fastest growing segment was containerized trade, for which growth in 2022 is projected to be a tepid 1.2 per cent, before marginally picking up to 1.9 per cent in 2023.

### 3. Indian Economy and India's Maritime Trade

3.1 India's economy has witnessed a significant economic growth in the recent the past, the Gross Value Added (GVA) at Basic Price growing by 8.8% in FY 2021-22 as against negative growth 4.2% percent in FY 2020-21. The growth of the all sectors Industry, Service sector and Agriculture have steady increase during 2021-22.

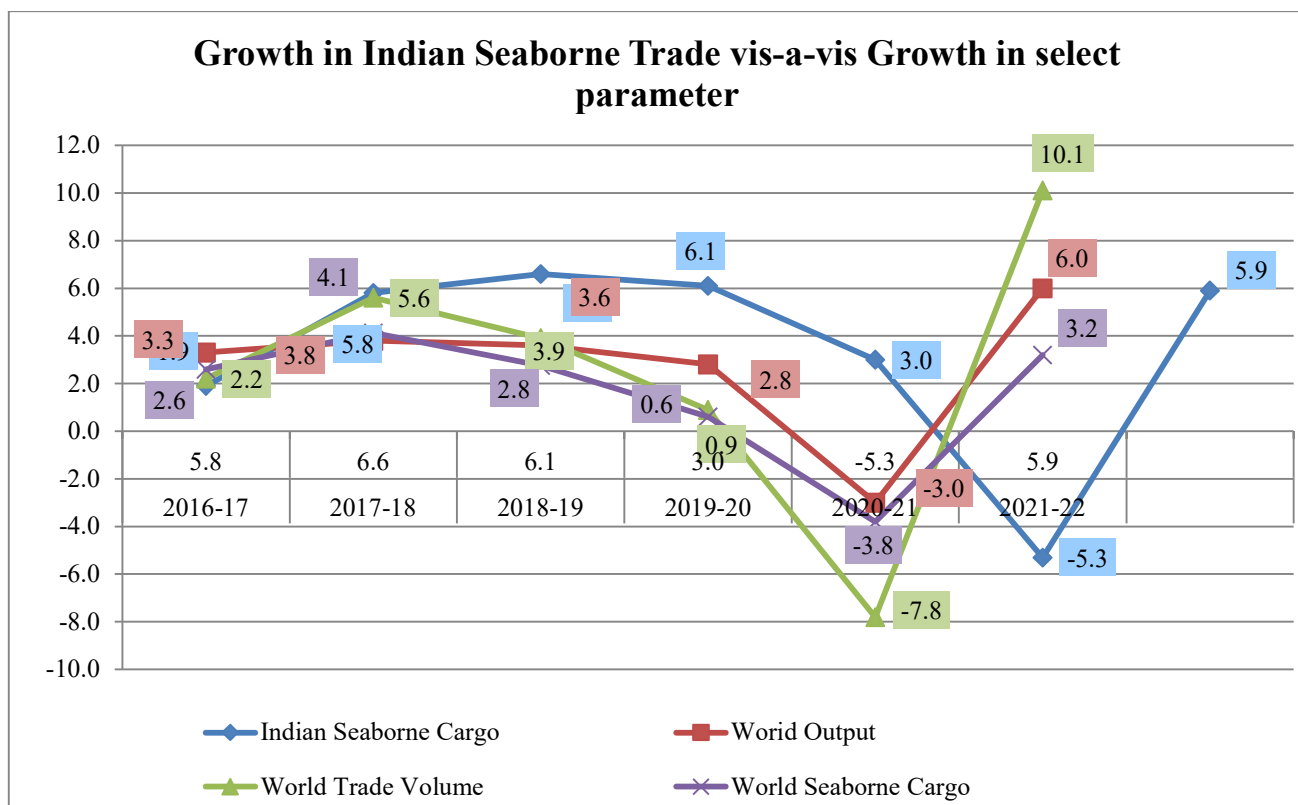
The growth of total cargo handled in India has been increased from negative growth 5.3% in 2020-21 to 5.9% in 2021-22. The growth in the cargo handled at Non-major Ports has been increased from negative growth 6.1% in 2020-21 to 4.6% in 2021-22. The growth in the cargo handled at major Ports also increase from negative growth 4.6% in 2020-21 to 7.0% in 2021-22.

3.2 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 2** gives the growth of cargo at Indian ports and related parameters of Indian and world trade

**Table 2: Growth in Cargo handled at Indian Ports and related parameters (in %)**

Parameters	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
<b>Trends in India's Select : Macro Parameters</b>							
<b>I. Total Cargo</b>	<b>1.9</b>	<b>5.8</b>	<b>6.6</b>	<b>6.1</b>	<b>3.0</b>	<b>-5.3</b>	<b>5.9</b>
(a) Major Ports	4.2	7.0	4.8	2.9	0.8	-4.6	7.0
(b) Non Major Ports	-1.1	4.2	9.0	10.1	5.6	-6.1	4.6
<b>II.GVA overall</b>	<b>8.0</b>	<b>8.0</b>	<b>6.2</b>	<b>5.8</b>	<b>3.9</b>	<b>-4.2</b>	<b>8.8</b>
(a) Agriculture	0.6	6.8	6.6	2.1	6.2	4.1	3.5
(b) Industry	9.6	7.7	5.9	5.3	-1.4	-0.9	11.6
(c) Services	9.6	8.3	7.4	7.2	6.3	-11.3	10.0
<b>III. Foreign Trade</b>							
(a) Export in \$ value	-15.5	5.2	10.0	8.7	-5.1	-6.9	44.6
(b) Import in \$ value	-15.0	0.9	21.1	10.4	-7.7	-16.9	55.4
<b>Trends in Select : Global Indicators</b>							
<b>IV. World Output</b>	<b>3.4</b>	<b>3.3</b>	<b>3.8</b>	<b>3.6</b>	<b>2.8</b>	<b>-3.0</b>	<b>6.0</b>
(a) Advanced Economies	2.3	1.8	2.5	2.3	1.7	-4.4	5.2
(b) Developing Economies	4.3	4.4	4.8	4.6	3.6	-1.9	6.6
<b>V. World Economic Growth</b>	<b>2.6</b>	<b>2.5</b>	<b>3.1</b>	<b>3.1</b>	<b>2.6</b>	<b>-3.4</b>	<b>5.8</b>
(a) Advanced Economies	2.2	1.7	2.3	2.3	1.8	-4.5	5.2
(b) Developing Economies	3.8	3.9	4.5	4.3	3.7	-1.7	6.8
(c) Transition Economies	-2.2	0.3	2.1	2.8	2.6	-2.6	4.9
<b>VI. World Trade Volume (Goods)</b>	<b>2.9</b>	<b>2.3</b>	<b>5.7</b>	<b>4.1</b>	<b>0.9</b>	<b>-7.8</b>	<b>10.1</b>
<b>VII. Export Volume growth (Goods)</b>							
(a) Advanced Economies	3.7	2.0	5.1	3.6	1.2	-9.0	8.7
(b) Developing Economies	1.9	2.8	6.4	4.3	0.5	-4.8	11.8
<b>VIII. Import Volume (Goods)</b>							
(a) Advanced Economies	4.7	2.5	4.8	3.8	2.1	-8.4	9.5
(b) Developing Economies	-0.6	1.6	7.5	5.2	-1.0	-7.8	11.8
<b>IX. World Seaborne Trade*</b>	<b>1.8</b>	<b>2.6</b>	<b>4.1</b>	<b>2.8</b>	<b>0.6</b>	<b>-3.8</b>	<b>3.2</b>
(a) Goods Loaded	1.8	2.6	4.2	2.7	0.5	-3.8	3.2
(b) Goods Unloaded	1.8	2.6	4.1	2.8	0.6	3.8	3.2
<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, 2021-22, Ministry of Statistics and Programme Implementation.</p> <p>III. Based on Department of Commerce, DGCI&amp;S and RBI Bulletin</p> <p>IV, VI, VII &amp; VIII Based on World Economic Outlook, October, 2021, IMF;</p> <p>V &amp; IX. Based on Review of Maritime Transport, 2022, UNCTAD</p> <p><b>Note :</b> For item Nos IV, V, VI, VII, VIII &amp; IX year 2015-16 refers to calendar year 2015 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 I** below:



Source: Indian Seaborne Cargo-Major and Non-major Ports  
 World Output and World Trade Volume- World Economic Outlook, October 2022, IMF  
 World Seaborne Cargo- Review of Maritime Transport, 2022, UNCTAD

#### 4. Trends in India’s Overseas Trade

4.1 During 2021-22, the total overseas cargo handled at Indian ports was 1060.13 million tonnes compared to 1021.88 million tonnes in 2020-21. Indian Overseas trade registered a growth of 3.7% in 2021-22 over 2020-21, while it registered a negative growth of 4.2% in the year 2020-21. However, goods loaded trade increased by 2.0% in 2021-22 while goods unloaded registered a growth of 4.5% in 2021-22 as compared to growth of 10.1% and negative growth 9.0% in loaded & unloaded goods respectively during 2020-21. Trend in Indian Overseas trade since 2016-17 is presented in **Table 2A** below.

<b>Table 2A: Trend in Indian Overseas Trade (% change over previous year)</b>						
	<b>2016-17</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>
<b>Goods Loaded</b>	18.6	4.1	-1.2	12.4	10.1	2.0
<b>Goods Unloaded</b>	0.5	4.8	6.3	2.2	-9.0	4.5
<b>Total Loaded +Unloaded</b>	4.5	4.6	4.5	4.6	-4.2	3.7

4.2 The share of Indian Flag vessels in carrying total overseas cargo during 2018-19 to 2021-22 is summarized in **Table 2B**.

<b>Table 2B : India's Overseas Cargo and share of Cargo carried by Indian Flag Vessels during 2018-19 to 2021-22</b>								
(In Million Tonnes)								
<b>Type of Cargo</b>	<b>2018-19</b>		<b>2019-20</b>		<b>2020-21</b>		<b>2021-22</b>	
	<b>Total Overseas Cargo</b>	<b>Share of Indian Lines</b>	<b>Total Overseas Cargo</b>	<b>Share of Indian Lines</b>	<b>Total Overseas Cargo</b>	<b>Share of Indian Lines</b>	<b>Total Overseas Cargo</b>	<b>Share of Indian Lines</b>
Break Bulk	36.00	2.95 (8.2)	37.76	0.65 (1.7)	41.13	0.15 (0.4)	48.442	0.42 (0.9)
Container	213.54	8.07 (3.8)	221.92	6.17 (2.8)	218.66	8.34 (3.8)	256.76	9.11 (3.6)
Dry Bulk Cargo	394.36	20.27 (5.1)	416.93	11.51 (2.8)	402.74	11.39 (2.8)	377.599	11.8 (3.1)
Liquid Bulk Cargo	375.21	48.36 (12.9)	389.63	51.52 (13.2)	359.35	37.51 (10.4)	377.329	36.17 (9.6)
<b>Total</b>	<b>1019.104</b>	<b>79.65 (7.8)</b>	<b>1066.239</b>	<b>69.85 (6.6)</b>	<b>1021.88</b>	<b>57.39 (5.6)</b>	<b>1060.13</b>	<b>57.5 (5.4)</b>
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 5.4 % of the country's overseas cargo during 2021-22 as against 5.6% in 2020-21.

## **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 1323.80 million tonnes in 2021-22 from 1249.99 million tonnes in 2020-21 reflecting an increase of 5.9% during 2021-22. India's major ports handled around 54.4% of the cargo handled at Indian ports. The growth profile of cargo throughput at India's major and non-major ports in terms of their coastal and overseas trade during 2019-20 to 2021-22 is given in the Table 3 below:

<b>Table 3 : Growth in Cargo Traffic at Indian Ports (In %)</b>									
<b>Port</b>	<b>2019-20</b>			<b>2020-21</b>			<b>2021-22</b>		
	<b>OT</b>	<b>CT</b>	<b>TT</b>	<b>OT</b>	<b>CT</b>	<b>TT</b>	<b>OT</b>	<b>CT</b>	<b>TT</b>
<b>Major</b>	2.32	-3.96	0.82	-3.64	-7.77	-4.57	4.45	16.27	7.04
<b>Non Major</b>	7.15	-2.44	5.57	-4.71	-14.06	-6.14	2.99	14.35	4.58
<b>All Ports</b>	4.63	-3.41	2.98	-4.16	-10.10	-5.30	3.74	15.59	5.90
Note: OT - overseas cargo traffic; CT - Coastal cargo traffic; TT - Total cargo traffic									

5.2 The period 2001-02 to 2021-22 saw compound annual growth rate (CAGR) of 6.4% in total cargo throughput at Indian ports. The compound annual growth in Cargo handled at major ports and non-major ports was 4.7% and 9.7% during 2001-02 to 2021-22. The growth in cargo handled by major ports and non-major ports during 2021-22 registered growth of 7.0% and 4.6% respectively.

5.3 Commodity-wise traffic handled, in respect of principal commodities, by all the ports (major & non-major) in India from the year 2008-09 to 2021-22 are presented in **Table 4** below:

<b>Table 4 : Commodity-wise Traffic Handled by All Ports (Million Tonnes)</b>							
<b>Year</b>	<b>Commodity-wise Traffic</b>						
	<b>POL (Crude &amp; Products)</b>	<b>Iron Ore</b>	<b>Building materials</b>	<b>Coal</b>	<b>Fertiliser Raw Material</b>	<b>Others</b>	<b>Total</b>
<b>2008-09</b>	272.02 (5.24)	128.53 (1.59)	13.26 -(18.48)	98.38 (16.97)	27.13 (6.86)	204.70 -(4.76)	744.03 (2.53)
<b>2009-10</b>	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)
<b>2010-11</b>	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)
<b>2011-12</b>	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)
<b>2012-13</b>	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)
<b>2013-14</b>	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)
<b>2014-15</b>	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)
<b>2015-16</b>	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)
<b>2016-17</b>	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)
<b>2017-18</b>	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)
<b>2018-19</b>	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)
<b>2019-20</b>	(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)
<b>2020-21</b>	(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)
<b>2021-22</b>	(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)

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 27.7% of the total seaborne traffic followed by Coal (20.3%), Iron ore (7.2%) and FRM (2.3%) in 2021-22.

## 6. India's Port Infrastructure

6.1 Ports are economic and service provision units of a remarkable importance since they act as a place for the interchange of two transport modes, maritime and land, whether by rail or road. Therefore, the essential aspect of ports lies in their intermodal nature. India has a coast-line of

around 7517 Kms with 12 major ports and 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 5** below:

<b>Table 5 : State-wise Cargo Traffic at Indian Ports during 2021-22</b>			
(Million Tonnes)			
<b>Name of the State</b>	<b>Major Ports</b>	<b>Non-Major Ports</b>	<b>Total</b>
1. Gujarat	127.10	405.39	532.49
2. Maharashtra	135.89	52.47	188.36
3. Goa	18.46	0.03	18.48
4. Karnataka	39.30	0.79	40.08
5. Kerala	34.55	0.14	34.69
6. Tamil Nadu	121.43	7.84	129.27
7. Andhra Pradesh	69.03	87.98	157.01
8. Orissa	116.13	41.54	157.68
9. West Bengal	58.18	0.00	58.18
10. Others(a)	0.00	7.37	7.37
<b>TOTAL</b>	<b>720.05</b>	<b>603.75</b>	<b>1323.80</b>

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 40.2% of the total cargo handled at Indian ports. It is also noteworthy that about 67.2% 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 (14.2%), Andhra Pradesh & Odisha 11.9% each and Tamil Nadu with share of 9.8% in India's total seaborne traffic.

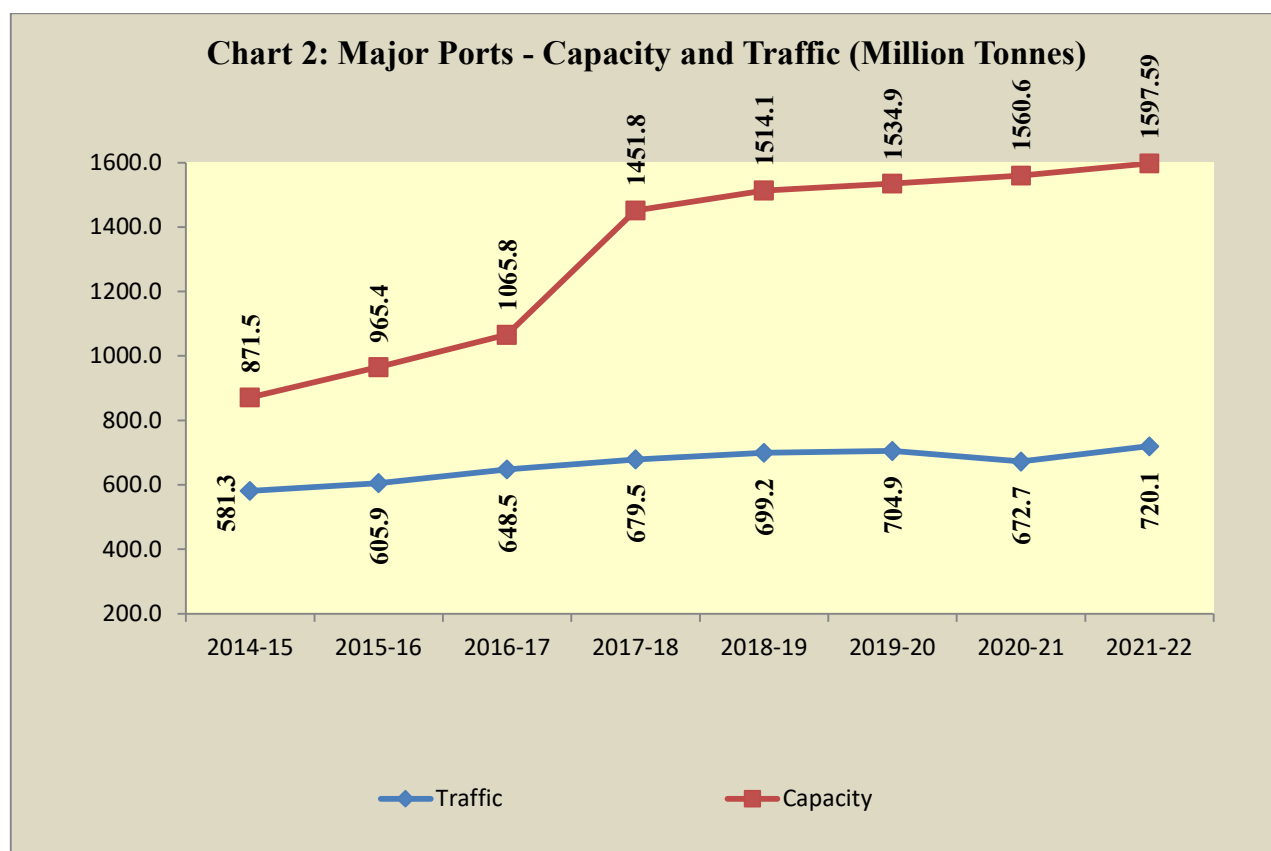
## C . PERFORMANCE OF MAJOR PORTS

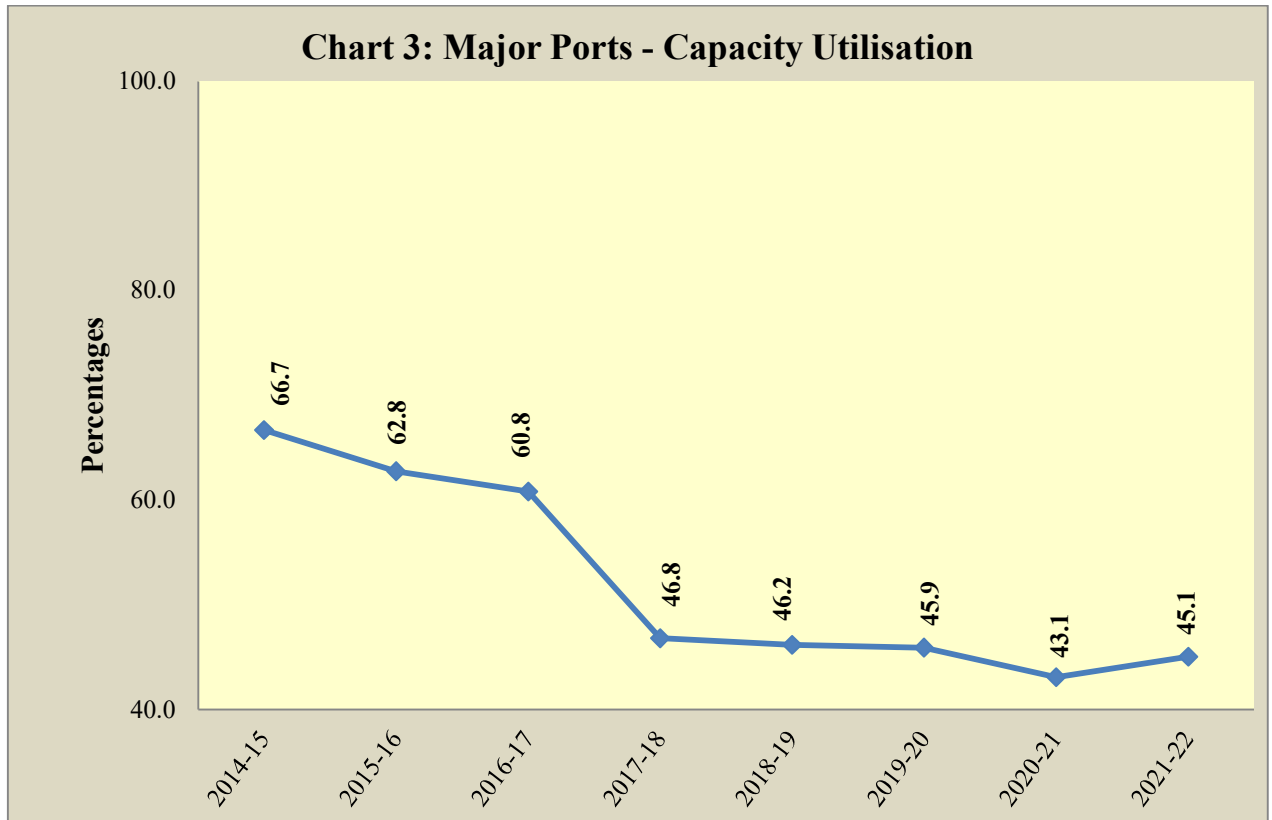
### 7. CARGO TRAFFIC HANDLED

7.1 The twelve major ports in India handled about 54.4% of the maritime cargo traffic of the country in 2021-22. 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 2.3 times increase from 581.3 million tonnes in 2014-15 to 720.1 million tonnes in 2021-22 (**Chart 2**).

7.2 Cargo handling capacity at major ports has also risen with traffic. The capacity which was placed at 871.5 million tonnes at the end of 2014-15 has increased to a level of 1534.9 million tonnes at the end of 2019-20 and further increased to 1597.59 million tonnes during 2021-22.

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 66.7 % in 2014-15, reduced to 45.1% in 2021-22. The capacity utilization at Major ports from 2014-15 to 2021-22 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 2021-22 by major ports was of the order of 548.73 million tonnes and 171.32 million tonnes respectively. The Overseas Cargo traffic handled at Major Port recorded increase of 4.5% in 2021-22 as compared to 2020-21 and the Coastal cargo traffic recorded growth by 16.3% in 2021-22. However, the total cargo traffic handled in 2021-22 was increased by 7.0% as compared to 2020-21.

8.2 The Cargo traffic in terms of coastal and overseas categories at Major Ports during 2020-21 & 2021-22 are given in **Table 6**. Amongst the major ports, Deendayal Port (erstwhile Kandla port) accounted for the highest share of 17.7% in the total cargo traffic at all major ports during 2021-22 followed by Paradip (16.1%), J.L. Nehru (10.6%), Vishakhapatnam (9.6%), Mumbai (8.3%), Chennai (6.7%), SMP (Haldia Dock Complex) (6.0%), NMPT (5.5%), Kamarajar (5.4%) Cochin Port (4.8%) and V.O.Chidambaranar Port (4.7%).. The cargo traffic at SMP Kolkata Dock System (KDS) and Mormugao Port had a share of less than 3% each during the same period of 2021-22. 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 Kamarajar recorded highest growth of 49.6% during 2021-22 followed by JNPT (17.3%), Mumbai (12.3%), Chennai (11.5%), Cochin (9.7%), Deendayal (8.1%), NMPT (7.7%), V.O.Chidambaranar Port (7.3%) and Paradip (1.4%). Other major ports like Mormugao recorded a highest negative growth (16.1%) followed by SMP Haldia (5.7%), SMP (KDS) (3.8%) and Vishakhapatnam Port (1.2%) and respectively.

Port	2020-21			2021-22		
	Overseas	Coastal	Total	Overseas	Coastal	Total
<b>SMP(Kolkata Dock System)</b>	15.32	0.58	15.90	14.87	0.43	15.30
	(2.92)	(0.39)	(2.36)	(2.71)	(0.25)	(2.12)
<b>SMP (Haldia Dock Complex)</b>	40.40	5.07	45.47	37.50	5.38	42.88
	(7.69)	(3.44)	(6.76)	(6.83)	(3.14)	(5.95)
<b>Paradip</b>	83.92	30.63	114.55	73.93	42.20	116.13
	(15.97)	(20.79)	(17.03)	(13.47)	(24.63)	(16.13)
<b>Visakhapatnam</b>	52.99	16.86	69.84	47.76	21.27	69.03
	(10.09)	(11.44)	(10.38)	(8.70)	(12.42)	(9.59)
<b>Chennai</b>	37.96	5.59	43.55	41.39	7.17	48.56
	(7.23)	(3.79)	(6.47)	(7.54)	(4.19)	(6.74)
<b>Kamarajar</b>	14.70	11.19	25.89	22.50	16.24	38.74
	(2.80)	(7.59)	(3.85)	(4.10)	(9.48)	(5.38)
<b>V.O.Chidambaranar</b>	21.14	10.65	31.79	23.56	10.56	34.12
	(4.02)	(7.23)	(4.73)	(4.29)	(6.16)	(4.74)
<b>Cochin</b>	20.40	11.10	31.50	22.71	11.84	34.55
	(3.88)	(7.53)	(4.68)	(4.14)	(6.91)	(4.80)
<b>New Mangalore</b>	25.83	10.67	36.50	29.40	9.89	39.30
	(4.92)	(7.24)	(5.43)	(5.36)	(5.77)	(5.46)
<b>Mormugao</b>	20.58	1.41	21.99	16.34	2.11	18.46
	(3.92)	(0.96)	(3.27)	(2.98)	(1.23)	(2.56)
<b>J. L. Nehru</b>	60.10	4.71	64.81	71.88	4.12	76.00
	(11.44)	(3.19)	(9.63)	(13.10)	(2.41)	(10.55)
<b>Mumbai</b>	29.58	23.74	53.32	35.79	24.10	59.89
	(5.63)	(16.11)	(7.93)	(6.52)	(14.07)	(8.32)
<b>Deendayal</b>	102.41	15.15	117.57	111.08	16.02	127.10
	(19.50)	(10.28)	(17.48)	(20.24)	(9.35)	(17.65)
<b>Total</b>	525.33	147.35	672.68	548.73	171.32	720.05
	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

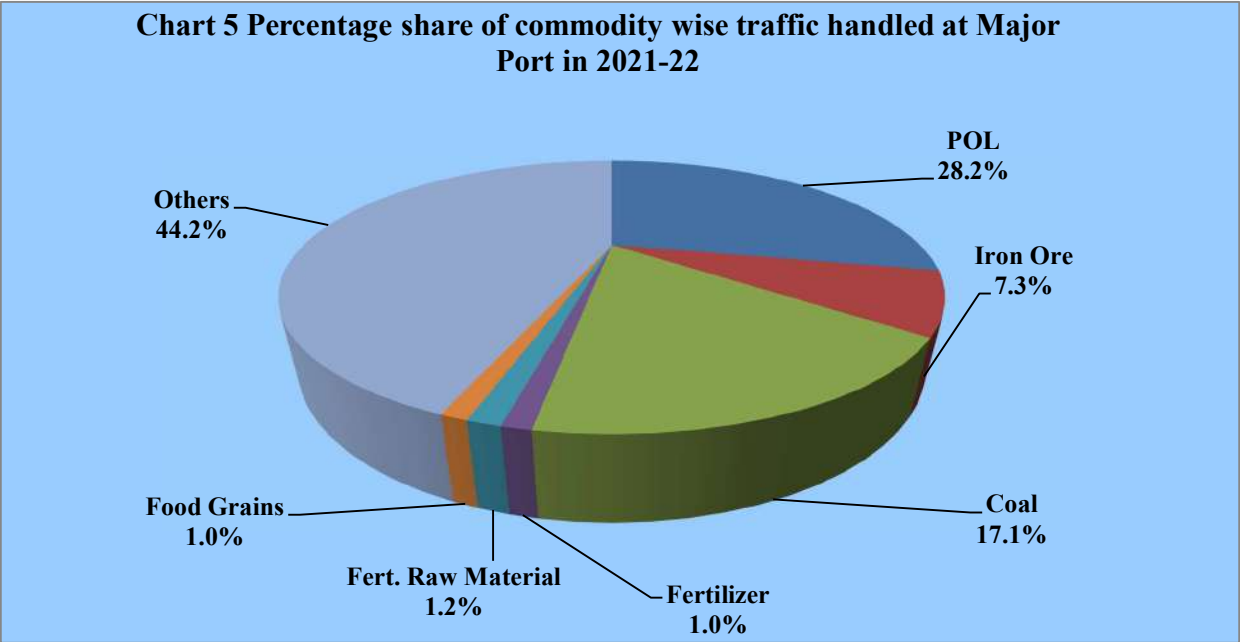
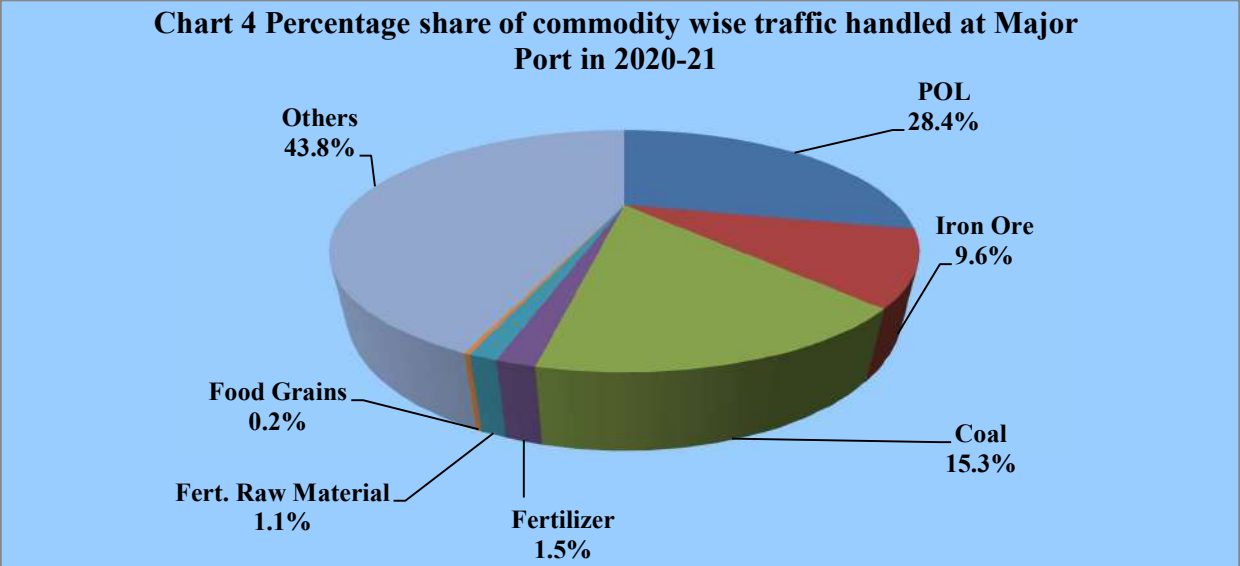
9.1 Commodity-wise break-up of traffic handled at the major ports in India from 2008-09 to 2021-22 is given in **Table 7** below:

<b>Table 7: Commodity-wise Cargo Traffic Handled at Major Ports (Million Tonnes)</b>								
<b>Year</b>	<b>POL (Crude &amp; Products)</b>	<b>Fertilizer</b>	<b>Fertilizer Raw Material Dry</b>	<b>Iron Ore</b>	<b>Coal*</b>	<b>Food- grains</b>	<b>Others</b>	<b>Total</b>
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)

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

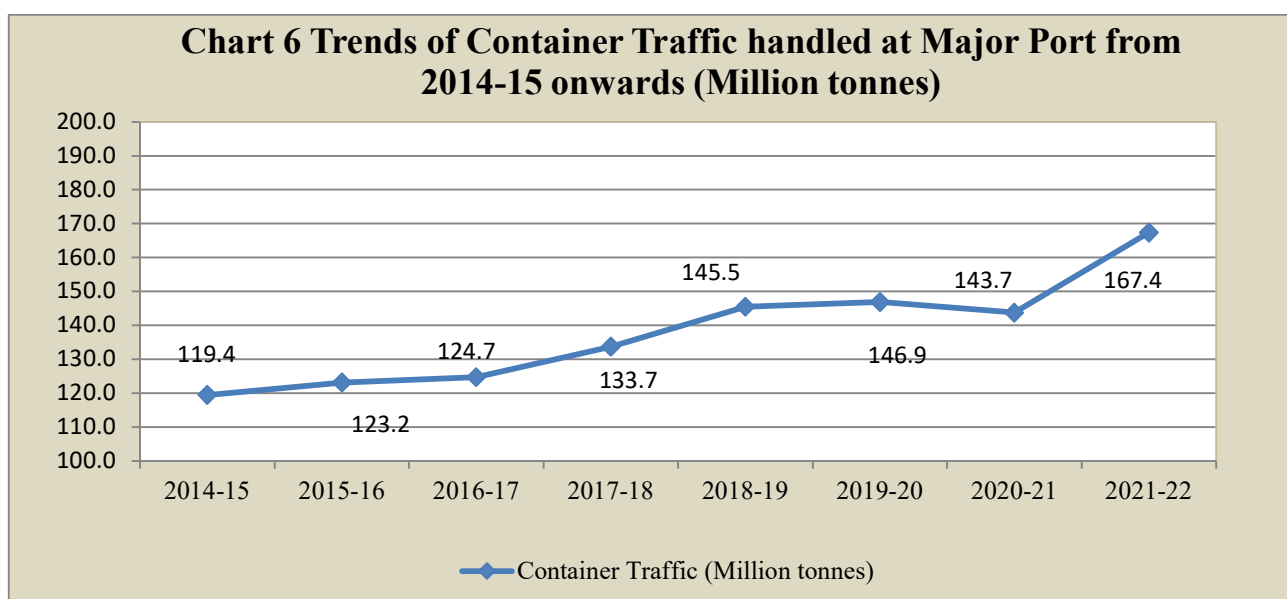
9.2 The highest growth in traffic during 2021-22, among the principal commodities, is seen in the case of Food Grain (352.3%), followed by Coal (19.7%), FRM (13.6%), Other Commodity (7.9%) and POL (6.4%). Traffic for Fertilizer reported highest negative growth (27.8%) followed by Iron ore of (18.8%) respectively.

9.3 In respect of the traffic handled at Major ports, it is also observed that more than 89% of the traffic handled during 2021-22 was accounted by three commodities viz. other cargo including Containers (44.2%), POL & Products (28.2%) and Coal (17.1%).



## 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 119.4 million tonnes in 2014-15 to 124.7 million tonnes in 2016-17. It increased to 143.7 million tonnes in 2020-21 and increase to 167.4 million tonnes (11.2 million TEUs) in 2021-22 (**Chart-6**). Non-containerized cargo declined from 528.97 in 2020-21million tonnes to 552.67 million tonnes in 2021-22.

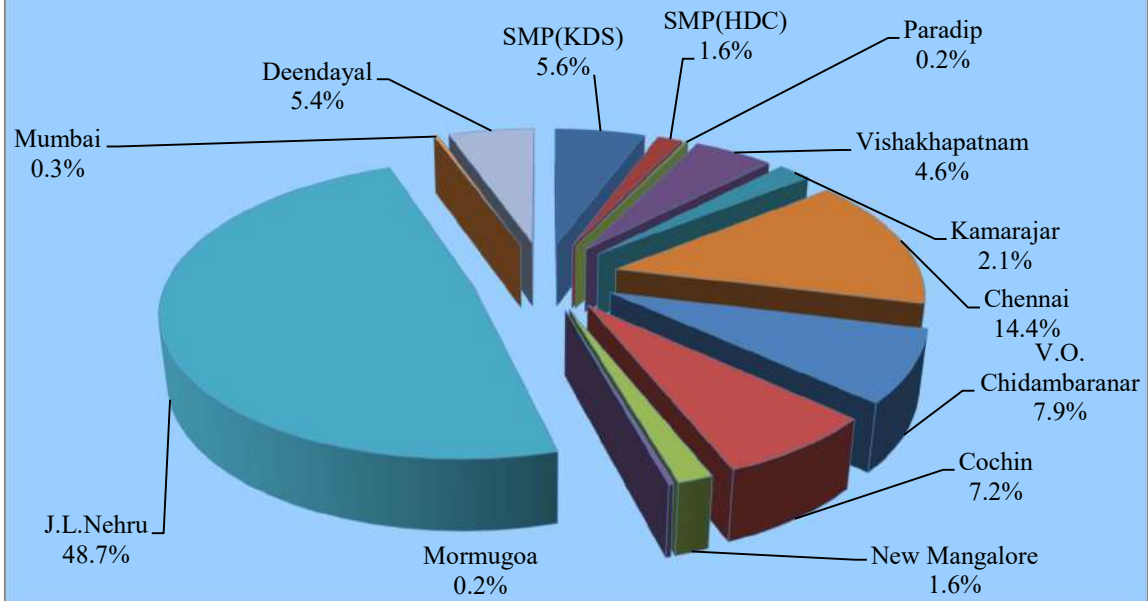


10.2 The growth in container traffic at the container handling ports of the country is given in **Table 8**.

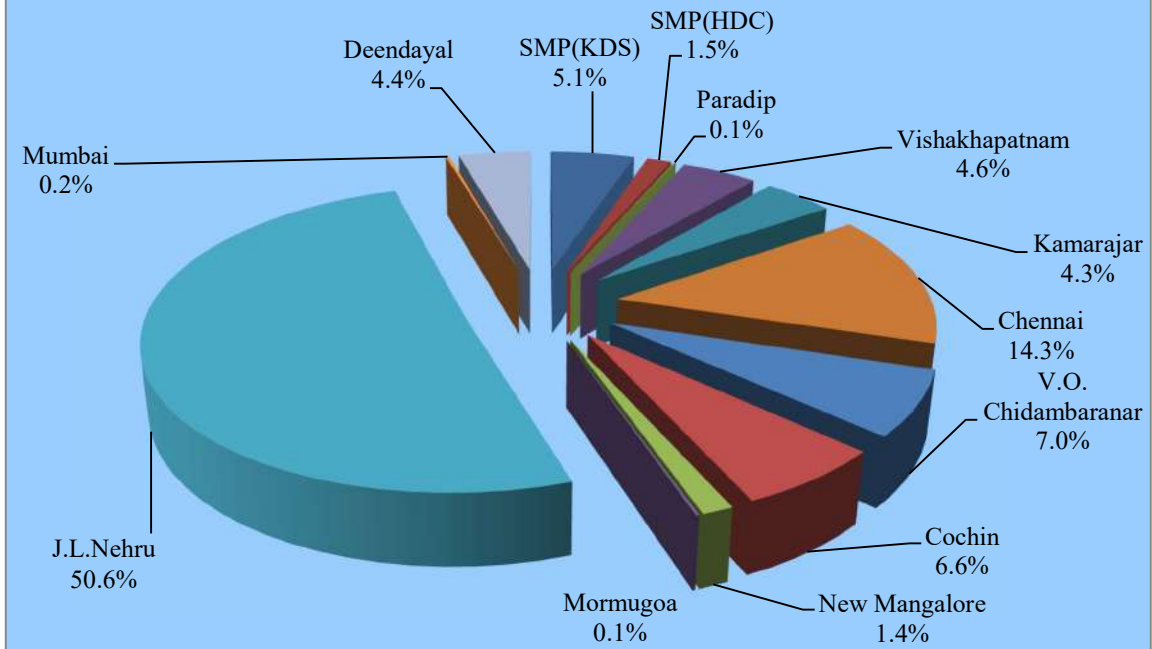
<b>Table-8 Major Port-wise Container Traffic Handled (in 000' tonnes &amp; 000' TEUs)</b>				
<b>Name of Port</b>	<b>2020-21</b>		<b>2021-22</b>	
	<b>000' Tonnes</b>	<b>000' TEUs</b>	<b>000' Tonnes</b>	<b>000' TEUs</b>
SMP (Kolkata D.S)	8237	538	8441	570
SMP (Haldia D.C)	2927	149	3353	165
Paradip	279	16	184	10
Vishakhapatnam	8178	481	8583	512
Kamarajar	3871	198	9269	480
Chennai	26768	1387	30925	1602
V.O.Chidambaranar	15023	762	15905	781
Cochin	9550	690	10278	736
New Mangalore	2291	150	2309	152
Mormugoa *	307	22	184	14
J.L.Nehru	57746	4677	69092	5685
Mumbai	255	25	238	25
Deendayal	8279	515	8620	493
<b>All Ports</b>	<b>143710</b>	<b>9610</b>	<b>167381</b>	<b>11225</b>

10.3 The share of JNPT during 2021-22 in total container traffic stood at 50.6% (in TEUs) and 41.3% (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 (14.3%), V.O. Chidambaranar (7.0%), Cochin (6.6%) SMP Kolkata Dock System (5.1%), , Vishakhapatnam (4.6%), and Deendayal (4.4%). 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 JNPT. During 2021-22 also, the share of Mumbai Port in container traffic was 0.2 percent only in TEUs. Concomitantly, the share of JNPT has surged ahead from 19.4% to 50.6% during the same period. Chart 7 and 8 gives the share of container cargo handled at Major Ports during 2020-21 and 2021-22 respectively.

**Chart 7 Share of Major port Container traffic in 2020-21**



**Chart 8 Share of Major port Container traffic in 2021-22**



## 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 2021-22. The port-wise capacity and traffic handled for the year 2021-22 is brought out in **Table 9** below:

<b>Name of the Port</b>	<b>Capacity</b>	<b>Traffic</b>	<b>Capacity Utilisation(%)</b>
SMP (Kolkata Dock System) #	92.77	58.18	62.71
Paradip	289.75	116.13	40.08
Visakhapatnam	134.18	69.03	51.45
Kamarajar	91.00	38.74	42.57
Chennai	135.00	48.56	35.97
Chidambaranar	111.46	34.12	30.61
Cochin	78.60	34.55	43.96
New Mangalore	108.96	39.30	36.06
Mormugao	63.40	18.46	29.11
J. L. Nehru	141.37	76.00	53.76
Mumbai	84.00	59.89	71.30
Deendayal	267.10	127.10	47.59
<b>ALL PORTS</b>	<b>1597.59</b>	<b>720.05</b>	<b>45.07</b>
# Included SMP HDC			

11.2 Mumbai is the port where capacity utilization is more than 71%. Some of the other ports having capacity utilization of more than 50% are SMP Kolkata (62.70%) and Visakhapatnam (51.45%).

## EFFICIENCY INDICATORS OF MAJOR PORT OPERATIONS

### 12 Average Pre-berthing Detention

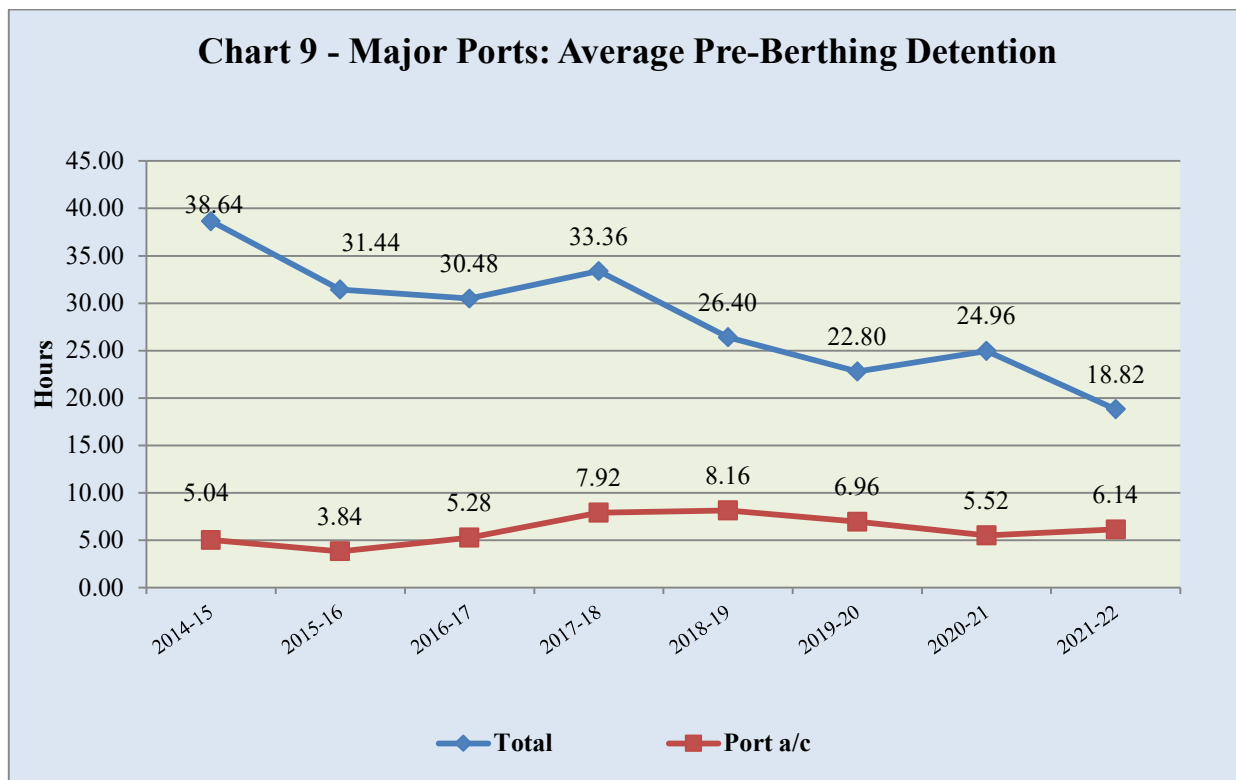
12.1 The average overall pre berthing detention time for all major ports declined from 51.84 hours in 1990-91 to 18.82 hours in 2021-22. However, the average PBDT which decreased to 24.96 hours in 2020-21 further decreased to 18.82 hours in 2021-22. Port-wise average PBD for selected years is indicated in **Table 10** below:

Port	1990-91	2000-01	2010-11	2017-18	2018-19	2019-20	2020-21	2021-22
1	2	3	4	5	6	7	8	9
SMP Kolkata D.S	21.6	14.64	29.52	14.88	11.11	16.77	12.24	14.75
SMP Haldia D.C	39.84	21.84	89.52	75.60	65.28	70.95	65.04	31.10
Paradip	38.16	33.84	120.96	20.88	7.14	15.32	6.24	2.44
Vishakhapatnam	43.92	18	67.44	56.88	30.95	1.22	1.20	0.90
Kamarajar	0	0	15.6	13.68	4.21	2.88	1.92	0.85
Chennai	50.4	58.8	38.64	20.64	3.49	0.00	0.00	0.07
V.O.Chidambaranar	21.6	33.6	30.96	27.12	16.26	15.61	12.00	11.63
Cochin	19.92	17.76	24.72	10.32	12.67	11.44	15.36	11.23
New Mangalore	18.96	18.48	14.16	27.84	26.38	30.13	26.16	28.54
Mormugao**	60.24	31.68	97.68	31.44	29.83	29.05	30.24	18.85
J.L.Nehru	0	16.08	36.24	22.08	19.77	18.38	21.84	21.58
Mumbai	81.6	30.24	29.52	23.04	25.58	3.74	2.40	0.95
Deendayal	105.6	36.24	79.68	45.60	48.50	44.43	67.44	56.42
All Ports	51.84	28.56	55.68	33.36	26.40	22.80	24.96	18.82

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

12.2 During 2021-22, Major Ports except SMP Kolkta, New Mnagalore and Chennai 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 7.67 hours followed by dry bulk (Mechanical) (8.58 hours), dry bulk (Conventional) (14.41 hours), break bulk (25.86 hours) and liquid bulk vessels (25.62 hours).

12.3 The trajectory of weighted average of pre berthing detention time at Major ports- total and Major Port on port account during 2014-15 to 2021-22 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 69.84 hours in 2017-18 and further reduced to 53.34 hours in 2021-22. Port-wise average TRT varied in the range between 82.80 hours at SMP Kolkata to 28.04 hours at JNPT during 2021-22. Port-wise average TRT for selected years are given in **Table 11**.

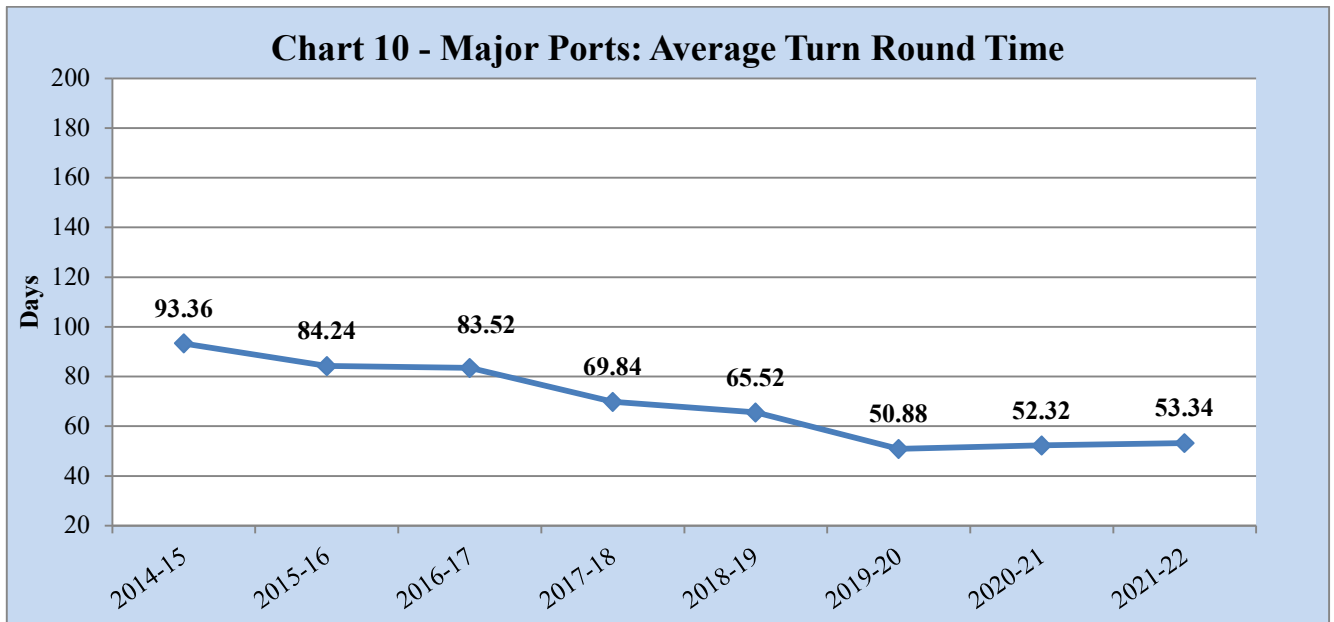
13.2 The data on average TRT for different types of vessels indicate that in 2021-22, the average TRT was least in case of container vessels (34.90 hours) followed by liquid bulk (46.20 hours), dry bulk (Mech.) (52.02 hours), dry bulk (Conv.) (69.25 hours) and break bulk (105.69 hours).

Port	1990-91	2000-01	2010-11	2017-18	2018-19	2019-20	2020-21	2021-22
1	2	3	4	5	6	7	8	9
SMP Kolkata D.S.	285.60	132.00	149.04	90.48	80.48	76.14	51.01	82.80
SMP Haldia D.C	155.28	95.28	106.80	90.00	72.75	66.00	69.79	51.19
Paradip	201.60	99.84	185.52	79.44	60.35	56.09	58.08	53.16
Vishakhapatnam	169.68	89.04	140.16	61.92	60.22	58.27	66.00	73.83
Kamarajar	0.00	0.00	66.72	52.56	47.27	41.49	42.96	46.38
Chennai	172.80	139.92	104.64	53.04	47.41	48.00	51.36	53.19
V.O.Chidambaranar	112.80	98.40	96.00	57.60	42.30	40.08	40.80	48.54
Cochin	96.00	74.64	52.80	44.88	46.67	34.80	35.76	45.87
New Mangalore	119.04	69.36	64.80	48.96	46.21	45.60	47.52	47.99
Mormugoa *	153.60	102.00	250.32	75.60	83.50	55.92	57.84	63.94
J.L.Nehru	0.00	53.04	63.36	53.52	51.13	29.54	28.56	28.04
Mumbai	259.20	124.80	119.04	66.24	64.50	40.80	49.68	57.99
Deendayal	240.00	113.28	141.60	102	112.24	60.99	62.16	59.99
All Ports	194.40	101.76	126.96	69.84	65.52	50.88	52.32	53.34

\* 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 for selected years since 2014-15 to 2021-22 is presented in the **Chart -10** below.



(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 31367 in 2019-20 to 29538 tonnes in 2020-21 and further increase to 32866 tonnes in 2021-22. During 2021-22, 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 12** below:

<b>Table 12 : Average Parcel Size and Turn Round Time</b>						
Type of Vessel	2019-20		2020-21		2021-22	
	Average Parcel Size (Tonnes)	Average TRT (Days)	Average Parcel Size (Tonnes)	Average TRT (Days)	Average Parcel Size (Tonnes)	Average TRT (Days)
	(Cargo/vessels)		(Cargo/vessels)		(Cargo/vessels)	
Dry Bulk (Mech.)	54643	54	55646.67	52.32	58533	52.02
Dry Bulk (Conv.)	38917	76.32	41785.27	79.68	40548	69.25
Liquid Bulk	34573	43.92	24186	43.68	31468	46.2
Break Bulk	10380	72.24	11708	87.84	12321	105.69
Container	25581	33.36	25874	31.2	28696	34.9
All Types	31367	50.88	29538	52.32	32866	53.34

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 19171 tonnes in 2020-21 and further increase to 21002 tonnes in 2021-22 for major ports. Average Output per Ship-berthday 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 9.6% during 2020-21 over 2021-22.

14.2 However, average output per ship-berth day is marked by substantial variation across major ports ranging from a high 33635 tonnes in case of Pradip port authority to a low of 7424 tonnes at SMP Kolkata Dock System during 2021-22. This variation reflects the type of cargo being handled, level of mechanization and labour practices. Port-wise average output per Ship-berth day for selected years and 2014-15 onwards are given in **Table 13**.

**Table 13 : Average Output per Ship-Berth-Day (Tonnes)**

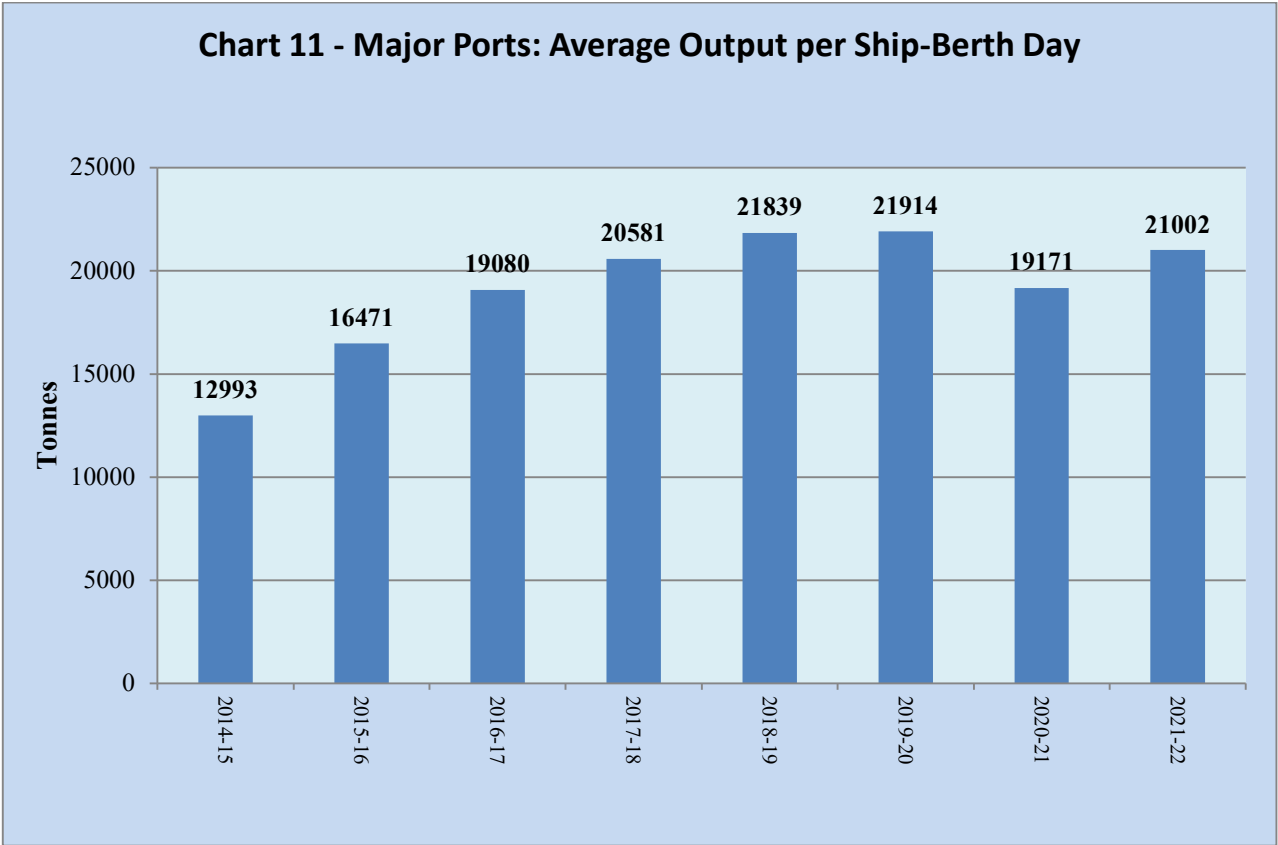
Port	1990-91	2000-01	2010-11	2017-18	2018-19	2019-20	2020-21	2020-22
1	2	3	6	8	9			
SMP Kolkata D.S	560	2305	2253	6962	7765	7174	8210	7424
SMP Haldia D.C	5659	6384	6563	13832	15083	15192	14243	14589
Paradip	4082	8503	14243	33440	36030	32001	30224	33635
Visakhapatnam	5325	9799	10334	17592	18281	20032	17238	16069
Kamarajar	-	-	17699	28456	27678	26581	23945	24292
Chennai	3912	6977	10984	19113	21001	20340	20331	20152
V.O.Chidambaranar	2130	3983	7035	15557	19494	19334	19302	19994
Cochin	3714	6138	11752	28143	30150	31258	30915	31513
New Mangalore	4412	12192	14211	16378	18126	19140	19048	19627
Mormugao*	10429	12438	4409	24948	18685	19944	24305	18872
J.L.Nehru	-	6383	20393	22526	25847	28296	27711	29418
Mumbai	2310	4213	6042	22996	25941	25608	23659	20053
Deendayal	4417	8230	14137	22903	21373	21109	10467	18975
All Ports	3372	6961	9140	20581	21839	21914	19171	21002

\*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 increase by 9.6% in 2021-22. The average output ship berth-day has shown improvement in all vessels except Break Bulk in 2021-22 as compared to 2020-21. 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 2019-20, 2020-21 & 2021-22 of all commodities is presented below in **Table-14**.

<b>Table- 14 Average Output per ship Berth-day by Vessel Type</b>					
<b>Type of Vessel</b>	<b>Average Output per ship Berth-day (Tonnes)</b>				
	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>% Change (2020-21 on 2019-20)</b>	<b>% Change (2021-22 on 2020-21)</b>
Dry Bulk (Mech.)	29594	29330	30300	-0.9	3.3
Dry Bulk (Conv.)	18409	18738	19533	1.8	4.2
Liquid Bulk	26180	19838	25272	-24.2	27.4
Break Bulk	4193	4349	3938	3.7	-9.5
Container	27078	26604	29194	-1.8	9.7
All Types	21914	19171	21002	-12.5	9.6

14.4 The average out-put per Ship Berth-day for selected years since 2014-15 to 2021-22 is presented in the **Chart -11** below.



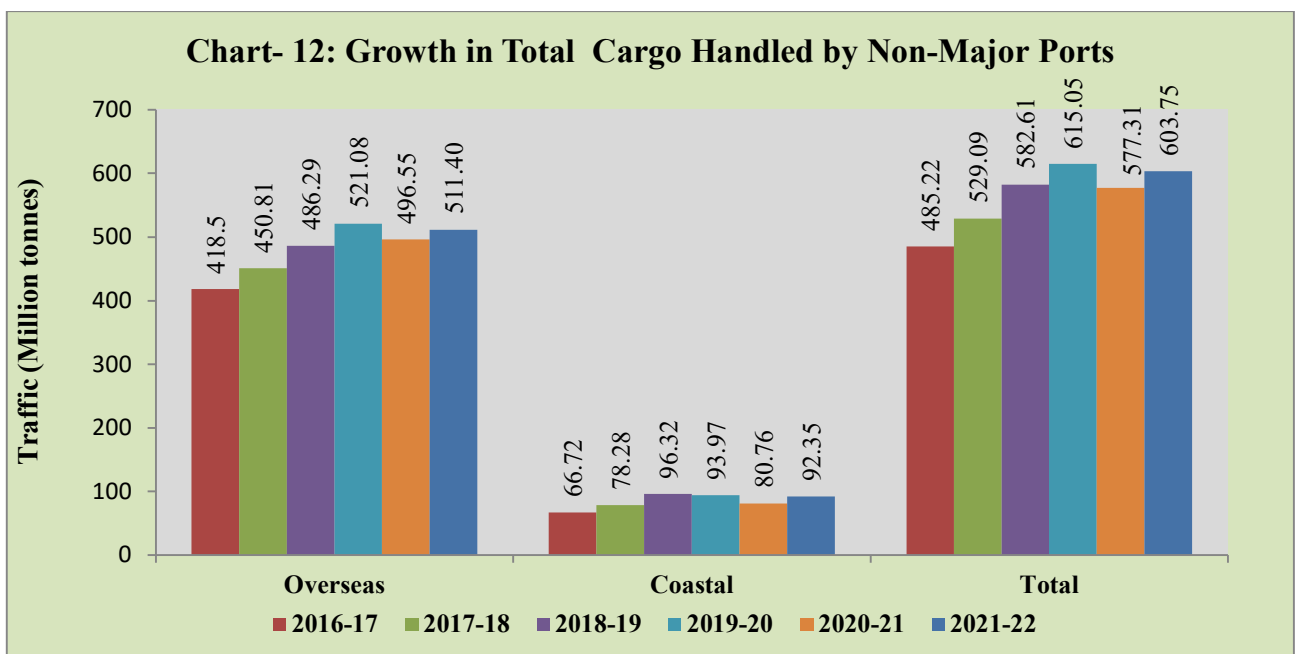
**Output per Ship Berth-day – Total tonnage handled distributed over total number of berth days**

## 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 2021-22, 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 603.75 million tonnes of traffic during the year 2021-22 as compared to 577.30 million tonnes of cargo handled in 2020-21 (Chart-12). The

cargo handled at Indian ports reflects a growth of 4.6% in 2021-22 as compared to decline of 6.1% growth registered in 2020-21. At a disaggregated level, the overseas cargo traffic increased by 3.0% in 2021-22 compared to decline of 4.7% recorded in 2020-21. Coastal cargo traffic increased by 15.6% in 2021-22 as compared to a decline of 14.1 % in 2020-21.

## Commodity Composition of Non-Major Port Traffic

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

<b>Table 15 : Commodity -wise Traffic Handled at Non-major Ports</b>							
(Million Tonnes)							
<b>Year</b>	<b>POL &amp; its Products</b>	<b>Iron Ore</b>	<b>Building Material</b>	<b>Coal*</b>	<b>Fertiliser &amp; FRM</b>	<b>Others</b>	<b>Total</b>
<b>2009-10</b>	137.72	48.81	13.14	41.28	9.5	38.49	288.94
	(40.79)	(36.11)	-(0.90)	(92.36)	(7.34)	(7.01)	(35.51)
<b>2010-11</b>	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)
<b>2011-12</b>	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)
<b>2012-13</b>	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)
<b>2013-14</b>	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)
<b>2014-15</b>	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)
<b>2015-16</b>	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)
<b>2016-17</b>	(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)
<b>2017-18</b>	(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)
<b>2018-19</b>	(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)
<b>2019-20</b>	(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)
<b>2020-21</b>	(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)
<b>2021-22</b>	(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)

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

15.5 Container and Other commodity (37.6%) was the largest commodity handled at non major ports in 2021-22 followed by POL & Products 27.0%, Coal 24.0%), Iron ore (7.0%), Fertilizer & FRM (2.3%) and Building Material (2.1%).

## 16 Maritime States – Non-Major Ports

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

Year	Traffic Handled (Million Tonnes)							
	Gujarat	Maharashtra	AP	Tamil Nadu	Karnataka	Odisha	Others	Total
2009-10	205.58	12.05	43.69	1.17	8.55	0.47	17.43	288.94
	34.53	15.64	47.01	30.00	72.03	56.67	23.62	35.51
2010-11	230.91	14.88	43.27	1.61	3.1	0.47	21.12	315.36
	12.32	23.49	-0.96	37.61	-63.74	0.00	21.17	9.14
2011-12	259.05	19.95	45.63	1.21	0.59	5.08	22.24	353.75
	12.19	34.07	5.45	-24.84	-80.97	980.85	5.30	12.17
2012-13	287.82	24.2	51.81	0.93	0.61	11.07	11.49	387.93
	11.11	21.30	13.54	-23.14	3.39	117.91	-48.34	9.66
2013-14	309.95	24.66	58.69	0.87	0.51	14.37	7.92	416.966
	7.69	1.92	13.28	-6.88	-16.56	29.81	-31.07	7.48
2014-15	336.10	27.30	83.42	0.83	0.65	15.45	7.15	470.88
	8.44	10.67	42.13	-4.73	27.90	7.52	-9.72	12.93
2015-16	339.78	28.85	72.73	0.86	0.84	14.95	7.87	465.87
	1.10	5.69	-12.81	3.76	28.26	-3.24	10.07	-1.06
2016-17	345.74	34.89	69.60	1.15	0.71	22.47	10.65	485.21
	1.75	20.94	-4.31	34.58	-15.21	50.30	35.32	4.15
2017-18	370.77	37.91	86.29	1.10	0.68	22.60	9.74	529.08
	7.24	8.64	23.97	-4.25	-3.95	0.58	-8.54	9.04
2018-19	399.20	45.79	103.33	0.96	1.04	22.19	10.11	582.61
	7.67	20.79	19.76	-12.96	53.53	-1.83	3.77	10.12
2019-20	411.79	43.66	99.91	11.37	0.94	35.27	12.12	615.05
	3.15	-4.64	-3.32	1084.38	-10.44	58.97	19.90	5.57
2020-21	387.57	39.84	89.64	7.41	0.79	43.03	9.03	577.30
	-5.88	-8.74	-10.28	-34.85	-16.04	22.01	-25.51	-6.14
2021-22	405.39	52.47	87.98	7.84	0.79	41.54	7.73	603.75
	4.60	31.70	-1.84	5.85	0.25	-3.46	-14.42	4.58

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 31.7% in the year 2021-22. The share of traffic handled by non-major ports in the maritime states is given in **Table 17** below:

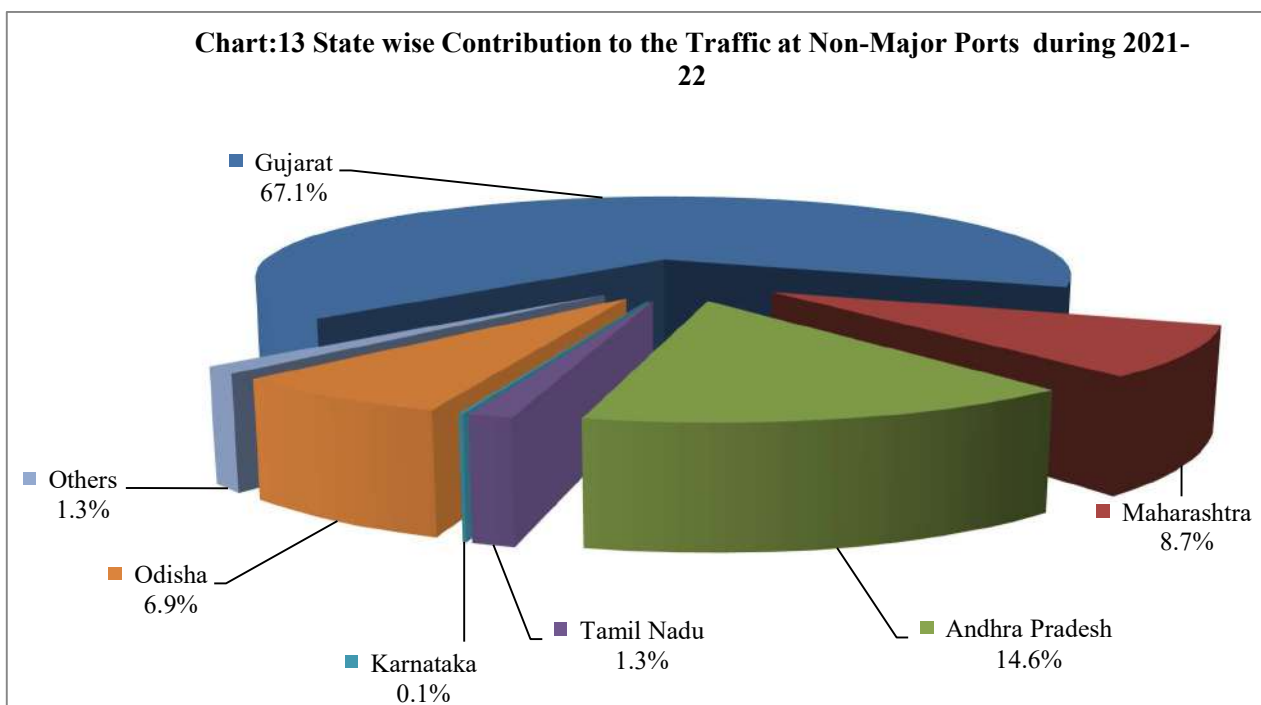
<b>Table 17 : Share of Traffic Handled by Non-Major Ports to total traffic at non major ports – Maritime State-wise</b>									
Year	Traffic Handled ( In Percentage)								
	Gujarat	Maharashtra	AP	Goa	Tamil Nadu	Karnataka	Odisha	Others	Total
2009-10	71.2	4.2	15.1	4.8	0.4	2.9	0.2	1.4	100
2010-11	73.2	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

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 67.1% of the total non-major port cargo traffic in 2021-22. The other major contributing States to the cargo traffic at non-major ports during 2021-22 were: Andhra Pradesh (14.6%), Maharashtra (8.7%) and Odisha (6.9%). The contributions of Tamil Nadu & Karnataka (1.3%) and (0.1%) respectively. The remaining 1.3% of the cargo was handled by all the other Maritime States/UTs. This is brought out in the **Chart 13** below:

## 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 2021-22 was of the order of 405.39 million tonnes as against 387.57 million tonnes in 2020-21, reflecting a

increase of 4.6% in 2021-22 as compared to decline of 5.9% in 2020-21. Non-major ports of Gujarat account for around 67.1% of the total cargo handled by non-major ports in India during 2021-22. Overseas traffic in 2021-22 was 359.88 million tonnes with the remaining 45.51 million tonnes being coastal traffic. The traffic handled at important non-major ports of Gujarat during the past few years is brought out in the **Table -18** below:

<b>Table 18 : Gujarat : Traffic Achieved at Select Non-Major Ports</b>										
<b>Year</b>	<b>Traffic Handled (Million Tonnes)</b>									
	<b>Sikka</b>	<b>Magdalla</b>	<b>Jafara- bad</b>	<b>Bedi</b>	<b>Mul- Dwarka</b>	<b>GAPL</b>	<b>Dahej</b>	<b>Pipavav (Inc. GPPL)</b>	<b>Others</b>	<b>Total</b>
2009-10	107.19	16.29	5.45	2.04	3.17	39.6	12.53	6.85	12.46	205.58
2010-11	115.41	18.52	4.46	2.12	3.85	51.91	14.31	7.82	12.51	230.91
2011-12	118.04	20.38	4.12	2.72	3.82	64.79	17.62	9.27	18.29	259.05
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

17.1.4 GAPL port handled the highest cargo tonnage of 144.21 million tonnes (35.6%) of the total cargo handled by non-major ports in Gujarat in 2021-22. Main commodities handled by GAPL port is Container cargo that contributes to 61.8 % of the traffic handled at the port.

17.1.5 Sikka Port handled the cargo tonnage of 127.98 million tonnes in 2021-22 as compared to 121.42 million tonnes handled in 2020-21. This port accounted for 31.6% of the total cargo handled by the non-major ports in Gujarat in 2021-22, 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 Magdalla Port handled 32.47 million tonnes of cargo in 2021-22 with a share of 8.0% in total traffic. Major commodities handled by the port is 'POL & its products'

17.1.7 Dahej port accounted for 31.68 million tonnes (7.8%) of the cargo traffic in 2021-22. Major commodities handled by the port are coal & Iron Ore.

17.1.8 The important ports which showed increase in the cargo handled during 2021-22 were and Sikka, Magdalla, , Mul-Dwarka, GAPL, Dahej and Pipavav, Jafarabad and Bedi recorded decline for 2021-22 compared to 2020-21 . 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 2021-22 (Table 19).

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

17.1.9 POL & products and Other Commodities accounted for 39.6% of the total cargo handled in 2021-22. This was followed by Coal (13.0%), Iron Ore (3.9%), Building Material (2.0%) 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 2021-22 was 14.6%.

17.2.2 Non-major ports in Andhra Pradesh collectively handled 87.98 million tonnes of cargo during 2021-22 as compared with 89.64 million tonnes in 2020-21, registering a decline of 1.8% in traffic. The overseas traffic during 2021-22 was 75.15 million tonnes (85.4%) of the total cargo traffic in nonmajor ports of Andhra Pradesh and coastal traffic was of the order of 12.84 million tonnes (14.6%) of total cargo traffic.

**Table 20** below gives the port wise details of the cargo handled at non-major ports in Andhra Pradesh from 2009-10 onwards and up to 2021-22.

<b>Table 20 : Traffic Achieved at Select Non-Major Ports – Andhra Pradesh</b>						
<b>Year</b>	<b>Traffic Handled (Million Tonnes) – Port Wise</b>					
	<b>Rawa</b>	<b>Kakinada Anchorage</b>	<b>Kakinada Deep Water Port</b>	<b>Ganga-varam</b>	<b>Krishna-patnam</b>	<b>Total</b>
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

17.2.3 krishna pattanam handled the highest cargo 14.12 million tonnes (45.6%) followed by Gangavaram (34.1%), Kakinada deep water (16%), Kakinada Anchorage (3.3%) and Rawa port (1.0%). Commodity-wise analysis of the total cargo handled by the non-major ports in Andhra Pradesh indicates that Coal (52.1%), Other Cargo (34.4%), Fertiliser & FRM (5.5%) Iron ore (5.0%) , POL & Product (1.6%) and Building material (1.4%) were the principal items of cargo handled during 2021-22 by the Non-Major Ports of Andhra Pradesh (**Table 21**).

17.2.4 As seen from **Table 21** below, traffic in the Coal has shown an decreasing trend till from 2018-19 it 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 2021-22 was 45.86 million tonnes as compared to 46.54 million tonnes during 2020-21 The Iron ore handled at non-major ports of Andhra Pradesh decreased to 4.43 million tonnes in 2021-22 from 7.66 million tonnes in 2020-21.

<b>Table 21 : Commodity-wise Traffic Handled at Andhra Pradesh Non-Major Ports</b>							
<b>( In Million tonnes)</b>							
<b>Year</b>	<b>POL &amp; Products</b>	<b>Iron ore</b>	<b>Building Material</b>	<b>Fertilizer &amp; FRM</b>	<b>Coal</b>	<b>Others</b>	<b>Total</b>
2009-10	3.67	15.26	0.71	4.17	15.24	4.636	43.68
2010-11	2.79	8.96	0.48	5.8	19.62	5.623	43.28
2011-12	3.51	2.97	0.86	7.04	23.51	7.745	45.63
2012-13	1.76	0.98	1.11	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	2.49	5.36	35.96	14.97	70.72
2015-16	1.43	1.62	1.98	5.95	46.20	15.28	72.46
2016-17	2.71	2.98	1.66	4.87	39.52	17.861	69.60
2017-18	1.45	5.95	1.73	5.11	45.26	26.79	86.29
2018-19	1.40	8.13	2.39	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

### 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 2021-22.

17.3.2 The total cargo traffic handled at the non-major ports of Maharashtra during 2021-22 in 52.47 million tonnes as compared to 39.84 million tonnes in 2020-21. This shows increase of 31.7%. Out of 52.47 million tonnes of total cargo handled by Non-Major ports in Maharashtra.

17.3.3 Overseas traffic was increased by 21.0% to 25.44 million tonnes in 2021-22 from 21.02 million tonnes in 2020-21. Coastal traffic also increase in 68.9% to 27.03 million tonnes in 2021-22 from 18.82 million tonnes in 2020-21. The port-wise traffic at non-major ports of Maharashtra is brought out in **Table 22** below. Dharamtar is the leading non-major port of Maharashtra with traffic of 20.18 million tonnes accounting for 38.5% of total traffic at non-major ports handled in the State.

<b>Table 22 : Traffic Achieved at Select Non-Major Ports – Maharashtra</b>						
<b>Year</b>	<b>Traffic Handled (Million Tonnes)</b>					
	<b>Dharamtar</b>	<b>Revdanda</b>	<b>Ulwa-Belapur</b>	<b>Ratnagiri</b>	<b>Others</b>	<b>Total</b>
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

17.3.4 Commodity-wise break-up of the cargo handled by the non-major ports of Maharashtra indicates that Coal traffic of 22.76 million tonnes constituted (43.4%) of the total cargo handled in 2021-22 followed by Iron ore (29.1%), Other commodities (22.3%), Building Material (5.0%) and POL & Products (0.3%) as shown in the **Table 23**. As seen from the table, all commodities except POL & Products have shown increase in traffic in 2021-22 as compared to 2020-21.

Table 23 : Commodity-wise Traffic Achieved at Non-Major Ports – Maharashtra						
Year	Traffic Handled (Million Tonnes)					
	Iron Ore	Building Material	POL & Products	Coal	Others	Total
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

## 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 0.03 million tonnes during 2021-22 as compared with 0.04 million tonnes handled in the previous year. The commodity composition of traffic is brought out in **Table 24**.

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 2021-22.

<b>Table 24 : Commodity-wise Traffic Handled at Non-Major Ports – GOA</b>					
<b>Year</b>	<b>Traffic Handled (Million Tonnes)</b>				
	<b>Iron Ore</b>	<b>Coal</b>	<b>Iron &amp; Steel</b>	<b>Others</b>	<b>Total</b>
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

## **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 2020-21. Non-major ports in the State handled 0.79 million tonnes of cargo traffic during 2021-22 as compared to 0.79 million tonnes in 2020-21 reflecting same cargo handled over the previous year. The port-wise cargo traffic handled in Karnataka is given in **Table 25**.

<b>Table 25 : Traffic Achieved at Select Non-Major Ports – Karnataka</b>						
<b>Year</b>	<b>Traffic Handled (Million Tonnes)</b>					
	<b>Karwar</b>	<b>Old Mangalore</b>	<b>Malpe</b>	<b>Belekri</b>	<b>Others</b>	<b>Total</b>
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

17.4.2 The contribution of the Karwar Port was 0.73 million tonnes cargo which constitutes 92.9% of total cargo handled by non-major ports in Karnataka in 2021-22.

17.4.3 Commodity-wise breakup of the cargo traffic handled by the non-major ports of Karnataka is given in **Table 26**.

<b>Table 26 : Commodity-wise Traffic Handled at Non-Major Ports – Karnataka</b>							
<b>Year</b>	<b>Traffic Handled (Million Tonnes)</b>						<b>Total</b>
	<b>POL &amp; Products</b>	<b>Granite</b>	<b>Fertiliser &amp; FRM</b>	<b>Salt</b>	<b>Iron Ore</b>	<b>Others</b>	
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

## 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 2021-22 the non-major ports in Tamil Nadu collectively handled 7.84 million tonnes of cargo traffic as compared to 7.41 million tonnes in the previous year. The port-wise traffic is brought out in the **Table 27** below.

<b>Table 27: Traffic Achieved at Select Non-Major Ports-Tamil Nadu</b>							
<b>Year</b>	<b>Traffic Handled (Million Tonnes)</b>						
	<b>Ennore</b>	<b>PY-3</b>	<b>Nagapatinam</b>	<b>Tirukkadaiyur</b>	<b>Cuddalore</b>	<b>Kattupalli</b>	<b>Total</b>
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

17.5.2 Kattupalli port handled the maximum traffic of 7.44 million tonnes during 2021-22 accounting for 94.9% followed by Cuddalore port (0.30 million tonnes) accounting for 3.9% and Other Ports (0.9 million tonnes) accounted for 1.2% 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 (96.1%) followed by POL & Products (0.31 million tonnes) with a share of (4.0%) of the traffic as shown in the **Table 28**.

<b>Table 28 : Commodity-wise Traffic Handled at Non-Major Ports-Tamil Nadu</b>					
<b>Year</b>	<b>Traffic Handled (Million Tonnes)</b>				
	<b>POL &amp; Products</b>	<b>Fertiliser &amp; FRM</b>	<b>Edible Oil</b>	<b>Others</b>	<b>Total</b>
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

## 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.

<b>Table 29: Traffic Achieved at Select Non-Major Ports-Odisha</b>			
<b>Year</b>	<b>Traffic Handled (Million Tonnes)</b>		
	<b>Dhamra *</b>	<b>Gopalpur</b>	<b>Total</b>
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

\*Dhamra Port started in operations in May, 2011.

0.00

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 2021-22 the non-major ports in Odisha collectively handled 41.54 million tonnes of cargo traffic as compared to 43.03 million tonnes in the previous year showing an decrease of 3.5%. The port-wise traffic is brought out in the **Table 29**.

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 (19.57 million tonnes) with a share of (47.1%) followed by Other commodity (35.2) Iron ore (16.6%) and Fertiliser and FRM Dry (1.1%) as shown in the **Table 30**.

<b>Table 30 : Commodity-wise Traffic Handled at Non-Major Ports-Odisha</b>					
<b>Year</b>	<b>Traffic Handled (Million Tonnes)</b>				
	<b>Fertiliser &amp; FRM Dry</b>	<b>Iron Ore</b>	<b>Coal</b>	<b>Others</b>	<b>Total</b>
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

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## **SECTION – II**

### ***1. VITAL PORT STATISTICS***

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

(As on 31.3.2022)

State / U.T.	Number of Major Ports	Number of Non-Major Ports(a)	Total Number of Ports
1	2	3	4
<b><u>WEST COAST</u></b>			
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
<b><u>EAST COAST</u></b>			
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
<b>TOTAL</b>	<b>12</b>	<b>217</b>	<b>229</b>

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

For details see Table 1.2.

Source : M/o Ports, Shipping &amp; Waterways

Table 1.2

## List of Non-Major Ports

(As on 31.03.2022)

S.No.	PORTS	S.No.	PORTS	S.No.	PORTS	S.No.	PORTS
<b>GUJARAT</b>							
1	Alang*	64	Karanja*	124	Manki	183	Gopalpur*
2	Bedi*	65	Kelshi*	125	Old Mangalore*	184	Bahabaipur
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	Keni @	188	Astaranga
7	Bhogat	70	Mandad	<b>LAKSHADWEEP</b>			
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	<b>KERALA</b>	
17	Kolak	80	Rajpuri / Dighi*	139	Minicoy	197	Vizhinjam*
18	Kotda	81	Ratnagiri*	<b>ANDAMAN &amp; NICOBAR</b>			
19	Koteshwar	82	Redi*	140	Campbell Bay*	198	Valiyathura(Thiruvananthapuram)
20	Madhvad	83	Revdanda*	141	Chowra	199	Kollam(Thankaserry)
21	Magdalla*	84	Rewas (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	Beyypore*
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	<b>ANDHRA PRADESH</b>				213	Manjeswaram
35	Pipavav (GPPL)*	97	Bhavanpadu	155	Nancowry Harbour(Camotra)*	<b>PUDUCHERRY</b>	
36	Porbandar*	98	Calingapatnam	156	Shaheed Dweep (Neil Island)*	214	Pondicherry
37	Pipanaav(Victor)	99	Gangavaram	157	Pillomillow	215	Karaikal*
38	Rajpara	100	Bheemunipatnam	158	Port Blair*	216	Chemplast Sanmar (Karaikal)*
39	Rupen	101	Nakkapalli	159	Rangat(Elephinston Horbour)*	<b>WEST BENGAL</b>	
40	Sachana	102	Kakinada Anchorage Port *	160	South Bay	217	Tajpur ##
41	Salaya*	102	Kakinada Deepwater Port	161	Teressa		
42	Sikka*	103	Ravva Port*	162	Tillanchong		
43	Talaja	104	Narasapur	163	Tillanchong (Castle Bay)		
44	Umargam	105	Krishnapatnam Port*	<b>TAMIL NADU</b>			
45	Umarsadi	106	Machilipatnam	164	Colachel		
46	Valsad	107	Vodaravu	165	Cuddalore*		
47	Vansi-Borsi	108	Nizampatnam	166	Ennore Minor Port*		
48	Veraval	109	Ramayyapatnam	167	Kanyakumari		
<b>MAHARASHTRA</b>							
49	Arnala (Datiware)	110	K-SEZ Port(Kakinada SEZ Port) @ *	168	Kattupalli*		
50	Achara	111	Meghavaram @	169	Koodankulam*		
51	Bandra	<b>GOA</b>				170	Thirukkadaiyur*
52	Bankot*	112	Betul	171	Nagapattinam*		
53	Bhiwandi*	113	Chapora	172	Pamban		
54	Borya	114	Panaji*	173	Thiruchopuram		
55	Borii Mandala	115	Talpona	174	PY-3 Oil field		
56	Dahanu*	116	Tiracol	175	Rameswaram		
57	Dabhol*	<b>KARNATAKA</b>				176	Panaipur @
58	Deogad	117	Belekeri	177	Silambinglam @		
59	Dharamtar (Alibag)*	118	Bhatkal	178	Parangipettai @		
60	Harnai	119	Hangarkatta	179	Thirukkuvilai @		
61	Jaigad*	120	Honnar	180	Udangudi @		
62	Jaitapur	121	Karwar*	<b>DAMAN &amp; DIU</b>			
63	Kalyan	122	Kundapur	181	Daman		
		123	Malpe	182	Diu		

Source : State Maritime Boards/ States/ Uts

Note : (@) Newly added ports as per information received from Andhra Pradesh Maritime Board dated 07.06.2022, Ports &amp; 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 &amp; Punnakkayal ports are denotified ports.

\* 66 corgo handling ports

Table 1.3

## Topography of Major Ports

(As on 31.3.2022)

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
<b>DEENDAYAL</b>	23° 01' N	70° 13' E	25.0	7.0	180-200	^^	^^	Tidal Creek Port
<b>Vadinar</b> (OOT)	2.45N	69.14 E	8.0	23.5	1500	^^	^^	Single Buoy Mooring/ POL Product jetty (Off -Shore Oil terminal)
<b>Mumbai</b>								
	18d55'04.7942"	72d51'57.4525"	2.85	8.2	429	-	-	ID approach
	18d55'58.5582"	72d50'38.0486"						
	18d55'46.0342"	72d51'09.0416"	1.9	8	251.2	1	600	OCT
	18d56'46.3455"	72d51'23.7068"						
	18d57'12.4045"	72d51'23.3636"	0.99	4	153	-	-	P & V
	18d57'17.3731"	72d50'49.9751"						
	18d56'38.8603"	72d54'31.9493"	2.5	10.5	300	1	660	JD
	18d57'53.9324"	72d54'58.1688"						
	18d57'53.9324"	72d54'58.1688"	2.1	9	200	1	450	NPP
	18d58'50.8796"	72d55'24.2563"						
	18d59'09.5211"	72d55'43.8517"	3.5	4.5	122	1	370	OPP
<b>J.L.Nehru</b>	18° 56' 43"N *	72° 56' 24" E	19.2#	14.4-15.6	450	1	600	All Weather Tidal Port
<b>Mormugao</b>	15° 25 46' N	73° 47 11' E	5.2	14.4	250	2	480	Protected Open Natural Harbour
<b>New Mangalore</b>	12° 56' N	74° 48' E	7.5	15.4 MCD	245	1	570	Artificial Lagoon port with open berths
<b>Cochin</b>	9° 58' N	76-15.5 E	16.0	15.95	260	2	500 - 670	Riverine
<b>V.O. Chidambaranar</b>	8° 45' N	78° 13' E	3.8	(-)14.70	230	1	488	Artificial Harbour
<b>Chennai</b>	13° 06' N	80° 18' E	7.00	IH 18.6 OH 19.2	244^	1	560	Artificial Harbour with Wet Docks.
<b>Kamarajar</b>	13° 15'5.9"N	80° 19'36.59" E	5.2	18.5	270-300	2	TC 700 TC 600	Major Port
<b>Visakhapatnam</b>	17° 41' N	83° 17' E						
Inner Harbour@			1.62	-16.1	111	2	440	Natural Harbour
Outer Harbour@			2.46	-22.0	250	1	610	Artificial Harbour
<b>Paradip</b>	20° 15'-58".63"N	86° 40'-27".34"E	2.2	-17.1	240	1	520	Wet Dock
<b>SMP Kolkata Dock System</b>	22° 33' N	88° 18' E	232	2.5\$	45	2	KPD-190 NSD-228	Riverine with impounded Docks & River side Jetties.
<b>Haldia Dock SMP Complex</b>	22° 02'N	88° 06' E	110	39	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)

^ Gradually increases from 244 m to 410m at the bent portion then maintain a constant width of 305m.

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

Source:- Indian Port Association.

**Table 1.4 Berths Available at Major Ports**

(As on 31-03-2022)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2020-21	2021-22
1	2	3	4	6	6
<b>DEEN DAYAL PORT</b>					
<b>I) Cargo Jetty</b>					
CJ-I - Multipurpose	10.5	182.87	45,000	94	96
CJ-II - Multipurpose	10.5	182.87	45,000	93	95
CJ-III - Multipurpose	10.5	182.87	45,000	96	93
CJ-IV - Multipurpose	10.5	182.87	45,000	91	95
CJ-V - Multipurpose	10.5	205.73	45,000	90	91
CJ-VI - Multipurpose	12.0	205.73	75,000	98	90
CJ-VII - Multipurpose	12.0	238.64	75,000	82	96
CJ-VIII - Multipurpose	12.0	213.04	75,000	50	100
CJ-IX - Multipurpose	12.0	182.87	55,000	88	79
CJ-X - Multipurpose	12.0	205.72	55,000	93	98
CJ-XI - Multipurpose & Container	14.0	281.00	65,000	85	81
CJ-XII - Multipurpose & Container	14.5	264.00	65,000	93	87
CJ- XIII- Multipurpose & Container	13.5	300.00	75,000	96	88
CJ-XIV	14.5	195.00	75,000	93	87
CJ-XV	14.5	2016.00	75,000	95	81
CJ-XVI	14.5	215.00	75,000	90	76
CJ-XVI (A)	14.5	216.00	75,000		
Tuna Takera I	15.0	600.00	...	60	
Tuna Takera II				2	50
Tuna Takera III				66	
Tuna Takera IV				3	
<b>II) IFFCO BARGE JETTY</b>	...	...	...	22	24
<b>III) Oil Jetty</b>					
OJ-I - POL Products,Veg.Oil & other Liquids	10.5	213.4	40,000	95	97
OJ-II - POL Products, Veg.Oil & other Liquids	10.6	183.0	52,000	98	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	96
OJ-V - Phos. Acid & Ammonia	9.5	216.0	45,000	71	78
OJ-VI - POL Products	10.1	216.0	45,000	65	84
OJ-VII - POL Products	12.5	220.0	65,000		
<b>IV) At Vadinar</b>					
SBM-I - POL Crude	30.0	...	3,00,000	52	54
SBM-II - POL Crude	30.0	...	3,00,000	51	53
SBM-III - POL Crude	30.0	...	3,00,000	70	79
Essar C. Jetty -I	14.0	...	1,00,000	78	79
Essar C. Jetty -II	14.0	...	1,00,000	71	85
<b>V) Adani Kandla Bulk Terminal PVT. LTD. (PPP)</b>					
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			
<b>MUMBAI</b>					
<b>Indira Docks</b>					
1. Indira Dock Multi-Purpose berth	8.84 to 9.14	180	...	35	48
2. Indira Dock Multi-Purpose berth	8.84 to 9.14	158	...	25	31
3. Indira Dock Multi-Purpose berth	8.84 to 9.14	158	...	16	14
4/5. Indira Dock Multi-Purpose berth	8.84 to 9.14	158	...	10	10
9. Indira Dock Multi-Purpose berth	8.84 to 9.14	152	...	65	3
J/E Indira Dock Multi-Purpose berth	8.84 to 9.14	130	...	25	42
10. Indira Dock Multipurpose	8.84 to 9.14	152	...	22	24
11. Indira Dock Multipurpose	8.84 to 9.14	152	...	22	12
12. Indira Dock Multipurpose	8.84 to 9.14	152	...	6	22
12 A. Indira Dock Multipurpose	8.84 to 9.14	180	...	6	27
12 B. Indira Dock Multipurpose	8.84 to 9.14	180	...	3	0
13 Indira Dock Multipurpose	8.84 to 9.14	158	...	10	38
13 A. Indira Dock Multipurpose	8.84 to 9.14	180	...	6	76

Table 1.4 Contd...

**Berths Available at Major Ports**

(As on 31-03-2022)

Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage	
				Occupancy during	
				2020-21	2021-22
1	2	3	4	6	6
13 B. Indira Dock Cargo and Bulk Cargo	8.84 to 9.14	180	...	1	6
14. Indira Dock Multipurpose	8.84 to 9.14	158	...	5	11
15. Indira Dock Multipurpose	8.84 to 9.14	158	...	7	24
16. Indira Dock Multipurpose	8.84 to 9.14	158	...	33	49
18. Indira Dock Multipurpose	7.0 CD	183	...	21	46
19/20. Indira Dock Multipurpose	7.0 CD	168	...	29	60
21. Indira Dock Multipurpose	7.0 CD	168	...	36	71
22/23. Indira Dock Multipurpose	7.0 CD	168	...	0	0
<b>Ballard Station</b>					
Ballard Pier station - Container	10.0 CD	244	...	51	58
Ballard Pier Extn.	10.0 CD	232	...	46	73
<b>Victoria Dock *</b>					
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	...	*	*
<b>Prince's Dock *</b>					
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	...	8	20
OCT 1 Multipurpose Berth	9.4	350	...	21	27
<b>Jawahar Dweep</b>					
1. JD - POL	11.58	244	70,000	61	61
2 JD - POL	10.97	244	48,000	28	23
3. JD - POL	11.58	244	70,000	58	58
4 JD - POL	14.30	493	1,25,000	59	43
5 JD - POL	17.00	470	Stated operations from January 2021		61
PIR PAU - POL/Chem	7.50	174	35,000	0	0
NEW PIR PAU - POL/Chem	12.00	197	47,000	72	81
* New PIR Pau 2	13.00	230	-	74	76

Note: 4 berths viz. 5,6,7 &amp; 8 handed over to Coching Shipyard Ltd.

Berth No. 22 ID handed over to Coast Guard

Berth no. 17 Indira Dock berth is not used for cargo operations due to its proximity to entrance lock gate.

Table 1.4 Contd...

## Berths Available at Major Ports

(As on 31-03-2022)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during		
				2020-21	2021-22	
1	2	3	4	6	6	
<b>J.L.NEHRU</b>						
CB-01 - Container JNPCT	}	15	680	150,000	68	79
CB-02 - Container JNPCT		15	600	150,000	42	32
CB-04 - Container NSICT		15	712	150,000	49	73
CB-05 - Container GTIPL		15	330	150,000	66	82
CB-06 - Container NSICT		15	1000	150,000	73	80
APMT-01-Container BMCT	}				72	75
APMT-02-ContainerBMCT						
<b>Liquid Cargo Berth(BPCL)</b>						
Piled Jetty-Seaward-LB-01		15	300#	100,000	92	91
Inner face-LB-02		10.5	280##	50,000	77	83
SB-01 Shallow Draught Berth	}	8.0	} 445	30,000	3	2
SB-02 Shallow Draught Berth		10.7			41	45
SB-03 Shallow Draught Berth		10.7			55	59
CCB-01 Coastal cargo berth		7.7	250	-	53	2
BM -1		-	-	-	42	45
BM -2		-	-	-	4	16
BM -3		-	-	-	35	43
<b>MORMUGAO</b>						
5 General Cargo(a)	}	14.0	300	50000	38	50
6. Coal, Coke		13.0	50	70000	77	70
7. Coal, Coke		14.0	300		59	57
8. Liquid Bulk		13.0	50	125000	19	23
9.General Cargo except Coal		14.0	222	275000	45	51
10. General Cargo	}	12.5	250	55000	45	51
11. General Cargo		12.5	270	65,000	63	69
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		13.0	240.0			
<b>Mooring Dolphins</b>						
No.1 Mix Cargo (except Coal)		14.1	340	70,000	-	-
No2. Iron ore /Coal		14.1	340	70,000	-	-
No.3 Iron ore		14.1	340	70,000	-	-
No.4 Mooring Dolphins		14.1	340	70,000	-	-
No.5 Mooring Dolphins		14.1	340	70,000	-	-
No.6 Mooring Dolphins		14.1	360	70,000	-	-
<b>NEW MANGALORE</b>						
Berth No. 1 General Cargo		7.0	125	4000	1	9
Berth No. 2 General Cargo		10.5	198	30000	40	34
Berth No. 3 General Cargo		10.3	198	30000	56	42
Berth No. 4 General Cargo/Liq. Amonia/Phos. Acid		9.5	198	30000	18	16
Berth No. 5 General Cargo/Bulk Cement/Edible Oil		9.5	198	30000	45	39
Berth No. 6 Coal/Bulk Cargo		9.5	198	30000	27	27
Berth No. 7 Coal/Bulk Cargo		9.5	198	30000	19	33
Berth No.8 Coal/ Iron Ore (KIOCL)		12.5	300	60000	33	38
Berth No.9 LPG		10.5	330	45000	37	39
Birh No.10 Cruid/ POL Product		14.0	320	85000	34	47
Birh No.11 Cruid/ POL Product		14.0	320	85000	33	46
Birh No.12 POL Product/LPG/Chemical		12.5	320	50000	80	85
Birh No.13 POL Product		14.0	350	85000	84	74
Berth No. 14 Coal/Bulk cargo		14.0	350	90000	72	66
Berth No.15 Coal (UPCL)		14.0	350	90000	9	7
Berth No.16 Coal/Bulk Cargo		14.0	325	90000	24	35
Single Point Mooring (SPM)		21.0	-	300000	38	39

JNPCT, # Liquid Cargo Berth ( Seaward side) has been extended by 25 Mtr. Towards both ends i.e.north &amp; south end (Toal 50 Mtrs.) by constructing Mooring Dolphins.

## Liquid Cargo Berth (inner face) has been extended by 25 Mtrs. Towards south side by constructing Mooring Dolphins.

Mormugao: Length between extween mooring Dolphin

NMPT: Berth No. 16 - Operational from November 2019. SPM- Monsoon Period- June 2019 to August 2019

Table 1.4 Contd...

**Berths Available at Major Ports**

(As on 31-03-2022)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during		
				2020-21	2021-22	
1	2	3	4	6	6	
<b>COCHIN</b>						
Q1 - General Cargo	9.1	188	16000	36	22	
Q2 - General Cargo	9.1	228	16000	0	3	
Q3 - General Cargo	9.1		16000	0	0	
Q4 - General Cargo/Liquid Bulk		10	251	30000	39	38
Q5 - General Cargo/Finished Fertiliser/CBFS	10.0	503	20000	55	55	
Q6 - General Cargo/Container/CBFS	10.0		20000	36	39	
Q7 - General Cargo	10.5	414	20000	30	31	
Q8 - General Cargo	11.0		60000	37	23	
Q9 - General Cargo	11.0	60000	31	27		
Q10 - Fert. Raw Materials/Phos.Acid	11.5	278	60000	44	50	
BTP - Passenger & Cargo/Liquid Bulk	10.0	270	35000	45	57	
NCB - General Cargo/Liquid Amonia	9.1	209	35000	41	29	
SCB - General Cargo/Liquid Amonia	9.1	192	15000	1	0	
COT - POL /Crude	12.5	430	115000	53	60	
NTB - POL Products	9.1	298	30000	41	44	
STB - POL Products	9.1	266	20000	4	0	
SPM - Crude Oil	22.5	NA	300000	38	46	
V2 Container	14.5	600	100000	68	67	
V3 Container	14.5		100000	68	64	
LNG	12.5	376.5	100000	5	5	
UTL	5.3	300	-	100	100	
<b>V.O.CHIDAMBARANAR</b>						
<b>Alongside Berths</b>						
Berth No.1 - General Cargo	9.3	210	45269	33	59	
Berth No.2 - General Cargo	9.3	210	57809	36	45	
Berth No.3- Bulk Cargo	11.5	210	58642	58	62	
Berth No.4 - Bulk & Ph.Acid	11.5	210	70101	55	58	
Berth No.5 - Passenger & GC	8.6	183	57196	53	59	
Berth No. 6 - General Cargo	9.3	200	56842	49	51	
Berth No.7- Genral Cargo	11.7	370	28966	46	35	
<b>Container Terminal</b>						
Berth No.8 - Container	14.2	345	60429	61	65	
Berth No.9 - Container	14.2	335	82962	45	59	
<b>Shallow Drought Berth</b>						
Berth No.1 - General Cargo SBW I	5.9	140	5400	-	-	
<b>Oil Jetty</b>						
NCB I	14	306	57305	46	52	
NCB II	14	306	-	-	-	
Oil Jetty- POL, Ammonia	13	150	73711	-	22	
<b>Coal Jetties</b>						
Coal Jetty No.1 -Thermal Coal*	13	301	57196	5	9	
Coal Jetty No.2- Thermal Coal	14	318	73879	61	66	
EARM General Cargo	7.4	140	6298	-	-	
Zone- B Jetty	-	-	-	-	-	
Coastal Birth CBW	9	185	-	44	44	
<b>CHENNAI</b>						
<b>Dr. Ambedkar Dock</b>						
1. 19A North Quay - Passenger/ G.C./LB	8.5	198	...	42	39	
2. 18A West Quay I - G.C./Other Liquid Cargo	11.0	170.6	...	39	40	
3. 17A West Quay II - General Cargo/RO-RO/LB	12.0	170.6	...	26	21	
4. 16A Centre Quay - General Cargo/Food Grains	12.0	170.6	...	20	30	
5. 15A West Quay III - General Cargo/Food Grains	12.0	170.6	...	36	50	

Note: \* denotes Coal jetty I berth operated on 12.08.2019

Table 1.4 Contd...

## Berths Available at Major Ports

(As on 31-03-2022)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2020-21	2021-22
1	2	3	4	5	6
6. 14A West Quay 4 - Fert./General Cargo/Passenger	11.0	170.6	...	39	37
7. 13A South Quay 1 - Fert./General Cargo/Dry Bulk	9.5	246.0	...	63	75
8. 6A South Quay 2 - Fert./General Cargo/Dry Bulk/LB	9.5	179.0	...	47	64
<b>Jawahar Docks</b>					
9. 12J - Dry Bulk/General	11.5	218.3	...	32	43
10. 11 J - Dry Bulk/General	12.0	218.3	...	50	43
11. 10J - Dry Bulk/General	12.0	218.3	...	31	42
12. 7J - Dry Bulk/Liquid/General	13.5	218.3	...	43	43
13. 8J - Dry Bulk/Liquid/General	13.5	218.3	...	32	62
14. 9J - Dry Bulk/Liquid/General	11.0	218.3	...	32	46
<b>Bharathi Docks</b>					
15. 26B - POL	14.6	355.7	...	51	56
16. 24B - POL/Other Liquid	16.5	382.0	...	41	54
17. 24B - POL	16.5	325.1	...	50	58
<b>Container Terminal</b>					
18. 20B - Containers	13.4	200.0	...	34	39
19. 21B - Containers	13.4	200.0	...	39	38
20. 22B - Containers	13.4	200.0	...	35	45
21. 23B - Containers	15.0	285.0	...	37	45
<b>International Terminal</b>					
22. SCB-I - Containers 5A	15.0	275.0	....	19	16
23. SCB-II - Containers 4A	15.0	270.0	....	50	47
24. SCB-III-Containers 3A	15.0	287.0	....	32	39
<b>Coastal berth</b>					
25. 1B Coastal berth I	10.9	130.0		11	32
26. 2B Coastal berth I	8.3	130		5	42
<b>KAMARAJAR</b>					
Coal Berth - 1	14.5	280	77000	43	82
Coal Berth - 2	14.5	280	150000	50	80
Ennor Coal Terminal	16.5	347.5	150000	82	69
Marine Liquid Terminal-1-POL/Chemicals	13.5	360	70000	27	86
Multi Cargo Terminal	15.0	400	-	27	36
Container Terminal 1 (Phase I)	14.5	400	-	20	42
General Cargo Terminal	10.0	278		-	3
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
<b>VISAKHAPATNAM</b>					
<b>Inner Harbour</b>					
<b>Multipurpose Berths</b>					
East Quay - 1	14.5	280.0	...	0	0
East Quay - 2@	14.5	560.0	...	82	0
East Quay - 3@			...	89	91
East Quay - 4@			...	0	91
East Quay - 5@			...	80	0
East Quay - 6			11.0	182	...
East Quay - 7	14.5	255	...	59	87
East Quay - 8	14.5	255	...	61	55
East Quay - 9	14.5	255	...	7	66
East Quay -10	11.0	180	...	63	9
West Quay - 1	13.5	212	...	85	77
West Quay - 2	13.5	227	...	73	80
West Quay - 3	13.5	201	...	55	76
West Quay - 4	11.5	243	...	44	74
West Quay - 5	11.5	242	...	65	47
West Quay -6	13.0	255	...	9	49
RE WQ-I -POL and small Jatties	11.0	170	...	63	0
West Quay -7	14.5	280	...	51	66
West Quay -8	14.5	280	...		56
<b>Captive Berths</b>					
O R - 1	9.75	183	...	57	0

@ EQ-2 to EQ-5 Berth are reconstructed berths.  
WQ-6 Operational w.e.f 8.2.2021

Table 1.4 Contd...

## Berths Available at Major Ports

(As on 31-03-2022)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during		
				2020-21	2021-22	
1	2	3	4	5	6	
OR2	11.0	180		70	81	
OR3	10.1	173		36	23	
<b>Outer Harbour</b>						
1. VGCB - General cum Bulk Cargo@-Multipurpose	18.1	356	...	59	70	
<b>Captive Berths</b>						
OB -Iron Ore/Coking Coal/Steam coal	18.2	300	...	86	78	
OB -2 Iron Ore/Coking Coal/Steam coal						
OSTT - Crude Oil *	17.0	408	...	29	35	
LPG -POL/LPG	14.0	371.0	...	51	59	
VCTPL- Containers	16.0	451		74	75	
SPM-CRUDE OIL	-			-	-	
FB	10.1	173.1	-	37	42	
REWQ I	11.0	170.0	-	-	-	
Green Channel Berth	8.2	185.0		-	-	
<b>PARADIP</b>						
Iron Ore Berth-Iron Ore	13.0	210 dolphin to Dolphin 320	70,000	90	44	
East Quay - I -General	12.5	685	60000	55	70	
East Quay - II-General	14.0		60000	78	28	
East Quay - III-General	14.0		70000	91	32	
South Quay-General	12.5	270	60000	91	76	
Central Quay - I-General	14.5	750	95000	94	83	
Central Quay - II-General	14.5		95000	93	79	
Central Quay - III-General	14.5		95000	60	48	
Fertiliser Berth - I	14.5	250	95000	54	54	
Fertiliser Berth - II	14.5	230	95000	66	73	
Multipurpose Berth-General ( MPB)	14.5	250	95000	94	82	
Coal Berth - I	14.5	260	80000	66	71	
Coal Berth - II	14.5	260	80000	68	74	
North Oil Jetty	13.5	360	80000	52	53	
SPM	21.0	-	32000	68	62	
SPM -II	23.0					
SPM -III	23.0					
South Oil Jetty	14.0	Dolphin to Dolphin 360 mtrs	-	51	67	
RO-RO Jetty- P. Cargo	5.5	50	10000	-	-	
North Quay-I	5.0	-	-	-	-	
North Quay-II	7.5	130	-	-	-	
PICT-1	14.5	450		84	87	
NIOB	14.5	370	-	75	53	
Mooring berth (off FB-1)	7.5	130				
KICT				-	83	
New Coal import berth	14.5	370				
<b>KOLKATA DOCK SYSTEM</b>						
<b>Kidderpore Dock (KPD)</b>						
1 KPD- General	7.7	133	Around 25000 depending on parcel load +	59	66	
3 KPD -General	8.0	128		33	15	
4 KPD-General	8.1	136		48	57	
5/7 KPD- General	8.7	229	-do-	42	31	
6 KPD-General	8.0	118	-do-	56	43	
8 KPD- General	8.4	128	-do-	88	99	
9 KPD- General	8.9	108	-do-	59	30	
10 KPD- General	8.8	161	-do-	22	99	
11 KPD (Passenger & Coastal)	8.5	151	-do-	95	91	
12 KPD( Passenger & Coastal)	8.4	143	-do-	61	100	
22 KPD-General	7.2	151	-do-	100	94	
23 KPD-General	8.7	147	-do-	24	82	
24 KPD-General	7.8	152	-do-	44	82	
25 KPD-General	8.4	169	-do-	22	50	
26 KPD-General	8.0	185	-do-	13	37	
27 KPD-General	7.2	195	-do-	71	67	
28 KPD-General	8.4	195	-do-	82	100	
29 KPD-General	8.0	185	-do-	2	33	
Combined Coal & Berth (17&18) KPD temporary coal berth					73	

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.

Table 1.4 Contd...

## Berths Available at Major Ports

(As on 31-03-2022)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2020-21	2021-22
1	2	3	4	6	6
<b>Netaji Subhash Dock (NSD)</b>					
1 NSD-General/Heavy Cargo	7.1	200	-do-	28	62
2 NSD-General Cargo	7.0	187	-do-	59	78
3 NSD-General Cargo	8.4	183	-do-	74	86
4 NSD-Container	7.8	181	Around 21000	67	83
5 NSD-Container	7.6	182	-do-	79	80
7 NSD-Container	7.3	192	-do-	96	61
8 NSD-Container	7.3	225	Around 25000	82	85
12 NSD-Liquid Cargo	6.2	152	depending on parcel load	61	55
13 NSD-General Cargo	7.5	174	-do-	56	75
14 NSD-General Cargo	7.3	174	-do-	59	34
<b>Budge Budge Jetties</b>					
1 BB-Liquid Cargo	13.0	189	Around 38000*	21	10
2 BB-Liquid Cargo	12.2	95	-do-	1	1
3 BB-Liquid Cargo	12.0	146	-do-	3	9
5 BB-Liquid Cargo	11.8	189	-do-	27	24
7 BB-Liquid Cargo	9.8	140	-do-	2	2
8 BB-Liquid Cargo	8.5	177	-do-	16	22
<b>HALDIA DOCK COMPLEX</b>					
HOJ-I - POL, Amonia & Chemical	12.2	236	90000	76	71
HOJ-II - POL	12.2	277	150000	76	70
HOJ-III- POL Crude	12.5	275	150000	59	60
Berth No.2 - Multipurpose Berth handling Dry Bulk	10.0	238	75000	89	58
Berth No. -3- Multipurpose Berth handling POL, Iron Ore & other bulk	12.2	239	75000	65	46
Berth No.- 4 -Thermal Coal (Mechanised)	12.2	239	75000	44	37
Berth No.- 4 A- Coking Coal (Mechanised)	12.2	230	75000	68	66
Berth No. - 4 B - Multipurpose-Dry Bulk & Break Bulk	12.2	180	75000	85	56
Berth No. 5 - Coking Coal & FRM (Dry)-Mechanised	12.2	183	75000	51	46
Berth No. 6 - Multipurpose-Dry Bulk, Break Bulk & Liquid Bulk	12.2	212	75000	72	54
Berth No. 7 - Multipurpose-Dry Bulk, Break Bulk & Liquid Bulk	12.2	212	75000	64	56
Berth No. 8 - Multipurpose-Dry Bulk, Break Bulk & Liquid Bulk	12.2	220	75000	82	58
Berth No. 9 - Multipurpose-Dry Bulk, Break Bulk & Container	12.2	210	75000	98	59
Berth No. 10 - Multipurpose-Dry Bulk, Break Bulk & Container	12.2	210	75000	38	43
Berth No. 11 - Multipurpose-Dry Bulk, Break Bulk & Container	12.2	210	75000	62	56
Berth No. 12 - Multipurpose-Dry Bulk & Break Bulk	12.2	210	75000	73	63
Berth No. 13 - Multipurpose-Dry Bulk & Break Bulk	10.0	210	75000	85	52
Floating Jetty- Mini bulk carrier(MCB) jetty for handling dry bulk like Coking Coal, Non Coking Coal, Coke, Limestone etc.	7	110	10000	69.73	-
RMF Outer Mooring Buoy- Edible oil as CPO	8	120	20000		22
Outer Terminal- II Edible Oil	9	185	40000		53

The above distances for Oil Jetties show the distance between the two outermost mooring dolphins.

Note(1) vessels with maximum beam of 32.3 metres can enter the impounded dock system. There is no beam restriction of vessels at Oil Jetties

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

Source: Major Ports

Table 1.5

## Storage Facilities Available at Major Ports

(As on 31.3.2022)

Port/Type	Dry Storage Accommodation		Liquid Storage Tanks			
	No.	Area(Sq.mts)/ Capacity	No.	Location	Capacity	Type of Cargo
1	2	3	4	5	6	7
<b>1.DEENDAYAL</b>						
<b>(a) Dry Cargo Storage accommodation</b>						
<b>Covered area</b>						
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)	
<b>Open Area**</b>						
With in Customs Bonded Area		103000/ (226000)				
Pucca Plots						
<b>Other (Private/Users agencies)</b>						
<b>Covered area</b>						
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					
<b>Open</b>						
a) Container Yard	1	10817 TEU		Kandla (Inside port's privately operated terminal)		
b) Reefer Points (No.)	68	136		Kandla (Inside port's privately operated terminal)		
<b>2. MUMBAI</b>						
<b>(A) Port Owned</b>						
<b>(a) Covered area</b>						
i) Transit Sheds	19	96606		As infprmed by Dy.CME all liquid stres cargo tanks have been decommissioned		
ii) Ware-Houses	6	43077				
Container freight station	12	97081				
b) Open	58	739238				
<b>(B)Other ( Area Allotted)</b>						
<b>(a) Covered area</b>						
i) Transit Sheds						
ii) Ware-Houses						
iii) Ware house						
b) open						
<b>C)</b>						
Container	5	4903 TEUs				
<b>3. MORMUGAO</b>						
<b>(a) Covered area</b>						
i) Transit Sheds/Overflow sheds.	4	22065	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
			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				
<b>(c) Container Yards</b>						
Inside	1	14823				
Outside	1	19466				
<b>(d) Reefer Points(No)</b>						
	84	-				

Table 1.5 Contd.

## Storage Facilities Available at Major Ports

(As on 31.3.2022)

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
<b>4. NEW MANGALORE</b>						
i) Transit/Overflow Sheds B.N.O	7	14852 Sq.mts 37130 MT	62	Wharf Area	227833 269345KL	Petroleum product/ Chemical/Molasses/ Edible Oil
ii) Covered Ware-Houses	6	24458 Sq.mts 61145 MT				
iii) Open Stack Yard (CWC)	8	164149 Sq. mts	4	Wharf Area	23167 30000 KL	Cement
iv) Other Gowdowns	5	22706 Sq.mts 66765 MT	14	Wharf Area	48076 71800 KL	Edible Oil,& Bitumen/ POL & Methanol
v) Container						
<b>5. J. L. NEHRU</b>						
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	29280 KL	LPG
			8	ONGC at Uran	480000 KL	Crude Oil
<b>Container Yards</b>						
I) Outside Port	1	215360				
Under port's land		38808				
II) Outside ports ,CFSs-Private	34	3667215				
<b>6. COCHIN</b>						
<b>(a) Covered area</b>						
i) Transit Sheds	7	22281	10	Inside Port	594491	POL & Chemical
ii) Ware-Houses	5 (87)	13890 (31789)				
iii)Container Freight Station	1	125000( 46863)				
<b>(b) Open Area</b>						
i) Open Space	1 (48)	125000 ( 46863)				
ii) CFS Yard	-	-				
<b>(c) Container Yards</b>						
i)Container yard inside port	1	20000 ( 462 TEUs)				
i) Reefer Points (No.) indise port	64					
Out side Port	3	78800				
<b>7. V.O. CHIDAMBARANAR</b>						
<b>(a) Covered area</b>						
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>(b) Open Area</b>						
i) General cargo	2	564658				
ii) Container						
iii)Ware house						
vi)Reefer						
<b>C) Other ( Private/ Users agencies)</b>						
i) Ware house	6	99545				
ii) Container Freight Station						
Open	2	250000				
<b>8. CHENNAI</b>						
<b>A. Port Owned</b>						
<b>(a) Covered area</b>						
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

Table 1.5 Contd.

## Storage Facilities Available at Major Ports

(As on 31.3.2022)

Port/Type	Dry Storage Accomodation			Liquid Storage Tanks			
	No.	Area(Sq.mts)/ Capacity		No.	Location	Capacity	Type of Cargo
	2	3	4	5	6	7	
				Inside port Area-IV	346339.37KL	Liquid cargo	
<b>B. Area Allotted &amp; Vaccant</b>							
<b>(a) Covered area</b>							
i) Transit shed		3850					
ii) Ware house		53246					
iii) Vacant area		11264					
<b>(b) Open Area</b>							
i) Alloted area inside Port		247507					
ii) Vacant area inside Port		279878					
ii) Other open area inside Port		810369					
<b>C. Container</b>							
		9256					
<b>9. VISAKHAPATNAM</b>							
<b>A. Port Owned</b>							
<b>(a) Covered area</b>							
i) Transit Sheds/overflow shede	-	20205 639674 Tonnes/ TEUs	-	-	347246KL 1893223	Crude LPG POL Chemicals	
ii) Ware-house/Storage sheds	-	39325 87740 Tonnes/ TEUs	-	-			
ii) Sylos		80500 Tonnes/ TEUs					
<b>(b) Open Area</b>							
i) Bulk cargo	...	1612648	-				
	...	75134 Tonnes/ TEUs					
<b>Containers</b>							
<b>Outside</b>							
<b>Private &amp; User Agencies</b>							
i) Transit Sheds/overflow shede	...	99320					
	...	5625 TEUs					
ii) Ware-house/Storage sheds	...						
iii) Sylos	...						
Container	...						
<b>10. PARADIP</b>							
<b>A) Port owned</b>							
a) Covered area	1	1400	16	Outside Port	155000	FRM	
i) Transit Sheds/Over flow sheds	2	7800	14	Outside Port	234400	FRM	
ii) Ware - Houses			20	Outside Port	1200000	Crude Oil	
iii) Container Freight Station open		194300	74	Outside Port	999309	POL	
(b) Open Area (Inside port)			30	Outside Port	34600	Edible Oil	
<b>Outside port</b>							
<b>B) Other ( Private/ users agencies)</b>							
<b>a) Covered area</b>							
i) Transit Sheds/Over flow sheds							
ii) Ware - Houses		21000					
iii) Container Freight Station							
(b) Open Area		407450					
Container yard		48535					
Container							
<b>11. KOLKATA DOCK SYSTEM</b>							
<b>A. Port Owned (inside port)</b>							
<b>(a) Covered area</b>							
i) Transit Sheds		134722		554662 KL		Vegetable Oil	
ii) Ware-Houses		10794				Vegetable Oil	
iii) Container yard		185303				POL	
iv) Container Freight Station		9000				POL	
						Chemicals	
<b>(b) Open Area</b>							
		249000					
<b>(B) Other ( Private / users agencies)</b>							
i) Transit Sheds		134722					
ii) Ware-Houses		10794					
iii) Container yard		169303					
<b>12. HALDIA DOCK COMPLEX</b>							
<b>(a) Covered area</b>							
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					
<b>(B) Other ( Private / users agencies)</b>							
<b>a)Covered</b>							
i)Transit sheds inside	1	1500					
(b) Open Area inside	2	182500					
(c) Container inside	1	5000 TEUs					
<b>13. KAMARAJAR</b>							
<b>(A) Port Owned</b>							
a) Covered Area			66	Inside Port	2,54,478 KL + 3,60,000 CRM	POL / Chemicals / LNG	
(b) Open Area	1	210500					
<b>(B) Other ( Private / users agencies)</b>							
<b>a)Covered</b>							
i)Transit sheds							
ii) Ware house	2	16800					
(b) Open Area	2	1014964					
	1	110200					
Container (Out side port)							
(Inside port )	1	186000					

\* Extn 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 CONCOOR - 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 &amp; excluded storage are leased out to othe port users and BoT operators inside DIZ.

Source -Major Ports

## Capacity at Major Ports

**Table**

(In Million Tonnes)

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

(\*) Port Capacity re-rated based on Berthing Policy as per international norms. Major Ports re-rated capacity during 2016-17 was 1359 MT.

(#) Include SMP Haldia Dock Complex

(P): Provisional

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

Table 1.7

## Number of Berths Available at Major Ports

(As on 31.03.2022)

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	
<b>POL</b>															
31.3.18	7	3+2BJ	2+3SBM	4+1 SBM	1	2	1	4+1SBM+1LNG	5+1SBM	2	6+Pipeline	8+3SBM	2	47+9SBM+2BJ	
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	
<b>IRON ORE</b>															
31.3.18	-	-	2	1	-	-	-	-	-	3Mooring Dolphins	-	-	-	3+3Mooring Dolphins	
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	
<b>COAL</b>															
31.3.18	-	2	2	2	3	-	3	-	1	2	-	-	-	15	
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	
<b>FERTILISER</b>															
31.3.18	-	-	2	1	-	-	-	1	-	-	-	1	-	-	
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	
<b>BREAK BULK</b>															
31.3.18	23	10+2FAJs	8	16	2	15	9	10	9	3	25	18	2#	150+2FAJs	
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	
<b>CONTAINER</b>															
31.3.18	5	2	-	1	1	7	2	2	-	-	-	2	11^	33	
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	
<b>TOTAL</b>															
31.3.18	35*	17+2 BJ+2 FAJ	16+3 SBM	25+1 SBM	7	24	15	17+1SPM+1LNG	15+1 SBM	7+Mooring Dolphins	29 + Pipeline	29+3SBM	15	251+9 SBM+2 BJ+2 FAJ+1 LNG+Pipe line+Mooring Dolphins	
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+O T-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

(#) There is no dedicated berth for Iron Ore, Fertilizers and Containers.

(\*) Presently, due to mechanisation EQ-2 &amp; EQ3 Berths are not available for commercial operator

##) 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 31.3.2022)

(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 ##	-	-
<b>All Ports</b>	<b>48</b>	<b>21</b>	<b>59</b>	<b>197</b>	<b>99</b>	<b>551</b>		<b>81</b>	<b>39</b>

(\*)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 susem 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:-Indian Ports Association.

Table 1.9

## Container Handling Facilities Available at Major Ports

(As on 31.3.2022)

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	1x5 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: Indian Ports Association

Table 1.10

## Berthing Facilities Available at Non-Major Ports

(As on 31.3.2022)

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
<b>GUJARAT (2021-22)</b>	Minor	30.00	-	0	32	10	74	116
<b>(Detail 2017-18)</b>								
<b>Dahej</b>								
<b>DHIL</b>	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
<b>Hazira</b>								
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
<b>Mundre</b>								
Mundra &SEZ(MPSEZ)	Minor	30.00	Dry liquid	-	-	1	28	29
<b>Sikka</b>								
	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	Minor	13.00	Captive Jetty	-	1	-	-	1
Muldwarka	Minor	21.00	Captive Jetty	-	2	-	2	4
Ambuja Cement Ltd	Minor	23.00	MBC	-	1	-	-	1

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

**Berthing Facilities Available at Non-Major Ports**

(As on 31.3.2022)

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
<b>GUJARAT(Contd...)</b>								
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
Umargaon	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 31.3.2022)

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
<b>MAHARASHTRA</b>								
Kalyan	Minor	5.00	Passenger Jetty	-	2	-	-	2
Thane	Minor	4.00	Sloping jetty	-	10	-	-	10
Ulwa Belapur	Minor	4.00	Cargo jetty	-	-	1	-	1
Mora	Minor	8.00	Passenger Jetty	1	1	-	-	2
Karanja	Minor	2.00	Sloping jetty	-	1	-	-	1
Rewas	Minor	5.00	Passenger Jetty	2	-	-	-	2
Mandwa	Minor	10.00	Passenger Jetty	-	-	2	-	2
Dharamtar	Minor	5.00	Cargo/Passenger jetty	-	4	8	-	12
Trombay	Minor	2.00	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
Rajpuri	Minor	2.00	Passenger Jetty	-	1	-	-	1
	Minor	2.00	Passenger Jetty	-	1	-	-	1
Dighi	Minor	10-14	Passenger	-	1	-	-	1
	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 Type Jetty	-	-	1	-	1
Jaigad	Minor	20.00	T Type Jetty	-	-	1	-	1
Borya	Minor	3.00	I Type Jetty	-	1	-	-	1
Palshet	Minor	2.00	I Type Jetty	2	-	-	-	2
Dabhol	Minor	17.00	T Type Jetty	-	-	-	1	1
Vasai	Minor	4.00	Sloping jetty	1	9	1	-	11
Gharapuri	Minor	-	Passenger Jetty	-	6	-	-	6
Harnai	Minor	2.00	I Type Jetty	-	1	-	-	1
Kelshi	Minor	14.00	T Type Jetty	-	1	-	-	1
Bankot	Minor	14.00	I Type Jetty	-	-	1	-	1
	Minor	14.00	L Type Jetty	-	1	-	-	1
Purnagad	Minor	2.00	I	1	1	-	-	2
Jaitapur	Minor	5 & 3.50	Step & I	1	1	-	-	2
Vijaydurg	Minor	6.00	T Type Jetty	-	-	1	-	1
Deogad	Minor	4-6	T	-	-	1	-	1
Achara	Minor	4.00	-	1	-	-	-	4
Malwan	Minor	4.00	L	-	1	-	-	1
Niwati	Minor	-	-	2	1	-	-	3
Vengurla	Minor	5-6	I Type Jetty	1	-	-	-	2
Redi	Minor	-	-	2	-	-	-	2
Kiranpani	Minor	-	-	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 31.3.2022)

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
<b>KARNATAKA</b>								
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
<b>KERALA</b>								
1. Vizhinjam/Koavalam	Minor	38.00	RCC	-	1	1	-	2
2. Azhikkal	Minor	3.50	Concerete	-	1	-	-	1
3. Kozhikode/Beyepore	Intermediate	3.6 - 4	Normal Wharf	-	2	-	-	2
4. Kollam	Minor	7.20	Concerete wall	-	-	-	1	1
<b>ODISHA</b>								
1. Dhamra	Minor	20.00	Mechanical (3), Manual (1), Barge B	-	1	-	4	5
2. Gopalpur	Minor	14.50	Bulk & Break Bulk	-	-	-	3	3
<b>Lakshadweep</b>								
1. Agatti	Minor	15.00	Jetty	-	-	-	-	-
2.Kavaratti	Minor	20.00	Jetty	-	1	-	1	2
3.Minicoy	Minor	20.00	Open Jetty	-	75	-	36	111
4. Chetlat	Minor	45.00	Mooring	-	-	-	-	-
5.Kalpeni	Minor	5.00	RCC piled jetty	-	3	-	-	3
6. Androth	Minor	8.00	-	-	-	-	3	3

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

**Berthing Facilities Available at Non-Major Ports**

(As on 31.03.2022)

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
<b>ANDHRA PRADESH</b>								
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
<b>TAMIL NADU</b>								
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
<b>GOA</b>								
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	-	-	-	-	-
<b>DIU</b>								
Diu	Minor	-	Solid Wharf	-	-	-	-	-
	Minor	-	Pile jetty	-	-	-	-	-
<b>PONDICHERRY</b>								
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

Source : State / UT Maritime Boards

**Table 1.11****Equipment Available at Various Non-Major Ports (As on 31.03.2022)**

(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
<b>GUJARAT</b>											
2020-21	7	-	-	-	-	5	-	3	-	-	-
2021-22	7	-	-	-	-	6	1	4	-	-	-
<b>MAHARASHTRA</b>											
2020-21	-	-	-	-	-	-	-	-	-	-	-
2021-22	1	18	2	14	4	56	-	1	6	-	-
<b>GOA</b>											
Panaji											
2020-21	1	-	-	-	-	1	*	3	1	-	-
2021-22	1	-	-	-	-	1	*	3	1	-	-
<b>ANDHRA PRADESH</b>											
Kakinada Deep Water Port											
2020-21	-	-	-	12	-	-	-	-	-	-	-
2021-22	-	-	-	12	-	-	-	-	-	-	-
Krishnapatnam											
2020-21	1	-	-	21	-	-	-	-	4	-	-
2021-22	-	-	-	22	-	-	-	-	5	-	-
Gangavaram											
2020-21	-	-	-	-	-	-	-	2	3	-	-
2021-22	-	-	-	-	-	-	-	2	3	-	-
<b>TAMIL NADU</b>											
Nagapattinam											
2020-21	-	-	-	-	-	-	-	1	-	-	-
2021-22	-	-	-	-	-	-	-	1	-	-	-
Kanyakumari											
2020-21	1	-	-	-	-	-	-	-	3	-	-
2021-22	5	-	-	-	-	-	-	-	3	-	-
Kattupalli											
2020-21	-	-	-	22	-	-	-	-	2	-	-
2021-22	-	-	-	25	-	-	-	-	2	-	-
<b>KERALA</b>											
Kollam											
2020-21	-	-	-	4	-	-	-	-	2	-	-
2021-22	-	-	-	3	-	-	-	-	1	-	-
Azhikkal											
2020-21	0	-	-	3	-	-	-	-	1	-	-
2021-22	1	-	-	3	-	-	-	-	1	-	-

Table 1.11

## Equipment Available at Various Non-Major Ports (As on 31.3.2022)

(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											
2020-21	-	5	-	6	-	-	-	-	-	-	-
2021-22	-	3	-	6	-	-	-	-	3	-	-
Kovalam-Vizhinjam											
2020-21	-	1	-	-	-	-	-	-	1	-	-
2021-22	-	1	-	-	-	-	-	-	1	-	-
<b>DIU</b>											
2020-21	-	-	-	4	-	-	-	1	-	-	-
2021-22	-	-	-	4	-	-	-	1	-	-	-
<b>PUDUCHERRY</b>											
Pondicherry											
2020-21	2	-	-	-	-	-	-	1	-	-	-
2021-22	-	-	-	-	-	-	-	-	-	-	-
Karaikal											
2020-21	-	-	-	5	-	-	-	1	2	-	-
2021-22	-	-	-	5	-	-	-	1	2	-	-
<b>ODISHA</b>											
Gopalpur											
2020-21	-	-	-	13	-	-	-	-	-	-	-
2021-22	-	-	-	5	-	-	-	1	3	-	-
Dhamra											
2020-21	-	-	-	3	-	-	-	2	5	-	-
2021-22	-	-	-	3	-	-	-	2	5	-	-
<b>Karnatka</b>											
Karwar											
2020-21	-	-	-	-	-	-	-	-	2	-	-
2021-22	-	-	-	-	-	-	-	-	3	-	-
Old Mangalore											
2020-21	-	-	4	-	-	-	-	-	-	-	-
2021-22	-	-	4	-	-	-	-	-	-	-	-
<b>A &amp; N ISLANDS</b>											
2020-21	-	-	6	17	-	-	-	-	2	-	-
2021-22	-	-	6	17	-	-	-	-	2	-	-

: 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 31.3.2022)

(Number)

Maritime States/Uts	General Light house	Light buoy	Vertual AtoNs for marking buoys	VHF/HF RT set.	RECON	Light Vessel	Launches	Light House Tender Vessel	DGNSS STATION	VTS	Physical station of NAIS
1	2	3	4	5	6	7	8	9	10	11	12
Gujarat	48	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
<b>Total</b>	<b>201</b>	<b>22</b>	<b>10</b>	<b>58</b>	<b>64</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>23</b>	<b>1</b>	<b>87</b>

\* 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 & Light Ships.

## **SECTION – II**

### ***2. CURRENT PORT STATISTICS***

#### ***2.1 MAJOR PORTS***

#### ***2.2 NON-MAJOR PORTS***

**Table 2.1.1****Traffic Handled At Major Ports in India -2021-22**

(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	81849	27593	1636	111078	4424	11579	19	16022	86273	39172	1655	127100
Mumbai	28447	4640	2707	35794	9227	7083	7787	24097	37674	11723	10494	59891
J.L. Nehru	37645	33287	944	71875	2256	1552	313	4121	39900	34839	1257	75996
Mormugao	11176	5167	0	16343	1263	850	0	2113	12439	6017	0	18456
New Mangalore	20812	8592	0	29405	7644	2247	0	9891	28456	10839	0	39296
Cochin	18620	3080	1014	22714	6178	4221	1438	11837	24798	7301	2452	34551
V.O. Chidambaranar	15220	7868	476	23564	8976	1579	0	10555	24196	9447	476	34119
Chennai	24912	16482	0	41394	5058	2112	0	7170	29970	18594	0	48564
Kamarajar	15382	6705.3	416	22503	16239	0	0	16239	31621	6705	416	38742
Visakhapatnam	34778	12494	485	47757	5040	15747	486	21273	39818	28241	971	69030
Paradip	57532	16398	0	73930	1771	40433	0	42203	59303	56830	0	116133
SMP (Haldia Dock Complex)	32126	5375	0	37501	3551	1825	0	5376	35677	7200	0	42877
SMP (Kolkata Dock System)	5543	6606.5	2723	14873	247.32	166.13	12	425	5790	6773	2735	15298
<b>All Ports</b>	<b>384042</b>	<b>154287</b>	<b>10402</b>	<b>548731</b>	<b>71874</b>	<b>89394</b>	<b>10055</b>	<b>171323</b>	<b>455916</b>	<b>243681</b>	<b>20456</b>	<b>720054</b>

Source : Major Ports

**Table 2.1.2****Traffic Handled At Major Ports by Selected Commodities -2021-22**

('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	56301	764	4340	245	5450	20463	8620	493	30917	127100
Mumbai	35580	6739	308	162	20	5378	238	25	11466	59891
J.L.Nehru	2136	0	0	0	0	0	69092	5685	4767	75996
Mormugao	497	3552	63	0	0	9163	184	14	4997	18456
New Mangalore	20549	5152	408	141	0	201	2309	152	10536	39296
Cochin	21067	0	0	319	0	0	10278	736	2888	34551
V.O.Chidambaranar	283	25	346	763	0	7488	15905	781	9309	34119
Chennai	11850	0	0	268	84	0	30925	1602	5437	48564
Kamarajar	2571	0	0	0	0	21133	9269	480	5770	38742
Visakhapatnam	12309	14913	1182	1492	613	7022	8583	512	22916	69030
Paradip	35126	20143	389	4802	0	44451	184	10	11038	116133
Haldia Dock Complex	4609	948	181	375	51	7782	3353	165	25578	42877
Kolkata Dock System	316	0	276	30	815	165	8441	570	5255	15298
<b>All Ports</b>	<b>203194</b>	<b>52236</b>	<b>7493</b>	<b>8598</b>	<b>7033</b>	<b>123246</b>	<b>167381</b>	<b>11225</b>	<b>150873</b>	<b>720054</b>

\*: Thermal Coal &amp; Coking Coal

Source: Major Ports

Table 2.1.3

## Traffic Handled - Port-wise and Principal Commodity-wise - 2019-20, 2020-21 &amp; 2021-22

Commodity	('000 Tonnes) Kolkata Dock System																	
	2019-20						2020-21						2021-22					
	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	90	0	90	420	58	478	67	60	127	176	3	179	59	1	60	192	64	256
Fertiliser	747	0	747	0	0	0	571	0	571	0	0	0	276	0	276	0	0	0
FRM - Dry	6	0	6	0	0	0	0	0	0	0	0	0	30	0	30	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	5	0	5	0	0	0	8	198	206	0	0	0	0	805	805	11	0	11
Iron & Steel	30	48	78	0	11	11	45	38	83	0	11	11	33	191	224	0	14	14
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	545	0	545	0	0	0	241	0	241	0	0	0	410	0	410	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	313	0	313	0	0	0	134	0	134	0	0	0	165	0	165	0	0	0
Thermal Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cement	90	0	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron Ore/Pellets	0	0	0	32	0	32	0	0	0	0	0	0	0	0	0	0	0	0
Other Ore	49	0	49	0	0	0	158	0	158	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	5086	4223	9309	244	214	458	4097	4078	8175	20	42	62	4269	4124	8393	10	38	49
Others	2663	2056	4719	264	109	373	3927	1700	5627	250	76	326	2613	1897	4511	46	50	96
<b>Total</b>	<b>9624</b>	<b>6327</b>	<b>15951</b>	<b>960</b>	<b>392</b>	<b>1352</b>	<b>9248</b>	<b>6074</b>	<b>15322</b>	<b>446</b>	<b>132</b>	<b>578</b>	<b>7855</b>	<b>7018</b>	<b>14873</b>	<b>259</b>	<b>167</b>	<b>425</b>

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

**Traffic Handled - Port-wise and Principal Commodity-wise - 2019-20, 2020-21 & 2021-22**

Commodity	Haldia Dock Complex																	
	('000 Tonnes)																	
	2019-20						2020-21						2021-22					
	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	49	0	49	0	0	0	91	0	91	0	0	0	42	0	42	0	0	0
POL Products	713	612	1325	4050	309	4359	613	160	773	2430	911	3341	578	92	670	2825	1072	3897
Fertiliser	137	0	137	0	0	0	213	0	213	0	0	0	181	0	181	0	0	0
FRM - Dry	372	0	372	0	0	0	340	0	340	0	0	0	375	0	375	0	0	0
FRM - Liquid	0	0	0	0	0	0	588	0	588	0	0	0	380	0	380	0	0	0
Food Grains	0	0	0	0	0	0	0	0	0	0	0	0	0	51	51	0	0	0
Iron & Steel	107	641	748	28	8	36	43	1350	1393	0	0	0	52	786	838	0	2	2
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	22	22	0	0	0	0	84	84	0	0	0
Veg. Oil	2286	0	2286	0	0	0	2376	0	2376	0	2	2	2528	0	2528	0	3	3
Salt	0	0	0	44	0	44	0	0	0	44	0	44	0	0	0	0	0	0
Coking Coal	7462	0	7462	215	2	217	7547	0	7547	40	0	40	7660	0	7660	27	0	27
Thermal Coal	0	0	0	0	2359	2359	0	0	0	0	522	522	0	0	0	0	95	95
Cement	206	0	206	541	0	541	128	0	128	177	0	177	0	0	0	0	0	0
Iron Ore/Pellets	0	2937	2937	0	210	210	0	3947	3947	0	0	0	0	736	736	0	212	212
Other Ore	905	0	905	0	0	0	1576	34	1610	0	0	0	2554	0	2554	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	1055	787	1842	822	368	1190	962	1142	2104	503	320	823	1016	1548	2564	365	424	789
Others	17764	1453	19217	234	4	238	17787	1477	19264	123	0	123	16760	2078	18838	334	17	351
<b>Total</b>	<b>31056</b>	<b>6430</b>	<b>37486</b>	<b>5934</b>	<b>3260</b>	<b>9194</b>	<b>32264</b>	<b>8132</b>	<b>40396</b>	<b>3317</b>	<b>1755</b>	<b>5072</b>	<b>32126</b>	<b>5375</b>	<b>37501</b>	<b>3551</b>	<b>1825</b>	<b>5376</b>

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

**Traffic Handled - Port-wise and Principal Commodity-wise - 2019-20, 2020-21 & 2021-22**

Commodity	('000 Tonnes)																		Paradip
	2019-20						2020-21						2021-22						
	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	30972	0	30972	50		50	27501	0	27501	51	0	51	29017	0	29017	78	0	78	
POL Products	110	525	635	733	4940	5672	132	1903	2035	1341	2190	3531	400	1982	2382	1073	2576	3649	
Fertiliser	475	0	475	0	0	0	480	0	480	0	0	0	389	0	389	0	0	0	
FRM - Dry	4052	0	4052	20	0	20	4922	0	4922	0	0	0	4802	0	4802	0	0	0	
FRM - Liquid	1584	0	1584	0	16	16	1461	63	1524	19	0	19	1645	46	1691	40	107	147	
Food Grains	0	0	0			0	0	0	0	0	0	0	0	0	0	0	0	0	
Iron & Steel	35	1041	1076	0	346	346	32	2918	2950	0	67	67	0	2585	2585	0	143	143	
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	40	0	40	0	0	0	57	0	57	0	0	0	97	0	97	0	0	0	
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Coking Coal	11903	17	11920	4	72	76	10266	0	10266	25	26	51	13517	0	13517	0	68	68	
Thermal Coal	5807	0	5807	0	21196	21196	3827	0	3827	0	19210	19210	2665	0	2665	0	28201	28201	
Cement	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	
Iron Ore/Pellets	0	15645	15645	52	7427	7479	15	22316	22331	78	6042	6120	78	10671	10749	351	9043	9394	
Other Ore	0	372	372	0	129	129	114	144	258	0	55	55	329	197	526	0	98	98	
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	0	0	0	90	132	222	9	42	51	86	142	228	2	49	51	61	72	133	
Others	4343	359	4702	153	50	203	7123	590	7713	14	1288	1302	4591	868	5459	168	125	292	
<b>Total</b>	<b>59321</b>	<b>17959</b>	<b>77280</b>	<b>1102</b>	<b>34308</b>	<b>35409</b>	<b>55939</b>	<b>27976</b>	<b>83915</b>	<b>1614</b>	<b>29020</b>	<b>30634</b>	<b>57532</b>	<b>16398</b>	<b>73930</b>	<b>1771</b>	<b>40433</b>	<b>42203</b>	

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

**Traffic Handled - Port-wise and Principal Commodity-wise - 2019-20, 2020-21 & 2012-22**

(’000 Tonnes) Visakhapatnam

Commodity	2019-20						2020-21						2021-22					
	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	9505	0	9505	763	0	763	8158	0	8158	931	0	931	5866	0	5866	2193	0	2193
POL Products	2058	1288	3346	1802	682	2484	885	574	1459	1931	1196	3127	746	445	1191	1886	1173	3059
Fertiliser	2059	0	2059	0	0	0	1957	0	1957	0	0	0	1182	0	1182	0	0	0
FRM - Dry	899	0	899	0	0	0	1076	0	1076	0	0	0	1492	0	1492	0	0	0
FRM - Liquid	790	0	790	0	0	0	840	0	840	0	0	0	985	0	985	0	0	0
Food Grains	0	2	2	0	0	0	0	98	98	0	0	0	2	611	613	0	0	0
Iron & Steel	0	126	126	0	2	2	1	1261	1262	0	1	1	2	1125	1127	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	28	0	28	0	0	0	0	0	0	0	0	0	26	0	26	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	7446	0	7446	0	106	106	5423	0	5423	0	0	0	4428	0	4428	0	0	0
Thermal Coal	0	0	0	0	821	821	0	0	0	0	695	695	0	0	0	0	2594	2594
Cement	0	0	0	0	0	0	0	0	0	0	16	16	0	0	0	0	0	0
Iron Ore/Pellets	0	4829	4829	502	9558	10060	0	8733	8733	446	3464	3910	0	2734	2734	349	11830	12179
Other Ore	1659	85	1744	0	0	0	2479	131	2610	61	0	61	3309	229	3538	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	3839	4418	8257	247	145	392	3049	4823	7872	187	119	306	3375	4778	8153	225	205	430
Others	15495	1859	17354	261	1448	1709	11512	1987	13499	315	7494	7809	13850	2572	16422	387	431	818
<b>Total</b>	<b>43778</b>	<b>12607</b>	<b>56385</b>	<b>3575</b>	<b>12762</b>	<b>16337</b>	<b>35380</b>	<b>17607</b>	<b>52987</b>	<b>3871</b>	<b>12985</b>	<b>16856</b>	<b>35263</b>	<b>12494</b>	<b>47757</b>	<b>5040</b>	<b>16233</b>	<b>21273</b>

Table 2.1.3

## Traffic Handled - Port-wise and Principal Commodity-wise - 2019-20, 2020-21 &amp; 2021-22

('000 Tonnes)

KAMARAJAR

Commodity	2019-20						2020-21						2021-22					
	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POL Products	296	0	296	2697	0	2697	231	0	231	2189	0	2189	17	0	17	2554	0	2554
Fertiliser	99	0	99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRM - Dry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRM - Liquid	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food Grains	0	0	0	0	0	0	11	9	20	0	0	0	0	0	0	0	0	0
Iron & Steel	0	0	0	177	0	177	0	0	0	240	0	240	0	454	454	66	0	66
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	991	0	991	0	0	0	859	0	859	0	0	0	1,878	0	1878	0	0	0
Thermal Coal	8410	0	8410	10865	0	10865	5580	0	5580	8750	0	8750	5,636	0	5636	13619	0	13619
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	1950	574	2524	0	0	0	2268	1596	3864	7	0	7	4567	4702	9269	0	0	0
Others	2723	2952	5675	12	0	12	2732	1417	4149	0	0	0	3501	1749	5250	0	0	0
<b>Total</b>	<b>14469</b>	<b>3526</b>	<b>17995</b>	<b>13751</b>	<b>0</b>	<b>13751</b>	<b>11681</b>	<b>3022</b>	<b>14703</b>	<b>11186</b>	<b>0</b>	<b>11186</b>	<b>15599</b>	<b>6904</b>	<b>22503</b>	<b>16239</b>	<b>0</b>	<b>16239</b>

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

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

**Traffic Handled - Port-wise and Principal Commodity-wise - 2019-20, 2020-21 & 2021-22**

(’000 Tonnes)

Chennai

Commodity	2019-20						2020-21						2021-22					
	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	8478	0	8478	1803	0	1803	6351	0	6351	1830	0	1830	7377	0	7377	1815	0	1815
POL Products	362	1036	1398	1279	462	1741	184	581	765	805	479	1284	347	924	1271	826	561	1387
Fertiliser	0	244	244	0	0	0	135	0	135	0	0	0	0	0	0	0	0	0
FRM - Dry	187	0	187	0	0	0	202	0	202	0	0	0	268	0	268	0	0	0
FRM - Liquid	11	0	11	0	0	0	12	0	12	0	0	0	10	0	10	0	0	0
Food Grains	0	0	0	0	0	0	0	0	0	0	0	0	0	84	84	0	0	0
Iron & Steel	936	1460	2396	8	6	14	596	1303	1899	0	1	1	644	752	1396	0	4	4
Iron Scrap	9	0	9	0	0	0	9	0	9	0	0	0	90	0	90	0	0	0
Sugar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veg. Oil	1212	0	1212	0	0	0	910	0	910	0	0	0	924	0	924	0	0	0
Salt	0	0	0	33	0	33	0	0	0	53	0	53	0	0	0	45	0	45
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	8	8	0	16	16	0	0	0	0	16	16	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	602	602	0	0	0	0	430	430	0	0	0	0	850	850	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	14353	11351	25704	502	504	1006	13023	11604	24627	1141	1000	2141	14461	13219	27680	1726	1519	3245
Others	1007	528	1535	261	100	361	2146	478	2624	263	1	264	791	653	1444	646	28	674
<b>Total</b>	<b>26555</b>	<b>15229</b>	<b>41784</b>	<b>3886</b>	<b>1088</b>	<b>4974</b>	<b>23568</b>	<b>14396</b>	<b>37964</b>	<b>4092</b>	<b>1497</b>	<b>5589</b>	<b>24912</b>	<b>16482</b>	<b>41394</b>	<b>5058</b>	<b>2112</b>	<b>7170</b>

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

**Traffic Handled - Port-wise and Principal Commodity-wise - 2019-20, 2020-21 & 2021-22**

(‘000 Tonnes) V.O. CHIDAMBARANAR

Commodity	2019-20						2020-21						2021-22					
	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	319	0	319	63	4	67	341	0	341	51	4	55	210	0	210	73	0	73
Fertiliser	296	0	296	0	0	0	840	0	840	0	0	0	342	0	342	4	0	4
FRM - Dry	599	0	599	0	0	0	504	0	504	0	0	0	763	0	763	0	0	0
FRM - Liquid	297	0	297	0	0	0	135	0	135	0	0	0	125	9	134	0	0	0
Food Grains	70	0	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron & Steel	0	5	5	9	0	9	0	2	2	2	0	2	7	7	14	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	26	26	0	0	0	0	1	1	0	0	0	0	40	40	0	0	0
Veg. Oil	392	0	392.2	0	0	0	276	0	276	0	0	0	341	0	341	0	0	0
Salt	0	0	0	28	0	28	0	0	0	45	0	45	0	0	0	195	0	195
Coking Coal	61	0	61.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thermal Coal	2293	0	2293	4958	0	4958	441	0	441	6234	0	6234	0	0	0	7488	0	7488
Cement	0	92	92	0	2	2	0	66	66	0	1	1	0	34	34	0	5	5
Iron Ore/Pellets	0	0	0	0	0	0	0	0	0	0	0	0	25	0	25	0	0	0
Other Ore	113	150	263.2	0	0	0	20	0	20	0	0	0	67	8	75	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	5789	7138	12927	1636	1873	3509	4893	5990	10883	1961	2179	4140	6421	6805	13226	1192	1487	2679
Others	8838	893	9731	61	71	132	6685	942	7627	103	74	177	7157	1203	8360	16	87	103
<b>Total</b>	<b>19068</b>	<b>8304</b>	<b>27371</b>	<b>6755</b>	<b>1950</b>	<b>8705</b>	<b>14135</b>	<b>7001</b>	<b>21136</b>	<b>8396</b>	<b>2258</b>	<b>10654</b>	<b>15458</b>	<b>8106</b>	<b>23564</b>	<b>8976</b>	<b>1579</b>	<b>10555</b>

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

**Traffic Handled - Port-wise and Principal Commodity-wise - 2019-20, 2020-21 & 2021-22**

(’000 Tonnes)

Cochin

Commodity	2019-20						2020-21						2021-22					
	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	16288	0	16288	567	0	567	13065	0	13065	378	0	378	14857	0	14857	267	0	267
POL Products	200	1112	1311.4	1050	3130	4180	175	1124	1299	1046	2765	3811	230	1081	1310	1084	3548	4632
Fertiliser	22	0	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRM - Dry	184	0	184	0	0	0	256	0	256	0	0	0	319	0	319	0	0	0
FRM - Liquid	401	0	401	0	0	0	441	0	441	10	0	10	294	0	294	53	0	53
Food Grains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron & Steel	23	0	23	0	0	0	8	0	8	0	1	1	11	0	11	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	15	0	15	0	0	0	25	0	25	0	0	0
Salt	0	0	0	96	0	96	0	0	0	70	0	70	0	0	0	125	0	125
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	1109	0	1109	0	0	0	1141	0	1141	0	0	0	1009	0	1009
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	1873	1694	3566.75	4332	729	5061	1979	2078	4057	4611	882	5493	2102	2495	4597	4360	1321	5681
Others	1126	2	1127	21	65	86	1262	0	1262	11	186	197	1288	12	1300	0	71	71
<b>Total</b>	<b>20131</b>	<b>2808</b>	<b>22939</b>	<b>7175</b>	<b>3924</b>	<b>11099</b>	<b>17201</b>	<b>3202</b>	<b>20403</b>	<b>7267</b>	<b>3834</b>	<b>11100</b>	<b>19127</b>	<b>3587</b>	<b>22714</b>	<b>6897</b>	<b>4940</b>	<b>11837</b>

Table 2.1.3  
(Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2019-20, 2020-21 & 2021-22

('000 Tonnes)

New Mangalore

Commodity	2019-20						2020-21						2021-22					
	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	10592	114	10706	3156	0	3156	11539	0	11539	2511	114	2625	11362	0	11362	2611	0	2611
POL Products	245	4232	4477	944	820	1764	83	2189	2272	939	1734	2673	17	4681	4698	1081	797	1878
Fertiliser	518	0	518	0	0	0	779	0	779	0	0	0	408	0	408	0	0	0
FRM - Dry	76	47	123	0	0	0	62	11	73	0	0	0	120	21	141	0	0	0
FRM - Liquid	270	0	270	0	0	0	239	0	239	0	0	0	199	0	199	0	0	0
Food Grains	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Iron & Steel	0	4	4	246	0	246	0	2	2	276	1	277	106	141	247	187	2	189
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	108	108	0	0	0	0	256	256	0	0	0
Veg. Oil	734	0	734	0	0	0	724	0	724	6	33	39	767	0	767	6	14	20
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	10	0	10	0	0	0	94	0	94	0	0	0	201	0	201	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	356	0	356	0	0	0	366	0	366	0	0	0	253	0	253
Iron Ore/Pellets	330	2164	2494	2222	272	2494	0	1900	1900	2345	484	2829	30	2097	2127	2147	878	3025
Other Ore	53	0	53	28	0	28	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	564	433	997	1013	267	1280	446	432	878	1043	370	1413.01	413	453	866	996	447	1443
Others	7886	835	8721	16	696	711	6417	805	7222	21	428	448	7189	943	8133	363	109	472
<b>Total</b>	<b>21279</b>	<b>7829</b>	<b>29108</b>	<b>7981</b>	<b>2056</b>	<b>10037</b>	<b>20383</b>	<b>5448</b>	<b>25830</b>	<b>7507</b>	<b>3163</b>	<b>10670</b>	<b>20812</b>	<b>8592</b>	<b>29405</b>	<b>7644</b>	<b>2247</b>	<b>9891</b>

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

**Traffic Handled - Port-wise and Principal Commodity-wise - 2019-20, 2020-21 & 2021-22**

('000 Tonnes)

Mormugao

Commodity	2019-20						2020-21						2021-22					
	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	2	2	656		656	0	0	0	410	0	410	0	0	0	497	0	497
Fertiliser	37	0	37	15	0	15	163	0	163	0	0	0	63	0	63	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	109	0	109	0	0	0	168	0	168	0	0	0	108	0	108	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	34	34	0	94	94	0	38	38	0	0	0	0	93	93	0	103	103
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veg. Oil	0	0	0	0	0	0	10	0	10	0	0	0	53	0	53	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	7842	0	7842	56	0	56	7586	0	7586	107	0	107	6933	0	6933	398	0	398
Thermal Coal	1550	0	1550	0	0	0	1456	0	1456	0	0	0	1830	0	1830	2	0	2
Cement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron Ore/Pellets	267	1456	1723	0		0	0	7010	7010	0	0	0	0	2658	2658	157	737	894
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	210	95	305	103	10	113	145	81	226	65	16	81	68	64	132	46	6	52
Others	1466	1387	2853	560	68	628	1610	2311	3921	806	6	812	2121	2352	4473	163	4	167
<b>Total</b>	<b>11481</b>	<b>2974</b>	<b>14455</b>	<b>1390</b>	<b>172</b>	<b>1562</b>	<b>11138</b>	<b>9440</b>	<b>20578</b>	<b>1388</b>	<b>22</b>	<b>1410</b>	<b>11176</b>	<b>5167</b>	<b>16343</b>	<b>1263</b>	<b>850</b>	<b>2113</b>

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

**Traffic Handled - Port-wise and Principal Commodity-wise - 2019-20, 2020-21 & 2021-22**

('000 Tonnes)

J. L. Nehru

Commodity	2019-20						2020-21						2021-22					
	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	175	175	0	0	0	0	386	386	0	0	0	0	0	0
POL Products	567	441	1008	1562	273	1835	272	46	318	1165	681	1846	408	0	408	962	767	1729
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	228	0	228	0	0	0	286	0	286	0	0	0	244	0	244	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	1586	0	1586	0	0	0	1226	0	1226	0	0	0	1225	13	1238	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	1018	0	1018	0	0	0	866	0	866	0	0	0	807	0	807
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	695	68	763	0	0	0	1160	162	1322	0	0	0	938	387	1325	0	0	0
Container	33922	25871	59794	499	647	1146	28749	27393	56142	715	888	1603	34129	33383	67512	671	909	1580
Others	880	9	889	4	3	7	809	1	810	1	2	4	1148	1	1149	1	3	4
<b>Total</b>	<b>37880</b>	<b>26389</b>	<b>64268</b>	<b>3083</b>	<b>1098</b>	<b>4181</b>	<b>32502</b>	<b>27602</b>	<b>60104</b>	<b>2747</b>	<b>1958</b>	<b>4705</b>	<b>38091</b>	<b>33784</b>	<b>71875</b>	<b>2441</b>	<b>1679</b>	<b>4121</b>

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

**Traffic Handled - Port-wise and Principal Commodity-wise - 2019-20, 2020-21 & 2021-22**

Commodity	('000 Tonnes)																		Mumbai
	2019-20						2020-21						2021-22						
	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	15581	0	15581	7493	3510	11003	14118	0	14118	333	10356	10689	15168	0	15168	109	9918	10027	
POL Products	1759	2318	4076	4196	2355	6551	1670	1922	3592	799	4027	4827	1868	2278	4146	1807	4432	6239	
Fertiliser	323	0	323	0	0	0	325	0	325	0	0	0	308	0	308	0	0	0	
FRM - Dry	91	0	91	0	0	0	37	0	37	0	0	0	162	0	162	0	0	0	
FRM - Liquid	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Food Grains	0	0	0	0	0	0	0	0	0	0	0	0	0	20	20	0	0	0	
Iron & Steel	2111	185	2296	405	21	426	1262	528	1790	38	0	38	1467	1413	2880	188	3	191	
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sugar	0	43	43	0	0	0	0	160	160	0	0	0	0	509	509	0	0	0	
Veg. Oil	85	0	85	0	0	0	4	0	4	0	0	0	144	0	144	0	0	0	
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Coking Coal	1699	0	1699	869	0	869	525	0	525	444	0	444	290	0	290	0	0	0	
Thermal Coal	3691	0	3691	0	0	0	3466	0	3466	78	0	78	5088	0	5088	0	0	0	
Cement	0	0	0	560	0	560	0	2	2	348	0	348	0	0	0	554	0	554	
Iron Ore/Pellets	520	0	520	6507	0	6507	220	0	220	6955	0	6955	0	0	0	6739	0	6739	
Other Ore	99	0	99	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	2	6	8	283	0	283	1	6	7	247	0	248	1	4	5	233	0	233	
Others	5295	486	5780	202	0	202	4972	363	5335	94	21	115	6495	579	7074	81	33	114	
<b>Total</b>	<b>31257</b>	<b>3037</b>	<b>34294</b>	<b>20515</b>	<b>5886</b>	<b>26401</b>	<b>26601</b>	<b>2981</b>	<b>29582</b>	<b>9337</b>	<b>14405</b>	<b>23742</b>	<b>30991</b>	<b>4803</b>	<b>35794</b>	<b>9711</b>	<b>14386</b>	<b>24097</b>	

Note:- Coastal cargo unloaded includes transhipment of POL crude(4650Th. Tonnes) and products(2620Th. Tonnes) moved through pipeline.

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

**Traffic Handled - Port-wise and Principal Commodity-wise - 2019-20, 2020-21 & 2021-22**

(’000 Tonnes)

Deendayal

Commodity	2019-20						2020-21						2021-22					
	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	40097	0	40097	4300	0	4300	34423	0	34423	4086	0	4086	39473	0	39473	2683	0	2683
POL Products	1959	10382	12341	1477	3555	5032	1739	8519	10258	578	3521	4099	10	8904	8914	757	4474	5231
Fertiliser	4584	0	4584	0	0	0	4918	0	4918	0	0	0	4338	0	4338	2	0	2
FRM - Dry	66	0	66	0	0	0	156	0	156	0	0	0	245	0	245	0	0	0
FRM - Liquid	1943	0	1943	0	0	0	1917	0	1917	0	0	0	2100	0	2100	0	0	0
Food Grains	328	0	328	0	0	0	328	904	1231	0	0	0	4	5435	5439	11	0	11
Iron & Steel	661	132	792	209	23	232	533	1057	1590	48	0	48	379	392	771	167	136	303
Iron Scrap	303	0	303	0	0	0	176	0	176	0	0	0	0	0	0	0	0	0
Sugar	648	843	1491	0	0	0	1044	1355	2400	0	0	0	199	2611	2810	0	0	0
Veg. Oil	4462	159	4621	0	0	0	4021	175	4196	0	0	0	4318	203	4521	0	0	0
Salt	0	6153	6153	36	336	371	0	4052	4052	0	450	450	0	3358	3358	0	995	995
Coking Coal	1038	0	1038	2	0	2	971	0	971	0	0	0	548	92	640	0	8	8
Thermal Coal	16760	0	16760	61	0	61	18620	0	18620	2	0	2	19557	217	19774	0	41	41
Cement	0	0	0	0	0	0	0	0	0	0	0	0	13	37	50	0	0	0
Iron Ore/Pellets	269	0	269	482	0	482	226	0	226	150	0	150	549	43	592	172	0	172
Other Ore	0	155	155	0	51	51	0	132	132	0	62	62	51	182	233	0	591	591
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	148	888	1036	561	5370	5931	674	1639	2313	715	5251	5966	1416	1849	3265	627	4728	5355
Others	8271	5596	13867	39	261	300	6949	7889	14837	8	282	289	10285	4270	14555	24	606	630
<b>Total</b>	<b>81537</b>	<b>24308</b>	<b>105845</b>	<b>7166</b>	<b>9596</b>	<b>16762</b>	<b>76694</b>	<b>25721</b>	<b>102414</b>	<b>5586</b>	<b>9566</b>	<b>15152</b>	<b>83485</b>	<b>27593</b>	<b>111078</b>	<b>4443</b>	<b>11579</b>	<b>16022</b>

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

**Traffic Handled - Port-wise and Principal Commodity-wise - 2019-20, 2020-21 & 2021-22**

Commodity	('000 Tonnes)																		All Ports
	2019-20						2020-21						2021-22						
	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	131563	114	131677	18132	3684	21816	115246	0	115246	10506	10856	20976	123162	0	123162	9756	9918	19674	
POL Products	8677	21948	30625	20928	16588	37516	6392	17078	23470	13860	17512	31372	4889	20388	25277	15617	19464	35081	
Fertiliser	9296	244	9540	15	0	15	10381	0	10381	0	0	0	7487	0	7487	6	0	6	
FRM - Dry	6532	47	6579	20	0	20	7555	11	7566	0	0	0	8577	21	8598	0	0	0	
FRM - Liquid	5634	0	5634	0	16	16	6087	63	6150	29	0	29	6090	55	6145	93	107	200	
Food Grains	403	2	405	0	1	1	347	1209	1555	0	0	0	6	7006	7012	22	0	22	
Iron & Steel	3903	3676	7579	1082	511	1594	2520	8497	11017	604	82	686	2701	7939	10640	616	407	1023	
Iron Scrap	312	0	312	0	0	0	185	0	185	0	0	0	90	0	90	0	0	0	
Sugar	648	912	1560	0	0	0	1044	1646	2691	0	0	0	199	3500	3699	0	0	0	
Veg. Oil	11386	159	11545	0	0	0	9860	175	10035	6	35	41	10857	216	11073	6	17	23	
Salt	0	6153	6153	237	336	572	0	4052	4052	212	450	662	0	3358	3358	365	995	1360	
Coking Coal	38766	17	38783	1146	180	1326	33405	0	33405	616	26	642	35620	92	35712	425	76	501	
Thermal Coal	38511	0	38511	15884	24376	40260	33390	0	33390	15064	20427	35491	34776	217	34993	21109	30931	52040	
Cement	296	100	396	3583	18	3601	128	68	196	2898	33	2931	13	71	84	2623	5	2628	
Iron Ore/Pellets	1386	27031	28417	9797	17467	27264	461	43906	44367	9974	9990	19964	682	18939	19621	9915	22700	32615	
Other Ore	2878	1364	4242	28	180	208	4347	871	5218	61	117	178	6310	1466	7776	0	689	689	
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Chemicals	695	68	763	0	0	0	1160	162	1322	0	0	0	938	387	1325	0	0	0	
Container	68791	57478	126269	10332	10259	20592	60295	60905	121200	11302	11208	22510	72240	73472	145712	10513	11157	21669	
Others	77758	18413	96171	2088	2875	4963	73930	19960	93890	2008	9858	11866	77790	19176	96967	2228	1565	3793	
<b>Total</b>	<b>407435</b>	<b>137726</b>	<b>545161</b>	<b>83273</b>	<b>76491</b>	<b>159764</b>	<b>366733</b>	<b>158602</b>	<b>525335</b>	<b>66754</b>	<b>80594</b>	<b>147347</b>	<b>392428</b>	<b>156303</b>	<b>548731</b>	<b>73293</b>	<b>98030</b>	<b>171323</b>	

Source: Major Ports.

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

Port	2019-20 (%)			2020-21 (%)			2021-22 (%)		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
<b>MAJOR PORTS</b>	<b>11.5</b>	<b>3.6</b>	<b>9.5</b>	<b>10.1</b>	<b>3.5</b>	<b>8.1</b>	<b>8.2</b>	<b>3.9</b>	<b>7.0</b>
Deendayal	8.1	3.0	6.9	5.4	2.4	4.7	0.0	0.0	0.0
Mumbai	23.0	6.2	21.5	22.6	12.3	21.6	17.0	3.3	15.2
J.N.P.T.	0.9	0.3	0.7	0.5	0.01	0.3	1.0	0.3	0.6
Mormugao	3.1	2.6	3.0	1.2	1.8	1.5	1.5	2.0	1.6
New Mangalore	21.6	6.2	17.4	25.8	11.5	22.8	14.1	5.4	11.6
Cochin	32.3	27.0	31.6	27.3	27.2	27.3	21.4	38.3	24.0
V.O.Chidambaranar	2.5	2.8	2.9	2.8	2.9	2.8	6.1	5.2	5.8
Chennai	10.3	0.9	6.9	16.4	7.5	13.0	17.6	7.9	13.7
Vizag	14.1	6.4	12.4	12.9	3.6	9.8	10.0	9.3	9.8
Paradip	13.6	1.9	10.9	8.1	2.8	6.4	11.2	3.4	9.5
SMP(Haldia Dock Complex )	10.3	16.7	11.4	7.8	1.2	6.5	10.2	0.9	8.9
SMP (Kolkata Dock System)	0.7	0.0	0.4	2.2	2.9	2.5	5.0	5.4	5.2
Kamarajar	3.6	0.0	2.9	3.4	0.0	2.7	2.9	0.0	2.0
<b>NON-MAJOR PORTS</b>	<b>3.7</b>	<b>2.9</b>	<b>3.8</b>	<b>3.1</b>	<b>2.7</b>	<b>3.0</b>	<b>4.3</b>	<b>2.3</b>	<b>3.8</b>
<b>All Ports</b>	<b>7.7</b>	<b>3.2</b>	<b>6.6</b>	<b>6.6</b>	<b>3.2</b>	<b>5.6</b>	<b>6.3</b>	<b>3.1</b>	<b>5.4</b>

Table 2.1.5

## Container Traffic Handled at Major Ports - Type-Wise - 2019-20, 2020-21 &amp; 2021-22

(Nos.)

Type	Deendayal			MUMBAI			JAWAHARLAL NEHRU**		
	2019-20	2020-21	2021-22	2019-20	2020-21	2021-22	2019-20	2020-21	2021-22
1	2	3	4	5	6	7	8	9	10
<b>IMPORT</b>	<b>221998</b>	<b>254879</b>	<b>243495</b>	<b>25848</b>	<b>23938</b>	<b>21821</b>	<b>2505830</b>	<b>2304616</b>	<b>2802920</b>
20'	208496	231821	219813	1520	834	547	942624	820662	905394
40'	6751	11529	11841	12164	11552	10637	781603	741977	948763
Stuffed	9651	37355	72845	25583	23579	21660	2192714	1823790	2117154
20'	8603	35991	62561	1309	625	440	892106	687720	760888
40'	524	682	5142	12137	11477	10610	650304	568035	678133
Empty	212347	217524	170650	265	359	161	313116	480826	685766
20'	199893	195830	157252	211	209	107	50518	132942	144506
40'	6227	10847	6699	27	75	27	131299	173942	270630
<b>EXPORT</b>	<b>219759</b>	<b>255122</b>	<b>242892</b>	<b>288</b>	<b>42</b>	<b>40</b>	<b>2403239</b>	<b>2262994</b>	<b>2784709</b>
20'	206395	230594	221974	174	2	4	868361	811612	899377
40'	6682	12264	10459	57	20	18	767439	725691	942666
Stuffed	219171	249023	236042	20	2	12	1838802	1912785	2393135
20'	206229	225173	216132	10	0	2	618516	695767	766279
40'	6471	11925	9955	5	1	5	610143	608509	813428
Empty	588	6099	6850	268	40	28	564437	350209	391574
20'	166	5421	5842	164	2	2	249845	115845	133098
40'	211	339	504	52	19	13	157296	117182	129238
<b>TRANSHIP-MENT</b>	<b>5151</b>	<b>4503</b>	<b>5600</b>	<b>578</b>	<b>678</b>	<b>390</b>	<b>122118</b>	<b>109221</b>	<b>96930</b>
20'	2311	2825	1344	284	434	246	30854	26707	25998
40'	1420	839	2128	147	122	72	45632	41257	35466
Stuffed	2085	2747	1330	578	678	390	92809	95780	91454
20'	1485	2077	1006	284	434	246	25277	23340	24530
40'	300	335	162	147	122	72	33766	36220	33462
Empty	3066	1756	4270	0	0	0	29309	13441	5476
20'	826	748	338	0	0	0	5577	3367	1468
40'	1120	504	1966	0	0	0	11866	5037	2004
<b>TOTAL</b>	<b>446908</b>	<b>514504</b>	<b>491987</b>	<b>26714</b>	<b>24658</b>	<b>22251</b>	<b>5031187</b>	<b>4676831</b>	<b>5684559</b>
20'	417202	465240	443131	1978	1270	797	1841839	1658981	1830769
40'	14853	24632	24428	12368	11694	10727	1594674	1508925	1926895
Stuffed	230907	289125	310217	26181	24259	22062	4124325	3832355	4601743
20'	216317	263241	279699	1603	1059	688	1535899	1406827	1551697
40'	7295	12942	15259	12289	11600	10687	1294213	1212764	1525023
Empty	216001	225379	181770	533	399	189	906862	844476	1082816
20'	200885	201999	163432	375	211	109	305940	252154	279072
40'	7558	11690	9169	79	94	40	300461	296161	401872

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 - 2019-20, 2020-21 & 2021-22**

(Nos.)

Type	MORMUGAO**			NEW MANGALORE**			COCHIN**		
	2019-20	2020-21	2021-22	2019-20	2020-21	2021-22	2019-20	2020-21	2021-22
1	2	3	4	5	6	7	8	9	10
<b>IMPORT</b>	<b>16593</b>	<b>11290</b>	<b>6826</b>	<b>78047</b>	<b>76017</b>	<b>75838</b>	<b>292632</b>	<b>301667</b>	<b>289952</b>
20'	9717	6312	3216	51789	49827	45010	173820	174921	156196
40'	3438	2489	1805	13129	13095	15414	59406	63373	66878
Stuffed	14403	9860	5420	66003	61926	59754	259757	253897	219584
20'	9707	6232	3016	45953	41346	36258	168495	168843	146074
40'	2348	1814	1202	10025	10290	11748	45631	42527	36755
Empty	2190	1430	1406	12044	14091	16084	32875	47770	70368
20'	10	80	200	5836	8481	8752	5325	6078	10122
40'	1090	675	603	3104	2805	3666	13775	20846	30123
<b>EXPORT</b>	<b>15203</b>	<b>10753</b>	<b>7229</b>	<b>75304</b>	<b>74428</b>	<b>76646</b>	<b>291246</b>	<b>301269</b>	<b>289466</b>
20'	8937	6253	3557	50204	49162	47350	173266	175057	156546
40'	3133	2250	1836	12550	12633	14648	58990	63106	66460
Stuffed	5831	5911	4536	31510	37229	42883	134812	146352	167186
20'	2121	2329	1386	19654	21319	22741	41724	46254	53826
40'	1855	1791	1575	5928	7955	10071	46544	50049	56680
Empty	9372	4842	2693	43794	37199	33763	156434	154917	122280
20'	6816	3924	2171	30550	27843	24609	131542	128803	102720
40'	1278	459	261	6622	4678	4577	12446	13057	9780
<b>TRANSHIP-MENT</b>	<b>65</b>	<b>65</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>36183</b>	<b>86761</b>	<b>156159</b>
20'	59	59	0	0	0	0	20557	36829	90889
40'	3	3	0	0	0	0	7813	24966	32635
Stuffed	65	65	0	0	0	0	28384	70061	112595
20'	59	59	0	0	0	0	16942	26885	73447
40'	3	3	0	0	0	0	5721	21588	19574
Empty	0	0	0	0	0	0	7799	16700	43564
20'	0	0	0	0	0	0	3615	9944	17442
40'	0	0	0	0	0	0	2092	3378	13061
<b>TOTAL</b>	<b>31861</b>	<b>22108</b>	<b>14055</b>	<b>153351</b>	<b>150445</b>	<b>152484</b>	<b>620061</b>	<b>689697</b>	<b>735577</b>
20'	18713	12624	6773	101993	98989	92360	367643	386807	403631
40'	6574	4742	3641	25679	25728	30062	126209	151445	165973
Stuffed	20299	15836	9956	97513	99155	102637	422953	470310	499365
20'	11887	8620	4402	65607	62665	58999	227161	241982	273347
40'	4206	3608	2777	15953	18245	21819	97896	114164	113009
Empty	11562	6272	4099	55838	51290	49847	197108	219387	236212
20'	6826	4004	2371	36386	36324	33361	140482	144825	130284
40'	2368	1134	864	9726	7483	8243	28313	37281	52964

\*\* includes reefers

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

**Container Traffic Handled at Major Ports - Type-Wise - 2019-20 , 2020-21 & 2021-22**

(Nos.)

Type	V.O.CHIDAMBANAR**			CHENNAI**			VISAKHAPATNAM**		
	2019-20	2020-21	2021-22	2019-20	2020-21	2021-22	2019-20	2020-21	2021-22
1	2	3	4	5	6	7	8	9	10
<b>IMPORT</b>	<b>379685</b>	<b>365679</b>	<b>381234</b>	<b>769671</b>	<b>684596</b>	<b>772782</b>	<b>202016</b>	<b>235286</b>	<b>260791</b>
20'	109881	108639	105101	339423	293864	294240	155182	158692	165077
40'	134902	128520	138067	215124	195366	239271	23417	38297	47857
Stuffed	314814	294366	242874	720655	625997	691108	152935	146946	168835
20'	99924	96852	75215	314927	268931	264576	123437	99832	107569
40'	107445	98757	83830	202864	178533	213266	14749	23557	30633
Empty	64871	71313	138360	49016	58599	81674	49081	88340	91956
20'	9957	11787	29886	24496	24933	29664	31745	58860	57508
40'	27457	29763	54237	12260	16833	26005	8668	14740	17224
<b>EXPORT</b>	<b>381583</b>	<b>368458</b>	<b>379064</b>	<b>614300</b>	<b>605529</b>	<b>697631</b>	<b>194854</b>	<b>240191</b>	<b>248711</b>
20'	111061	109512	103177	272458	254381	269631	151353	163171	162395
40'	135261	129473	137944	170921	175574	214000	21751	38510	43158
Stuffed	287635	289353	331640	409675	438874	508317	166420	209265	217461
20'	69991	62689	71466	160671	170156	185765	140776	156757	155559
40'	108822	113332	130087	124502	134359	161276	12822	26254	30951
Empty	93948	79105	47424	204625	166655	189314	28434	30926	31250
20'	41070	46823	31711	111787	84225	83866	10577	6414	6836
40'	26439	16141	7857	46419	41215	52724	8929	12256	12207
<b>TRANSHIP-MENT</b>	<b>42451</b>	<b>28142</b>	<b>21161</b>	<b>0</b>	<b>96801</b>	<b>131906</b>	<b>12079</b>	<b>5595</b>	<b>2292</b>
20'	35637	24098	18171	0	81409	95956	8548	2609	1000
40'	3407	2022	1495	0	7696	17975	1766	1493	646
Stuffed	18342	7845	2993	0	79778	122518	12078	5449	1820
20'	14652	6277	2451	0	68970	90588	8547	2599	1000
40'	1845	784	271	0	5404	15965	1766	1425	410
Empty	24109	20297	18168	0	17023	9388	1	146	472
20'	20985	17821	15720	0	12439	5368	1	10	0
40'	1562	1238	1224	0	2292	2010	0	68	236
<b>TOTAL</b>	<b>803719</b>	<b>762279</b>	<b>781458</b>	<b>1383971</b>	<b>1386926</b>	<b>1602319</b>	<b>408949</b>	<b>481072</b>	<b>511794</b>
20'	256579	242249	226448	611881	629654	659827	315083	324472	328472
40'	273570	260015	277505	386045	378636	471246	46933	78300	91661
Stuffed	620791	591564	577506	1130330	1144649	1321943	331433	361660	388116
20'	184567	165818	149131	475598	508057	540929	272760	259188	264128
40'	218112	212873	214188	327366	318296	390507	29337	51236	61994
Empty	182928	170715	203952	253641	242277	280376	77516	119412	123678
20'	72012	76431	77317	136283	121597	118898	42323	65284	64344
40'	55458	47142	63318	58679	60340	80739	17597	27064	29667

\*\* includes reefers

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

**Container Traffic Handled at Major Ports - Type-Wise - 2019-20, 2020-21 & 2021-22**

(Nos.)

Type	PARADIP			SMP HALDIA		
	2019-20	2020-21	2021-22	2019-20	2020-21	2021-22
1	2	3	4	5	6	7
<b>IMPORT</b>	<b>5803</b>	<b>7562</b>	<b>4168</b>	<b>83623</b>	<b>68169</b>	<b>70003</b>
20'	5803	7344	4168	48543	41377	40421
40'	0	109	0	17540	13396	14791
Stuffed	3028	3023	2136	82942	64102	60042
20'	3028	3015	2136	48174	37902	35120
40'	0	4	0	17384	13100	12461
Empty	2775	4539	2032	681	4067	9961
20'	2775	4329	2032	369	3475	5301
40'	0	105	0	156	296	2330
<b>EXPORT</b>	<b>5701</b>	<b>8555</b>	<b>5638</b>	<b>85700</b>	<b>81310</b>	<b>95409</b>
20'	5701	8249	5608	51110	51616	60885
40'	0	153	15	17295	14847	17262
Stuffed	5691	8164	5526	45757	60834	83745
20'	5691	7866	5502	30601	39624	54351
40'	0	149	12	7578	10605	14697
Empty	10	391	112	39943	20476	11664
20'	10	383	106	20509	11992	6534
40'	0	4	3	9717	4242	2565
<b>TRANSHIP-MENT</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
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
<b>TOTAL</b>	<b>11504</b>	<b>16117</b>	<b>9806</b>	<b>169323</b>	<b>149479</b>	<b>165412</b>
20'	11504	15593	9776	99653	92993	101306
40'	0	262	15	34835	28243	32053
Stuffed	8719	11187	7662	128699	124936	143787
20'	8719	10881	7638	78775	77526	89471
40'	0	153	12	24962	23705	27158
Empty	2785	4930	2144	40624	24543	21625
20'	2785	4712	2138	20878	15467	11835
40'	0	109	3	9873	4538	4895

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

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

**Container Traffic Handled at Major Ports - Type-Wise - 2019-20, 2020-21 & 2021-22**

(Nos.)

Type	SMP KOLKATA			KAMARAJAR		
	2019-20	2020-21	2021-22	2019-20	2020-21	2021-22
1	2	3	4	5	6	7
<b>IMPORT</b>	<b>340752</b>	<b>273407</b>	<b>299525</b>	<b>94162</b>	<b>103659</b>	<b>225604</b>
20'	170868	135639	142801	24970	36523	72374
40'	84942	68884	78362	34596	33568	76615
Stuffed	319132	248963	266018	94030	86241	176501
20'	162694	121157	125182	24852	34967	66319
40'	78219	63903	70418	34589	25637	55091
Empty	21620	24444	33507	132	17418	49103
20'	8174	14482	17619	118	1556	6055
40'	6723	4981	7944	7	7931	21524
<b>EXPORT</b>	<b>334687</b>	<b>264471</b>	<b>270258</b>	<b>32232</b>	<b>70026</b>	<b>233782</b>
20'	163673	131447	117758	7860	27134	69848
40'	85507	66512	76250	12186	21446	81967
Stuffed	228329	216067	225114	15917	60175	218451
20'	131183	115253	104708	4675	18813	62919
40'	48573	50407	60203	5621	20681	77766
Empty	106358	48404	45144	16315	9851	15331
20'	32490	16194	13050	3185	8321	6929
40'	36934	16105	16047	6565	765	4201
<b>TRANSHIP-MENT</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10590</b>	<b>115872</b>	<b>110292</b>
20'	0	0	0	3530	38624	36764
40'	0	0	0	3530	38624	36764
Stuffed	0	0	0	1765	19312	18382
20'	0	0	0	1095	7108	12914
40'	0	0	0	335	6102	2734
Empty	0	0	0	0	5020	2248
20'	0	0	0	0	2240	1092
40'	0	0	0	0	1390	578
<b>TOTAL</b>	<b>675439</b>	<b>537878</b>	<b>569783</b>	<b>128159</b>	<b>198017</b>	<b>480016</b>
20'	334541	267086	260559	33925	73005	156228
40'	170449	135396	154612	47117	62506	161894
Stuffed	547461	465030	491132	111712	165728	413334
20'	293877	236410	229890	30622	60888	142152
40'	126792	114310	130621	40545	52420	135591
Empty	127978	72848	78651	16447	32289	66682
20'	40664	30676	30669	3303	12117	14076
40'	43657	21086	23991	6572	10086	26303

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

**Container Traffic Handled at Major Ports - Type-Wise - 2019-20, 2020-21& 2021-22**

(Nos.)

Type	ALL PORTS		
	2019-20	2020-21	2021-22
1	2	3	4
<b>IMPORT</b>	<b>5016660</b>	<b>4710765</b>	<b>5454958.5</b>
20'	2242636	2066455	2154357.5
40'	1387012	1322155	1650300.5
Stuffed	4255647	3680045	4103930.5
20'	1903209	1603413	1685353.5
40'	1176219	1038316	1209288.5
Empty	761013	1030720	1351028
20'	339427	463042	469004
40'	210793	283839	441012
<b>EXPORT</b>	<b>4654096</b>	<b>4543148</b>	<b>5331474.5</b>
20'	2070553	2018190	2118109.5
40'	1291772	1262479	1606682.5
Stuffed	3389570	3634034	4434047.5
20'	1431842	1562000	1700635.5
40'	978864	1036017	1366706
Empty	1264526	909114	897427
20'	638711	456190	417474
40'	312908	226462	239976.5
<b>TRANSHIP-MENT</b>	<b>220390</b>	<b>356098</b>	<b>435068</b>
20'	99345	184318	247610
40'	60522.5	85890	93729
Stuffed	156106	281715	351482
20'	68341	137749	206182
40'	43882.5	71983	72650
Empty	64284	74383	83586
20'	31004	46569	41428
40'	16640	13907	21079
<b>TOTAL</b>	<b>9891146</b>	<b>9610011</b>	<b>11221501</b>
20'	4412534	4268963	4520077
40'	2739306	2670524	3350712
Stuffed	7801323	7595794	8889460
20'	3403392	3303162	3592171
40'	2198966	2146316	2648644.5
Empty	2089823	2014217	2332041
20'	1009142	965801	927906
40'	540341	524208	702067.5

Source: Major Ports

Table 2.1.6

## Overseas Cargo of Principal Commodities Unloaded by Country - 2021-22

Country of Origin/Commodities	(In '000 Tonnes)														ALL PORTS
	SMP(KDS)	SMP(HDC)	PPT	VPT	KPL	ChPT	V.O.C	CoPT	NMPT	MoPT	JNPT	MbPT	DPT		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
<b>POL-CRUDE</b>															
Angola			1285			255		139	268					1947	
Algeria												613	266	879	
Argentina														0	
Australia														0	
Benin														0	
Brunei		42	137	159								201		539	
CIS (Ex Russia)														0	
Denmark														0	
Egypt			66										200	266	
Indonesia														0	
Iran													8600	8600	
Iraq			6483	1037		3162		3026	3119			1909	8600	27336	
Ivory Coast														0	
Kuwait			416					792	1707			980		3895	
Liberia								320						320	
Libya									84					84	
Malaysia			255	327					82			392		1057	
Mauritius														0	
Netherland														0	
Nigeria			6656	767		913			543				1847	10726	
Oman								1588						1588	
Pakistan														0	
Qatar								202					471	673	
Russia			140					2084						2223	
Saudi Arabia			3269	2436				2831	3773			5315	13546	31171	
Singapore			264											264	
South Korea														0	
South Africa									137				4500	4637	
Sudan														0	
Syria														0	
Tunisia														0	
Turkey			278											278	
U.A.E.			5207	871				1773	1187			2782		11821	
Ukraine				124										124	
Venezuela														0	
Yemen														0	
Other Countries			4562	145		3047		2101	462			2976	1442	14734	
<b>Total</b>	<b>0</b>	<b>42</b>	<b>29017</b>	<b>5866</b>	<b>0</b>	<b>7377</b>	<b>0</b>	<b>14857</b>	<b>11362</b>	<b>0</b>	<b>0</b>	<b>15168</b>	<b>39473</b>	<b>123162</b>	

Table 2.1.6

## Overseas Cargo of Principal Commodities Unloaded by Country - 2021-22

(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
<b>POL-PRODUCT</b>														
Bahrain												6		6
Belgium												40		40
Bangladesh														0
Canada														0
China				30								8		38
France														0
Hong Kong														0
Indonesia				15							2	5		22
Iran												42		42
Iraq							121	9						129
Japan			62									131		193
North Korea														0
South Korea			2								103	815		920
Kuwait		40		69										109
Malaysia		14	87			80		14			8			202
Maldives											23			23
Netherland														0
Norway														0
Oman							25					142		166
Pakistan														0
Qatar		115		416							21	47		598
Russia			131											131
Saudi Arabia												143		143
Singapore		16	108	76	17	111		27	17		87	77		536
Taiwan												37		37
Thailand			9								4	10		23
Turkey												1		1
Tunisia														0
U.A.E.		367		87			53	30		0	38	201		776
USA								150			123	60		333
Other Countries	59	26		54		156	12					103	10	419
<b>Total</b>	<b>59</b>	<b>578</b>	<b>400</b>	<b>746</b>	<b>17</b>	<b>347</b>	<b>210</b>	<b>230</b>	<b>17</b>	<b>0</b>	<b>408</b>	<b>1868</b>	<b>10</b>	<b>4890</b>

Table 2.1.6

## Overseas Cargo of Principal Commodities Unloaded by Country - 2021-22

(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
<b>FERTILIZER</b>														
Albania														0
Australia													52	52
Baharain													133	133
Belarus														0
Brazil														0
Canada		134					19		0					153
China	58		214	179					92	11		97	588	1238
CIS (Ex. Russia)														0
Egypt									48				74	122
Estonia														0
Ethopia														0
Germany														0
Indonesia				20										20
Iran														0
Israel							130		28				194	352
Jordan			17							25		20	391	453
Kuwait														0
Latvia														0
Lithuania		48		165			88		85			172	632	1188
Malaysia				7										7
Mexico														0
Morocco			61										28	88
Netherland														0
Oman									47				1076	1123
Qatar				139									404	543
Romania														0
Russia				251			78		29					358
Saudi Arabia							27		56	27			266	376
Singapore													151	151
South Korea				3					11			20		34
Soviet Union														0
Sri Lanka														0
Thailand														0
Tunisia														0
Turkey				18										18
U.A.E.				173									185	358
Ukraine													47	47
United Kingdom				25										25
USA														0
Other Countries	218		98	203					12				117	648
<b>Total</b>	<b>276</b>	<b>181</b>	<b>389</b>	<b>1182</b>	<b>0</b>	<b>0</b>	<b>342</b>	<b>0</b>	<b>408</b>	<b>63</b>	<b>0</b>	<b>308</b>	<b>4338</b>	<b>7488</b>

Table 2.1.6

## Overseas Cargo of Principal Commodities Unloaded by Country - 2021-22

(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
<b>FRM-DRY</b>														
Algeria				396		20		27						443
Antigua														0
Australia														0
Bahrain														0
Brunoi														0
Belgium														0
Chile						20								20
China														0
Denmark														0
Egypt		103	52	51		42	22		87			130		486
Iran														0
Israel				8										8
Italy													36	36
Japan				37			94						61	192
Jordan		216	2084	35					34			32		2400
Kuwait			73				58							131
Libya														0
Morocco			1146	122										1267
Nauru							97							97
Qatar		16	398	161				82						658
Russia			71											71
Saudi Arabia			190											190
Senegal														0
South Africa				47										47
Sri Lanka														0
Sudan														0
Syria														0
Togo				386			201	210						797
Tunisia														0
U.A.E.			197											197
USA			591											591
Ukraine														0
Vietnam														0
Yemen														0
Other Countries	30	40		250		186	290						149	946
<b>Total</b>	<b>30</b>	<b>375</b>	<b>4802</b>	<b>1492</b>	<b>0</b>	<b>268</b>	<b>763</b>	<b>319</b>	<b>120</b>	<b>0</b>	<b>0</b>	<b>162</b>	<b>245</b>	<b>8577</b>

Table 2.1.6

## Overseas Cargo of Principal Commodities Unloaded by Country - 2021-22

(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
<b>FRM-LIQUID</b>														
Australia				3										3
Bahrain			88											88
Bangladesh		14	50	18				8						90
Belgium													83	83
Egypt			58	7			5							70
Germany														0
Indonesia			57	34			7							97
Iran			59											59
Israel														0
Japan			190	260										450
Jordan													1018	1018
Kuwait														0
Malaysia			2					7						9
Mauritius														0
Morocco		115	265	20					95	108	244		58	906
Oman			31	5									62	98
Qatar		63	88	93			80		58				54	436
Russia				4										4
Saudi Arabia			157	8			12						108	285
Senegal		165											658	823
Singapore														0
South Africa		5		11										17
South Korea		11	225	296										532
Tunisia				4										4
USA														0
U.A.E.				51			15							65
U.K								8						8
Ukraine			197										54	251
Other Countries		7	179	172		10	7	271	47				5	697
<b>Total</b>	<b>0</b>	<b>380</b>	<b>1645</b>	<b>985</b>	<b>0</b>	<b>10</b>	<b>125</b>	<b>294</b>	<b>199</b>	<b>108</b>	<b>244</b>	<b>0</b>	<b>2100</b>	<b>6090</b>

Table 2.1.6

## Overseas Cargo of Principal Commodities Unloaded by Country - 2021-22

Country of Origin/Commodities	(In '000 Tonnes)														ALL PORTS
	SMP(KDS)	SMP(HDC)	PPT	VPT	KPL	ChPT	V.O.C	CoPT	NMPT	MoPT	JNPT	MbPT	DPT		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
<b>FOOD GRAIN</b>															
Argentina														0	
Australia														0	
Canada														0	
China														0	
Dubai														0	
Indonesia														0	
Japan														0	
Jordan														0	
Myanmar														0	
Russia														0	
Taiwan														0	
Vietnam														0	
Others	0			2		0	0	0					4	6	
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>6</b>	
<b>IRON &amp; STEEL</b>															
Australia												13		13	
Bangladesh	1													1	
Brazil	0													0	
Belgium						1						58		59	
China	25	30				46						120	287	508	
CIS(Ex. Russia)														0	
Egypt														0	
France														0	
Germany									1			0		1	
Indonesia							7					88		95	
Iran														0	
Italy												1		1	
Japan		10				57						178		245	
North Korea														0	
South Africa														0	
South Korea			13									988		1001	
Malaysia														0	
Myanmar														0	
Netherland														0	
Panama														0	
Romania														0	
Russia												0		0	
Singapore												7		7	
Saudi Arabia														0	
Spain														0	
Sri Lanka														0	
Sweden														0	
Taiwan												6		6	
Thailand														0	
Turkey														0	
U.A.E.									1			1		1	
Ukraine														0	
UK														0	
USA														0	
Vietnam								11				6		16	
Other Countries	7			2		540							92	640	
<b>Total</b>	<b>33</b>	<b>52</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>644</b>	<b>7</b>	<b>11</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1467</b>	<b>379</b>	<b>2596</b>	

Table 2.1.6

## Overseas Cargo of Principal Commodities Unloaded by Country - 2021-22

Country of Origin/Commodities	(In '000 Tonnes)													
	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
<b>EDIBLE OIL</b>														
Algeria														0
Argentina		1045				33		6	24		206		1400	2715
Brazil			118									153	232	504
China		6												6
CIS (Ex Russia)														0
Egypt													31	31
France														0
Indonesia		418		42		285	64		321	34	335	4	940	2444
Japan														0
Macedonia														0
Maldives														0
Malaysia		572		55	26	183	216		139	19	158		1231	2600
Qatar														0
Romania									6					6
Russia			9					17	18		114			158
Singapore									9					9
Saudi Arabia														0
Spain														0
Thailand			144			46	32		11		63		119	415
Turkey			28										62	90
Ukraine			111					12	19	223	160		51	576
UAE													45	45
USA						3					13		86	102
Other Countries	404	83	0			408			17		21	140	121	1193
<b>Total</b>	<b>410</b>	<b>2528</b>	<b>97</b>	<b>26</b>	<b>0</b>	<b>958</b>	<b>341</b>	<b>25</b>	<b>767</b>	<b>53</b>	<b>1225</b>	<b>144</b>	<b>4318</b>	<b>10892</b>
<b>COAL (COKING)</b>														
Australia		6519	8678	3496	1373				107	3853				24025
Canada										941				941
China		34	637	33	63									767
CIS (Ex Russia)														0
Colombia														0
Egypt			76											76
Indonesia		176	840	129					15	29				1189
Iran														0
Japan														0
Mozambique		427	466	167									483	1543
New Zealand														0
Poland														0
Romania														0
Russia		25	2498		167					1228		290		4208
Singapore			29											29
South Africa				110		55								165
Ukraine														0
USA	106	434	143	462	220				80	882				2326
Venezuela														0
Vietnam				29										29
Other Countries	59	16	41	142									65	323
<b>Total</b>	<b>165</b>	<b>7660</b>	<b>13517</b>	<b>4428</b>	<b>1878</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>201</b>	<b>6933</b>	<b>0</b>	<b>290</b>	<b>548</b>	<b>35621</b>

**Table 2.1.6**

**Overseas Cargo of Principal Commodities Unloaded by Country - 2021-22**

(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
<b>COAL (THERMAL)</b>														0
Australia			290		459					555			8059	9364
China					456								234	691
Colombia														0
Indonesia			509		3093		0			447		5088	10415	19552
Malaysia														0
Phillipines														0
Russia														0
Singapore														0
South Africa			1819		729		0			701				3248
Spain														0
Thailand														0
USA					873									873
UAE													24	24
Ukraine													60	60
Other Countries	0		47		26					127			765	965
<b>Total</b>	<b>0</b>	<b>0</b>	<b>2665</b>	<b>0</b>	<b>5636</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1830</b>	<b>0</b>	<b>5088</b>	<b>19557</b>	<b>34776</b>
<b>IRON ORE / PELLETS</b>														
Australia			0										59	59
Bahrain														0
Brazil														0
China														0
Finland														0
Oman														0
Qatar														0
Russia														0
Senegal														0
South Africa							25						446	471
Ukraine														0
Vietnam														0
Other Countries	0											0	43	43
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>25</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>549</b>	<b>574</b>

**Table 2.1.6**

**Overseas Cargo of Principal Commodities Unloaded by Country - 2021-22**

(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
<b>OTHER ORES</b>														
Australia		183		424										607
Argentina														0
Brazil		31		20										51
Canada														0
Chile														0
China														0
Egypt														0
Gabon		991		985										1976
Ghana														0
Indonesia														0
Iran														0
Japan														0
Malaysia														0
Maxico														0
Mozambique							21							21
Oman														0
Peru														0
Phillipines														0
Saudi Arabia														0
South Africa		1349	162	1566										3076
Thailand							15							15
Turkey														0
UAE														0
USA				31										31
Other Countries	0		167	283			31						51	531
<b>Total</b>	<b>0</b>	<b>2554</b>	<b>329</b>	<b>3309</b>	<b>0</b>	<b>0</b>	<b>67</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>51</b>	<b>6309</b>

Table 2.1.7

## Overseas Cargo of Principal Commodities Loaded by Country ( Port-wise) - 2021-22

(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
<b>POL-PRODUCT</b>														
Australia			62						277					339
Argentina								89	38					128
Bangladesh			376			106		241	72			118		913
Belgium									68					68
China			82	106		394		149	26			324		1080
Egypt														0
France									66					66
Guyan														0
Hongkong														0
Indonesia									68					68
Japan			6			73		35	35			419	1375	1943
Jakarta														0
Jordan									68					68
Kenya														0
North Korea														0
South Korea				78				62	111			26		278
Liberia														0
Malaysia			391	79				91	637			85		1283
Maldives														0
Malta														0
Mauritius			365											365
Namibia									39					39
Netherland									369					369
Oman								51	147			94		292
Pakistan												16		16
Qatar									42					42
Saudi Arabia		19							455				9	482
Singapore		54	344	181				103	563			746	32	2023
Sri Lanka			150						121			41		311
Slovenia														0
Switzerland														0
Taiwan												22		22
Tanzania														0
U.A.E.			84					14	647	0		267	632	1642
Ukraine														0
USA		19	109											129
Vietnam														0
Yemen												34		34
Yugoslavia														0
Other Countries	1		12			351		247	832			85	6857	8385
<b>Total</b>	<b>1</b>	<b>92</b>	<b>1982</b>	<b>445</b>	<b>0</b>	<b>924</b>	<b>0</b>	<b>1081</b>	<b>4681</b>	<b>0</b>	<b>0</b>	<b>2278</b>	<b>8904</b>	<b>20387</b>

**Table 2.1.7  
(Contd.)**

**Overseas Cargo of Principal Commodities Loaded by Country ( Port-wise) - 2021-22**

(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
<b>FOOD GRAIN</b>														
Australia														0
Bangladesh	791	19		9.788									1383	2203
Canada														0
China	2													2
Ethopia														0
France														0
Indonesia													175	175
Iran														0
Italy														0
Japan														0
Kuwait														0
Malaysia														0
Maldives							0							0
Mozambique													168	168
Oman													104	104
Saudi Arabia													111	111
Singapore								15						15
Somalia													253	253
Sudan													52	52
Taiwan														0
Thailand								69						69
U.A.E.													58	57.796
Vietnam				16									427	443.261
Other Countries	11	32		584	0							20	2703	3350.908
<b>Total</b>	<b>805</b>	<b>51</b>	<b>0</b>	<b>611</b>	<b>0</b>	<b>84</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20</b>	<b>5435</b>	<b>7005</b>

**Table 2.1.7  
Contd.**

**Overseas Cargo of Principal Commodities Loaded by Country ( Port-wise) - 2021-22**

(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
<b>IRON &amp; STEEL</b>														
Algeria												17		17
Bangladesh	182	23	14			15						0		234
Belgium			49	51					32			421		553
Brazil												0		0
China	5	118	283	90									47	542
CIS														0
Indonesia		63	45	73		6								187
Iran														0
Italy			201	244	48	38			94			165		790
Japan	0					9								9
Kenya						1								1
Kuwait														0
Malaysia		75	11			10								97
Maldives							7	0						7
Myanmar	0	5	20	13										38
Oman		10	13									0		23
Philippines		46	14	53										113
Qatar				8										8
Saudi Arabia		29		12								13	61	115
South Korea		8	29		87									123
Singapore		15	172	63		164						1		415
Spain		17	22		30							68		136
Sri Lanka	3	15												18
Sudan														0
Taiwan			63	30	12									105
Tanzania						2						3	113	119
Thailand		52	70	100		67								290
U.A.E.			79	144	40							25		288
United Kingdom				22								144		165
USA		69		5	27	51				93		61	127	434
Vietnam		108	728		61							86		983
Other Countries		134	771	218	149	389		0	15			408	44	2129
<b>Total</b>	<b>191</b>	<b>786</b>	<b>2585</b>	<b>1125</b>	<b>454</b>	<b>752</b>	<b>7</b>	<b>0</b>	<b>141</b>	<b>93</b>	<b>0</b>	<b>1413</b>	<b>392</b>	<b>7940</b>

**Table 2.1.7  
Contd.**

**Overseas Cargo of Principal Commodities Loaded by Country ( Port-wise) - 2021-22**

(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
<b>IRON ORE</b>														
Bangladesh														0
China		736	9379	1744						2359				14219
Itlay			79						940					1019
Japan										79				79
Kuwait														0
Malaysia			139	24					164					326
South Korea			89						167					257
Netherlands														0
Pakistan														0
Phillipines														0
Romania														0
Saudi Arabia														0
U.A.E.										172				172
United Kingdom														0
Vietnam			61											61
Other Countries	0		924	866					826	49				2664
<b>Total</b>	<b>0</b>	<b>736</b>	<b>10671</b>	<b>2634</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2097</b>	<b>2658</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>18795</b>

**Table 2.1.7  
(Contd.)**

**Overseas Cargo of Principal Commodities Loaded by Country ( Port-wise) - 2021-22**

(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
<b>OTHER ORES</b>														
Banagladesh														0
Balgaria														0
Belgium													8	8
Brazil														0
China			115										145	260.063
France														0
Indonesia				111		8								119
Iran														0
Iraq														0
Italy														0
Japan				11										11
Kuwait														0
Poland													20	20
Singapore						45								45
Spain														0
South Korea			72											72
Maldives														0
Malaysia						24								24
Mexico														0
Netherlands														0
Nigeria														0
Qatar				7										7
Saudi Arabia													10	10
South Africa														0
Tanzania														0
Thailand														0
USA				57		158								215
Other Countries			9	43		615								668
<b>Total</b>	<b>0</b>	<b>0</b>	<b>197</b>	<b>229</b>	<b>0</b>	<b>850</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>182</b>	<b>1458</b>

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

Port	Container Cargo			Tare Weight			Container Traffic		
	2019-20	2020-21	2021-22	2019-20	2020-21	2021-22	2017-18	2018-19	2021-22
1	2	3	4	5	6	7	8	9	10
Deendayal	6967	7262	7642	0	1017	978	6967	8279	8620
Mumbai	246	215	201	44	39	37	291	254	238
J.L.Nehru	50121	47766	57015	10819	9979	12078	60940	57746	69092
Mormugao	345	257	152	73	50	32	418	307	184
N.Mangalore	1952	1972	1989	326	319	321	2277	2291	2310
Cochin	7173	7902	8531	1455	1649	1747	8628	9550	10278
V.O.Chidambanar	14833	13503	14355	1603	1520	1550	16436	15023	15905
Chennai	22519	22575	26047	4191	4193	4878	26710	26768	30925
Visakhapatnam	7559	7912	7441	1091	267	1142	8649	8178	8583
Paradip	196	243	163	25	36	21	222	279	184
SMP (Haldia Dock Complex)	2678	2609	3005	354	318	348	3032	2927	3353
SMP (Kolkata Dock System)*	8365	7109	7245	1402	1128	1196	9767	8237	8441
Kamarajar	2268	3485	7979	256	386	1290	0	3871	9269
<b>Total</b>	<b>125223</b>	<b>122809</b>	<b>141764</b>	<b>21638</b>	<b>20901</b>	<b>25617</b>	<b>144337</b>	<b>143710</b>	<b>167382</b>

\* 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: Major Ports

**Table 2.1.9 Reefer Container Traffic at Major Ports - 2020-21 & 2021-22**

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)	2020-21	781	0	6515	0	678	0	6720	0
	2021-22	723	0	8234	0	683	0	8353	0
SMP (Haldia Dock Complex)	2020-21	0	-	19	-	1	-	50	-
	2021-22	0	-	0	-	1	-	35	-
Paradip	2020-21	-	-	-	-	-	-	-	-
	2021-22	-	-	-	-	-	-	-	-
Visakhapatnam	2020-21	237	0	15496	0	536	0	11678	0
	2021-22	59	0	17012	0	567	0	13058	0
Chennai	2020-21	1561	0	9477	0	1250	0	3655	0
	2021-22	1524	0	12103	0	1147	0	4916	0
V.O. Chidambaranar	2020-21	249	0	3298	0	56	0	170	0
	2021-22	171	0	3563	0	78	0	323	0
Cochin	2020-21	692	0	8930	0	728	0	8865	0
	2021-22	360	0	10937	0	507	0	22495	0
New Mangalore	2020-21	67	0	2490	0	13	0	1567	0
	2021-22	19	0	2436	0	10	0	2651	0
Mormugao	2020-21	9	0	644	0	8	0	628	0
	2021-22	4	0	411	0	3	0	287	0
J.L.Nehru	2020-21	4452	0	72292	0	4953	0	93839	0
	2021-22	4566	0	91069	0	4476	0	102469	0
Mumbai	2020-21	-	-	-	-	-	-	-	-
	2021-22	-	-	-	-	-	-	-	-
Deendayal	2020-21	0	0	98	0	1	0	68	0
	2021-22	0	0	0	0	0	0	0	0
Kamarajar	2020-21	123	-	1363	-	182	-	1118	-
	2021-22	446	-	7503	-	434	-	8157	-
Total	2019-20	8171	0	120622	0	8406	0	128358	0
	2021-22	7872	0	153268	0	7906	0	162744	0

Source: Major Ports

Table 2.1.10

## Level of Containerisation in General Cargo at various Major Ports - 2020-21 &amp; 2021-22

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
<b>DEENDAYAL</b>									
2020-21	6890	1389	8279	11889	4414	16302	58.0	31.5	50.8
2021-22	6577	2043	8620	13138	5500	18638	50.1	37.1	46.2
<b>MUMBAI</b>									
2020-21	6	248	254	762	1802	2564	0.8	13.8	9.9
2021-22	4	234	238	1795	2566	4361	0.2	9.1	5.5
<b>J. L. NEHRU</b>									
2020-21	28282	29464	57746	28282	29464	57746	100.0	100.0	100.0
2021-22	34292	34800	69092	34292	34800	69092	100.0	100.0	100.0
<b>MORMUGAO</b>									
2020-21	97	201	298	1914	211	2125	5.1	95.3	14.0
2021-22	70	114	184	2003	114	2117	3.5	100.0	8.7
<b>NEW MANGALORE</b>									
2020-21	802	1489	2291	952	1776	2728	84.2	83.8	84.0
2021-22	900	1410	2310	1290	1612	2902	69.8	87.5	79.6
<b>COCHIN</b>									
2020-21	2960	6590	9550	3057	6650	9707	96.8	99.1	98.4
2021-22	3816	6462	10278	3887	6502	10390	98.2	99.4	98.9
<b>V.O. CHIDAMBARANAR</b>									
2020-21	8169	6854	15023	9105	7010	16115	89.7	97.8	93.2
2021-22	8292	7613	15905	9524	7789	17313	87.1	97.7	91.9
<b>CHENNAI</b>									
2020-21	12604	14164	26768	14206	14886	29092	88.7	95.1	92.0
2021-22	14738	16187	30925	15945	17214	33159	92.4	94.0	93.3
<b>VISAKHAPATNAM</b>									
2020-21	4942	3236	8178	6513	3478	9991	75.9	93.0	81.9
2021-22	4983	3600	8583	7218	4025	11243	69.0	89.4	76.3
<b>PARADIP</b>									
2020-21	184	95	279	3245	134	3379	5.7	70.9	8.3
2021-22	121	63	184	3273	102	3375	3.7	62.1	5.5
<b>SMP (KOLKATA DOCK SYSTEM)</b>									
2020-21	4120	4117	8237	4364	4771	9135	94.4	86.3	90.2
2021-22	4162	4279	8441	5300	4780	10080	78.5	89.5	83.7
<b>SMP (HALDIA DOCK COMPLEX)</b>									
2020-21	1462	1465	2927	2878	1575	4453	50.8	93.0	65.7
2021-22	1972	1381	3353	2843	1548	4391	69.4	89.2	76.4
<b>KAMARAJAR</b>									
2020-21	1596	2275	3871	2745	2570	5315	58.1	88.5	72.8
2021-22	4702	4567	9269	6847	4719	11566	68.7	96.8	80.1
<b>TOTAL</b>									
2020-21	72113	71588	143701	89911	78741	168653	80.2	90.9	85.2
2021-22	84629	82753	167382	107357	91271	198628	78.8	90.7	84.3

\* Includes tare weight also

Source: Major Ports

Table 2.1.11

## Inland Container Movement At Major Ports - 2020-21 &amp; 2021-22

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)	2020-21	0	...	0	...	0	...	0	...	0	0
	2021-22	7842	...	5770	...	20943	...	49887	...	84442	0
SMP(Haldia Dock Complex)	2020-21	16086	287036	65173	1173328	12704	253479	55420	911691	149383	2625534
	2021-22	18398	329098	76961	1641246	18667	390792	51336	990459	165362	3351595
Paradip	2020-21									0	0
	2021-22			5638	109021			4168	54592	9806	163613
Visakhapatnam	2020-21	39420	866976	203637	4075289	14251	314628	223764	2921556	481072	8178449
	2021-22	41305	923417	208553	4059343	33015	637018	228921	2963025	511794	8582802
Chennai	2020-21	29948		245692		434630		628581		1338851	0
	2021-22	28789		439564		45768		432830		946951	0
V.O. Chidambaranar	2020-21	0	0	0	0	0	0	0	-	0	0
	2021-22	0	0	0	0	0	0	0	-	0	0
New Mangalore	2020-21	180	408	74248	801483	1396	3254	74621	1485779	150445	2290924
	2021-22	798	1968	75848	898371	1147	2558	74691	1407004	152484	2309901
Cochin	2020-21	4840	33393	294488	2269695	4930	34147	294797	5899822	599055	8237057
	2021-22	2994	64774	284556	2503908	3168	22410	284871	5193846	575589	7784938
Mormugao	2020-21			10753	96989	0	0	11290	210080	22043	307069
	2021-22			7229	70415	0	0	6826	113026	14055	183441
J.L.Nehru(a)	2020-21	409738	5802066	1720854	20888667	409753	6743387	1709765	21870244	4250110	55304364
	2021-22	460456	7372304	2271478	+5251609.74	471887	7050940	2208962	26944512	5412783	41367756
Mumbai	2020-21			381				5773		6154	0
	2021-22			6				2835		2841	0
Deendayal	2020-21	1387	3677	242056	1371437	3386	95541	238352	6797697	485181	8268352
	2021-22	1863	20789	247232	2017476	3335	90751	239557	6486298	491987	8615314
Kamarajar	2020-21	3818	49726	66208	614064	6391	91588	97272	1245236	173689	2000614
	2021-22	6206	167601	145390	926106	6431	173661	142252	2745464	300279	4012832
<b>Total</b>	2020-21	<b>505417</b>	<b>7043282</b>	<b>2923490</b>	<b>31290952</b>	<b>887441</b>	<b>7536024</b>	<b>3339635</b>	<b>41342105</b>	<b>7655983</b>	<b>87212363</b>
	2021-22	<b>568651</b>	<b>8879951</b>	<b>3768225</b>	<b>12225886</b>	<b>604361</b>	<b>8368130</b>	<b>3727136</b>	<b>46898225</b>	<b>8668373</b>	<b>76372192</b>

Source: Major Ports

Table 2.1.12

## Inland Container Depot Movement at Major Ports - 2020-21 &amp; 2021-22

(TEUs)

PORT	2020-21				2021-22			
	ICD Movement			Total Container Traffic	ICD Movement			Total Container Traffic
	Moved in	Moved out	Total		Moved in	Moved out	Total	
1	6	7	8	9	6	7	8	9
SMP(Kolkata Dock System)	0	0	0	537878	0	0	0	569783
SMP(Haldia Dock Complex )	8690	5342	14032	149479	9752	8229	17981	165412
Paradip	-	-	-	16117	-	-	-	9806
Visakhapatnam	39420	238015	277435	481072	249858	261936	511794	511794
Chennai	73088	51018	124106	1386926	72641	38713	111354	1602319
V.O. Chidambaran	0	0	0	762279	0	0	0	781458
Cochin	4840	4930	9770	689697	2994	3168	6162	735577
New Mangalore	0	0	0	150445	0	0	0	152484
Mormugao	0	0	0	22108	0	0	0	14055
J.L.Nehru	361885	406716	768601	4676831	385104	476476	861580	5684559
Mumbai	0	0	0	24658	0	0	0	22251
Deendayal	95542	3852	99394	514504	1309938	90751	1400689	491987
Kamarajar	12898	10309	23207	198017	24403	14365	38768	480016
<b>All Ports</b>	<b>596363</b>	<b>720182</b>	<b>1316545</b>	<b>9610011</b>	<b>2054690</b>	<b>893638</b>	<b>2948328</b>	<b>11221501</b>

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

Table 2.1.13

## Selected Physical Performance Indicators - By Type of Vessels - 2020-21 &amp; 2021-22

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
<b>1. No. of vessels sailed</b>						
2020-21	2138	3335	7259	2106	5533	20371
2021-22	2241	3012	7693	2224	5807	20977
<b>2. Av. pre-berthing waiting time(Hourss)</b>						
2020-21	11.52	30.00	73.68	32.88	10.08	24.96
2021-22	8.58	14.41	28.62	25.86	7.67	18.82
<b>3. Av. turn round time (Hours)*</b>						
2020-21	52.32	79.68	43.68	87.84	31.20	52.32
2021-22	52.02	69.25	46.20	105.69	34.90	53.34
<b>4. Percentage of idle time at berth to time at working berth (Hours)</b>						
2020-21	24.2	34.4	30.9	37.1	20.9	29.7
2021-22	15.3	29.8	27.5	32.6	21.2	26.4
<b>5. Av. Output per ship berth day (tonnes)</b>						
2020-21	29330	18738	19838	4349	26640	19171
2021-22	30300	19533	25272	3938	29194	21002

\*:- 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 - 2020-21 & 2021-22**

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
<b>1. No. of vessels sailed</b>														
2020-21	1027	2137	2051	2040	706	1315	1203	1097	1237	444	2490	1591	3033	20371
2021-22	989	1958	2007	1939	863	1444	1000	1194	1293	431	2837	1855	3167	20977
<b>2. Av. pre-berthing waiting time ( In hours)</b>														
2020-21	12.18	65.07	6.24	1.20	1.93	0.00	12.00	15.36	26.16	30.24	21.84	2.40	67.44	24.96
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
<b>3. Av. turn round time (In hours)#</b>														
2020-21	51.01	69.79	58.08	66.00	42.96	51.36	40.80	35.76	47.52	57.84	28.56	49.68	62.16	52.32
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
<b>4. Percentage of Idle time at berth to time at working berth (In hours)</b>														
2020-21	57.8	55.6	14.1	34.0	11.5	28.0	20.5	35.9	23.1	18.0	12.8	44.0	18.0	29.7
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
<b>5. Av. Output per ship berth day (tonnes)</b>														
2020-21	8210	14243	30224	17238	23945	20331	19302	30915	19048	24305	27711	23659	10467	19171
2021-22	7424	14589	33635	16069	24292	20152	19994	31513	19627	18872	29418	20053	18975	21002

\*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 2020-21 &amp; 2021-22

Port	Type of Vessel											
	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (Conv.)		Liquid Bulk		All Types	
	2020-21	2021-22	2020-21	2021-22	2020-21	2021-22	2020-21	2021-22	2020-21	2021-22	2020-21	2021-22
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Kolkata Dock System</b>	677	682	163	142	0	0	79	54	108	111	1027	989
<b>Haldia Dock Complex</b>	317	264	91	77	105	104	680	539	944	974	2137	1958
<b>Paradip</b>	48	43	134	135	811	794	564	510	494	525	2051	2007
<b>Visakhapatnam</b>	309	274	116	164	329	309	630	577	656	615	2040	1939
<b>Kamarajar</b>	107	153	104	130	218	306	11	9	266	265	706	863
<b>Chennai</b>	604	706	239	265	0	0	87	67	385	406	1315	1444
<b>V.O. Chidambaranar</b>	454	415	289	109	136	161	167	162	157	153	1203	1000
<b>Cochin</b>	563	615	23	28	98	96	7	8	406	447	1097	1194
<b>New Mangalore</b>	179	167	98	124	164	164	74	68	722	770	1237	1293
<b>Mormugao</b>	36	27	71	92	133	167	126	63	78	82	444	431
<b>J.L.Nehru</b>	1811	2103	53	66	51	52	0	0	575	616	2490	2837
<b>Mumbai</b>	0	0	325	431	0	0	295	327	971	1097	1591	1855
<b>Deendayal</b>	428	358	400	461	93	88	615	628	1497	1632	3033	3167
<b>All Ports</b>	<b>5533</b>	<b>5807</b>	<b>2106</b>	<b>2224</b>	<b>2138</b>	<b>2241</b>	<b>3335</b>	<b>3012</b>	<b>7259</b>	<b>7693</b>	<b>20371</b>	<b>20977</b>

Source: Major Ports

Table 2.1.16

**Average Pre-berthing Detention By Type of Vessels - 2020-21 & 2021-22**

(In Hours)

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2020-21	2021-22	2020-21	2021-22	2020-21	2021-22	2020-21	2021-22	2020-21	2021-22	2020-21	2021-22
1	3	3	5	5	7	7	9	9	11	11	13	13
SMP Kolkata Dock Syst	13.68	15.62	8.40	12.01	0.00	-	0.48	0.21	17.76	19.98	12.24	14.75
SMP Haldia Dock Comp	28.08	14.57	62.40	35.13	43.20	19.63	83.76	14.66	62.40	36.00	65.04	31.10
Paradip	1.20	1.79	2.88	2.04	2.64	1.10	16.80	5.54	1.44	1.62	6.24	2.44
Visakhapatnam	1.20	0.66	1.44	0.82	1.44	0.83	1.20	0.91	0.96	0.80	1.20	0.90
Kamarajar	2.88	0.27	0.72	0.68	1.68	1.09	0.24	1.22	1.92	0.97	1.92	0.85
Chennai	0.00	0.00	0.09	0.00	0.00	0.00	16.56	0.69	2.16	0.09	0.00	0.07
V.O.Chidambanar	4.80	5.08	17.28	18.87	23.28	12.99	15.60	20.10	8.88	13.76	12.00	11.63
Cochin	9.36	7.39	4.80	6.00	7.44	17.31	1.44	37.12	26.40	15.06	15.36	11.23
New Mangalore	0.48	0.01	5.52	6.03	11.04	17.63	4.56	4.75	41.04	42.43	26.16	28.54
Mormugao	5.28	2.59	54.48	28.10	62.40	26.37	4.32	4.07	6.72	8.68	30.24	18.85
J.L.Nehru	5.76	6.22	10.08	20.08	15.84	16.87	0.00	0.00	66.48	74.59	21.84	21.58
Mumbai	0.00	0.00	0.48	0.22	0.00	0.00	0.00	0.00	3.84	1.51	2.40	0.95
Deendayal	44.16	27.92	127.92	98.96	26.40	43.20	45.84	44.53	258.96	56.03	67.44	56.42
<b>All Ports</b>	<b>10.08</b>	<b>7.67</b>	<b>32.88</b>	<b>25.86</b>	<b>11.52</b>	<b>8.58</b>	<b>30.00</b>	<b>14.41</b>	<b>73.68</b>	<b>28.62</b>	<b>24.96</b>	<b>18.82</b>

Source: Major Ports

Table 2.1.17

## Average Turn Round Time - By Type Of Vessels - 2020-21 &amp; 2021-22

(In Hours)

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2020-21	2021-22	2020-21	2021-22	2020-21	2021-22	2020-21	2021-22	2020-21	2021-22	2020-21	2021-22
1	2	3	4	5	6	7	8	9	10	11	13	13
SMP Kolkata Dock System	55.54	83.37	91.11	119.16	0.00	0.00	4.77	9.97	51.44	68.18	51.01	82.80
SMP Haldia Dock Complex	38.62	40.54	139.93	118.05	93.42	65.78	90.25	52.72	56.12	61.82	69.79	51.19
Paradip	18.00	14.86	99.36	115.37	44.88	42.34	85.44	66.76	41.04	43.44	58.08	53.16
Visakhapatnam	24.48	30.04	139.92	209.49	57.12	58.21	103.92	100.24	40.80	40.23	66.00	73.83
Kamarajar	2.64	25.76	30.72	41.56	69.84	68.15	73.20	94.89	32.16	24.58	42.96	46.38
Chennai	36.72	34.62	78.48	97.70	0.00	0.00	90.48	92.49	48.72	49.93	51.36	53.19
V.O.Chidambanar	21.84	22.55	30.24	64.76	76.32	72.57	77.52	83.10	46.08	46.54	40.80	48.54
Cochin	21.60	27.89	61.44	64.19	62.88	79.03	139.92	177.31	45.84	59.99	35.76	45.87
New Mangalore	39.12	42.60	44.64	44.23	17.76	40.44	104.40	103.29	45.84	46.48	47.52	47.99
Mormugao	35.04	34.23	109.44	114.41	91.44	68.07	17.52	35.00	14.64	30.94	57.84	63.94
J.L.Nehru	25.44	24.55	28.80	39.58	40.08	60.56	0.00	0.00	33.84	35.95	28.56	28.04
Mumbai	0.00	0.00	73.68	105.39	0.00	0.00	17.04	21.95	47.28	50.12	49.68	57.99
Deendayal	35.76	32.66	144.96	119.11	120.72	113.89	85.44	78.69	39.36	39.18	62.16	59.99
<b>All Ports</b>	<b>31.20</b>	<b>34.90</b>	<b>87.84</b>	<b>105.69</b>	<b>52.32</b>	<b>52.02</b>	<b>79.68</b>	<b>69.25</b>	<b>43.68</b>	<b>46.20</b>	<b>52.32</b>	<b>53.34</b>

Source: Major Ports

Table 2.1.18

## Percentage Of Idle Time At Working Berth To Time At Working Berth - By Type Of Vessels - 2020-21 &amp; 2021-22

(In Hours)

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2020-21	2021-22	2020-21	2021-22	2020-21	2021-22	2020-21	2021-22	2020-21	2021-22	2020-21	2021-22
1	2	3	4	5	6	7	8	9	10	11	13	13
SMP Kolkata Dock System	42.8	40.7	85.8	68.5	-	-	42.8	31.3	121.4	7.9	57.8	43.9
SMP Haldia Dock Complex	73.6	63.7	39.7	26.4	37.4	16.0	62.9	50.6	53.8	36.9	55.6	39.9
Paradip	0.0	0.0	3.3	2.9	21.0	13.9	18.6	20.2	0.0	0.0	14.1	10.9
Visakhapatnam	13.5	11.0	27.8	38.9	51.8	43.7	34.6	34.3	32.2	33.6	34.0	34.8
Kamarajar	0.0	13.4	0.0	7.9	25.2	0.0	0.0	0.0	0.0	11.0	11.5	4.7
Chennai	22.3	21.6	35.6	43.0	-	-	27.9	32.1	27.7	23.5	28.0	29.5
V.O.Chidambaranar	0.0	0.0	45.5	46.0	11.7	11.9	35.4	30.5	18.7	17.9	20.5	18.9
Cochin	22.8	21.0	37.2	41.9	24.5	20.5	79.9	45.7	49.0	34.3	35.9	28.4
New Mangalore	8.8	10.8	71.6	53.3	21.6	25.8	27.2	31.1	20.7	23.3	23.1	25.0
Mormugao	19.9	20.6	16.7	13.8	11.9	12.5	12.3	13.4	89.8	100.4	18.0	18.0
J.L.Nehru	8.4	9.0	15.3	16.6	6.4	8.5	-	-	25.4	25.2	12.8	13.5
Mumbai	-	-	61.1	61.6	-	-	51.8	59.8	34.0	35.7	44.0	48.4
Deendayal	14.4	13.6	10.6	17.6	11.9	12.4	17.0	20.5	29.9	29.9	18.0	21.6
<b>All Ports</b>	<b>20.9</b>	<b>21.2</b>	<b>37.1</b>	<b>32.6</b>	<b>24.2</b>	<b>15.3</b>	<b>34.4</b>	<b>29.8</b>	<b>30.9</b>	<b>27.5</b>	<b>29.7</b>	<b>26.4</b>

Source: Major Ports

Table 2.1.19

## Average Output Per Ship Berthday - By Type Of Vessels -2020-21 &amp; 2021-22

( Tonnes )

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2020-21	2021-22	2020-21	2021-22	2020-21	2021-22	2020-21	2021-22	2020-21	2021-22	2020-21	2021-22
1	2	3	4	5	6	7	8	9	10	11	12	13
SMP Kolkata Dock System	7981	7595	1544	693	0	0	232195	130636	5075	4921	8210	7424
SMP Haldia Dock Complex	14072	14903	4978	3751	14685	15389	18979	22441	12524	12455	14243	14589
Paradip	10748	9911	6381	5452	43407	47921	18797	23515	642	642	30224	33635
Visakhapatnam	31541	29493	3519	2691	39593	40669	11261	11886	22448	22261	17238	16069
Kamarajar (Ennore)	39456	61165	11537	10707	30972	25466	17647	18346	14279	14437	23945	24292
Chennai	36569	38121	4104	3005	0	0	12767	12591	18974	19560	20331	20152
V.O.Chidambaranar	38367	42211	38367	42211	22161	22328	15285	15303	5614	5456	19302	19994
Cochin	26754	29566	4180	2625	7988	7246	10729	7975	47260	45660	30915	31513
New Mangalore	8726	9088	3876	3566	28657	32507	13654	13936	22294	22770	19048	19627
Mormugao	6146	4866	6709	5017	21797	24409	114323	65522	12815	13098	24305	18872
J.L.Nehru	37692	40656	902	1293	5614	807420	0	0	10218	8785	27711	29418
Mumbai	0	0	3849	3800	0	0	109378	93207	23729	23999	23659	20053
Deendayal	17910	21376	3817	4355	0	0	16952	15858	8087	35540	10467	18975
<b>All Ports</b>	<b>26640</b>	<b>29194</b>	<b>4349</b>	<b>3938</b>	<b>29330</b>	<b>30300</b>	<b>18738</b>	<b>19533</b>	<b>19838</b>	<b>25272</b>	<b>19171</b>	<b>21002</b>

Source: Major Ports

Table 2.1.20

## Commodity-wise Average Pre-Berthing Detention - 2020-21 &amp; 2021-22

(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	Deendaya I	
Commodity															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL(Crude)	2021-22	-	20.40	1.88	0.83	-	1.10	-	18.42	22.80	-	-	2.23	25.32	
	2020-21	0.00	70.02	2.09	1.10	0.00	1.17	0.00	17.55	25.90	0.00	31.95	4.32	105.30	
POL(Product)	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	
	2020-21	17.48	65.28	1.38	0.80	2.07	0.81	4.85	11.38	42.14	6.88	88.79	1.68	105.00	
LPG	2021-22	0.00	38.60	0.00	0.60	13.71	-	17.80	3.84	76.40	-	101.09	0.88	27.32	
	2020-21	0.00	65.52	0.00	0.97	1.23	0.00	7.20	15.25	73.52	0.00	105.67	11.52	93.54	
Iron Ore	2021-22	0.00	20.37	1.06	0.72	-	-	101.00	-	11.10	150.24	-	-	29.07	
	2020-21	0.00	42.72	7.86	1.19	0.00	0.00	0.00	0.00	6.36	150.24	0.00	0.00	96.28	
Coking Coal	2021-22	0.00	15.44	6.87	1.02	0.71	-	13.50	-	20.60	60.28	-	-	10.66	
	2020-21	0.00	58.88	18.50	1.25	1.26	0.00	92.32	0.00	24.00	60.28	0.00	0.00	83.07	
Thermal Coal	2021-22	0.00	6.96	0.90	0.52	1.15	-	11.00	0.00	0.00	70.34	-	-	30.38	
	2020-21	0.00	55.02	1.28	0.00	1.81	0.00	23.76	0.00	0.00	70.34	0.00	0.00	139.48	
Fertilisers & FRM	2021-22	0.00	17.77	1.50	0.65	-	1.52	16.00	34.58	4.30	14.35	-	0.00	17.10	
	2020-21	0.00	139.58	1.40	1.09	0.00	1.70	10.47	8.79	4.62	14.35	0.00	0.00	133.79	
Other Dry Bulk	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	
	2020-21	0.52	93.13	11.19	1.20	1.09	1.58	16.84	6.92	5.24	49.93	15.72	0.00	177.28	
Other Lqd. Bulk	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	
	2020-21	17.99	64.83	1.95	1.35	2.45	0.77	10.40	9.42	6.36	6.35	49.36	5.76	206.91	
General Cargo	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	
	2020-21	9.12	62.33	2.70	1.45	1.89	0.87	32.86	5.78	5.39	54.40	10.01	0.96	879.27	
Containers	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	
	2020-21	13.56	28.04	1.31	1.23	2.84	0.00	4.89	9.29	0.54	5.16	5.84	0.00	44.16	
<b>Total</b>	2021-22	<b>14.75</b>	<b>31.10</b>	<b>2.44</b>	<b>0.90</b>	<b>0.85</b>	<b>0.07</b>	<b>11.63</b>	<b>11.23</b>	<b>28.54</b>	<b>18.85</b>	<b>21.58</b>	<b>0.95</b>	<b>56.42</b>	
	2020-21	<b>12.18</b>	<b>65.07</b>	<b>6.20</b>	<b>1.20</b>	<b>1.83</b>	<b>0.00</b>	<b>12.00</b>	<b>15.28</b>	<b>26.25</b>	<b>30.22</b>	<b>21.73</b>	<b>2.45</b>	<b>67.44</b>	

Source: Major Ports

**Table 2.1.21 Commodity-wise Average Turn Round Time 2020-21 & 2021-22**

(In hours)

Port --->	Year	Kolkata Dock System\$	Haldia Dock Complex	Paradip	Visakhakhapatnam	Kamarajar	Chennai	V.O.Chidambaranar	Cochin	New Mangalore	Mormugao	J.L.Nehru	Mumbai	Deendayal	
Commodity															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL (Crude)	2021-22	-	39.79	49.24	39.72	-	43.10	0.00	49.41	44.90	-	-	49.01	77.60	
	2020-21	0.00	60.36	48.77	48.00	0.00	44.30	0.00	44.06	41.80	0.00	75.15	46.08	54.00	
POL(Product)	2021-22	49.07	38.66	40.88	42.21	147.01	51.98	53.00	48.15	37.90	34.51	39.21	74.39	41.98	
	2020-21	91.03	48.42	34.89	42.30	30.91	47.63	60.34	53.36	32.37	34.51	125.07	72.96	54.12	
LPG	2021-22	-	42.27	-	50.40	35.85	-	31.20	31.01	74.30	-	54.44	125.96	125.96	
	2020-21	0.00	48.97	0.00	49.95	36.00	0.00	29.54	30.94	83.24	0.00	150.70	139.44	55.68	
Iron Ore	2021-22	0.00	51.43	53.84	60.05	0.00	-	31.40	0.00	66.40	40.32	-	-	95.12	
	2020-21	0.00	103.02	61.10	74.98	0.00	0.00	0.00	0.00	70.65	40.32	0.00	0.00	67.33	
Coking Coal	2021-22	0.00	58.48	67.33	61.53	57.18	-	89.00	0.00	44.20	101.05	-	-	136.34	
	2020-21	0.00	89.69	89.32	65.32	54.32	0.00	82.56	0.00	47.50	101.05	0.00	0.00	65.41	
Thermal Coal	2021-22	0.00	42.10	36.23	65.74	69.44	-	80.90	0.00	0.00	78.40	-	-	109.97	
	2020-21	0.00	84.88	34.72	63.43	71.28	0.00	85.88	0.00	0.00	18.09	0.00	0.00	111.27	
Fertilisers & FRM	2021-22	245.64	61.08	61.54	139.78	0.00	52.84	87.00	182.35	111.00	112.61	-	458.60	68.53	
	2020-21	34.65	108.41	65.65	127.09	0.00	83.90	88.09	207.03	44.29	112.61	0.00	393.36	127.42	
Other Dry Bulk	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	
	2020-21	5.82	86.55	64.54	96.40	74.18	92.73	67.35	56.42	37.95	79.68	95.63	191.52	103.07	
Other Lqd. Bulk	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	
	2020-21	56.42	65.25	55.44	32.33	29.39	53.34	43.32	28.63	70.65	27.21	80.19	33.12	73.37	
General Cargo	2021-22	179.67	119.05	115.37	417.80	41.54	208.61	128.80	104.82	166.80	261.57	39.57	209.06	226.27	
	2020-21	104.17	142.02	99.50	139.86	30.69	78.47	169.86	61.39	35.28	121.73	38.42	52.32	165.90	
Containers	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	
	2020-21	55.54	38.62	18.06	24.43	2.55	36.71	21.79	39.12	39.12	35.00	25.47	0.00	35.76	
<b>Total</b>	2021-22	<b>82.80</b>	<b>51.19</b>	53.16	<b>73.83</b>	<b>46.38</b>	<b>53.19</b>	<b>48.54</b>	<b>45.87</b>	<b>47.99</b>	<b>63.94</b>	<b>28.04</b>	<b>57.99</b>	<b>59.99</b>	
	<b>2020-21</b>	<b>51.01</b>	<b>69.79</b>	58.08	<b>66.00</b>	<b>42.96</b>	<b>51.36</b>	<b>40.80</b>	<b>35.76</b>	<b>47.52</b>	<b>57.84</b>	<b>28.56</b>	<b>49.68</b>	<b>62.19</b>	

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 - 2020-21&amp; 2021-22

(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	Deendayal
Commodity														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL(Crude)	2021-22	-	10.92	0.00	8.28	-	9.79	-	11.01	8.00	-	-	11.54	11.13
	2020-21	0.00	12.12	3.94	6.34	0.00	10.22	0.00	11.10	6.29	0.00	9.09	10.56	13.25
POL(Product)	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
	2020-21	39.94	12.72	9.89	10.43	8.12	11.21	26.60	11.80	7.23	16.31	6.90	12.48	2.12
LPG	2021-22	-	10.11	-	8.40	0.29	-	6.30	1.80	8.40	-	6.11	13.95	0.00
	2020-21	0.00	10.50	0.00	8.43	11.08	0.00	6.32	1.40	8.45	0.00	5.13	14.16	1.67
Iron Ore	2021-22	0.00	15.10	12.48	19.51	...	-	6.70	-	11.90	5.04	-	-	0.49
	2020-21	0.00	26.73	17.70	24.67	0.00	0.00	0.00	0.00	12.43	5.04	0.00	0.00	1.23
Coking Coal	2021-22	0.00	11.16	11.76	10.98	0.08	-	18.50	-	9.20	10.17	-	-	0.00
	2020-21	0.00	15.31	18.83	13.15	6.32	0.00	21.52	0.00	4.92	10.17	0.00	0.00	1.28
Thermal Coal	2021-22	0.00	14.16	6.72	16.17	0.07	-	7.70	0.00	14.40	8.10	-	-	0.02
	2020-21	0.00	28.31	10.97	13.71	5.19	0.00	8.21	0.00	0.00	8.10	0.00	0.00	0.81
Fertilisers & FRM	2021-22	0.00	21.53	0.00	41.19	0.00	14.35	22.00	106.66	25.10	15.09	-	190.29	0.37
	2020-21	14.38	27.55	5.46	34.91	0.00	20.78	25.34	95.25	33.23	15.09	0.00	162.48	3.44
Other Dry Bulk	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
	2020-21	1.51	19.79	11.13	23.37	8.73	18.75	15.29	7.02	4.80	7.93	4.66	48.24	1.12
Other Lqd. Bulk	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
	2020-21	19.49	17.37	6.86	9.55	8.00	8.89	6.48	17.44	7.64	8.17	6.36	7.20	1.99
General Cargo	2021-22	68.61	21.66	0.69	112.52	0.13	57.70	38.60	58.21	56.80	28.55	5.27	73.62	5.62
	2020-21	41.72	31.93	10.75	25.59	4.15	20.22	17.39	15.32	13.84	15.33	3.49	26.16	4.70
Containers	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
	2020-21	15.26	11.56	3.50	2.72	4.26	6.50	0.12	3.47	2.55	5.67	1.70	0.00	3.35
<b>Total</b>	<b>2021-22</b>	<b>20.36</b>	<b>12.32</b>	<b>4.56</b>	<b>18.45</b>	<b>0.12</b>	<b>11.83</b>	<b>7.50</b>	<b>6.25</b>	<b>9.20</b>	<b>11.25</b>	<b>3.35</b>	<b>21.00</b>	<b>5.28</b>
	<b>2020-21</b>	<b>19.34</b>	<b>17.57</b>	<b>11.58</b>	<b>16.19</b>	<b>6.56</b>	<b>10.94</b>	<b>7.60</b>	<b>8.00</b>	<b>8.34</b>	<b>11.25</b>	<b>2.88</b>	<b>15.84</b>	<b>3.39</b>

Source: Major Ports

Table 2.1.23

## Commodity-wise Output per Ship Berth Day - 2020-21 &amp; 2021-22

(In Tonnes)

Port Commodity	Year	SMP (Kolkata Dock System)	SMP (Haldia Dock Complex)	Paradip	Visakhapatnam	Kamarajar	Chennai	V.O.Chidambaran ar	Cochin	New Mangalore	Mormugao	J.L.Nehru	Mumbai	Deendayal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL(Crude)	2021-22	-	15550	120533	77492	-	79078	-	141100	76898	-	0	73000	101488
	2020-21	-	12676	122928	65438	-	72472	-	142134	82937	-	42049	65466	99792
POL(Product)	2021-22	4506	18287	13327	13555	13898	8197	5817	19455	25697	12881	10533	9207	14304
	2020-21	3708	19515	21238	13474	19985	7657	5336	21796	24666	12881	12776	6281	19180
LPG	2021-22	-	17411	-	14515	20867	-	5372	64566	6948	0	8966	7702	8866
	2020-21	-	228	-	15110	30346	-	5273	63947	6569	0	956	6966	16285
Iron Ore	2021-22	0	24266	34303	39434	-	-	26882	0	25537	4744	-	0	15937
	2020-21	0	17281	29521	29142	-	-	0	0	24628	4744	-	0	9016
Coking Coal	2021-22	0	20176	23997	23430	28122	-	20791	0	33581	20978	-	0	3272
	2020-21	0	18860	19970	23503	32138	-	19612	0	31333	20978	-	0	8889
Thermal Coal	2021-22	0	33231	63161	28508	25170	-	20257	0	-	24510	-	0	18691
	2020-21	0	16729	74697	24826	26239	-	19730	0	-	24510	-	0	13661
Fertilisers & FRM	2021-22	0	13961	13758	8253	0	9863	13494	17451	8267	5125	-	2098	11392
	2020-21	660	8913	15045	8513	0	6366	11921	17150	9211	5125	-	2911	10107
Other Dry Bulk	2021-22	951	21432	26598	13045	18181	12984	18592	6386	12462	17085	6991	5290	12430
	2020-21	3209	19281	24260	11414	20540	14781	20163	7611	6215	17085	5612	7356	14001
Other Liquid Bulk	2021-22	5085	7935	3943	11059	2512	4922	5368	7771	7184	12696	7736	9280	23608
	2020-21	6246	8313	4047	11086	3215	4913	5679	8112	7307	12696	8123	9904	8335
General Cargo	2021-22	1037	3752	4969	2690	10685	3016	1791	2625	16799	6713	1293	3757	3753
	2020-21	1143	4978	6400	3518	13956	2488	1710	3972	18719	6710	903	3853	3437
Containers	2021-22	7595	14903	9911	29493	61165	38121	42211	29566	9088	4866	40657	0	21376
	2020-21	7981	14072	10748	31541	39456	36569	38367	26754	8726	6146	37692	0	17910
<b>Total</b>	<b>2021-22</b>	<b>7424</b>	<b>14589</b>	<b>33635</b>	<b>16069</b>	<b>24292</b>	<b>20152</b>	<b>19994</b>	<b>31513</b>	<b>19627</b>	<b>18872</b>	<b>29418</b>	<b>18872</b>	<b>18975</b>
	<b>2020-21</b>	<b>8210</b>	<b>14243</b>	<b>30224</b>	<b>17238</b>	<b>23945</b>	<b>20331</b>	<b>19302</b>	<b>30915</b>	<b>19048</b>	<b>24305</b>	<b>27711</b>	<b>23659</b>	<b>10467</b>

Source: Major Ports

**Table 2.1.24****Average Pre-berthing Detention on Port & Non Port Account -Major Port-wise -2020-21 & 2021-22**

(In hours)

Port	2020-21			2021-22		
	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	12.18	0.40	11.78	14.75	1.10	13.65
Haldia Dock Complex	65.07	3.17	61.89	2.71	0.13	2.58
Paradip	6.20	6.20	0.00	26.41	2.41	24.00
Visakhapatnam	1.15	1.15	0.00	0.90	0.90	0.00
Kamarajar	0.85	0.00	0.85	0.85	0.00	0.85
Chennai	0.00	0.00	0.00	0.00	0.00	0.00
V.O. Chidambaranar	12.00	3.43	8.57	11.63	4.10	7.54
Cochin	15.28	0.00	15.28	11.23	0.00	11.23
New Mangalore	26.25	12.54	13.71	28.54	12.18	16.36
Mormugao	30.22	2.75	27.47	18.85	2.69	16.16
J.L.Nehru	21.73	6.34	15.38	21.58	8.07	13.51
Mumbai	2.45	0.95	1.50	0.95	0.35	0.60
Deendayal	67.36	17.32	50.04	56.42	22.98	33.43
<b>All Ports</b>	<b>24.87</b>	<b>5.54</b>	<b>19.33</b>	<b>18.96</b>	<b>6.14</b>	<b>12.81</b>

Source: Major Ports

Tabel 2.1.25

## Reason-wise, Major Port-wise Average Pre-berthing Detention - 2021-22

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
<b>SMP(Kolkata Dock System)</b>											
1.	Container	682	0.09	-	0.81	-	-	3.35	-	14.69	18.93
2.	Break Bulk	142	0.34	-	1.22	-	-	1.66	-	8.79	12.01
3.	Dry Bulk(C)	54	-	-	-	-	-	0.00	-	0.21	0.21
4.	Liquid Bulk	111	-	-	1.88	-	-	0.22	-	17.66	19.75
	<b>Total</b>	<b>989</b>	<b>0.11</b>	<b>-</b>	<b>0.94</b>	<b>-</b>	<b>-</b>	<b>2.57</b>	<b>-</b>	<b>11.08</b>	<b>14.70</b>
<b>SMP (Haldia Dock Complex )</b>											
1.	Container	264	0.09	-	-	-	-	0.28	-	0.23	0.61
2.	Break Bulk	77	46.64	-	-	-	-	0.50	-	0.50	47.63
3.	Dry Bulk(M)	104	0.22	-	-	-	-	0.34	-	0.26	0.82
4.	Dry Bulk(C)	539	0.10	-	-	-	-	0.12	-	0.37	0.60
5.	Liquid Bulk	974	0.39	-	-	0.00	0.00	0.74	-	0.36	1.50
	<b>Total</b>	<b>1958</b>	<b>0.27</b>	<b>-</b>	<b>-</b>	<b>0.00</b>	<b>0.00</b>	<b>0.48</b>	<b>-</b>	<b>0.35</b>	<b>1.10</b>
<b>Paradip</b>											
1.	Container	43	-	-	-	-	-	-	-	1.79	1.79
2.	Break Bulk	135	0.96	-	-	-	-	-	-	1.08	2.04
3.	Dry Bulk(M)	794	0.13	-	-	-	-	-	-	0.98	1.10
4.	Dry Bulk (C)	510	3.59	-	-	-	-	-	-	1.95	5.54
5.	Liquid Bulk	525	0.48	-	-	-	-	-	-	1.14	1.62
	<b>Total</b>	<b>2007</b>	<b>1.15</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1.29</b>	<b>2.44</b>
<b>Visakhapatnam</b>											
1.	Container	274	-	-	-	-	-	-	-	0.91	0.91
2.	Break Bulk	164	-	-	-	-	-	-	-	1.43	1.43
3.	Dry Bulk(M)	309	-	-	-	-	-	-	-	0.83	0.83
4.	Dry Bulk(C)	577	-	-	-	-	-	-	-	0.91	0.91
5.	Liquid Bulk	615	-	-	-	-	-	-	-	0.80	0.80
	<b>Total</b>	<b>1939</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.90</b>	<b>0.90</b>

(M) Mechanised. (C) Conventional.

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

**Reason-wise, Major Port-wise Average Pre-berthing Detention - 2021-22**

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
<b>Kamarajar*</b>											
1.	Container	153	-	-	0.01	-	-	0.26	-	-	0.27
2.	Break Bulk	130	-	-	0.00	-	-	0.68	-	-	0.69
3.	Dry Bulk(M)	306	-	-	0.00	-	-	1.09	-	-	1.09
4.	Dry Bulk(C)	9	-	-	-	-	-	1.22	-	-	1.22
5.	Liquid Bulk	265	-	-	0.00	-	-	0.97	-	-	0.97
	<b>Total</b>	<b>863</b>	<b>-</b>	<b>-</b>	<b>0.00</b>	<b>-</b>	<b>-</b>	<b>0.85</b>	<b>-</b>	<b>-</b>	<b>0.85</b>
<b>Chennai</b>											
1.	Container	706	-	-	-	0.62	-	-	-	-	0.62
2.	Break Bulk	265	-	-	-	0.87	-	-	-	-	0.87
3.	Dry Bulk(M)	0	-	-	-	-	-	-	-	-	-
4.	Dry Bulk(C)	67	-	-	-	1.43	-	-	-	-	1.43
5.	Liquid Bulk	406	-	-	-	0.82	-	-	-	-	0.82
	<b>Total</b>	<b>1444</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.76</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.76</b>
<b>V.O. Chidambaranar</b>											
1.	Container	415	0.00	-	-	-	-	0.21	-	-	0.21
2.	Break Bulk	109	0.10	-	-	-	0.00	-	-	0.68	0.79
3.	Dry Bulk(M)	161	0.40	-	-	-	0.02	-	-	0.13	0.54
4.	Dry Bulk(C)	162	0.43	-	-	-	0.01	0.01	-	0.38	0.84
5.	Liquid Bulk	153	0.12	-	0.00	-	0.00	0.01	-	0.43	0.57
	<b>Total</b>	<b>1000</b>	<b>0.16</b>	<b>-</b>	<b>0.00</b>	<b>0.00</b>	<b>0.01</b>	<b>0.10</b>	<b>-</b>	<b>0.22</b>	<b>0.49</b>
<b>Cochin</b>											
1.	Container	615	-	-	-	-	-	6.35	-	1.04	7.39
2.	Break Bulk	28	-	-	-	-	-	4.24	-	1.76	6.00
3.	Dry Bulk(M)	96	-	-	-	-	-	15.93	-	1.38	17.31
4.	Dry Bulk(C)	8	-	-	-	-	-	37.12	-	-	37.12
5.	Liquid Bulk	447	-	-	-	-	-	14.73	-	0.34	15.06
	<b>Total</b>	<b>1194</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>10.41</b>	<b>-</b>	<b>0.81</b>	<b>11.23</b>

(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 - 2021-22**

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
<b>New Mangalore</b>											
1.	Container	167	0.37	-	-	-	-	0.19	-	1.02	1.58
2.	Break Bulk	124	0.89	-	-	-	-	0.30	-	2.10	3.29
3.	Dry Bulk(M)	164	9.87	-	-	-	-	6.37	-	1.40	17.63
4.	Dry Bulk(C)	68	1.57	-	-	-	-	0.35	-	2.82	4.75
5.	Liquid Bulk	770	17.98	-	-	-	-	23.66	-	0.79	42.43
	<b>Total</b>	<b>1293</b>	<b>12.18</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>15.23</b>	<b>-</b>	<b>1.13</b>	<b>28.54</b>
<b>Mormugao</b>											
1.	Container	27	0.00	-	-	-	-	0.00	-	2.59	2.59
2.	Break Bulk	92	5.90	-	-	-	-	19.68	-	2.52	28.10
3.	Dry Bulk(M)	167	0.00	-	-	-	-	25.78	-	0.58	26.37
4.	Dry Bulk(C)	63	3.02	-	-	-	-	0.16	-	2.48	5.66
5.	Liquid Bulk	82	5.20	-	-	-	-	0.55	1.26	1.66	8.67
	<b>Total</b>	<b>431</b>	<b>2.69</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>22.68</b>	<b>0.24</b>	<b>1.60</b>	<b>27.21</b>
<b>J.L.Nehru</b>											
1.	Container	2103	0.21	0.00	0.02	0.04	0.02	0.00	-	5.89	6.17
2.	Break Bulk	66	-	0.00	0.01	0.01	0.00	0.00	-	20.67	20.69
3.	Dry Bulk(M)	52	-	0.00	0.02	0.01	-	-	-	16.83	16.86
4.	Dry Bulk(C)	-	-	-	-	-	-	-	-	-	0.00
5.	Liquid Bulk	616	-	0.01	0.06	0.05	0.05	0.00	-	74.43	74.59
	<b>Total</b>	<b>2837</b>	<b>0.15</b>	<b>0.00</b>	<b>0.02</b>	<b>0.04</b>	<b>0.02</b>	<b>0.00</b>	<b>-</b>	<b>21.30</b>	<b>21.55</b>
<b>Mumbai</b>											
1.	Container	0	-	-	-	-	-	-	-	-	0.00
2.	Break Bulk	431	-	-	-	-	-	-	-	0.22	0.22
3.	Dry Bulk(C)	327	-	-	-	-	-	-	-	12.04	12.04
4.	Liquid Bulk	1097	0.58	-	-	-	-	-	-	1.44	2.03
	<b>Total</b>	<b>1855</b>	<b>0.35</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3.03</b>	<b>3.37</b>
<b>Deendayal</b>											
1.	Container	358	-	-	-	-	-	-	-	22.51	22.51
2.	Break Bulk	461	-	-	-	-	-	-	-	104.11	104.11
3.	Dry Bulk(M)	88	-	-	-	-	-	-	-	41.18	41.18
4.	Dry Bulk(C)	628	-	-	-	-	-	-	-	37.05	37.05
5.	Liquid Bulk	1632	-	-	-	-	-	-	-	55.06	55.06
	<b>Total</b>	<b>3167</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>54.57</b>	<b>54.57</b>

(M) Mechanised. (C) Conventional

Source: Major Ports

Table 2.1.26

## Average Berth Occupancy For Major-Ports-2010-11 to 2021-22

Port	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
1	3	4	5	6	7	8	9	10	11	12	13	14
DEENDAYAL	69.7	70.5	73.6	72.4	75.0	71.2	71.2	71.4	77.9	69.1	76.7	79.0
MUMBAI	63.9	57.2	50.8	42.1	46.8	46.5	37.6	36.8	36.8	32.2	26.9	36.2
J.L. NEHRU	73.5	71.4	58.3	57.8	65.7	67.0	66.7	70.4	59.3	50.3	49.1	51.1
MORMUGAO	79.2	79.2	46.7	30.0	33.5	54.1	64.3	55.0	57.5	84.8	49.4	53.1
NEW MANGALORE	46.5	48.6	49.1	45.1	36.7	38.5	40.4	44.2	41.0	40.3	38.2	39.8
COCHIN	70.3	74.9	71.9	58.1	52.0	53.6	45.0	38.8	43.0	58.5	39.7	38.2
V.O. CHIDAMBARANAR	70.5	84.5	83.0	74.0	69.1	70.1	73.3	61.2	44.9	47.7	44.0	49.7
CHENNAI	63.6	62.5	57.4	49.5	52.0	48.3	50.6	53.8	53.1	44.6	35.9	44.1
KAMARAJAR	42.5	33.1	40.0	67.0	73.3	75.9	69.6	54.8	54.8	45.7	41.1	53.8
VISAKHAPATNAM	73.2	73.6	68.7	61.9	66.2	52.0	54.4	53.8	54.4	57.1	59.0	63.8
PARADIP	73.6	63.6	66.4	80.0	79.3	66.8	66.5	71.5	68.4	73.4	73.9	65.5
SMP (HALDIA DOCK COMPLEX)	78.6	70.6	68.0	68.5	65.5	72.9	68.9	73.4	67.4	66.5	69.7	53.4
SMP (KOLKATA DOCK SYSTEM)	68.3	64.2	64.8	62.0	60.7	59.7	61.2	71.7	71.4	68.9	36.2	58.8

Source:-Major Ports

Table 2.1.27

## Performance of Cargo Handling Equipments of Major Ports -

2019-20, 2020-21 &amp; 2021-22

( In Percent

Sl. No.	Name Of The Port	Equipment	2019-20		2020-21		2021-22	
			% Avail-ability	% Utili-sation	% Avail-ability	% Utili-sation	% Avail-ability	% Utili-sation
1	2	3	6	7	8	9	8	9
1.	<b>Deendayal</b>	Wharf Crane	-	-	30	30	97	22
		Mobile Crane	-	-	30	30	72	36
		Forklift Truck	-	-				
2.	<b>Mumbai</b>	Wharf Crane	73	11	92	23	-	-
		Mobile Crane	32	22	0	0	-	-
		Forklift Truck	72	16	65	1	-	-
3.	<b>Mormugao</b>	Wharf Crane	97	30	99	0	-	-
		Mobile Crane	90	10	77	4	-	-
		Forklift Truck	87	15	96	15	-	-
4.	<b>N.Mangalore</b>	Wharf Crane	89	54	90	37	64	30
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	97	3	97	3	94	3
5.	<b>Cochin</b>	Wharf Crane	-	-	-	-	-	-
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	93	34	95	48	95	48
6.	<b>V.O. Chidambaranar</b>	Wharf Crane	96	11	95	10	94	7
		Mobile Crane	-	-	99	23	99	33
		Forklift Truck	-	-	-	-	-	-
7.	<b>Chennai</b>	Wharf Crane	-	-	-	-	-	-
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	-	-	-	-	-	-
8.	<b>Visakhapatanam</b>	Wharf Crane	98	8	100	6	100	7
		Mobile Crane	-	-	-	-	95	2
		Forklift Truck	-	-	-	-	95	22
9.	<b>Paradip</b>	Wharf Crane	-	-	-	-	-	-
		Mobile Crane	79	79	64	64	60	60
		Forklift Truck	-	-	-	-	-	-
10.	<b>SMP Kolkata Dock System</b>	Wharf Crane	1	1	-	-	-	-
		Mobile Crane	6	6	-	-	-	-
		Forklift Truck	68	68	-	-	-	-
11.	<b>SMP Haldia Dock Complex</b>	Wharf Crane	-	-	-	-	-	-
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	-	-	-	-	-	-

(-) Indicates that either full data or the equipment itself is not available for/at the port.

Table 2.1.28

## Availability And Utilisation Of Container Handling Equipments - Major Ports - 2020-21 &amp; 2021-22

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)	2020-21	-	-	-	-	-	-	-	-
	2021-22	-	-	-	-	-	-	-	-
SMP (Haldia Dock Complex)	2020-21	-	-	-	-	4	96.8	16.4	15.8
	2021-22	-	-	-	-	4	94.9	15.5	14.7
Paradip	2020-21	-	-	-	-	3	74.3	2.6	0.0
	2021-22	-	-	-	-	-	90.2	7.9	7.1
Visakhapatnam	2020-21	6	91.0	45.5	41.4	10	94.1	60.5	56.9
	2021-22	6	91.8	49.8	45.7	10	94.7	64.0	60.6
Chennai	2020-21	7	91.0	56.0	51.0	22	95.0	62.0	58.0
	2021-22	7	97.0	43.0	40.0	22	97.0	44.0	43.0
V.O. Chidamabaranar	2020-21	3	88.0	60.0	52.0	9	94.0	64.0	60.0
	2021-22	3	84.0	34.0	29.0	8	89.0	31.0	26.0
Cochin	2020-21	4	93.5	57.5	53.7	15	96.7	62.7	60.6
	2021-22	4	92.6	69.1	64.0	15	95.2	67.7	64.4
New Mangalore	2020-21	-	-	-	-	-	-	-	-
	2021-22	-	-	-	-	-	-	-	-
Mormugao	2020-21	-	-	-	-	-	-	-	-
	2021-22	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2020-21	9*	97.6	33.8	33.0	27	98.9	28.1	27.8
	2021-22	4	92.2	45.5	42.0	0	0.0	0.0	0.0
Mumbai	2020-21	-	-	-	-	-	-	-	-
	2021-22	-	-	-	-	-	-	-	-
Deendayal	2020-21	4	95.6	72.0	68.9	4	93.9	63.8	63.8
	2021-22	4	95.4	5.4	5.2	4	96.3	4.2	4.1

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

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

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

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

(a) Relates to JNPCTonly.

**Table 2.1.28  
(Contd.)**

**Availability And Utilisation Of Container Handling Equipments - Major Ports - 2020-21 & 2021-22**

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)	2020-21	1	-	-	-	1	-	-	-
	2021-22	-	-	-	-	-	-	-	-
SMP (Haldia Dock Complex)	2020-21	-	-	-	-	-	-	-	-
	2021-22	-	-	-	-	-	-	-	-
Paradip	2020-21	-	-	-	-	-	-	-	-
	2021-22	-	97.5	7.3	7.1	-	-	-	-
Visakhapatnam	2020-21	-	-	-	-	-	-	-	-
	2021-22	-	-	-	-	-	-	-	-
Chennai	2020-21	1+45	-	-	-	1	-	-	-
	2021-22	1	-	-	-	1	-	-	-
V.O. Chidamabaranar	2020-21	8	95.0	55.0	53.0	-	-	-	-
	2021-22	12	91.0	34.0	31.0	-	-	-	-
Cochin	2020-21	-	-	-	-	-	-	-	-
	2021-22	-	-	-	-	-	-	-	-
New Mangalore	2020-21	-	-	-	-	-	-	-	-
	2021-22	-	-	-	-	-	-	-	-
Mormugao	2020-21	-	-	-	-	-	-	-	-
	2021-22	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2020-21	-	-	-	-	-	-	-	-
	2021-22	10.0	-	-	-	-	-	-	-
Mumbai	2020-21	-	-	-	-	-	-	-	-
	2021-22	-	-	-	-	-	-	-	-
Deendayal	2020-21	30	-	-	-	-	-	-	-
	2021-22	30	-	-	-	-	-	-	-

(a) :Relates to JNPT only.

**Table 2.1.28**  
**(Contd.)**

**Availability And Utilisation Of Container Handling Equipments - Major Ports - 2020-21 & 2021-22**

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)	2020-21	-	-	-	-	-	-	-	-
	2021-22	-	-	-	-	-	-	-	-
SMP (Haldia Dock Complex)	2020-21	2	98.4	48.3	47.6	-	-	-	-
	2021-22	2	93.3	55.3	51.5	-	-	-	-
Paradip	2020-21	-	-	-	-	-	-	-	-
	2021-22	-	89.87	7.9	7.1	-	-	-	-
Visakhapatnam	2020-21	-	-	-	-	1	99	7	7
	2021-22	-	-	-	-	-	-	-	-
Chennai	2020-21	-	-	-	-	-	-	-	-
	2021-22	-	-	-	-	-	-	-	-
V.O. Chidambaranar	2020-21	-	-	-	-	-	-	-	-
	2021-22	-	-	-	-	-	-	-	-
Cochin	2020-21	-	-	-	-	-	-	-	-
	2021-22	-	-	-	-	-	-	-	-
New Mangalore	2020-21	-	-	-	-	-	-	-	-
	2021-22	-	-	-	-	-	-	-	-
Mormugao	2020-21	-	-	-	-	-	-	-	-
	2021-22	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2020-21	5	79.3	94.9	75.2	-	-	-	-
	2021-22	3	0.0	0.0	0.0	-	-	-	-
Mumbai	2020-21	-	-	-	-	-	-	-	-
	2021-22	-	-	-	-	-	-	-	-
Deendayal	2020-21	-	-	-	-	-	-	-	-
	2021-22	-	-	-	-	-	-	-	-

(a) :Relates to JNPCT.

**Table 2.1.28  
(Contd.)**

**Availability And Utilisation Of Container Handling Equipments - Major Ports - 2020-21 & 2021-22**

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)	2020-21	4	-	-	-	1	-	-	-
	2021-22	4	-	-	-	-	-	-	-
SMP (Haldia Dock Complex)	2020-21	-	-	-	-	-	-	-	-
	2021-22	-	-	-	-	-	-	-	-
Paradip	2020-21	-	-	-	-	7	77.3	0.62	0
	2021-22	-	-	-	-	-	89.25	7.96	7.1
Visakhapatnam	2020-21	2	-	-	-	6	79.2	75.0	59.4
	2021-22	2	-	-	-	6	79.8	82.1	65.5
Chennai	2020-21	4	-	-	-	1	-	-	-
	2021-22	3	-	-	-	1	-	-	-
V.O. Chidamabaranar	2020-21	-	-	-	-	-	-	-	-
	2021-22	-	-	-	-	2	97	9	8
Cochin	2020-21	3	98.8	49.5	48.9	2	98.7	25.2	24.8
	2021-22	3	96.7	53.8	52.0	2	95.4	34.5	32.9
New Mangalore	2020-21	-	-	-	-	5	91.5	37.0	33.8
	2021-22	-	-	-	-	5	96.7	33.3	32.2
Mormugao	2020-21	-	-	-	-	-	-	-	-
	2021-22	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2020-21	-	-	-	-	-	-	-	-
	2021-22	-	-	-	-	-	-	-	-
Mumbai	2020-21	-	-	-	-	-	-	-	-
	2021-22	-	-	-	-	-	-	-	-
Deendayal	2020-21	4	81.0	69.0	55.9	9	92.0	85.6	70.2
	2021-22	4	80.2	4.3	3.5	10	81.3	5.7	4.6

(a) Relates to JNPCT.

Source: Major Ports

Table 2.1.29

## Container Handling Rate - Major Ports - 2020-21 &amp; 2021-22

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)	2020-21	-	-	-	-	-	-	-	-	-
	2021-22	-	-	-	-	-	-	-	-	-
SMP (Haldia Dock Complex)	2020-21	-	-	-	39.4	13.1	21.7	80.1	5.4	27.0
	2021-22	-	-	-	4.4	10.2	18.3	25.9	3.3	21.1
Paradip	2020-21	-	-	-	-	-	-	10.1	26.0	26.5
	2021-22	-	-	-	-	-	-	40.0	20.9	21.9
Vishakhapatnam	2020-21	54.5	8.8	19.3	-	-	-	39.5	7.6	12.6
	2021-22	50.2	9.3	18.7	-	-	-	36.0	7.6	11.8
Chennai( CITL)	2020-21	0.0	26.9	26.9	-	-	-	0.0	13.6	13.6
	2021-22	0.0	27.0	27.0	-	-	-	0.0	12.9	12.9
V.O. Chidamabaranar	2020-21	1.0	22.2	22.4	-	-	-	0.6	14.4	14.5
	2021-22	0.7	23.1	23.2	-	-	-	0.4	13.7	13.7
Cochin	2020-21	21.5	26.5	33.8	-	-	-	47.7	9.3	17.8
	2021-22	25.4	25.7	34.2	-	-	-	10.3	50.4	20.7
New Mangalore	2020-21	-	-	-	-	-	-	-	-	-
	2021-22	-	-	-	-	-	-	-	-	-
Mormugao	2020-21	-	-	-	-	-	-	-	-	-
	2021-22	-	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2020-21	66.2	8.1	23.9	56.5	3.5	8.0	71.9	3.6	12.7
	2021-22	24.9	16.2	21.6	35.6	5.4	8.3	72.0	2.7	14.2
Mumbai	2020-21	-	-	-	-	-	-	-	-	-
	2021-22	-	-	-	-	-	-	-	-	-
Deendayal	2020-21	0.0	21.3	21.3	-	-	-	0.0	11.5	11.5
	2021-22	272.3	0.0	272.3	-	-	-	110.1	0.0	110.1
Kamarajar	2020-21	26.7	20.0	27.0	-	-	-	0.0	14.0	14.0
	2021-22	35.0	25.0	25.1	-	-	-	42.0	14.0	14.0

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 - 2021-22**(In Million Tonnes/  
Percentage)

Port	Capacity/Utilisation	Total
1	2	3
<b>SMP Kolkata Dock System</b>	Cap.	92.77
	% Util.	62.71
<b>Paradip</b>	Cap.	289.75
	% Util.	40.08
<b>Visakhapatnam</b>	Cap.	134.18
	% Util.	51.45
<b>Kamarajar</b>	Cap.	91.00
	% Util.	42.57
<b>Chennai</b>	Cap.	135.00
	% Util.	35.97
<b>V.O.Chidambaranar</b>	Cap.	111.46
	% Util.	30.61
<b>Cochin</b>	Cap.	78.60
	% Util.	43.96
<b>New Mangalore</b>	Cap.	108.96
	% Util.	36.06
<b>Mormugao</b>	Cap.	63.40
	% Util.	29.11
<b>J.L.Nehru</b>	Cap.	141.37
	% Util.	53.76
<b>Mumbai</b>	Cap.	84.00
	% Util.	71.30
<b>Deendayal</b>	Cap.	267.10
	% Util.	43.84
<b>ALL PORTS</b>	Cap.	<b>1597.59</b>
	% Util.	<b>44.45</b>

\* Included SMP Haldia

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

**Table 2.1.31****Employment At Major Ports (As on 31st March, 2022)**

(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
DPTA	120	63	1306	913	0	0	0	0	0	2402
MbPTA	262	23	2209	1341	0	214	196	287	0	4532
JNPTA	137	29	208	58	84	346	0	0	0	862
MoPTA(a)	71	70	673	165	0	230	74	0	0	1283
NMPTA (b)	59	67	224	38	0	15	14	0	0	417
CoPTA	87	88	708	45	0	159	23	0	0	1110
VOCPA	63	42	224	68	0	88	57	0	0	542
ChPTA	101	93	1764	935	168	56	177	176	0	3470
KPL*	60	0	34		0	0	0	0	0	94
VPTA	103	91	362	182	467	881	131	0	0	2217
PPTA	90	54	342	50	0	0	22	0	0	558
SMP (KDS)	325	74	1025	297	0	70	0	127	0	1918
SMP (HDC)	147	48	51	53	104	377	138	0	0	918
<b>Total</b>	<b>1625</b>	<b>742</b>	<b>9130</b>	<b>4145</b>	<b>823</b>	<b>2436</b>	<b>832</b>	<b>590</b>	<b>0</b>	<b>20323</b>

\* Class I, II executives included, Class III &amp;

(a) Includes CHL, erstwhile MDLB

Source: Major Ports

**Table 2.1.32****Employment At Dock Labour Boards of Major Ports (As on 31st March, 2022)**

(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
DPTA	-	-	-	-	0	-	-	-	0	0
VPTA	1	0	30	14	45	-	-	496	496	541
SMP (KDS)	2	8	11	0	21	39	0	0	39	60
MbPTA	BDLB merged with Mumbai Port Trust									
<b>All DLBs</b>	<b>3</b>	<b>8</b>	<b>41</b>	<b>14</b>	<b>66</b>	<b>39</b>	<b>0</b>	<b>496</b>	<b>535</b>	<b>601</b>

Source: Major Ports

**Table 2.1.33 Mandays Employed and Mandays Lost at Major Ports : 2018 to 2022 (31st March)**

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

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 2021-22****( Rs. In crores)**

<b>S.No.</b>	<b>Port</b>	<b>Capital Employed</b>
<b>1</b>	<b>2</b>	<b>3</b>
1	DEENDAYAL	3393.89
2	MUMBAI	946.08
3	J. L. NEHRU	4339.15
4	MORMUGAO	529.18
5	NEW MANGALORE	836.38
6	COCHIN	102.56
7	V.O.CHIDAMABARNAR	1272.78
8	CHENNAI	444.01
9	KAMARAJAR	3229.28
10	VISAKHAPATNAM	2316.30
11	PARADIP	3100.30
12	SMP HALDIA DOCK COMPLEX	5031.45
13	SMP KOLKATA DOCK SYSTEM	2801.13

Source: Major Ports

Table 2.1.35

## Operating Expenditure Under Various Heads - Major Ports - 2020-21 &amp; 2021-22

(Rs. In crores)

Port	Salaries & Wages		Stores		Office & Administrative Security & Medical		Depreciation		Operation & Maintenance		Other Exp		Total	
	2020-21	2021-22	2020-21	2021-22	2020-21	2021-22	2020-21	2021-22	2020-21	2021-22	2020-21	2021-22	2020-21	2021-22
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SMP Kolkata	460.08 (27.5)	448.98 (26.9)	9.34 (.56)	6.78 (.41)	197.77 (11.84)	196.48 (11.76)	55.22 (3.31)	56.88 (3.41)	894.47 (53.55)	928.87 (55.6)	34.57 (2.07)	32.49 (1.94)	1651.45 (100.)	1670.48 (100.)
SMP HDC	189.57 (18.69)	186.81 (18.42)	7.33 (.72)	5.90 (.58)	84.73 (8.35)	81.57 (8.04)	32.82 (3.24)	33.34 (3.29)	661.29 (65.19)	687.33 (67.76)	20.29 (2.)	19.39 (1.91)	996.03 (100.)	1014.34 (100.)
Paradip	101.01 (14.8)	84.95 (12.45)	58.22 (8.53)	55.36 (8.11)	67.91 (9.95)	74.31 (10.89)	67.15 (9.84)	61.49 (9.01)	300.54 (44.04)	291.68 (42.74)	75.62 (11.08)	114.62 (16.8)	670.45 (100.)	682.41 (100.)
Visakhapatnam	346.20 (46.77)	340.45 (46.)	47.99 (6.48)	70.71 (9.55)	64.62 (8.73)	77.62 (10.49)	52.18 (7.05)	54.04 (7.3)	0.00 (.)	175.27 (23.68)	143.16 (19.34)	22.06 (2.98)	654.15 (100.)	740.15 (100.)
Chennai	401.61 (70.25)	408.50 (71.45)	14.85 (2.6)	15.76 (2.76)	60.83 (10.64)	69.19 (12.1)	23.46 (4.1)	21.70 (3.8)	32.08 (5.61)	33.45 (5.85)	24.50 (4.29)	23.12 (4.04)	557.33 (100.)	571.72 (100.)
V.O.Chidambaranar	72.89 (29.58)	71.31 (28.94)	9.51 (3.86)	12.37 (5.02)	32.44 (13.17)	34.20 (13.88)	32.76 (13.3)	34.26 (13.9)	24.04 (9.76)	32.70 (13.27)	56.24 (22.83)	61.55 (24.98)	227.88 (100.)	246.39 (100.)
Cochin	143.15 (38.97)	142.16 (38.71)	21.95 (5.98)	23.22 (6.32)	23.92 (6.51)	21.62 (5.89)	20.29 (5.52)	17.51 (4.77)	108.75 (29.61)	136.71 (37.22)	25.38 (6.91)	26.07 (7.1)	343.44 (100.)	367.29 (100.)
New Mangalore	61.12 (23.49)	56.25 (21.61)	17.28 (6.64)	19.10 (7.34)	50.90 (19.56)	52.53 (20.19)	41.76 (16.05)	40.65 (15.62)	88.21 (33.9)	89.03 (34.21)	2.42 (.93)	2.68 (1.03)	261.69 (100.)	260.24 (100.)
Mormugao	142.17 (54.92)	139.51 (53.9)	12.99 (5.02)	14.09 (5.44)	22.64 (8.75)	24.81 (9.58)	20.27 (7.8)	31.99 (12.4)	49.45 (19.1)	44.41 (17.16)	3.78 (1.46)	4.04 (1.56)	251.30 (100.)	258.85 (100.)
Mumbai	687.46 (61.9)	645.15 (58.09)	25.11 (2.26)	34.97 (3.15)	117.48 (10.58)	135.16 (12.17)	82.66 (7.44)	78.22 (7.04)	191.30 (17.23)	198.63 (17.89)	18.07 (1.63)	18.44 (1.66)	1122.08 (100.)	1110.57 (100.)
J. L. Nehru	256.04 (21.13)	298.64 (24.65)	7.65 (.63)	4.95 (.41)	128.10 (10.57)	148.21 (12.23)	93.86 (7.75)	119.89 (9.9)	228.62 (18.87)	230.46 (19.02)	305.26 (25.2)	409.41 (33.79)	1019.53 (100.)	1211.56 (100.)
Deendayal	264.54 (32.41)	253.75 (31.09)	7.87 (.96)	8.33 (1.02)	66.63 (8.16)	81.10 (9.94)	113.40 (13.89)	117.19 (14.36)	303.43 (37.17)	323.44 (39.62)	20.62 (2.53)	32.47 (3.98)	776.49 (100.)	816.28 (100.)
Kamarjar	18.40 (7.36)	21.78 (8.72)	57.79 (23.13)	62.09 (24.85)	14.25 (5.7)	12.70 (5.08)	84.99 (34.01)	90.61 (36.26)	11.14 (4.46)	7.66 (3.07)	40.01 (16.01)	55.05 (22.03)	226.58 (100.)	249.89 (100.)
<b>Total</b>	<b>3144.24</b> <b>(35.9)</b>	<b>3098.24</b> <b>(33.68)</b>	<b>297.88</b> <b>(3.40)</b>	<b>333.63</b> <b>(3.63)</b>	<b>932.22</b> <b>(10.64)</b>	<b>1009.50</b> <b>(10.97)</b>	<b>720.82</b> <b>(8.23)</b>	<b>757.77</b> <b>(8.24)</b>	<b>2893.32</b> <b>(33.03)</b>	<b>3179.64</b> <b>(34.56)</b>	<b>769.92</b> <b>(8.79)</b>	<b>821.39</b> <b>(8.93)</b>	<b>8758.40</b> <b>(100.00)</b>	<b>9200.17</b> <b>(100.00)</b>

Note : Figures in parenthesis 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 : 2019-20, 2020-21 & 2021-22**

(Rs. In crores)

Port	Operating Income			Operating Expenditure			Surplus/Deficit Per Tonne		
	2019-20	2020-21	2021-22	2019-20	2020-21	2021-22	2019-20	2020-21	2021-22
1	2	3	4	5	6	7	8	9	10
DEENDAYAL	140.89	146.13	155.15	58.21	66.05	64.22	82.68	80.08	90.93
MUMBAI	273.88	319.86	316.69	198.65	210.43	185.43	75.23	109.43	131.25
J. L. NEHRU	277.52	296.44	287.73	126.97	157.31	159.43	150.55	139.13	128.30
MORMUGAO	269.20	203.14	234.82	153.79	114.29	140.24	115.41	88.85	94.58
NEW MANGALORE	146.16	163.19	164.10	69.70	71.68	66.23	76.46	91.51	97.88
COCHIN	190.68	216.91	207.17	104.55	109.02	106.31	86.13	107.89	100.86
V.O.CHIDAMBARANAR	161.57	172.86	174.92	70.43	71.69	72.21	91.14	101.17	102.71
CHENNAI	168.43	182.38	171.68	123.66	127.97	117.73	44.77	54.42	53.96
KAMARAJAR	221.49	224.45	289.69	59.83	87.52	86.85	161.67	136.94	202.84
VISAKHAPATNAM	193.17	206.99	221.63	89.66	93.66	107.22	103.51	113.33	114.41
PARADIP	138.72	142.45	149.17	59.18	59.11	58.76	79.54	83.34	90.41
SMP (HALDIA DOCK COMPLEX)	347.62	397.51	394.49	209.19	216.72	231.81	138.44	180.80	162.68
SMP (KOLKATA DOCK SYSTEM)	1318.66	1525.82	1585.41	927.31	1008.21	1052.29	391.35	517.61	533.11
<b>All Major Ports</b>	225.38	242.41	246.34	121.79	129.42	128.43	103.58	112.98	117.92

Table 2.2.1

## Traffic Handled at Non-Major Ports (State-wise &amp; Port-wise) - 2019-20, 2020-21 &amp; 2021-22

('000 Tonnes)

States/U.T.	2019-20						2020-21						2021-22					
	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
<b>GUJARAT</b>																		
Bedi	920	1067	1987	3	251	254	2140	1184	3324	0	110	110	1461	972	2433	0	248	248
Bhavnagar	2443	0	2443	29	0	29	2408	0	2408	5	0	5	2686	0	2686	0	67	67
Dahej	28798	225	29022	3249	230	3479	25755	306	26061	3142	314	3456	27237	514	27751	3607	319	3926
GAPL (Mandvi Mudra & SEZ)	94049	35703	129752	1677	892	2569	93497	41288	134785	2594	274	2868	91952	49518	141469	2487	254	2741
GPPL (Jafrabad Pipapav)	7076	3033	10109	264	260	524	6980	2392	9372	451	457	908	7347	2148	9495	257	575	832
Jafrabad	2053	1007	3060	0	2905	2905	1054	1528	2582	407	2215	2622	400	443	843	74	1729	1803
Magdalla	12511	1709	14220	17324	2918	20242	9838	2005	11843	15575	1279	16854	10493	1725	12218	18660	1591	20250
Mul-Dwarka (Veraval)	694	0	694	178	2989	3167	505	0	505	6	2422	2429	193	554	747	825	1995	2819
Navalakhi	9344	853	10197	50	0	50	7130	537	7667	50	0	50	7014	173	7187	68	0	68
Okha	2401	0	2401	0	1667	1667	1820	0	1820	121	1408	1530	2237	0	2237	343	1407	1750
Porbandar	1703	198	1901	0	114	114	1234	137	1371	0	87	87	1734	223	1957	0	76	76
Sikka (Bedi Sikka)	79955	43456	123411	979	9751	10730	73138	40336	113473	275	7676	7951	76013	41761	117774	799	9409	10208
HPPL Magdalla Hazira Port)	4866	0	4866	0	0	0	3881	0	3881	0	0	0	2356	0	2356	0	0	0
Mundra (Old) (Mandvi Mudra)	1	134	136	0	0	0	6	158	164	0	0	0	8	175	183	0	0	0
Jakhau (Mandvi Jakhau)	541	2381	2922	0	168	168	527	1622	2150	0	329	329	507	2441	2948	0	298	298
Salaya (Bedi EBSTL)	5915	0	5915	0	0	0	3634	0	3634	0	0	0	1944	0	1944	0	62	62
Alang	1623	0	1623	0	0	0	1761	0	1761	0	0	0	1457	0	1457	0	0	0
AHPPL (Magdala Adani Hazira Port)	14809	5439	20248	318	668	986	15438	5737	21175	0	397	397	17543	6657	24200	0	362	362
<b>TOTAL</b>	<b>269702</b>	<b>95205</b>	<b>364907</b>	<b>24071</b>	<b>22813</b>	<b>46884</b>	<b>250746</b>	<b>97230</b>	<b>347976</b>	<b>22627</b>	<b>16969</b>	<b>39596</b>	<b>252581</b>	<b>107303</b>	<b>359884</b>	<b>27119</b>	<b>18390</b>	<b>45510</b>
<b>MAHARASHTRA</b>																		
Dabhol	3779	0	3779	0	0	0	4526	0	4526	0	0	0	5211	0	5211	1	0	1
Dahanu	921	0	921	0	0	0	351	0	351	0	0	0	109	0	109	0	0	0
Dharamtar	5189	0	5189	12114	10	12124	4293	105	4397	12077	166	12243	5405	150	5554	12848	1774	14622
Ratnagiri	472	0	472	147	0	147	420	0	420	157	0	157	449	0	449	187	0	187
Revdanda	1181	0	1181	442	171	613	511	0	511	391	133	524	442	0	442	157	113	270
Ulwa-Belapur	0	0	0	1711	71	1782	0	0	0	1303	32	1335	0	0	0	1871	9	1881
Jaigad	9744	736	10481	461	4483	4944	8478	1069	9548	40	4201	4241	8932	3893	12825	1687	7983	9669
Redi	0	1061	1061	0	0	0	0	1123	1123	0	0	0	0	390	390	100	0	100
Dighi (Rajpuri)	156	1	156	513	0	513	145	0	145	62	7	69	229	0	229	0	0	0
Kelshi	0	0	0	0	107	107	0	0	0	0	0	0	0	0	0	0	0	0
Trombay	0	0	0	0	1	1	0	0	0	0	5	5	0	0	0	2	8	11
Bankot	0	105	105	0	0	0	0	0	0	0	216	216	0	53	53	0	222	222
Bhiwandi	0	0	0	2	5	6	0	0	0	0	2	2	0	0	0	6	0	6
Vijaydurg	0	6	6	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
Karanja	0	0	0	25	0	25	0	0	0	15	0	15	101	82	182	27	2	29
Vasai	0	0	0	48	0	48	0	0	0	17	0	17	0	0	0	13	0	13
Kalyan	0	0	0	-	-	-	-	-	-	-	-	-	0	0	0	22	0	22
<b>TOTAL</b>	<b>21442</b>	<b>1908</b>	<b>23350</b>	<b>15462</b>	<b>4849</b>	<b>20311</b>	<b>18724</b>	<b>2296</b>	<b>21021</b>	<b>14062</b>	<b>4761</b>	<b>18824</b>	<b>20876</b>	<b>4566</b>	<b>25442</b>	<b>16920</b>	<b>10112</b>	<b>27032</b>
<b>GOA</b>																		
Panaji	0	0	0	0	8	8	0	0	0	0	35	35	0	0	0	7	20	27
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>35</b>	<b>35</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>20</b>	<b>27</b>

Table 2.2.1 (Cont.)

Traffic Handled at Non-Major Ports (State-wise & Port-wise) - 2019-20, 2020-21 & 2021-22

('000 Tonnes)

States/U.T.	2019-20						2020-21						2021-22					
	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
<b>ANDHRA PRADESH</b>																		
Kakinada																		
Anchorage Port	0	1149	1149	0	19	19	0	2785	2785	0	36	36	0	2906	2906	0	10	10
Deep Water Port	10106	2767	12873	705	1789	2494	9796	4221	14017	754	408	1163	8370	4621	12991	588	497	1084
Rawa	0	0	0	0	736	736	0	0	0	633	0	633	0	0	0	846	0	846
Krishnapatnam	28658	7363	36022	10463	1659	12122	24778	5602	30379	6804	999	7803	25925	5511	31436	8106	578	8684
Gangavaram	26806	5026	31832	147	2510	2657	23346	7113	30459	0	2361	2361	23146	4670	27815	0	2210	2210
<b>TOTAL</b>	<b>65571</b>	<b>16306</b>	<b>81876</b>	<b>11315</b>	<b>6714</b>	<b>18028</b>	<b>57920</b>	<b>19721</b>	<b>77641</b>	<b>8191</b>	<b>3804</b>	<b>11995</b>	<b>57440</b>	<b>17708</b>	<b>75148</b>	<b>9540</b>	<b>3295</b>	<b>12835</b>
<b>KARNATAKA</b>																		
Karwar	569	26	596	251	14	265	363	264	626	123	0	123	265	357	622	109	0	109
Old Mangalore	0	0	0	1	74	74	0	0	0	0	35	36	0	0	0	1	55	56
<b>TOTAL</b>	<b>569</b>	<b>26</b>	<b>596</b>	<b>252</b>	<b>88</b>	<b>339</b>	<b>363</b>	<b>264</b>	<b>626</b>	<b>123</b>	<b>35</b>	<b>159</b>	<b>265</b>	<b>357</b>	<b>622</b>	<b>110</b>	<b>55</b>	<b>165</b>
<b>KERALA</b>																		
Kozikode/Beyepore	0	0	0	12	116	128	0	0	0	12	92	104	0	0	0	0	0	0
Kovalam/Vizhinjam	0	0	0	24	0	24	0	0	0	0	0	0	0	0	0	0	1	1
Azhikkal	1	0	1	1	0	1	0	0	0	4	0	4	0	1	1	0	4	5
Kollam	0	0	0	0	2	2	0	0	0	1	4	5	0	0	0	133	0	133
<b>TOTAL</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>37</b>	<b>118</b>	<b>155</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>17</b>	<b>96</b>	<b>113</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>134</b>	<b>5</b>	<b>139</b>
<b>TAMIL NADU</b>																		
Ennore	44	0	44	0	0	0	42	0	42	0	0	0	44	0	44	0	0	0
Kattupali	4254	6595	10849	36	41	77	1756	2060	3817	1181	2052	3233	3214	3680	6894	344	206	550
Nagapattinam	36	0	36	4	44	48	41	0	41	0	0	0	47	0	47	0	0	0
Thrukkadaiyur	0	0	0	32	0	32	0	0	0	8	0	8	0	0	0	0	0	0
Cuddalore	276	0	276	2	0	2	259	0	259	0	6	6	303	0	303	0	2	2
Kuddankulam	0	0	0	5	0	5	0	0	0	1	0	1	0	0	0	1	0	1
<b>TOTAL</b>	<b>4611</b>	<b>6595</b>	<b>11206</b>	<b>78</b>	<b>85</b>	<b>164</b>	<b>2099</b>	<b>2060</b>	<b>4159</b>	<b>1189</b>	<b>2059</b>	<b>3248</b>	<b>3608</b>	<b>3680</b>	<b>7287</b>	<b>345</b>	<b>208</b>	<b>553</b>
<b>PUDUCHERRY</b>																		
Karaikal	7765	3	7768	1679	641	2319	5286	111	5397	1287	638	1926	3780	281	4061	1278	479	1757
Champlast sanmar	14	0	14	0	0	0	7	0	7	0	0	0	20	0	20	0	0	0
<b>TOTAL</b>	<b>7778</b>	<b>3</b>	<b>7782</b>	<b>1679</b>	<b>641</b>	<b>2319</b>	<b>5292</b>	<b>111</b>	<b>5404</b>	<b>1287</b>	<b>638</b>	<b>1926</b>	<b>3800</b>	<b>281</b>	<b>4081</b>	<b>1278</b>	<b>479</b>	<b>1757</b>
<b>ODISHA</b>																		
Dhamra	18807	7553	26360	0	3350	3350	20871	8301	29172	0	3211	3211	23805	7465	31270	0	2170	2170
Gopalpur	2053	2891	4944	295	320	615	3102	7168	10270	212	167	380	4027	3550	7578	268	256	525
<b>TOTAL</b>	<b>20860</b>	<b>10444</b>	<b>31304</b>	<b>295</b>	<b>3670</b>	<b>3965</b>	<b>23973</b>	<b>15469</b>	<b>39442</b>	<b>213</b>	<b>3378</b>	<b>3591</b>	<b>27832</b>	<b>11016</b>	<b>38848</b>	<b>268</b>	<b>2427</b>	<b>2695</b>
<b>SEA ISLANDS</b>																		
Andaman Nicobar	56	0	56	1454	340	1794	191	0	191	980	261	1241	86	0	86	1112	338	1450
Lakshadweep	0	0	0	0	0	0	0	0	0	108	8	116	0	0	0	178	7	184
<b>TOTAL</b>	<b>56</b>	<b>0</b>	<b>56</b>	<b>1454</b>	<b>340</b>	<b>1794</b>	<b>191</b>	<b>0</b>	<b>191</b>	<b>1088</b>	<b>269</b>	<b>1357</b>	<b>86</b>	<b>0</b>	<b>86</b>	<b>1290</b>	<b>344</b>	<b>1634</b>
<b>All States TOTAL</b>	<b>390590</b>	<b>130487</b>	<b>521078</b>	<b>54642</b>	<b>39326</b>	<b>93969</b>	<b>359308</b>	<b>137152</b>	<b>496460</b>	<b>48798</b>	<b>32046</b>	<b>80844</b>	<b>366488</b>	<b>144911</b>	<b>511399</b>	<b>57010</b>	<b>35338</b>	<b>92348</b>

Source : State / UT Maritime Boards

Table 2.2.2

## Traffic Handled at Non-Major Ports (State-wise &amp; Principal Commodity-wise) - 2019-20, 2020-21 &amp; 2021-22

('000 Tonnes)

	2019-20						2020-21						2021-22					
	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
<b>GUJARAT</b>																		
POL & other Products	126966	43638	170604	7351	12746	20097	94339	41709	136048	5813	9642	15455	99904	42205	142110	6751	11513	18264
Coal	77223	413	77636	84	254	338	64941	391	65332	28	55	83	52273	91	52364	272	87	360
Building Material	1332	1141	2473	1758	5977	7735	1981	2004	3985	1754	4926	6680	841	1117	1958	2232	4024	6255
Fertiliser & FRM	7422	730	8152	0	0	0	9359	347	9706	0	0	0	7894	0	7894	0	0	0
Chemicals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron Ore	1248	384	1631	12963	402	13365	1624	85	1709	10525	196	10721	1185	216	1402	13897	551	14448
Iron & Steel	1113	559	1672	0	134	134	710	1615	2325	0	1006	1006	565	1917	2483	15	858	873
Other Ore	0	0	0	0	0	0	0	0	0	0	0	0	1138	0	1138	29	65	94
Foodgrains	440	114	554	0	0	0	242	249	491	0	0	0	3	396	399	0	0	0
Salt	0	4777	4777	0	64	64	0	3975	3975	0	0	0	0	5491	5491	0	0	0
Containers	39367	39344	78711	264	260	524	45340	44647	89987	439	452	891	51939	50859	102798	196	241	438
Others	14592	4106	18697	1651	2976	4627	32717	1786	34503	3699	976	4675	36837	5009	41846	3727	1052	4779
<b>Total</b>	269702	95205	364907	24071	22813	46884	251253	96808	348061	22258	17253	39511	252581	107303	359884	27119	18390	45510
<b>MAHARASHTRA</b>																		
Iron Ore	366	1061	1427	7557	564	8121	208	1123	1331	7902	206	8108	895	796	1691	9909	3662	13571
Iron & Steel	12	0	12	1282	18	1300	0	0	0	464	157	621	0	0	0	332	3	334
POL & other Products	3779	0	3779	0	0	0	138	0	138	40	0	40	100	0	100	46	0	46
Building Material	388	0	388	1965	56	2021	200	0	200	1560	25	1584	412	0	412	2180	6	2187
Coal	14194	0	14194	4057	4002	8059	10875	0	10875	3995	4119	8114	11016	1345	12361	4255	6142	10397
Fertiliser & FRM	443	0	443	434	76	510	408	0	408	0	0	0	334	0	334	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	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
Others	2261	847	3108	168	134	301	6895	1174	8069	101	255	356	8119	2426	10545	199	299	498
<b>Total</b>	21442	1908	23350	15462	4849	20311	18724	2296	21021	14062	4761	18824	20876	4566	25442	16920	10112	27032
<b>GOA</b>																		
Iron Ore	0	0	0	0	2	2	0	0	0	0	7	7	0	0	0	0	2	2
Containers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	6	6	0	0	0	0	29	29	0	0	0	5	20	25
<b>Total</b>	0	0	0	0	8	8	0	0	0	0	35	35	0	0	0	5	22	27

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

**Traffic Handled at Non-Major Ports (State-wise & Principal Commodity-wise) - 2019-20, 2020-21 & 2021-22**

Commodity	('000 Tonnes)																	
	2019-20						2020-21						2020-21					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	
1	8	9	10	11	12	13	14	15	16	17	18	19	14	15	16	17	18	19
<b>TAMIL NADU</b>																		
POL & other Products	433	0	433	32	44	76	525	0	525	0	0	0	307	0	307	2	0	2
Edible Oil	36	0	36	4	0	4	41	0	41	0	0	0	47	0	47	0	0	0
Fertiliser & FRM	44	0	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron & Steel	0	118	118	0	14	14	55	5	60	6	0	6	25	10	35	180	0	180
Containers	3693	6380	10073	35	25	60	1076	1845	2920	1173	2050	3223	2628	3393	6021	161	185	346
Others	404	98	502	7	3	10	402	211	612	10	10	19	601	277	877	2	23	24
<b>Total</b>	<b>4611</b>	<b>6595</b>	<b>11206</b>	<b>78</b>	<b>85</b>	<b>164</b>	<b>2099</b>	<b>2060</b>	<b>4159</b>	<b>1189</b>	<b>2059</b>	<b>3248</b>	<b>3608</b>	<b>3680</b>	<b>7287</b>	<b>345</b>	<b>208</b>	<b>553</b>
<b>KERALA</b>																		
POL & other Products	0	0	0	0	23	23	0	0	0	0	25	25	0	0	0	0	0	0
Containers	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	4	6
Others	1	0	1	37	95	132	0	0	0	17	71	88	0	0	0	132	1	133
<b>Total</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>37</b>	<b>118</b>	<b>155</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>17</b>	<b>96</b>	<b>113</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>134</b>	<b>5</b>	<b>139</b>
<b>PUDUCHERRY</b>																		
POL & Other Prdct	0	0	0	0	385	385	7	0	7	0	420	420	15	0	15	0	336	336
Bldg. Material	105	3	108	0	256	256	0	0	0	0	0	0	0	0	0	0	0	0
Coal	6456	0	6456	1406	0	1406	4286	0	4286	1224	0	1224	2736	0	2736	1278	0	1278
Fertiliser & FRM	295	0	295	0	0	0	436	0	436	0	0	0	348	0	348	0	0	0
Iron Ore	0	0	0	273	0	273	0	0	0	54	0	54	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	922	0	922	0	0	0	564	111	675	9	218	227	702	281	983	0	143	143
<b>Total</b>	<b>7778</b>	<b>3</b>	<b>7782</b>	<b>1679</b>	<b>641</b>	<b>2319</b>	<b>5292</b>	<b>111</b>	<b>5404</b>	<b>1287</b>	<b>638</b>	<b>1926</b>	<b>3800</b>	<b>281</b>	<b>4081</b>	<b>1278</b>	<b>479</b>	<b>1757</b>
<b>A &amp; N ISLANDS</b>																		
POL & other Products	11	0	11	187	1	188	0	0	0	144	3	147	0	0	0	170	3	173
Bldg. Material	0	0	0	466	123	590	7	0	7	303	59	362	12	0	12	320	75	395
Foodgrains	0	0	0	5	4	9	0	0	0	4	3	6	0	0	0	3	3	6
Containers	0	0	0	546	152	698	0	0	0	436	113	550	0	0	0	406	102	508
Others	45	0	45	250	60	309	185	0	185	92	84	176	74	0	74	213	154	366
<b>Total</b>	<b>56</b>	<b>0</b>	<b>56</b>	<b>1454</b>	<b>340</b>	<b>1794</b>	<b>191</b>	<b>0</b>	<b>191</b>	<b>980</b>	<b>261</b>	<b>1241</b>	<b>86</b>	<b>0</b>	<b>86</b>	<b>1112</b>	<b>338</b>	<b>1450</b>
<b>LAKSHADWEEP</b>																		
POL & other Products	0	0	0	0	0	0	0	0	0	18	0	18	0	0	0	17	0	17
Building Material	0	0	0	0	0	0	0	0	0	40	0	40	0	0	0	92	0	92
Food grains	0	0	0	0	0	0	0	0	0	32	3	35	0	0	0	57	4	61
Others	0	0	0	0	0	0	0	0	0	18	5	23	0	0	0	11	3	14
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>108</b>	<b>8</b>	<b>116</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>178</b>	<b>7</b>	<b>184</b>
<b>ANDHRA PRADESH</b>																		
POL & other Products	0	1	1	670	736	1406	0	0	0	1239	119	1359	2	0	2	1414	0	1414
Fertiliser & FRM	6131	0	6131	0	20	20	2315	0	2315	0	0	0	4855	0	4855	0	0	0
Edible Oil	2445	0	2445	0	0	0	2538	0	2538	7	6	13	2315	6	2321	3	0	3
Coal	44286	30	44316	9302	1417	10719	40271	31	40301	6083	155	6239	37241	147	37387	8021	451	8472
Bldg. Material	60	329	388	0	746	746	0	295	295	0	503	503	0	752	752	0	444	444
Chemicals	0	0	0	0	0	0	81	0	81	0	0	0	81	0	81	0	0	0
Iron ore	100	3523	3623	109	1689	1798	110	5192	5301	0	2361	2361	541	1623	2165	0	2266	2266
Food Grain	0	1149	1149	0	0	0	0	2998	2998	0	0	0	38	4991	5030	0	0	0
Containers	2413	4453	6865	1179	1312	2491	2029	2522	4551	673	574	1247	1081	1147	2228	83	120	203
Others	10135	6822	16957	55	794	850	10577	8684	19261	188	85	273	11286	9042	20328	20	14	34
<b>Total</b>	<b>65571</b>	<b>16306</b>	<b>81876</b>	<b>11315</b>	<b>6714</b>	<b>18028</b>	<b>57920</b>	<b>19721</b>	<b>77641</b>	<b>8191</b>	<b>3804</b>	<b>11995</b>	<b>57440</b>	<b>17708</b>	<b>75148</b>	<b>9540</b>	<b>3295</b>	<b>12835</b>

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

**Traffic Handled at Non-Major Ports (State-wise & Principal Commodity-wise) - 2019-20, 2020-21 & 2021-22**

Commodity	('000 Tonnes)																	
	2019-20						2020-21						2020-21					
	Overseas			Coastal			Overseas			Coastal			Overseas			Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	8	9	10	11	12	13	14	15	16	17	18	19	14	15	16	17	18	19
<b>KARNATAKA</b>																		
Fertiliser & FRM	54	0	54	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
POL & other Products	0	0	0	156	0	156	0	0	0	0	0	0	230	0	230	30	0	30
Bldg. Material	0	0	0	0	33	33	0	0	0	0	19	19	0	0	0	0	39	39
Containers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	6
Others	515	26	542	96	55	151	363	264	626	123	16	139	35	357	392	79	11	90
<b>Total</b>	<b>569</b>	<b>26</b>	<b>596</b>	<b>252</b>	<b>88</b>	<b>339</b>	<b>363</b>	<b>264</b>	<b>626</b>	<b>123</b>	<b>35</b>	<b>159</b>	<b>265</b>	<b>357</b>	<b>622</b>	<b>110</b>	<b>55</b>	<b>165</b>
<b>ODISHA</b>																		
Fertiliser & FRM	311	0	311	0	0	0	548	0	548	0	0	0	446	0	446	0	0	0
Iron ore	0	6884	6884	0	2844	2844	0	11068	11068	0	2329	2329	0	5670	5670	0	1240	1240
Coal	14625	0	14625	0	776	776	16338	0	16338	0	1049	1049	18448	0	18448	0	1117	1117
Containers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	5924	3560	9484	295	49	344	7087	4401	11488	213	0	213	8938	5346	14284	268	70	338
<b>Total</b>	<b>20860</b>	<b>10444</b>	<b>31304</b>	<b>295</b>	<b>3670</b>	<b>3965</b>	<b>23973</b>	<b>15469</b>	<b>39442</b>	<b>213</b>	<b>3378</b>	<b>3591</b>	<b>27832</b>	<b>11016</b>	<b>38848</b>	<b>268</b>	<b>2427</b>	<b>2695</b>
<b>ALL STATES</b>																		
POL & other Pdcts	131189	43639	174828	8395	13934	22330	95008	41709	136717	7255	10209	17464	100559	42205	142764	8429	11852	20281
Coal	156784	443	157227	14849	6449	21297	136710	422	137132	11331	5378	16709	121714	1582	123296	13826	7799	21625
Building Material	1884	1473	3357	4189	7190	11380	2188	2299	4486	3657	5533	9189	1265	1869	3135	4974	4588	9562
Fertiliser & FRM	14699	730	15429	434	96	530	13066	347	13413	0	0	0	13878	0	13878	0	0	0
Chemicals	0	0	0	0	0	0	81	0	81	0	0	0	0	0	0	0	0	0
Iron Ore	1715	11851	13565	20901	5502	26403	1942	17468	19410	18481	5099	23580	2621	8305	10926	23805	7721	31527
Iron & Steel	1125	677	1802	1282	166	1448	765	1620	2385	470	1163	1633	590	5657	6247	542	932	1473
Other Ore	0	0	0	0	0	0	0	0	0	0	0	0	1198	63	1261	29	287	316
Salt	0	4777	4777	0	64	64	0	3975	3975	0	0	0	0	5491	5491	118	0	118
Edible Oil	2481	0	2481	4	0	4	2580	0	2580	7	6	13	3193	6	3199	4	6	10
Foodgrains	440	1263	1703	5	4	9	242	3247	3489	35	6	41	42	5387	5429	61	18	79
Containers	45472	50177	95649	2023	1749	3773	48445	49013	97458	2723	3189	5911	65780	18947	84726	4372	1477	5849
Others	34799	15459	50258	2560	4172	6732	58788	16630	75419	4470	1748	6218	55648	55399	111047	849	658	1507
<b>Total</b>	<b>390590</b>	<b>130487</b>	<b>521078</b>	<b>54642</b>	<b>39326</b>	<b>93969</b>	<b>359815</b>	<b>136730</b>	<b>496545</b>	<b>48428</b>	<b>32330</b>	<b>80759</b>	<b>366488</b>	<b>144911</b>	<b>511399</b>	<b>57008</b>	<b>35339</b>	<b>92348</b>

Source : States/UT Maritime Boards

Table 2.2.3

**Commodity-wise Overseas Cargo Traffic Handled At Select  
Non-Major Ports - 2019-20, 2020-21 & 2021-22**

('000 Tonnes)

Port/Commodity	2019-20			2020-21			2021-22		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
<b>GUJARAT</b>									
<b>1. Bedi</b>	<b>920</b>	<b>1067</b>	<b>1987</b>	<b>2140</b>	<b>1184</b>	<b>3324</b>	<b>1461</b>	<b>972</b>	<b>2433</b>
a)Others Ore	0	0	0	0	0	0	0	0	0
b)Fertilizers & FRM	544	653	1197	551	0	551	451	0	451
c)Salt	0	0	0	0	0	0	0	0	0
d)Coal	312	381	693	746	0	746	475	0	475
e)Others	64	33	97	843	1184	2026	535	972	1507
<b>2. Okha</b>	<b>2401</b>	<b>0</b>	<b>2401</b>	<b>1820</b>	<b>0</b>	<b>1820</b>	<b>2237</b>	<b>0</b>	<b>2237</b>
b) Coal	1167	0	1167	880	0	880	1140	0	1140
c)Ore	0	0	0	0	0	0	0	0	0
d)Others	1234	0	1234	940	0	940	1097	0	1097
<b>3.GAPL</b>	<b>94049</b>	<b>35703</b>	<b>129752</b>	<b>93497</b>	<b>41288</b>	<b>134785</b>	<b>91952</b>	<b>49518</b>	<b>141469</b>
a)Edible Oil	884	0	884	751	0	751	831	0	831
b)Food grains	430	14	444	1	3	3	0	217	217
c)Iron & steel	946	401	1347	596	385	981	562	350	912
d)POL&Other Products	21408	20	21428	17417	248	17665	21061	17	21079
e)Fertiliser&FRM	3801	0	3801	4466	7	4473	4584	0	4584
f)Coal	34311	32	34343	28625	0	28625	17453	53	17506
g)Iron Ore	0	329	329	0	55	55	37	216	254
h)Container	31068	32206	63274	37462	37765	75227	44754	44344	89098
i)Others	1201	2701	3902	4180	2825	7005	2668	4320	6988
<b>4.Navalakhi</b>	<b>9344</b>	<b>853</b>	<b>10197</b>	<b>7130</b>	<b>537</b>	<b>7667</b>	<b>7014</b>	<b>173</b>	<b>7187</b>
a)Coal	9342	0	9342	7130	0	7130	7014	0	7014
b)Salt	0	853	853	0	537	537	0	173	173
c)Others	2	0	2	0	0	0	0	0	0
<b>5.Mul-Dwarka</b>	<b>694</b>	<b>0</b>	<b>694</b>	<b>505</b>	<b>0</b>	<b>505</b>	<b>193</b>	<b>554</b>	<b>747</b>
a)Building Material	0	0	0	0	0	0	0	554	554
b)Coal	392	0	392	505	0	505	193	0	193
c)Others	302	0	302	0	0	0	0	0	0
<b>6. Sikka</b>	<b>79955</b>	<b>43456</b>	<b>123411</b>	<b>73138</b>	<b>40336</b>	<b>113473</b>	<b>76013</b>	<b>41761</b>	<b>117774</b>
a)POL&Other Products	78988	43378	122366	72193	40336	112529	75566	41761	117327
b)Building Material	19	0	19	53	0	53	0	0	0
c)Coal	0	0	0	58	0	58	54	0	54
d)Others	948	78	1026	833	0	833	393	0	393
<b>7. Magdalla</b>	<b>12511</b>	<b>1709</b>	<b>14220</b>	<b>9838</b>	<b>2005</b>	<b>11843</b>	<b>10493</b>	<b>1725</b>	<b>12218</b>
a)POL&Other Products	76	0	76	0	0	0	0	0	0
b)Iron Ore	0	0	0	300	0	300	0	0	0
c)Iron & Steel	7	79	86	13	1195	1208	0	1522	1522
d)Coal	10143	0	10143	7404	0	7404	8572	39	8611
e)Others	2285	1630	3915	2121	810	2931	1921	165	2086
<b>8. Jafarabad</b>	<b>2053</b>	<b>1007</b>	<b>3060</b>	<b>1054</b>	<b>1528</b>	<b>2582</b>	<b>400</b>	<b>443</b>	<b>843</b>
a)Coal	2053	0	2053	0	0	0	0	0	0
b)Building Material	0	1007	1007	0	984	984	0	443	443
c)Others	0	0	0	1054	545	1599	400	0	400
<b>9. Dahej</b>	<b>28798</b>	<b>225</b>	<b>29022</b>	<b>25755</b>	<b>306</b>	<b>26061</b>	<b>27237</b>	<b>514</b>	<b>27751</b>
a)POL&Other Products	20955	168	21123	3051	95	3146	3254	427	3681
b)Iron Ore	1248	55	1302	690	30	720	1148	0	1148
c)Fertiliser&FRM	293	0	293	268	0	268	1137	0	1137
d)Coal	4719	0	4719	4034	0	4034	5641	0	5641
e)Building Material	1205	0	1205	573	0	573	767	0	767
f)Others	379	2	381	17139	182	17320	15289	87	15377

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

**Commodity-wise Overseas Cargo Traffic Handled At Select  
Non-Major Ports - 2019-20, 2020-21 & 2021-22**

(’000 Tonnes)

Port/Commodity	2019-20			2020-21			2021-22		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
<b>10. GPPL</b>	<b>7076</b>	<b>3033</b>	<b>10109</b>	<b>6980</b>	<b>2392</b>	<b>9372</b>	<b>7347</b>	<b>2148</b>	<b>9495</b>
a)POL&Other Products	576	72	648	205	29	234	22	0	22
b)Coal	590	0	590	857	0	857	952	0	952
c)Fertiliser&FRM	1394	0	1394	1746	0	1746	1331	0	1331
d)Container	4014	2895	6909	3273	2265	5538	2791	2062	4853
e)Others	502	66	568	899	97	996	2250	87	2337
<b>MAHARASHTRA</b>									
<b>1. Revdanda</b>	<b>1181</b>	<b>0</b>	<b>1181</b>	<b>511</b>	<b>0</b>	<b>511</b>	<b>442</b>	<b>0</b>	<b>442</b>
a)Iron Ore	0	0	0	0	0	0	0	0	0
b)Coal	1161	0	1161	501	0	501	402	0	402
c)Others	20	0	20	10	0	10	40	0	40
<b>2. Ratnagiri</b>	<b>472</b>	<b>0</b>	<b>472</b>	<b>420</b>	<b>0</b>	<b>420</b>	<b>449</b>	<b>0</b>	<b>449</b>
a) Chemicals	0	0	0	0	0	0	0	0	0
b) Coal	169	0	169	166	0	166	212	0	212
c) Others	303	0	303	254	0	254	236	0	236
<b>3) Dharamtar</b>	<b>5189</b>	<b>0</b>	<b>5189</b>	<b>4293</b>	<b>105</b>	<b>4397</b>	<b>5405</b>	<b>150</b>	<b>5554</b>
a) Iron ore	0	0	0	0	0	0	63	0	63
b) Coal	3031	0	3031	2354	0	2354	2813	0	2813
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	2158	0	2158	1939	105	2044	2529	150	2678
<b>4) Dahanu</b>	<b>921</b>	<b>0</b>	<b>921</b>	<b>351</b>	<b>0</b>	<b>351</b>	<b>109</b>	<b>0</b>	<b>0</b>
a) Coal	921	0	921	351	0	351	109	0	109
<b>5)Dabhol</b>	<b>3779</b>	<b>0</b>	<b>3779</b>	<b>4526</b>	<b>0</b>	<b>4526</b>	<b>5211</b>	<b>0</b>	<b>0</b>
a)POL&Other Products	3779	0	3779	0	0	0	0	0	0
b)Others	0	0	0	4526	0	0	5211	0	0
<b>KARNATAKA</b>									
<b>1. Karwar</b>	<b>569</b>	<b>26</b>	<b>596</b>	<b>363</b>	<b>264</b>	<b>626</b>	<b>265</b>	<b>357</b>	<b>622</b>
a)Fertilizer &FRM	54	0	0	0	0	0	0	0	0
b)POL&Other Products	0	0	0	0	0	0	230	0	230
c)Others	515	26	0	363	264	626	35	357	392
<b>2. Belkeri</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
a)Others	0	0	0	0	0	0	0	0	0
<b>KERALA</b>									
<b>1. Kozikode/Beyppore</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
a)Others	0	0	0	0	0	0	0	0	0
<b>2. Kovalam-Vizhinjam</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
a)Others	0	0	0	0	0	0	0	0	0
<b>TAMILNADU</b>									
<b>1. Ennore</b>	<b>44</b>	<b>0</b>	<b>44</b>	<b>42</b>	<b>0</b>	<b>42</b>	<b>44</b>	<b>0</b>	<b>44</b>
a)Fertiliser&FRM	44	0	44	0	0	0	0	0	0
b)Others	0	0	0	42	0	42	44	0	44
<b>2. Nagapattinam</b>	<b>36</b>	<b>0</b>	<b>36</b>	<b>41</b>	<b>0</b>	<b>41</b>	<b>47</b>	<b>0</b>	<b>47</b>
a)Edible Oil	36	0	36	41	0	41	47	0	47
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 - 2019-20, 2020-21 & 2021-22**

('000 Tonnes)

Port/Commodity	2019-20			2020-21			2021-22		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
<b>3. Cuddalore</b>	<b>276</b>	<b>0</b>	<b>276</b>	<b>259</b>	<b>0</b>	<b>259</b>	<b>303</b>	<b>0</b>	<b>303</b>
a)POL&Other Products	276	0	276	259	0	259	303	0	303
b)Others	0	0	0	0	0	0	0	0	0
<b>GOA</b>									
<b>Panaji</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
a) Iron ore	0	0	0	0	0	0	0	0	0
b) Coal	0	0	0	0	0	0	0	0	0
<b>ANDHRA PRADESH</b>									
<b>1. Kakinada Anchorage Poi</b>	<b>0</b>	<b>1149</b>	<b>1149</b>	<b>0</b>	<b>2785</b>	<b>2785</b>	<b>0</b>	<b>2906</b>	<b>2906</b>
a)Foodgrain	0	1149	1149	0	2785	2785	0	2906	2906
b)Fertiliser &FRM	0	0	0	0	0	0	0	0	0
c)Others	0	0	0	0	0	0	0	0	0
<b>2. Kakinada Deep Water Po</b>	<b>10106</b>	<b>2767</b>	<b>12873</b>	<b>9796</b>	<b>4221</b>	<b>14017</b>	<b>8370</b>	<b>4621</b>	<b>12991</b>
a)Fertiliser &FRM	3857	0	3857	0	0	0	2482	0	2482
b)Edible Oil	959	0	959	934	0	934	862	6	868
c)POL&Other Products	0	1	1	0	0	0	2	0	2
d)Iron ore	0	0	0	0	356	356	0	127	127
e)Coal	3084	0	3084	4406	0	4406	1726	33	1759
d)Building Material	60	45	105	0	0	0	0	0	0
g)Container	7	146	153	8	185	193	2	10	12
e)Others	2140	2575	4715	4449	3680	8129	3296	4445	7741
<b>3. Krishnapatinam</b>	<b>28658</b>	<b>7363</b>	<b>36022</b>	<b>24778</b>	<b>5602</b>	<b>30379</b>	<b>25925</b>	<b>5511</b>	<b>31436</b>
a)Fertiliser &FRM	1242	0	1242	1349	0	1349	1361	0	1361
b) Iron ore	48	335	383	55	177	231	541	0	541
c) Coal	21279	0	21279	19087	31	19118	18687	61	18748
d)Building Material	0	283	283	0	295	295	0	752	752
g)Container	2406	4306	6712	2021	2337	4358	1079	1137	2216
e)Others	3684	2439	6123	2266	2763	5029	4257	3562	7818
<b>4. Gangavaram</b>	<b>26806</b>	<b>5026</b>	<b>31832</b>	<b>23346</b>	<b>7113</b>	<b>30459</b>	<b>23146</b>	<b>4670</b>	<b>27815</b>
a)Fertiliser &FRM	1033	0	1033	966	0	966	1013	0	1013
b) Iron ore	52	3188	3240	55	4659	4714	0	1496	1496
c) Coal	19923	30	19953	16778	0	16778	16828	53	16880
d)Others	5798	1808	7606	5547	2454	8001	5305	3120	8425
<b>PUDUCHERRY</b>									
<b>Karaikal</b>	<b>7765</b>	<b>3</b>	<b>7768</b>	<b>10571</b>	<b>111</b>	<b>10683</b>	<b>3780</b>	<b>281</b>	<b>4061</b>
a))Building Material	105	3	108	0	0	0	0	0	0
b)Coal	6456	0	6456	4286	0	4286	2736	0	2736
c)Fertiliser &FRM	295	0	295	436	0	436	348	0	348
d)POL&Other Products	0	0	0	0	0	0	15	0	15
e) Iron ore	0	0	0	0	0	0	0	281	281
f)Salt	0	0	0	0	0	0	0	0	0
g)Others	908	0	908	5849	111	5961	681	0	681
<b>ODISHA</b>									
<b>Gopalpur</b>	<b>2053</b>	<b>2891</b>	<b>4944</b>	<b>3102</b>	<b>7168</b>	<b>10270</b>	<b>4027</b>	<b>3550</b>	<b>7578</b>
a)Fertiliser &FRM	0	0	0	0	0	0	0	0	0
b) Iron ore	0	2640	2640	0	6664	6664	0	2507	2507
c) Coal	354	0	354	727	0	727	940	0	940
d)Others	1698	251	1949	2375	505	2880	3087	1043	4130
<b>Dhamra</b>	<b>18807</b>	<b>7553</b>	<b>26360</b>	<b>20871</b>	<b>8301</b>	<b>29172</b>	<b>23805</b>	<b>7465</b>	<b>31270</b>
a) Iron ore	0	4244	4244	0	4405	4405	0	3162	3162
b) Coal	14271	0	14271	15611	0	15611	17508	0	17508
c)Others	4537	3309	7846	5260	3896	9156	6296	4303	10600

Source : State / UT Maritime Boards

Table 2.2.4

**Commodity-wise Coastal Cargo Traffic Handled At Select  
Non-Major Ports - 2019-20, 2020-21 & 2021-22**

('000 Tonnes)

Port/Commodity	2019-20			2020-21			2021-22		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
<b>GUJARAT</b>									
<b>1.Bedi</b>	<b>3</b>	<b>251</b>	<b>254</b>	<b>0</b>	<b>110</b>	<b>110</b>	<b>0</b>	<b>248</b>	<b>248</b>
a)Coal	0	251	251	0	55	55	0	0	0
b)Others	3	0	3	0	55	55	0	248	248
<b>2.Okha</b>	<b>0</b>	<b>1667</b>	<b>1667</b>	<b>121</b>	<b>1408</b>	<b>1530</b>	<b>343</b>	<b>1407</b>	<b>1750</b>
a)POL&Other Products	0	1579	1579	0	1243	1243	0	1407	1407
b) Other Ores	0	0	0	0	0	0	0	0	0
c)Coal	0	3	3	0	0	0	0	0	0
d) Others	0	85	85	121	165	286	343	0	343
<b>3.GAPL</b>	<b>1677</b>	<b>892</b>	<b>2569</b>	<b>2594</b>	<b>274</b>	<b>2868</b>	<b>2487</b>	<b>254</b>	<b>2741</b>
a)POL&Other Products	1331	311	1642	2396	32	2428	2345	39	2384
b)Coal	0	0	0	0	0	0	0	11	11
c) Iron Ore	335	0	335	105	0	105	80	0	80
d)Others	11	581	592	93	243	336	61	204	266
<b>4.Navlakhi</b>	<b>50</b>	<b>0</b>	<b>50</b>	<b>50</b>	<b>0</b>	<b>50</b>	<b>68</b>	<b>0</b>	<b>68</b>
a)Building Material	50	0	50	50	0	50	68	0	68
b)Others	0	0	0	0	0	0	0	0	0
<b>5.Mul-Dwarka</b>	<b>178</b>	<b>2989</b>	<b>3167</b>	<b>6</b>	<b>2422</b>	<b>2429</b>	<b>825</b>	<b>1995</b>	<b>2819</b>
a)Building Material	123	2801	2924	0	2422	2422	716	1995	2711
b)Coal	55	0	55	6	0	6	108	0	108
c)Others	0	188	188	0	0	0	0	0	0
<b>6.Sikka</b>	<b>979</b>	<b>9751</b>	<b>10730</b>	<b>275</b>	<b>7676</b>	<b>7951</b>	<b>799</b>	<b>9409</b>	<b>10208</b>
a) POL&Other Products	946	9656	10602	275	7655	7930	799	9409	10207
b) Salt	0	64	64	0	0	0	0	0	0
c) Others	33	31	64	0	21	21	1	0	1
<b>7.Magdalla</b>	<b>17324</b>	<b>2918</b>	<b>20242</b>	<b>15575</b>	<b>1279</b>	<b>16854</b>	<b>18660</b>	<b>1591</b>	<b>20250</b>
a) POL&Other Products	1825	506	2331	0	0	0	0	0	0
b)Building Material	1585	0	1585	1396	0	1396	1448	0	1448
c) Iron Ore	12628	402	13030	11042	176	11218	13816	551	14367
d) Iron & Steel	0	33	33	0	985	985	0	852	852
e) Others	1286	1977	3263	3137	117	3254	3396	188	3584
<b>8.Jafarabad</b>	<b>0</b>	<b>2905</b>	<b>2905</b>	<b>0</b>	<b>2905</b>	<b>2905</b>	<b>74</b>	<b>1729</b>	<b>1803</b>
a)Building Material	0	2905	2905	307	2199	2506	0	1637	1637
<b>9.Dahej</b>	<b>3249</b>	<b>230</b>	<b>3479</b>	<b>3142</b>	<b>314</b>	<b>3456</b>	<b>3607</b>	<b>319</b>	<b>3926</b>
a) POL&Other Products	3249	230	3479	3142	314	3456	3607	319	3926
b)Others	0	0	0	0	0	0	0	0	0
<b>10.GPPL</b>	<b>264</b>	<b>260</b>	<b>524</b>	<b>451</b>	<b>457</b>	<b>908</b>	<b>257</b>	<b>575</b>	<b>832</b>
a) POL&Other Products	0	0	0	0	0	0	0	0	0
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	264	260	524	439	452	891	196	241	438
e)Others	0	0	0	12	5	17	61	334	394
<b>GOA</b>									
<b>1. Panaji</b>	<b>0</b>	<b>8</b>	<b>8</b>	<b>0</b>	<b>35</b>	<b>35</b>	<b>5</b>	<b>22</b>	<b>27</b>
a) Iron ore	0	2	2	0	7	7	0	2	2
b) Others	0	6	6	0	29	29	5	20	25

**Table 2.2.4  
(Contd...)**

**Commodity-wise Coastal Cargo Traffic Handled At Select  
Non-Major Ports - 2019-20, 2020-21 & 2021-22**

('000 Tonnes)

Port/Commodity	2019-20			2020-21			2021-22		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
<b>MAHARASHTRA</b>									
<b>1.Ratnagiri</b>	<b>147</b>	<b>0</b>	<b>147</b>	<b>157</b>	<b>0</b>	<b>157</b>	<b>187</b>	<b>0</b>	<b>187</b>
a)Building Material	147	0	147	157	0	157	187	0	187
b) Others	0	0	0	0	0	0	0	0	0
<b>2.Dharamtar</b>	<b>12114</b>	<b>10</b>	<b>12124</b>	<b>12077</b>	<b>166</b>	<b>12243</b>	<b>12848</b>	<b>1774</b>	<b>14622</b>
a) Iron Ore	7114	4	7118	454	147	601	320	3	322
b)Building Material	109	0	109	95	0	95	99	0	99
c)Coal	3966	6	3972	3995	0	3995	4199	868	5066
d) Others	926	0	926	7533	18	7551	8230	904	9134
<b>3. Revdanda</b>	<b>442</b>	<b>171</b>	<b>613</b>	<b>391</b>	<b>133</b>	<b>524</b>	<b>157</b>	<b>113</b>	<b>270</b>
a) Iron Ore	442	152	595	390	124	513	155	113	268
b) Iron & Steel	0	18	18	0	9	9	0	0	0
c) Others	0	0	0	1	0	1	2	0	2
<b>4. Ulwa-Belapur</b>	<b>1711</b>	<b>71</b>	<b>1782</b>	<b>1303</b>	<b>32</b>	<b>1335</b>	<b>1871</b>	<b>9</b>	<b>1881</b>
a)Building Material	1710	56	1766	1303	25	1328	1871	6	1878
b) Others	1	15	16	0	7	7	0	3	3
<b>5.Dabhol</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>
a) Iron & Steel	0	0	0	0	0	0	0	0	0
b) Others	0	0	0	0	0	0	0	0	0
<b>6.Dahanu</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
a)Coal	0	0	0	0	0	0	0	0	0
<b>ODISHA</b>									
<b>1. Dhamra</b>	<b>0</b>	<b>3350</b>	<b>3350</b>	<b>0</b>	<b>3211</b>	<b>3211</b>	<b>0</b>	<b>2170</b>	<b>2170</b>
a) Coal	0	776	776	0	1049	1049	0	1117	1117
b) Iron Ore	0	2574	2574	0	2162	2162	0	984	984
c)Other	0	0	0	0	0	0	0	70	0
<b>2.Gopalpur</b>	<b>295</b>	<b>320</b>	<b>615</b>	<b>212</b>	<b>167</b>	<b>380</b>	<b>268</b>	<b>256</b>	<b>525</b>
a) Iron Ore	0	271	271	0	167	167	0	256	256
b)Salt	120	0	120	62	0	62	118	0	118
c)Others	175	49	224	151	0	151	150	0	150
<b>KERALA</b>									
<b>1.Kozikoda/ Beypore</b>	<b>12</b>	<b>116</b>	<b>127</b>	<b>12</b>	<b>92</b>	<b>104</b>	<b>0</b>	<b>0</b>	<b>0</b>
a)POL&other Products	0	23	23	0	25	25	0	0	0
b)Building material	0	2	2	0	0	0	0	0	0
c)Foodgrains	0	0	0	0	0	0	0	0	0
d)Others	12	91	102	12	68	79	0	0	0
<b>2)Koviam-Vizanjam</b>	<b>24</b>	<b>0</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
a)Others	24	0	24	0	0	0	0	0	0
<b>ANDHRA PRADESH</b>									
<b>1.Rawa Port</b>	<b>0</b>	<b>736</b>	<b>736</b>	<b>633</b>	<b>0</b>	<b>633</b>	<b>846</b>	<b>0</b>	<b>846</b>
a)Crude Oil	0	736	736	633	0	633	846	0	846
<b>2.Kakinada Anchorage Port</b>	<b>0</b>	<b>19</b>	<b>19</b>	<b>0</b>	<b>36</b>	<b>36</b>	<b>0</b>	<b>10</b>	<b>10</b>
a)Building material	0	19	19	0	36	36	0	10	10
b)Others	0	0	0	0	0	0	0	0	0
<b>3.Kakinada Deep Water</b>	<b>705</b>	<b>1789</b>	<b>2494</b>	<b>754</b>	<b>408</b>	<b>1163</b>	<b>588</b>	<b>497</b>	<b>1084</b>
a)POL&other Products	670	0	670	606	119	726	567	0	567
b)Chemical	0	0	0	0	0	0	0	0	0
c)Coal	0	1390	1390	0	131	131	0	451	451
d)Container	6	101	106	1	76	78	1	42	42
e)Other	30	299	329	146	82	228	20	4	24
<b>4.Gangavaram</b>	<b>147</b>	<b>2510</b>	<b>2657</b>	<b>0</b>	<b>2361</b>	<b>2361</b>	<b>0</b>	<b>2210</b>	<b>2210</b>
a)Iron Ore	109	1689	1798	0	2361	2361	0	2210	2210
b)Coal	38	27	65	0	0	0	0	0	0
c)Other	0	794	794	0	0	0	0	0	0

**Table 2.2.4  
(Contd...)**

**Commodity-wise Coastal Cargo Traffic Handled At Select  
Non-Major Ports - 2019-20, 2020-21 & 2021-22**

(’000 Tonnes)

Port/Commodity	2019-20			2020-21			2021-22		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
<b>5.Krishnapatinam</b>	<b>10463</b>	<b>1659</b>	<b>12122</b>	<b>6804</b>	<b>999</b>	<b>7803</b>	<b>8106</b>	<b>578</b>	<b>8684</b>
a)POL&other Products	0	0	0	0	0	0	0	0	0
b)Coal	9264	0	9264	6083	25	6108	8021	0	8021
c)Iron Ore	0	0	0	0	0	0	0	56	56
d)Building Material	0	448	448	0	468	468	0	434	434
e)Container	1173	1211	2384	672	497	1169	82	79	161
f)Other	26	0	26	49	9	58	3	10	13
<b>TAMIL NADU</b>									
<b>1.Nagapattinam</b>	<b>4</b>	<b>44</b>	<b>48</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
a)POL&other Products	0	44	44	0	0	0	0	0	0
b)Others	4	0	4	0	0	0	0	0	0
<b>2.Thirukkadaiyur</b>	<b>32</b>	<b>0</b>	<b>32</b>	<b>8</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>
a)POL&other Products	32	0	32	0	0	0	0	0	0
b)Others	0	0	0	8	0	8	0	0	0
<b>KARNATAKA</b>									
<b>1.Karwar</b>	<b>251</b>	<b>14</b>	<b>265</b>	<b>123</b>	<b>0</b>	<b>123</b>	<b>109</b>	<b>0</b>	<b>109</b>
a)POL&other Products	156	0	156	0	0	0	30	0	30
b)Salt	0	0	0	0	0	0	0	0	0
c)Others	96	14	109	123	0	123	79	0	79
<b>2.Mangalore</b>	<b>1</b>	<b>74</b>	<b>74</b>	<b>0</b>	<b>35</b>	<b>36</b>	<b>1</b>	<b>55</b>	<b>56</b>
a)Building Material	0	33	33	0	19	19	0	39	39
b)Others	1	41	42	0	16	16	1	16	17
<b>PUDUCHERRY</b>									
<b>1)Karaikal</b>	<b>1679</b>	<b>641</b>	<b>2319</b>	<b>2575</b>	<b>1277</b>	<b>3852</b>	<b>1278</b>	<b>479</b>	<b>1757</b>
a)POL&Other Products	0	385	385	0	420	420	0	336	336
b) Iron ore	273	0	273	54	0	54	0	0	0
c)Building Material	0	256	256	0	0	0	0	0	0
d)Coal	1406	0	1406	1224	0	1224	1278	0	1278
e)Others	0	0	0	1296	856	2153	0	143	143
<b>ANDAMAN &amp; NICOBAR</b>									
<b>1454</b>	<b>340</b>	<b>1794</b>	<b>980</b>	<b>261</b>	<b>1241</b>	<b>1112</b>	<b>338</b>	<b>1450</b>	
a)Building Material	466	123	590	303	59	362	320	75	395
b)POL&Other Products	187	1	188	144	3	147	170	3	173
c)Foodgrains	5	4	9	4	3	6	3	3	6
d) Iron & steel	16	2	18	10	1	11	13	1	15
e)Container	546	152	698	436	113	550	406	102	508
f)Others	234	58	292	82	82	165	199	152	352
<b>Lakshadweep</b>									
a)Building Material	-	-	-	108	8	116	178	7	184
b)POL&Other Products	-	-	-	18	0	18	17	0	17
c)Foodgrains	-	-	-	40	0	40	92	0	92
d)Others	-	-	-	32	3	35	57	4	61
	-	-	-	18	5	23	11	3	14

Source : State / UT Maritime Boards

: In building material include, cement & clinker

Table 2.2.5

## Manpower Employment At Non-Major Ports - 2021-22

(In No.)

States/UTs	Officers		Regular Workers		Casual Workers
	Sanctioned	Actual	Sanctioned	Actual	
1	2	3	4	5	6
Gujarat	273	136	1420	551	268
Maharashtra	60	42	56	42	108
Goa	12	6	165	152	0
Daman & Diu	1	0	12	4	1
Karnataka	151	30	84	21	0
Kerala	76	70	188	188	400
Tamil Nadu	47	15	88	21	6
Puducherry	158	153	162	113	1
Andhra Pradesh**	980	889	6479	6523	4325
Andaman & Nicobar Islands	297	204	59	19	19
Odisha	181	181	238	238	4646
Lakshadweep	-	-	-	-	-
<b>Total</b>	<b>2236</b>	<b>1726</b>	<b>8951</b>	<b>7872</b>	<b>9774</b>

\*\* Since Kakinada Anchorage Port & Rawa port is function under State Government.

Source : State / UT Maritime Boards

Table 2.2.6

## Physical Performance of Non-Major Ports (2020-21 &amp; 2021-22)

Maritime State/U.Ts./Port	No. of Vessels Left		Turn Round Time (hrs)		
	2020-21	2021-22	2020-21	2021-22	
1	2	3	4	5	
<b>GUJARAT</b>					
GUJARAT	11500	13065	N A	N A	
<b>MAHARASHTRA</b>					
MAHARASHTRA	1548	1995	-	10.4	
Bandra Group	6	-	NIL	-	
Mora Group	220	-	NIL	-	
Rajpuri Group	288	-	NIL	-	
Ratnagiri Group	1010	-	NIL	-	
Vengurla Group	24	-	NIL	-	
<b>KARNATAKA</b>					
KARNATAKA	128	120	72.0	48.0	
Malpe	-	-	-	-	
Hangakatta	-	-	-	-	
Mangalore	389	188	48.0	48-72	
Kundapur	-	-	-	-	
<b>TAMIL NADU</b>					
TAMIL NADU	11	10	-	-	
Cuddalore (Chemplast Jetty)	33	40	48.2	43.5	
Ennore	10	10	48.0	31.2	
Kattupalli	473	429	24-72	24-72	
Kundakulam	6	6	-	-	
<b>GOA</b>					
GOA	83	107	N.A	N.A	
<b>ANDHRA PRADESH</b>					
ANDHRA PRADESH	762	665	7.5	9.2	
Kakinada(Sea Port)	118	124	N.A	N.A	
Kakinada(Anchorage)	16	16	-	-	
Rawa	1110	984	56.2	69.5	
Krishnapatinam	495	434	7.0	83.9	
<b>KERALA</b>					
KERALA	-	-	-	-	
Kozhikode/Beyypore	-	-	-	-	
Koavalam/Vizhinjam	2	54	118.0	-	
Kollam	1	-	48.0	-	
Azhikkal	<b>ODISHA</b>				
ODISHA	871	-	70.0	-	
Dhamra	226	143	141.0	120.0	
Gopalpur	<b>PUDUCHERRY</b>				
PUDUCHERRY	129	113	-	68.6	
Karaikal	2	6	-	96.0	
Chemplast	-	-	-	-	
Puducherry	6808	8881	*	*	
ANDAMAN & NICOBAR	<b>ANDAMAN &amp; NICOBAR</b>				

\* 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
<b>MAJOR PORTS</b>									
2001-02	130.12	76.77	206.89	47.03	33.66	80.69	177.15	110.43	287.58
2006-07	225.55	143.26	368.81	52.57	42.40	94.97	278.12	185.66	463.78
2007-08	253.16	165.76	418.92	57.50	42.89	100.39	310.66	208.65	519.31
2008-09	260.97	166.49	427.46	57.70	45.65	103.34	318.67	212.14	530.80
2009-10	286.50	167.52	454.02	58.93	48.14	107.07	345.43	215.66	561.08
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
<b>NON-MAJOR PORTS</b>									
2001-02	49.18	19.76	68.94	10.45	16.13	26.58	59.63	35.89	95.52
2006-07	90.76	49.34	140.11	17.50	27.32	44.82	108.26	76.66	184.92
2007-08	107.04	70.27	177.31	16.87	12.20	29.07	123.91	82.47	206.38
2008-09	117.76	65.78	183.54	18.51	11.17	29.68	136.27	76.95	213.22
2009-10	159.89	83.62	243.51	24.71	20.72	45.43	184.60	104.34	288.94
2010-11	175.63	91.49	267.12	27.75	20.49	48.24	203.38	111.98	315.36
2011-12	210.17	90.38	300.55	28.68	24.51	53.19	238.85	114.89	353.74
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
<b>ALL PORTS</b>									
2001-02	179.30	96.53	275.83	57.48	49.79	107.27	236.78	146.32	383.10
2006-07	316.31	192.60	508.91	70.07	69.72	139.79	386.38	262.32	648.70
2007-08	360.20	236.03	596.23	74.37	55.09	129.46	434.57	291.12	725.69
2008-09	378.73	232.27	611.00	76.21	56.82	133.02	454.94	289.09	744.02
2009-10	446.39	251.14	697.53	83.64	68.86	152.50	530.03	320.00	850.02
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

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	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
1	2	2	3	4	5	6	7	8	9	10	11	12
<b>GUJARAT</b>	312787	341551	381436	396950	428592	439236	451181	480868	514598	534398	505138	532494
Deendayal	81880	82501	93619	87005	92497	99458	105442	110099	115401	122607	117566	127100
Other Ports	230907	259050	287817	309945	336095	339778	345739	370769	399197	411791	387572	405394
Overseas	269049	293675	332241	360005	388120	397416	405611	427913	452584	470752	450475	470962
Coastal	43738	47876	49195	36945	40472	41820	45570	52955	62014	63646	54663	61532
Loaded	98045	105648	114966	106602	119328	121522	124516	138375	147946	151922	149348	164865
Unloaded	214742	235903	266470	290348	309264	317714	326665	342493	366652	382476	355790	367629
<b>MAHARASHTRA</b>	133778	141863	146724	146181	152756	153995	160174	166812	177126	172806	157977	188361
Mumbai	54586	56186	58038	59184	61660	61119	63129	62902	60634	60696	53324	59891
J.L.Nehru	64317	65730	64488	62333	63801	64027	62151	66004	70706	68449	64809	75996
Other Ports	14875	19947	24198	24664	27295	28849	34894	37906	45786	43661	39844	52474
Overseas	105071	115242	119426	115954	116691	123351	118068	115790	122108	121913	110707	133111
Coastal	28707	26621	27298	30227	36065	30644	42106	51022	55019	50893	47270	55250
Loaded	41536	44571	44819	42718	42112	40086	41570	42453	47838	43168	54003	69331
Unloaded	92242	97292	101905	103463	110644	113909	118604	124359	129289	129638	103974	119030
<b>GOA</b>	64641	53519	21127	12023	15471	21206	33298	26969	17698	16025	22023	18483
Mormugao	50060	39049	17738	11739	14711	20776	33181	26897	17683	16017	21988	18456
Other Ports	14581	14470	3389	284	760	430	117	72	15	8	35	27
Overseas	63404	52384	20373	11298	14250	20105	32137	25176	14882	14455	20578	16343
Coastal	1237	1135	754	725	1221	1101	1161	1793	2816	1570	1445	2140
Loaded	55328	44222	11944	2334	3677	5667	17435	12510	4377	3154	9497	6044
Unloaded	9313	9297	9183	9689	11794	15539	15863	14459	13321	12871	12526	12439

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

**Cargo Traffic Handled At Indian Ports - By State**

(In '000 Tonnes)

Port/State/Type of Traffic	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
1	2	2	3	4	5	6	7	8	9	10	11	12
<b>KARNATAKA</b>	34645	33533	37646	39874	37217	36417	40643	42739	43552	40080	37285	40083
New Mangalore	31550	32941	37036	39365	36566	35582	39936	42059	42508	39145	36500	39296
Other Ports	3095	592	610	509	651	835	707	680	1044	935	785	787
Overseas	27684	27462	31261	33849	32108	30988	32090	32170	35252	29703	26454	28027
Coastal	6991	6071	6385	6025	5109	5429	8553	10569	8301	10376	10831	12056
Loaded	13094	9682	10028	10230	8543	7979	9003	9896	9993	9998	8909	11251
Unloaded	21251	23851	27618	29644	28674	28438	31640	32843	33560	30081	28376	28831
<b>KERALA</b>	17997	20194	19941	20976	21754	22239	25148	29281	32243	34194	31616	34691
Cochin	17873	20090	19845	20886	21595	22095	25007	29143	32021	34038	31503	34551
Other Ports	124	104	96	90	159	144	141	138	222	156	113	140
Overseas	13159	13306	13236	13110	14740	14784	17944	20492	21084	22940	20403	22715
Coastal	4838	6888	6705	7866	7014	7455	7204	8789	11159	11255	11213	11976
Loaded	3999	4400	3913	4262	4162	4030	4878	5906	6772	6850	7132	8533
Unloaded	13998	15794	16028	16714	17592	18209	20270	23375	25471	27344	24484	26158
<b>TAMILNADU</b>	99807	99978	100482	107950	116031	119969	119849	120014	122812	125950	108639	129266
V.O.Chidambaranar	25727	28105	28260	28642	32414	36849	38463	36583	34342	36076	31790	34119
Chennai	61460	55707	53404	51105	52541	50058	50214	51881	53012	46758	43553	48564
Kamarajar	11009	14956	17885	27337	30251	32206	30020	30446	34498	31746	25889	38742
Other Ports	1611	1210	933	866	825	856	1152	1103	960	11370	7407	7840
Overseas	79169	79509	79509	84936	92511	90432	91455	86752	88315	98356	77963	94749
Coastal	20638	20469	20973	23014	23520	29537	28394	33262	34497	27594	30676	34517
Loaded	30014	29039	29534	28968	30087	29894	30129	31197	30838	36777	32293	39071
Unloaded	69793	70939	70948	78982	85944	90075	89720	88817	91975	89173	76346	90195
<b>PONDICHERRY</b>	4728	6421	6909	6281	4958	5974	9112	8121	8370	10101	7330	5839
Other Ports	4728	6421	6909	6281	4958	5974	9112	8121	8370	10101	7330	5839
Overseas	4728	6408	6867	6244	4588	5707	7664	7964	6565	7782	5404	4081
Coastal	-	13	42	37	370	267	1448	157	1805	2319	1926	1757
Loaded	101	181	473	343	137	138	711	691	471	644	750	761
Unloaded	4627	6240	6436	5938	4821	5836	8401	7430	7899	9457	6580	5078
<b>ANDHRA PRADESH</b>	111308	113053	110849	117196	141422	129768	130623	149822	168635	172627	159480	157014
Visakhapatnam	68041	67420	59038	58504	58004	57035	61020	63537	65301	72722	69843	69030
Other Ports	43267	45633	51811	58692	83418	72733	69603	86285	103334	99905	89637	87984
Overseas	85177	84675	87211	93254	117496	104829	101851	122641	136631	138261	61178	122905
Coastal	26131	28378	23638	23942	23926	24939	28772	27181	32004	34365	98301	34108
Loaded	45180	40790	34972	36946	29705	27003	37492	39738	40134	48388	53917	49731
Unloaded	66128	72263	75877	80250	111717	102765	93131	110084	128501	124238	105562	107283

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

**Cargo Traffic Handled At Indian Ports - By State**

(In '000 Tonnes)

Port/State/Type of Traffic	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>ODISHA</b>	56503	59338	67620	82374	86463	91346	111432	124623	131488	147958	157582	157676
Paradip	56038	54254	56552	68003	71011	76397	88959	102028	109303	112689	114549	116133
Other Ports	465	5084	11068	14371	15452	14949	22473	22595	22186	35269	43033	41543
Overseas	45118	46361	47967	57004	60231	61920	81983	89047	88952	108584	123357	112777
Coastal	11385	12977	19653	25370	26232	29426	29449	35576	42536	39374	34225	44899
Loaded	25107	18281	19771	31477	47666	29156	42965	48047	54439	66380	75843	70272
Unloaded	31396	41057	47849	50897	38797	62190	68467	76576	77050	81578	81739	87404
<b>WEST BENGAL</b>	47545	43248	39928	41386	46293	50289	50951	57891	63763	63983	61368	58175
SMP (KDS)	12540	12233	11844	12875	15283	16782	16810	17390	18551	17303	15900	15298
SMP(HDC)	35005	31015	28084	28511	31010	33507	34141	40501	45212	46680	45468	42877
Other Ports	-	-	-	-	-	-	-	-	-	-	-	-
Overseas	39388	35837	33660	35400	38811	42982	43718	47458	52662	53437	55718	52374
Coastal	8157	7411	6268	5986	7482	7307	7233	10433	11101	10546	5650	5801
Loaded	17030	15280	12911	13962	10044	10912	13944	15541	14539	16409	16093	14684
Unloaded	30515	27968	27017	27424	36249	39377	37007	42350	49224	47574	45275	43491
<b>SEA-ISLANDS</b>	1705	1234	1092	1268	1275	1323	1276	1418	1495	1851	1548	1720
Other Ports	1705	1234	1092	1268	1275	1323	1276	1418	1495	1851	1548	1720
Overseas	342	10	7	51	17	45	48	138	67	56	191	86
Coastal	1337	1224	1085	1217	1258	1278	1228	1280	1427	1794	1357	1634
Loaded	352	195	205	305	269	279	289	306	321	340	269	344
Unloaded	1353	1039	887	963	1006	1044	987	1112	1173	1510	1279	1375
<b>ALL INDIA</b>	885444	913932	933754	972459	1052232	1071762	1133687	1208559	1281780	1319972	1249985	1323801
Major Ports	570086	560187	545831	555489	581344	605891	648473	679470	699171	704925	672682	720054
Other Ports	315358	353745	387923	416970	470888	465871	485214	529089	582609	615046	577303	603747
Overseas	732289	754869	771758	811105	879563	892559	932569	975542	1E+06	1E+06	952428	1058129
Coastal	153159	159063	161996	161354	172669	179203	201118	233017	262678	253733	297558	265672
Loaded	329786	312289	283536	278147	295730	276666	322932	344661	357667	384031	408055	434887
Unloaded	555358	601643	650218	694312	756502	795096	810755	863898	924113	935940	841931	888914

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 &amp; Coastal) At Indian Ports - By State

Port/State/Type of Traffic	('000 Tonnes)											
	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>GUJARAT</b>												
Deendayal	61241	60412	63402	61298	69737	78872	81591	81693	85276	88702	82279	87928
Other Ports	153502	175491	203068	227050	239527	238842	245074	260800	281376	293774	273511	279700
Total	214743	235903	266470	288348	309264	317714	326665	342493	366652	382476	355790	367628
Overseas	193891	214117	244380	265200	288934	298482	302649	315733	336719	351239	327947	336066
Coastal	20852	21786	22090	23148	20330	19232	24016	26760	29934	31237	27844	31562
<b>MAHARASHTRA</b>												
Mumbai	46527	47776	47824	50331	53141	54076	54612	55046	53683	51773	35938	40702
J. L. Nehru	33414	33218	33692	31233	34553	35359	34982	37362	39361	40962	35250	40533
Other Ports	12269	16298	20389	21899	22950	24474	29010	31951	36245	36904	32787	37796
Total	92210	97292	101905	103463	110644	113909	118604	124359	129289	129638	103975	119031
Overseas	70526	77379	82376	78836	83045	91276	87803	84403	88756	90579	77827	89958
Coastal	21684	19913	19529	24627	27599	22633	30801	39956	40533	39060	26147	29073
<b>GOA</b>												
Mormugao	9200	9132	9070	9405	11381	15369	15848	14449	13318	12871	12526	12439
Other Ports	113	165	113	284	413	170	15	10	3	0	0	5
Total	9313	9297	9183	9689	11794	15539	15863	14459	13321	12871	12526	12444
Overseas	8389	8477	8560	9166	11110	14806	15030	13398	10833	11481	11138	11176
Coastal	924	820	623	523	684	733	833	1061	2488	1390	1388	1268
<b>KARNATAKA</b>												
New Mangalore	21066	23684	27322	29254	28326	27981	31124	32243	32794	29260	27890	28456
Other Ports	185	167	296	390	348	457	516	600	765	821	486	375
Total	21251	23851	27618	29644	28674	28438	31640	32843	33559	30081	28376	28831
Overseas	17601	20358	23517	26021	25860	25662	26110	25161	26719	21848	20745	21077
Coastal	3650	3493	4101	3623	2814	2776	5530	7682	6840	8233	7630	7754
<b>KERALA</b>												
Cochin	13960	15775	16012	16696	17536	18182	20248	23363	25375	27306	24468	26024
Other Ports	38	17	16	18	56	28	22	12	96	38	17	134
Total	13998	15792	16028	16714	17592	18210	20270	23375	25471	27344	24484	26158
Overseas	10227	10563	10799	10611	12322	12147	14595	17444	18453	20132	17201	19127
Coastal	3771	5229	5229	6103	5270	6063	5675	5931	7017	7212	7283	7031
<b>TAMIL NADU</b>												
V.O.Chidambaran	18394	19561	19854	20978	23993	27367	27997	26171	24152	25823	22531	24434
Chennai	40325	36815	34374	32533	33688	32537	33332	34210	35679	30441	27660	29970
Kamarajar	9957	13712	16146	24922	27664	29602	27547	27829	31506	28220	22867	31838
Other Port	1117	851	574	549	599	569	844	607	638	4689	3288	3953
Total	69793	70939	70948	78982	85944	90075	89720	88817	91975	89173	76346	90195
Overseas	51041	52035	51749	57761	63866	62830	64312	59107	61073	64702	51483	59577
Coastal	17635	18904	19199	21221	22078	27245	25408	29710	30901	24470	24863	30618

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

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

('000 Tonnes)

Port/State/Type of Traffic	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>PONDICHERRY</b>												
Other Ports	4627	6240	6436	5938	4821	5836	8401	7431	7900	9457	6580	5078
Total	4627	6240	6436	5938	4821	5836	8401	7431	7900	9457	6580	5078
Overseas	4627	6240	6436	5938	4499	5569	7638	7275	6510	7778	5229	3800
Coastal	-	-	-	-	322	267	763	156	1390	1679	1351	1278
<b>ANDHRA PRADESH</b>												
Visakhapatnam	36128	38691	35274	33683	38760	39586	37281	41146	44295	47353	39251	40303
Other Ports	30000	33572	40603	46567	72957	63179	55850	68938	84206	76885	66111	66980
Total	66128	72263	75877	80250	111717	102765	93131	110084	128501	124238	105362	107283
Overseas	59427	64484	66651	71265	100759	90310	81319	99300	113415	109349	93300	92703
Coastal	6701	7779	9226	8985	10958	12455	11812	10784	15086	14890	12062	14580
<b>ODISHA</b>												
Paradip	31222	35993	39116	40672	46265	48230	53887	61502	63278	60423	57553	59303
Other Ports	174	5064	8733	10225	14051	13954	14580	15074	13772	21155	24186	28100
Total	31396	41057	47849	50897	60316	62184	68467	76576	77050	81578	81739	87403
Overseas	29832	38854	45581	48734	58440	60574	67802	75710	75624	80181	79912	85364
Coastal	1564	2203	2268	2163	1876	1610	665	865	1426	1397	1827	2039
<b>WEST BENGAL</b>												
SMP (KDS)	7258	7003	6471	6711	26432	10541	10118	10632	11598	10584	9694	8114
SMP (HDC)	23257	20965	20546	20713	9817	28836	26889	31718	37626	36990	35581	35677
Other Ports	-	0	0	0	0	0	0	0	0	0	0	0
Total	30515	27968	27017	27424	36249	39377	37007	42350	49224	47574	45275	43791
Overseas	25734	24409	24528	25073	31875	35293	33253	36358	42355	40680	41512	39981
Coastal	4781	3559	2489	2351	4374	4084	3754	5992	6869	6894	3763	3810
<b>SEA-ISLAND</b>												
Other Ports	1353	986	887	963	1006	1044	987	1111	1173	1510	1279	1375
Total	1353	986	887	963	1006	1044	987	1111	1173	1510	1279	1375
Overseas	342	10	7	51	17	45	48	138	67	56	191	86
Coastal	1011	976	880	912	989	999	939	973	1106	1454	1088	1290
<b>ALL INDIA</b>												
MAJOR PORTS	351949	362737	369103	378429	421293	446538	455456	477363	497941	490708	433487	465721
Other Ports	203378	238851	281115	313883	356728	348553	355299	386535	426172	445233	408243	423496
Total	555327	601588	650218	692312	778021	795091	810755	863898	924113	935940	841731	889218
Overseas	471637	516926	564584	598656	680727	696994	700559	734027	780525	798025	726485	758916
Coastal	83690	84662	85634	93656	97294	98097	110196	129871	143588	137915	115246	130302

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

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

Table 3.1.4

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

Port / State	('000 Tonnes)											
	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>GUJARAT</b>												
Deendayal	20639	22089	30217	25707	22760	20586	23851	28406	30125	33904	35287	39172
Other Ports	77405	83559	84749	82895	96568	100936	100665	109969	117821	118018	114061	125693
Total	98044	105648	114966	108602	119328	121522	124516	138375	147946	151922	149348	164865
Overseas	75158	79559	87861	94805	99186	98934	102962	112180	115865	119513	122529	134896
Coastal	22886	26089	27105	13797	20142	22588	21554	26195	32080	32409	26819	29969
<b>MAHARASHTRA</b>												
Mumbai	8059	8410	10214	8853	8519	7043	8517	7856	6951	8923	17385	19189
J. L. Nehru	30903	32512	30796	31100	29248	28668	27169	28642	31345	27487	29560	35463
Other Ports	2606	3649	3809	2765	4345	4375	5884	5955	9542	6757	7058	14679
Total	41568	44571	44819	42718	42112	40086	41570	42453	47838	43168	54003	69331
Overseas	34545	37863	37050	37118	33646	32076	30265	31387	33352	31334	32880	43153
Coastal	7023	6708	7769	5600	8466	8010	11305	11066	14486	11833	21123	26178
<b>GOA</b>												
Mormugao	40860	29917	8668	2334	3330	5407	17333	12448	4365	3146	9462	6017
Other Ports	14468	14305	3276	0	347	260	102	62	12	8	35	22
Total	55328	44222	11944	2334	3677	5667	17435	12510	4377	3154	9497	6039
Overseas	55015	43907	11813	2132	3140	5299	17107	11778	4049	2974	9440	5167
Coastal	313	315	131	202	537	368	328	732	328	180	57	872
<b>KARNATAKA</b>												
New Mangalore	10484	9257	9714	10111	8240	7601	8812	9816	9714	9884	8610	10839
Other Ports	2910	425	314	119	303	378	191	80	280	114	299	412
Total	13394	9682	10028	10230	8543	7979	9003	9896	9993	9998	8909	11252
Overseas	10083	7104	7744	7828	6248	5326	5980	7009	8533	7855	5711	8857
Coastal	3311	2578	2284	2402	2295	2653	3023	2887	1461	2143	3198	2394
<b>KERALA</b>												
Cochin	3913	4315	3833	4190	4059	3913	4759	5780	6646	6732	7036	8527
Other Ports	86	87	80	72	103	116	119	126	126	118	96	6
Total	3999	4402	3913	4262	4162	4029	4878	5906	6772	6850	7132	8533
Overseas	2932	2743	2437	2499	2418	2637	3349	3048	2631	2808	3202	3587
Coastal	1067	1659	1476	1763	1744	1392	1529	2858	4141	4042	3930	4945
<b>TAMIL NADU</b>												
V.O.Chidambanar	7333	8544	8406	7664	8421	9482	10466	10412	10190	10253	9259	9685
Chennai	21135	18892	19030	18572	18853	17521	16882	17671	17333	16317	15893	18594
Kamarajar	1052	1244	1739	2415	2587	2604	2473	2618	2992	3526	3022	6904
Other Ports	494	359	359	317	226	287	308	496	323	6681	4119	3888
Total	30014	29039	29534	28968	30087	29894	30129	31197	30838	36777	32293	39071
Overseas	33069	27474	27760	27175	28645	27602	27143	27645	27242	33654	26479	35100
Coastal	2192	1565	1774	1793	1442	2292	2986	3552	3596	3123	5814	3971

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

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

('000 Tonnes)

Port / State	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	
	1	2	3	4	5	6	7	8	9	10	11	12	13
<b>PONDICHERY</b>													
Other Ports	101	181	473	343	137	138	711	691	470	644	750	761	
Total	101	181	473	343	137	138	711	691	470	644	750	761	
Overseas	101	168	431	306	89	138	26	689	55	3	111	281	
Coastal	-	13	42	37	48	0	685	2	415	641	638	479	
<b>ANDHRA PRADESH</b>													
Visakhapatnam	31913	28729	23764	24821	19244	17449	23739	22391	21006	25369	30592	28727	
Other Ports	13267	12061	11208	12125	10461	9554	13753	17347	19128	23019	23525	21004	
Total	45180	40790	34972	36946	29705	27003	37492	39738	40134	48388	54117	49731	
Overseas	25750	20191	20560	21989	16737	14509	20532	23341	23216	28913	37327	30202	
Coastal	19430	20599	14412	14957	12968	12494	16960	16397	16918	19476	16790	19528	
<b>ODISHA</b>													
Paradip	24810	18261	17436	27331	24746	28167	35072	40526	46025	52267	56996	56830	
Other Ports	291	20	2335	4146	1401	995	7893	7521	8414	14114	18847	13443	
Total	25101	18281	19771	31477	26147	29162	42965	48047	54439	66380	75843	70273	
Overseas	15286	7507	2386	8270	1791	1346	14182	13336	13328	28403	43445	27253	
Coastal	9821	10774	17385	23207	24356	27816	28783	34711	41110	37977	32398	43020	
<b>WEST BENGAL</b>													
KDS	5282	10050	5373	6164	4578	6241	6692	6758	6953	6719	6206	7184	
HDC	11748	5230	7538	7798	5466	4671	7252	8783	7586	9690	9887	7200	
Other Ports	-	-	-	-	-	-	-	-	-	-	-	-	
Total	17030	15280	12911	13962	10044	10912	13944	15541	14539	16409	16093	14384	
Overseas	13654	11428	9132	10327	6936	7689	10465	11100	10307	12757	14206	12393	
Coastal	3376	3852	3779	3635	3108	3223	3479	4441	4232	3652	1887	1992	
<b>SEA-ISLANDS</b>													
Other Ports	352	248	205	305	269	279	289	306	321	340	269	344	
Total	352	248	205	305	269	279	289	306	321	340	269	344	
Overseas	-	-	-	-	0	0	0	0	0	0	0	0	
Coastal	352	248	205	305	269	279	289	306	321	340	269	344	
<b>ALL INDIA</b>													
Major Ports	218137	197450	176728	177060	160051	159353	193017	202107	201230	214217	239195	254332	
Other Ports	111980	114894	106808	103087	114160	117318	129915	142553	156436	169814	169060	180251	
Total	330117	312344	283536	280147	274211	276671	322932	344661	357666	384030	408255	434583	
Overseas	260346	238183	207174	212449	198836	195556	232011	241513	238577	268214	295331	300889	
Coastal	69771	74161	76362	67698	75375	81115	90921	103148	119089	115817	112924	133694	

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
1986-87	43.58	39.79	83.37	23.36	17.64	41.00	66.94	57.43	124.37
1987-88	49.95	40.15	90.10	23.39	21.11	44.50	73.34	61.26	134.60
1988-89	55.40	43.79	99.19	25.91	21.96	47.87	81.31	65.75	147.06
1989-90	54.13	45.26	99.39	26.72	21.46	48.18	80.85	66.72	147.57
1990-91	59.02	43.63	102.65	26.07	22.95	49.02	85.09	66.58	151.67
1991-92	59.91	44.89	104.80	26.66	25.18	51.84	86.57	70.07	156.64
1992-93	74.09	43.28	117.37	24.35	24.78	49.13	98.44	68.06	166.50
1993-94	76.02	53.48	129.50	24.81	24.71	49.52	100.83	78.19	179.02
1994-95	83.60	52.18	135.78	29.60	30.51	60.11	113.20	82.69	195.89
1995-96	94.86	57.24	152.10	31.79	31.32	63.11	126.65	88.56	215.21
1996-97	102.84	57.77	160.61	36.37	30.28	66.65	139.21	88.05	227.26
1997-98	117.43	62.25	179.68	38.55	33.43	71.98	155.98	95.68	251.66
1998-99	124.99	55.03	180.02	39.54	32.18	71.72	164.53	87.21	251.74
1999-00	133.80	56.63	190.43	49.92	31.62	81.54	183.72	88.25	271.97
2000-01	127.20	66.20	193.40	51.55	36.18	87.73	178.75	102.38	281.13
2001-02	130.12	76.77	206.89	47.03	33.66	80.69	177.15	110.43	287.58
2002-03	133.83	93.52	227.35	48.21	37.99	86.20	182.04	131.51	313.55
2003-04	148.13	110.66	258.79	48.53	37.48	86.01	196.66	148.14	344.80
2004-05	169.42	126.20	295.62	47.02	41.12	88.14	216.44	167.32	383.76
2005-06	199.48	133.64	333.12	44.22	46.23	90.45	243.70	179.87	423.57
2006-07	225.55	143.26	368.81	52.57	42.40	94.97	278.12	185.66	463.78
2007-08	253.16	165.76	418.92	57.49	42.90	100.39	310.65	208.66	519.31
2008-09	260.97	166.49	427.46	57.70	45.65	103.34	318.67	212.14	530.80
2009-10	286.50	167.52	454.02	58.93	48.14	107.07	345.43	215.66	561.09
2010-11	296.31	168.86	465.17	55.64	49.28	104.92	351.95	218.14	570.09
2011-12	306.76	147.80	454.56	55.98	49.65	105.63	362.74	197.45	560.19
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

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
1986-87	16.19	25.08	-	14.92	5.43	6.88	4.13	19.78	-	15.04	4.85	12.07	124.37
1987-88	18.08	29.57	-	13.33	6.11	6.80	4.26	22.82	-	15.37	5.19	13.07	134.60
1988-89	17.81	29.34	-	15.39	7.09	7.82	5.13	23.86	-	20.37	6.03	14.22	147.06
1989-90	18.92	27.75	0.70	14.17	7.66	7.12	5.32	23.94	-	21.12	6.18	14.69	147.57
1990-91	19.69	28.90	2.02	14.91	8.02	7.28	5.08	24.52	-	19.42	6.88	14.95	151.67
1991-92	21.00	26.26	2.79	15.10	8.27	7.48	5.87	25.05	-	21.52	7.30	16.00	156.64
1992-93	22.91	28.95	3.01	16.31	7.09	7.98	6.22	25.33	-	22.76	7.60	18.34	166.50
1993-94	24.50	30.51	3.38	18.72	8.63	7.62	6.70	26.54	-	25.59	8.33	18.50	179.02
1994-95	26.50	30.67	5.01	18.88	8.01	8.63	8.04	29.46	-	30.03	10.12	20.54	195.89
1995-96	30.34	33.92	6.87	18.09	8.88	11.50	9.29	30.72	-	32.82	11.26	21.52	215.21
1996-97	33.73	33.73	8.07	17.31	12.45	11.74	9.18	31.85	-	34.50	11.58	23.12	227.26
1997-98	38.90	32.10	8.90	21.18	15.28	12.32	9.98	35.53	-	36.01	13.30	28.16	251.66
1998-99	40.64	30.97	11.72	18.02	14.21	12.68	10.15	35.20	-	35.65	13.11	29.39	251.74
1999-00	46.30	30.41	14.98	18.23	17.60	12.84	9.99	37.44	-	39.51	13.64	31.03	271.97
2000-01	36.74	27.06	18.58	19.63	17.89	13.14	12.28	41.22	-	44.69	19.90	30.00	281.13
2001-02	37.73	26.43	22.52	22.93	17.50	12.06	13.02	36.12	3.40	44.34	21.13	30.40	287.58
2002-03	40.63	26.80	26.84	23.65	21.43	13.02	13.29	33.69	8.49	46.01	23.90	35.80	313.55
2003-04	41.52	30.00	31.19	27.87	26.67	13.57	13.68	36.71	9.28	47.74	25.31	41.26	344.80
2004-05	41.55	35.19	32.81	30.66	33.89	14.10	15.81	43.81	9.48	50.15	30.10	46.21	383.76
2005-06	45.91	44.19	37.84	31.69	34.45	13.89	17.14	47.25	9.16	55.80	33.11	53.14	423.57
2006-07	52.98	52.36	44.82	34.24	32.04	15.26	18.00	53.41	10.71	56.39	38.52	55.05	463.78
2007-08	64.92	57.04	55.84	35.13	36.02	15.81	21.48	57.15	11.56	64.60	42.44	57.33	519.31
2008-09	72.22	51.88	57.30	41.68	36.69	15.49	22.01	57.49	11.50	63.91	46.41	54.22	530.80
2009-10	79.50	54.54	60.76	48.85	35.53	17.43	23.79	61.06	10.70	65.50	57.01	46.42	561.09
2010-11	81.88	54.59	64.32	50.06	31.55	17.87	25.73	61.46	11.01	68.04	56.04	47.54	570.09
2011-12	82.50	56.19	65.73	39.05	32.94	20.09	28.11	55.71	14.96	67.42	54.25	43.25	560.19
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

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
<b>ALL PORTS</b>								
1987-88	58917	1417	4165	28748	12788	1672	26895	134602
1988-89	63166	1648	4738	32738	15468	3388	25915	147061
1989-90	61968	2921	5193	33186	17616	1493	25198	147575
1990-91	64004	2879	6064	31904	19659	1528	25627	151665
1991-92	67625	3153	6767	32101	22403	1539	23056	156644
1992-93	73959	3595	6318	29827	24488	2795	25515	166497
1993-94	77265	4183	5291	34096	26806	1964	29414	179019
1994-95	80753	4334	6667	34354	30798	1343	37641	195890
1995-96	90923	5727	6628	34562	33790	3852	39726	215208
1996-97	97854	3298	6633	33260	37530	3269	45413	227257
1997-98	104393	4797	7614	39611	42295	2904	50044	251658
1998-99	107574	4717	7837	34547	43605	3653	49805	251738
1999-00	117674	5641	8207	36382	43193	3003	57867	271967
2000-01	108382	3029	10305	40458	54524	1978	62455	281131
2001-02	103278	3492	10480	45764	51253	3914	69400	287581
2002-03	109570	2881	10285	50556	53040	8538	78683	313553
2003-04	122161	2855	8941	58853	54896	6839	90254	344799
2004-05	126441	3846	10670	76201	60647	3838	102112	383755
2005-06	142094	6624	10676	79217	68827	2133	113997	423568
2006-07	145878	7929	11139	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
<b>DEENDAYAL</b>								
1987-88	13395	207	191	...	...	812	3478	18083
1988-89	13238	235	204	...	...	580	3550	17807
1989-90	14354	302	730	...	...	436	3103	18925
1990-91	15062	308	737	...	...	585	2993	19685
1991-92	16503	365	936	...	...	940	2258	21002
1992-93	17951	448	945	...	...	600	2966	22910
1993-94	18157	824	1043	...	...	629	3847	24500
1994-95	18898	705	1174	...	...	689	5036	26502
1995-96	21126	676	1102	...	...	2038	5397	30339
1996-97	25061	366	1335	...	...	1951	5017	33730
1997-98	29036	732	1550	...	...	1386	6197	38901
1998-99	30468	588	1629	...	736	1697	5519	40637
1999-00	34612	1020	1746	...	829	1050	7046	46303
2000-01	25094	471	1694	...	624	1273	7585	36741
2001-02	22709	611	2129	...	381	2584	9314	37728
2002-03	23014	516	2429	...	255	5445	8974	40633
2003-04	23625	502	2169	...	244	4804	10179	41523
2004-05	22120	678	2441	...	229	2535	13548	41551
2005-06	24297	1678	2459	2	434	1379	15658	45907
2006-07	29711	2049	1944	234	704	2024	16316	52982
2007-08	38225	3916	160	419	1179	1373	19648	64920
2008-09	45538	5195	298	129	1874	1029	18161	72224
2009-10	46970	4912	788	661	3225	632	22312	79500
2010-11	48426	5807	583	817	3492	674	22081	81880
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

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

(’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
<b>MUMBAI (a)</b>								
1987-88	19384	174	992	...	-	572	8446	29568
1988-89	19063	162	1266	...	-	860	7991	29342
1989-90	18210	141	1082	...	-	432	7881	27746
1990-91	19670	46	621	...	-	625	7937	28899
1991-92	19512	37	457	...	-	340	5915	26261
1992-93	20303	39	928	...	-	544	7232	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
<b>J.L.NEHRU</b>								
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

(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
<b>MORMUGAO</b>								
1987-88	1132	54	178	11697	-	-	271	13332
1988-89	1321	127	221	13373	-	70	277	15389
1989-90	1043	245	146	12413	15	12	294	14168
1990-91	1369	166	148	12986	34	-	208	14911
1991-92	1865	127	251	12517	31	-	308	15099
1992-93	1784	244	204	13601	107	4	370	16314
1993-94	2098	141	135	15748	109	11	475	18717
1994-95	1938	70	191	15693	413	-	576	18881
1995-96	1911	56	174	14923	565	-	466	18095
1996-97	1218	39	214	14635	386	-	820	17312
1997-98	1134	43	225	18701	487	-	592	21182
1998-99	1047	86	155	15101	674	-	957	18020
1999-00	1143	112	154	14831	1219	-	767	18226
2000-01	1089	124	138	15663	1927	-	687	19628
2001-02	1153	159	274	17966	2725	-	651	22928
2002-03	1128	156	341	18666	2517	-	841	23649
2003-04	1321	129	389	22943	2397	-	695	27874
2004-05	1010	172	407	24717	3711	-	642	30659
2005-06	833	228	377	25314	4125	-	811	31688
2006-07	786	226	394	26741	5091	-	1003	34241
2007-08	874	192	-	27329	4244	-	2489	35128
2008-09	1038	182	-	33809	4556	-	2096	41681
2009-10	964	125	-	40574	4741	-	2443	48847
2010-11	939	232	-	40625	6566	-	1698	50060
2011-12	923	93	-	29370	6832	-	1831	39049
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
<b>NEW MANGALORE</b>								
1987-88	461	93	-	4357	-	-	1197	6108
1988-89	571	46	-	5011	-	62	1394	7084
1989-90	577	115	77	5877	-	-	1015	7661
1990-91	612	83	99	6125	-	-	1103	8022
1991-92	622	141	175	6493	-	-	843	8274
1992-93	630	241	115	5082	-	258	762	7088
1993-94	646	106	130	7060	-	19	669	8630
1994-95	742	87	162	6080	-	-	934	8005
1995-96	957	205	115	6639	41	-	927	8884
1996-97	5069	222	163	5945	19	106	929	12453
1997-98	6963	242	203	6536	99	325	914	15282
1998-99	7188	175	215	5334	61	368	865	14206
1999-00	9161	172	217	6387	117	315	1232	17601
2000-01	10918	198	252	5111	220	-	1192	17891
2001-02	9897	248	198	5783	233	-	1142	17501
2002-03	13450	249	152	6139	236	-	1204	21430
2003-04	17954	238	111	5414	93	15	2848	26673
2004-05	21434	354	215	10275	315	10	1288	33891
2005-06	22392	662	227	9307	513	7	1343	34451
2006-07	21868	972	286	6248	1047	88	1533	32042
2007-08	21782	831	9	9264	1691	57	2385	36019
2008-09	21328	905	13	9774	1929	111	2631	36691
2009-10	21339	820	13	7062	2810	161	3323	35528
2010-11	21551	784	4	3744	2856	116	2495	31550
2011-12	22245	804	21	3036	4022	58	2755	32941
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

**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
<b>COCHIN</b>								
1987-88	5366	110	757	...	-	23	546	6802
1988-89	6268	139	549	...	-	175	693	7824
1989-90	5589	209	680	...	-	45	601	7124
1990-91	5804	181	684	...	-	40	566	7275
1991-92	5881	148	821	...	-	19	612	7481
1992-93	6222	136	800	...	-	90	730	7978
1993-94	6101	39	704	...	-	-	776	7620
1994-95	6635	95	816	...	-	-	1085	8631
1995-96	9416	194	803	...	-	9	1081	11503
1996-97	9218	194	786	...	119	32	1393	11742
1997-98	9613	160	688	...	141	164	1557	12323
1998-99	9665	72	683	...	157	289	1815	12681
1999-00	9885	53	616	...	156	98	2033	12841
2000-01	9681	28	594	...	176	12	2653	13144
2001-02	8588	107	539	...	92	11	2722	12059
2002-03	9368	97	534	...	187	18	2820	13024
2003-04	9960	101	403	...	142	-	2966	13572
2004-05	10277	71	495	...	210	-	3050	14103
2005-06	9641	81	646	...	199	-	3321	13888
2006-07	10475	79	560	...	219	184	3740	15257
2007-08	11300	83	271	27	246	6	3877	15810
2008-09	10492	193	265	...	259	-	4285	15494
2009-10	11938	135	211	...	148	-	4997	17429
2010-11	12121	76	353	...	40	-	5283	17873
2011-12	14084	115	315	...	34	-	5542	20090
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
<b>V.O.Chidambaranar</b>								
1987-88	364	106	320	...	2904	70	497	4261
1988-89	468	145	532	...	2981	408	591	5125
1989-90	476	434	231	...	2926	159	1098	5324
1990-91	470	288	327	...	2635	110	1245	5075
1991-92	496	302	442	...	3116	75	1437	5868
1992-93	510	378	431	...	3162	189	1545	6215
1993-94	463	205	209	...	3937	29	1857	6700
1994-95	417	221	463	...	4495	-	2445	8041
1995-96	434	412	376	...	5620	16	2428	9286
1996-97	466	259	364	...	5493	131	2461	9174
1997-98	459	512	711	...	5578	146	2568	9974
1998-99	441	413	849	...	5204	194	3049	10150
1999-00	532	423	791	...	4163	196	3888	9993
2000-01	460	332	884	...	6293	149	4166	12284
2001-02	430	284	776	8	5997	405	5117	13017
2002-03	492	147	880	-	5539	704	5532	13294
2003-04	558	177	853	-	5789	337	5964	13678
2004-05	743	297	944	42	6601	130	7054	15811
2005-06	774	484	1167	-	7240	61	7413	17139
2006-07	626	678	792	-	5608	54	10243	18001
2007-08	464	1098	632	-	6112	443	12731	21480
2008-09	503	1147	677	-	6047	195	13442	22011
2009-10	514	1221	860	41	5603	150	15388	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

Table 3.2.3  
(Contd...)

## Commodity-wise Cargo Traffic Handled at Major Ports

(000 Tonnes)

Year	POL (Crude & Petroleum)	Fertiliser	Fertiliser Raw Material	Iron Ore	Coal	Food-grains	Others	Total
1	2	3	4	5	6	7	8	9
<b>CHENNAI</b>								
1987-88	7337	373	317	5400	1866	45	7481	22819
1988-89	8769	410	326	5746	2616	471	5225	23663
1989-90	8455	422	311	6046	3643	137	4926	23940
1990-91	8162	501	343	5549	4353	65	5545	24518
1991-92	8649	544	288	5406	5051	77	5031	25046
1992-93	8632	582	271	4838	5588	242	5178	25331
1993-94	9143	858	288	4540	5857	89	5766	26541
1994-95	11942	834	403	5149	6448	10	4678	29464
1995-96	11419	963	374	4951	7530	32	5452	30721
1996-97	11762	520	343	4665	8796	107	5655	31848
1997-98	11585	946	428	6232	10463	162	5715	35531
1998-99	10565	712	441	5445	11944	151	5944	35202
1999-00	10173	731	479	6259	12522	327	6952	37443
2000-01	8896	459	714	7049	14996	164	8942	41220
2001-02	8473	459	533	7482	9656	3	9509	36115
2002-03	8946	420	422	7945	5818	5	10131	33687
2003-04	9200	412	470	8359	5631	20	12618	36710
2004-05	11422	572	459	9615	7511	30	14197	43806
2004-05	13113	701	414	9527	7078	1	16414	47248
2006-07	12987	654	380	10531	3345	661	24856	53414
2007-08	12713	585	266	10781	9698	84	23027	57154
2008-09	13132	516	267	6846	9848	22	26860	57491
2009-10	13321	357	254	8027	3059	-	36039	61057
2010-11	13991	434	337	2114	2023	86	42475	61460
2011-12	13290	394	249	97	961	190	40526	55707
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
<b>Kamarajar</b>								
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
<b>VISAKHAPATNAM</b>								
1987-88	5566	108	642	5585	2516	34	920	15371
1988-89	6999	145	701	6930	3810	265	1522	20372
1989-90	6828	410	1115	6791	4221	113	1639	21117
1990-91	5598	459	1290	5496	4889	-	1689	19421
1991-92	6384	504	1325	6161	5648	27	1473	21522
1992-93	7592	484	1336	4960	6021	171	2201	22765
1993-94	7498	682	1092	5230	6624	46	4423	25595
1994-95	11237	790	1337	5551	7771	3	3340	30029
1995-96	12575	1104	1235	5710	8203	353	3637	32817
1996-97	13422	489	1134	5948	9057	405	4043	34498
1997-98	12116	1039	1214	6050	9934	300	5361	36014
1998-99	12503	1634	1251	7339	9180	361	3386	35654
1999-00	15288	2172	1163	7825	9534	261	3267	39510
2000-01	18336	829	907	9269	12185	173	2986	44685
2001-02	18583	986	1033	9199	10677	703	3163	44344
2002-03	16854	716	902	10433	9958	2196	4947	46006
2003-04	17427	838	941	12378	9392	1453	5307	47736
2004-05	14628	1367	1074	16587	10097	825	5570	50148
2005-06	16941	2295	1329	16170	12167	543	6356	55801
2006-07	18178	2618	1298	14718	11401	980	7192	56385
2007-08	18523	4572	716	18948	10367	486	10985	64597
2008-09	19758	3408	726	17519	11020	527	10950	63908
2009-10	18291	2909	775	18944	11722	226	12634	65501
2010-11	19242	3268	811	19347	11464	203	13706	68041
2011-12	17428	3719	832	16243	10063	517	18618	67420
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

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
<b>PARADIP</b>								
1987-88	-	9	470	1709	2305	-	694	5187
1988-89	-	-	648	1678	2394	50	1262	6032
1989-90	-	157	301	2059	2709	6	952	6184
1990-91	-	100	508	1748	3614	11	903	6884
1991-92	23	87	773	1524	3954	1	935	7297
1992-93	195	142	647	1346	4542	3	731	7606
1993-94	345	192	534	1518	4845	Neg.	893	8327
1994-95	380	125	691	1881	5830	-	1214	10121
1995-96	1066	134	956	1691	5909	20	1483	11259
1996-97	1693	102	699	1381	6513	26	1166	11580
1997-98	1737	116	1066	1435	7852	-	1096	13302
1998-99	2007	26	1127	797	8198	12	941	13108
1999-00	2219	55	1374	1025	7755	-	1208	13636
2000-01	2219	-	3370	2992	10097	-	1222	19900
2001-02	1993	-	3421	3546	10722	-	1449	21131
2002-03	1923	-	3055	4679	11722	-	2522	23901
2003-04	1365	-	2218	5934	14037	-	1757	25311
2004-05	839	-	3418	9051	14209	-	2587	30104
2005-06	910	-	2496	10273	16287	-	3143	33109
2006-07	1376	89	4173	11880	17130	-	3869	38517
2007-08	1765	136	3742	12960	15932	-	7902	42437
2008-09	3240	173	3397	14272	20162	-	5168	46412
2009-10	11647	81	3486	16159	19820	-	5818	57011
2010-11	12845	136	4226	13795	19340	-	5696	56038
2011-12	15091	236	4547	6556	21563	-	6261	54254
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
<b>SMP (KOLKATA/HALDIA)</b>								
1987-88	5912	183	298	-	3132	116	3430	13071
1988-89	6469	239	291	-	3605	447	3172	14223
1989-90	6436	384	388	-	4178	193	3110	14689
1990-91	7257	231	457	-	4134	92	2782	14953
1991-92	7690	275	479	-	4603	60	2893	16000
1992-93	8940	313	527	-	5068	117	3372	18337
1993-94	8696	224	288	-	5434	103	3751	18496
1994-95	9731	150	413	-	5841	25	4375	20535
1995-96	10742	162	579	-	5922	107	4003	21515
1996-97	10981	73	559	-	7147	17	4347	23124
1997-98	14337	66	636	-	7741	42	5335	28157
1998-99	15748	119	588	-	7451	133	5348	29387
1999-00	16463	136	754	-	6898	60	6715	31026
2000-01	14237	203	1043	374	8006	21	6116	30000
2001-02	13995	265	957	1780	7369	55	5982	30403
2002-03	16468	360	1022	2694	8323	7	6930	35804
2003-04	20236	250	866	3825	7894	81	8106	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

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
<b>DEENDAYAL</b>									
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
<b>Mumbai</b>									
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	22817	4090	26707	53683	6951	60634
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
<b>J.L.NEHRU</b>									
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	64268	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

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
<b>MORMUGAO</b>									
1996-97	1156	15260	16416	795	101	896	1951	15361	17312
1997-98	1122	19114	20236	856	90	946	1978	19204	21182
1998-99	1779	15335	17114	781	125	906	2560	15460	18020
1999-00	2278	14784	17062	1019	145	1164	3297	14929	18226
2000-01	2558	15813	18371	1132	125	1257	3690	15938	19628
2001-02	3564	18153	21717	1055	156	1211	4619	18309	22928
2002-03	3379	19076	22455	1001	193	1194	4380	19269	23649
2003-04	3241	23326	26567	1227	80	1307	4468	23406	27874
2004-05	4784	24741	29525	847	287	1134	5631	25028	30659
2005-06	5519	25255	30774	555	359	914	6074	25614	31688
2006-07	6426	26988	33414	624	203	827	7050	27191	34241
2007-08	6547	27539	34086	638	404	1042	7185	27943	35128
2008-09	6395	34255	40650	617	414	1031	7012	34669	41681
2009-10	6870	40429	47299	1022	526	1548	7892	40955	48847
2010-11	8293	40547	48840	907	313	1220	9200	40860	50060
2011-12	8312	29602	37914	820	315	1135	9132	29917	39049
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
<b>NEW MANGALORE</b>									
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	10839	39296
<b>COCHIN</b>									
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

**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
<b>V.O. CHIDAMBARANAR</b>									
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
<b>CHENNAI</b>									
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
<b>Kamarajar</b>									
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

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
<b>VISAKHAPATNAM</b>									
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
<b>PARADIP</b>									
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
<b>SMP (KOLKATA/HALDIA)</b>									
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	43790.84	14384.39	58175

**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
<b>ALL PORTS</b>									
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

Table 3.2.5

## Container Traffic Handled at Major Ports

(In Million Tonnes)

Item	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>1. LOADED</b>													
i) Indian Lines	3.94	2.23	3.33	2.72	2.75	1.78	2.48	3.96	4.85	6.50	7.32	6.46	9.29
ii) Foreign Lines	43.67	54.06	56.69	56.39	55.68	55.34	55.54	54.21	57.57	62.69	60.42	60.05	69.77
iii) Total	47.61	56.29	60.02	59.11	58.43	57.12	58.02	58.17	62.42	69.19	67.74	66.51	79.05
<b>2. UNLOADED</b>													
i) Indian Lines	3.61	1.65	3.11	2.55	3.45	3.25	4.23	6.22	7.39	9.70	10.01	6.75	8.36
ii) Foreign Lines	64.48	56.23	57.14	58.20	52.80	59.07	60.92	60.28	63.92	66.64	69.11	59.20	69.14
iii) Total	68.09	57.88	60.25	60.75	56.24	62.32	65.15	66.50	71.31	76.34	79.12	65.95	77.50
<b>3. Total</b>													
i) Indian Lines	7.55	3.88	6.44	5.27	6.20	5.03	6.71	10.18	12.24	16.20	17.33	13.21	17.65
ii) Foreign Lines	108.15	110.29	113.84	114.59	108.48	114.41	116.46	114.49	121.48	129.32	129.53	119.24	138.90
iii) Total	115.70	114.17	120.28	119.87	114.67	119.44	123.17	124.66	133.73	145.52	146.86	132.45	156.55
4. General Cargo (Break Bulk & Container)	132.59	146.47	156.14	158.09	149.85	154.57	158.66	163.01	172.82	178.07	170.72	156.89	168.75
% Of Container Cargo to general cargo	87.26	77.95	77.03	75.82	76.52	77.27	77.63	76.48	77.38	81.72	86.03	84.43	92.77

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
<b>LOADED</b>														
2003-04	1605	713	15616	77	61	1166	1585	4106	197	58	636	1436	-	27256
2004-05	1477	568	15399	72	71	1264	1961	4718	370	31	1070	1220	-	28221
2005-06	1340	614	17317	67	81	1100	2035	5664	365	48	1252	1044	-	30927
2006-07	1733	631	21582	79	158	1457	2444	6809	512	34	1610	1105	-	38154
2007-08	1546	866	27179	84	166	1553	2877	8679	678	57	1903	1383	-	46971
2008-09	1233	720	25931	87	186	1383	2807	9964	737	34	2307	1319	-	46708
2009-10	1437	58	24609	89	241	1960	3396	11410	884	52	2534	963	-	47633
2010-11	1595	87	26966	95	344	2177	4931	14381	1330	66	2799	1512	-	56283
2011-12	1813	53	28492	111	356	1854	6129	14536	2046	100	3255	1279	-	60024
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
<b>UNLOADED</b>														
2003-04	801	2103	12169	56	35	959	1102	4522	80	3	1110	839	-	23779
2004-05	1277	2003	13348	67	65	1059	1244	5146	265	-	1287	809	-	26570
2005-06	971	1531	16460	63	68	1388	1393	6093	266	1	1982	866	-	31082
2006-07	1045	949	19229	76	107	1492	1567	7357	287	0	2393	813	-	35315
2007-08	1070	766	24744	82	153	1630	2753	9371	455	1	3236	1014	-	45275
2008-09	903	571	24671	91	218	2139	2675	10617	624	0	3169	1054	-	46732
2009-10	995	549	28487	140	234	1969	3203	12067	794	0	4111	1105	-	53654
2010-11	991	566	29460	125	224	2242	3238	15040	1242	3	3421	1323	-	57875
2011-12	979	498	29741	168	289	2861	3098	15540	2167	9	3563	1340	-	60253
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
<b>TOTAL</b>														
2003-04	2406	2816	27785	133	96	2125	2687	8628	277	61	1746	2275	-	51035
2004-05	2754	2571	28747	139	136	2323	3205	9864	635	31	2357	2029	-	54791
2005-06	2311	2145	33777	130	149	2488	3428	11757	631	49	3234	1910	-	62009
2006-07	2778	1580	40811	155	265	2949	4011	14166	799	34	4003	1918	-	73469
2007-08	2616	1632	51923	166	319	3183	5630	18050	1133	58	5139	2397	-	92246
2008-09	2136	1291	50602	178	404	3522	5482	20581	1361	34	5476	2373	-	93440
2009-10	2432	607	53096	229	475	3929	6599	23477	1678	52	6645	2068	-	101287
2010-11	2586	653	56426	220	568	4419	8169	29421	2572	69	6220	2835	-	114158
2011-12	2792	551	58233	279	645	4715	9227	30076	4213	109	6818	2619	-	120277
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

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
<b>MUMBAI</b>									
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
<b>COCHIN</b>									
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
<b>CHENNAI</b>									
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

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
<b>PARADIP</b>									
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
<b>V.O.CHIDAMBANAR</b>									
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
<b>VISHAKHAPATNAM</b>									
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
<b>SMP (KOLKATA/HALDIA)</b>									
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

**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
<b>MORMUGAO</b>									
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
<b>NEW MANGALORE</b>									
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	-	-	-	-	-	-	-	-	-
<b>ALL MAJOR PORTS</b>									
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

(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

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	9373	1208	34386	-	-	-	-	-	2598	52349
	2008-09	221	2625	448	5319	636	10683	1212	37981	-	-	-	-	-	2517	56608
	2009-10	255	3095	437	5872	663	11910	1421	42561	-	-	-	-	-	2776	63438
	2010-11	226	2699	431	6017	684	13082	1351	43127	-	-	-	-	-	2692	64925
	2011-12	225	2738	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	333	5693	684	21606	1584	56923	-	-	-	1	37	2747	87380
	2018-19	245	6817	398	7091	716	24466	1544	55162	0	0	0	0	0	2903	93536
	2019-20	374	9927	382	6915	733	23453	1406	56773	0	0	0	0	0	3095	97088
	2020-21	402	9913	428	9227	720	233825	1487	57333	0	0	0	0	0	3047	91148
	2021-22	353	8909	486	7957	675	23809	1627	55953	-	-	-	-	-	3141	96628
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	19010	3	110	(c)	(c)	1883	30640	
	2005-06	220	2960	685	10790	235	4940	933	22300	-	-	(c)	(c)	2053	40990	
	2006-07	133	2120	749	11920	234	5640	970	24070	1	40	-	-	-	2087	43790
	2007-08	12	190	765	12250	234	6050	1055	25050	-	-	-	-	-	2066	43540
	2008-09	12	320	672	11380	233	6030	1014	23000	-	-	-	-	-	1931	40730
	2009-10	10	300	732	14600	283	7400	1021	24930	-	-	-	-	-	2046	47230
	2010-11	14	330	715	15400	336	9090	1027	26250	-	-	-	-	-	2092	51070
	2011-12	14	460	568	13900	333	9190	1102	27810	-	-	-	-	-	2017	51380
	2012-13	32	320	475	12870	370	10670	1031	26180	-	-	-	-	-	1908	52040
	2013-14	0	0	427	12080	379	11260	1013	27790	-	-	-	-	-	1819	51130
	2014-15	0	0	608	16250	367	11290	964	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	5568	1898	55374	
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	292	4964	-	-	1848(d)	5365	3917	51746	
	2004-05	1600	39120	28	108	32	344	356	4988	-	-	308(d)	2325	2324	46885	
	2005-06	1754	40657	64	1015	-	-	305	4920	-	-	1932(d)	2699	4055	49291	
	2006-07	2070	55113	13	106	46	513	321	5305	-	-	324(d)	662	2775	61699	
	2007-08	2339	65258	9	89	48	542	333	5516	-	-	390(d)	875	5140	72280	
	2008-09	2221	68407	7	78	57	647	428	7266	-	-	11	440	2724	76838	
	2009-10	2470	76079	10	113	66	724	524	9002	-	-	2	80	3072	85998	
	2010-11	2490	79106	60	528	71	791	507	3939	-	-	2644	4455	5772	88819	
	2011-12	2233	7374	67	669	168	669	461	3659	-	-	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	1928	86087	148	359	40	598	526	11204	-	-	-	-	2642	98248	
	2015-16	1935	53442	241	231	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	0	0	0	0	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	122112	
	2021-22	2077	59192	52	313	77	238	618	5179	-	-	-	-	2824	64922	
Mormugao	2000-01	50	824	14	212	350	11279	174	2491	-	-	-	-	588	14806	
	2001-02	54	773	11	124	349	13157	183	2682	-	-	-	-	597	16736	
	2002-03	80	427	23	371	365	12940	158	2643	-	-	-	-	626	16381	
	2003-04	62	388	15	165	416	15983	184	3110	-	-	-	-	677	19646	
	2004-05	37	196	7	110	290	9591	172	2926	-	-	-	-	506	12823	
	2005-06	38	227	7	72	443	16398	162	3053	-	-	-	-	650	19790	
	2006-07	39	274	21	366	492	17020	161	3111	-	-	-	-	699	20771	
	2007-08	37	302	19	329	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	-	-	-	-	398	11096	
	2014-15	69	622	118	2603	206	8109	126	2748	-	-	-	-	519	14082	
	2015-16	96	1231	89	1553	282	114									

**Table 3.2.8(Contd...)**

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

(GRT in '000)

Port	Year	Container		Break Bulk		Dry Bulk		Liquid Bulk		Lash		Ro-Ro		Total	
		No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Cochin	2000-01	348	3631	135	590	60	722	421	9971	1	34	-	-	965	14948
	2001-02	429	4297	130	567	59	785	359	9074	-	-	-	-	977	14723
	2002-03	433	4087	129	539	52	859	330	8650	-	-	-	-	944	14135
	2003-04	381	3737	141	372	50	684	338	9450	-	-	-	-	910	14243
	2004-05	314	3529	118	324	48	856	345	9637	-	-	-	-	825	14546
	2005-06	421	4616	109	618	50	848	387	9784	-	-	-	-	963	15926
	2006-07	383	5234	92	539	54	915	378	10550	-	-	-	-	907	17238
	2007-08	350	5703	73	304	31	688	352	11280	-	-	-	-	806	17975
	2008-09	335	4296	63	387	53	850	306	10112	-	-	-	-	757	15645
	2009-10	390	5096	44	348	59	865	381	12060	-	-	-	-	874	18369
	2010-11	360	5010	39	309	47	803	373	12629	-	-	-	-	819	18751
	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	570	72	984	381	13923	-	-	-	-	995	25019
	2014-15	528	9886	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	20862	0	0	0	0	1194	39092
V.O.Chidambanar	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	-	-	-	-	1436	18445
	2009-10	455	5832	299	1714	451	5955	175	1981	-	-	-	-	1380	19482
	2010-11	378	5404	381	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	6846	357	2169	459	13145	197	2864	-	-	-	-	1482	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
Chennai	2000-01	340	3600	335	3370	620	16310	442	8345	11	314	-	-	1748	31939
	2001-02	288	3589	312	2854	468	12779	472	8523	8	229	-	-	1548	29974
	2002-03	420	5394	350	3165	352	9768	435	8122	-	-	-	-	1557	26449
	2003-04	467	5800	275	2205	379	10370	449	8773	-	-	25	1092	1595	26240
	2004-05	416	5509	275	2514	441	11632	421	9806	-	-	49	1955	1602	31476
	2005-06	592	7238	357	5425	429	11727	415	10649	-	-	-	-	1793	35059
	2006-07	698	9252	476	6888	463	13065	422	10668	-	-	-	-	2059	39873
	2007-08	713	12933	346	3402	455	12713	423	11232	-	-	48	2049	1985	42329
	2008-09	710	13885	352	3760	441	12685	441	11273	-	-	74	3135	2018	44738
	2009-10	703	14901	345	3837	446	12658	494	12000	-	-	85	4411	2073	47807
	2010-11	812	16387	399	4574	309	8670	502	12813	-	-	101	4963	2123	47407
	2011-12	789	18819	334	4143	223	5715	507	13094	-	-	103	5432	1956	47203
	2012-13	786	18169	358	5387	183	4387	460	12423	-	-	93	5021	1980	45387
	2013-14	780	18014	293	4865	165	4160	459	11598	-	-	89	4851	1756	45289
	2014-15	762	18839	321	4738	175	4306	427	11493	-	-	105	5497	1790	44872
	2015-16	755	21459	242	3300	151	3202	445	11523	-	-	98	5052	1691	44535
	2016-17	705	21736	222	3157	172	3973	402	11285	-	-	99	3946	1600	44097
	2017-18	669	21844	279	3248	127	3322	478	12929	-	-	47	2583	1600	43926
	2018-19	683	22663	257	3203	120	5644	478	13123	0	0	38	2260	1576	46893
	2019-20	594	20414	277	3850	88	1794	430	12844	0	0	50	2488	1439	41390
	2020-21	604	18451	199	3067	87	2494	385	10915	0	0	35	1935	1310	36862
	2021-22	706	19345	224	3368	67	1983	406	11792	0	0	40	2458	1443	38946
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	413	14544	243	6387	-	-	-	-	779	27456
	2015-16	-	-	129	6780	426	15043	258	6596	-	-	-	-	813	28419
	2016-17	-	-	160	7720	375	13464	266	6876	-	-	-	-	801	28060
	2017-18	6	118	13	104	371	13572	253	7269	-	-	151	8293	794	29357
	2018-19	21	1040	22	195	418	15841	264	7637	0	0	152	8278	877	32991
	2019-20	65	2650	17	139										

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
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	20460	165	2674	-	-	-	-	1172	26846
	2004-05	10	101	144	369	882	23709	136	2467	-	-	-	-	1263	30843
	2005-06	14	146	102	226	1001	27470	146	3001	-	-	-	-	1355	34816
	2006-07	11	68	76	403	1098	30134	217	4211	-	-	-	-	1513	37549
	2007-08	19	134	118	577	1213	31861	232	4977	-	-	-	-	1553	39528
	2008-09	9	84	79	631	1226	33378	239	5435	0	0	-	-	1531	32600
	2009-10	12	118	41	453	1151	32160	327	11693	-	-	-	-	1580	36960
	2010-11	15	141	22	243	1098	30991	352	12623	-	-	-	-	1838	43291
	2011-12	30	289	75	604	904	27847	317	13593	0	0	0	0	1957	46188
	2012-13	32	416	53	517	883	28174	309	14348	0	0	0	0	2004	46463
	2013-14	27	287	24	244	1068	34393	325	15704	0	0	0	0	2051	48288
	2014-15	18	203	14	214	1033	35637	335	15910	0	0	0	0	2007	80291
	2015-16	25	123	26	135	1090	21955	390	10387	0	0	0	0		
	2016-17	11	46	54	570	1149	24050	366	12294	0	0	0	0		
	2017-18	22	147	81	935	1270	26995	465	15214	0	0	0	0		
	2018-19	25	191	84	928	1317	28703	531	16365	0	0	0	0		
	2019-20	29	231	102	1048	1324	28911	549	16274	0	0	0	0		
	2020-21	48	341	134	1445	1376	29887	483	14534	0	0	0	0		
	2021-22	43	734	135	3281	1304	49410	525	26865	0	0	0	0		
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	3483	-	-	2	22	763	8357
	2006-07	416	3508	238	1506	27	374	200	3930	-	-	11	120	891	9438
	2007-08	519	4053	280	1740	38	459	171	3554	-	-	11	112	1012	9946
	2008-09	526	4435	244	1529	42	557	240	3371	0	0	10	111	1057	9984
	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	1666	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	2696	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
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	1654	767	20836	958	26723	-	-	-	-	2358	53724
	2006-07	509	4592	121	1292	745	20691	997	28028	-	-	1	22	2300	54625
	2007-08	499	4372	102	1006	850	21953	969	29218	-	-	1	25	2421	54510
	2008-09	512	4567	81	800	769	20779	1046	30951	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	23387	853	18006	0	0	0	0	1864	45168
	2012-13	333	3465	89	1298	663	21049	858	15881	0	0	0	0	1843	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	2026	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	796	29336	844	24062	0	0	0	0	2038	55267
	2021-22	264	3383	77	1612	641	24368	974	25174	0	0	0	0	1956	54537
All Ports	2000-01	3711	45013	2201	19306	3594	87623	5311	112754	66	1894	114	2632	14997	269222
	2001-02	4188	55514	2376	20510	3555	91054	5153	110108	42	1251	256	2654	15570	281091
	2002-03	4482	64152	2653	24144	3655	93988	4955	112757	8	246	299	2780	16052	298067
	2003-04	4644	72624	2669	21003	4041	105747	5314	124254	2	80	1873	6457	18543	330165
	2004-05	4425	70425	2675	23081	4640	119073	5463	132332	3	110	357	17563	17563	349301
	2005-06	4919	75313	2957	31988	5218	138719	5873	145694	0	0	1934	2721	20901	394435
	2006-07	5281	93277	3133	34412	5393	142866	6148	158137	1	40	337	804	20168	429536
	2007-08	5439	105734	3133	30287	6204	157268	6401	170988	-	-	2471	6166	21529	470443
	2008-09	5353	109135	2729	28579	6259	162502	6625	175000	0	0	96	3713	21038	478185
	2009-10	5627	119801	2668	33554	6553	175092	7126	180236	-	-	-	4491	22061	513174
	2010-11	5604	124896	2696	34395	6198	164008	7340	190359	-	-	-	9481	24588	523139
	2011-12	5392	128567	2686	35292	5831	165574	7087	192020	-	-	2757	10141	23753	531593
	2012-13	5108	127461	2650	39855	5028	149879	6828	193104	0	0	2905	9761	22519	520060
	2013-14	4911	127968	2117	31796	5225	159075	6794	195254	0	0	100	5029	19147	519123
	2014-15	5047	139399	2500	43710	5328	171042	6884	196217	0	0	118	5708	19877	556075
	2015-16	5641	122930												

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 ware-housing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Exp.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>DEENDAYAL</b>													
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
<b>MUMBAI</b>													
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

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
<b>JAWAHARLAL NEHRU</b>													
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	2681.10	1801.73	481.82	389.87	1796.50	858.42	0.00	1.21	112.38	82.00	290.40	200.24	269.99
<b>MORMUGAO</b>													
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

**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
<b>NEW MANGALORE</b>													
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	13.81	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
<b>COCHIN</b>													
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	619.10	335.86	185.96	270.87	50.22	0.00	0.00	109.07	0.00	43.32	382.92	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
<b>V.O. CHIDAMBARANAR</b>													
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
<b>CHENNAI</b>													
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

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
<b>KAMARAJAR</b>													
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
<b>VISAKHAPATNAM</b>													
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

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

**Distribution of Revenue And Expenditure at Major Ports**

(Rs. in crores)

Port/ Year	Total Revenue	Total Expenditure	Port and Dock Charges including Pilotage		Cargo handling and warehousing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Exp.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>PARADIP</b>													
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	1178.48	500.20	217.01	904.46	129.61	263.04	52.16	64.61	76.58	163.42	496.08	207.05
<b>SMP (HALDIA DOCK COMPLEX)</b>													
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

**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
<b>SMP (KOLKATA DOCK SYSTEM)</b>													
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	1304.97	186.80	242.42	525.03	342.32	32.83	31.43	72.66	40.29	24.49	648.51	0.00
<b>ALL PORTS</b>													
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	17671.45	13590.93	5762.70	2620.93	8152.15	3264.31	747.62	342.66	1554.91	787.75	1454.07	5143.48	1431.80

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
<b>Operating Income</b>														
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	715.8	596.81	833.76	832.62	1525.9	1732.32	1691.46	733.93	15796.05
<b>Operating Expenditure</b>														
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

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
<b>Operating Surplus</b>														
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
<b>Net Surplus (before tax)</b>														
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

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

Table 3.2.12

**Employment of Manpower at Major Ports as on 31st March (2014-2022)**

(In Numbers)

PORT	Year								
	2014	2015	2016	2017	2018	2019	2020	2021	2022
1	2	3	4	5	6	7	8	9	10
DPA	3299	3112	2883	3339	2586	2446	2446	2023	2402
MbPA	12017	10897	9969	9445	8629	7540	6429	5404	4532
JNPA	1697	1669	1638	1615	1567	1521	1473	1403	862
MoPA	2330	2194	2068	1954	1730	1613	1517	1408	1283
NMPA	1332	1255	1125	947	808	732	626	482	417
CoPA	2530	2308	2067	1899	1723	1574	1394	1246	1110
VOCA	1646	1496	1366	1000	878	774	691	617	542
ChPTA	5991	5733	5502	4597	4336	4126	3953	3704	3470
KPL	102	102	102	103	98	108	102	99	94
VPA	4703	4596	4158	3678	2778	3348	3150	2969	2758
PPA	2015	1771	1454	1222	1007	910	758	639	558
SMP(KDS)	4503	4150	3792	3425	3754	2794	2527	2268	1978
SMP (HDC)	2678	2454	2193	2011	1836	1476	1252	1068	918
<b>ALL MAJOR PORTS</b>	<b>44843</b>	<b>41737</b>	<b>38317</b>	<b>35235</b>	<b>31730</b>	<b>28962</b>	<b>26318</b>	<b>23330</b>	<b>20924</b>

Source: Major Ports

**Table  
3.2.13****Number of Dock Workers Registered With DLB'S of Major Ports [ As  
on 31st March,2014-2022 ]****(In Numbers)**

PORT	year								
	2014	2015	2016	2017	2018	2019	2020	2021	2022
1	2	3	4	5	6	7	8	9	10
DPT	(a)	(a)	593	593	0	0	0	0	0
MbPT	(a)	(a)	1946	(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	892	868	829	798	738	707	628	571	541
SMP (KDS)	173	154	137	116	85	77	71	66	60
<b>TOTAL</b>	<b>1065</b>	<b>1022</b>	<b>3505</b>	<b>1507</b>	<b>823</b>	<b>784</b>	<b>699</b>	<b>637</b>	<b>601</b>

(a) Dock Labour Board merged with Port Trust.

**Table  
3.2.14****Number of Dock Workers Registered Listed With Major Ports IAs on  
31st March,2014-2022]****(In Numbers)**

PORT	Year								
	2014	2015	2016	2017	2018	2019	2020	2021	2022
1	2	3	4	5	6	7	8	9	10
ChPT	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
VPT	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

(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
<b>GUJARAT</b>									
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
<b>MAHARASHTRA</b>									
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
<b>GOA</b>									
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
<b>ANDHRA PRADESH</b>									
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

**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
<b>KARNATAKA</b>									
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
<b>KERALA</b>									
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
<b>TAMIL NADU</b>									
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
<b>PUDUCHERRY</b>									
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

**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
<b>ODISHA</b>									
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
<b>ANDAMAN NICOBAR ISLANDS</b>									
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
<b>LAKSHADWEEP</b>									
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	-	-	-	177.78	6.62	184.40	177.78	6.62	184.40
<b>TOTAL</b>									
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

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
<b>GUJARAT</b>								
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	287817
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
<b>MAHARASHTRA</b>								
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
<b>GOA</b>								
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

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
<b>ANDHRA PRADESH</b>								
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
<b>KARNATAKA</b>								
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
<b>KERALA</b>								
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

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
<b>TAMIL NADU</b>								
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
<b>PUDUCHERRY</b>								
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
<b>ODISHA</b>								
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

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
<b>ANDAMAN NICOBAR ISLANDS</b>								
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
<b>LAKSHADWEEP</b>								
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
<b>TOTAL</b>								
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

Table 3.3.3

## Transshipment Traffic at Non-Major Ports

(In '000 Tonnes)

State/Port	Commodity	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
1	2	3	4	5	6	7	8	9
<b>GUJARAT</b>								
Magdalla	Others	414	-	-	-	-	-	-
<b>MAHARASHTRA</b>								
	Others	-	-	-	-	-	4355	-
<b>ANDHRA PRADESH</b>								
Krishnapatnam	Container	-	-	-	-	-	2329	-
<b>Karnataka</b>								
Belekeri	Barges	-	1	-	-	-	-	-
Hangakatta	Barges	-	1	-	-	-	-	-
Malpe	Barges	-	1	-	-	-	-	-
<b>TAMIL NADU</b>								
Nagapattinam	Others	2	1	-	-	-	-	-
Cuddalore		-	2	-	-	-	-	2
<b>Orissa</b>								
Dharma	Others	-	-	-	-	2736	-	-
	POL-Crude	-	-	-	-	-	3446	-
	LPG/LNG	-	-	-	-	-	-	3770
<b>Kerala</b>								
Kollam	Others	-	-	-	-	-	1	-
Koavalam/Vizhinjar	Others	-	-	-	-	-	-	1
<b>PUDUCHERRY</b>								
Karaikal	Ethylene	9	-	-	-	-	-	-
<b>ANDAMAN &amp; NICOBAR</b>								
All Ports	Container	6	34	30	46	66	32	17
	Others	-	-	-	-	1	0	0
<b>Total Transhipmer</b>		431	40	30	46	2802	10163	3790

**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

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

Table 3.3.6

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

(In Number)

Type of vessels/year	Gujarat	Maharashtra	Goa	Karnataka	Kerala	Tamil Nadu	Puducherry	Andhra Pradesh *	Odisha	Sea Island #
1	2	3	4	5	6	7	8	9	10	11
<b>STEAMERS</b>										
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
<b>SAILING VESSELS</b>										
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
<b>TOTAL</b>										
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

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

\* Data relates to Andhra Pradesh is only Deep water port

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

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

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

## **SECTION – II**

### ***4. INTERNATIONAL PORT STATISTICS***

Table 4.1

### World Port Traffic - Port traffic league by TEU of total Containers Handled - 2016-2020

(in '000 TEU)

Rank (2020)	Port Name	Country	Period	2016	2017	2018	2019	2020	Percentage change over previous year	Avg. yearly growth rate 2016-2020
1	2	3	4	5	6	7	8	9	10	11
1	Shanghai	China PR of	CY	37132	40233	41924	43308	43503	0.5	3.2
2	Singapore	Singapore	CY	30904	33667	36599	37196	36871	-0.9	3.6
3	Ningbo-Zhoushan	China PR of	CY	21586	24451	26702	27451	28709	4.6	5.9
4	Shenzhen	China PR of	CY	23949	25031	25775	25548	26548	3.9	2.1
5	Guangzhou	China PR of	CY	18311	20087	21547	22747	23186	1.9	4.8
6	Qingdao	China PR of	CY	18050	18310	19320	21010	22010	4.8	4.0
7	Busan	Korea Rep.of	CY	19245	19977	21663	21992	21824	-0.8	2.5
8	Tianjin	China PR of	CY	14269	15212	16124	17345	18351	5.8	5.2
9	Hong Kong	China PR of	CY	19813	20770	19596	18303	17969	-1.8	-1.9
10	Rotterdam	Netherland	CY	12385	13734	14513	14821	14349	-3.2	3.0
11	Dubai Ports	UAE	CY	14772	15368	14954	14802	13590	-8.2	-1.7
12	Port Kelang	Malaysia	CY	13201	11978	12316	13581	13244	-2.5	0.1
13	Antwerp	Belgium	CY	10037	10451	11100	11860	12031	1.4	3.7
14	Xiamen	China PR of	CY	9630	10368	10689	11081	11463	3.4	3.5
15	Tanjung Pelepas	Malaysia	CY	8013	8261	8961	9077	9846	8.5	4.2
16	Saigon Port	Vietnam	CY	5888	6156	6506	7554	9724	28.7	10.6
17	Kaohsiung	Taiwan	CY	10465	10271	10446	10429	9622	-7.7	-1.7
18	Los Angeles	US	CY	8391	9343	9459	9338	9213	-1.3	1.9
19	Hamburg	Germany	CY	8907	8815	8726	9258	8522	-7.9	-0.9
20	Long Beach	US	CY	6775	7545	8091	7747	7661	-1.1	2.5
21	Laem Chabang	Thailand	CY	7430	7784	8105	7981	7598	-4.8	0.4
22	New York/New Jersey	US	CY	6252	6711	7180	7471	7586	1.5	3.9
23	Tanger	Morocco	CY	2964	3271	3472	4802	5771	20.2	14.3
24	Valencia	Spain	CY	4732	4832	5169	5440	5428	-0.2	2.8
25	Piraeus	Greece	CY	3736	4120	4886	5646	5202	-7.9	6.8
26	Dalian	China PR of	CY	9735	10751	9895	8760	5110	-41.7	-12.1
27	Algeciras-La Linea	Spain	CY	4781	4381	4773	5125	5108	-0.3	1.3
28	Tanjung Priok	Indonesia	CY	4935	5515	5835	5560	5062	-9.0	0.5
29	Bremen Ports/Bremerhaven	Germany	CY	5518	5514	5448	4857	4771	-1.8	-2.9
30	Jeddah	Saudi Arabia	CY	3957	4151	4117	4434	4737	6.8	3.7
31	Savannah	US	CY	3645	4046	4352	4599	4682	1.8	5.1
32	Jawaharlal Nehru	India	CY	4500	4810	5133	5031	4677	-7.0	0.8
33	Manila	Philippines	CY	4427	4270	5085	5316	4434	-16.6	0.0
34	Mina Raysut (Salalah)	Oman	CY	3325	3940	3385	4116	4344	5.5	5.5
35	Tokyo	Japan	CY	4735	5049	5108	4682	4262	-9.0	-2.1
36	Santos	Brazil	CY	3564	3854	4122	4165	4232	1.6	3.5
37	Khor Fakkan/Shrajah	UAE	FY	4903	4717	4066	4143	4002	-3.4	-4.0
38	Saigon NewPort	Viet Nam	CY	1989	2439	2922	3433	3873	12.8	14.3
39	Felixtowe	UK	CY	4016	4160	3781	3838	3544	-7.7	-2.5
40	East Port Port Said	Egypt	CY	3203	3480	3105	3658	3510	-4.0	1.8
41	Metro Vancouver	Canada	CY	2930	3242	3396	3399	3468	2.0	3.4
42	Nortwest Seaporta all	US	CY	3616	3665	3798	3775	3320	-12.1	-1.7
43	Gioia Tauro	Italy	CY	3796	3391	4005	2982	3320	11.3	-2.6
44	Inchon	Korea, Rep. Of	CY	2679	3049	3121	3085	3243	5.1	3.9
45	Keelung	Taiwan	CY	2866	2972	3132	3076	3151	2.4	1.9
46	Cartagena	Colombia	CY	2344	2678	2863	2995	3128	4.4	5.9
47	Melbourne	Australia	FY	2697	2929	3021	2700	3104	15.0	2.9
48	Houston	US	CY	2183	2459	2700	2987	3001	0.5	6.6
49	Barcelona	Spain	CY	2180	2998	3433	3324	2958	-11.0	6.3
50	Manzanillo, MX	Mexico	CY	2581	2830	3079	3069	2910	-5.2	2.4

Period: CY= calendar year FY= Fiscal year

Source: Shipping Statistics Year Book 2021, Institute of Shipping Economic and Logistics (ISL)

Table 4.2

## World Port Traffic - Port Traffic League by Total Cargo Traffic 2016-2020

(In Million Tons)

S.No.	Port position(a)	Country	Nature	Period	Unit	2016	2017	2018	2019	2020	% change over previous year	Avg. Yearly growth 2016-2020
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Ningbo- Zhoushan	China, PR of	1	CY	MT	922	1009	1084	1120	1172	4.7	6.2
2	Shanghai	China, PR of	1	CY	MT	645	705	684	664	651	-1.9	0.2
3	Guangzhou	China, PR of	1	CY	MT	523	570	594	606	612	1.0	4.0
4	Qingdao	China, PR of	1	CY	MT	500	510	543	577	605	4.7	4.8
5	Singapore	Singapore	1	CY	FT	593	628	630	627	591	-5.7	-0.1
6	Port Hedland	Australia	1	FY	MT	485	505	513	539	546	1.4	3.0
7	Rotterdam	Netherlands	1	CY	MT	461	467	469	469	437	-6.9	-1.3
8	Busan	Korea, Rep. Of	1	CY	RT	362	401	461	469	411	-12.3	3.2
9	Tianjin	China, PR of	1	CY	MT	428	361	366	380	388	2.2	-2.4
10	Dalian	China, PR of	1	CY	MT	318	334	343	339	334	-1.3	1.2
11	Kwangyang	Korea, Rep. Of	1	CY	RT	283	292	302	310	273	-11.7	-0.9
12	Shenzhen	China, PR of	1	CY	MT	214	241	251	258	265	2.8	5.5
13	Hong Kong	China PR of	1	CY	MT	257	282	259	263	249	-5.3	-0.7
14	Itaqui	Brazil	1	CY	MT	180	189	235	230	232	1.0	6.6
15	Antwerp	Belgium	1	CY	MT	214	224	235	238	231	-3.0	1.9
16	South Louisiana	US	1	CY	MT	268	279	275	235	227	-3.2	-4.0
17	Port Kelang	Malaysia	1	CY	MT	245	212	221	243	223	-8.2	-2.4
18	Los Angeles	US	1	CY	MT	198	195	207	183	222	21.3	2.9
19	Houston	US	1	CY	MT	224	246	244	226	218	-3.6	-0.8
20	Xiamen	China, PR of	1	CY	MT	209	241	217	213	208	-2.8	-0.2
21	Qinhuangdao	China, PR of	1	CY	MT	180	238	222	211	194	-8.2	1.9
22	Ulsan	Korea, Rep. Of	1	CY	RT	198	202	203	202	188	-7.1	-1.2
23	Dubai Ports	UAE	2	CY	MT	172	179	174	173	174	0.5	0.2
24	Nagoya	Japan	1	CY	RT	193	196	197	194	169	-13.3	-3.4
25	Dampier	Australia	1	FY	MT	168	177	173	168	167	-0.3	0.0
26	Long Beach	US	1	FY	RT	160	167	181	179	167	-6.9	1.1
27	Newcastle	Australia	1	CY	MT	168	167	165	171	164	-4.0	-0.5
28	Inchon	Korea, Rep. Of	1	CY	RT	161	165	164	157	152	-35.0	-1.5
29	Santos	Brazil	1	CY	MT	114	130	133	134	147	9.4	6.5
30	Metro Vancouver	Canada	1	CY	MT	136	142	147	144	145	0.9	1.8
31	Tanjung Pelepas	Malaysia	1	CY	MT	127	131	140	137	145	5.4	3.3
32	Chiba	Japan	1	CY	FT	154	153	153	140		-8.6	-2.7
33	Hamburg	Germany	1	CY	MT	138	136	135	137	126	-7.6	-2.2
34	Gladstone	Australia	1	FY	MT	120	121	124	122	123	0.5	0.5
35	Yanbu	Saudi Arabia	1	CY	MT	67	66	128	130	115	-11.3	14.6
36	Paradip	India	1	FY	MT	89	102	109	113	115	1.7	6.5
37	Kaohsiung	Taiwan	1	CY	MT	117	116	119	114	109	-4.8	-1.8
38	Pyeongtaek	Korea, Rep. Of	1	CY	RT	113	112	115	113	107	-5.6	-1.4
39	Saigon Port	Viet Nam	1	CY	MT	103	95	114	110	107	-2.8	0.8
40	Algras-La Linea	Spain	1	CY	MT	97	96	103	105	104	-1.2	1.7
41	Ust-Luga	Russia	1	CY	MT	93	103	99	104	103	-1.2	2.4
42	Corpus Christi	US	1	CY	MT	86	93	96	96	101	4.7	4.2
43	Hay Point	Australia	1	FY	MT	106	120	118	111	98	-11.3	-2.0
44	Chittgong	Bangladesh	1	CY	MT	80	93	98	102	98	-3.3	5.3
45	Itaguaí	Brazil	2	CY	MT	119	113	116	89	98	10.0	-4.8
46	Richards Bay	South Africa	1	CY	MT	99	100	103	99	95	-3.5	-1.1
47	Yokohama	Japan	1	CY	FT	109	114	114	111	94	-15.4	-3.8
48	Amsterdam Ports	Netherlands	1	CY	MT	96	99	100	104	89	-13.9	-1.8
49	Kitakyushu	Japan	1	CY	FT	99	102	102	99	88	-10.3	-2.7
50	Laem Chabang	Thailand	2	CY	M.T	78	83	86	84	86	1.7	2.3

Note: Data presented in Tables, in terms of tons handled, need a careful interpretation as ft, rt, hrand 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 matric tons) : MT=Metric tons. RT = Revenue tones, FT= Freight tones

Source: Shipping Statistics Year Book 2021 Published by Institute of Shipping Economics and Logistics (ISL)

Table 4.3

## Cargo Traffic - For Selected Ports in Asia - 2016-2020

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
<b>Hongkong</b>													
(China)	2016	105957	150774	256731	0.1	73.0	19.5	7.5	09507	10306	19813	-1.3	93.9
	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
<b>Shanghai</b>													
(China)	2016			644820	9.4	...	...	...	...	...	37132	1.7	...
	2017			705420	-3.0						40233	8.4	...
	2018			683920	-3.0						41924	4.2	
	2019			663510	-1.9						43308	3.3	
	2020			651050	-1.4						43503	0.5	
<b>Chiba(a)</b>													
( Japan)	2016	44133	110199	154332	-1.2	20.2	18.5	61.3	...	...	...	...	...
	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	24	18	58					
<b>Port Kelang(a)</b>													
(Malaysia)	2016	113709	121748	235457	7.1	92.4	4.8	2.9	6617	6583	13200	11.1	96.0
	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
<b>Singapore(a)</b>													
(Singapore)	2016	...	...	593297	3.0	59.5	3.1	37.3	...	...	30904	-0.1	92.9
	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

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

**Cargo Traffic - For Selected Ports in Asia - 2016-2020**

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
<b>Dubai</b>													
(UAE)	2016	67072	105368	172440	1.3	97.1	...	...	6864	7908	14772	-5.2	...
	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	...	...	...	...	13590	-8.2	...
<b>Manila</b>													
(Philippines)	2016	19593	45464	65057	13.4	94.7	2.8	2.5	2187	2240	4427	11.4	89.0
	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
<b>Colombo</b>													
(Sri Lanka)	2016	33641	48580	82221	11.5	...	...	5.8	...	...	1600	-3.7	...
	2017	35484	51035	86519	5.2	...	...	6.8	...	...	1810	13.2	...
	2018	37080	51955	89035	2.9	...	...	6.3	...	...	2062	13.9	...
	2019	30653	49229	79882	-10.3	...	...	7.9	...	...	1982	-3.9	...
	2020	31029	45099	76128	-4.7	92.1	2.6	5.4	804	809	1613	-18.6	98.5
<b>Busan(b)</b>													
(South Korea)	2016	187665	174705	362370	0.7	95.9	2.1	2.0	9651	9595	19246	-1.1	97.2
	2017	213445	187787	401232	10.7	96.5	2.8	0.6	10304	9673	19977	3.8	...
	2018	237042	224419	461461	15.0	94.6	3.4	2.0	10808	10854	21662	8.4	...
	2019	240450	228311	468761	1.6	88.1	10.1	1.8	10950	11042	21992	1.5	...
	2020	209246	201707	410953	-12.3	93.3	3.6	3.0	10961	10863	21824	-0.8	...
<b>Bangkok</b>													
(Thailand)	2016	11966	9823	21789	-0.3	95.7	...	4.3	616	874	1490	-4.4	90.8
	2017	11287	9275	20562	-5.6	100.0	...	...	629	868	1497	0.4	92.3
	2018	11224	9024	20248	-1.5	100.0	...	...	653	836	1489	-0.5	93.5
	2019	12462	8144	20606	1.8	100.0	...	...	577	887	1464	-1.7	...
	2020	13161	8289	21450	4.1	100.0	...	...	571	864	1435	-2.0	90.3

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

Source : Shipping Statistics Year Book 2021 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@	Percentage Change Over Previous Year			
									2018-19	2019-20*	2020-21#	2021-22@
1.	Agriculture, forestry and fishing	1,616,146	1,726,004	1,840,023	1,878,598	1,994,326	2,076,327	2,149,122	2.1	6.2	4.1	3.5
1.1	Crops	969,344	1,020,258	1,075,111	1,049,211	1,108,603	1,139,447	1,158,250	-2.4	5.7	2.8	1.7
1.2	Livestock	419,637	461,572	497,830	540,970	581,714	617,852	654,937	8.7	7.5	6.2	6.0
1.3	Forestry and logging	136,960	144,547	152,351	163,949	173,972	184,015	188,416	7.6	6.1	5.8	2.4
1.4	Fishing and aquaculture	90,205	99,627	114,730	124,468	130,037	135,013	147,519	8.5	4.5	3.8	9.3
2.	Mining and quarrying	317,974	349,248	329,612	326,815	317,134	289,905	310,415	-0.8	-3.0	-8.6	7.1
3.	Manufacturing	1,903,850	2,054,764	2,209,428	2,328,992	2,259,706	2,325,438	2,582,473	5.4	-3.0	2.9	11.1
3.1	Food products, beverages and tobacco	183,150	202,964	214,366	258,683	217,690	215,636	230,870	20.7	-15.8	-0.9	7.1
3.2	Textiles, apparel and leather products	258,936	261,079	280,873	300,013	290,913	274,216	348,196	6.8	-3.0	-5.7	27.0
3.3	Metal products	225,306	285,206	319,555	326,298	329,198	376,413	420,772	2.1	0.9	14.3	11.8
3.4	Machinery and equipment	429,550	474,418	533,307	580,847	535,784	506,856	569,359	8.9	-7.8	-5.4	12.3
3.5	Other manufactured goods	806,908	831,097	861,327	863,152	886,120	952,317	1,013,277	0.2	2.7	7.5	6.4
4.	Electricity, Gas, Water supply & Other utility services	224,158	246,496	272,650	294,147	300,798	287,757	316,110	7.9	2.3	-4.3	9.9
5.	Construction	865,335	916,445	964,306	1,026,789	1,043,429	983,619	1,129,368	6.5	1.6	-5.7	14.8
6.	Trade, repair, Hotels and Restaurants	1,261,426	1,389,322	1,568,175	1,707,781	1,828,868	1,440,312	1,571,355	8.9	7.1	-21.2	9.1
6.1	Trade & repair services	1,150,121	1,268,230	1,435,984	1,563,237	1,675,607	1,369,375	1,469,374	8.9	7.2	-18.3	7.3
6.2	Hotels & restaurants	111,305	121,092	132,191	144,544	153,261	70,938	101,981	9.3	6.0	-53.7	43.8
7.	Transport, Storage, Communication & Services related to broadcasting	731,399	757,056	800,245	830,977	861,192	719,183	885,092	3.8	3.6	-16.5	23.1
7.1	Railways	85,452	82,161	87,886	91,350	82,303	65,754	83,107	3.9	-9.9	-20.1	26.4
7.2	Road transport	343,155	362,324	396,401	417,538	432,160	321,732	435,534	5.3	3.5	-25.6	35.4
7.3	Water transport	8,095	8,569	11,915	12,628	13,016	12,284	12,771	6.0	3.1	-5.6	4.0
7.4	Air transport	6,053	7,172	8,373	9,402	9,158	3,435	5,446	12.3	-2.6	-62.5	58.6
7.5	Services incidental to transport	81,156	86,835	84,351	89,061	91,356	81,389	87,916	5.6	2.6	-10.9	8.0
7.6	Storage	6,245	6,100	12,976	13,784	14,021	13,687	18,114	6.2	1.7	-2.4	32.3
7.7	Communication & services related to broadcasting	201,243	203,896	198,344	197,215	219,178	220,902	242,204	-0.6	11.1	0.8	9.6
8.	Financial services	672,788	695,983	728,670	758,170	784,536	824,562	830,392	4.0	3.5	5.1	0.7
9.	Real estate, Ownership of dwelling & Professional services	1,621,999	1,796,983	1,808,521	1,956,051	2,113,708	2,134,290	2,268,435	8.2	8.1	1.0	6.3
10.	Public administration and Defence	565,106	614,238	676,507	722,773	762,531	757,616	792,700	6.8	5.5	-0.6	4.6
11.	Other services	711,691	781,744	836,035	902,705	969,873	842,474	962,562	8.0	7.4	-13.1	14.3
12.	<b>TOTAL GVA at basic prices</b>	<b>10,491,870</b>	<b>11,328,285</b>	<b>12,034,171</b>	<b>12,733,798</b>	<b>13,236,100</b>	<b>12,681,482</b>	<b>13,798,025</b>	<b>5.8</b>	<b>3.9</b>	<b>-4.2</b>	<b>8.8</b>

\*: 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
<b>(US \$ million)</b>									
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
<b>(₹ Crore)</b>									
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	854	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

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

Source : Directorate General of Commercial Intelligence and Statistics.

Table 5.3

## Imports of Principal Commodities

Commodity / Year	(US \$ Million)						(₹ Crore)					
	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
1	2	3	4	5	6	7	8	9	10	11	12	13
1. Cotton Raw & Waste	946.9	979.3	633.1	1328.4	385.9	559.6	6339	6307	4383	9371	2861	4169
2. Vegetable Oil	10892.7	11637.5	9890.3	9672.9	11089.1	18991.6	73039	74996	69024	68558	82123	141532
3. Pulses	4244.1	2908.3	1140.8	1440.1	1611.7	2229.0	28523	18749	8035	10221	11938	16628
4. Fruits & vegetables	1783.4	2092.6	2143.9	2221.3	2273.4	2640.7	11965	13489	15027	15757	16817	19687
5. Pulp and Waste paper	975.1	1154.6	1311.7	1143.0	851.1	1600.5	6537	7442	9186	8091	6303	11934
6. Textile yarn Fabric, made-up articles	1502.5	1837.3	1900.0	1922.3	1501.5	2065.5	10079	11843	13305	13599	11092	15400
7. Fertilisers, Crude & manufactured	5024.0	5376.3	7467.4	7468.1	7597.3	14169.9	33706	34654	52095	52817	56405	105796
8. Sulphur & Unroasted Iron Pyrts	131.2	165.9	217.1	117.7	149.7	475.0	879	1068	1528	833	1104	3542
9. Metaliferrous ores & other minerals	6194.2	9096.9	7583.3	5088.9	4626.1	8950.5	41554	58631	52867	35989	34242	66690
10. Coal, Coke & Briquettes, etc.	15759.9	22901.2	26177.8	22455.1	16274.5	31718.3	105753	147641	183025	158865	120534	236925
11. Petroleum, Crude & products	86963.8	108658.7	140920.6	130550.3	82683.9	161810.5	583217	700321	986275	925168	611353	1207803
12. Wood & Wood products	4891.8	6027.3	6126.5	5612.2	4449.7	6136.4	32817	38850	42841	39699	32935	45722
13. Leather & leather products	935.3	1009.2	1057.7	1014.1	579.8	818.8	6274	6504	7397	7176	4291	6106
14. Organic & Inorganic Chemicals	16598.4	20631.5	23827.7	20617.1	19825.3	30291.9	111296	133000	166544	145863	146828	225846
15. Dyeing/tanning/colour	2282.7	2887.5	3221.9	2906.4	2734.0	3960.2	15307	18610	22538	20565	20218	29530
16. Artificial resins, plastic materials, etc.	11964.0	14487.7	15682.0	14633.7	13510.0	20230.6	80227	93384	109633	103589	99874	150834
17. Chemical material & products	5375.1	6663.4	7707.6	7643.2	8441.2	11148.0	36059	42944	53933	54111	62498	83036
18. Newsprint	849.9	776.7	977.7	700.6	294.1	344.7	5700	5007	6854	4952	2199	2567
19. Pearls, precious & Semi-precious stones	23808.6	34278.9	27075.7	22458.8	18888.0	31007.9	159464	220966	188881	159066	139024	231279
20. Iron & Steel	11683.0	14617.6	17656.7	15369.4	12035.9	17303.0	78388	94206	123501	108655	89078	129006
21. Non-ferrous metals	9868.8	12811.7	14733.0	13138.7	11716.6	17601.7	66193	82584	103034	92995	86596	131218
22. Machine tools	3034.6	3519.6	4642.5	4193.1	3169.6	4239.5	20347	22680	32490	29665	23452	31573
23. Machinery, electrical & non-	28445.8	32908.9	37852.4	37691.9	30084.5	39942.5	190806	212127	264559	266923	222518	297768
24. Transport equipment	22687.7	22732.5	24775.8	25284.7	18649.2	20852.4	152337	146509	173621	179480	137897	155610
25. Project goods	2074.4	2077.6	2375.6	2025.5	1498.9	1356.0	13915	13392	16618	14355	11107	10109
26. Professional instrument, Optical	3857.2	4754.6	5187.4	5024.1	4528.2	6372.8	25869	30650	36284	35591	33516	47414
27. Electronic goods	41930.4	52890.7	57377.3	54397.9	54287.9	73674.2	281197	340901	401450	385088	401426	549714
28. Medcnl. & Pharmaceutical	4995.0	5480.7	6359.5	6459.9	6974.6	9072.0	33502	35330	44429	45727	51737	67545
29. Gold	27518.0	33657.2	32910.1	28229.7	34603.9	46165.6	184439	217072	229537	199250	254288	344094
30. Silver	1839.2	3213.8	3748.2	2727.8	790.4	3276.2	12329	20725	26189	19162	5960	24454
31. Other Commodities	25299.2	23345.4	21397.4	21172.4	18329.6	24046.7	169617	150453	149594	149773	135742	179246
<b>Total Imports</b>	<b>384357.0</b>	<b>465581.0</b>	<b>514078.4</b>	<b>474709.3</b>	<b>394435.9</b>	<b>613052.1</b>	<b>2577675</b>	<b>3001033</b>	<b>3594675</b>	<b>3360954</b>	<b>2915958</b>	<b>4572775</b>

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

Source : Directorate General of Commercial Intelligence and Statistics.

Table 5.4

## Exports of Principal Commodities

Commodity / Year	(US \$ Million)						(₹ Crore)					
	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
1	2	3	4	5	6	7	8	9	10	11	12	13
1. Tea	731.3	837.4	830.9	826.5	756.3	751.1	4906	5397	5828	5851	5604	5597
2. Coffee	842.8	968.6	822.3	738.9	719.7	1020.7	5646	6245	5722	5237	5340	7614
3. Rice	5733.8	7806.2	7750.6	6403.2	8829.2	9671.1	38443	50308	53975	45427	65405	72116
4. Other cereals	212.3	248.6	349.0	205.2	705.4	1087.4	1426	1604	2426	1455	5198	8109
5. Tobacco	958.7	934.3	981.3	905.1	876.7	923.6	6424	6022	6859	6409	6497	6882
6. Spices	2851.9	3115.4	3322.4	3621.4	3984.0	3896.0	19111	20085	23218	25642	29529	29039
7. Cashew	786.9	922.4	654.4	566.8	420.4	453.1	5279	5945	4579	4018	3112	3377
8. Oil Meals	805.4	1093.2	1508.6	827.9	1585.0	1031.9	5410	7043	10557	5861	11689	7695
9. Oil seeds	1355.2	1174.3	1156.8	1318.1	1235.7	1113.6	9104	7573	8081	9363	9156	8310
10. Fruits & Vegetables	2454.7	2513.3	2540.9	2380.5	2612.8	2883.1	16452	16203	17754	16917	19358	21517
11. Cereal preparations & miscellaneous processed items	1270.8	1416.6	1555.4	1527.0	1859.9	2280.7	8520	9132	10887	10821	13762	17006
12. Marine Products	5903.1	7389.2	6802.6	6722.1	5962.4	7772.4	39594	47646	47665	47618	44176	57910
13. Meat, dairy & poultry products	4368.8	4610.1	4363.7	3714.3	3658.0	4141.0	29281	29730	30530	26304	27064	30866
14. Iron Ore	1533.5	1471.1	1317.3	2625.0	4896.5	3248.2	10291	9488	9260	18607	36254	24145
15. Mica, Coal & Other Ores, Minerals including processed minerals	3578.2	3776.9	4254.7	3948.4	4331.8	5217.2	23983	24342	29718	27986	31990	38917
16. Leather & leather products	5165.6	5289.1	5140.8	4658.5	3301.4	4381.5	34651	34084	35934	32971	24403	32670
17. Ceramic products & glassware	1856.6	2131.8	2649.2	2870.6	3050.6	3464.8	12449	13739	18557	20341	22553	25824
18. Gems & Jewellery	43412.8	41544.4	40251.0	35898.5	26022.8	39099.1	290903	267833	281408	254114	191928	291481
19. Drugs & Pharmaceuticals	16785.0	17282.8	19146.6	20703.5	24444.0	24594.3	112547	111409	133941	146751	181261	183340
20. Organic & Inorganic Chemicals	12336.1	18508.5	22379.3	22082.8	22088.5	29364.8	82731	119308	156547	156441	163726	218907
21. Engineering Goods	67216.1	78695.7	83621.6	78704.4	76719.6	112163.4	450592	507315	584094	557603	567800	836128
22. Electronic Goods	5962.9	6393.1	8829.4	11700.6	11093.3	15660.4	39980	41220	61908	82936	81949	116896
23. Cotton Yarn/Fabs./made-ups, Handloom Products etc.	9862.2	10260.4	11215.1	10027.7	9827.9	15298.0	66160	66141	78374	71054	72656	114030
24. Man-made Yarn/Fabs./made-ups etc.	4557.1	4826.3	4980.5	4821.4	3806.3	5614.6	30559	31108	34817	34175	28112	41856
25. RMG of all Textiles	17368.2	16706.9	16138.3	15488.1	12272.2	16014.8	116459	107644	112701	109691	90639	119474
26. Jute Mfg. including Floor Covering	309.9	335.1	324.9	342.6	371.3	507.6	2080	2159	2274	2428	2741	3786
27. Carpet	1490.2	1429.8	1481.9	1373.3	1491.4	1789.9	9992	9215	10375	9725	11020	13339
28. Handicrafts excl. hand made carpet	1926.7	1823.3	1838.1	1797.9	1707.5	2088.2	12917	11754	12854	12738	12606	15563
29. Petroleum Products	31545.3	37465.1	46553.6	41288.7	25804.4	67471.7	211509	241435	325929	292340	190896	503850
30. Plastic & Linoleum	5796.5	6851.1	8607.5	7551.6	7462.9	9824.6	38870	44164	60221	53462	55374	73195
31. Other Commodities	16873.7	15705.2	18709.2	17720.6	19910.8	29175.6	113166	101223	130733	125568	147246	217582
<b>Total Exports</b>	<b>275852.4</b>	<b>303526.1</b>	<b>330078.2</b>	<b>313361.0</b>	<b>291808.5</b>	<b>422004.4</b>	<b>1849434</b>	<b>1956515</b>	<b>2307726</b>	<b>2219854</b>	<b>2159043</b>	<b>3147021</b>

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

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

Source : DGCI &amp; S, Ministry of Commerce

Table 5.6

## Outlay And Expenditure-Port Sector (Central)

(Rs. In Crore)

Port	Annual Plan (2014-15)		Annual Plan (2015-16)		Annual Plan (2016-17)		Annual Plan (2017-18)		Annual Plan (2018-19)		Annual Plan (2019-20)		Annual Plan (2020-21)		Annual Plan (2021-22)	
	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.	App. Outlay	Actual Exp.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Kolkata (a)	43.75	23.04	46.00	7.73	267.97	164.50	264.58	258.46	285.76	238.11	388.65	274.88	574.01	325.39	396.32	293.27
Mumbai	50.00	76.53	230.79	31.51	301.00	196.25	410.03	234.15	492.27	228.26	342.88	309.74	330.40	297.26	338.21	343.60
JNPT	647.54	294.82	235.85	83.98	562.38	417.19	1569.01	1383.01	2817.17	1664.57	1528.00	810.31	600.00	1115.14	2197.41	1588.40
Chennai	41.99	4.11	39.00	33.30	185.00	92.14	97.00	49.99	79.52	61.45	57.18	53.65	83.15	52.37	83.46	56.05
Cochin	42.84	17.20	3.00	6.81	33.99	17.76	27.22	27.79	67.41	38.09	51.22	29.00	26.28	47.65	33.07	24.47
Visakhapatnam	306.88	274.69	414.01	23.53	224.42	346.74	225.54	277.00	133.51	146.18	98.55	100.28	110.70	98.21	290.09	104.70
Deendayal	100.00	324.47	308.92	5.26	130.18	106.67	347.10	325.45	382.36	417.08	299.99	203.30	617.79	270.27	543.55	473.30
Mormugao	82.87	61.17	13.76	3.68	96.51	35.77	155.87	52.23	30.47	13.42	41.17	19.47	195.79	64.39	85.34	29.27
Paradip	132.60	85.10	22.50	68.14	67.00	93.10	64.50	76.97	118.00	115.99	110.00	176.33	115.00	137.30	109.50	109.00
New Mangalore	50.00	67.94	64.35	17.83	71.05	96.49	75.40	77.55	71.10	50.02	48.87	49.82	26.04	18.99	11.11	17.26
V.O. Chidambaranar	600.85	34.09	422.33	90.17	111.84	95.89	162.50	140.07	185.71	125.13	115.18	17.01	352.57	132.84	232.06	70.30
Kamarajar Port Ltd.	220.00	62.50	200.00	99.81	500.00	545.64	325.00	403.95	200.00	155.97	117.50	102.22	250.00	200.00	200.00	200.00
Sethusamudram Ship Canal Project	0.50	2.94*	477.5	0.69*	1.00	0.46	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	0.50	0.00	3.85	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)	464.80	38.01	704.38	48.57	625.92	570.93	606.21	597.94	512.75	493.84	488.84	474.02	749.50	424.50	944.90	879.37
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	0.00	0.00
<b>Total</b>	<b>2785.12</b>	<b>1363.67</b>	<b>3186.24</b>	<b>520.93</b>	<b>3178.26</b>	<b>2779.53</b>	<b>4329.96</b>	<b>3904.56</b>	<b>5376.03</b>	<b>3748.11</b>	<b>3688.03</b>	<b>2620.03</b>	<b>4031.23</b>	<b>3184.31</b>	<b>4921.47</b>	<b>4188.99</b>

(a) Includes Haldia and RR Schemes

(b) Includes DCI, ALHW, Studies, Green port initiative, Sagar Mala, Dev. of Non Major Ports, IT for D/Shipping Coastal Shipping Berths, Pollution cess, River Regulatory measures etc.

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

App. Outlay: Approved Outlay.

Source: Notes on Demands for Grants, 2022-23

**Port : All Ports**

**Tabel 5.7**

**India's Overseas Cargo handled during 2021-22**

(In '000 Tonnes)

Type of Cargo	Indian Lines	% Share	Foreign Lines	% Share	Total
<b>General Cargo</b>					
Loaded	398.2	1.07	36954	98.93	37352
Unloaded	15.2	0.14	11073	99.86	11089
Total	413.5	0.85	48027	99.15	48440
<b>Container</b>					
Loaded	5116.1	3.97	123755	96.03	128871
Unloaded	3991.7	3.12	123897	96.88	127889
Total	9107.8	3.55	247652	96.45	256760
<b>Dry Bulk</b>					
Loaded	1629.9	2.45	64975	97.55	66604
Unloaded	10182.1	3.27	300814	96.73	310997
Total	11812.0	3.13	365789	96.87	377601
<b>POL/Product &amp; Other Liquids</b>					
Loaded	2270.1	3.32	66117	96.68	68387
Unloaded	33899.4	10.97	275042	89.03	308942
Total	36169.5	9.59	341159	90.41	377329
<b>Grand Total</b>					
<b>Loaded</b>	<b>9414.3</b>	<b>3.13</b>	<b>291800</b>	<b>96.87</b>	<b>301214</b>
<b>Unloaded</b>	<b>48088.5</b>	<b>6.34</b>	<b>710827</b>	<b>93.66</b>	<b>758916</b>
<b>Total</b>	<b>57502.7</b>	<b>5.42</b>	<b>1002627</b>	<b>94.58</b>	<b>1060130</b>

Source: Major Ports and State Maritime Boards

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