

भारत के मूल पत्तन आंकड़े

BASIC PORT STATISTICS OF INDIA

2020-21



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GOVERNMENT OF INDIA
पत्तन, पोत परिवहन और जलमार्ग मंत्रालय
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PREFACE

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

The present issue, Basic Port Statistics of India 2020-21 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.

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


(Sanjeev Ranjan)

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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	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
1	2	3	4	5	6	7	8
1. No. of Ports (Number)							
Major Port	12	12	12	12	12	12	12
Non-Major Port	205	205	205	205	212	212	212
Total	217	217	217	217	224	224	224
2. Cargo Handled (Million Tonnes)							
Major Port	581.34	605.89	648.47	679.47	699.17	704.93	672.68
Non-Major Port	470.89	465.87	485.22	529.09	582.61	615.05	577.30
Total	1052.23	1071.76	1133.69	1208.56	1281.78	1319.97	1249.99
3. Containers							
Major ('000 TEUs)	7960	8146	8442	9138	9877	9892	9610
('000 Tonnes)	119441	123168	124663	133726	145523	146861	143710
4. Passenger Traffic ('000 Nos.)							
Major Port	386	408	473	422	522	710	44
Non-Major Port	19434	22007	22599	24162	24551	21005	9811
Total	19820	22415	23071	24584	25073	21715	9855
5. Employment ('000 Nos.)							
Major Port	42	38	35	32	29	26	23
Non-Major Port	4	4	5	5	5	5	10
6. Financial Performance - Major Ports (Rs. Million)							
a) Total Revenue	103464	126811	135520	149242	153918	162629	1486828
b) Total Expenditure	93462	106629	106386	122350	130375	117944	1053453
7. Performance Indicators- Major Ports							
a) Total Cargo Vessels Sailed(Nos.)	19877	21488	21655	22091	21872	21803	20371
b) Av. Turn Round Time (Days)	3.89	3.51	3.48	2.91	2.73	2.12	2.18
c) Av. Pre-berthing Detention (Days)	1.61	1.31	1.27	1.33	1.10	0.95	1.04
On Port Account	0.21	0.16	0.22	0.53	0.34	0.29	0.23
On Non Port Account	1.39	1.16	1.05	0.79	0.76	0.66	0.81
d) Output per ship berth day (Tonnes)	12993	16471	19080	20581	21839	21914	19171
Container	20331	22244	24099	23716	26737	27078	26640
Break-Bulk	2600	3618	4176	4946	4699	5143	4349
Dry Bulk- Mechanical	21188	29139	28669	30894	29820	29594	29303
Conventional	9280	12404	16728	17977	19243	18409	18738
Liquid Bulk	18079	20451	22412	24740	25818	26180	19838

A . GLOBAL ENVIRONMENT & SEA-BORNE TRADE

1. Overview of World Economic Trends Related to Seaborne Trade

1.1 In 2020, the pandemic disrupted the world economy, cutting manufacturing activity and consumption – with impacts on supply, demand and logistics. International maritime trade growth had already been weak in 2019 at 0.5 per cent, but in 2020 it declined by 3.8 per cent. Total volume dropped by 422 million to 10.65 billion tons.

Nevertheless, the impact was not as dramatic as initially feared and the maritime transport sector managed to navigate through the crisis. In 2020, maritime trade increased as a proportion of global GDP, with an increase in the maritime trade-to-GDP ratio as the pandemic induced a shift in consumer demand from services to traded goods. However, this is likely to be short lived as demand patterns normalize and spending continues to rebalance back towards services. In 2021, the narrative is still being driven by the pandemic and related risks, but attention is now moving toward the vaccine rollout, the recovery in growth, and the supply and demand pressures that are currently disrupting trade logistics. At the same time, the industry must consider the longer-term sustainability and resilience of shipping, ports and their hinterland connections.

1.2 In 2020, global GDP declined by 3.5 per cent the largest downturn for 70 years. The greatest impact was in the services sector – in particular in tourism, travel and hospitality. For maritime trade, however, the plunge in flows was mitigated by the boost in demand from government stimulus packages. Estimated in March 2021 at around \$16 trillion, and concentrated mainly in the United States, Europe and Japan, these packages helped soften the landing. Demand has further revived with the lifting of some COVID-19-related restrictions.

In 2020 the drop in GDP in developing economies, at 1.8 per cent was less than the global average of 2.9 per cent for the 2009–2021 period. This was largely due to the performance of China which was the only country to have seen some economic growth in 2020 (2.3 per cent). China's efforts to contain the pandemic, along with a stimulus package, provided support to industry and exports.

1.3 In 2020, output in developed economies contracted by 4.7 per cent. The drop was lower in the United States at 3.5 per cent, as fiscal measures helped minimize the economic downturn, and steeper in the EU at 6.2 per cent, reflecting renewed pandemic outbreaks. In the United Kingdom, the drop was steeper still at 9.9 per cent, as a result not just of the pandemic restrictions but also of Brexit which disrupted supply chains as traders adjusted to new rules and procedures. Elsewhere, Japan's economy fell by 4.7 per cent while India's dipped by 7.0 per cent. There was also a severe impact on GDP in Latin America and the Caribbean, down by 7.1 per cent, in Africa by 3.4 per cent, in Western Asia by 2.9 per cent, and the Russian Federation by 3.0 per cent..

1.4 In 2020 taken together, world merchandise imports and exports fell by 5.4 per cent. This decline was far lower than more pessimistic forecasts at the height of the pandemic (UNCTAD, 2020a). In April 2020, the World Trade Organization (WTO) had expected world merchandise trade to drop by between 13 and 32 per cent in 2020 (WTO, 2020). There was indeed a slump in the second quarter of 2020 but trade volumes bounced back in the third quarter, responding to the easing of restrictions and lockdowns and announcements of new vaccines. Along with vaccine rollout in major developed regions, the rapid return in volumes reflected the resilience of East Asian trade and the boost in consumer demand from fiscal spending in the United States. Trade in services however remained subdued across all economies. Tourism and cruise shipping were hit hard, though there was a growth in cross-border services that were increasingly enabled by digital technologies

1.5 Developing regions also recorded a drop in merchandise trade volumes although at more moderate rates: exports fell by 2.3 per cent while imports dropped by 5.2 per cent. The one exception was China where, despite the disruption, exports rose by 1.3 per cent and imports by 1.7 per cent. For Asia, excluding China, however, exports declined by 3.6 per cent while imports dropped by 11.6 per cent. In Latin America imports dropped by 11.2 per cent and exports by 4.2 per cent. In Africa and the Middle East exports fell by 6.8 per cent and imports by 2.8 per cent. In Eastern Europe and Commonwealth of Independent States, the decline in imports was less at 2.2 per cent, though imports fell by 5.4 per cent.

1.6 The sudden dip and subsequent recovery in merchandise trade was reflected in the patterns of maritime trade. In 2020, the outcome was better than initially feared. Volumes dipped by around 12 per cent in May 2020 compared with May 2019, but only by around 2.0 per cent in the fourth quarter compared with the same quarter in 2019. For 2020, following a contraction of 3.8 per cent, UNCTAD estimates shipping volumes to have lost 422 million tons.

The performance varied by market segment, with some sectors performing better than others. Worst hit was tanker shipping, but there was less impact on containerized trade, gas shipments, and on dry bulk commodities such as iron ore and grains.

1.7 The decline in maritime trade in 2020 was lower – falling by only 1.7 per cent, to an estimated 58,865 billion cargo ton-miles. But there were different outcomes for different types of cargo: oil decreased by 7.0 per cent and containerized trade by 1.5 per cent, while there was an increase of 1.3 per cent in dry bulk trades (iron ore, coal, and grain) and of 6.7 per cent in gas shipments, including liquified petroleum gas (LPG) and liquified natural gas (LNG). International maritime trade flows were sustained in 2020 by the rapid economic rebound in China with a 9 per cent increase in maritime import demand, in particular imports of iron ore and grain. Maritime trade flows were also supported by China's exports of containerized goods to the United States. Meanwhile, lower demand for oil, and cuts by major OPEC+ oil producers and oil production, have continued to keep a lid on the recovery in tanker shipping.

Table 1 : Developments in International Seaborne Trade				
(Million Tonnes Loaded)				
Year	Tanker Trade @	Main Bulk#	Other Dry Cargo *	Total
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	3181	4549	10648
@Tanker trade include crude oil refine petroleum products gas and chemicals.				
# Main bulk includes data on iron ore, grain, coal, bauxite/alumina and phosphate rock. Starting in 2006, Main bulk include iron ore, grain and coal only.				
* Data relating to bauxite/alumina and phosphate are included under "Other dry cargo".				
Source: Review of Maritime Transport,2021,UNCTAD				

2. Seaborne Trade by Cargo Type

Crude Oil and Petroleum Products

2.1 The tanker trade has suffered from weak oil demand, high inventories, and cuts in oil supply by OPEC+ members. That said, 2021 should see an improvement as demand gradually recovers and supply increases. Starting in August 2021, as oil prices hit their highest levels in more than two years, OPEC+ members agreed to phase out 5.8 million barrels per day of production cuts (OPEC, 2021). Meanwhile, a lifting of the United States sanctions would increase exports from the Islamic Republic of Iran, which could displace production from other locations but nevertheless increase the demand for tankers. With an increase in OPEC production and the expansion of Asian refineries, there is likely to be more demand for very large crude carriers.

India's recent decision to diversify crude oil imports and reduce its dependency on Western Asia is also good news for operators of crude-oil tankers and will boost demand in terms of ton-miles. Ongoing repositioning of refinery capacity closer to demand is likely to alter trade patterns, which could boost crude ton-miles but is more likely to reduce product tanker ton-miles

Natural Gas and liquefied gases

2.2 Natural gas offers a lower-carbon source of energy, so with more demands for sustainability and a transition to lower-carbon energy, the global gas trade is set to increase. Much of the growth will be driven by Asia, with an important role for China's new propane dehydrogenation plants. India's trade will also expand as a result of subsidized domestic LPG prices.

2.3 Natural gas is set to contribute a larger share to the global energy mix in the coming years, with much of the growth driven by shale-gas production in the United States, as well as by production in Western Asia and in other regions including the Mediterranean and East Africa.

Dry Cargo Trades

Dry Bulk Shipments: Major and minor dry bulks

2.4 The dry bulk trade fell by an estimated 1.5 per cent in 2020, as volumes slipped to 5.2 billion tons. China's rapid economic recovery has boosted its import demand so it could take up extra cargo generated by suppressed demand in other regions. Iron ore trade remained unperturbed as shipments increased by 3.2 per cent to 1.5 billion tons. Grain trade also held firm, increasing volumes by 7.1 per cent. Supporting factors included a record Brazilian harvest, the returning United States-China trade, and better prospects in pig farming in China following the recovery from the 2018 African swine fever outbreak. In 2021, seaborne dry bulk trade is projected to expand by 3.7 per cent, with iron ore and grain trade growing steadily, a rebound in minor bulk volumes and more coal trade.

2.5 Coal trade plunged 9.3 per cent in 2020, partly as a result of the pandemic, with reduced electricity demand across regions overlaid on the ongoing structural shift towards cleaner energy sources. Minor bulk trade also came under pressure, though only falling by 2.2 per cent. There was also less trade in forest products, as well as lower nickel ore exports due to Indonesia's export ban. The bauxite trade was much stronger, expanding by 8.2 per cent, with China accounting for 77 per cent, and Guinea providing 46 per cent of the supply.

2.6 Trade tensions between China and the United States have affected trade in grain. In 2017, the United States accounted for 34 per cent of China's seaborne grain imports. In 2019, this share fell to 18 per cent, before recovering to 27 per cent in 2020, on the back of the Phase One trade deal commitments. China's efforts to diversify its suppliers have benefited Brazil whose share of the Chinese market increased from 44 per cent in 2017 to about 60 per cent in 2018 and 2019, before falling back to 48 per cent in 2020. Other countries have also gained market share, including Ukraine, France, the Russian Federation, and Argentina. But China's grain import demand also faces 'downside risks, including a renewed outbreak of African swine fever and softer crush margins that may dampen soybean imports.

Other Dry Cargo Trades

Containerized Trade

2.7 The years 2020 and 2021 were highly disruptive. In 2020, global container port throughput fell by 1.2 per cent, to 815.6 million TEU. For 2021, however, volume is projected to grow by 10.1 per

cent as the global economy and trade recover, along with increasing optimism arising from the vaccine rollout. But some ports fared better than others. Antwerp, for example, fared much better in the COVID-19 crisis than it had during the 2009 downturn.

In 2020, Asia, with nearly two-thirds of the throughput, maintained its position as the global hub for container port traffic. Europe was the second-largest container port handling region in 2020 (14.4 per cent). Together, North America (7.5 per cent), Latin America and the Caribbean (7.2 per cent), Africa (4.0 per cent), and Oceania (1.6 per cent) accounted for the remaining shares. North America and Asia benefited from the swift trade rebound in the second half of 2020, but recurrent virus outbreaks and pandemic containment measures, among other factors were a drag on container port traffic in Europe and other regions.

Seaborne Trade Development Forecast

2.8 Global economic prospects improved by late 2020, supported by vaccine rollout in advanced regions, the possibility of additional spending in some major economies, and the easing of containment measures and restrictions in some parts of the world. While emerging trends are encouraging, uncertainty remains as the sustainability of the nascent, fragile and divergent recovery depends on the pandemic's path and a broader rollout of vaccines worldwide.

UNCTAD projects shipping volumes to increase by 4.3 per cent in 2021, and exceed their 2019 levels. Containerized trade is expected to grow by 7.7 per cent. Over the 2022–2026 period, total maritime trade is expected to grow 2.4 per cent annually – compared with 2.9 per cent over the previous two decades. Maritime trade is projected to moderate along with GDP.

3. Indian Economy and India's Maritime Trade

3.1 India's economy has witnessed a slight downward economic growth in the recent the past, the Gross Value Added(GVA) at Basic Price decline negative growth 4.8% percent in FY 2020-21as against 3.8% percent in FY 2019-20. The growth of the two sectors Industryand Service sector haveshown a decline during 2020-21. The foreign trade export and import havealso decreased during 2020-21.

The growth of total cargo handled in Indiadecreased from 3.0% in 2019-20 to negative growth 5.3% in 2020-21. The growth in the cargo handled at Non-major Ports negative growth from 5.6% in 2019-20 to 6.1% in 2020-21. The growth in the cargo handled at major Ports also negative growth from 0.8% in 2019-20 to 4.6% in 2020-21.

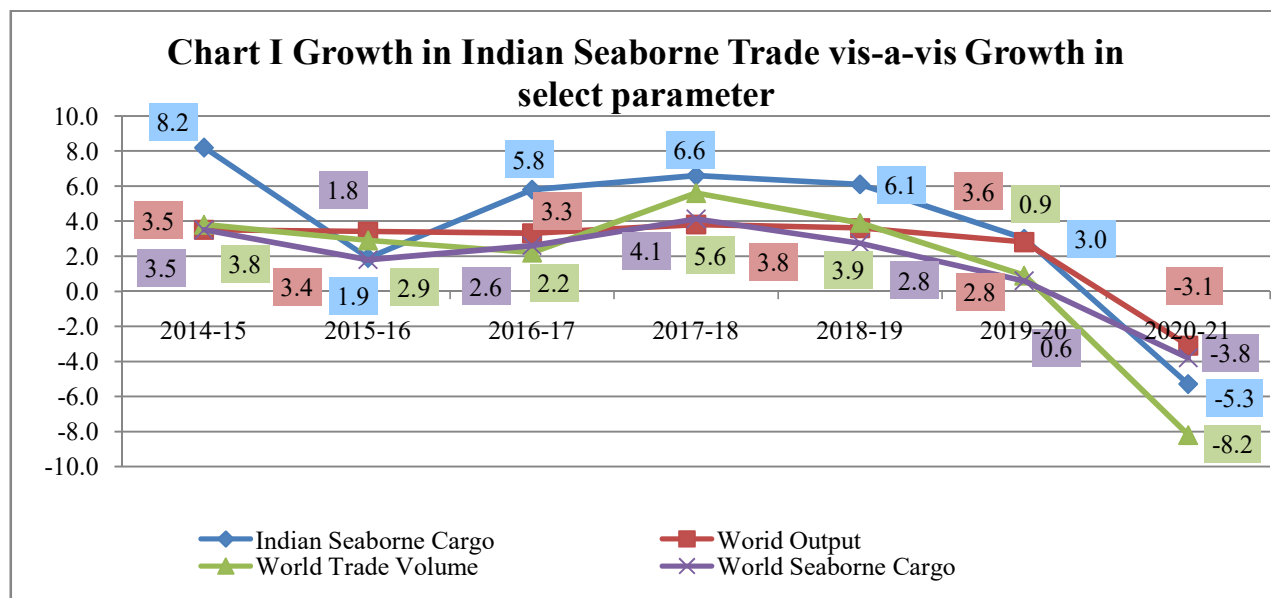
3.2 India's maritime trade comprises of export-import trade in various bulk and non-bulk commodities. Over the last decade, there has been a steady increase in handling of cargo traffic at Indian ports. India's export growth has shown vigour and vitality over the last few years. To sustain the momentum 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	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Trends in India's Select : Macro Parameters							
I. Total Cargo	8.2	1.9	5.8	6.6	6.1	3.0	-5.3
(a) Major Ports	4.7	4.2	7.0	4.8	2.9	0.8	-4.6
(b) Non Major Ports	12.9	-1.1	4.2	9.0	10.1	5.6	-6.1
II.GVA overall	7.2	8.0	8.0	6.2	5.8	3.8	-4.8
(a) Agriculture	-0.2	0.6	6.8	6.6	2.1	5.5	3.3
(b) Industry	7.0	9.9	7.6	5.5	5.1	-1.7	-3.2
(c) Services	9.7	9.2	8.5	6.5	7.2	6.2	-7.7
III. Foreign Trade							
(a) Export in \$ value	-1.3	-15.5	5.2	10.0	8.7	-5.1	-7.8
(b) Import in \$ value	-0.5	-15.0	0.9	21.1	10.4	-7.8	-17.1
Trends in Select : Global Indicators							
IV. World Output	3.5	3.4	3.3	3.8	3.6	2.8	-3.1
(a) Advanced Economies	2.0	2.3	1.8	2.5	2.3	1.7	-4.5
(b) Developing Economies	4.7	4.3	4.5	4.8	4.6	3.7	-2.1
V. World Economic Growth	2.5	2.6	2.5	3.1	3.1	2.5	-3.5
(a) Advanced Economies	1.7	2.2	1.7	2.3	2.3	1.7	-4.7
(b) Developing Economies	4.4	3.8	3.9	4.5	4.3	3.7	-1.8
(c) Transition Economies	0.9	-2.2	0.3	2.1	2.8	2.2	NA
VI. World Trade Volume (Goods)	3.8	2.9	2.2	5.6	3.9	0.9	-8.2
VII. Export Volume growth (Goods)							
(a) Advanced Economies	3.8	3.7	2.0	4.9	3.6	1.2	-9.4
(b) Developing Economies	3.3	2.0	2.8	6.5	3.9	0.4	-5.2
VIII. Import Volume (Goods)							
(a) Advanced Economies	3.9	4.7	2.5	4.8	3.7	2	-9.0
(b) Developing Economies	4.3	-0.6	1.6	7.5	4.8	-0.9	-8.0
IX. World Seaborne Trade*	3.5	1.8	2.6	4.1	2.8	0.6	-3.8
(a) Goods Loaded	3.5	1.8	2.6	4.2	2.7	0.5	-3.8
(b) Goods Unloaded	3.5	1.8	2.6	4.1	2.8	0.6	3.8
I. Based on data from Major Ports and Non Major Ports II First Revised Estimates of National Income, Consumption Expenditure, Saving and Capital Formation, 2020-21, Ministry of Statistics and Programme Implementation. III. Based on Department of Commerce, DGCI&S and RBI Bulletin IV,VI, VII & VIII Based on World Economic Outlook,October,2021, IMF; V & IX. Based on Review of Maritime Transport, 2021 , UNCTAD Note : For item Nos IV,V, VI,VII, VIII & IX year 2014-15 refers to calendar year 2014 and so on. * growth in total goods loaded plus unloaded; NA ; Not Available ^Real GDP							

Indian Port traffic growth and growth in World output, World trade volume and seaborne trade (loaded +unloaded) since 2014-15 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 2020, IMF

World Seaborne Cargo- Review of Maritime Transport, 2020, UNCTAD

4. Trends in India's Overseas Trade

4.1 During 2020-21, the total overseas cargo handled at Indian ports was 1021.88million tonnes compared to 1066.24million tonnes in 2019-20. Indian Overseas trade registered a decline of 4.2% in 2020-21 over 2019-20, while it registered a growth of 4.6% in the year 2019-20. However, goods loaded trade increased by 10.1% in 2020-21 while goods unloaded registered a decline of 9% in 2020-21 as compared to growth of 12.4% and 2.2% in loaded & unloaded goods respectively during 2019-20. Trend in Indian Overseas trade since 2014-15 is presented in **Table 2A** below.

Table 2A: Trend in Indian Overseas Trade (% change over previous year)							
	2014-15	2015-16	2016-17	2017- 18	2018-19	2019-20	2020-21
Goods Loaded	-6.4	-1.6	18.6	4.1	-1.2	12.4	10.1
Goods Unloaded	13.7	2.4	0.5	4.8	6.3	2.2	-9.0
Total Loaded +Unloaded	8.4	1.5	4.5	4.6	4.5	4.6	-4.2

4.2 The share of Indian Flag vessels in carrying total overseas cargo during 2017-18,2018-19, 2019-20 and 2020-21 is summarized in **Table 2B**.

Table 2B : India's Overseas Cargo and share of Cargo carried by Indian Flag Vessels during 2017-18 to 2020-21 (In Million Tonnes)								
Type of Cargo	2017-18		2018-19		2019-20		2020-21	
	Total Overseas Cargo	Share of Indian Lines	Total Overseas Cargo	Share of Indian Lines	Total Overseas Cargo	Share of Indian Lines	Total Overseas Cargo	Share of Indian Lines
Break Bulk	44.29	3.12 (7.1)	36.00	2.95 (8.2)	37.76	0.65 (1.7)	41.13	0.15 (0.4)
Container	197.30	5.75 (2.9)	213.54	8.07 (3.8)	221.92	6.17 (2.8)	218.66	8.34 (3.8)
Dry Bulk Cargo	363.03	11.83 (3.2)	394.36	20.27 (5.1)	416.93	11.51 (2.8)	402.74	11.39 (2.8)
Liquid Bulk Cargo	370.93	49.00 (13.2)	375.21	48.36 (12.9)	389.63	51.52 (13.2)	359.35	37.51 (10.4)
Total	975.54	69.71 (7.2)	1019.10	79.65 (7.8)	1066.24	69.85 (6.6)	1021.88	57.39 (5.6)

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 5.6 % of the country's overseas cargo during 2020-21 as against 6.6% in 2019-20.

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 1249.99million tonnes in 2020-21 from 1319.97million tonnes in 2019-20 reflecting an negative growth of 5.3% during 2020-21. India's major ports handled around 53.8% 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 2018-19 to 2020-21 is given in the Table 3 below:

Table 3 : Growth in Cargo Traffic at Indian Ports (in %)									
Port	2018-19			2019-20			2020-21		
	OT	CT	TT	OT	CT	TT	OT	CT	TT
Major	1.54	7.51	2.90	2.32	-3.96	0.82	-3.64	-7.77	-4.57
Non -Major	7.87	23.05	10.12	7.15	-2.44	5.57	-4.71	-14.06	-6.14
All Ports	4.47	12.73	6.06	4.63	-3.41	2.98	-4.16	-10.10	-5.30
Note: OT - overseas cargo traffic; CT - Coastal cargo traffic; TT - Total cargo traffic									

5.2The period 2001-02 to 2020-21 saw compound annual growth rate (CAGR) of 6.42% in total cargo throughput at Indian ports. The compound annual growth in Cargo handled at non-major ports was 9.9% during 2001-02 to 2020-21. The growth in cargo handled by major ports and non-major ports during 2020-21 registered decline of 4.6% and 6.1% respectively.

5.3 Commodity-wise traffic handled, in respect of principal commodities, by all the ports (major & non-major) in India from the year 2007-08 to 2020-21are presented in **Table 4**below:

Table 4 : Commodity-wise Traffic Handled by All Ports (Million Tonnes)							
Year	Commodity-wise Traffic						
	POL (Crude & Products)	Iron Ore	Building materials	Coal	Fertiliser Raw Material	Others	Total
2007-08	258.47 (13.82)	126.52 (10.44)	16.26 (13.02)	84.11 (6.94)	25.39 (-1.91)	214.94 (14.24)	725.69 (11.87)
2008-09	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)
2009-10	312.58 (14.91)	149.71 (16.47)	13.14 (-0.88)	113.06 (14.92)	27.23 (0.37)	218.58 (6.78)	834.30 (12.13)
2010-11	325.26 (4.06)	125.95 (-15.87)	12.33 (-6.20)	133.61 (18.17)	33.52 (23.10)	254.77 (16.56)	885.44 (6.13)
2011-12	330.17 (1.51)	91.34 (-27.48)	12.87 (4.37)	157.82 (18.12)	36.15 (7.82)	285.60 (12.10)	913.93 (3.22)
2012-13	349.29 (5.79)	49.14 (-46.19)	11.95 (-7.10)	196.07 (24.24)	27.35 (-24.35)	299.95 (5.03)	933.75 (2.17)
2013-14	350.28 (0.28)	41.38 (-15.81)	14.18 (18.61)	219.43 (11.92)	25.79 (-5.68)	321.40 (7.15)	972.46 (4.15)
2014-15	333.94 (-4.67)	43.02 (3.98)	14.22 (0.32)	275.10 (25.37)	30.35 (17.67)	355.60 (10.64)	1052.22 (8.20)
2015-16	367.00 (9.90)	32.70 (-24.00)	14.17 (-0.36)	275.93 (0.30)	32.97 (8.63)	348.99 (-1.86)	1071.76 (1.86)
2016-17	386.30 (5.26)	76.22 (133.10)	15.17 (7.03)	259.93 (-5.80)	28.29 (-14.18)	367.78 (5.38)	1133.69 (5.78)
2017-18	406.68 (5.28)	77.77 (2.03)	15.59 (2.76)	273.41 (5.18)	26.77 (-5.40)	408.35 (11.03)	1208.56 (6.60)
2018-19	412.69 (1.48)	83.64 (7.55)	16.16 (3.68)	308.58 (12.86)	31.64 (18.20)	429.07 (5.08)	1281.78 (6.06)
2019-20	(418.79) (1.48)	(95.65) (14.36)	(15.00) (-7.17)	(297.40) (-3.62)	(32.11) (1.50)	(461.01) (7.44)	(1319.97) (2.98)
2020-21	(348.69) (-16.74)	(107.32) (12.20)	(13.89) (-7.45)	(256.77) (-13.66)	(31.36) (-2.35)	(491.96) (6.71)	(1249.99) (-5.30)
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 marginal changes over the years. POL & its products continue to be the single largest commodity handled by the ports, constituting 27.90% of the total seaborne traffic followed by Coal (20.54%), Iron ore (8.59%) and FRM (2.51%) in 2020-21.

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 212 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:

Table 5 : State-wise Cargo Traffic at Indian Ports during 2020-21 (Million Tonnes)			
Name of the State	Major Ports	Non-Major Ports	Total
1. Gujarat	117.57	387.57	505.14
2. Maharashtra	118.13	39.84	157.98
3. Goa	21.99	0.04	22.02
4. Karnataka	36.50	0.79	37.29
5. Kerala	31.50	0.11	31.62
6. Tamil Nadu	101.23	7.41	108.64
7. Andhra Pradesh	69.84	89.64	159.48
8. Orissa	114.55	43.03	157.58
9. West Bengal	61.37	0.00	61.37
10. Others(a)	0.00	8.88	8.88
TOTAL	672.68	577.30	1249.99

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 40.4% of the total cargo handled at Indian ports. It is also noteworthy that about 67.1% of the cargo handled by non-major ports pertains to the State of Gujarat. In terms of total port traffic, Gujarat is followed by Andhra Pradesh (12.8%), Maharashtra&Odisha 12.6%, and Tamil Nadu with share of 8.7% in India's total seaborne traffic.

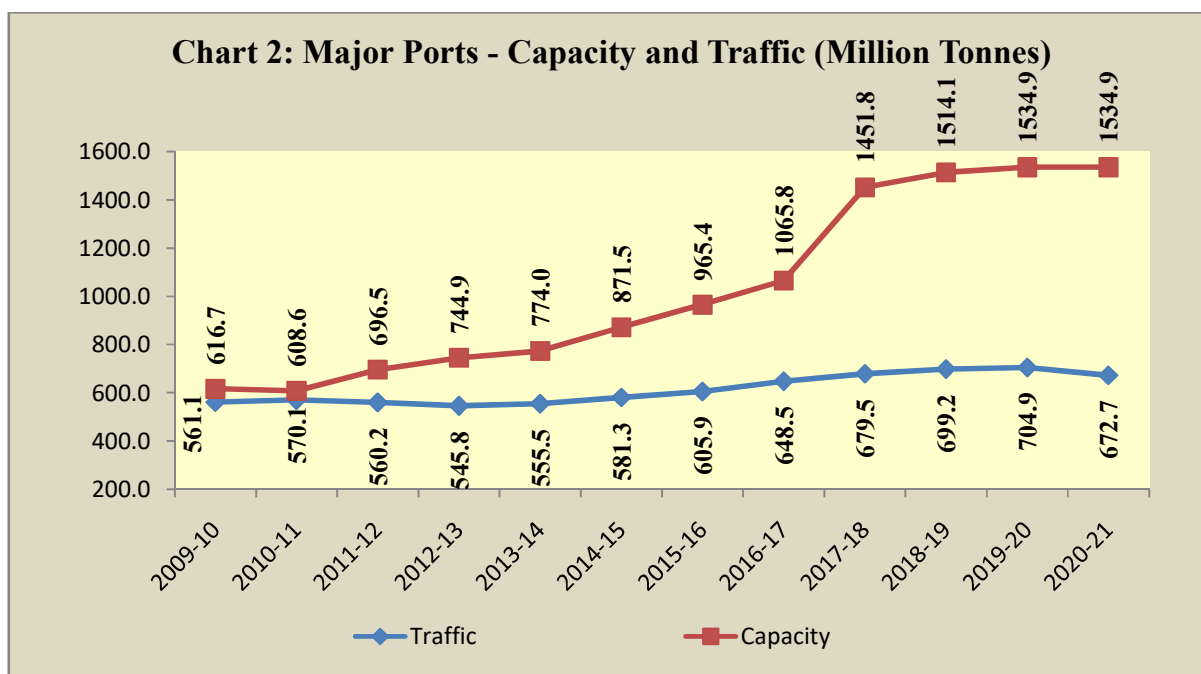
C . PERFORMANCE OF MAJOR PORTS

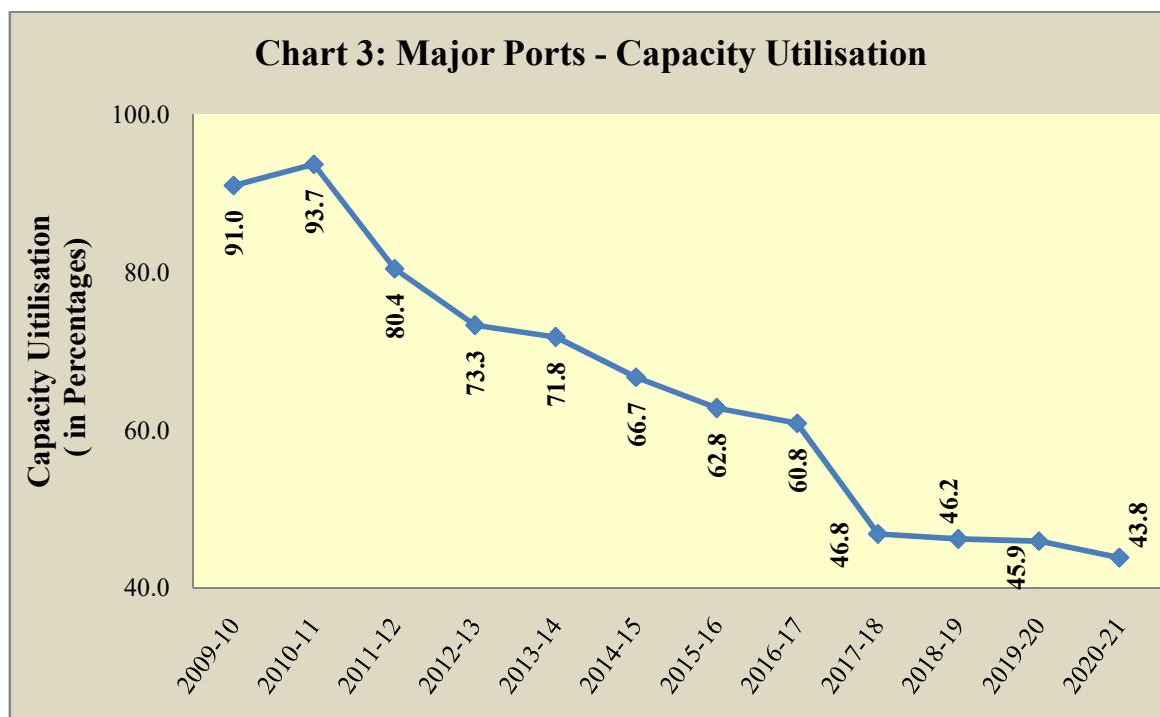
7. CARGO TRAFFIC HANDLED

7.1 The twelve major ports in India handled about 53.81% of the maritime cargo traffic of the country in 2020-21. Traffic handled at the major ports during last one decade has been increasing over the years except in 2011-12 & 2012-13 in tandem with the economic activity and volume of trade turnover. The total traffic handled by the major ports has recorded around 1.2 times increase from 561.1 million tonnes in 2009-10 to 672.68 million tonnes in 2020-21 (**Chart 2**).

7.2 Cargo handling capacity at major ports has also risen with traffic. The capacity which was placed at 616.7 million tonnes at the end of 2009-10 has increased to a level of 1514.1 million tonnes at the end of 2018-19 and further increased to 1534.91 million tonnes during 2020-21.

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 91.0 % in 2009-10, reduced to 45.9% in 2019-20. The capacity utilization at Major ports from 2009-10 to 2020-21 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 2020-21 by major ports was of the order of 525.33 million tonnes and 147.35 million tonnes respectively. The Overseas Cargo traffic handled at Major Port recorded decline of 3.6% in 2020-21 as compared to 2019-20 and the Coastal cargo traffic declined by 7.8% in 2020-21. However, the total cargo traffic handled in 2020-21 was decreased by 4.6% as compared to 2019-20.

8.2 The Cargo traffic in terms of coastal and overseas categories at Major Ports during 2019-20 & 2020-21 are given in **Table 6**. Amongst the major ports, Deendayal Port (erstwhile Kandla port) accounted for the highest share of 17.5% in the total cargo traffic at all major ports during 2020-21 followed by Paradip (17.0%), Vishakhapatnam (10.4%), J.L. Nehru (9.6%), Mumbai (7.9%), SMP (Haldia Dock Complex) (6.8%), Chennai (6.5%), NMPT (5.4%) and V.O. Chidambaram Port & Cochin Port (4.7%). The cargo traffic at Kamarajar Port, Mormugao Port, and SMP Kolkata Dock System (KDS) had a share of less than 4% each during the same period of 2020-21. 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 Mormugao recorded highest growth of 37.4% during 2020-21 followed by Paradip (1.6%). Other major ports like Kamarajar recorded a

highest negative growth (18.4%) followed by Mumbai Port (12.1%), V.O.Chidambaranar Port (11.9%), SMP (KDS) (8.1%), Cochin Port (7.4%), Chennai Port (6.9%), NMPT (6.8%), JNPT (5.3%), Deendayal Port (4.1%), Vishakhapatnam Port (4.0%) and SMP Haldia (2.6%) respectively.

Table 6 : Major Port wise-share of cargo handled						
Port	(Million Tonnes)					
	2019-20			2020-21		
	Overseas	Coastal	Total	Overseas	Coastal	Total
SMP(Kolkata Dock System)	15.95	1.35	17.30	15.32	0.58	15.90
	(2.93)	(0.85)	(2.45)	(2.92)	(0.39)	(2.36)
SMP (Haldia Dock Complex)	37.49	9.19	46.68	40.40	5.07	45.47
	(6.88)	(5.75)	(6.62)	(7.69)	(3.44)	(6.76)
Paradip	77.28	35.41	112.69	83.92	30.63	114.55
	(14.18)	(22.16)	(15.99)	(15.97)	(20.79)	(17.03)
Visakhapatnam	56.39	16.34	72.72	52.99	16.86	69.84
	(10.34)	(10.23)	(10.32)	(10.09)	(11.44)	(10.38)
Chennai	41.78	4.97	46.76	37.96	5.59	43.55
	(7.66)	(3.11)	(6.63)	(7.23)	(3.79)	(6.47)
Kamarajar	18.00	13.75	31.75	14.70	11.19	25.89
	(3.30)	(8.61)	(4.50)	(2.80)	(7.59)	(3.85)
V.O.Chidambaranar	27.37	8.71	36.08	21.14	10.65	31.79
	(5.02)	(5.45)	(5.12)	(4.02)	(7.23)	(4.73)
Cochin	22.94	11.10	34.04	20.40	11.10	31.50
	(4.21)	(6.95)	(4.83)	(3.88)	(7.53)	(4.68)
New Mangalore	29.11	10.04	39.15	25.83	10.67	36.50
	(5.34)	(6.28)	(5.55)	(4.92)	(7.24)	(5.43)
Mormugao	14.45	1.56	16.01	20.58	1.41	21.99
	(2.65)	(0.98)	(2.27)	(3.92)	(0.96)	(3.27)
J. L. Nehru	64.27	4.18	68.45	60.10	4.71	64.81
	(11.79)	(2.62)	(9.71)	(11.44)	(3.19)	(9.63)
Mumbai	34.29	26.40	60.70	29.58	23.74	53.32
	(6.29)	(16.52)	(8.61)	(5.63)	(16.11)	(7.93)
Deendayal	105.84	16.76	122.61	102.41	15.15	117.57
	(19.42)	(10.49)	(17.39)	(19.50)	(10.28)	(17.48)
Total	545.15	159.77	704.92	525.33	147.35	672.68
	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

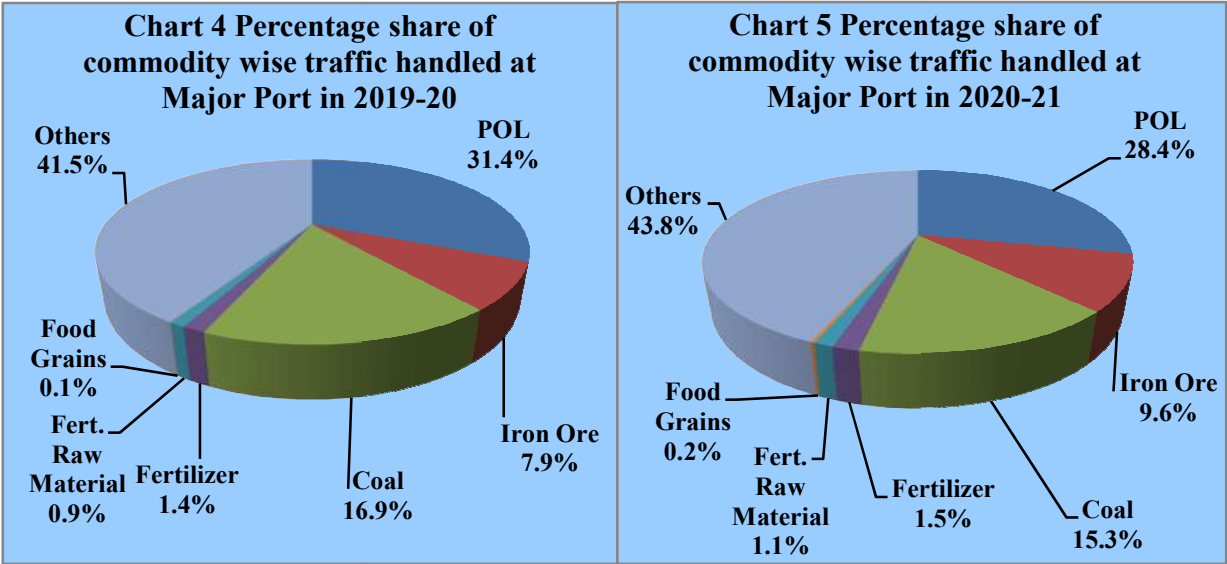
9. COMMODITY-WISE TRAFFIC

9.1 Commodity-wise break-up of traffic handled at the major ports in India from 2007-08 to 2020-21 is given in **Table 7** below:

Table 7: Commodity-wise Cargo Traffic Handled at Major Ports (Million Tonnes)								
Year	POL (Crude & Products)	Fertilizer	Fertilizer Raw Material Dry	Iron Ore	Coal*	Food- grains	Others	Total
2007-08	167.44 (14.78)	11.87 (49.68)	6.41 (-42.46)	92.3 (14.54)	68.67 (6.25)	2.99 (-39.35)	169.65 (14.10)	519.33 (11.98)
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)	581.331 (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)	605.887 (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)	648.473 (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)
Note: Figures in parenthesis indicate growth over the previous year. *Thermal Coal & Coking Coal								

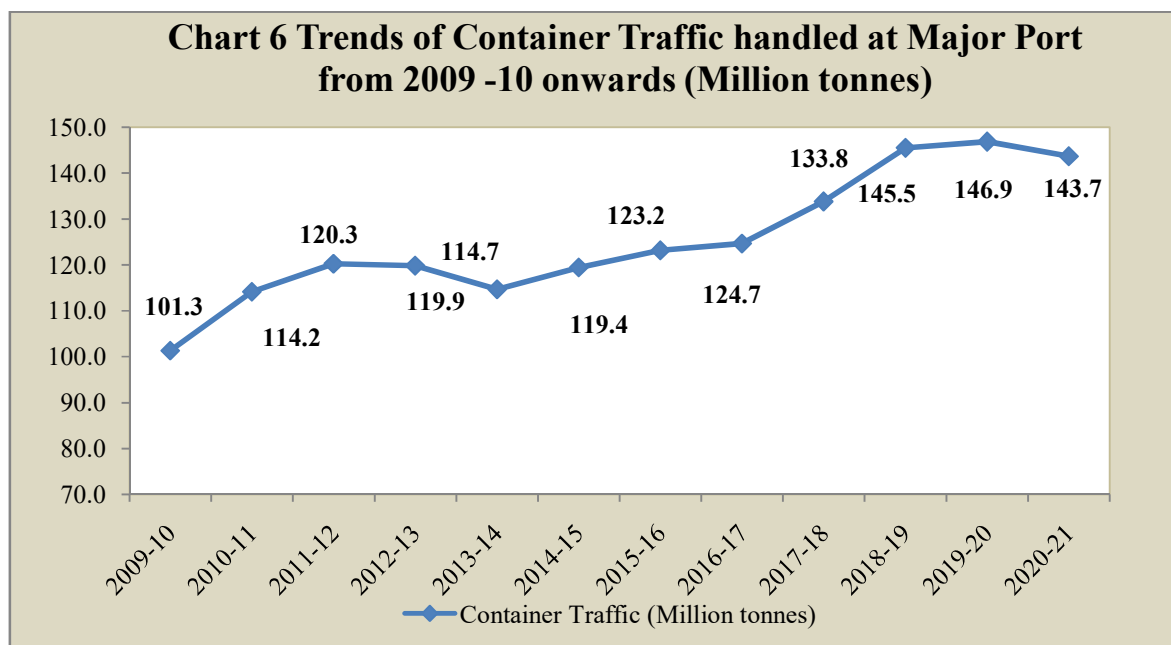
9.2 The highest growth in traffic during 2020-21, among the principal commodities, is seen in the case of Food Grain (284.9%), followed by Iron ore (16%), FRM (14.7%), Fertilizer (8.9) and Other Commodity (0.8%). Traffic for POL reported highest negative growth (13.8%) followed by Coal of (13.4%) respectively.

9.3 In respect of the traffic handled at Major ports, it is also observed that more than 89% of the traffic handled during 2019-20 was accounted by three commodities viz. other cargo including Containers (41.5%), POL & Products (31.4%) and Coal (16.9%).



10. CONTAINER TRAFFIC

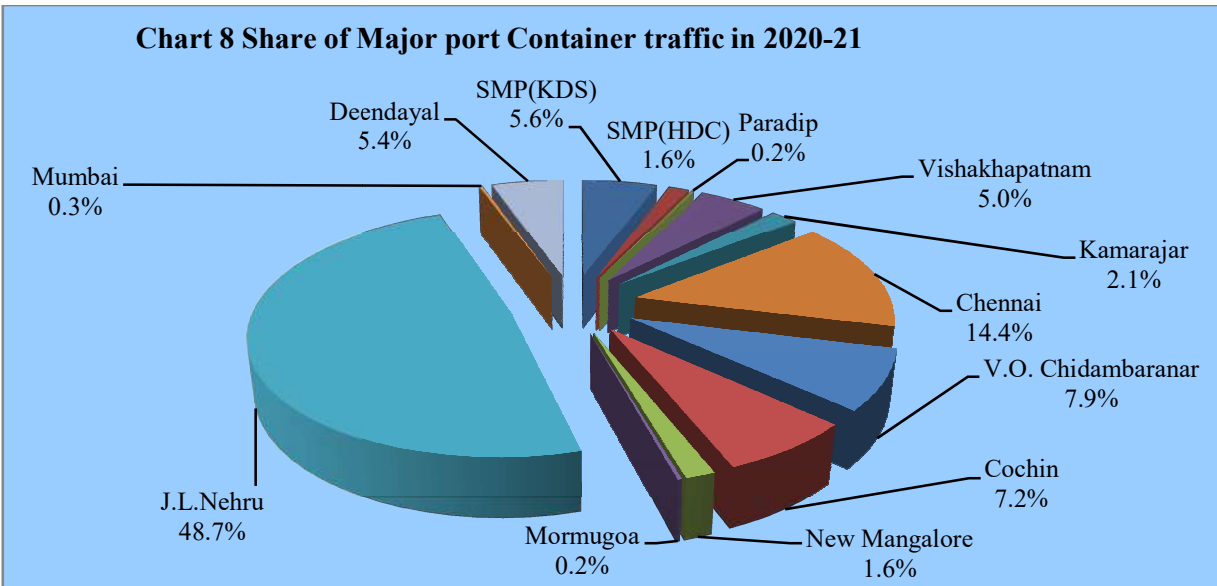
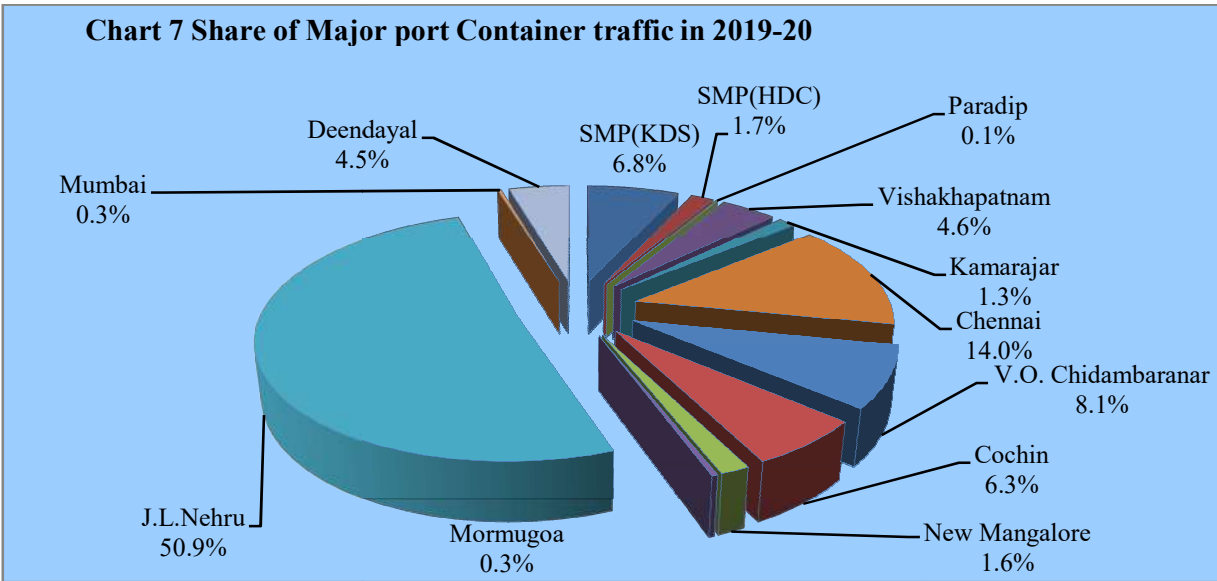
10.1 Containerization started in India in 1973 in a limited way with the creation of interim container handling facilities at Mumbai and Cochin Ports. Since then, container traffic has steadily increased over the years, in tune with the increasing use of containers in international trade. Container traffic has experienced about 1.2 times increase from 101.3 million tonnes) in 2009-10 to 120.3 million tonnes in 2011-12. It increased to 145.5 million tonnes in 2018-19 and decreased to 143.7 million tonnes (9.6 million TEUs) in 2020-21 (**Chart-6**).Non-containerized cargo declined from 558.06in 2019-20 million tonnes to 528.97 million tonnes in 2020-21.



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

Table-8 Major Port-wise Container Traffic Handled (in 000' tonnes & 000' TEUs)				
Name of Port	2019-20		2020-21	
	000' Tonnes	000' TEUs	000' Tonnes	000' TEUs
SMP (Kolkata D.S)	9767	675	8237	538
SMP (Haldia D.C)	3032	169	2927	149
Paradip	222	12	279	16
Vishakhapatnam	8649	409	8178	481
Kamarajar	2524	128	3871	198
Chennai	26710	1384	26768	1387
V.O.Chidambaranar	16436	804	15023	762
Cochin	8628	620	9550	690
New Mangalore	2278	153	2291	150
Mormugao	418	32	307	22
J.L.Nehru	60940	5031	57746	4677
Mumbai	291	27	255	25
Deendayal	6967	447	8279	515
All Ports	146861	9892	143710	9610

10.3 The share of JNPT during 2020-21 in total container traffic stood at 48.7% (in TEUs) and 40.2% (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 (14.4%), V.O. Chidambaranar (7.9%), Cochin (7.2%) SMP Kolkata Dock System (5.6%), , Deendayal (5.4%) and Vishakhapatnam (5%). 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 2020-21 also, the share of Mumbai Port in container traffic was 0.3 percent only in TEUs. Concomitantly, the share of JNPT has surged ahead from 19.4% to 48.7% during the same period. Chart 7 and 8 gives the share of container cargo handled at Major Ports during 2019-20 and 2020-21 respectively.



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 1514.09 million tonnes at the end of 2018-19 and further increased to 1534.91million tonnes at the end of 2020-21. The port-wise capacity and traffic handled for the year 2020-21is brought out in **Table 9**below:

Table 9 : Major Port-wise Capacity Utilization During 2020-21 (Million Tonnes)			
Name of the Port	Capacity	Traffic	Capacity Utilisation(%)
SMP Kolkata Dock System	31.57	15.90	50.36
SMP Haldia Dock Complex	51.00	45.47	89.15
Paradip	249.00	114.55	46.00
Visakhapatnam	134.18	69.84	52.05
Kamarajar	91.00	25.89	28.45
Chennai	135.00	43.55	32.26
Chidambaranar	111.46	31.79	28.52
Cochin	78.60	31.50	40.08
New Mangalore	104.73	36.50	34.85
Mormugao	63.40	21.99	34.68
J. L. Nehru	138.87	64.81	46.67
Mumbai	79.00	53.32	67.50
Deendayal	267.10	117.57	44.02
ALL PORTS	1534.91	672.68	43.83

11.2 SMP (Haldia Dock Complex) is the port where capacity utilization is more than 75% i.e (89.15%). Some of the other ports having capacity utilization of more than 50% are Mumbai (67.50%), Visakhapatnam (52.05%) and SMP(KDS) (50.36%).

EFFICIENCY INDICATORS OF MAJOR PORT OPERATIONS

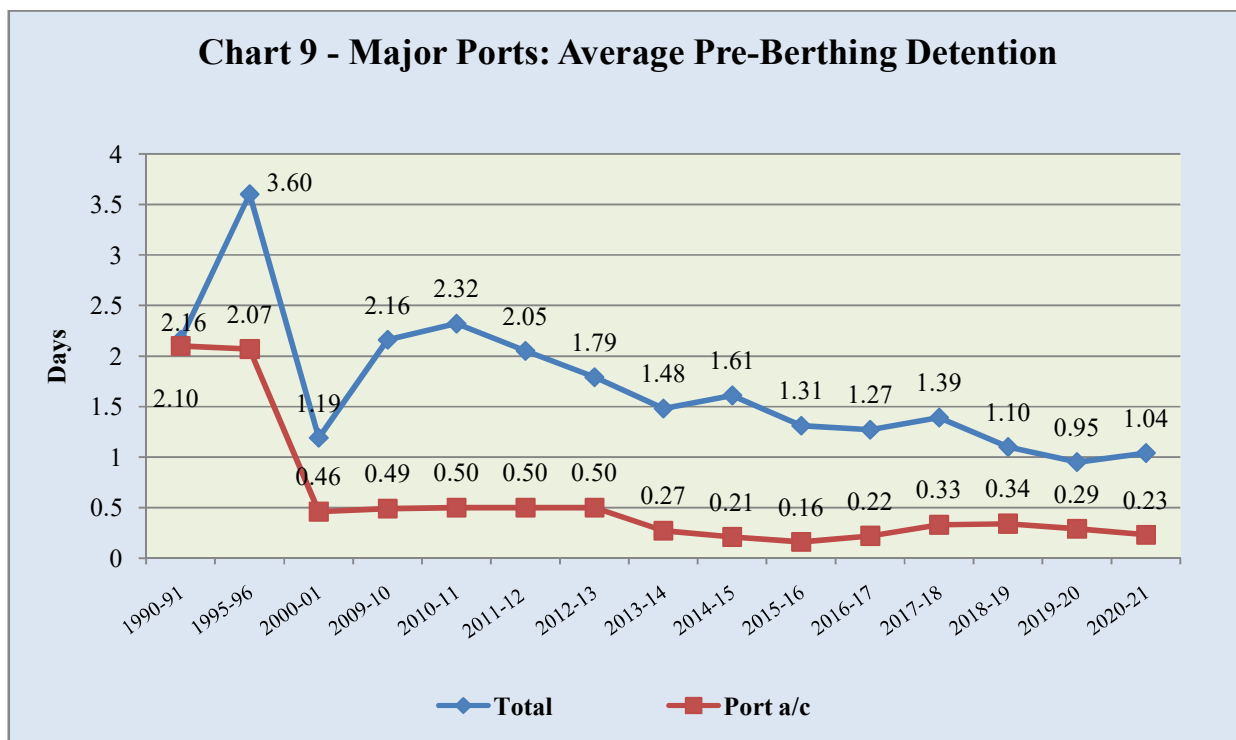
12 Average Pre-berthing Detention

12.1 The average overall pre berthing detention time for all major ports declined from 2.2 days in 1990-91 to 1.04 days in 2020-21. However, the average PBDT which decreased to 0.95 days in 2019-20 further increased to 1.04 days in 2020-21. Port-wise average PBD for selected years is indicated in **Table 10** below:

Table 10 : Average Pre-Berthing Detention(Days)								
Port	1990-91	2000-01	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
1	2	3	4	5	6	7	8	9
SMP Kolkata D.S	0.9	0.61	0.50	0.57	0.62	0.46	0.70	0.51
SMP Haldia D.C	1.66	0.91	0.66	2.49	3.15	2.72	2.96	2.71
Paradip	1.59	1.41	2.05	2.47	0.87	0.30	0.64	0.26
Vishakhapatnam	1.83	0.75	1.47	1.22	2.37	1.29	0.05	0.05
Kamarajar			4.73	0.96	0.57	0.18	0.12	0.08
Chennai	2.1	2.45	0.44	0.38	0.86	0.15	0.00	0.00
V.O.Chidambaranar	0.9	1.4	1.33	1.80	1.13	0.68	0.65	0.50
Cochin	0.83	0.74	0.66	0.48	0.43	0.53	0.48	0.64
New Mangalore	0.79	0.77	0.76	0.62	1.16	1.10	1.26	1.09
Mormugao**	2.51	1.32	1.38	1.67	1.31	1.24	1.21	1.26
J.L.Nehru		0.67	1.17	0.77	0.92	0.82	0.77	0.91
Mumbai	3.4	1.26	1.27	0.46	0.96	1.07	0.16	0.10
Deendayal	4.4	1.51	1.98	2.02	1.90	2.02	1.85	2.81
All Ports	2.16	1.19	1.31	1.27	1.39	1.10	0.95	1.04
** Relate to dry bulk cargo for MOHP(Mech.) and Berth No. 10 & 11 (Conv.)								

12.2 During 2020-21, Major Ports except SMP KDS, SMP HDC, Paradip Port, Kamarajar, VOC, Vishakhapatnam, Mumbai and New Mangalore Port experienced drop in pre-berthing detention of vessels. Data on PBD for different types of vessels indicate that in 2020-21, the PBD was the least in the case of container vessels 0.42 days followed by dry bulk (Mechanical) (0.48 days), dry bulk (Conventional) (1.25 days), break bulk (1.37 days) and liquid bulk vessels (3.07 days).

12.3 The trajectory of weighted average of pre berthing detention time at Major ports- total and Major Port on port account during 1990-91, 1995-96, 2000-01, 2009-10 onwards and up to 2020-21 is shown in **Chart 9**.



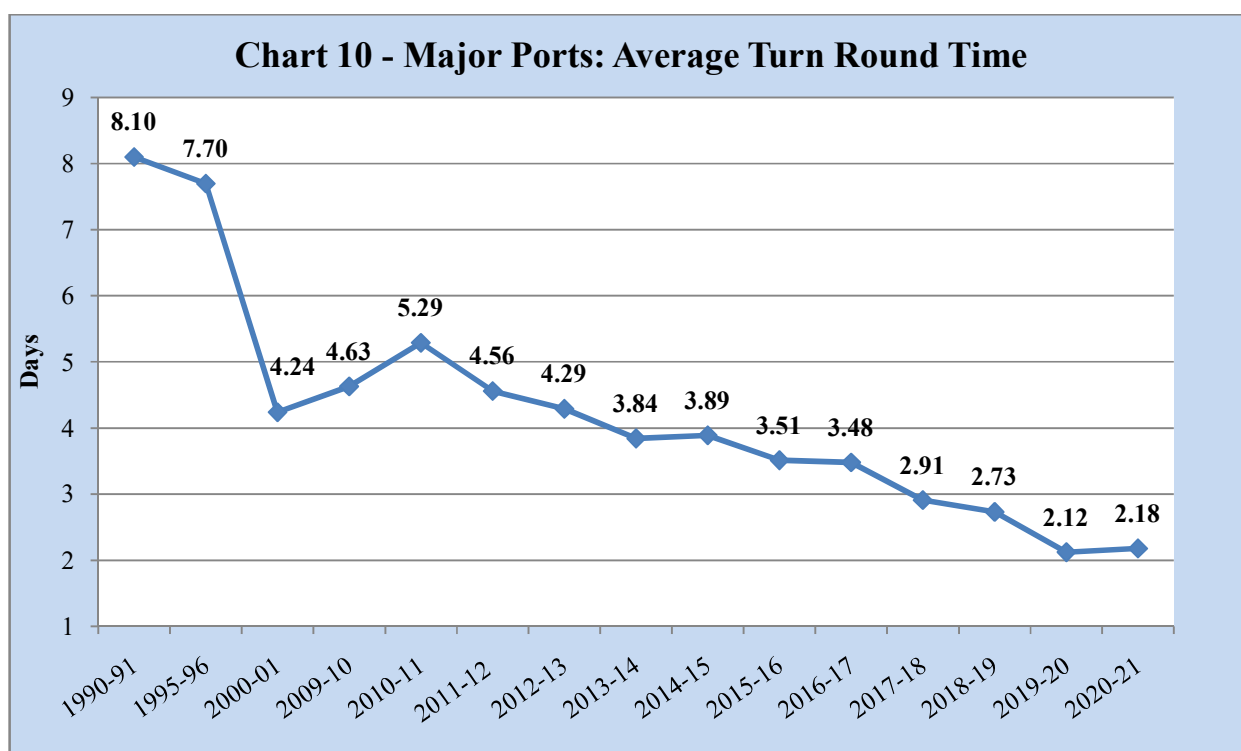
13 Average Turn-Round Time (TRT)

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 8.10 days in 1990-91 to 4.24 days in 2000-01. Thereafter the average TRT has increased steadily to 5.29 days in 2010-11 and declined to 3.84 days in 2013-14 and further reduced to 2.18 days in 2020-21. Port-wise average TRT varied in the range between 2.91 days at SMP Haldia D.C. to 1.19 days at JNPT during 2020-21. 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 202-21, the average TRT was least in case of container vessels (1.30 days) followed by liquid bulk (1.82 days), dry bulk (Mech.) (2.18 days), dry bulk (Conv.) (3.32 days) and break bulk (3.66 days).

Table 11: Average Turn Round Time (days)								
Port	1990-91	2000-01	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
1	2	3	4	5	6	7	8	9
SMP Kolkata D.S	11.90	5.50	4.78	4.43	3.77	3.35	3.17	2.13
SMP Haldia D.C	6.47	3.97	3.27	5.47	3.75	3.03	2.75	2.91
Paradip	8.40	4.16	4.50	4.99	3.31	2.51	2.34	2.42
Vishakhapatnam	7.07	3.71	3.84	3.75	2.58	2.51	2.43	2.75
Kamarajar	-	-	6.87	2.68	2.19	1.97	1.73	1.79
Chennai	7.20	5.83	2.53	2.51	2.21	1.98	2.00	2.14
V.O.Chidambaranar	4.70	4.10	3.53	4.00	2.40	1.76	1.67	1.70
Cochin	4.00	3.11	2.18	1.99	1.87	1.94	1.45	1.49
New Mangalore	4.96	2.89	2.63	2.35	2.04	1.93	1.90	1.98
Mormugoa *	6.40	4.25	3.37	3.43	3.15	3.48	2.33	2.41
J.L.Nehru	-	2.21	2.31	1.96	2.23	2.13	1.23	1.19
Mumbai	10.80	5.20	3.29	2.48	2.76	2.69	1.70	2.07
Deendayal	10.00	4.72	4.28	4.51	4.25	4.68	2.54	2.59
All Ports	8.10	4.24	3.51	3.48	2.91	2.73	2.12	2.18
* Refers to dry bulk cargo for MOHP(Mech.) and Berth No. 10 &11 (Conv)								
From 2018-19 as per new definition of TRT ; from pilot boarding to de-boarding.								
Source: Major Ports								

13.3 The turn round time of cargo ships at major ports for selected years since 1990-91 to 2020-21 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 increased from 30870 in 2018-19 to 31367 tonnes in 2019-20 and further decrease to 29538 tonnes in 2020-21. During 2020-21, average parcel size has improved in all type of vessels except in Liquid Bulk. whereas average TRT has decreased for all types of vessels except Dry Bulk (Conv.) and Break Bulk. Available data on type of vessels and average parcel size vis-à-vis Average TRT is indicated in **Table 12** below:

Table 12 : Average Parcel Size and Turn Round Time

Type of Vessel	2018-19	Average TRT (Days)	2019-20	Average TRT (Days)	2020-21	Average TRT (Days)
	Average Parcel Size (Tonnes)		Average Parcel Size (Tonnes)		Average Parcel Size (Tonnes)	
	(Cargo/vessels)		(Cargo/vessels)		(Cargo/vessels)	
Dry Bulk (Mech.)	54048	2.62	54643	2.25	55647	2.18
Dry Bulk (Conv.)	37917	3.51	38917	3.18	41785	3.32
Liquid Bulk	31060	2.89	34573	1.83	24186	1.82
Break Bulk	9039	3.46	10380	3.01	11708	3.66
Container	26036	1.61	25581	1.39	25874	1.30
All Types	30870	2.73	31367	2.12	29538	2.18

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 21914 tonnes in 2019-20 but further decline to 19171 tonnes in 2020-21 for major ports. Average Output per Ship-berth day had doubled during 1990-91 to 2000-01 and nearly tripled during 2000-01 to 2019-20. The growth of average output per Ship-berth day is 0.3% during 2019-20 over 2020-21.

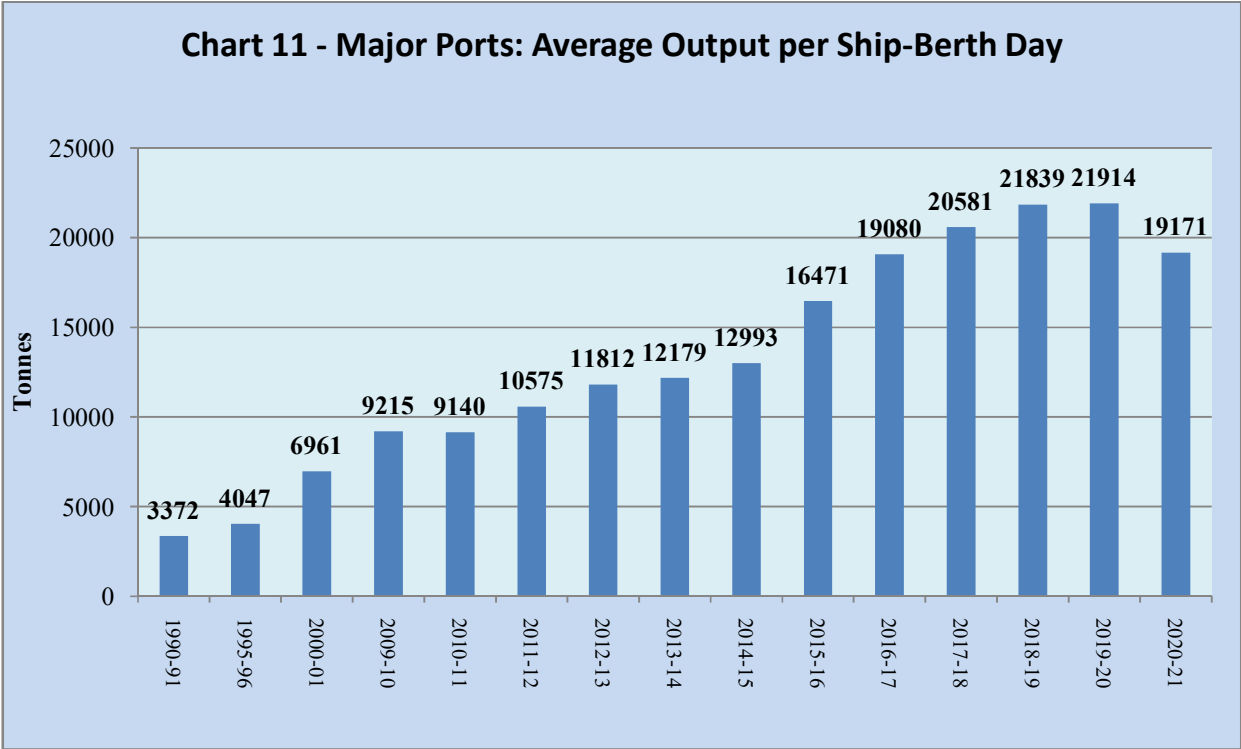
14.2 However, average output per ship-berth day is marked by substantial variation across major ports ranging from a high 30915 tonnes in case of Cochin port to a low of 8210 tonnes at Kolkata Dock System during 2019-20. This variation reflects the type of cargo being handled, level of mechanization and labour practices. Amongst the 12 major ports, improvement in average Output per Ship Berth-day during 2020-21 over the previous year is visible in SMP Kolkata Dock & Mormugao Port. 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	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
1	2	3	4	5	6	7	8	9
SMP Kolkata D.S	560	2305	3201	6080	6962	7765	7174	8210
SMP Haldia D.C	5659	6384	9126	12537	13832	15083	15192	14243
Paradip	4082	8503	26965	30245	33440	36030	32001	30224
Visakhapatnam	5325	9799	17179	16823	17592	18281	20032	17238
Kamarajar	-	-	31106	26235	28456	27678	26581	23945
Chennai	3912	6977	18976	19220	19113	21001	20340	20331
V.O.Chidambaranar	2130	3983	13619	13612	15557	19494	19334	19302
Cochin	3714	6138	20962	23539	28143	30150	31258	30915
New Mangalore	4412	12192	16165	17094	16378	18126	19140	19048
Mormugao*	10429	12438	21542	30414	24948	18685	19944	24305
J.L.Nehru	-	6383	23792	23897	22526	25847	28296	27711
Mumbai	2310	4213	18020	20915	22996	25941	25608	23659
Deendayal	4417	8230	16538	18235	22903	21373	21109	10467
All Ports	3372	6961	16471	19080	20581	21839	21914	19171
*Relate to dry bulk cargo for MOHP(Mech.) and Berth No. 10 &11 (Conv.)								

14.3 As compared to 2019-20, the Average output per ship Berth-day declined by 12.5% in 2020-21. The average output ship berth-day has shown improvement in Dry Bulk (Conv.) & Break Bulk in 2020-21 as compared to 2019-20. 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 2018-19, 2019-20 & 2020-21 of all commodities is presented below in **Table-14**.

Table- 14 Average Output per ship Berth-day by Vessel Type					
Type of Vessel	Average Output per ship Berth-day (Tonnes)				
	2018-19	2019-20	2020-21	% Change (2019-20 on 2018-19)	% Change (2020-21 on 2019-20)
Dry Bulk (Mech.)	29820	29594	29330	-0.8	-0.9
Dry Bulk (Conv.)	19243	18409	18738	-4.3	1.8
Liquid Bulk	25818	26180	19838	1.4	-24.2
Break Bulk	4699	4193	4349	-10.8	3.7
Container	26737	27078	26604	1.3	-1.8
All Types	21839	21914	19171	0.3	-12.5

14.4 The average out-put per Ship Berth-day for selected years since 1990-91 to 2020-21 is presented in the **Chart -11** below.



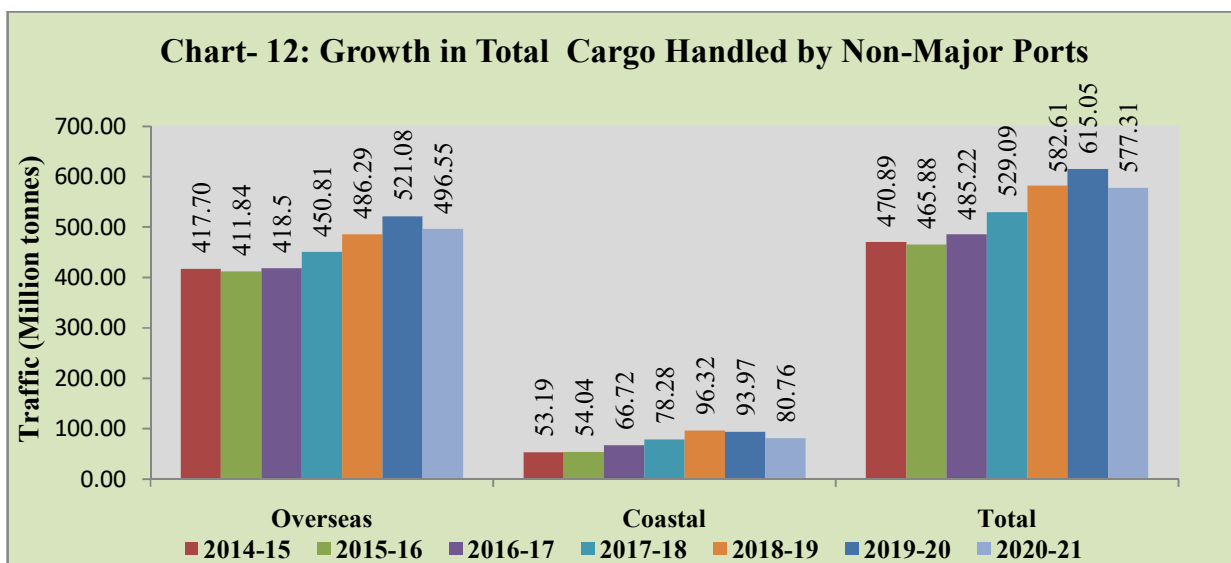
Output per Ship Berth-day – Total tonnage handled distributed over total number of berth days

D. PERFORMANCE OF NON-MAJOR PORTS

15. CARGO TRAFFIC HANDLED

15.1 There are 212 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 (12), Kerala (17), Lakshadweep (10), Tamil Nadu (15), Puducherry (3), Andhra Pradesh (13), Orissa (14), West Bengal (1) and Andaman & Nicobar Island (24). Out of these 212 Non-major ports, only some ports are well developed and provide all-weather berthing facilities for cargo handling. In 2020-21, 68 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 577.31 million tonnes of traffic during the year 2020-21 as compared to 615.05 million tonnes of cargo handled in 2019-20 (Chart-12). The cargo handled at Indian ports declined by 6.1% in 2020-21 as compared to 5.6% growth registered in 2019-20. At a disaggregated level, the overseas cargo traffic decreased by 4.7% in 2020-

21 compared to growth of 7.2% recorded in 2019-20. Coastal cargo traffic decreased by 14.1% in 2020.21 compared to an decrease of 2.4 % in 2019-20.

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.

Table 15 : Commodity -wise Traffic Handled at Non-major Ports							
(Million Tonnes)							
Year	POL & its Products	Iron Ore	Building Material	Coal*	Fertiliser & FRM	Others	Total
2008-09	97.82	35.86	13.26	21.46	8.85	35.97	213.22
	(7.45)	(4.79)	-(18.45)	(38.90)	(24.47)	-(14.96)	(3.31)
2009-10	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)
2010-11	145.38	38.27	12.33	58.46	12.72	48.2	315.36
	(5.56)	-(21.59)	-(6.16)	(41.62)	(33.89)	(25.23)	(9.14)
2011-12	156.32	30.62	12.87	79.04	15.74	59.16	353.75
	(7.53)	-(19.99)	(4.38)	(35.20)	(23.74)	(22.74)	(12.17)
2012-13	168.57	21.86	11.95	109.26	12.55	63.74	387.93
	(7.84)	-(28.61)	-(7.15)	(38.23)	-(20.27)	(7.74)	(9.66)
2013-14	169.78	18.34	14.18	126.32	12.01	76.35	416.97
	(0.72)	-(16.11)	(18.64)	(15.62)	-(4.30)	(19.78)	(7.49)
2014-15	167.28	26.79	14.22	156.74	13.95	91.90	470.888
	-(1.47)	(46.11)	(0.32)	(24.08)	(16.17)	(20.38)	(12.93)
2015-16	180.64	17.38	14.17	141.87	16.95	94.85	465.87
	(7.99)	-(35.12)	-(0.36)	-(9.48)	(21.46)	(3.21)	-(1.07)
2016-17	(186.07)	(34.45)	(15.17)	(133.76)	(14.24)	(101.53)	485.22
	(3.01)	(98.18)	(7.03)	-(5.72)	-(15.97)	(7.04)	(4.15)
2017-18	(193.42)	(36.60)	(15.59)	(146.68)	(11.71)	(125.09)	529.09
	(3.95)	(6.23)	(2.76)	(9.66)	-(17.74)	(23.20)	(9.04)
2018-19	(191.75)	(44.82)	(16.16)	(171.10)	(16.22)	(142.56)	(582.61)
	-(0.86)	(22.48)	(3.68)	(16.64)	(38.50)	(13.97)	(10.12)
2019-20	(197.16)	(39.97)	(15.00)	(178.52)	(15.96)	(168.43)	(615.05)
	(2.82)	-(10.83)	-(7.17)	(4.34)	-(1.63)	(18.15)	(5.57)
2020-21	(157.63)	(42.99)	(13.89)	(153.84)	(13.41)	(195.55)	(577.30)
	-(20.05)	(7.56)	-(7.45)	-(13.83)	-(15.95)	(16.10)	-(6.14)
Note: Figures in parenthesis indicate growth over the previous year. *Thermal Coal & Coking Coal							

15.5 POL & its products (27.3%) was the single largest commodity handled at non major ports in 2020-21. The share of POL has decreased from 32.1% in 2019-20 to 27.30% in 2020-21 . During 2020-21, the share of other cargo in the total traffic was 33.9% followed by Coal (26.7%), Iron ore (7.5%), Building Material (2.4%) and Fertilizer & FRM (2.3%).

16 Maritime States – Non-Major Ports

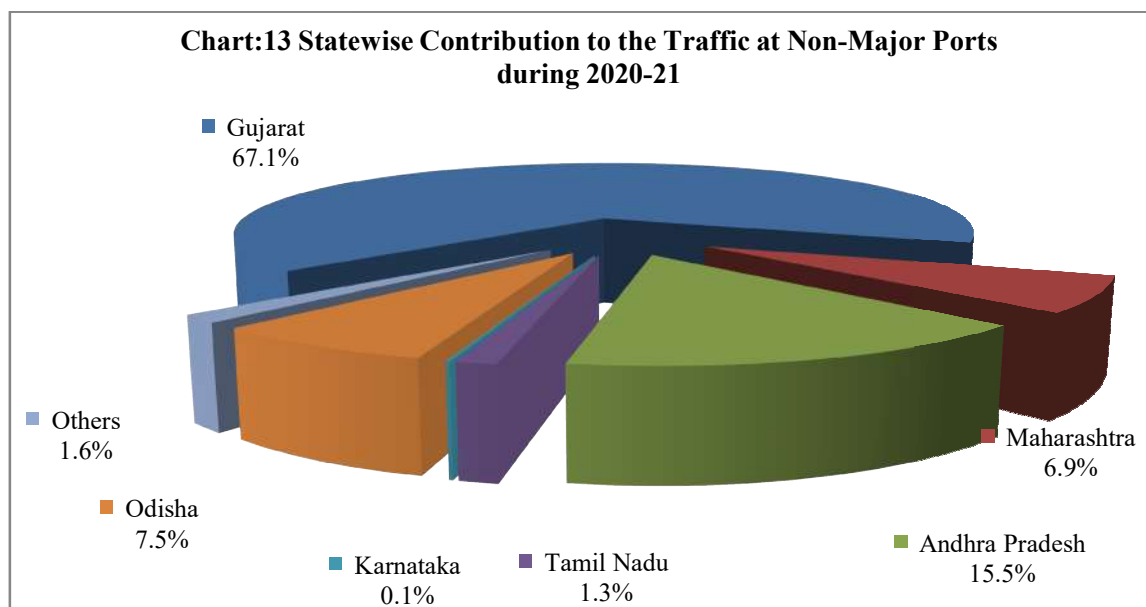
16.1 Maritime State-wise traffic handled at non-major ports in the recent years is given in Table 16 below:

Table 16 : Traffic Handled by Non-Major Ports – Maritime State-wise								
Year	Traffic Handled (Million Tonnes)							
	Gujarat	Maharashtra	AP	Tamil Nadu	Karnataka	Odisha	Others	Total
2008-09	152.81	10.42	29.72	0.9	4.97	0.3	14.1	213.22
	1.52	-8.27	54.07	1.12	-44.16	0.00	-6.75	3.31
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
Source:-Non-major Ports/ State Maritime Board/Uts								
Others includes Kerala, Andaman & Nicobar Islands, Puducherry, Goa & Lakshadweep.								

16.2 Odhisha is the only state which recorded the positive growth of 22.01 in the year 2020-21. The share of traffic handled by non-major ports in the maritime states is given in **Table 17** below:

Table 17 : Share of Traffic Handled by Non-Major Ports to total traffic at non major ports – Maritime State-wise									
Year	Traffic Handled (In Percentage)								
	Gujarat	Maharashtra	AP	Goa	Tamil Nadu	Karnataka	Odisha	Others	Total
2008-09	71.7	4.9	13.9	5.6	0.4	2.3	0.1	1.2	100
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
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 2020-21. The other major contributing States to the cargo traffic at non-major ports during 2020-21 were: Andhra Pradesh (15.5%), Odisha (7.5%) and Maharashtra (6.9%). The contributions of Tamil Nadu & Karnataka (1.3%) and (0.1%) respectively. The remaining 1.6% 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 18 non-major ports. The remaining 30 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 2020-21 was of the order of 387.57 million tonnes as against 411.79 million tonnes in 2019-20, reflecting a decrease of 5.9% as compared to an increase of 3.2% in 2019-20. Non-major ports of Gujarat account for around 67.1% of the total cargo handled by non-major ports in India during 2020-21.

Overseas traffic in 2020-21 was 348.06 million tonnes with the remaining 39.51 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:

Table 18 : Gujarat : Traffic Achieved at Select Non-Major Ports										
Year	Traffic Handled (Million Tonnes)									
	Sikka	Magdalla	Jafara-bad	Bedi	Mul-Dwarka	GAPL	Dahej	Pipavav (Inc. GPPL)	Others	Total
2008-09	65.28	14.05	4.81	2.6	3.43	35.62	11	3.71	12.31	152.81
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

17.1.4 GAPL port handled the highest cargo tonnage of 137.65 million tonnes (35.5%) of the total cargo handled by non-major ports in Gujarat in 2020-21. Main commodities handled by GAPL port is Container cargo that contributes to 54.7 % of the traffic handled at the port.

17.1.5 Sikka Port handled the cargo tonnage of 121.42million tonnes in 2020-21 as compared to 134.14 million tonnes handled in 2019-20. This port accounted for 31.3% of the total cargo handled by the non-major ports in Gujarat in 2020-21, and has witnessed increase in the cargo traffic ever since the commissioning of Gujarat Adani Port Ltd facility. Main commodities handled by GAPL port are Container, Coal and POL & its products.

17.1.6 Dahej port accounted for 29.52 million tonnes (7.6%) of the cargo traffic in 2020-21. Major commodities handled by the port are coal&Iron Ore.

17.1.7 Magdalla Port handled 28.7 million tonnes of cargo in 2020-21 with a share of 7.4% in total traffic. Major commodities handled by the port is ‘POL & its products’.

17.1.8 The important ports which showed increase in the cargo handled during 2020-21 were Bedi and GAPL; while Sikka, Magdalla, Jafarabad, Bedi, Mul-Dwarka, GAPL, Dahej and Pipavav ports witnessed a decrease in cargo traffic in 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 2020-21 (Table 19).

Table 19 : Commodity-wise Traffic Handled at Gujarat Non-Major Ports							
Year	Traffic Handled (Million Tonnes)						
	POL & Products	Coal	Building Material	Fertilizer & FRM	Iron Ore	Others	Total
2008-09	87.38	16.46	9.59	5.09	5.9	28.39	152.81
2009-10	132.82	21.64	9.32	5.02	6.84	29.94	205.58
2010-11	140.87	29.73	8.8	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	137.853	387.57

17.1.9 POL & products accounted for 39.1% of the total cargo handled in 2020-21. This was followed by Other Commodities (35.6%), Coal (16.9%), Iron Ore (3.2%), Building Material (2.8%) and Fertilizer & FRM (2.5%).

17.2 ANDHRA PRADESH

17.2.1 Andhra Pradesh is another important maritime State with a coast line of around 975 Kms. There are 13 non-major ports in Andhra Pradesh, of these, 5 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 2020-21 was 15.5%.

17.2.2 Non-major ports in Andhra Pradesh collectively handled 89.64 million tonnes of cargo during 2020-21 as compared with 99.90 million tonnes in 2019-20, registering a decline of 10.3% in traffic. The overseas traffic during 2020-21 was 77.64 million tonnes (86.6%) of the total cargo traffic in nonmajor ports of Andhra Pradesh and coastal traffic was of the order of 12.0 million tonnes (13.4%) of total cargo traffic.

Table 20 below gives the port wise details of the cargo handled at non-major ports in Andhra Pradesh from 2008-09 onwards and upto 2020-21.

Table 20 : Traffic Achieved at Select Non-Major Ports – Andhra Pradesh						
Year	Traffic Handled (Million Tonnes) – Port Wise					
	Rawa	Kakinada Anchorage	Kakinada Deep Water Port	Ganga-varam	Krishna-patnam	Total
2008-09	2.18	2.19	14.51	2.63	8.21	29.72
2009-10	1.85	0.82	11.94	12.95	16.13	43.69
2010-11	1.56	1.15	10.81	13.84	15.91	43.27
2011-12	3.2	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

17.2.3 Commodity-wise analysis of the total cargo handled by the non-major ports in Andhra Pradesh indicates that Coal (51.9%), Other Cargo (34.5%), Iron ore (8.6%), Fertiliser & FRM (2.6%)

and Building material (0.9%) were the principal items of cargo handled during 2020-21 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 increasing trend till 2015-16. However, during 2016-17 it decreased from 46.20 million tonnes to 39.52 million tonnes. The Coal handled at non-major ports of Andhra Pradesh during 2020-21 was 46.54 million tonnes as compared to 55.03 million tonnes during 2019-20. The trend for iron ore has reversed sharply in 2010-11 due to ban on mining of Iron Ore in Andhra Pradesh. However, Iron ore has shown growth from 2.98 million tonnes in 2016-17 to 8.13 million tonnes in 2018-19, this again reduced to 5.42 million tonnes in 2019-20. The Iron ore handled at non-major ports of Andhra Pradesh increased to 7.66 million tonnes in 2020-21.

Table 21 : Commodity-wise Traffic Handled at Andhra Pradesh Non-Major Ports							
(In Million tonnes)							
Year	POL & Products	Iron ore	Building Material	Fertilizer & FRM	Coal	Others	Total
2008-09	9.44	9.47	0.155	3.23	3.52	3.911	29.73
2009-10	3.67	15.26	0.708	4.17	15.24	4.636	43.68
2010-11	2.79	8.96	0.484	5.8	19.62	5.623	43.28
2011-12	3.51	2.97	0.859	7.04	23.51	7.745	45.63
2012-13	1.76	0.98	1.111	5.13	30.85	11.972	51.80
2013-14	1.71	1.47	1.55	5.45	48.66	12.548	71.39
2014-15	1.40	10.53	2.492	5.36	35.96	14.97	70.72
2015-16	1.43	1.62	1.978	5.95	46.20	15.28	72.46
2016-17	2.71	2.98	1.656	4.87	39.52	17.861	69.60
2017-18	1.45	5.95	1.731	5.11	45.26	26.79	86.29
2018-19	1.40	8.13	2.389	7.49	56.31	27.62	103.34
2019-20	1.41	5.42	1.13	6.15	55.03	30.76	99.90
2020-21	1.36	7.66	0.80	2.32	46.54	30.96	89.64

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 2020-21.

17.3.2 The total cargo traffic handled at the non-major ports of Maharashtra during 2020-21 was 39.84 million tonnes as compared to 43.66 million tonnes in 2019-20. This shows a decline of 8.7%. Out of 39.84 million tonnes of total cargo handled by Non-Major ports in Maharashtra, 21.02

million tonnes(52.8%) was overseas cargo and the remaining 18.84 million tonnes (47.2%) was coastal cargo.

17.3.3 Overseas traffic was declined by 9.9% to 21.02million tonnes in 2020-21 from 23.35million tonnes in 2019-20.Coastal traffic also decrease by7.2% to 18.84 million tonnes from 20.31million tonnes in 2019-20. 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 16.64 million tonnes accounting for 41.8% of total traffic at non-major ports handled in the State.

Table 22 : Traffic Achieved at Select Non-Major Ports – Maharashtra						
Year	Traffic Handled (Million Tonnes)					
	Dharamtar	Revdanda	Ulwa-Belapur	Ratnagiri	Others	Total
2008-09	5.09	1.03	1.56	0.73	2.01	10.42
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

17.3.4 Commodity-wise break-up of the cargo handled by the non-major ports of Maharashtra indicates that Coal traffic of 18.99 million tonnes constituted (47.7%) of the total cargo handled in 2020-21 followed by Iron ore (23.94%), Other commodities (23.48%),Building Material (4.5%) and POL & Products(0.4%)as shown in the **Table 23**. As seen from the table, all commodities except Other commodities have shown decrease in traffic in 2020-21 as compared to 2019-20.

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
2008-09	4.27	2.35	-	1.46	2.34	10.42
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

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 0.04 million tonnes during 2020-21 as compared with 0.008 million tonnes handled in the previous year. The commodity composition of traffic is brought out in **Table 24**.

17.4.2 Iron Ore 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 zero during 2020-21.

Table 24 : Commodity-wise Traffic Handled at Non-Major Ports – GOA					
Year	Traffic Handled (Million Tonnes)				
	Iron Ore	Coal	Iron & Steel	Others	Total
2008-09	11.9	-	-	-	11.9
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

17.4 KARNATAKA

17.4.1 Karnataka has a coastline of around 280 Kms. with 12 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 2020-21 as compared to 0.94 million tonnes in 2019-20 reflecting decrease of 16.0% over the previous year. The port-wise cargo traffic handled in Karnataka is given in Table 25.

Table 25 : Traffic Achieved at Select Non-Major Ports – Karnataka						
Year	Traffic Handled (Million Tonnes)					
	Karwar	Old Mangalore	Malpe	Belekri	Others	Total
2008-09	2.96	0.09	0.01	1.91	-	4.97
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

17.4.2 The contribution of the Karwar Port was 0.75 million tonnes cargo which constitutes 95.5% of total cargo handled by non-major ports in Karnataka in 2020-21.

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

Table 26 : Commodity-wise Traffic Handled at Non-Major Ports – Karnataka							
Year	Traffic Handled (Million Tonnes)						Total
	POL & Products	Granite	Fertiliser & FRM	Salt	Iron Ore	Others	
2008-09	0.02	0.44	0.03	0.07	4.28	0.13	4.97
2009-10	0.04	0.34	-	0.08	7.84	0.22	8.52
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

17.5 TAMIL NADU

17.5.1 Tamil Nadu has a coastline of around 906 Kms. The State has 15 non-major ports, out of which only 6 ports handled cargo traffic. During 2020-21 the non-major ports in Tamil Nadu collectively handled 7.41 million tonnes of cargo traffic as compared to 11.37 million tonnes in the previous year. The port-wise traffic is brought out in the **Table 27** below.

Table 27: Traffic Achieved at Select Non-Major Ports-Tamil Nadu							
Year	Traffic Handled (Million Tonnes)						
	Ennore	PY-3	Nagapatinam	Tirukkadaiyur	Cuddalore	Kattupalli	Total
2008-09	0.02	0.12	0.39	0.36	0.01	-	0.90
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

17.5.2 Kattupalli port handled the maximum traffic of 7.05 million tonnes during 2020-21 accounting for 95.1% followed by Cuddalore port (0.26million tonnes) accounting for 3.6% and Other Ports (0.10 million tonnes) accounted for 2.3% 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 (90.1%) followed by POL & Products (0.53million tonnes) with a share of (7.1%) of the traffic as shown in the **Table 28**.

Table 28 : Commodity-wise Traffic Handled at Non-Major Ports-Tamil Nadu					
Year	Traffic Handled (Million Tonnes)				
	POL & Products	Fertiliser & FRM	Edible Oil	Others	Total
2008-09	0.80	0.02	0.05	0.03	0.90
2009-10	1.04	0.05	0.05	0.03	1.17
2010-11	1.50	0.06	0.04	0.01	1.61
2011-12	1.11	0.05	0.03	0.02	1.21
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

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.

Table 29: Traffic Achieved at Select Non-Major Ports-Odisha			
Year	Traffic Handled (Million Tonnes)		
	Dhamra	Gopalpur	Total
2008-09	-	0.30	0.30
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

Dhamra Port started operations in May, 2011.

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 2020-21 the non-major ports in Odisha collectively handled 43.03 million tonnes of cargo traffic as compared to 35.27 million tonnes in the previous year showing an increase of 22.01%. 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 (17.39 million tonnes) with a share of 40.4% followed by Iron ore (13.40million tonnes) with a share of 31.1% as shown in the **Table 30**.

Table 30 : Commodity-wise Traffic Handled at Non-Major Ports-Odisha					
Year	Traffic Handled (Million Tonnes)				
	Fertiliser &	Iron Ore	Coal	Others	Total
2008-09	0.20	0.04	0.00	0.05	0.30
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

SECTION – II

1. VITAL PORT STATISTICS

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

(As on 31.3.2021)

State / U.T.	Number of Major Ports	Number of Non-Major Ports(a)	Total Number of Ports
1	2	3	4
<u>WEST COAST</u>			
Gujarat	1	48	49
Maharashtra	2	48	50
Goa	1	5	6
Daman & Diu	-	2	2
Karnataka	1	12	13
Kerala	1	17	18
Lakshadweep Islands	-	10	10
<u>EAST COAST</u>			
Tamil Nadu	3	15	18
Puducherry	-	3	3
Andhra Pradesh	1	13	14
Odisha	1	14	15
West Bengal	1	1	2
Andaman & Nicobar Islands	-	24	24
TOTAL	12	212	224

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

For details see Table 1.2.

Source : M/o Ports, Shipping & Waterways

Table 1.2

List of Non-Major Ports

(As on 31.3.2021)

GUJARAT			KARNATAKA		
1	Alang*	11	Dharamtar (Alibag)*	12	Rameswaram
2	Bedi*	12	Harnai	13	Thirukkadaiyur*
3	Beyt	13	Jaigad*	14	Thiruchopuram
4	Bhagwa	14	Jaitapur	15	Valinokkam
5	Bharuch	15	Kalyan		
6	Bhavnagar*	16	Karanja*		
7	Bhogat	17	Kelshi*		
8	Billimora	18	Kelwa-Mahim		
9	Chhara	19	Kiranpani		
10	Dahej*	20	Kumbharu		
11	Gogha	21	Malvan		
12	Hazira- HPPL* & AHPPL*	22	Mandad		
13	Jafarabad*	23	Mandwa		
14	Jakhau*	24	Manori		
15	Jodiya	25	Mora		
16	Khambhat	26	Murud- Junjira		
17	Kolak	27	Nandgaon		
18	Kotda	28	Navapur		
19	Koteshwar	29	Nivati		
20	Madhvad	30	Palshet		
21	Magdalla*	31	Purnagad		
22	Mahuva	32	Rajpuri / Dighi*		
23	Mandvi	33	Ratnagiri*		
24	Mandvi Mundra Port & SEZ(GAPL)*	34	Redi*		
25	Mangrol	35	Revdanda*		
26	Maroli	36	Rewas (Thal)		
27	Mul-Dwarka*	37	Satpati		
28	Mundra (Old)*	38	Shriwardhan		
29	Nargol	39	Tarapur		
30	Navabander	40	Thane		
31	Navlakhi*	41	Trombay*		
32	Okha*	42	Ulwa-Belapur*(panvel)		
33	Onjal	43	Uttan		
34	Pindhara	44	Vasai*		
35	Pipavav (GPPL)*	45	Varoda (Tiwari)		
36	Porbandar*	46	Vengurla		
37	Port Victor	47	Versova		
38	Rajpara	48	Vijaydurg*		
39	Rupen				
40	Sachana				
41	Salaya*				
42	Sikka*				
43	Talaja				
44	Umargaon				
45	Umarsadi				
46	Valsad				
47	Vansi-Borsi				
48	Veraval				
MAHARASHTRA			ANDHRA PRADESH		
1	Arnala (Datiware)		1	i) Kaklinada Anchorage*	
2	Achra			ii) kakinada Deep water	
3	Bandra		2	Bhavanapadu	
4	Bankot*		3	Bheemunipatnam	
5	Bhiwandi*		4	Gangavaram *	
6	Borya		5	Kalingapatnam	
7	Borli Mandala		6	Krishnapatnam*	
8	Dahanu*		7	Machilipatnam	
9	Dabhol*		8	Mutyalammapalem	
10	Deogad		9	Narasapur	
			10	Nizampatnam	
			11	Ramayapattanam	
			12	Rawa*(Surasenayanam)	
			13	Vadarevu	
GOA			ANDAMAN & NICOBAR		
1	Betul		1	Campbell Bay*	
2	Chapora		2	Chowra	
3	Panaji*		3	Cinque & south cinque Islands	
4	Talpona		4	Diglipur* (Port Cornwallis)	
5	Tiracol		5	Dugong Creek	
			6	East Island	
			7	Swaraj Dweep (Havelock)*	
			8	Hut Bay*	
			9	Katchal (East Bay)*	
			10	Kondul	
			11	Macpherson (jolly Bouy)	
			12	Malacca Car Nicobar (East)*	
			13	Mayabunder*	
			14	Port Meadow	
			15	Mus Carnicobar (West)	
			16	Kamotra (Nancowr) IE Harbour*	
			17	Shaheed Dweep (Neil Island)*	
			18	Pillomillow	
			19	Port Blair*	
			20	Rangat* (Elephinston Harbour)	
			21	South Bay	
			22	Teresa	
			23	Tillanchong	
			24	Tillanchong (Castle Bay)	
TAMIL NADU			KERALA		
1	Colachel		1	Kovalam /Vizhinjam*	
2	Cuddalore*		2	Thiruvananthapuram/ Valiyathura	
3	Ennore*		3	Thankaserry	
4	Kanyakumari		4	Kollam / Neendakara*	
5	Kattupalli*		5	Alappuzha	
6	Kudankulam*		6	Kodungallore	
7	Manappad		7	Ponnani	
8	Nagapattinam*		8	Kozhikode	
9	Pamban		9	Beyport*	
10	Punnakkayal		10	Thalassery	
11	PY-3(Oil field)		11	Kannur	
			12	Kasaragode	
			13	Neeleswaram	
			14	Azhikkal*	
			15	Kayamkulam	
			16	Vadakara	
			17	Manjeswaram	
PUDUCHERRY			WEST BENGAL		
1	Pondicherry		1	Kulpi	
2	Karaikal*				
3	Chemplast Sanmar (Karaikal)*				

* Non-Major Ports handling Cargo (68 Non Major Ports).

Source : State / UT

Table 1.3

Topography of Major Ports

(As on 31.3.2021)

Port	Location		Entrance Channel			Turning Circle		Type of Dock / Port
	Latitude	Longitude	Distance of anchor from Harbour entrance(In Km)	Minimum Depth (In Mtrs.)	Minimum Width (In Mtrs.)	No.	Diameter (In Mtrs.)	
1	2	3	4	5	6	7	8	9
DEENDAYAL	23° 01' N	70° 13' E	25.0	7.0	180-200	-	-	Tidal Creek Port
Vadinar (OOT)	-	-	8.0	23.5	1500	-	-	Single Buoy Mooring (Off -Shore Oil terminal)
Mumbai	18° 54' N	72° 49' E	9.6	10.9	366	1	366	Natural Harbour with Impounded Wet docks.
J.L.Nehru	18° 56' 43"N *	72° 56' 24" E	19.17#	14.4-15.6	450	1	600	All Weather Tidal Port
Mormugao	15° 25' N	73° 48' E	4.6	14.4	250	2	480	Protected Open Natural Harbour
New Mangalore	12° 56' N	74° 48' E	7.5	15.4	245	1	570	Artificial Lagoon port with open berths
Cochin	9° 58' N	76° 14' E	13.0	15.95	175	1	670	Dry Dock /Natural Port
V.O. Chidambaranar	8° 45' N	78° 13' E	4.0	10.4	162	1	488	Artificial Harbour
Chennai	13° 06' N	80° 18' E	6.7	IH 18.6 OH 19.2	244	1	548	Artificial Harbour with Wet Docks.
Kamarajar	13° 15' 30"N	80° 21' E	3.775	16.0	250	1	600	Artificial Harbour
Visakhapatnam	17° 41' N	83° 17' E						
Inner Harbour@			2.0**	10.7	97.5	1	366	Natural Harbour
Outer Harbour@			3.1**	20.0	200	1	610	Artificial Harbour
Paradip	20° 15'-58".63"N	86° 40'-27".34"E	2.2	17.1	240	1	520	Wet Dock
Kolkata Dock System	22° 33' N	88° 18' E	232	2.5\$	45	2	KPD-190 NSD-228	Riverine with impounded Docks & River side Jetties.
Haldia Dock Complex	22° 02'N	88° 06' E	115	6.7	467	1	549	--do --

* 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)

Source : Major Ports of India report 2020-21 published by IPA

Table 1.4 Berths Available at Major Ports

(As on 31.03.2021)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2019-20	2020-21
1	2	3	4	5	6
DEEN DAYAL PORT					
I) Cargo Jetty					
CJ-I - Multipurpose	9.8	182.87	45,000	87	94
CJ-II - Multipurpose	9.8	182.87	45,000	83	93
CJ-III - Multipurpose	9.8	182.87	45,000	79	96
CJ-IV - Multipurpose	9.8	182.87	45,000	64	91
CJ-V - Multipurpose	9.1	205.73	35,000	67	90
CJ-VI - Multipurpose	9.1	205.73	35,000	87	98
CJ-VII - Multipurpose	12.0	238.64	55,000	84	82
CJ-VIII - Multipurpose	12.0	213.04	55,000	32	50
CJ-IX - Multipurpose	12.0	182.87	55,000	63	88
CJ-X - Multipurpose	12.0	205.72	55,000	69	93
CJ-XI - Multipurpose & Container	12.5	281.00	65,000	78	85
CJ-XII - Multipurpose & Container	12.5	264.00	65,000	90	93
CJ- XIII- Multipurpose & Container	13.0	300.00	75,000	85	96
CJ-XIV				84	93
CJ-XV	13.0	300.00	75,000	78	95
CJ-XVI				75	90
Tuna Takera I	15.0	600.00	...	25	60
Tuna Takera II					2
Tuna Takera III					66
Tuna Takera IV					3
II) IFFCO BARGE JETTY	...	...	...	26	22
III) Oil Jetty					
OJ-I - POL Products, Veg. Oil & other Liquids	9.8	213.4	40,000	93	95
OJ-II - POL Products, Veg. Oil & other Liquids	9.0	183.0	52,000	98	98
OJ-III - POL Products, Veg. Oil & other Liquids	9.8	213.4	40,000	97	98
OJ-IV - POL Products, Veg. Oil & other Liquids	10.7	216.0	56,000	97	96
OJ-V - Phos. Acid & Ammonia	10.7	216.0	45,000	75	71
OJ-VI - POL Products	10.1	216.0	45,000	82	65
IV) At Vadinar					
SBM-I - POL Crude	30.0	...	3,00,000	50	52
SBM-II - POL Crude	30.0	...	3,00,000	50	51
SBM-III - POL Crude	30.0	...	3,00,000	76	70
Essar C. Jetty -I	14.0	...	1,00,000	79	78
Essar C. Jetty -II	14.0	...	1,00,000	83	71
MUMBAI					
Indira Docks					
1. Indira Dock Multi-Purpose berth	8.84 to 9.14	180	...	30	35
2. Indira Dock Multi-Purpose berth	8.84 to 9.14	158	...	30	25
3. Indira Dock Multi-Purpose berth	8.84 to 9.14	158	...	11	16
4/5. Indira Dock Multi-Purpose berth	8.84 to 9.14	158	...	30	10
9. Indira Dock Multi-Purpose berth	8.84 to 9.14	152	...	28	65
J/E Indira Dock Multi-Purpose berth	8.84 to 9.14	130	...	22	25
10. Indira Dock Multipurpose	8.84 to 9.14	152	...	27	22
11. Indira Dock Multipurpose	8.84 to 9.14	152	...	4	22
12. Indira Dock Multipurpose	8.84 to 9.14	152	...	15	6
12 A. Indira Dock Multipurpose	8.84 to 9.14	180	...	34	6
12 B. Indira Dock Multipurpose	8.84 to 9.14	180	...	19	3
13 Indira Dock Multipurpose	8.84 to 9.14	158	...	24	10
13 A. Indira Dock Multipurpose	8.84 to 9.14	180	...	16	6

Table 1.4 Contd...

Berths Available at Major Ports

(As on 31.3.2021)

Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage	
				Occupancy during	
				2019-20	2020-21
1	2	3	4	5	6
13 B.Indira Dock Cargo and Bulk Cargo	8.84 to 9.14	180	...	8	1
14. Indira Dock Multipurpose	8.84 to 9.14	158	...	5	5
15. Indira Dock Multipurpose	8.84 to 9.14	158	...	5	7
16. Indira Dock Multipurpose	8.84 to 9.14	158	...	20	33
18.Indira Dock Multipurpose	7.0 CD	183	...	35	21
19/20. Indira Dock Multipurpose	7.0 CD	168	...	46	29
21. Indira Dock Multipurpose	7.0 CD	168	...	35	36
22/23. Indira Dock Multipurpose	7.0 CD	168	...	30	0
Ballard Station					
Pier- Container	10.0 CD	244	...	59	51
Ballard Extn.				52	46
Pier- Paassenger cum Cargo	10.0 CD	232	...	67	67
Victoria Dock *					
1. Multipurpose Berth	6.7	140	...	*	*
2. Multipurpose Berth	6.7	140	...	*	*
3. Multipurpose Berth	6.7	140	...	*	*
4. Multipurpose Berth	6.0	140	...	*	*
5. Multipurpose Berth	6.7	140	...	*	*
6. Multipurpose Berth	6.7	140	...	*	*
7. Multipurpose Berth	6.7	140	...	*	*
8. Multipurpose Berth	6.7	140	...	*	*
9. Multipurpose Berth	6.7	140	...	*	*
10/11. Multipurpose Berth	6.7	140	...	*	*
12. Multipurpose Berth	6.7	140	...	*	*
14. Multipurpose Berth	6.7	140	...	*	*
Prince's Dock *					
A. Multipurpose Berth	6.1 to 6.4	152	...	**	**
B. Multipurpose Berth	6.1 to 6.4	152	...	**	**
C. Multipurpose Berth	6.1 to 6.4	152	...	**	**
D. Multipurpose Berth	6.1 to 6.4	152	...	**	**
F. Multipurpose Berth	6.1 to 6.4	152	...	**	**
G. Multipurpose Berth	6.1 to 6.4	152	...	**	**
N/O. Multipurpose Berth	6.1 to 6.4	152	...	**	**
P/Q. Multipurpose Berth	6.1 to 6.4	152	...	**	**
OCT 2 Multipurpose Berth	9.3	350		16	8
OCT 1 Multipurpose Berth	9.7	350		24	21
Jawahar Dweep					
1.JD - POL	11.58	244	70,000	57	61
2 JD - POL	10.97	244	48,000	51	28
3.JD - POL	11.58	244	70,000	61	58
4 JD - POL	14.30	493	1,25,000	76	59
5 JD - POL	16.80	470	Staeted operations from January 2021		
PIR PAU - POL/Chem	7.50	174	35,000	8	0
NEW PIR PAU - POL/Chem	12.00	197	47,000	78	72
* New PIR Pau 2	13.00	230	-	74	74

Note: 4 berths viz. 5,6,7 & 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 31.3.2021)

(As on 31.3.2021)					
Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2019-20	2020-21
1	2	3	4	5	6
J.L.NEHRU					
CB-01 - Container JNPCT	16.2	680	150,000	52	68
CB-02 - Container JNPCT				49	16
CB-04 - Container NSICT				19	42
CB-05 - Container GTIPL				63	49
CB-06 - Container NSICT	16.2	330	150,000	75	66
APMT-01-Container BMCT				78	73
APMT-02-ContainerBMCT				75	72
Liquid Cargo Berth(BPCL)					
Piled Jetty-Seaward-LB-01	16.2	300#	100,000	96	92
Inner face-LB-02	12.2	280##	50,000	78	77
SB-01 Shallow Draught Berth	9.2	445	30,000	10	3
SB-02 Shallow Draught Berth	10.7			67	41
SB-03 Shallow Draught Berth	10.7			40	55
JNPT Anchorage	-	-	-	78	53
BM -1	-	-	-	30	42
BM -2	-	-	-	9	4
BM -3	-	-	-	13	35
MORMUGAO					
5 General Cargo(a)	14.0	300	50000	40	38
6. Coal, Coke	13.0	50	70000	64	77
7. Coal, Coke	14.0	300		54	59
8. Liquid Bulk	13.0	50	125000	37	19
9.General Cargo except Coal	14.0	222	275000	39	45
10. General Cargo	12.5	250	55000	50	45
11. General Cargo	12.5	270	65,000	53	63
F.J. Finger Jetty				13	-
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			
Mooring Dolphins					
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	-	-
NEW MANGALORE					
Berth No. 1 General Cargo	7.0	125	4000	3	1
Berth No. 2 General Cargo	10.5	198	30000	40	40
Berth No. 3 General Cargo	10.3	198	30000	41	56
Berth No. 4 General Cargo/Liq. Amonia/Phos. Acid	9.5	198	30000	21	18
Berth No. 5 General Cargo/Bulk Cement/Edible Oil	9.5	198	30000	42	45
Berth No. 6 Coal/Bulk Cargo	9.5	198	30000	25	27
Berth No. 7 Coal/Bulk Cargo	9.5	198	30000	32	19
Berth No.8 Coal/Bulk Cargo	12.5	300	60000	33	33
Berth No.9 LPG	10.5	330	45000	40	37
Birth No.10 Cruid/ POL Product	14.0	320	85000	41	34
Birth No.11 Cruid/ POL Product	14.0	320	85000	47	33
Birth No.12 POL Product/LPG/Chemical	12.5	320	50000	72	80
Birth No.13 POL Product	14.0	350	85000	81	84
Berth No. 14 Coal/Bulk cargo	14.0	350	90000	77	72
Berth No.15 Coal (UPCL)	14.0	350	90000	16	9
Berth No.16 Coal/Bulk Cargo	14.0	325	90000	31	24
Single Point Mooring (SPM)	21.0	-	300000	38	38

JNPT, # Liquid Cargo Berth (Seaward side) has been extended by 25 Mtr. Towards both ends i.e.north & 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 31.3.2021)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2019-20	2020-21
1	2	3	4	5	6
COCHIN					
Q1 - General Cargo	9.1	188	16000	74	36
Q2 - General Cargo	9.1	228	16000	0	0
Q3 - General Cargo	9.1	251	16000	0	0
Q4 - General Cargo/Liquid Bulk	10	503	30000	34	39
Q5 - General Cargo/Finished Fertiliser/CBFS	10.5		20000	95	55
Q6 - General Cargo/Container/CBFS	11.0	414	20000	43	36
Q7 - General Cargo	10.5	414	20000	31	30
Q8 - General Cargo	11.0		60000	29	37
Q9 - General Cargo	11.0		60000	25	31
Q10 - Fert. Raw Materials/Phos.Acid	11.5	278	60000	45	44
BTP - Passenger & Cargo/Liquid Bulk	10.0	270	35000	100	45
NCB - General Cargo/Liquid Amonia	9.1	209	35000	100	41
SCB - General Cargo/Liquid Amonia	9.1	192	15000	2	1
COT - POL /Crude	12.5	430	115000	92	53
NTB - POL Products	9.1	298	30000	45	41
STB - POL Products	9.1	266	20000	1	4
SPM - Crude Oil	22.5	NA	300000	49	38
V2 Container	14.5	600	100000	60	68
V3 Container	14.5		100000	68	68
LNG	12.5	376.5	100000	6	5
UTL	5.3	300	-	100	100
V.O.CHIDAMBARANAR					
Alongside Berths					
Berth No.1 - General Cargo	9.3	210	45269	50	33
Berth No.2 - General Cargo	9.3	210	57809	49	36
Berth No.3- Bulk Cargo	11.5	210	58642	43	58
Berth No.4 - Bulk & Ph.Acid	11.5	210	70101	51	55
Berth No.5 - Passenger & GC	8.6	183	57196	45	53
Berth No. 6 - General Cargo	9.3	200	56842	46	49
Berth No.7- Genral Cargo	11.7	370	28966	37	46
Container Terminal					
Berth No.8 - Container	14.2	345	60429	79	61
Berth No.9 - Container	14.2	335	82962	58	45
Shallow Drought Berth					
Berth No.1 - General Cargo SBW I	5.9	140	5400	-	-
Oil Jetty					
NCB I	14	306	57305	45	46
NCB II	14	306	-	-	-
Oil Jetty- POL, Ammonia	13	150	73711	32	-
Coal Jetties					
Coal Jetty No.1 -Thermal Coal*	13	301	57196	27	5
Coal Jetty No.2- Thermal Coal	14	318	73879	67	61
EARM General Cargo	7.4	140	6298	-	-
Zone- B Jetty	-	-	-	-	-
Coastal Birth CBW	9	185	-	33	44
CHENNAI					
Dr. Ambedkar Dock					
1. North Quay - Passenger/ G.C./LB	8.5	198	...	65	42
2. West Quay I - G.C./Other Liquid Cargo	11.0	170.6	...	39	39
3. West Quay II - General Cargo/RO-RO/LB	12.0	170.6	...	24	26
4. Centre Quay - General Cargo/Food Grains	12.0	170.6	...	34	20
5. West Quay III - General Cargo/Food Grains	12.0	170.6	...	52	36

Note: * denotes Coal jetty I berth operated on 12.08.2019

Table 1.4 Contd...

Berths Available at Major Ports

(As on 31.3.2021)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2019-20	2020-21
1	2	3	4	5	6
6. West Quay 4 - Fert./General Cargo/Passenger	11.0	170.6	...	43	39
7. South Quay 1 - Fert./General Cargo/Dry Bulk	9.5	246.0	...	83	63
8. South Quay 2 - Fert./General Cargo/Dry Bulk/LB	9.5	179.0	...	31	47
Jawahar Docks					
11. J.D.1 - Dry Bulk/General	11.5	218.3	...	51	32
12 J.D.2 - Dry Bulk/General	12.0	218.3	...	48	50
13. J.D.3 - Dry Bulk/General	12.0	218.3	...	48	31
14. J.D.4 -Dry Bulk/Liquid/General	13.5	218.3	...	43	43
15. J.D.5 -Dry Bulk/Liquid/General	13.5	218.3	...	51	32
16. J.D.6 - Dry Bulk/Liquid/General	11.0	218.3	...	64	32
Bharathi Docks					
17. B.D.1 - POL	14.6	355.7	...	75	51
18. B.D.2 -POL/Other Liquid	16.5	382.0	...	60	41
19. B.D.3 - POL	16.5	325.1	...	61	50
Container Terminal					
20. CT-1 - Containers	13.4	200.0	...	18	34
21. CT-2 - Containers	13.4	200.0	...	33	39
22. CT-3 - Containers	13.4	200.0	...	31	35
23. CT-4 - Containers	15.0	285.0	...	31	37
International Terminal					
24. SCB-I - Containers 5A	15.0	275.0		15	19
25. SCB-II - Containers 4A	15.0	270.0		44	50
26.SCB-III-Containers 3A	15.0	287.0		29	32
Coastal berth					
Coastal berth I	10.9	130.0		-	11
Coastal berth I	8.3	130		-	5
KAMARAJAR					
	14.5	280	77000	89	77
Coal Berth - 1	14.5	280	77000	84	43
Coal Berth - 2	16.0	347.5	150000	46	50
Common user Coat Terminal	13.5	360	150000	85	82
Marine Liquid Terminal-1-POL/Chemicals	14.5	270	70000	26	27
Multi Cargo Terminal	15.0	400	-	11	27
Container Terminal 1 (Phase I)	10.0	278	-	21	20
Genral Cargo Terminal	13.5	347.5		-	-
Iron Ore Terminal	-	-	-	-	-
Adani Ennor Container Pvt Ltd.	-	-	-	-	-
Chettinad International Bulk Terminal Pvt Ltd.	13.5	362.0	-	4.0	3.0
LNG Terminal					
VISAKHAPATNAM					
Inner Harbour					
Multipurpose Berths					
	16.1	280	...	28	3
East Quay - I	16.1	560.0	...	0	0
East Quay - 2@			...	43	82
East Quay - 3@			...	53	89
East Quay - 4@			...	0	0
East Quay - 5@	12.1	182	...	72	80
East Quay - 6	16.1	255	...	79	82
East Quay - 7	16.1	255	...	56	59
East Quay - 8	16.1	255	...	65	61
East Quay - 9	11.0	180		12	7
East Quay -10	14.1	212	...	55	63
West Quay - 1	14.1	226	...	63	85
West Quay - 2	14.1	201.1	...	53	73
West Quay - 3	12.1	243	...	44	55
West Quay - 4	12.1	241.7	...	39	44
West Quay - 5	15.5	255	...	0	65
RE WQ-I -POL and small Jatties	16.1	280	...	52	63
West Quay -7	16.1	280	...	38	51
West Quay -8					
Captive Berths					
OR - 1	De commissioned w.e.f 21.02.2022		...	84	57

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

Note: The permissible drafts at different berths are subject to availability of tide.

Table 1.4 Contd...

Berths Available at Major Ports

(As on 31.3.2021)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2019-20	2020-21
1	2	3	4	6	6
OR2	9.8	183		79	70
OR3	12.1	180		-	36
Outer Harbour					
1. VGCB - General cum Bulk Cargo@-Multipurpose	20	356	...	77	59
Captive Berths					
OB -Iron Ore/Coking Coal/Steam coal	18.2	300	...	83	86
OB -2 Iron Ore/Coking Coal/Steam coal	18.2	300			
OSTT - Crude Oil *	19.0	408	...	23	29
LPG -POL/LPG	16.0	370.9	...	72	51
VCTPL- Containers	16.5	451		71	74
SPM-CRUDE OIL	-			-	-
FB	10.7	173.1	-	35	37
REWQ I	11.0	170.0	-	-	-
Green Channnel Berth	10.0	185.0		-	-
PARADIP					
Iron Ore Berth-Iron Ore	13.0	210 dolphin to Dolphin 320	70,000	92	90
East Quay - I -General			60000	92	55
East Quay - II-General	Under construction	685	60000	0	78
East Quay - III-General			70000	94	91
South Quay-General	12.5	270	60000	94	91
Central Quay - I-General	14.5	750	95000	94	94
Central Quay - II-General	14.5		95000	93	93
Central Quay - III-General	14.5		95000	80	60
Fertiliser Berth - I	14.5	250	95000	47	54
Fertiliser Berth - II	14.5	230	95000	67	66
Multipurpose Berth-General (MPB)	14.5	250	95000	85	94
Coal Berth - I	14.5	260	80000	74	66
Coal Berth - II	14.5	260	80000	74	68
North Oil Jetty	13.5	360	80000	50	52
SPM -I	21.0	370	32000	68	68
SPM -II	23.0				
SPM -III	23.0				
South Oil Jetty	14.5	270	-	61	51
RO-RO Jetty- P. Cargo	5.5	50	10000	-	-
North Quay-I	5.0	-	-	-	-
North Quay-II	7.5	130	-	-	-
PICT	14.5	450		23	84
NIOB	14.5	370	-	-	75
Mooring berth (off FB-1)	7.5	130			
KOLKATA DOCK SYSTEM					
Kidderpore Dock (KPD)					
1 KPD- General	7.7	133	Around 25000 depending on parcel load +	59	59
3 KPD -General	8.0	128		51	33
4 KPD-General	8.1	136		59	48
5/7 KPD- General	8.7	229	-do-	96	42
6 KPD-General	8.0	118	-do-	48	56
8 KPD- General	8.4	128	-do-	99	88
9 KPD- General	8.9	108	-do-	41	59
10 KPD- General	8.8	161	-do-	93	22
11 KPD (Passenger & Coastal)	8.5	151	-do-	18	95
12 KPD(Passenger & Coastal)	8.4	143	-do-	62	61
22 KPD-General	7.2	151	-do-	79	100
23 KPD-General	8.7	147	-do-	82	24
24 KPD-General	7.8	152	-do-	95	44
25 KPD-General	8.4	169	-do-	61	22
26 KPD-General	8.0	185	-do-	48	13
27 KPD-General	7.2	195	-do-	100	71
28 KPD-General	8.4	195	-do-	100	82
29 KPD-General	8.0	185	-do-	84	2

Note: KPD berth are governed by Turning Basin Draft which is 2 mtrs. At present. Normally KDS dock drafts are governed by river drafts available.

Table 1.4 Contd...

Berths Available at Major Ports

(As on 31-03-2021)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2019-20	2020-21
1	2	3	4	5	6
Netaji Subhash Dock (NSD)					
1 NSD-General/Heavy Cargo	7.1	200	-do-	62	28
2 NSD-General Cargo	7.0	187	-do-	70	59
3 NSD-General Cargo	8.4	183	-do-	94	74
4 NSD-Container	7.8	181	Around 21000	97	67
5 NSD-Container	7.6	182	-do-	94	79
7 NSD-Container	7.3	192	-do-	74	96
8 NSD-Container	7.3	225	Around 25000	83	82
12 NSD-Liquid Cargo	6.2	152	depending on parcel load	59	61
13 NSD-General Cargo	7.5	174		60	56
14 NSD-General Cargo	7.3	174	-do-	96	59
Budge Budge Jetties					
1 BB-Liquid Cargo	13.0	189	Around 38000*	27	21
2 BB-Liquid Cargo	12.2	95	-do-	17	1
3 BB-Liquid Cargo	12.0	146	-do-	6	3
5 BB-Liquid Cargo	11.8	189	-do-	36	27
7 BB-Liquid Cargo	9.8	140	-do-	38	2
8 BB-Liquid Cargo	8.5	177	-do-	41	16
HALDIA DOCK COMPLEX					
HOJ-I - POL, Amonia & Chemical	12.2	236	90000	81	76
HOJ-II - POL	12.2	277	150000	77	76
HOJ-III- POL Crude	12.5	275	150000	61	59
Berth No.2 - Multipurpose Berth handling Dry Bulk	10.0	238	75000	85	89
Berth No. -3- Multipurpose Berth handling POL, Iron Ore & other bulk	12.2	239	75000	73	65
Berth No.- 4 -Thermal Coal (Mechanised)	12.2	239	75000	60	44
Berth No.- 4 A- Coking Coal (Mechanised)	12.2	230	75000	76	68
Berth No. - 4 B - Multipurpose-Dry Bulk & Break Bulk	12.2	180	75000	84	85
Berth No. 5 - Coking Coal & FRM (Dry)-Mechanised	12.2	183	75000	51	51
Berth No. 6 - Multipurpose-Dry Bulk, Break Bulk & Liquid Bull	12.2	212	75000	80	72
Berth No. 7 - Multipurpose-Dry Bulk, Break Bulk & Liquid Bull	12.2	212	75000	4	64
Berth No. 8 - Multipurpose-Dry Bulk, Break Bulk & Liquid Bull	12.2	220	75000	82	82
Berth No. 9 - Multipurpose-Dry Bulk, Break Bulk & Container	12.2	210	75000	87	98
Berth No. 10 - Multipurpose-Dry Bulk, Break Bulk & Containe	12.2	210	75000	40	38
Berth No. 11 - Multipurpose-Dry Bulk, Break Bulk & Containe	12.2	210	75000	49	62
Berth No. 12 - Multipurpose-Dry Bulk & Break Bulk	12.2	210	75000	66	73
Berth No. 13 - Multipurpose-Dry Bulk & Break Bulk	10.0	210	75000	76	85
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

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 31.3.2021)

Port/Type	Dry Storage Accomodation		Liquid Storage Tanks			
	No.	Area(Sq.mts)/ Capacity	No	Location	Capacity	Type of Cargo
1	2	3	4	5	6	7
1.DEENDAYAL						
(a) Dry Cargo Storage accommodation						
Covered area						
i) Transit Sheds				PSU-79	973000 KLS	All kind liquid cargoes
ii) Ware-Houses/Godowns	31	186000/ (600000)		Private Installation-672	1592000 KLS	
Open Sores space		1567000/ (5124000)		Private Installation- under	900000 KLS (Approx)	
Open Area**						
With in Customs Bonded Area		103000/ (226000)				
Pucca Plots						
Other (Private/Users agencies)						
Godowns by CWC						
2. MUMBAI						
(A) Port Owned						
(a) Covered area						
i) Transit Sheds	19	96606	As infromed 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)Other (Area Allotted)						
(a) Covered area						
i) Transit Sheds						
ii) Ware-Houses						
iii) Ware house						
b) open						
C)						
Container	5	4903 TEUs				
3. MORMUGAO						
(a) Covered area						
			4	Port Area	11840 KL	PFAD / caustic soda
i) Transit Sheds/Overflow sheds.	4	22065				
ii) Ware-Houses	2	3301	1	Port Area	5000 KL	Ammonia
iii)Container Freight Station	4	14480	5	Vasco City	34660 KL	POL Products
Open	5	199667	3	Vasco City	22500 KL	Phosphoric Acid
			7	Port Area	10960	Other Liquid Products
b) Other (Private/ Users) Area			4	Port Area	92000	Other Liquid Products
Ware house	4	14480				
Open	2	41000				
	1	35641				
(c) Container Yards	2	34289				
Inside	1	14823				
Outside	1	19466				
(d) Reefer Points(No)	84	-				

Table 1.5 Contd.

Storage Facilities Available at Major Ports

(As on 31.3.2021)

Port/Type	Dry Storage Accomodation		Liquid Storage Tanks			
	No.	Area(Sq.mts)/ Capacity	No	Location	Area(Sq.mts)/ Capacity	Type of Cargo
1	2	3	4	5	6	7
4. NEW MANGALORE						
i) Transit/Overflow Sheds B.N.O	7	14852 Sq.mts 37130MT	62	Wharf Area	239764 269345KL	Petroleum product/ Chemical/Molasses/ Edible Oil
ii) Covered Ware-Houses	6	22458 Sq.mts 61144MT				
iii) Open Stack Yard (CWC)	8	170149 Sq. mts	33	Wharf Area	86842 182688 KL	Liquid Amonia/Phosphoric Acid/ Edible Oil
iv) Other Gowdowns	5	22706Sq.mts 66765MT	4	Wharf Area	23167	Ammonia/Edible Oil. Cement Silos(3)
v) Container	3	80000 MT			30000 KL	
5. J. L. NEHRU						
i) CFS- JNP			159	Outside	770403 KL	POL,chemicals, Edible Oils,etc.
ii) CFS-Private			17	IOT-Near jasai	255003KL	POL
iii) Open Area-Inside Port			2	Uran	29280 KL	LPG
			8	ONGC	480000 KL	Crude Oil
Container Yards						
	1	3043693				
	34	3667215				
6. COCHIN						
(a) Covered area						
i) Transit Sheds	7	24914	10	W/Island	594491	POL & Chemical
ii) Ware-Houses	5 (77)	14755 (34093)				
iii)Container Freight Station	1	10000				
(b) Open Area						
i) Open Space	1 (30)	104255 (41521)				
ii) CFS Yard	-	-				
(c) Container Yards	1	15000 (462 TEUs)				
Reefer Point inside	64		3	outside port	78800	
			1	inside port	20000 TEUs	
			64	inside port		
7. V.O. CHIDAMBARANAR						
(a) Covered area						
i) Transit Sheds	2	10800		outside port	152948 KL	Phosphoric acid, ammonia, diesel & naptha
ii) Ware - Houses	5	22742				
iii) Other covered area						
vi) Private Warehouses						
(b) Open Area	3	680925				
i) General cargo						
ii) Container						
iii)Ware house						
vi)Reefer						
C) Other (Private/ Users agencies)						
i) Ware house	6	99545				
ii) Container Freight Station Open	1	125736				
8. CHENNAI						
A. Port Owned						
(a) Covered area						
i) Transit / Overflow Sheds	4	10160	38	Area-I	205123.74 KL	Edible Oil, CBFS, Fuel Oil.
ii) Ware-Houses	12	48275				
iii) exim Gdown	2	9256	46	Area-IV	141216 KL	Phosphoric Acid, Edible Oil
(b) Open Area		1341375				

Table 1.5 Contd.						
Storage Facilities Available at Major Ports (As on 31.3.2021)						
Port/Type	Dry Storage Accommodation		Liquid Storage Tanks			
	No.	Capacity	No.	Location	Capacity	Type of Cargo
	2	3	4	5	6	7
			Area-IV inside port		346339KL	Liquid cargo
B. Area Allotted & Vaccant						
(a) Covered area						
i) Transit shed		7834				
ii) Ware house		34534				
iii) Vacant area		25323				
(b) Open Area						
i) Alloted area inside Port		291344				
ii) Vacant area inside Port		264742				
ii) Other open area inside Port		787512				
C. Container						
Covered area						
9. VISAKHAPATNAM						
A. Port Owned						
(a) Covered area						
i) Transit Sheds/overflow shede	-	8850	-	-	347246KL 1893223	Crude LPG POL Chemicals
ii) Ware-house/Storage sheds	-	39325	-			
ii) Ware- Houses						
(b) Open Area	...	1243980	-			
i) Bulk cargo	...	...	-			
Containers						
Outside						
Private & User Agencies						
i) Transit Sheds/overflow shede	...	11355				
		639674Tonnes				
ii) Ware-house/Storage sheds	...	87740Tonnes				
iii) Sylos	...	80500				
Container	...	99320				
10. PARADIP						
A) Port owned						
a) Covered area	1	1400	16	Outside Port	155000	FRM
i) Transit Sheds/Over flow sheds	2	7800	12	Outside Port	199400	FRM
ii) Ware - Houses			20	Outside Port	1200000	Crude Oil
iii) Container Freight Station open		2041100	69	Outside Port	909581	POL
(b) Open Area (Inside port)			6	Outside Port	24000	Edible Oil
Outside port						
B) Other (Private/ users agencies)						
a) Covered area						
i) Transit Sheds/Over flow sheds						
ii) Ware - Houses		21000				
iii) Container Freight Station						
(b) Open Area		229125				
Container yard		48535				
Container						
11. KOLKATA DOCK SYSTEM						
A. Port Owned (inside port)						
(a) Covered area						
i) Transit Sheds		134722		554662 KL		Vegitable Oil
ii) Ware-Houses		10794				POL
iii) Container		169303				POL
iv) Container Freight Station		9000				Chemicals
(b) Open Area		249000				
B. Others (outside port)						
a) Covered area						
i) Container Freight Station						
ii) Container yard						
12. HALDIA DOCK COMPLEX						
(a) Covered area			HDC does not have liquid storage facilities			
i) Transit/Overflow Sheds	4	18500 @				
(b) Open Area	17	990790 \$				
(c) Container	1	5000				
13. KAMARAJAR						
(A) Port Owened						
a) Covered Area						
b) Open Area	1	210500				
(B) Other (Private / users agencies)						
a) Covered						
i) Transit sheds						
ii) Ware house	2	16800	66	Inside Port	254478 KL+ 360000 cbm	POL/Chemical
b) Open Area	2	1014964				
	1	110200				
Container (Out side port)						
(Inside port)	1	186000				
* Exim Godown (2 nos) 30*150m each 4500*4500=9000 Sq.						
* E2 Openspace paved area 5810 Sq. mts. E3 Open space paved area 3813 Sq.mts=9623Sq mts.						
** Area includes CONCOR - 13750 Sq. mts., CCTPL- 250700 Sq. mts, Naval Gun Point -300 Sq. mts., CITPL- 276165 Sq. mts.						
@ Includes Transit sheds area leased to the Port users inside the dock.						
\$ Includes handstand and bare land area use for cargo storage & excluded storage are leased out to other port users and BoT operators inside DIZ.						
Source -Major Ports						

Table 1.6

Commodity-Wise Capacity Available at Major Ports

(In Million Tonnes)

Commodities	SMP (KDS)	SMP(HDC)	PPT	VPT	KPL	ChPT	V.O.C.	CoPT	NMPT	MoPT	MbPT	DPT	JNPT	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL														
As on 31.3.17	9.10	18.00	54.50	27.49	4.00	17.67	3.15	30.26	49.17	1.50	44.50	89.02	6.50	354.86
As on 31.3.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-
As on 31.3.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-
As on 31.3.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
As on 31.3.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron Ore														
As on 31.3.17	-	6.00	6.39	12.50	6.00	8.00	-	-	7.50	27.50	-	-	-	73.89
As on 31.3.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-
As on 31.3.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-
As on 31.3.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
As on 31.3.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Coal														
As on 31.3.17	-	10.00	32.00	-	32.00	-	26.82	-	7.67	8.94	-	-	-	117.43
As on 31.3.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-
As on 31.3.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-
As on 31.3.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
As on 31.3.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fertiliser														
As on 31.3.17	-	-	8.00	1.87	-	-	-	1.13	-	-	-	2.00	-	13.00
As on 31.3.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-
As on 31.3.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-
As on 31.3.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
As on 31.3.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Break-Bulk Cargo														
As on 31.3.17	7.25	31.89	42.55	62.69	5.00	22.92	28.70	12.68	23.29	12.10	20.83	52.04	0.90	322.84
As on 31.3.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-
As on 31.3.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-
As on 31.3.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
As on 31.3.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Container														
As on 31.3.17	9.86	4.00	-	6.20	10.00	44.85	7.23	12.50	-	-	0.00	7.20	81.97	183.81
As on 31.3.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-
As on 31.3.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-
As on 31.3.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
As on 31.3.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL														
As on 31.3.17*	26.21	69.89	143.44	110.75	57.00	93.44	65.90	56.57	87.63	50.04	65.33	150.26	89.37	1065.83
As on 31.3.18	31.57	51.00	239.00	131.09	84.00	134.00	94.83	74.50	98.00	63.00	79.00	253.20	118.00	1451.19
As on 31.3.19	31.57	51.00	239.00	131.09	91.00	134.00	111.46	78.60	98.00	63.40	79.00	267.10	138.87	1514.09
As on 31.3.20	31.57	51.00	249.00	134.18	91.00	135.00	111.46	78.60	104.73	63.40	79.00	267.10	138.87	1534.91
As on 31.3.21	31.57	51.00	249.00	134.18	91.00	135.00	111.46	78.60	104.73	63.40	79.00	267.10	138.87	1534.91

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

* Port capacity re-rated by Ministry based on Berthing Policy as per International norms. Major Ports re-rated capacity during 2016-17 was 1359 MTPA (Kolkata-27, Haldia- 51, Paradip-234, Vizag-121, Kamarajar-66, Chennai-134, V.O.Chidambaram-79, Cochin-74, New Mangalore-98, Mormugao-63, Mumbai-78, JNPT-88 and Deendayal -246.)

Source : Ministry of Ports, Shipping and Waterways.

Table 1.7

Number of Berths Available at Major Ports

Commodities	P O R T S														Total
	KDS	HDC	PPT	VPT	KPL	ChPT	V.O.C.	CoPT	NMPT	MoPT	MbPT	DPT	JNPT		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
POL	31.3.17	7+A	3+2BJ	2+3SBM	5+1 SBM	1	2	1	4+1SBM+1LNG	5+1SBM	2	6	8+3SBM+A	3	46+9SBM+2BJ
	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
IRON ORE	31.3.17	-	2	1	1	1	1	-	-	1	1+3TRANS	-	-	-	8+3TRANS
	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
COAL	31.3.17	-	2	2	-	3	-	3	-	1	1	-	-	-	12
	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
FERTILISER	31.3.17	-	-	2	1	-	-	-	1	-	-	-	1	-	5
	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
BREAK BULK	31.3.17	22	8	9	16	2	14	9	12	9	4	27	14	1	147
	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
CONTAINER	31.3.17	4	2	-	1	1	7	2	2	-	-	-	2	9	30
	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
TOTAL	31.3.17	33	17+2BJ	16+3SBM,	24+1SBM	8	24	15	19+1SBM	16+1SBM	7+3TRANS	33	25+3SBM+A	12	249+9SBM+3TRANS+2BJ
	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

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 & 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 31.3.2021)

(In Nos.)

Port	Crane				Fork Lift Truck	Tractor	Trailer	Shovel Dozer & Pay Loader	Locomotive
	Mobile	Wharf	Container						
			Quay	Yard					
1	2	3	4	5	6	7	8	9	10
SMP (Kolkata Dock Syster	7	1	-	4RGTs	15 \$	8	-	-	-
SMP (Haldia Dock Comple	2	-	-	1	7	1	5	12	11
Paradip	7^	2	-	-	-	-	-	-	7 ^^
Visakhapatnam	2	18	-	-	-	-	-	6	18
Chennai	-	-	14*	40*	8**		98*	-	7
V.O.Chidambaranar	3***	5	6*	17*	3	-	30	-	1
Cochin	1Port+2*	-	4*	15*	21Port+9*	-	30*	-	-
New Mangalore\$\$	-	2	-	-	7\$\$	-	-	-	-
Mormugao	1+3*	-	-	-	10	-	-	-	2
Mumbai ##	5	11	-	-	34 @	5	-	-	4
J. L. Nehru	-	-	9+34*	27+117*	3+22*		90+342*	-	-
Deendayal (Kandla)	-	16	-	-	9	3	1	2	-
All Ports	33	55	67	221	148		574	20	50

(*)Under BOT Operators. (**) In addition, 1 Empty Container Handler (*** under PPP (\$) 15 FLT's

In addition, Floating Crane-1.

^: 7 cranes Harbour cranes are provided by Pvt. Operator.

^^ Besides the above 7 nos. Of locomotives,another 2 nos.of locomotives are hired from RITES.

\$\$ - 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).

@ Included of 10 electric forklifts trucks for departmental use.

Source:-Indian Ports Association.

Table 1.9

Container Handling Facilities Available at Major Ports

(As on 31.3.2021)

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	-	Nil	*Nil	Nil	Hippo 40T Nil	Nil
SMP (HALDIA DOCK COMPLEX)	2	40,000	-	1x30 T	1X35T	7	1x10T	5
VISAKHAPATNAM	1(Under BOT Operator)	1,00,000	RMQC-2Nos. 2x35.6T (SWL)	RTGC - 2 Nos.	2x45T 2x10T	1x5T	-	16
CHENNAI - CCTL	4	50,000	7	22	1ECH/1 RS 1ECH/2RS	2	2	45
- CITPL	3	80000	7	18	Note (ECH= Empty Container Hanler, RS=Reach Stacker)	2	-	51 (on Contract)
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	2/3	4	-	30 (Leased by BOToperator)
New Mangalore	-	35,971	-	-	8 \$	-	-	-
J.N.P.T.- JNPCT (Port's own)	2 1 SB**	150000	9x50 T ***	RTGC- 12x40T R/S - 2X40T (Hired) eRTGC -15X50 T RMGC- 2x35.5T		2X3T 1X5T	7 (own)+53(Hired)	
NSICT (BOT Operator)	2	150000	7x40 T-70T	RTGC- 29x40T RMGC- 3x40T	R/S-2x45T E/H-2X8T	2X5T	78(Hired)	
GTICL (BOT Operator)	2	150000	10x61 T	RTGC- 40x50/61 RMGC- 3x61T	R/S-2X45T E/H-2X8T	4X5T	118(Hired)	
NSIGT (BOT Operator)	1	211000	4x65 T	16x40 T	R/S-1X45T	1X5T	45(Hired)	
BMCT (BOT Operator)	3	218000	12x65 T	RTGC-18x40T	R/S-2X45T E/H-1X9T	2X3T 1X5T	110 (Hired)	
DEENDAYAL	2	50000		Wharf Cranes-16	2	9	3	1

(*) 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, 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 contain

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

(***) 5 RMQC s are damaged due to heavy wind

R/S=Reach Stackers

Source: Indian Ports Association

Table 1.10

Berthing Facilities Available at Non-Major Ports

(As on 31.3.2021)

Name of the Port	Intermediate/ Minar	Max.Depth available at anchorage(mts)	Berth Type	No. of Berths by existing Draft				
				Below 2 meters	2-4 meters	4-6 meters	6 meters above	Total
1	2	3	4	5	6	7	8	9
GUJARAT (2019-20)	Minor	30.00	-	0	32	10	71	113
GUJARAT (2020-21)	Minor	30.00	-	0	32	10	71	113
(Detail 2017-18)								
Dahej								
DHIL	Minor	16.50	Bulkum Liquid Berth	-	-	-	1	1
Adani Petronet Port Private Ltd	Minor	20.00	Break bulk	-	-	-	2	2
Petronet LNG Ltd	Minor	16.00	Dolphin jetties	-	-	-	2	2
GCPTCL	Minor	14.00	single berth	-	-	-	1	1
RDMT	Minor	20.00	Liquid	-	1	-	-	1
Hazira								
Hazira Port Private Ltd	Minor	25.00	LNG	-	-	-	1	1
Adani Hazira Port Private Ltd	Minor	15.00	Container	-	-	-	2	2
Kribhco Hazira Jetty	Minor	NA	Wharf	-	-	1	-	1
Larsen & Tubro Ltd	Minor	16.00	Captive jetty	-	-	-	2	2
GPPL	Minor	26.00	Dry cargo/Container	-	-	-	5	5
Ultratech Cement Ltd	Minor	10.00	General	-	2	-	-	2
Mundra								
Mundra &SEZ(MPSEZ)	Minor	30.00	Dry liquid	-	-	1	28	29
Sikka								
	Minor	30.00	SPTL Berth	-	-	-	5	5
	Minor	30.00	SPTL (SPM)	-	-	-	5	5
	Minor	30.00	BORL(SPM)	-	-	-	1	1
	Minor	30.00	GSFC Jetty	-	-	-	1	1
	Minor	30.00	DCC Jetty	-	1	-	-	1
Jakhu								
	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 31.3.2021)

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

Table 1.10
(Contd...)

Berthing Facilities Available at Non-Major Ports

(As on 31.3.2021)

Name of the Port	Intermediate/ Minor	Max.Depth available at anchorage	Berth Type	No. of Berths by existing Draft				
				Below 2 meters	2-4 meters	4-6 meters	6 meters above	Total
1	2	3	4	5	6	7	8	9
MAHARASHTRA								
Kalyan	Minor	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 31.3.2021)

Name of the Port	Intermediate/ Minor	Max.Depth available at anchorage	Berth Type	No. of Berths by existing Draft				
				Below 2 meters	2-4 meters	4-6 meters	6 meters above	Total
1	2	3	4	5	6	7	8	9
Marve	Minor	2.00	Passenger Jetty	1	3	-	-	4
Versova	Minor	2.50	Stopping jetty	-	3	-	-	3
Bandra	Minor	2.50	Stopping jetty	-	4	-	-	4
varoda	Minor	2.00	I	1	-	-	-	1
Katale Terminal	Minor	7.00	T	-	-	-	1	1
Lavgan	Minor	8.50	T	-	-	-	1	1
Angre	Minor	13.00	T	-	-	-	1	1
JSW Jaigad	Minor	19.80	T	-	-	-	4	4
KARNATAKA								
Karwar	Intermediate	20.00	L Type Jetty	-	1	-	3	4
Honnavar	Minor	10.00	RCC piled jetty	1	1	-	-	2
Bhatkal	Minor	8.00	RCC piled jetty	-	1	-	-	1
Tadri	Minor	-	RCC piled jetty	1	-	-	-	1
Kundapur	Minor	8.00	RCC piled jetty	-	2	-	-	2
Belekeri	Minor	-	Loading Chute	1	1	-	-	2
Malpe	Minor	6.00	RCC piled jetty	-	1	-	-	1
Hangarkatta	Minor	6.00	RCC piled jetty	1	-	-	-	1
Old Mangalore	Intermediate	14.00	RCC Wharf	-	2	-	-	2
KERALA								
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
ODISHA								
1. Dhamra	Minor	20.00	Mechanical (3), Manual (1), Barge	-	1	-	4	5
2. Gopalpur	Minor	14.50	Bulk & Break Bulk	-	-	-	3	3
Lakshadweep								
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 31.3.2021)

Name of the Port	Intermediate/ Minor	Max.Depth available at anchorage	Berth Type	No. of Berths by existing Draft				
				Below 2 meters	2-4 meters	4-6 meters	6 meters above	Total
1	2	3	4	5	6	7	8	9
ANDHRA PRADESH								
Kakinada Anchorage	Intermediate	-	-	-	-	-	-	-
Kakinana Deep water (Seaports Ltd.)	Intermediate	16.00	Multipurpose	-	-	-	18	18
Rawa	Minor	-	-	-	-	-	-	-
Krishnapattinam	Minor	30.00	Fixed	-	-	-	12	12
Gangavaram	Minor	50.00	Piled Construction	-	-	-	9	9
TAMIL NADU								
Cuddalore(Chemplast jetty)	Intermediate	11m	Island type Marine Terminal	-	-	-	1	1
Nagapattinam	Anchorage	Berthig a wharf to a length of 250 meters is available	Open road stead Port.	-	-	-	-	-
Rameshwaram	Minor	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	19.00	Multipurpose	-	-	-	3	3
Thirukkadaiyur	Minor	15.00	Singal Buoy Mooring	-	-	-	1	1
Kuddankulam	Minor	11.00	Lo Lo & Ro Ro jetty	-	2	-	-	2
GOA								
1. Panaji	Minor	30.00	Anchorage	-	-	-	-	-
2. Chapora	Minor	2.40	Anchorage	-	-	-	-	-
3. Tiracol	Minor	3.70	Anchorage	-	-	-	-	-
4. Talpona	Minor	3.50	Anchorage	-	-	-	-	-
5. Betul	Minor	3.60	Anchorage	-	-	-	-	-
DIU								
Diu	Minor	18.00	Solid Wharf	1	-	-	-	1
			Pile jetty	-	1	-	-	1
Daman	Minor	9.15	1. RCC jetty at nani	-	-	1	-	1
PONDICHERRY								
Pondicherry	Minor	12.00	Multi purpose	-	1	-	-	1
Sanmar/Karaikal MTF	Minor	9.50	Multi purpose	-	-	-	1	1
Karaikal LTD	Minor	18.00	Multi purpose	-	-	-	5	5

Source : State / UT Maritime Boards

Table 1.11

Equipment Available at Various Non-Major Ports (As on 31.3.2021)

(Nos.)

State/Port/ Year	Dredgers	Cranes			Barges			Launches	Tugs	Patrol Boat	Fork Lifts
		Upto 5 tons	6-10 tons	Above 10 tons	Dumb	Self-Propelled	Water Barges				
1	2	3	4	5	6	7	8	9	10	11	12
GUJARAT											
2019-20	7	-	-	-	-	6	1	5	8	1	-
2020-21	7	-	-	-	-	5	-	3	-	-	-
MAHARASHTRA											
2019-20	1	18	2	14	4	47	-	1	7	-	-
2020-21	-	-	-	-	-	-	-	-	-	-	-
GOA											
Panaji											
2019-20	1	-	-	-	-	1	*	3	1	-	-
2020-21	1	-	-	-	-	1	*	3	1	-	-
ANDHRA PRADESH											
Kakinada Deep Water Port											
2019-20	-	-	-	12	-	-	-	-	-	-	-
2020-21	-	-	-	12	-	-	-	-	-	-	-
Krishnapatnam											
2019-20	-	-	-	26	-	-	-	4	4	-	-
2020-21	1	-	-	21	-	-	-	-	4	-	-
Gangavaram											
2019-20	-	-	-	5	-	-	-	3	3	-	-
2020-21	-	-	-	-	-	-	-	2	3	-	-
TAMIL NADU											
Nagapattinam											
2019-20	-	-	-	-	-	-	-	1	-	-	-
2020-21	-	-	-	-	-	-	-	1	-	-	-
Kanyakumari											
2019-20	1	-	-	-	-	-	-	-	3	-	-
2020-21	1	-	-	-	-	-	-	-	3	-	-
Kattupalli											
2019-20	-	-	-	21	-	-	-	-	3	-	-
2020-21	-	-	-	22	-	-	-	-	2	-	-
KERALA											
Kollam											
2019-20	-	-	-	4	-	-	-	-	1	-	-
2020-21	-	-	-	4	-	-	-	-	2	-	-
Azhikkal											
2019-20	1	-	-	3	-	-	-	-	1	-	-
2020-21	0	-	-	3	-	-	-	-	1	-	-

Table 1.11

Equipment Available at Various Non-Major Ports (As on 31.3.2021)

(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											
2019-20	-	5	-	6	-	-	-	-	-	-	-
2020-21	-	5	-	6	-	-	-	-	-	-	-
Kovalam-Vizhinjam											
2019-20	-	1	-	-	-	-	-	-	-	-	-
2020-21	-	1	-	-	-	-	-	-	1	-	-
DIU											
2019-20	-	-	-	4	-	-	-	1	-	-	-
2020-21	-	-	-	4	-	-	-	1	-	-	-
PUDUCHERRY											
Pondicherry											
2019-20	2	-	-	-	-	-	-	2	12	-	-
2020-21	2	-	-	-	-	-	-	1	-	-	-
Karaikal											
2019-20	-	-	-	-	-	-	-	-	-	-	-
2020-21	-	-	-	5	-	-	-	1	2	-	-
ODISHA											
Gopalpur											
2019-20	-	-	-	11	-	-	-	1	3	-	-
2020-21	-	-	-	13	-	-	-	-	-	-	-
Dhamra											
2019-20	-	-	-	5	-	-	-	1	4	-	-
2020-21	-	-	-	3	-	-	-	2	5	-	-
Karnataka											
Karwar											
2019-20	-	-	-	-	-	-	-	-	-	-	-
2020-21	-	-	-	-	-	-	-	-	2	-	-
Old Mangalore											
2019-20	-	-	-	-	-	-	-	-	-	-	-
2020-21	-	-	4	-	-	-	-	-	-	-	-
A & N ISLANDS											
2019-20	-	-	5	27	1	-	-	-	1	-	-
2020-21	-	-	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 31.3.2021)**

(Number)

Maritime States/Uts	General Light house	Light buoy	Wreck marking buoys	VHF/HF RT set.	Racons	Light Vessel	Launches	Light House Tender	DGPS	DGNSS	VTs	NAIS
1	2	3	4	5	6	7	8	9	10	11	12	13
Gujarat	46	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	15	-	1	2	5	-	-	1	-	1	-	9
Tamil Nadu	23	-	-	11	9	-	-	-	3	1	-	12
Puducherry	2	-	-	1	1	-	-	-	-	1	-	1
Andhra Pradesh	19	-	-	5	5	-	-	-	1	2		13
Orissa	6	-	-	4	2	-	-	-	-	1		8
West Bengal	3	-	-	3	1	-	-	-	-	1		1
Andaman & Nicobar Islands	36	-	-	1	5	-	-	1	2	1		7
Lakshadweep	16	-	-	2	5	-	-	-	-	1		5
Total	197	21	10	58	64	1	0	3	6	17	1	87

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 -2020-21**

(In '000 Tonnes)

Port	Overseas				Coastal				Overseas & Coastal			
	Un-Loaded	Loaded	Transh- ipment	Total	Un-Loaded	Loaded	Transh- ipment	Total	Un-Loaded	Loaded	Transh- ipment	Total
1	2	3	4	5	6	7	8	9	10	11	12	13
Deendayal	75607	1087	25721	102414	5586	9566	0	15152	81192	10653	25721	117566
Mumbai	24674	2870	2038	29582	9066	6037	8638	23742	33740	8907	10676	53324
J.L. Nehru	32017	27084	1003	60104	2519	1744	442	4705	34536	28829	1445	64809
Mormugao	11138	9440	0	20578	1388	22	0	1410	12526	9462	0	21988
New Mangalore	20383	5448	0	25830	7507	3163	0	10670	27890	8610	0	36500
Cochin	16902	2903	599	20403	6930	3497.4	673	11100	23832	6400	1272	31503
V.O. Chidambaranar	14128	6933	75	21136	8396	2258	0	10654	22524	9191	75	31790
Chennai	23568	14396	0	37964	4092	1497	0	5589	27660	15893	0	43553
Kamarajar	11428	2793	482	14703	11186	0	0	11186	22614	2793	482	25889
Visakhapatnam	34866	17607	514	52987	3871	12470	515	16856	38737	30077	1029	69843
Paradip	55939	27976	0	83915	1614	29020	0	30634	57553	56996	0	114549
SMP (Haldia Dock Complex)	32264	8132	0	40396	3317	1755	0	5072	35581	9887	0	45468
SMP (Kolkata Dock System)	6229	6043	3050	15322	302	121	155	578	6531	6164	3205	15900
All Ports	359142	132711	33482	525335	65774	71151	10422	147347	424916	203862	43904	672682

Source : Major Ports

Table 2.1.2**Traffic Handled At Major Ports by Selected Commodities -2020-21**

('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	52866	375	4918	156	1231	19592	8279	515	30149	117566
Mumbai	33226	7175	325	37	0	4513	255	25	7793	53324
J.L.Nehru	2550	0	0	0	0	0	57746	4677	4514	64809
Mormugao	410	7010	163	0	0	9149	307	22	4949	21988
New Mangalore	19109	4729	779	73	0	94	2291	150	9425	36500
Cochin	18553	0	0	256	0	0	9550	690	3145	31503
V.O.Chidambaranar	396	0	840	504	0	6675	15023	762	8352	31790
Chennai	10230	0	135	202	0	0	26768	1387	6218	43553
Kamarajar	2420	0	0	0	20	15189	3871	198	4389	25889
Visakhapatnam	13675	12643	1957	1076	98	6118	8178	481	26098	69843
Paradip	33118	28451	480	4922	0	33354	279	16	13945	114549
Haldia Dock Complex	4205	3947	213	340	0	8109	2927	149	25727	45468
Kolkata Dock System	306	0	571	0	206	134	8237	538	6446	15900
All Ports	191063	64330	10381	7566	1555	102927	143710	9610	151149	672682

*: Thermal Coal & Coking Coal

Source: Major Ports

Table 2.1.3

Traffic Handled - Port-wise and Principal Commodity-wise - 2018-19, 2019-20 & 2020-21

Commodity	('000 Tonnes) Kolkata Dock System																	
	2018-19						2019-20						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	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	180	0	180	479	121	600	90	0	90	420	58	478	67	60	127	176	3	179
Fertiliser	150	0	150	0	0	0	747	0	747	0	0	0	571	0	571	0	0	0
FRM - Dry	25	0	25	0	0	0	6	0	6	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	5	3	8	0	0	0	5	0	5	0	0	0	8	198	206	0	0	0
Iron & Steel	19	7	26	0	30	30	30	48	78	0	11	11	45	38	83	0	11	11
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	445	0	445	0	0	0	545	0	545	0	0	0	241	0	241	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	985	0	985	0	0	0	313	0	313	0	0	0	134	0	134	0	0	0
Thermal Coal	9	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cement	65	7	72	0	0	0	90	0	90	0	0	0	0	0	0	0	0	0
Iron Ore/Pellets	0	0	0	7	0	7	0	0	0	32	0	32	0	0	0	0	0	0
Other Ore	24	0	24	0	0	0	0	0	0	0	0	0	158	0	158	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
Container	5123	4740	9863	16	55	71	5086	4223	9309	244	214	458	4097	4078	8175	20	42	62
Others	4054	1908	5962	12	82	94	2712	2056	4768	264	109	373	3927	1700	5627	250	76	326
Total	11084	6665	17749	514	288	802	9624	6327	15951	960	392	1352	9248	6074	15322	446	132	578

Table 2.1.3 (Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2018-19, 2019-20 & 2020-21

Commodity	('000 Tonnes)																		Haldia Dock Complex
	2018-19						2019-20						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	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
POL Crude	25	0	25	0	0	0	49	0	49	0	0	0	91	0	91	0	0	0	
POL Products	396	457	853	3523	876	4399	713	612	1325	4050	309	4359	613	160	773	2430	911	3341	
Fertiliser	235	0	235	0	0	0	137	0	137	0	0	0	213	0	213	0	0	0	
FRM - Dry	365	0	365	0	0	0	372	0	372	0	0	0	340	0	340	0	0	0	
FRM - Liquid	461	0	461	0	0	0	0	0	0	0	0	0	588	0	588	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	316	469	785	26	0	26	107	642	749	28	8	36	43	1350	1393	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	22	22	0	0	0	
Veg. Oil	2366	0	2366	0	0	0	2286	0	2286	0	0	0	2376	0	2376	0	2	2	
Salt	0	0	0	44	0	44	0	0	0	44	0	44	0	0	0	44	0	44	
Coking Coal	8043	0	8043	590	0	590	7462	0	7462	215	2	217	7547	0	7547	40	0	40	
Thermal Coal	0	0	0	0	2531	2531	0	0	0	0	2359	2359	0	0	0	0	522	522	
Cement	237	0	237	678	0	678	206	0	206	541	0	541	128	0	128	177	0	177	
Iron Ore/Pellets	0	290	290	33	144	177	0	2938	2938	0	210	210	0	3947	3947	0	0	0	
Other Ore	1746	0	1746	58	0	58	905	0	905	0	0	0	1576	34	1610	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	1024	985	2009	738	393	1131	1055	787	1842	822	368	1190	962	1142	2104	503	320	823	
Others	16057	1441	17498	665	0	665	17764	1451	19215	234	4	238	17787	1477	19264	123	0	123	
Total	31271	3642	34913	6355	3944	10299	31056	6430	37486	5934	3260	9194	32264	8132	40396	3317	1755	5072	

Table 2.1.3 (Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2018-19, 2019-20 & 2020-21

Commodity	('000 Tonnes)																		Paradip
	2018-19						2019-20						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	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
POL Crude	31776	0	31776	51		51	30972	0	30972	50		50	27501	0	27501	51	0	51	
POL Products	22	773	795	872	4603	5475	110	525	635	733	4940	5672	132	1903	2035	1341	2190	3531	
Fertiliser	191	0	191	0	0	0	475	0	475	0	0	0	480	0	480	0	0	0	
FRM - Dry	4380	0	4380	0	0	0	4052	0	4052	20	0	20	4922	0	4922	0	0	0	
FRM - Liquid	1550	0	1550	13	42	55	1584	0	1584	0	16	16	1461	63	1524	19	0	19	
Food Grains	0	0	0			0	0	0	0			0	0	0	0	0	0	0	
Iron & Steel	55	951	1006	184	164	348	35	1041	1076	0	346	346	32	2918	2950	0	67	67	
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	39	0	39	0	0	0	40	0	40	0	0	0	57	0	57	0	0	0	
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Coking Coal	11818	0	11818		559	559	11903	17	11920	4	72	76	10266	0	10266	25	26	51	
Thermal Coal	6394	0	6394		26084	26084	5807	0	5807	0	21196	21196	3827	0	3827	0	19210	19210	
Cement	0	0	0			0	0	0	0	0		0	0	0	0	0	0	0	
Iron Ore/Pellets	111	6863	6974		5232	5232	0	15645	15645	52	7427	7479	15	22316	22331	78	6042	6120	
Other Ore	0	119	119			0	0	372	372	0	129	129	114	144	258	0	55	55	
Tea and Coffee	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	
Container	17	20	37	32	151	184	0	0	0	90	132	222	9	42	51	86	142	228	
Others	5691	270	5961	80	194	275	4343	359	4702	153	50	203	7123	590	7713	14	1288	1302	
Total	62045	8996	71041	1233	37028	38262	59321	17959	77280	1102	34308	35409	55939	27976	83915	1614	29020	30634	

Table 2.1.3 (Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2018-19, 2019-20 & 2020-21

Commodity	('000 Tonnes)																		Visakhapatnam
	2018-19						2019-20						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	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
POL Crude	9812	0	9812	390	516	906	9505	0	9505	763	0	763	8158	0	8158	931	0	931	
POL Products	411	298	709	2521	913	3434	2058	1288	3346	1802	682	2484	885	574	1459	1931	1196	3127	
Fertiliser	2126	0	2126	0	0	0	2059	0	2059	0	0	0	1957	0	1957	0	0	0	
FRM - Dry	985	0	985	0	0	0	899	0	899	0	0	0	1076	0	1076	0	0	0	
FRM - Liquid	658	0	658	0	0	0	790	0	790	0	0	0	840	0	840	0	0	0	
Food Grains	0	2	2	0	0	0	0	2	2	0	0	0	0	98	98	0	0	0	
Iron & Steel	0	258	258	1	17	18	0	126	126	0	2	2	1	1261	1262	0	1	1	
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sugar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Veg. Oil	51	8	59	0	0	0	28	0	28	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	5727	0	5727	0	0	0	7446	0	7446	0	106	106	5423	0	5423	0	0	0	
Thermal Coal	0	0	0	0	1851	1851	0	0	0	0	821	821	0	0	0	0	695	695	
Cement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16	
Iron Ore/Pellets	135	1341	1476	519	8902	9421	0	4829	4829	502	9558	10060	0	8733	8733	446	3464	3910	
Other Ore	1616	123	1739	0	0	0	1659	85	1744	0	0	0	2479	131	2610	61	0	61	
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	3252	4273	7525	289	145	434	3839	4418	8257	247	145	392	3049	4823	7872	187	119	306	
Others	15252	2143	17395	550	216	766	15495	1859	17354	261	1448	1709	11512	1987	13499	315	7494	7809	
Total	40025	8446	48471	4270	12560	16830	43778	12607	56385	3575	12762	16337	35380	17607	52987	3871	12985	16856	

Table 2.1.3 (Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2018-19, 2019-20 & 2020-21

Commodity	('000 Tonnes)																		KAMARAJAR
	2018-19						2019-20						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	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	456	0	456	2777	0	2777	296	0	296	2697	0	2697	231	0	231	2189	0	2189	
Fertiliser	220	0	220	0	0	0	99	0	99	0	0	0	0	0	0	0	0	0	
FRM - Dry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
FRM - Liquid	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Food Grains	0	0	0	0	0	0	0	0	0	0	0	0	11	9	20	0	0	0	
Iron & Steel	27	0	27	251	0	251	0	0	0	177	0	177	0	0	0	240	0	240	
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	1163	0	1163	73	0	73	991	0	991	0	0	0	859	0	859	0	0	0	
Thermal Coal	7842	0	7842	15925	0	15925	8410	0	8410	10865	0	10865	5580	0	5580	8750	0	8750	
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	795	306	1101	0	0	0	1950	574	2524	0	0	0	2268	1596	3864	7	0	7	
Others	1977	2686	4663	0	0	0	2723	2952	5675	12	0	12	2732	1417	4149	0	0	0	
Total	12480	2992	15472	19026	0	19026	14469	3526	17995	13751	0	13751	11681	3022	14703	11186	0	11186	

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

Table 2.1.3 (Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2018-19, 2019-20 & 2020-21

Commodity	('000 Tonnes)																		Chennai
	2018-19						2019-20						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	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
POL Crude	8600	0	8600	1656	0	1656	8478	0	8478	1803	0	1803	6351	0	6351	1830	0	1830	
POL Products	203	987	1190	1323	528	1851	362	1036	1398	1279	462	1741	184	581	765	805	479	1284	
Fertiliser	26	0	26	0	0	0	4	244	248	0	0	0	135	0	135	0	0	0	
FRM - Dry	225	0	225	0	0	0	187	0	187	0	0	0	202	0	202	0	0	0	
FRM - Liquid	21	0	21	0	0	0	11	0	11	0	0	0	12	0	12	0	0	0	
Food Grains	57	0	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Iron & Steel	994	526	1520	0	3	3	936	1460	2396	8	6	14	596	1303	1899	0	1	1	
Iron Scrap	34	0	34	0	0	0	9	0	9	0	0	0	9	0	9	0	0	0	
Sugar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Veg. Oil	1421	0	1421	0	0	0	1212	0	1212	0	0	0	910	0	910	0	0	0	
Salt	0	0	0	35	9	44	0	0	0	33	0	33	0	0	0	53	0	53	
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	68	68	0	16	16	0	8	8	0	16	16	0	0	0	0	16	16	
Iron Ore/Pellets	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other Ore	0	859	859	0	0	0	0	602	602	0	0	0	0	430	430	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	17324	13021	30345	451	467	918	14353	11351	25704	502	504	1006	13023	11604	24627	1141	1000	2141	
Others	3035	709	3744	274	140	414	1003	528	1531	261	100	361	2146	478	2624	263	1	264	
Total	31940	16170	48110	3739	1163	4902	26555	15229	41784	3886	1088	4974	23568	14396	37964	4092	1497	5589	

Table 2.1.3 (Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2018-19, 2019-20 & 2020-21

('000 Tonnes)

V.O. CHIDAMBARANAR

Commodity	2018-19						2019-20						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	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	392	0	392	64	3	67	319	0	319	63	4	67	341	0	341	51	4	55
Fertiliser	291	0	291	4	0	4	296	0	296	0	0	0	840	0	840	0	0	0
FRM - Dry	490	0	490	0	0	0	599	0	599	0	0	0	504	0	504	0	0	0
FRM - Liquid	239	0	239	0	0	0	297	0	297	0	0	0	135	0	135	0	0	0
Food Grains	0	0	0	0	0	0	70	0	70	0	0	0	0	0	0	0	0	0
Iron & Steel	6	8	14	11	0	11	0	5	5	9	0	9	0	2	2	2	0	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	26	26	0	0	0	0	1	1	0	0	0
Veg. Oil	378	0	378	0	0	0	392	0	392	0	0	0	276	0	276	0	0	0
Salt	0	1	1	25	0	25	0	0	0	28	0	28	0	0	0	45	0	45
Coking Coal	0	0	0	0	0	0	61	0	61	0	0	0	0	0	0	0	0	0
Thermal Coal	2125	0	2125	6473	0	6473	2293	0	2293	4958	0	4958	441	0	441	6234	0	6234
Cement	0	105	105	0	0	0	0	92	92	0	2	2	0	66	66	0	1	1
Iron Ore/Pellets	215	0	215	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Ore	119	76	195	23	0	23	113	150	263	0	0	0	20	0	20	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	4538	6844	11382	1518	2055	3573	5789	7138	12927	1636	1873	3509	4893	5990	10883	1961	2179	4140
Others	7232	1014	8246	9	84	93	8839	893	9731.2	61	71	132	6685	942	7627	103	74	177
Total	16025	8048	24073	8127	2142	10269	19068	8304	27371	6755	1950	8705	14135	7001	21136	8396	2258	10654

Table 2.1.3 (Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2018-19, 2019-20 & 2020-21

Commodity	('000 Tonnes)																		Cochin
	2018-19						2019-20						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	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
POL Crude	14882	0	14882	1204	0	1204	16288	0	16288	567	0	567	13065	0	13065	378	0	378	
POL Products	263	821	1084	766	3404	4170	200	1112	1311.4	1050	3130	4180	175	1124	1299	1046	2765	3811	
Fertiliser	15	0	15	0	0	0	22	0	22	0	0	0	0	0	0	0	0	0	
FRM - Dry	218	0	218	0	0	0	184	0	184	0	0	0	256	0	256	0	0	0	
FRM - Liquid	390	0	390	0	0	0	401	0	401	0	0	0	441	0	441	10	0	10	
Food Grains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Iron & Steel	34	0	34	17	0	17	23	0	23	0	0	0	8	0	8	0	1	1	
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sugar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Veg. Oil	11	0	11	0	0	0	15	0	15	0	0	0	15	0	15	0	0	0	
Salt	0	0	0	110	0	110	0	0	0	96	0	96	0	0	0	70	0	70	
Coking Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Thermal Coal	43	0	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cement	0	0	0	900	0	900	0	0	0	1109	0	1109	0	0	0	1141	0	1141	
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	1923	1737	3660	3905	551	4456	1873	1694	3566.83	4332	729	5061	1979	2078	4057	4611	882	5493	
Others	672	69	741.4	22	64	86	1126	2	1127	21	65	86	1262	0	1262	11	186	197	
Total	18451.4	2627	21078.4	6924	4019	10943	20131	2808	22939	7175	3924	11099	17201	3202	20403	7267	3834	11100	

Table 2.1.3 (Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2018-19, 2019-20 & 2020-21

New Mangalore

Commodity	('000 Tonnes)																	
	2018-19						2019-20						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	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
POL Crude	14524	0	14524	2721	0	2721	10592	114	10706	3156	0	3156	11539	0	11539	2511	114	2625
POL Products	537	5062	5599	348	445	793	245	4232	4477	944	820	1764	83	2189	2272	939	1734	2673
Fertiliser	365	0	365	0	0	0	518	0	518	0	0	0	779	0	779	0	0	0
FRM - Dry	82	78	160	0	0	0	76	47	123	0	0	0	62	11	73	0	0	0
FRM - Liquid	256	0	256	0	0	0	270	0	270	0	0	0	239	0	239	0	0	0
Food Grains	0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0
Iron & Steel	0	0	0	167	4	171	0	4	4	246	0	246	0	2	2	276	1	277
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	108	108	0	0	0
Veg. Oil	745	0	745	0	0	0	734	0	734	0	0	0	724	0	724	6	33	39
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	299	30	329	0	0	0	10	0	10	0	0	0	94	0	94	0	0	0
Thermal Coal	5061	0	5061	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cement	0	0	0	367	0	367	0	0	0	356	0	356	0	0	0	366	0	366
Iron Ore/Pellets	442	1710	2152	1905	567	2472	330	2164	2494	2222	272	2494	0	1900	1900	2345	484	2829
Other Ore	213	0	213	28	0	28	53	0	53	28	0	28	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	431	438	869	770	281	1051	564	433	997	1013	267	1280	446	432	878	1043	370	1413.01
Others	3415	1059	4474	118	39	157	7886	835	8721	16	696	711	6417	805	7222	21	428	448
Total	26370	8377	34747	6424	1337	7761	21279	7829	29108	7981	2056	10037	20383	5448	25830	7507	3163	10670

Table 2.1.3 (Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2018-19, 2019-20 & 2020-21

Commodity	('000 Tonnes)																		Mormugao
	2018-19						2019-20						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	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	0
POL Products	0	0	0	600		600	0	2	2	656		656	0	0	0	410	0	410	
Fertiliser	262	0	262	6	0	6	37	0	37	15	0	15	163	0	163	0	0	0	0
FRM - Dry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRM - Liquid	408	0	408	0	0	0	109	0	109	0	0	0	168	0	168	0	0	0	0
Foodgrain	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron & Steel	0	96	96	0	175	175	0	34	34	0	94	94	0	38	38	0	0	0	0
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veg. Oil	68	0	68	0	0	0	0	0	0	0	0	0	10	0	10	0	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	6000	0	6000	66	0	66	7842	0	7842	56	0	56	7586	0	7586	107	0	107	
Thermal Coal	1680	2528	4208	0	0	0	1550	0	1550	0	0	0	1456	0	1456	0	0	0	0
Cement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron Ore/Pellets	470	0	470	1183		1183	267	1456	1723	0		0	0	7010	7010	0	0	0	0
Other Ore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemicals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Container	202	130	332	119	16	135	210	95	305	103	10	113	145	81	226	65	16	81	
Others	1743	1295	3038	511	125	636	1466	1387	2853	560	68	628	1610	2311	3921	806	6	812	
Total	10833	4049	14882	2485	316	2801	11481	2974	14455	1390	172	1562	11138	9440	20578	1388	22	1410	

Table 2.1.3 (Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2018-19, 2019-20 & 2020-21

('000 Tonnes)

J. L. Nehru

Commodity	2018-19						2019-20						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	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
POL Crude	0	0	0	0	1389	1389	0	0	0	0	175	175	0	0	0	0	386	386
POL Products	311	482	793	1770	46	1816	567	441	1008	1562	273	1835	272	46	318	1165	681	1846
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	260	0	260	3	0	3.38	228	0	228	0	0	0	286	0	286	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	1520	0	1520	0	0	0	1586	0	1586	0	0	0	1226	0	1226	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	998	0	998	0	0	0	1018	0	1018	0	0	0	866	0	866
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	703	253	956	0	23	23	695	68	763	0	0	0	1160	162	1322	0	0	0
Container	32774	28553	61327	201	585	787	33922	25871	59794	499	647	1146	28749	27393	56142	715	888	1603
Others	815	8	823	5	5	10	880	9	889	4	3	7	809	1	810	1	2	4
Total	36383	29297	65680	2978	2048	5026	37880	26389	64268	3083	1098	4181	32502	27602	60104	2747	1958	4705

Table 2.1.3 (Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2018-19, 2019-20 & 2020-21

Commodity	('000 Tonnes)																		Mumbai
	2018-19						2019-20						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	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
POL Crude	15586	0	15586	9138	2343	11481	15581	0	15581	7493	3510	11003	14118	0	14118	333	10356	10689	
POL Products	1753	1947	3700	3925	1743	5668	1759	2318	4076	4196	2355	6551	1670	1922	3592	799	4027	4827	
Fertiliser	322	0	322	0	0	0	323	0	323	0	0	0	325	0	325	0	0	0	
FRM - Dry	108	0	108	0	0	0	91	0	91	0	0	0	37	0	37	0	0	0	
FRM - Liquid	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Food Grains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Iron & Steel	2586	259	2845	423	0	423	2111	185	2296	405	21	426	1262	528	1790	38	0	38	
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sugar	0	73	73	0	0	0	0	43	43	0	0	0	0	160	160	0	0	0	
Veg. Oil	119	0	119	0	0	0	85	0	85	0	0	0	4	0	4	0	0	0	
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Coking Coal	924	0	924	786	0	786	1699	0	1699	869	0	869	525	0	525	444	0	444	
Thermal Coal	4678	0	4678	17	0	17	3691	0	3691	0	0	0	3466	0	3466	78	0	78	
Cement	0	0	0	571	0	571	0	0	0	560	0	560	0	2	2	348	0	348	
Iron Ore/Pellets	59	0	59	7207	0	7207	520	0	520	6507	0	6507	220	0	220	6955	0	6955	
Other Ore	0	0	0	0	0	0	99	0	99	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	56	36	92	283	0	283	2	6	8	283	0	283	1	6	7	247	0	248	
Others	4875	546	5421	267	4	271	5295	486	5780	202	0	202	4972	363	5335	94	21	115	
Total	31066	2861	33927	22617	4090	26707	31257	3037	34294	20515	5886	26401	26601	2981	29582	9337	14405	23742	

Note:- Coastal cargo unloaded includes transshipment of POL crude(6987 Th. Tonnes) and products(2922 Th. Tonnes) moved through pipeline.

Table 2.1.3 (Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2018-19, 2019-20 & 2020-21

Commodity	('000 Tonnes)																		Deendayal
	2018-19						2019-20						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	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
POL Crude	39124	0	39124	3833	0	3833	40097	0	40097	4300	0	4300	34423	0	34423	4086	0	4086	
POL Products	2074	8825	10899	1098	3977	5075	1959	10382	12341	1477	3555	5032	1739	8519	10258	578	3521	4099	
Fertiliser	4215	0	4215	0	0	0	4584	0	4584	0	0	0	4918	0	4918	0	0	0	
FRM - Dry	30	0	30	0	0	0	66	0	66	0	0	0	156	0	156	0	0	0	
FRM - Liquid	1531	0	1531	0	0	0	1943	0	1943	0	0	0	1917	0	1917	0	0	0	
Food Grains	188	542	730	0	0	0	328	0	328	0	0	0	328	904	1231	0	0	0	
Iron & Steel	1011	260	1271	281	177	458	661	132	792	209	23	232	533	1057	1590	48	0	48	
Iron Scrap	504	0	504	0	0	0	303	0	303	0	0	0	176	0	176	0	0	0	
Sugar	793	782	1575	0	0	0	648	843	1491	0	0	0	1044	1355	2400	0	0	0	
Veg. Oil	4813	144	4957	0	0	0	4462	159	4621	0	0	0	4021	175	4196	0	0	0	
Salt	0	6895	6895	0	375	375	0	6153	6153	36	336	371	0	4052	4052	0	450	450	
Coking Coal	818	0	818	0	0	0	1038	0	1038	2	0	2	971	0	971	0	0	0	
Thermal Coal	16359	0	16359	0	0	0	16760	0	16760	61	0	61	18620	0	18620	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	1407	0	1407	71	0	71	269	0	269	482	0	482	226	0	226	150	0	150	
Other Ore	0	153	153	0	111	111	0	155	155	0	51	51	0	132	132	0	62	62	
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	301	1218	1519	247	2188	2435	148	888	1036	561	5370	5931	674	1639	2313	715	5251	5966	
Others	6573	4111	10685	7	366	372	8271	5596	13867	39	261	300	6949	7889	14837	8	282	289	
Total	79740	22931	102672	5536	7194	12730	81537	24308	105845	7166	9596	16762	76694	25721	102414	5586	9566	15152	

Table 2.1.3 (Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2018-19, 2019-20 & 2020-21

Commodity	('000 Tonnes)																		All Ports
	2018-19						2019-20						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	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
POL Crude	134329	0	134329	18993	4248	23241	131563	114	131677	18132	3684	21816	115246	0	115246	10506	10856	20976	
POL Products	6998	19652	26650	20066	16659	36725	8677	21948	30625	20928	16588	37516	6392	17078	23470	13860	17512	31372	
Fertiliser	8418	0	8418	10	0	10	9296	244	9540	15	0	15	10381	0	10381	0	0	0	
FRM - Dry	6908	78	6986	0	0	0	6532	47	6579	20	0	20	7555	11	7566	0	0	0	
FRM - Liquid	5774	0	5774	16	42	58	5634	0	5634	0	16	16	6087	63	6150	29	0	29	
Food Grains	250	547	797	0	1	1	403	2	405	0	1	1	347	1209	1555	0	0	0	
Iron & Steel	5048	2834	7882	1361	570	1931	3903	3676	7579	1082	511	1594	2520	8497	11017	604	82	686	
Iron Scrap	538	0	538	0	0	0	312	0	312	0	0	0	185	0	185	0	0	0	
Sugar	793	855	1648	0	0	0	648	912	1560	0	0	0	1044	1646	2691	0	0	0	
Veg. Oil	11976	152	12128	0	0	0	11386	159	11545	0	0	0	9860	175	10035	6	35	41	
Salt	0	6896	6896	214	384	598	0	6153	6153	237	336	572	0	4052	4052	212	450	662	
Coking Coal	35777	30	35807	1515	559	2074	38766	17	38783	1146	180	1326	33405	0	33405	616	26	642	
Thermal Coal	44191	2528	46719	22415	30466	52881	38511	0	38511	15884	24376	40260	33390	0	33390	15064	20427	35491	
Cement	302	180	482	3514	16	3530	296	100	396	3583	18	3601	128	68	196	2898	33	2931	
Iron Ore/Pellets	2840	10204	13044	10925	14845	25770	1386	27031	28417	9797	17467	27264	461	43906	44367	9974	9990	19964	
Other Ore	3718	1330	5048	109	111	220	2878	1364	4242	28	180	208	4347	871	5218	61	117	178	
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Chemicals	703	253	956	0	23	23	695	68	763	0	0	0	1160	162	1322	0	0	0	
Container	67760	62301	130061	8570	6888	15457	68791	57478	126269	10332	10259	20592	60295	60905	121200	11302	11208	22510	
Others	71391	17260	88651	2520	1318	3839	77758	18413	96171	2088	2875	4963	73930	19960	93890	2008	9858	11866	
Total	407713	125101	532814	90228	76129	166358	407435	137726	545161	83273	76491	159764	366733	158602	525335	66754	80594	147347	

Source: Major Ports.

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

Port	2018-19 (%)			2019-20 (%)			2020-21 (%)		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
MAJOR PORTS	12.7	4.2	10.7	11.5	3.6	9.5	10.1	3.5	8.1
Deendayal	8.1	1.6	6.7	8.1	3.0	6.9	5.4	2.4	4.7
Mumbai	19.2	1.2	17.7	23.0	6.2	21.5	22.6	12.3	21.6
J.N.P.T.	1.6	1.4	1.5	0.9	0.3	0.7	0.5	0.01	0.3
Mormugao	2.8	2.8	2.8	3.1	2.6	3.0	1.2	1.8	1.5
New Mangalore	23.1	2.9	18.2	21.6	6.2	17.4	25.8	11.5	22.8
Cochin	37.8	28.1	36.6	32.3	27.0	31.6	27.3	27.2	27.3
V.O.Chidambaranar	1.5	1.1	1.4	2.5	2.8	2.9	2.8	2.9	2.8
Chennai	9.6	1.7	7.0	10.3	0.9	6.9	16.4	7.5	13.0
Vizag	16.0	6.4	14.3	14.1	6.4	12.4	12.9	3.6	9.8
Paradip	6.4	2.4	5.9	13.6	1.9	10.9	8.1	2.8	6.4
SMP(Haldia Dock Complex)	25.6	0.5	23.0	10.3	16.7	11.4	7.8	1.2	6.5
SMP (Kolkata Dock System)	23.5	0.4	14.8	0.7	0.0	0.4	2.2	2.9	2.5
Kamarajar	7.5	70.9	19.7	3.6	0.0	2.9	3.4	0.0	2.7
NON-MAJOR PORTS	5.3	3.1	4.8	3.7	2.9	3.8	3.1	2.7	3.0
All Ports	9.1	3.6	7.8	7.7	3.2	6.6	6.6	3.2	5.6

Table 2.1.5

Container Traffic Handled at Major Ports - Type-Wise - 2018-19, 2019-20 & 2020-21

(Nos.)

Type	Deendayal			MUMBAI			JAWAHARLAL NEHRU**		
	2018-19	2019-20	2020-21	2018-19	2019-20	2020-21	2018-19	2019-20	2020-21
1	2	3	4	5	6	7	8	9	10
IMPORT	122305	221998	254879	24952	25848	23938	2562208	2505830	2304616
20'	117827	208496	231821	2602	1520	834	963442	942624	820662
40'	2239	6751	11529	11175	12164	11552	799383	781603	741977
Stuffed	12592	9651	37355	23940	25583	23579	2242319	2192714	1823790
20'	11860	8603	35991	1982	1309	625	901433	892106	687720
40'	366	524	682	10979	12137	11477	670443	650304	568035
Empty	109713	212347	217524	1012	265	359	319889	313116	480826
20'	105967	199893	195830	620	211	209	62009	50518	132942
40'	1873	6227	10847	196	27	75	128940	131299	173942
EXPORT	121408	219759	255122	209	288	42	2507250	2403239	2262994
20'	117634	206395	230594	99	174	2	899278	868361	811612
40'	1887	6682	12264	55	57	20	803986	767439	725691
Stuffed	121284	219171	249023	109	20	2	1973973	1838802	1912785
20'	117570	206229	225173	75	10	0	685223	618516	695767
40'	1857	6471	11925	17	5	1	644375	610143	608509
Empty	124	588	6099	100	268	40	533277	564437	350209
20'	64	166	5421	24	164	2	214055	249845	115845
40'	30	211	339	38	52	19	159611	157296	117182
TRANSHIP-MENT	394	5151	4503	2041	578	678	63816	122118	109221
20'	126	2311	2825	1157	284	434	13182	30854	26707
40'	134	1420	839	442	147	122	25317	45632	41257
Stuffed	136	2085	2747	2041	578	678	52581	92809	95780
20'	116	1485	2077	1157	284	434	12355	25277	23340
40'	10	300	335	442	147	122	20113	33766	36220
Empty	258	3066	166	0	0	0	11235	29309	13441
20'	10	826	748	0	0	0	827	5577	3367
40'	124	1120	504	0	0	0	5204	11866	5037
TOTAL	244107	446908	514504	27202	26714	24658	5133274	5031187	4676831
20'	235587	417202	465240	3858	1978	1270	1875902	1841839	1658981
40'	4260	14853	24632	11672	12368	11694	1628686	1594674	1508925
Stuffed	134012	230907	289125	26090	26181	24259	4268873	4124325	3832355
20'	129546	216317	263241	3214	1603	1059	1599011	1535899	1406827
40'	2233	7295	12942	11438	12289	11600	1334931	1294213	1212764
Empty	110095	216001	225379	1112	533	399	864401	906862	844476
20'	106041	200885	201999	644	375	211	276891	305940	252154
40'	2027	7558	11690	234	79	94	293755	300461	296161

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 - 2018-19, 2019-20 & 2020-21

Type	(Nos.)								
	MORMUGAO**			NEW MANGALORE**			COCHIN**		
	2018-19	2019-20	2020-21	2018-19	2019-20	2020-21	2018-19	2019-20	2020-21
1	2	3	4	5	6	7	8	9	10
IMPORT	19115	16593	11290	64892	78047	76017	281957	292632	301667
20'	10249	9717	6312	43746	51789	49827	160053	173820	174921
40'	4433	3438	2489	10573	13129	13095	60952	59406	63373
Stuffed	14929	14403	9860	50310	66003	61926	250903	259757	253897
20'	9995	9707	6232	35348	45953	41346	155987	168495	168843
40'	2467	2348	1814	7481	10025	10290	47458	45631	42527
Empty	4186	2190	1430	14582	12044	14091	31054	32875	47770
20'	254	10	80	8398	5836	8481	4066	5325	6078
40'	1966	1090	675	3092	3104	2805	13494	13775	20846
EXPORT	17960	15203	10753	66721	75304	74428	282477	291246	301269
20'	9946	8937	6253	45077	50204	49162	158277	173266	175057
40'	4007	3133	2250	10822	12550	12633	62100	58990	63106
Stuffed	8257	5831	5911	33965	31510	37229	132738	134812	146352
20'	2609	2121	2329	22761	19654	21319	37294	41724	46254
40'	2824	1855	1791	5602	5928	7955	47722	46544	50049
Empty	9703	9372	4842	32756	43794	37199	149739	156434	154917
20'	7337	6816	3924	22316	30550	27843	120983	131542	128803
40'	1183	1278	459	5220	6622	4678	14378	12446	13057
TRANSHIP-MENT	65	65	65	0	0	0	30159	36183	86761
20'	59	59	59	0	0	0	20913	20557	36829
40'	3	3	3	0	0	0	4623	7813	24966
Stuffed	65	65	65	0	0	0	22585	28384	70061
20'	59	59	59	0	0	0	15433	16942	26885
40'	3	3	3	0	0	0	3576	5721	21588
Empty	0	0	0	0	0	0	7574	7799	16700
20'	0	0	0	0	0	0	5480	3615	9944
40'	0	0	0	0	0	0	1047	2092	3378
TOTAL	37140	31861	22108	131613	153351	150445	594593	620061	689697
20'	20254	18713	12624	88823	101993	98989	339243	367643	386807
40'	8443	6574	4742	21395	25679	25728	127675	126209	151445
Stuffed	23251	20299	15836	84275	97513	99155	406226	422953	470310
20'	12663	11887	8620	58109	65607	62665	208714	227161	241982
40'	5294	4206	3608	13083	15953	18245	98756	97896	114164
Empty	13889	11562	6272	47338	55838	51290	188367	197108	219387
20'	7591	6826	4004	30714	36386	36324	130529	140482	144825
40'	3149	2368	1134	8312	9726	7483	28919	28313	37281

** includes reefers

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

Container Traffic Handled at Major Ports - Type-Wise - 2018-19, 2019-20 & 2020-21

(Nos.)

Type	V.O.CHIDAMBANAR**			CHENNAI**			VISAKHAPATNAM**		
	2018-19	2019-20	2020-21	2018-19	2019-20	2020-21	2018-19	2019-20	2020-21
1	2	3	4	5	6	7	8	9	10
IMPORT	358719	379685	365679	920969	769671	684596	220738	202016	235286
20'	108151	109881	108639	400785	339423	293864	146168	155182	158692
40'	125284	134902	128520	260092	215124	195366	37285	23417	38297
Stuffed	298667	314814	294366	876711	720655	625997	153646	152935	146946
20'	98101	99924	96852	378221	314927	268931	111372	123437	99832
40'	100283	107445	98757	249245	202864	178533	21137	14749	23557
Empty	60052	64871	71313	44258	49016	58599	67092	49081	88340
20'	10050	9957	11787	22564	24496	24933	34796	31745	58860
40'	25001	27457	29763	10847	12260	16833	16148	8668	14740
EXPORT	356401	381583	368458	698888	614300	605529	216275	194854	240191
20'	107875	111061	109512	293010	272458	254381	141701	151353	163171
40'	124263	135261	129473	202939	170921	175574	37287	21751	38510
Stuffed	289489	287635	289353	451566	409675	438874	188380	166420	209265
20'	75617	69991	62689	173602	160671	170156	137884	140776	156757
40'	106936	108822	113332	138982	124502	134359	25248	12822	26254
Empty	66912	93948	79105	247322	204625	166655	27895	28434	30926
20'	32258	41070	46823	119408	111787	84225	3817	10577	6414
40'	17327	26439	16141	63957	46419	41215	12039	8929	12256
TRANSHIP-MENT	24126	42451	28142	0	0	96801	13488	12079	5595
20'	17884	35637	24098	0	0	81409	7502	8548	2609
40'	3121	3407	2022	0	0	7696	2993	1766	1493
Stuffed	5025	18342	7845	0	0	79778	13393	12078	5449
20'	4285	14652	6277	0	0	68970	7499	8547	2599
40'	370	1845	784	0	0	5404	2947	1766	1425
Empty	19101	24109	20297	0	0	17023	95	1	146
20'	13599	20985	17821	0	0	12439	3	1	10
40'	2751	1562	1238	0	0	2292	46	0	68
TOTAL	739246	803719	762279	1619857	1383971	1386926	450501	408949	481072
20'	233910	256579	242249	693795	611881	629654	295371	315083	324472
40'	252668	273570	260015	463031	386045	378636	77565	46933	78300
Stuffed	593181	620791	591564	1328277	1130330	1144649	355419	331433	361660
20'	178003	184567	165818	551823	475598	508057	256755	272760	259188
40'	207589	218112	212873	388227	327366	318296	49332	29337	51236
Empty	146065	182928	170715	291580	253641	242277	95082	77516	119412
20'	55907	72012	76431	141972	136283	121597	38616	42323	65284
40'	45079	55458	47142	74804	58679	60340	28233	17597	27064

** includes reefers

Table 2.1.5
(Contd...)

**Container Traffic Handled at Major Ports - Type-Wise - 2018-19,
2019-20 & 2020-21**

(Nos.)

Type	PARADIP			SMP HALDIA		
	2018-19	2019-20	2020-21	2018-19	2019-20	2020-21
1	2	3	4	5	6	7
IMPORT	6322	5803	7562	82174	83623	68169
20'	6322	5803	7344	49616	48543	41377
40'	0	0	109	16279	17540	13396
Stuffed	788	3028	3023	77268	82942	64102
20'	788	3028	3015	45218	48174	37902
40'	0	0	4	16025	17384	13100
Empty	5534	2775	4539	4906	681	4067
20'	5534	2775	4329	4398	369	3475
40'	0	0	105	254	156	296
EXPORT	6187	5701	8257	95759	85700	81310
20'	6187	5701	8249	56895	51110	51616
40'	0	0	4	19432	17295	14847
Stuffed	6171	5691	8164	53450	45757	60834
20'	6171	5691	7866	40090	30601	39624
40'	0	0	149	6680	7578	10605
Empty	16	10	391	42309	39943	20476
20'	16	10	383	16805	20509	11992
40'	0	0	4	12752	9717	4242
TRANSHIP-MENT	0	0	0	0	0	0
20'	0	0	0	0	0	0
40'	0	0	0	0	0	0
Stuffed	0	0	0	0	0	0
20'	0	0	0	0	0	0
40'	0	0	0	0	0	0
Empty	0	0	0	0	0	0
20'	0	0	0	0	0	0
40'	0	0	0	0	0	0
TOTAL	12509	11504	16117	177933	169323	149479
20'	12509	11504	15593	106511	99653	92993
40'	0	0	262	35711	34835	28243
Stuffed	6959	8719	11187	130718	128699	124936
20'	6959	8719	10881	85308	78775	77526
40'	0	0	153	22705	24962	23705
Empty	5550	2785	4930	47215	40624	24543
20'	5550	2785	4712	21203	20878	15467
40'	0	0	109	13006	9873	4538

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 - 2018-19,
2019-20 & 2020-21**

(Nos.)

Type	SMP KOLKATA			KAMARAJAR		
	2018-19	2019-20	2020-21	2018-19	2019-20	2020-21
1	2	3	4	5	6	7
IMPORT	329606	340752	273407	42321	94162	103659
20'	164690	170868	135639	10761	24970	36523
40'	82458	84942	68884	15780	34596	33568
Stuffed	309570	319132	248963	42321	94030	86241
20'	156868	162694	121157	10761	24852	34967
40'	76351	78219	63903	15780	34589	25637
Empty	20036	21620	24444	0	132	17418
20'	7822	8174	14482	0	118	1556
40'	6107	6723	4981	0	7	7931
EXPORT	321943	334687	264471	14728	32232	70026
20'	160459	163673	131447	3054	7860	27134
40'	80742	85507	66512	5837	12186	21446
Stuffed	249256	228329	216067	4156	15917	60175
20'	138584	131183	115253	368	4675	18813
40'	55336	48573	50407	1894	5621	20681
Empty	72687	106358	48404	10572	16315	9851
20'	21875	32490	16194	2686	3185	8321
40'	25406	36934	16105	3943	6565	765
TRANSHIP-MENT	0	0	0	0	10590	115872
20'	0	0	0	0	3530	38624
40'	0	0	0	0	3530	38624
Stuffed	0	0	0	0	1765	19312
20'	0	0	0	0	1095	7108
40'	0	0	0	0	335	6102
Empty	0	0	0	0	0	5020
20'	0	0	0	0	0	2240
40'	0	0	0	0	0	1390
TOTAL	651549	675439	537878	57049	128159	198017
20'	325149	334541	267086	13815	33925	73005
40'	163200	170449	135396	21617	47117	62506
Stuffed	558826	547461	465030	46477	111712	165728
20'	295452	293877	236410	11129	30622	60888
40'	131687	126792	114310	17674	40545	52420
Empty	92723	127978	72848	10572	16447	32289
20'	29697	40664	30676	2686	3303	12117
40'	31513	43657	21086	3943	6572	10086

Table 2.1.5
(Contd...)

Container Traffic Handled at Major Ports - Type-Wise - 2018-19, 2019-20 & 2020-21

Type	ALL PORTS			(Nos.)
	2018-19	2019-20	2020-21	
1	2	3	4	
IMPORT	5036278	5016660	4710765	
20'	2184412	2242636	2066455	
40'	1425933	1387012	1322155	
Stuffed	4353964	4255647	3680045	
20'	1917934	1903209	1603413	
40'	1218015	1176219	1038316	
Empty	682314	761013	1030720	
20'	266478	339427	463042	
40'	207918	210793	283839	
EXPORT	4706206	4654096	4543148	
20'	1999492	2070553	2018190	
40'	1353357	1291772	1262479	
Stuffed	3512794	3389570	3634034	
20'	1437848	1431842	1562000	
40'	1037473	978864	1036017	
Empty	1193412	1264526	909114	
20'	561644	638711	456190	
40'	315884	312908	226462	
TRANSHIP-MENT	134089	220390	356098	
20'	60823	99345	184318	
40'	36633	60523	85890	
Stuffed	95826	156106	281715	
20'	40904	68341	137749	
40'	27461	43883	71983	
Empty	38263	64284	74383	
20'	19919	31004	46569	
40'	9172	16640	13907	
TOTAL	9876573	9891146	9610011	
20'	4244727	4412534	4268963	
40'	2815923	2739306	2670524	
Stuffed	7962584	7801323	7595794	
20'	3396686	3403392	3303162	
40'	2282949	2198966	2146316	
Empty	1913989	2089823	2014217	
20'	848041	1009142	965801	
40'	532974	540341	524208	

Source: Major Ports

Table 2.1.6

Overseas Cargo of Principal Commodities Unloaded by Country - 2020-21

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
POL-CRUDE														
Angola			1173			266		120				125	258	1942
Algeria								104	575			503		1181
Argentina														0
Australia												158		158
Benin			161											161
Brunei		21										392	156	569
CIS (Ex Russia)														0
Denmark														0
Egypt													3064	3064
Indonesia														0
Iran			4759	132										4891
Iraq				1047		3146		2732	2105			1998	9011	20039
Ivory Cost								809						809
Kuwait			742	62								750	3954	5509
Liberia														0
Libya								276						276
Malaysia		49	748			135		218				1029	321	2500
Mauritius			153											153
Netherland														0
Nigeria			5183	1540		906		133	261				2060	10084
Oman								1218					1014	2232
Pakistan														0
Qatar		21											742	762
Russia			140					1476					416	2032
Saudi Arabia			3409	1698				3059	4604			2271	1274	16316
Singapore			1430										215	1645
South Korea									95					95
South Africa			1048	241									2038	3327
Sudan														0
Syria														0
Tunisia														0
Turkey			277					844				187		1308
U.A.E.			3161	2130				1129	2226			3090	5459	17196
Ukraine														0
Venezuela														0
Yemen														0
Other Countries			5117	1306		1897		948	1673			3614	4440	18996
Total	0	91	27501	8158	0	6350	0	13065	11539	0	0	14118	34423	115244

Table 2.1.6

Overseas Cargo of Principal Commodities Unloaded by Country - 2020-21

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
POL-PRODUCT														
Bahrain											6			6
Belgium														0
Bangladesh														0
Canada														0
China				16	19						1	5		41
France												15		15
Hong Kong														0
Indonesia												1		1
Iran												2		2
Iraq				56			69	9						133
Japan			4											4
North Korea														0
South Korea											57	13		70
Kuwait		76		63								81	106	326
Malaysia			55	75		15	6	15	9		8		23	206
Maldives														0
Netherlands														0
Norway														0
Oman							50		20		14	41		125
Pakistan														0
Qatar		179		144							4	129	105	561
Russia														0
Saudi Arabia		25		30								102	198	355
Singapore		6	67	272	175	59		17			52	60		707
Taiwan											3			3
Thailand			2				32							34
Turkey														0
Tunisia														0
U.A.E.		312		221			169	13	54	0		157	549	1475
USA					37			116			101	188	63	506
Other Countries	67	16	4	8		110	16	6			26	877	694	1822
Total	67	613	132	885	231	184	341	175	83	0	272	1670	1739	6391

Table 2.1.6

Overseas Cargo of Principal Commodities Unloaded by Country - 2020-21

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
FERTILIZER														
Albania														0
Australia														0
Baharain									145				26	171
Belarus													20	20
Brazil														0
Canada		15		210			37		0				135	397
China	101	198	304	356		50	45		140			5	361	1560
CIS (Ex. Russia)														0
Egypt			49				45						355	449
Estonia														0
Ethopia														0
Germany									115					115
Indonesia			99	129		27				10				265
Iran														0
Israel				75			92		132				95	394
Jordan									14	119			585	718
Kuwait														0
Latvia														0
Lithuania				142			298			23			914	1377
Malaysia									44					44
Mexico														0
Morocco													111	111
Netherlands														0
Oman				44					48				785	877
Qatar				115										115
Romania														0
Russia				541			231		55				214	1041
Saudi Arabia				228					60				910	1198
Singapore														0
South Korea													27	27
Soviet Union														0
Sri Lanka														0
Thailand														0
Tunisia														0
Turkey				63										63
U.A.E.				1									227	229
Ukraine				15									50	66
United Kingdom									25					25
USA	26													26
Other Countries	444		28	39		58	91			10		320	104	1094
Total	571	213	480	1957	0	135	840	0	779	163	0	325	4918	10382

Table 2.1.6

Overseas Cargo of Principal Commodities Unloaded by Country - 2020-21

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
FRM-DRY														
Algeria				32										32
Antigua														0
Australia														0
Bahrain				5				39						45
Brunoi														0
Belgium														0
Chile						16								16
China														0
Denmark														0
Egypt		242	102	84		38			62				129	657
Iran														0
Israel														0
Italy														0
Japan				19										19
Jordan		19	1803	25			230						27	2103
Kuwait			31	8			55							93
Libya														0
Morocco			1217	276										1493
Nauru							14							14
Qatar		71	592	82				24						769
Russia			27											27
Saudi Arabia			453											453
Senegal														0
South Africa														0
Sri Lanka														0
Sudan														0
Syria														0
Togo				452			46	166						664
Tunisia														0
U.A.E.			83	37				26						146
USA			87											87
Ukraine														0
Vietnam														0
Yemen														0
Other Countries		7	529	57		148	160					37		937
Total	0	340	4922	1076	0	202	504	256	62	0	0	37	155	7555

Table 2.1.6

Overseas Cargo of Principal Commodities Unloaded by Country - 2020-21

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
FRM-LIQUID														
Australia			9	35										44
Bahrain														0
Bangladesh		6												6
Belgium													55	55
Egypt		5	25	3			12	8			12		110	175
Germany														0
Indonesia		23	41	21			7							92
Iran			111						7					117
Israel													19	19
Japan		56	214	235				29						534
Jordan		10	14										919	944
Kuwait														0
Malaysia			7					221						228
Mauritius														0
Morocco		156	178	88					111	159	274		8	974
Oman		18	14	10									71	113
Qatar		58	16	44			73	29	78					296
Russia														0
Saudi Arabia		12	148	99			20	8					97	383
Senegal		194											589	783
Singapore			20											20
South Africa				22										22
South Korea			228	176				84						487
Tunisia														0
USA				7										7
U.A.E.			19	44			7							71
U.K														0
Ukraine			237										50	286
Other Countries		50	181	58		12	15	64	44	9				433
Total	0	588	1461	840	0	12	135	441	239	168	286	0	1917	6088

Table 2.1.6

Overseas Cargo of Principal Commodities Unloaded by Country - 2020-21

In '000 Tonnes

Country of Origin/Commodities	SMP(KDS)	SMP(HDC)	PPT	VPT	KPL	ChPT	V.O.C	CoPT	NMPT	MoPT	JNPT	MbPT	DPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FOOD GRAIN														
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	8				11	0	0	0	0	0	0	0	0	19
Total	8	0	0	0	11	0	0	0	0	0	0	0	0	19
IRON & STEEL														
Australia														0
Bangladesh													44	44
Brazil	1													1
Belgium												56		56
China	17	26		1		24		1	0			101	269	439
CIS(Ex. Russia)														0
Egypt														0
France														0
Germany												2		2
Indonesia						5						14		19
Iran														0
Italy												2		2
Japan		17				40		0				145	109	311
North Korea														0
South Africa														0
South Korea												801	64	865
Malaysia									0					0
Myanmar														0
Netherlands														0
Panama														0
Romania														0
Russia												11		11
Singapore														0
Saudi Arabia														0
Spain												4		4
Sri Lanka														0
Sweden														0
Taiwan														0
Thailand			32											32
Turkey														0
U.A.E.												1	15	16
Ukraine												10		10
UK												0		0
USA												0		0
Vietnam								6				9		15
Other Countries	27					527						104	32	690
Total	45	43	32	1	0	596	0	8	0	0	0	1262	533	2520

Table 2.1.6

Overseas Cargo of Principal Commodities Unloaded by Country - 2020-21

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
EDIBLE OIL														
Algeria														0
Argentina		1039				43			13		332		1313	2740
Brazil						5					40		187	232
China														0
CIS (Ex Russia)														0
Egypt		29											41	71
France													13	13
Indonesia		579	8			306	117		349	4	323	4	1274	2965
Japan														0
Macedonia														0
Maldives														0
Malaysia		587	48			60	94		64		140		931	1926
Qatar														0
Romania														0
Russia							14		24		150		84	272
Singapore		7								6	45			58
Saudi Arabia														0
Spain														0
Thailand		32				10			8		9		58	117
Turkey		9											27	36
Ukraine		67					33		265		179		10	554
UAE													7	7
USA														0
Other Countries	241	25	0			486	18				9		76	854
Total	241	2376	57	0	0	910	276	0	724	10	1226	4	4021	9846
COAL (COKING)														
Australia		5807	7639	4000	692				94	4636			805	23673
Canada		89	335	209						1162				1795
China														0
CIS (Ex Russia)														0
Colombia														0
Egypt				54										54
Indonesia		334	796	119						44				1293
Iran														0
Japan														0
Mozambique		362	720	213										1295
New Zealand			51											51
Poland														0
Romania														0
Russia		107	257		167					879			54	1464
Singapore														0
South Africa			212	83						344				639
Ukraine														0
USA	43	785		648						520			112	2108
Venezuela														0
Vietnam														0
Other Countries	91	62	257	97								525		1032
Total	134	7547	10266	5423	859	0	0	0	94	7586	0	525	971	33404

Table 2.1.6

Overseas Cargo of Principal Commodities Unloaded by Country - 2020-21

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
COAL (THERMAL)														
Australia					882					158			1150	2190
China														0
Colombia													239	239
Indonesia			1052		3956		364			333		1680	7699	15085
Malaysia														0
Philippines														0
Russia					187									187
Singapore			56											56
South Africa			2718		554		77			910			953	5213
Spain														0
Thailand														0
USA													8043	8043
UAE														0
Ukraine														0
Other Countries	0									55		1786	536	2377
Total	0	0	3827	0	5580	0	441	0	0	1456	0	3466	18621	33391
IRON ORE / PELLETS														
Australia			15											15
Bahrain														0
Brazil														0
China														0
Finland														0
Oman														0
Qatar														0
Russia														0
Senegal														0
South Africa													226	226
Ukraine														0
Vietnam														0
Other Countries	0											220		220
Total	0	0	15	0	0	0	0	0	0	0	0	220	226	461

Table 2.1.6

Overseas Cargo of Principal Commodities Unloaded by Country - 2020-21

In '000 Tonnes

Country of Origin/Commodities	SMP(KDS)	SMP(HDC)	PPT	VPT	KPL	ChPT	V.O.C	CoPT	NMPT	MoPT	JNPT	MbPT	DPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
OTHER ORES														
Australia		190		553										743
Argentina														0
Brazil				163										163
Canada														0
Chile														0
China				6										6
Egypt														0
Gabon		456		508										964
Ghana														0
Indonesia														0
Iran														0
Japan				72										72
Malaysia														0
Maxico														0
Mozambique			19	56										75
Oman														0
Peru														0
Phillipines														0
Saudi Arabia														0
South Africa		899		971										1871
Thailand														0
Turkey														0
UAE														0
USA														0
Other Countries	158	30	96	149			20							453
Total	158	1576	114	2479	0	0	20	0	0	0	0	0	0	4346

Table 2.1.7

Overseas Cargo of Principal Commodities Loaded by Country (Port-wise) - 2020-21

(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
POL-PRODUCT														
Australia			78											78
Argentina													96	96
Bangladesh			654					36				35	356	1081
Belgium									68				136	204
China			53	135		259		219	140			276	119	1201
Egypt													63	63
France									40				63	103
Guyan														0
Hongkong									41					41
Indonesia			89										173	262
Japan				37		75		176	73			285		646
Jakarta													122	122
Jordan														0
Kenya													120	120
North Korea														0
South Korea								105	35			143	35	318
Liberia														0
Malaysia			362	24					68		25	75	230	783
Maldives														0
Malta														0
Mauritius			165										42	207
Namibia														0
Netherland								43	133				378	554
Oman		55											175	230
Pakistan														0
Qatar													35	35
Saudi Arabia		10											232	242
Singapore		66	388	324				167	835		21	463	2272	4537
Sri Lanka			77			5			38					120
Slovenia														0
Switzerland												37		37
Taiwan												37		37
Tanzania									106					106
U.A.E.		29	22	54				30	459	0		134	1002	1731
Ukraine														0
USA									42			39		81
Vietnam														0
Yemen													42	42
Yugoslavia														0
Other Countries	60		16			242		348	111			398	2730	3904
Total	60	160	1903	574	0	581	0	1124	2189	0	46	1922	8419	16978

**Table 2.1.7
(Contd.)**

Overseas Cargo of Principal Commodities Loaded by Country (Port-wise) - 2020-21

(In '000 Tonnes)

Country of Origin/Commodities	SMP (KDS	SMP(HDC)	PPT	VPT	KPL	ChPT	V.O.C	CoPT	NMPT	MoPT	JNPT	MbPT	DPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FOOD GRAIN														
Australia														0
Bangladesh	198												425	623
Canada														0
China													10.024	10
Ethopia														0
France														0
Indonesia													110	110
Iran													24	24
Italy														0
Japan														0
Kuwait														0
Malaysia														0
Maldives							0							0
Mozambique													67	67
Oman													9	9
Saudi Arabia													206	206
Singapore														0
Somalia													122	122
Sudan													66	66
Taiwan														0
Thailand														0
U.A.E.													183	183.253
Vietnam				53									12	65.301
Other Countries	0			45	9								874	927.916
Total	198	0	0	98	9	0	0	0	0	0	0	0	2109	2413

**Table 2.1.7
Contd.**

Overseas Cargo of Principal Commodities Loaded by Country (Port-wise) - 2020-21

(In '000 Tonnes)

Country of Origin/Commodities	SMP (KDS)	SMP(HDC)	PPT	VPT	KPL	ChPT	V.O.C	CoPT	NMPT	MoPT	JNPT	MbPT	DPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
IRON & STEEL														
Algeria														0
Bangladesh	38												89	127
Belgium			26	17		44						123		210
Brazil				12										12
China	0	623	1179	782		134				38		2		2759
CIS														0
Indonesia		70	121	92									125	407
Iran														0
Italy			78	33		151						7		268
Japan	0					230						0	39	269
Kenya														0
Kuwait													130	130
Malaysia		19	96			53							10	178
Maldives							2	0						2
Myanmar			82			3								85
Oman				25								3	348	376
Philippines		61	60										32	154
Qatar			122	16										139
Saudi Arabia				24									181	205
South Korea													15	15
Singapore		18	154	29		31								233
Spain				44								25		69
Sri Lanka		19	39	44										103
Sudan														0
Taiwan		19	71											89
Tanzania						4							5	9
Thailand		256	46			305							31	638
U.A.E.		38	96									0	2	137
United Kingdom														0
USA						11						1		12
Vietnam		219	645									106		970
Other Countries		7	102	141		337		0	2			261	46	896
Total	38	1350	2918	1261	0	1303	2	0	2	38	0	528	1052	8493

**Table 2.1.7
Contd.**

Overseas Cargo of Principal Commodities Loaded by Country (Port-wise) - 2020-21

(In '000 Tonnes)

Country of Origin/Commodities	SMP (KDS	SMP(HDC)	PPT	VPT	KPL	ChPT	V.O.C	CoPT	NMPT	MoPT	JNPT	MbPT	DPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
IRON ORE														
Bangladesh														0
China		3947	21592	5465					837	6553				38392
Itlay														0
Japan				1160						320				1480
Kuwait														0
Malaysia			30											30
South Korea				532					114					646
Netherlands														0
Pakistan														0
Phillipines														0
Romania														0
Saudi Arabia														0
U.A.E.									50	53				103
United Kingdom														0
Vietnam			22	50						84				156
Other Countries	0		672	1526					899					3097
Total	0	3947	22316	8733	0	0	0	0	1900	7010	0	0	0	43906

**Table 2.1.7
(Contd.)**

Overseas Cargo of Principal Commodities Loaded by Country (Port-wise) - 2020-21

(In '000 Tonnes)

Country of Origin/Commodities	SMP (KDS)	SMP(HDC)	PPT	VPT	KPL	ChPT	V.O.C	CoPT	NMPT	MoPT	JNPT	MbPT	DPT	ALL PORTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
OTHER ORES														
Banagladesh														0
Balgaria														0
Belgium														0
Brazil														0
China			50	48									73	170.308
France														0
Indonesia			8	63		7								78
Iran														0
Iraq														0
Italy														0
Japan				9										9
Kuwait														0
Poland														0
Singapore														0
Spain														0
South Korea			79											79
Maldives														0
Malaysia														0
Mexico														0
Netherlands													30	30
Nigeria														0
Qatar														0
Saudi Arabia													12	12
South Africa														0
Tanzania														0
Thailand														0
USA						69								69
Other Countries		34	8	12		354							17	424
Total	0	34	144	131	0	430	0	0	0	0	0	0	132	871

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

Port	Container Cargo			Tare Weight			Container Traffic		
	2018-19	2019-20	2020-21	2018-19	2019-20	2020-21	2017-18	2018-19	2020-21
1	2	3	4	5	6	7	8	9	10
Deendayal	3958	6967	7262	0	0	1017	3958	6967	8279
Mumbai	329	246	215	46	44	39	375	291	254
J.L.Nehru	50993	50121	47766	11121	10819	9979	62114	60940	57746
Mormugao	382	345	257	85	73	50	467	418	307
N.Mangalore	1640	1952	1972	280	326	319	1920	2277	2291
Cochin	6702	7173	7902	1414	1455	1649	8116	8628	9550
V.O.Chidambanar	13481	14833	13503	1474	1603	1520	14955	16436	15023
Chennai	26346	22519	22575	4917	4191	4193	31263	26710	26768
Visakhapatnam	6946	7559	7912	1013	1091	267	7959	8649	8178
Paradip	194	196	243	27	25	36	221	222	279
SMP (Haldia Dock Complex)	1762	2678	2609	1378	354	318	3140	3032	2927
SMP (Kolkata Dock System)*	9934	8365	7109	0	1402	1128	9934	9767	8237
Kamarajar	987	2268	3485	114	256	386	0	2524	3871
Total	123654	125223	122809	21869	21638	20901	144422	146861	143710

* 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' nd above is 4.5 Mt.

Source: Major Ports

Table 2.1.9 Reefer Container Traffic at Major Ports - 2019-20 & 2020-21

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)	2019-20	820	0	6249	0	912	0	6358	0
	2020-21	781	0	6515	0	678	0	6720	0
SMP (Haldia Dock Complex)	2019-20	3	-	178	-	-	-	-	-
	2020-21	0	-	19	-	1	-	50	-
Paradip	2019-20	-	-	-	-	-	-	-	-
	2020-21	-	-	-	-	-	-	-	-
Visakhapatnam	2019-20	285	0	17212	0	365	0	12043	0
	2020-21	237	0	15496	0	536	0	11678	0
Chennai	2019-20	1387	0	6289	0	1480	0	6071	0
	2020-21	1561	0	9477	0	1250	0	3655	0
V.O. Chidambaranar	2019-20	354	0	8044	0	5	0	315	0
	2020-21	249	0	3298	0	56	0	170	0
Cochin	2019-20	852	0	8150	0	862	0	8479	0
	2020-21	692	0	8930	0	728	0	8865	0
New Mangalore	2019-20	209	0	2393	0	15	0	614	0
	2020-21	67	0	2490	0	13	0	1567	0
Mormugao	2019-20	7	0	1066	0	6	0	1037	0
	2020-21	9	0	644	0	8	0	628	0
J.L.Nehru	2019-20	5227	0	109606	0	3691	0	33034	0
	2020-21	4452	0	72292	0	4953	0	93839	0
Mumbai	2019-20	-	-	-	-	-	-	-	-
	2020-21	-	-	-	-	-	-	-	-
Deendayal	2019-20	-	-	39	-	-	-	833	-
	2020-21	0	0	98	0	1	0	68	0
Kamarajar	2019-20	39	-	249	-	46	-	258	-
	2020-21	123	-	1363	-	182	-	1118	-
Total	2019-20	9183	0	159475	0	7382	0	69042	0
	2020-21	8171	0	120622	0	8406	0	128358	0

Source: Major Ports

Table 2.1.10

Level of Containerisation in General Cargo at various Major Ports - 2019-20 & 2020-21

Port/Year	Container Cargo* (000 tonnes)			General Cargo(Break Bulk + Container) (000 tonnes)			Percentage of Container Cargo to General Cargo		
	Loaded	Unloaded	Total	Loaded	Unloaded	Total	Loaded	Unloaded	Total
1	2	3	4	5	6	7	8	9	10
DEENDAYAL									
2019-20	6258	709	6967	9327	4502	13830	67.1	15.7	50.4
2020-21	6890	1389	8279	11889	4414	16302	58.0	31.5	50.8
MUMBAI									
2019-20	6	289	296	609	3754	4363	1.0	7.7	6.8
2020-21	6	248	254	762	1802	2564	0.8	13.8	9.9
J. L. NEHRU									
2019-20	26519	34421	60940	26519	34421	60940	100.0	100.0	100.0
2020-21	28282	29464	57746	28282	29464	57746	100.0	100.0	100.0
MORMUGAO									
2019-20	105	313	418	1481	313	1794	7.1	100.0	23.3
2020-21	97	201	298	1914	211	2125	5.1	95.3	14.0
NEW MANGALORE									
2019-20	701	1577	2278	705	1866	2571	99.4	84.5	88.6
2020-21	802	1489	2291	952	1776	2728	84.2	83.8	84.0
COCHIN									
2019-20	2423	6205	8628	2489	6259	8748	97.4	99.1	98.6
2020-21	2960	6590	9550	3057	6650	9707	96.8	99.1	98.4
V.O. CHIDAMBARANAR									
2019-20	9011	7425	16436	10017	7697	17714	90.0	96.5	92.8
2020-21	8169	6854	15023	9105	7010	16115	89.7	97.8	93.2
CHENNAI									
2019-20	11855	14855	26710	13970	15869	29839	84.9	93.6	89.5
2020-21	12604	14164	26768	14206	14886	29092	88.7	95.1	92.0
VISAKHAPATNAM									
2019-20	4563	4086	8649	4879	4350	9229	93.5	93.9	93.7
2020-21	4942	3236	8178	6513	3478	9991	75.9	93.0	81.9
PARADIP									
2019-20	132	90	222	1838	139	1978	7.2	64.5	11.2
2020-21	184	95	279	3245	134	3379	5.7	70.9	8.3
SMP (KOLKATA DOCK SYSTEM)									
2019-20	4437	5330	9767	4563	6023	10586	97.2	88.5	92.3
2020-21	4120	4117	8237	4364	4771	9135	94.4	86.3	90.2
SMP (HALDIA DOCK COMPLEX)									
2019-20	1155	1877	3032	1806	2117	3923	64.0	88.7	77.3
2020-21	1462	1465	2927	2878	1575	4453	50.8	93.0	65.7
KAMARAJAR									
2019-20	574	1950	2524	2978	2182	5160	19.3	89.4	48.9
2020-21	1596	2275	3871	2745	2570	5315	58.1	88.5	72.8
TOTAL									
2019-20	67739	79127	146866	81181	89493	170674	83.4	88.4	86.1
2020-21	72113	71588	143701	89911	78741	168653	80.2	90.9	85.2

* Includes tare weight also
Source: Major Ports

Table 2.1.11

Inland Container Movement At Major Ports - 2019-20 & 2020-21

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)	2019-20	0	...	0	...	0	...	0	...	0	0
	2020-21	0	...	0	...	0	...	0	...	0	0
SMP(Haldia Dock Complex)	2019-20	14252	230966	85179	976206	13850	195820	83180	1766820	196461	3169812
	2020-21	16086	287036	65173	1173328	12704	253479	55420	911691	149383	2625534
Paradip	2019-20	...	...	5701	131650	...	...	5803	89896	11504	221546
	2020-21									0	0
Visakhapatnam	2019-20	29975	777980	216263	3785971	9721	114847	247671	3970423	503630	8649221
	2020-21	39420	866976	203637	4075289	14251	314628	223764	2921556	481072	8178449
Chennai	2019-20	33005	...	578642	...	41069	...	514069	...	1166785	0
	2020-21	28789		439564		45768		628581		1142702	0
V.O. Chidambaranar	2019-20	0	0	0	0	0	0	0	-	0	0
	2020-21	0	0	0	0	0	0	0	-	0	0
New Mangalore	2019-20	0	0	75304	700752	90	173	77957	1576546	153351	2277471
	2020-21	180	408	74248	801483	1396	3254	74621	1485779	150445	2290924
Cochin	2019-20	620	4520	289516	2110861	500	10115	291023	5887307	581659	8012803
	2020-21	4840	33393	294488	2269695	4930	34147	294797	5899822	599055	8237057
Mormugao	2019-20	0	0	16593	313692	0	0	15203	104696	31796	418388
	2020-21			10753	96989	0	0	11290	210080	22043	307069
J.L.Nehru(a)	2019-20	376357	5120181	2010454	20583870	421237	6316865	2044079	27247480	4852127	59268396
	2020-21	409738	5802066	1720854	20888667	409753	6743387	1709765	21870244	4250110	55304364
Mumbai	2019-20	-	-	634	0	-	-	6186	0	6820	0
	2020-21			381				5773		6154	0
Deendayal	2019-20	4053	116782	215835	6141664	2691	15051	219585	1744071	442164	8017568
	2020-21	3386	95541	238352	6797697	1387	3677	242056	1371437	485181	8268352
Kamarajar	2019-20	1433	11253	30799	449650	6556	97718	87432	1279048	126220	1837669
	2020-21	3818	49726	66208	614064	6391	91588	97272	1245236	173689	2000614
Total	2019-20	459695	6261682	3524920	35194316	495714	6750589	3592188	43666287	8072517	91872874
	2020-21	506257	7135147	3113658	36717212	496580	7444160	3343339	35915844	7459834	87212363

Source: Major Ports

Table 2.1.12

Inland Container Depot Movement at Major Ports - 2019-20 & 2021-22

(TEUs)

PORT	2019-20				2020-21			
	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	675439	0	0	0	537878
SMP(Haldia Dock Complex)	5818	5950	11768	169323	8690	5342	14032	149479
Paradip	-	-	0	11504	-	-	-	16117
Visakhapatnam	246238	257392	503630	408949	39420	238015	277435	481072
Chennai	37125	56379	93504	1383971	73088	51018	124106	1386926
V.O. Chidambaran	0	0	0	803719	0	0	0	762279
Cochin	290136	291523	581659	620061	4840	4930	9770	689697
New Mangalore	0	0	0	153351	0	0	0	150445
Mormugao	0	0	0	31861	0	0	0	22108
J.L.Nehru	334617	763109	1097726	5031187	361885	406716	768601	4676831
Mumbai	0	0	0	26714	0	0	0	24658
Deendayal	4053	2691	6744	446908	6893239	1393	6894632	514504
Kamarajar	3565	14592	18157	128159	12898	10309	23207	198017
All Ports	921552	1391636	2313188	9891146	7394060	717723	8111783	9610011

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

Table 2.1.13 Selected Physical Performance Indicators - By Type of Vessels - 2019-20& 2020-21

Item/Year	Category of Vessels					
	Dry-Bulk (Mech.)	Dry-Bulk (Conv.)	Liquid Bulk	Break- Bulk	Container vessels	All Types
1	2	3	4	5	6	7
1. No. of vessels sailed						
2019-20	2295	3408	8100	2272	5728	21803
2020-21	2138	3335	7259	2106	5533	20371
2. Av. pre-berthing waiting time(days)						
2019-20	0.57	1.27	1.49	0.58	0.30	0.95
2020-21	0.48	1.25	3.07	1.37	0.42	1.04
3. Av. turn round time (days)*						
2019-20	2.25	3.18	1.83	3.01	1.39	2.12
2020-21	2.18	3.32	1.82	3.66	1.30	2.18
4. Percentage of idle time at berth to time at working berth (days)						
2019-20	21.6	29.0	28.6	36.6	17.4	27.0
2020-21	24.2	34.4	30.9	37.1	20.9	29.7
5. Av. Output per ship berth day (tonnes)						
2019-20	29594	18409	26180	5143	27078	21914
2020-21	29330	18738	19838	4349	26640	19171

*:- 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 -2019-20 & 2020-21

Item	SMP (Kolkata Dock)*	SMP(Haldi a Dock Complex)	Paradip	Visakhapat nam	Kamarajar^	Chennai	V.O. Chidambarana r	Cochin	New Mangalor e	Mormugao**	J.L. Nehru	Mumbai#	Deen dayal	All Ports
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1. No. of vessels sailed														
2019-20	1283	2244	2013	2099	827	1464	1447	1141	1351	430	2498	1930	3076	21803
2020-21	1027	2137	2051	2040	706	1315	1203	1097	1237	444	2490	1591	3033	20371
2. Av. pre-berthing waiting time(days)														
2019-20	0.70	2.96	0.64	0.05	0.12	0.00	0.65	0.48	1.26	1.21	0.77	0.16	1.85	0.95
2020-21	0.51	2.71	0.26	0.05	0.08	0.00	0.50	0.64	1.09	1.26	0.91	0.10	2.81	1.04
3. Av. turn round time (days)#														
2019-20	3.17	2.75	2.34	2.43	1.73	2.00	1.67	1.45	1.90	2.33	1.23	1.70	2.54	2.12
2020-21	2.13	2.91	2.42	2.75	1.79	2.14	1.70	1.49	1.98	2.41	1.19	2.07	2.59	2.18
4. Percentage of Idle time at berth to time at working berth (days)														
2019-20	41.2	50.1	13.1	34.4	0.0	24.0	25.5	31.4	22.4	22.1	12.7	54.1	20.7	27.0
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
5. Av. Output per ship berth day (tonnes)														
2019-20	7174	15192	32001	20032	26851	20340	19334	31258	19140	19944	28296	25608	21109	21914
2020-21	8210	14243	30224	17238	23945	20331	19302	30915	19048	24305	27711	23659	10467	19171

*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 2019-20 & 2020-21

Port	Type of Vessel											
	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (Conv.)		Liquid Bulk		All Types	
	2019-20	2020-21	2019-20	2020-21	2019-20	2020-21	2019-20	2020-21	2019-20	2020-21	2019-20	2020-21
1	2	3	4	5	6	7	8	9	10	11	12	13
Kolkata Dock System	808	677	168	163	0	0	87	79	220	108	1283	1027
Haldia Dock Complex	249	317	78	91	198	105	681	680	1038	944	2244	2137
Paradip	29	48	102	134	741	811	588	564	553	494	2013	2051
Visakhapatnam	329	309	64	116	351	329	586	630	769	656	2099	2040
Kamarajar	65	107	148	104	302	218	24	11	288	266	827	706
Chennai	594	604	352	239	0	0	88	87	430	385	1464	1315
V.O. Chidambaranar	606	454	306	289	177	136	157	167	201	157	1447	1203
Cochin	606	563	30	23	77	98	17	7	411	406	1141	1097
New Mangalore	241	179	50	98	151	164	147	74	762	722	1351	1237
Mormugao	51	36	72	71	148	133	67	126	92	78	430	444
J.L.Nehru	1777	1811	78	53	66	51	0	0	577	575	2498	2490
Mumbai	1	0	451	325	0	0	325	295	1153	971	1930	1591
Deendayal	372	428	373	400	84	93	641	615	1606	1497	3076	3033
All Ports	5728	5533	2272	2106	2295	2138	3408	3335	8100	7259	21803	20371

Source: Major Ports

Table 2.1.16

Average Pre-berthing Detention By Type of Vessels - 2019-20 & 2020-21

(In Days)

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2019-20	2020-21	2019-20	2020-21	2019-20	2020-21	2019-20	2020-21	2019-20	2020-21	2019-20	2020-21
1	2	3	4	5	6	7	8	9	10	11	12	13
SMP Kolkata Dock Syst	0.71	0.57	0.37	0.35	-	-	0.09	0.02	1.13	0.74	0.70	0.51
SMP Haldia Dock Comp	0.82	1.17	2.49	2.60	2.37	1.80	3.47	3.49	3.28	2.60	2.96	2.71
Paradip	0.06	0.05	0.21	0.12	0.27	0.11	1.74	0.70	0.08	0.06	0.64	0.26
Visakhapatnam	0.04	0.05	0.09	0.06	0.05	0.06	0.06	0.05	0.04	0.04	0.05	0.05
Kamarajar	0.00	0.12	0.08	0.03	0.13	0.07	0.05	0.01	0.17	0.08	0.12	0.08
Chennai	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.69	0.09	0.09	0.00	0.00
V.O.Chidambanar	0.31	0.20	0.64	0.72	0.91	0.97	0.95	0.65	1.21	0.37	0.65	0.50
Cochin	0.19	0.39	0.28	0.20	0.66	0.31	0.07	0.06	0.89	1.10	0.48	0.64
New Mangalore	0.05	0.02	0.13	0.23	0.37	0.46	0.91	0.19	1.95	1.71	1.26	1.09
Mormugao	0.11	0.22	1.80	2.27	0.92	2.60	0.08	0.18	2.64	0.28	1.21	1.26
J.L.Nehru	0.16	0.24	0.58	0.42	0.85	0.66	0.00	0.00	2.64	2.77	0.77	0.91
Mumbai	0.00	0.00	0.07	0.02	0.00	0.00	0.01	0.00	0.23	0.16	0.16	0.10
Deendayal	0.82	1.84	1.61	5.33	1.55	1.10	0.85	1.91	2.56	10.79	1.85	2.81
All Ports	0.30	0.42	0.58	1.37	0.57	0.48	1.27	1.25	1.49	3.07	0.95	1.04

Source: Major Ports

Table 2.1.17

Average Turn Round Time - By Type Of Vessels - 2019-20 & 2020-21

(In Days)

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2019-20	2020-21	2019-20	2020-21	2019-20	2020-21	2019-20	2020-21	2019-20	2020-21	2019-20	2020-21
1	2	3	4	5	6	7	8	9	10	11	12	13
SMP Kolkata Dock System	3.26	2.31	4.45	3.80	0.00	0.00	0.70	0.20	2.87	2.14	3.17	2.13
SMP Haldia Dock Complex	1.71	1.61	4.65	5.83	3.39	3.89	3.74	3.76	2.08	2.34	2.75	2.91
Paradip	0.95	0.75	3.01	4.14	1.78	1.87	3.76	3.56	1.52	1.71	2.34	2.42
Visakhapatnam	0.93	1.02	4.07	5.83	2.58	2.38	3.89	4.33	1.75	1.70	2.43	2.75
Kamarajar	0.69	0.11	0.84	1.28	2.74	2.91	2.56	3.05	1.29	1.34	1.73	1.79
Chennai	1.27	1.53	2.83	3.27	0.00	0.00	2.78	3.77	2.18	2.03	2.00	2.14
V.O.Chidambanar	0.75	0.91	1.59	1.26	2.93	3.18	3.51	3.23	2.03	1.92	1.67	1.70
Cochin	0.81	0.90	3.11	2.56	2.98	2.62	2.90	5.83	1.92	1.91	1.45	1.49
New Mangalore	1.33	1.63	2.36	1.86	1.72	0.74	3.29	4.35	1.82	1.91	1.90	1.98
Mormugao	1.17	1.46	4.18	4.56	2.89	3.81	1.19	0.73	1.46	0.61	2.33	2.41
J.L.Nehru	1.08	1.06	1.16	1.20	3.73	1.67	0.00	0.00	1.42	1.41	1.23	1.19
Mumbai	1.63	0.00	2.78	3.07	0.00	0.00	0.49	0.71	1.61	1.97	1.70	2.07
Deendayal	1.42	1.49	4.58	6.04	4.64	5.03	3.27	3.56	1.93	1.64	2.54	2.59
All Ports	1.39	1.30	3.01	3.66	2.25	2.18	3.18	3.32	1.83	1.82	2.12	2.18

Source: Major Ports

Table 2.1.18

Percentage Of Idle Time At Working Berth To Time At Working Berth - By Type Of Vessels - 2019-20 & 2020-21

(In Days)

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2019-20	2020-21	2019-20	2020-21	2019-20	2020-21	2019-20	2020-21	2019-20	2020-21	2019-20	2020-21
1	2	3	4	5	6	7	8	9	10	11	12	13
SMP Kolkata Dock System	25.5	42.8	70.7	85.8	-	-	62.5	42.8	85.2	121.4	41.2	57.8
SMP Haldia Dock Complex	69.4	73.6	43.8	39.7	47.1	37.4	56.2	62.9	43.4	53.8	50.1	55.6
Paradip	0.0	0.0	1.6	3.3	26.0	21.0	13.6	18.6	0.0	0.0	13.1	14.1
Visakhapatnam	13.2	13.5	33.6	27.8	49.8	51.8	33.6	34.6	32.3	32.2	34.4	34.0
Kamarajar	0.0	0.0	0.0	0.0	0.0	25.2	0.0	0.0	0.0	0.0	0.0	11.5
Chennai	17.9	22.3	34.8	35.6	-	-	25.9	27.9	18.3	27.7	24.0	28.0
V.O.Chidambaranar	0.7	0.0	61.8	45.5	15.2	11.7	40.5	35.4	20.8	18.7	25.5	20.5
Cochin	36.1	22.8	62.9	37.2	16.6	24.5	74.1	79.9	28.6	49.0	31.4	35.9
New Mangalore	9.5	8.8	34.9	71.6	19.8	21.6	30.7	27.2	22.3	20.7	22.4	23.1
Mormugao	15.2	19.9	17.5	16.7	15.3	11.9	23.2	12.3	73.6	89.8	22.1	18.0
J.L.Nehru	8.6	8.4	13.6	15.3	4.8	6.4	-	-	26.2	25.4	12.7	12.8
Mumbai	-	-	92.3	61.1	-	-	49.9	51.8	35.1	34.0	54.1	44.0
Deendayal	12.9	14.4	12.4	10.6	15.8	11.9	20.5	17.0	29.3	29.9	20.7	18.0
All Ports	17.4	20.9	36.6	37.1	21.6	24.2	29.0	34.4	28.6	30.9	27.0	29.7

Source: Major Ports

Table 2.1.19

Average Output Per Ship Berthday - By Type Of Vessels -2019-20 & 2020-21

(Tonnes)

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2019-20	2020-21	2019-20	2020-21	2019-20	2020-21	2019-20	2020-21	2019-20	2020-21	2019-20	2020-21
1	2	3	4	5	6	7	8	9	10	11	12	13
SMP Kolkata Dock System	7475	7981	4822	1544	0	0	63478	232195	5105	5075	7174	8210
SMP Haldia Dock Complex	16075	14072	4350	4978	17233	14685	18932	18979	13104	12524	15192	14243
Paradip	10517	10748	6505	6381	49844	43407	16813	18797	642	642	32001	30224
Visakhapatnam	34761	31541	3146	3519	39435	39593	11838	11261	22010	22448	20032	17238
Kamarajar (Ennore)	72114	39456	31494	11537	27023	30972	20224	17647	19243	14279	26581	23945
Chennai	43320	36569	4235	4104	0	0	11411	12767	19265	18974	20340	20331
V.O.Chidambaranar	39185	38367	39185	38367	23414	22161	16508	15285	5416	5614	19334	19302
Cochin	28930	26754	2411	4180	7182	7988	6904	10729	44610	47260	31258	30915
New Mangalore	8286	8726	3402	3876	27630	28657	15281	13654	22863	22294	19140	19048
Mormugao	6766	6146	5434	6709	27105	21797	57356	114323	11183	12815	19944	24305
J.L.Nehru	39843	37692	607	902	4473	5614	0	0	10854	10218	28296	27711
Mumbai	0	0	5476	3849	0	0	154577	109378	24699	23729	25608	23659
Deendayal	16596	17910	5164	3817	0	0	17664	16952	36450	8087	21109	10467
All Ports	27078	26640	5143	4349	29594	29330	18409	18738	26180	19838	21914	19171

Source: Major Ports

Table 2.1.20

Commodity-wise Average Pre-Berthing Detention - 2019-20& 2020-21

(In Days)

Port Commodity	Year	SMP (Kolkata Dock)	SMP (Haldia Dock)	Paradip	Visakhak hapatna m	Kamarajar	Chennai	V.O.Chida- mbanar	Cochin	New Manglore	Mormuga o	J L Nehru	Mumbai	Deendaya I
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL(Crude)	2020-21	-	2.92	0.09	0.05	-	0.05	-	0.73	1.08	-	1.33	0.18	4.39
	2019-20	-	0.96	0.09	0.05	-	0.05	-	1.61	2.20	-	0.71	0.38	3.33
POL(Product)	2020-21	0.73	2.72	0.06	0.03	0.09	0.03	0.20	0.47	1.76	0.29	3.70	0.07	4.38
	2019-20	1.01	4.14	0.08	0.04	0.15	0.03	0.58	0.82	1.40	0.61	3.32	0.19	2.05
LPG	2020-21	0.00	2.73	0.00	0.04	0.05	-	0.30	0.64	3.06	-	4.40	0.48	3.90
	2019-20	0.00	3.19	0.00	0.03	0.16	-	0.29	0.31	3.14	-	4.70	0.37	4.58
Iron Ore	2020-21	0.00	1.78	0.33	0.05	-	-	0.00	-	0.27	6.26	-	-	4.01
	2019-20	0.00	1.11	0.56	0.06	-	-	0.00	-	0.58	0.07	-	-	0.48
Coking Coal	2020-21	0.00	2.45	0.77	0.05	0.05	-	3.85	-	1.00	2.51	-	-	3.46
	2019-20	0.23	2.89	2.87	0.05	0.24	-	0.00	-	3.00	1.01	-	-	0.74
Thermal Coal	2020-21	0.00	2.29	0.05	0.00	0.08	-	0.99	0.00	0.00	2.93	-	-	5.81
	2019-20	0.00	1.99	0.14	0.05	0.12	-	0.91	0.00	0.00	0.82	-	-	0.83
Fertilisers & FRM	2020-21	0.00	5.82	0.06	0.05	-	0.07	0.44	0.37	0.19	0.60	-	0.00	5.57
	2019-20	0.00	3.83	0.07	0.07	-	0.08	0.33	0.47	0.68	0.31	-	0.30	0.58
Other Dry Bulk	2020-21	0.02	3.88	0.47	0.05	0.05	0.07	0.70	0.29	0.22	2.08	0.65	0.00	7.39
	2019-20	0.79	3.93	1.09	0.06	0.05	0.08	1.02	0.56	0.36	0.57	0.36	0.16	1.25
Other Lqd. Bulk	2020-21	0.75	2.70	0.08	0.06	0.10	0.03	0.43	0.39	0.27	0.26	2.06	0.24	8.62
	2019-20	1.23	2.73	0.07	0.05	0.24	0.04	1.59	0.31	1.59	9.94	1.96	0.21	2.31
General Cargo	2020-21	0.38	2.60	0.11	0.06	0.08	0.04	1.37	0.24	0.22	2.27	0.42	0.04	36.64
	2019-20	0.45	2.34	0.21	0.09	0.09	0.03	1.32	0.40	0.60	1.80	0.58	0.07	1.63
Containers	2020-21	0.57	1.17	0.05	0.05	0.12	0.00	0.20	0.39	0.02	0.22	0.24	0.00	1.84
	2019-20	0.71	0.82	0.04	0.04	0.00	0.00	0.31	0.19	0.05	0.11	0.16	0.00	0.82
Total	2020-21	0.51	2.71	0.26	1.09	0.08	0.00	0.50	0.64	1.09	1.26	0.91	0.10	2.81
	2019-20	0.70	2.96	0.64	0.05	0.12	0.00	0.65	0.48	1.26	1.21	0.77	0.16	1.85

Source: Major Ports

Table 2.1.21 Commodity-wise Average Turn Round Time 2019-20 & 2020-21

(In Days)														
Port ---->	Year	Kolkata Dock System\$	Haldia Dock Complex	Paradip	Visakhakhapatna m	Kamarajar	Chennai	V.O.Chidambaran ar	Cochin	New Manglore	Mormugao	J.L.Nehru	Mumbai	Deendayal
Commodity														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL (Crude)	2020-21	-	2.52	2.03	2.00	-	1.85	0.00	1.84	1.74	-	3.13	1.92	2.25
	2019-20	-	1.90	1.88	1.82	-	1.80	0.00	1.96	1.86	-	1.59	1.58	2.11
POL(Product)	2020-21	3.79	2.02	1.45	1.76	1.29	1.98	2.51	2.22	1.35	1.44	5.21	3.04	2.26
	2019-20	2.96	1.84	1.29	1.88	1.31	2.34	2.31	2.23	1.51	1.56	1.53	2.43	2.26
LPG	2020-21	-	2.04	-	2.08	1.50	-	1.23	1.29	3.47	-	6.28	5.81	2.32
	2019-20	-	1.88	-	2.11	1.41	-	1.30	1.38	2.98	-	1.96	3.09	2.03
Iron Ore	2020-21	0.00	4.29	2.55	3.12	0.00	-	0.00	0.00	2.94	1.68	-	-	2.81
	2019-20	0.00	4.28	2.88	2.65	0.00	-	0.00	0.00	2.83	4.48	-	-	3.15
Coking Coal	2020-21	0.00	3.74	3.72	2.72	2.26	-	3.44	0.00	1.98	4.21	-	-	2.73
	2019-20	3.48	3.75	3.71	3.26	1.67	-	0.00	0.00	1.58	3.11	-	-	5.11
Thermal Coal	2020-21	0.00	3.54	1.45	2.64	2.97	-	3.58	0.00	0.00	0.75	-	-	4.34
	2019-20	0.00	2.75	1.39	2.05	2.81	-	3.42	0.00	0.00	2.90	-	-	3.99
Fertilisers & FRM	2020-21	1.44	4.52	2.74	5.30	0.00	3.50	3.67	8.63	1.85	4.69	-	16.39	5.31
	2019-20	0.00	3.77	3.19	5.30	5.50	2.38	3.97	14.88	0.46	2.89	-	11.79	4.11
Other Dry Bulk	2020-21	0.24	3.61	2.69	4.02	3.09	3.86	2.81	2.35	1.58	3.32	3.98	7.98	4.29
	2019-20	5.26	3.13	3.04	3.54	2.27	2.85	2.95	2.15	1.84	2.89	3.73	6.09	3.27
Other Lqd. Bulk	2020-21	2.35	2.72	2.31	1.35	1.22	2.22	1.80	1.19	2.94	1.13	3.34	1.38	3.06
	2019-20	2.80	2.23	1.71	1.36	1.09	2.21	2.10	1.17	1.34	1.10	1.28	1.05	1.69
General Cargo	2020-21	4.34	5.92	4.15	5.83	1.28	3.27	169.86	2.56	1.47	5.07	1.60	2.18	6.91
	2019-20	5.42	4.37	3.00	4.06	0.84	2.83	3.26	3.11	2.48	4.18	1.16	2.81	4.64
Containers	2020-21	2.31	1.61	0.75	1.02	0.11	1.53	0.91	1.63	1.63	1.46	1.06	0.00	1.49
	2019-20	3.26	1.71	0.95	0.93	0.69	1.27	0.75	0.81	1.33	1.17	1.08	1.63	1.42
Total	2020-21	2.13	2.91	2.42	2.75	1.79	2.14	1.70	1.98	1.98	2.41	1.19	2.07	2.59
	2019-20	3.17	2.75	2.34	2.43	1.73	2.00	1.67	1.45	1.90	2.33	1.23	1.70	2.54

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 - 2019-20 & 2020-21

(In Days)

Port ---->	Year	SMP (Kolkata Dock System)	SMP (Haldia Dock Complex)	Paradip	Visakhakhapatna m	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)	2020-21	-	0.51	0.16	0.26	-	0.43	-	0.46	0.26	-	0.38	0.44	0.55
	2019-20	-	0.38	N/A	0.31	-	0.36	-	0.17	0.31	-	0.33	0.39	0.23
POL(Product)	2020-21	1.66	0.53	0.41	0.43	0.34	0.47	1.11	0.49	0.30	0.68	0.29	0.52	0.09
	2019-20	1.08	0.43	...	0.46	0.28	0.34	0.40	0.50	0.35	0.68	0.29	0.54	0.48
LPG	2020-21	-	0.44	-	0.35	0.46	-	0.26	0.06	0.35	-	0.21	0.59	0.07
	2019-20	-	0.39	-	0.34	0.28	-	0.28	0.36	0.33	-	0.24	0.36	0.47
Iron Ore	2020-21	0.00	1.11	0.74	1.03	...	-	0.00	-	0.52	0.21	-	-	0.05
	2019-20	0.00	1.04	N/A	0.93	...	-	0.00	-	0.59	0.90	-	-	0.32
Coking Coal	2020-21	0.00	0.64	0.78	0.55	0.26	-	0.90	-	0.21	0.42	-	-	0.05
	2019-20	0.63	0.65	N/A	0.73	0.19	-	0.00	-	0.30	0.35	-	-	2.78
Thermal Coal	2020-21	0.00	1.18	0.46	0.57	0.22	-	0.34	0.00	0.00	0.34	-	-	0.03
	2019-20	0.00	0.88	N/A	0.50	0.16	-	0.41	0.00	0.00	0.45	-	-	0.62
Fertilisers & FRM	2020-21	0.60	1.15	0.23	1.45	0.00	0.87	1.06	3.97	1.38	0.63	-	6.77	0.14
	2019-20	0.00	0.93	N/A	1.48	0.18	0.60	1.18	2.22	1.50	0.65	-	3.15	0.46
Other Dry Bulk	2020-21	0.06	0.82	0.46	0.97	0.36	0.78	0.64	0.29	0.20	0.33	0.19	2.01	0.05
	2019-20	1.72	0.67	N/A	0.85	0.22	0.55	0.76	0.42	0.42	0.51	0.16	2.54	0.46
Other Lqd. Bulk	2020-21	0.81	0.72	0.29	0.40	0.33	0.37	0.27	0.73	0.32	0.34	0.27	0.30	0.08
	2019-20	0.75	0.48	-	0.37	0.17	0.29	0.34	0.25	0.26	0.31	0.26	0.33	0.34
General Cargo	2020-21	1.74	1.33	0.45	1.07	0.17	0.84	0.72	0.64	0.58	0.64	0.15	1.09	0.20
	2019-20	1.74	1.06	N/A	0.97	0.19	0.72	1.22	1.05	0.60	0.61	0.12	1.25	0.48
Containers	2020-21	0.64	0.48	0.15	0.11	0.18	0.27	0.00	0.14	0.11	0.24	0.07	0.00	0.14
	2019-20	0.41	0.52	N/A	0.10	0.07	0.19	0.00	0.18	0.11	0.15	0.07	1.42	0.15
Total	2020-21	0.81	0.73	0.48	0.67	0.27	0.46	0.32	0.33	0.35	0.47	0.12	0.66	0.14
	2019-20	0.61	0.62	-	0.59	0.19	0.38	0.33	0.30	0.33	0.41	0.12	0.54	0.39

Source: Major Ports

Table 2.1.23

Commodity-wise Output per Ship Berth Day - 2019-20 & 2020-21

(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)	2020-21	-	12676	122928	65438	-	72472	-	142134	82937	-	42049	65466	99792
	2019-20	-	18456	125530	72539	-	76168	-	102074	77755	-	51496	68842	107012
POL(Product)	2020-21	3708	19515	21238	13474	19985	7657	5336	21796	24666	12881	12776	6281	19180
	2019-20	5697	20600	16793	13799	21441	8318	5189	18670	23656	10918	14196	12862	28753
LPG	2020-21	-	228	-	15110	30346	-	5273	63947	6569	0	956	6966	16285
	2019-20	-	16238	-	14770	24927	-	5420	69417	6349	0	9354	6104	13059
Iron Ore	2020-21	0	17281	29521	29142	-	-	0	0	24628	4744	-	0	9016
	2019-20	0	17425	-	39405	-	-	0	0	26399	15028	-	0	19066
Coking Coal	2020-21	0	18860	19970	23503	32138	-	19612	0	31333	20978	-	0	8889
	2019-20	3886	18386	-	20961	32868	-	0	0	9835	28013	-	0	18315
Thermal Coal	2020-21	0	16729	74697	24826	26239	-	19730	0	-	24510	-	0	13661
	2019-20	0	21734	-	25654	26786	-	19628	0	-	24042	-	0	20091
Fertilisers *	2020-21	660	8913	15045	8513	0	6366	11921	17150	9211	5125	-	2911	10107
	2019-20	0	10828	-	8976	8962	7880	13243	3367	9232	4753	-	3739	11903
Other Dry Bulk	2020-21	3209	19281	24260	11414	20540	14781	20163	7611	6215	17085	5612	7356	14001
	2019-20	2699	18946	-	14423	22709	12138	21110	8720	6407	17930	4270	9213	13112
Other Liquid Bulk	2020-21	6246	8313	4047	11086	3215	4913	5679	8112	7307	12696	8123	9904	8335
	2019-20	4777	8286	10781	10762	3045	5266	5475	9532	8646	12285	8509	8428	10904
General Cargo	2020-21	1143	4978	6400	3518	13956	2488	1710	3972	18719	6710	903	3853	3437
	2019-20	941	4349	-	3441	59887	4332	2630	2409	3427	5435	534	5460	4591
Containers	2020-21	7981	14072	10748	31541	39456	36569	38367	26754	8726	6146	37692	0	17910
	2019-20	7475	16075	10517	34761	72114	43320	39185	28930	8286	6766	39843	0	16596
Total	2020-21	8210	14243	30224	17238	23945	20331	19302	30915	19048	24305	27711	23659	10467
	2019-20	7174	15192	32001	20032	26581	20340	19334	31258	19140	19944	28296	25608	21109

* Fertiliser (FRM Dry included except KDS))

Source: Major Ports

Table 2.1.24**Average Pre-berthing Detention on Port & Non Port
Account -Major Port-wise -2019-20 & 2020-21****(In Days)**

Port	2019-20			2020-21		
	Total	Port A/c	Non-Port A/c	Total	Port A/c	Non-Port A/c
1	2	3	4	5	6	7
Kolkata Dock System	0.70	0.05	0.65	0.51	0.02	0.49
Haldia Dock Complex	2.96	1.00	1.95	2.71	0.13	2.58
Paradip	0.64	0.64	0.00	0.26	0.26	0.00
Visakhapatnam	0.05	0.05	0.00	0.05	0.05	0.00
Kamarajar	0.12	0.00	0.12	0.08	0.00	0.08
Chennai	0.00	0.00	0.00	0.00	0.00	0.00
V.O. Chidambaranar	0.65	0.12	0.53	0.50	0.14	0.36
Cochin	0.48	0.02	0.46	0.64	0.00	0.64
New Mangalore	1.26	0.56	0.70	1.09	0.52	0.57
Mormugao	1.21	0.06	1.15	1.26	0.11	1.14
J.L.Nehru	0.77	0.22	0.55	0.91	0.26	0.64
Mumbai	0.16	0.01	0.15	0.10	0.04	0.06
Deendayal	1.85	0.35	1.50	2.81	0.72	2.09
All Ports	0.95	0.29	0.66	1.04	0.23	0.81

Source: Major Ports

Tabel 2.1.25

Reason-wise, Major Port-wise Average Pre-berthing Detention - 2020-21

Sl. No.	Category Of Ships	No. Of Ships	Reason-wise average pre-berthing delay (in hrs.)								
			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	Total
1	2	3	4	5	6	7	8	9	10	11	12
SMP(Kolkata Dock System)											
1.	Container	677	0.53	-	0.16	-	-	3.29	-	9.74	13.72
2.	Break Bulk	163	-	-	0.15	-	-	2.20	-	6.02	8.37
3.	Dry Bulk(C)	79	-	-	-	-	-	0.22	-	0.25	0.47
4.	Liquid Bulk	108	0.25	-	-	-	-	1.05	-	16.50	17.80
Total		1027	0.38	-	0.02	-	-	2.65	-	9.13	12.18
SMP (Haldia Dock Complex)											
1.	Container	317	0.09	-	0.00	-	0.02	0.62	-	0.43	1.17
2.	Break Bulk	91	0.04	-	-	-	-	1.76	-	3.36	5.15
3.	Dry Bulk(M)	105	0.26	-	-	-	-	0.97	-	0.59	1.81
4.	Dry Bulk(C)	680	0.20	-	-	-	-	1.74	-	1.26	3.19
5.	Liquid Bulk	944	0.09	-	0.01	-	-	1.41	-	1.27	2.78
Total		2137	0.13	-	0.00	-	0.09	1.40	-	1.18	2.80
Paradip											
1.	Container	48	-	-	-	-	-	-	-	1.33	1.33
2.	Break Bulk	134	0.93	-	-	-	-	-	-	1.84	2.77
3.	Dry Bulk(M)	811	1.09	-	-	-	-	-	-	1.47	2.56
4.	Dry Bulk (C)	564	13.58	-	-	-	-	-	-	3.17	16.75
5.	Liquid Bulk	494	0.23	-	-	-	-	-	-	1.29	1.52
Total		2051	4.28	-	-	-	-	-	-	1.92	6.20
Visakhapatnam											
1.	Container	309	-	-	-	-	-	-	-	1.23	1.23
2.	Break Bulk	116	-	-	-	-	-	-	-	1.36	1.36
3.	Dry Bulk(M)	329	-	-	-	-	-	-	-	1.38	1.38
4.	Dry Bulk(C)	630	-	-	-	-	-	-	-	1.09	1.09
5.	Liquid Bulk	656	-	-	-	-	-	-	-	1.02	1.02
Total		2040	-	-	-	-	-	-	-	1.17	1.17

(M) Mechanised.

(C) Conventional.

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

Reason-wise, Major Port-wise Average Pre-berthing Detention - 2020-21

Sl. No.	Category Of Ships	No. Of Ships	Reason-wise average pre-berthing delay (in hrs.)								
			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	Total
1	2	3	4	5	6	7	8	9	10	11	12
Kamarajar*											
1.	Container	107	-	-	0.01	-	-	2.83	-		-
2.	Break Bulk	104	-	-	0.00	-	-	0.83	-	-	0.83
3.	Dry Bulk(M)	218		-	0.00	-	-	1.73	-	-	1.73
4.	Dry Bulk(C)	11	-	-	-	-	-	0.30	-	-	-
5.	Liquid Bulk	266	-	-	0.00	-	-	1.95	-	-	1.96
	Total	706	-	-	0.00	-	-	1.83	-	-	1.83
Chennai											
1.	Container	604	-	-	-	0.66	-	-	-	-	0.66
2.	Break Bulk	239	-	-	-	0.87	-	-	-	-	0.87
3.	Dry Bulk(M)	0	-	-	-	-	-	-	-	-	-
4.	Dry Bulk(C)	87	-	-	-	1.61	-	-	-	-	1.61
5.	Liquid Bulk	385	-	-	-	0.88	-	-	-	-	0.88
	Total	1315	-	-	-	0.82	-	-	-	-	0.82
V.O. Chidambaranar											
1.	Container	454	-	-	-	-	-	0.20	-	-	0.20
2.	Break Bulk	289	0.09	-	-	-	-	0.02	-	0.60	0.72
3.	Dry Bulk(M)	136	0.55	-	-	-	0.05	-	-	0.38	0.97
4.	Dry Bulk(C)	167	0.31	-	-	-	0.01	-	-	0.33	0.65
5.	Liquid Bulk	157	0.07	-	0.00	-	0.00	-	-	0.30	0.37
	Total	1203	0.14	-	0.00	0.00	0.01	0.08	-	0.27	0.50
Cochin											
1.	Container	563	-	-	-	-	-	7.90	-	1.39	9.29
2.	Break Bulk	23	-	-	-	-	-	3.42		1.41	4.83
3.	Dry Bulk(M)	98	-	-	-	-	-	1.82	3.78	1.89	7.49
4.	Dry Bulk(C)	7	-	-	-	-	-	0.61	-	0.91	1.52
5.	Liquid Bulk	406	-	-	-	-	-	15.50	8.82	1.96	26.29
	Total	1097	-	-	-	-	-	10.03	3.60	1.65	15.28

(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 - 2020-21

Sl. No.	Category Of Ships	No. Of Ships	Reason-wise average pre-berthing delay (in hrs.)								
			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	Total
1	2	3	4	5	6	7	8	9	10	11	12
New Mangalore											
1.	Container	179	0.13	-	-	-	-	0.09	-	0.26	0.47
2.	Break Bulk	98	1.35	-	-	-	-	3.28	0.30	0.51	5.43
3.	Dry Bulk(M)	164	6.65	-	-	-	-	3.15	-	1.20	10.99
4.	Dry Bulk(C)	74	2.59	-	-	-	-	1.62	-	0.27	4.49
5.	Liquid Bulk	722	19.49	-	-	-	-	20.91	-	0.76	41.16
	Total	1237	12.54	-	-	-	-	12.99	0.02	0.70	26.25
Mormugao											
1.	Container	36	0.69	-	-	-	-	0.37	-	4.10	5.16
2.	Break Bulk	71	12.38	-	-	-	-	35.80	-	23.70	71.87
3.	Dry Bulk(M)	133	0.00	-	-	-	-	82.73	-	2.05	84.78
4.	Dry Bulk(C)	126	0.74	-	-	-	-	3.39	-	0.23	4.36
5.	Liquid Bulk	78	2.87	-	-	-	-	0.59	1.40	1.81	6.67
	Total	444	2.75	-	-	-	-	22.01	0.34	5.12	30.22
J.L.Nehru											
1.	Container	1811	0.53	0.00	0.00	-	0.02	2.50	-	4.96	8.01
2.	Break Bulk	53	-	-	-	-	0.31	4.82	-	4.86	9.99
3.	Dry Bulk(M)	51	-	-	0.03	0.02	-	-	-	15.71	15.76
4.	Dry Bulk(C)	0	-	-	-	-	-	-	-	-	0.00
5.	Liquid Bulk	575	-	-	0.01	-	0.02	43.13	-	23.34	66.49
	Total	2490	0.38	0.00	0.00	0.00	0.02	1.82	-	9.42	11.66
Mumbai											
1.	Container	0	-	-	-	-	-	-	-	-	0.00
2.	Break Bulk	325	-	-	-	-	-	-	-	0.49	0.49
3.	Dry Bulk(C)	295	-	-	-	-	-	-	-	-	0.00
4.	Liquid Bulk	971	1.56	-	-	-	-	-	-	2.29	3.84
	Total	1591	0.95	-	-	-	-	-	-	1.50	2.45
Deendayal											
1.	Container	428	-	-	-	-	-	-	-	1.84	1.84
2.	Break Bulk	400	-	-	-	-	-	-	-	5.33	5.33
3.	Dry Bulk(M)	93	-	-	-	-	-	-	-	1.10	1.10
4.	Dry Bulk(C)	615	-	-	-	-	-	-	-	1.91	1.91
5.	Liquid Bulk	1497	-	-	-	-	-	-	-	2.88	2.88
	Total	3033	-	-	-	-	-	-	-	2.81	2.81

(M) Mechanised. (C) Conventional

Source: Major Ports

Table 2.1.26

Average Berth Occupancy For Major-Ports-2008-09 to 2020-21

Port	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
1	2	3	4	5	6	7	8	9	10	11	12	13	14
DEENDAYAL	66.9	72.0	69.7	70.5	73.6	72.4	75.0	71.2	71.2	71.4	77.9	69.1	76.7
MUMBAI	65.5	50.6	63.9	57.2	50.8	42.1	46.8	46.5	37.6	36.8	36.8	32.2	26.9
J.L. NEHRU	67.7	66.2	73.5	71.4	58.3	57.8	65.7	67.0	66.7	70.4	59.3	50.3	49.1
MORMUGAO	70.2	79.2	79.2	79.2	46.7	30.0	33.5	54.1	64.3	55.0	57.5	84.8	49.4
NEW MANGALORE	54.0	52.0	46.5	48.6	49.1	45.1	36.7	38.5	40.4	44.2	41.0	40.3	38.2
COCHIN	63.5	63.7	70.3	74.9	71.9	58.1	52.0	53.6	45.0	38.8	43.0	58.5	39.7
V.O. CHIDAMBARANA R	70.2	66.9	70.5	84.5	83.0	74.0	69.1	70.1	73.3	61.2	44.9	47.7	44.0
CHENNAI	67.3	63.8	63.6	62.5	57.4	49.5	52.0	48.3	50.6	53.8	53.1	44.6	35.9
KAMARAJAR	47.0	41.2	42.5	33.1	40.0	67.0	73.3	75.9	69.6	54.8	54.8	45.7	41.1
VISAKHAPATNAM	65.9	76.3	73.2	73.6	68.7	61.9	66.2	52.0	54.4	53.8	54.4	57.1	59.0
PARADIP	70.9	77.6	73.6	63.6	66.4	80.0	79.3	66.8	66.5	71.5	68.4	73.4	73.9
SMP (HALDIA DOCK COMPLEX)	83.6	81.2	78.6	70.6	68.0	68.5	65.5	72.9	68.9	73.4	67.4	66.5	69.7
SMP (KOLKATA DOCK SYSTEM)	57.3	70.8	68.3	64.2	64.8	62.0	60.7	59.7	61.2	71.7	71.4	68.9	36.2

Source:-Major Ports

Table 2.1.27

Performance of Cargo Handling Equipments of Major Ports -**2018-19, 2019-20 & 2020-21**

(In Percent)

Sl. No.	Name Of The Port	Equipment	2018-19		2019-20		2020-21	
			% Avail-ability	% Utili-sation	% Avail-ability	% Utili-sation	% Avail-ability	% Utili-sation
1	2	3	4	5	6	7	8	9
1.	Deendayal	Wharf Crane	67	34	-	-	30	30
		Mobile Crane	61	30	-	-	30	30
		Forklift Truck	95	35	-	-		
2.	Mumbai	Wharf Crane	81	6	73	11	92	23
		Mobile Crane	49	5	32	22	0	0
		Forklift Truck	63	10	72	16	65	1
3.	Mormugao	Wharf Crane	97	24	97	30	99	0
		Mobile Crane	93	3	90	10	77	4
		Forklift Truck	96	16	87	15	96	15
4.	N.Mangalore	Wharf Crane	-	-	89	54	90	37
		Mobile Crane	94	33	-	-	-	-
		Forklift Truck	98	3	97	3	97	3
5.	Cochin	Wharf Crane	-	-	-	-	-	-
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	94	26	93	34	95	48
6.	V.O. Chidambaranar	Wharf Crane	94	8	96	11	95	10
		Mobile Crane	-	-	-	-	99	23
		Forklift Truck	-	-	-	-	-	-
7.	Chennai	Wharf Crane	-	-	-	-	-	-
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	-	-	-	-	-	-
8.	Visakhapatnam	Wharf Crane	16	16	98	8	100	6
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	-	-	-	-	-	-
9.	Paradip	Wharf Crane	-	-	-	-	-	-
		Mobile Crane	95	95	79	79	64	64
		Forklift Truck	-	-	-	-	-	-
10.	SMP Kolkata Dock System	Wharf Crane	-	-	1	1	-	-
		Mobile Crane	-	-	6	6	-	-
		Forklift Truck	-	-	68	68	-	-
11	SMP Haldia Dock Complex	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 - 2019-20 & 2020-21

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)	2019-20	-	-	-	-	-	-	-	-
	2020-21	-	-	-	-	-	-	-	-
SMP (Haldia Dock Complex)	2019-20	-	-	-	-	4	91.3	23.4	21.4
	2020-21	-	-	-	-	4	96.8	16.4	15.8
Paradip	2019-20	-	-	-	-	3	76.0	29.0	22.0
	2020-21	-	-	-	-	3	74.3	2.6	0.0
Visakhapatnam	2019-20	6	90.0	44.0	39.0	10	95.0	59.0	56.0
	2020-21	6	91.0	45.5	41.4	10	94.1	60.5	56.9
Chennai	2019-20	7	92.0	37.0	34.0	97	97.0	37.0	36.0
	2020-21	7	97.0	43.0	40.0	22	97.0	44.0	43.0
V.O. Chidamabaranar	2019-20	3	79.0	30.0	24.0	8	88.0	20.0	18.0
	2020-21	3	88.0	60.0	52.0	9	94.0	64.0	60.0
Cochin	2019-20	4	93.9	52.2	49.0	15	96.1	68.4	65.8
	2020-21	4	93.5	57.5	53.7	15	96.7	62.7	60.6
New Mangalore	2019-20	-	-	-	-	-	-	-	-
	2020-21	-	-	-	-	-	-	-	-
Mormugao	2019-20	-	-	-	-	-	-	-	-
	2020-21	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2019-20	12	98.7	19.9	19.6	27	99.5	29.1	57.6
	2020-21	9*	97.6	33.8	33.0	27	98.9	28.1	27.8
Mumbai	2019-20	-	-	-	-	-	-	-	-
	2020-21	-	-	-	-	-	-	-	-
Deendayal	2019-20	2	99.7	7	6.86	2	99.9	-	-
	2020-21	4	95.6	72.0	68.9	4	93.9	63.8	63.8

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

* Due to high wind quay cranes (QC05 & QC09) were damaged and out of service from 16.00 hrs on 5th Aug 2020.

(a) Relates to JNPCTonly.

Table2.1.28
(Contd.)

Availability And Utilisation Of Container Handling Equipments - Major Ports - 2019-20 & 2020-21

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)	2019-20	1	-	-	-	1	-	-	-
	2020-21	1	-	-	-	1	-	-	-
SMP (Haldia Dock Complex)	2019-20	-	-	-	-	-	-	-	-
	2020-21	-	-	-	-	-	-	-	-
Paradip	2019-20	21	85	-	-	-	-	-	-
	2020-21	-	-	-	-	-	-	-	-
Visakhapatnam	2019-20	-	-	-	-	-	-	-	-
	2020-21	-	-	-	-	-	-	-	-
Chennai	2019-20	1	-	-	-	1	-	-	-
	2020-21	1	-	-	-	1	-	-	-
V.O. Chidamabaranar	2019-20	12	90.0	12.0	11.0	-	-	-	-
	2020-21	8	95.0	55.0	53.0	-	-	-	-
Cochin	2019-20	-	-	-	-	-	-	-	-
	2020-21	-	-	-	-	-	-	-	-
New Mangalore	2019-20	-	-	-	-	-	-	-	-
	2020-21	-	-	-	-	-	-	-	-
Mormugao	2019-20	-	-	-	-	-	-	-	-
	2020-21	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2019-20	-	-	-	-	-	-	-	-
	2020-21	-	-	-	-	-	-	-	-
Mumbai	2019-20	-	-	-	-	-	-	-	-
	2020-21	-	-	-	-	-	-	-	-
Deendayal	2019-20	-	-	-	-	-	-	-	-
	2020-21	30	-	-	-	-	-	-	-

(a) :Relates to JNPT only.

**Table 2.1.28
(Contd.)**

Availability And Utilisation Of Container Handling Equipments - Major Ports - 2019-20 & 2020-21

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)	2019-20	-	-	-	-	-	-	-	-
	2020-21	-	-	-	-	-	-	-	-
SMP (Haldia Dock Complex)	2019-20	2	96.9	49.5	48.0	-	-	-	-
	2020-21	2	98.4	48.3	47.6	-	-	-	-
Paradip	2019-20	-	-	-	-	-	-	-	-
	2020-21	-	-	-	-	-	-	-	-
Visakhapatnam	2019-20	-	-	-	-	1	99	7	7
	2020-21	-	-	-	-	1	99	7	7
Chennai	2019-20	-	-	-	-	-	-	-	-
	2020-21	-	-	-	-	-	-	-	-
V.O. Chidamabaranar	2019-20	-	-	-	-	-	-	-	-
	2020-21	-	-	-	-	-	-	-	-
Cochin	2019-20	-	-	-	-	-	-	-	-
	2020-21	-	-	-	-	-	-	-	-
New Mangalore	2019-20	-	-	-	-	-	-	-	-
	2020-21	-	-	-	-	-	-	-	-
Mormugao	2019-20	-	-	-	-	-	-	-	-
	2020-21	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2019-20	5	94.3	51.1	48.2	-	-	-	-
	2020-21	5	79.3	94.9	75.2	-	-	-	-
Mumbai	2019-20	-	-	-	-	-	-	-	-
	2020-21	-	-	-	-	-	-	-	-
Deendayal	2019-20	-	-	-	-	-	-	-	-
	2020-21	-	-	-	-	-	-	-	-

(a) :Relates to JNPCT.

Table 2.1.28
(Contd.)

Availability And Utilisation Of Container Handling Equipments - Major Ports - 2019-20 & 2020-21

PORT	Year	FLT/FEL				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)	2019-20	4	-	-	-	1	-	-	-
	2020-21	4	-	-	-	1	-	-	-
SMP (Haldia Dock Complex)	2019-20	-	-	-	-	-	-	-	-
	2020-21	-	-	-	-	-	-	-	-
Paradip	2019-20	7	87	-	-	-	-	-	-
	2020-21	-	-	-	-	7	77.3	0.62	0
Visakhapatnam	2019-20	2	-	-	-	5	90.0	55.0	50.0
	2020-21	2	-	-	-	6	79.2	75.0	59.4
Chennai	2019-20	4	-	-	-	1	-	-	-
	2020-21	5	-	-	-	1	-	-	-
V.O. Chidamabaranar	2019-20	-	-	-	-	-	-	-	-
	2020-21	-	-	-	-	2	97	9	8
Cochin	2019-20	-	98.8	33.1	32.7	2	97.9	32.6	32.9
	2020-21	3	98.8	49.5	48.9	2	98.7	25.2	24.8
New Mangalore	2019-20	-	-	-	-	5	95.8	36.6	35.1
	2020-21	-	-	-	-	5	91.5	37.0	33.8
Mormugao	2019-20	-	-	-	-	-	-	-	-
	2020-21	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2019-20	-	-	-	-	-	-	-	-
	2020-21	-	-	-	-	-	-	-	-
Mumbai	2019-20	-	-	-	-	-	-	-	-
	2020-21	-	-	-	-	-	-	-	-
Deendayal	2019-20	-	-	-	-	-	-	-	-
	2020-21	4	81.0	69.0	55.9	9	92.0	85.6	70.2

(a) Relates to JNPCT.

Source: Major Ports

Table 2.1.29

Container Handling Rate - Major Ports - 2019-20 & 2020-21

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)	2019-20	-	-	-	-	-	-	-	-	-
	2020-21	-	-	-	-	-	-	-	-	-
SMP (Haldia Dock Complex)	2019-20	-	-	-	41.8	12.4	21.3	73.4	4.8	18.2
	2020-21	-	-	-	39.4	13.1	21.7	80.1	5.4	27.0
Paradip	2019-20	-	-	-	-	-	-	7.9	22.5	24.5
	2020-21	-	-	-	-	-	-	10.1	26.0	26.5
Vishakhapatnam	2019-20	56.2	8.7	19.7	38.2	13.1	21.2	21.6	7.9	10.0
	2020-21	54.5	8.8	19.3	-	`	-	39.5	7.6	12.6
Chennai(CITL)	2019-20	0.0	23.4	23.4	-	`	-	0.0	13.0	13.0
	2020-21	0.0	26.9	26.9	-	`	-	0.0	13.6	13.6
V.O. Chidamabaranar	2019-20	1.0	20.8	21.1	-	-	-	0.8	13.9	14.0
	2020-21	1.0	22.2	22.4	-	-	-	0.6	14.4	14.5
Cochin	2019-20	104.0	28.7	28.7	-	-	-	52.0	10.1	10.1
	2020-21	21.5	26.5	33.8	-	-	-	47.7	9.3	17.8
New Mangalore	2019-20	-	`	-	`	-	-	-	-	-
	2020-21	-	`	-	`	-	-	-	-	-
Mormugao	2019-20	-	-	-	-	-	-	-	-	-
	2020-21	-	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2019-20	73.4	6.8	25.5	42.4	2.5	4.3	70.9	4.2	14.6
	2020-21	66.2	8.1	23.9	56.5	3.5	8.0	71.9	3.6	12.7
Mumbai	2019-20	-	`	-	-	-	-	-	-	-
	2020-21	-	`	-	-	-	-	-	-	-
Deendayal	2019-20	-	`	-	-	-	-	-	-	-
	2020-21	0.0	21.3	21.3	-	-	-	0.0	11.5	11.5
Kamarajar	2019-20									
	2020-21	26.7	20.0	27.0				0.0	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-idle time)

(a): Relates to JNPCT.

Source: Major Ports

Table 2.1.30

Major Ports-Capacity and Utilisation - 2020-21

(In Million Tonnes/Percentage)

Port	Capacity/Utilisation	POL (Crude & Products)	Iron Ore	Thermal Coal	Fertiliser & FRM	Other Cargo	Container	Total
1	2	3	4	5	6	7	8	9
SMP (KDS)	Cap.	0.00	0.00	0.00	0.00	0.00	0.00	31.57
	% Util.	-	-	-	-	-	-	50.36
SMP (HDC)	Cap.	0.00	0.00	0.00	0.00	0.00	0.00	51.00
	% Util.	-	-	-	-	-	-	89.15
PPT	Cap.	0.00	0.00	0.00	0.00	0.00	0.00	249.00
	% Util.	-	-	-	-	-	-	46.00
VPT	Cap.	0.00	0.00	0.00	0.00	0.00	0.00	134.18
	% Util.	-	-	-	-	-	-	52.05
KPL(a)	Cap.	0.00	0.00	0.00	0.00	0.00	0.00	91.00
	% Util.	-	-	-	-	-	-	28.45
ChPT	Cap.	0.00	0.00	0.00	0.00	0.00	0.00	135.00
	% Util.	-	-	-	-	-	-	32.26
VOC	Cap.	0.00	0.00	0.00	0.00	0.00	0.00	111.46
	% Util.	-	-	-	-	-	-	28.52
CoPT	Cap.	0.00	0.00	0.00	0.00	0.00	0.00	78.60
	% Util.	-	-	-	-	-	-	40.08
NMPT	Cap.	0.00	0.00	0.00	0.00	0.00	0.00	104.73
	% Util.	-	-	-	-	-	-	34.85
MoPT	Cap.	0.00	0.00	0.00	0.00	0.00	0.00	63.40
	% Util.	-	-	-	-	-	-	34.68
JNPT	Cap.	0.00	0.00	0.00	0.00	0.00	0.00	138.87
	% Util.	-	-	-	-	-	-	46.67
MbPT	Cap.	0.00	0.00	0.00	0.00	0.00	0.00	79.00
	% Util.	-	-	-	-	-	-	67.50
DPT	Cap.	0.00	0.00	0.00	0.00	0.00	0.00	267.10
	% Util.	-	-	-	-	-	-	44.02
ALL PORTS	Cap.	0.00	0.00	0.00	0.00	0.00	0.00	1534.91
	% Util.	-	-	-	-	-	-	43.83

Source : M/o Shipping & Major Ports.

Table 2.1.31**Employment At Major Ports (As on 31st March, 2021)**

(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
DPT	69	50	937	552	0	0	0	73	342	2023
MbPT	286	23	2661	1877	0	129	41	387	0	5404
JNPT	176	46	402	77	0	702	0	0	0	1403
MoPT(a)	81	73	734	180	0	242	98	0	0	1408
NMPT (b)	59	72	256	43	0	27	23	2	0	482
CoPT	96	86	867	71	0	99	27	0	0	1246
VOC	65	43	246	76	0	112	75	0	0	617
ChPT	97	87	1906	976	187	47	196	208	0	3704
KPL*	50	13	32	4	0	0	0	0	0	99
VPT	123	90	393	194	506	934	158	0	0	2398
PPT	100	54	370	61	0	1	37	0	16	639
SMP (KDS)	358	82	1074	358	0	111	15	204	0	2202
SMP (HDC)	160	53	57	127	69	414	188	0	0	1068
Total	1720	772	9935	4596	762	2818	858	874	358	22693

* Class I, II executives included, Class III & IV I

(a) Includes CHL, erstwhile MDLB

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

Source: Major Port

Table 2.1.32**Employment At Dock Labour Boards of Major Ports (As on 31st March, 2021)**

(In Numbers)

Port	Number of DLB Employees					Number of Dock Workers				Grand Total
	Class I	Class II	Class III	Class IV	Total	Regis-tered	Listed	Others	Total	
1	2	3	4	5	6	7	8	9	10	11
DPT	-	-	-	-	-	-	-	-	0	0
VPT	1	0	33	17	51	-	-	520	520	571
SMP (KDS)	2	8	13	0	23	43	0	0	43	66
MbPT	BDLB merged with Mumbai Port Trust									
All DLBs	3	8	46	17	74	43	0	520	563	637

Table 2.1.33

Mandays Employed and Mandays Lost at Major Ports : 2017-2021 (31st March)

Port	2017		2018		2019		2020		2021	
	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
DPT	1002	0.0	944	0.0	893	0.0	854	0.0	738	0.0
MbPT	3447	0.5	3150	0.0	2752	0.0	2347	0.0	1972	0.0
MoPT	584	0.0	631	0.0	589	0.0	554	0.0	514	0.0
NMPT	346	0.0	295	0.0	267	0.0	228	0.0	176	0.0
CoPT	691	2.6	629	0.0	575	1.0	509	1	455	0.0
VOC	365	0.0	320	0.0	283	0.0	252	0.0	225	0.0
KPL	38	0.0	38	0.0	39	0.0	37	0.0	36	0.0
ChPT	1678	0.0	1583	0.0	1506	0.0	1443	0.0	1352	1.0
VPT	1342	0.3	1283	0.0	1222	0.3	1150	0.0	1084	0.3
PPT	446	1.2	368	0.0	332	0.0	277	0.0	233	0.1
KDS	1250	0.0	1132	0.0	910	0.0	922	0.0	828	0.0
HDC	734	0.1	639	0.0	539	0.1	457	0.0	390	0.0
JNPT	589	0.0	572	0.0	555	0.8	538	0.0	512	0.0
TOTAL	12861	0.4	11581	0.0	10571	0.1	9567	0.7	8515	1.4

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 2020-21**

S.No.	Port	Capital Employed
1	2	3
1	DEENDAYAL	2913.50
2	MUMBAI	197.66
3	J. L. NEHRU	3770.32
4	MORMUGAO	523.26
5	NEW MANGALORE	821.50
6	COCHIN	-90.04
7	V.O.CHIDAMABARNAR	1317.62
8	CHENNAI	805.87
9	KAMARAJAR	2953.13
10	VISAKHAPATNAM	2156.80
11	PARADIP	2853.84
12	SMP HALDIA DOCK COMPLEX	3804.81
13	SMP KOLKATA DOCK SYSTEM	1912.67

Source: Major Ports

Table 2.1.35

Operating Expenditure Under Various Heads - Major Ports - 2019-20 & 2020-21

(Rs. Crore)

Port	Salaries & Wages		Stores		Office & Administrative Security & Medical		Depreciation		Operation & Maintenance		Other Exp		Total	
	2019-20	2020-21	2019-20	2020-21	2019-20	2020-21	2019-20	2020-21	2019-20	2020-21	2019-20	2020-21	2018-19	2020-21
1	3	3	5	5	7	7	9	9	11	11	13	13	14	15
SMP Kolkata	508.65 (30.9)	460.08 (27.9)	11.36 (.69)	9.34 (.57)	195.25 (11.85)	197.77 (11.98)	48.30 (2.93)	55.22 (3.34)	849.34 (51.55)	894.47 (54.16)	34.82 (2.11)	34.57 (2.09)	1647.72 (100.)	1651.45 (100.)
SMP HDC	210.72 (21.28)	189.57 (19.03)	9.38 (.95)	7.33 (.74)	77.40 (7.82)	84.73 (8.51)	26.73 (2.7)	32.82 (3.3)	643.85 (65.01)	661.29 (66.39)	22.28 (2.25)	20.29 (2.04)	990.36 (100.)	996.03 (100.)
Paradip	106.29 (15.94)	101.01 (14.92)	43.78 (6.56)	58.22 (8.6)	64.09 (9.61)	67.91 (10.03)	65.55 (9.83)	67.15 (9.92)	295.94 (44.37)	307.21 (45.37)	91.27 (13.69)	75.62 (11.17)	666.92 (100.)	677.12 (100.)
Visakhapatnam	323.86 (48.88)	346.20 (52.92)	52.20 (7.88)	47.99 (7.34)	87.07 (13.14)	86.25 (13.18)	63.45 (9.58)	51.81 (7.92)	108.26 (16.34)	110.79 (16.94)	27.70 (4.18)	11.12 (1.7)	662.54 (100.)	654.16 (100.)
Chennai	404.44 (69.95)	401.61 (72.06)	14.19 (2.45)	14.85 (2.66)	68.78 (11.9)	60.83 (10.91)	26.13 (4.52)	23.46 (4.21)	38.78 (6.71)	32.08 (5.76)	25.90 (4.48)	24.50 (4.4)	578.22 (100.)	557.33 (100.)
V.O.Chidambaranar	85.51 (33.64)	78.67 (34.52)	11.98 (4.71)	9.51 (4.17)	35.05 (13.79)	32.44 (14.23)	31.45 (12.37)	32.76 (14.38)	36.39 (14.32)	24.04 (10.55)	53.81 (21.17)	50.47 (22.15)	254.19 (100.)	227.89 (100.)
Cochin	150.34 (42.24)	143.15 (41.68)	16.09 (4.52)	21.95 (6.39)	28.82 (8.1)	23.92 (6.96)	18.67 (5.25)	20.29 (5.91)	115.19 (32.37)	108.75 (31.66)	26.78 (7.52)	25.38 (7.39)	355.89 (100.)	343.44 (100.)
New Mangalore	73.65 (26.99)	61.12 (23.36)	19.67 (7.21)	17.28 (6.6)	50.62 (18.55)	50.90 (19.45)	44.16 (16.18)	41.76 (15.96)	83.70 (30.68)	88.21 (33.71)	1.06 (.39)	2.42 (.92)	272.86 (100.)	261.69 (100.)
Mormugao	137.24 (55.72)	142.17 (56.57)	13.04 (5.29)	12.99 (5.17)	24.46 (9.93)	22.64 (9.01)	19.75 (8.0)	20.27 (8.1)	47.80 (19.41)	49.45 (19.68)	4.03 (1.64)	3.79 (1.51)	246.32 (100.)	251.31 (100.)
Mumbai	816.52 (67.72)	687.48 (61.27)	28.29 (2.35)	25.11 (2.24)	112.54 (9.33)	117.48 (10.47)	54.40 (4.51)	82.66 (7.37)	171.67 (14.24)	191.30 (17.05)	22.28 (1.85)	18.07 (1.61)	1205.70 (100.)	1122.10 (100.)
J. L. Nehru	233.46 (26.86)	256.04 (25.11)	11.81 (1.36)	7.65 (.75)	110.01 (12.66)	138.81 (13.62)	79.94 (9.2)	93.86 (9.21)	192.91 (22.2)	219.39 (21.52)	241.00 (27.73)	303.78 (29.8)	869.13 (100.)	1019.53 (100.)
Deendayal	261.10 (36.57)	264.54 (34.07)	4.60 (.64)	7.84 (1.01)	66.95 (9.38)	66.63 (8.58)	104.77 (14.67)	113.40 (14.6)	157.21 (22.02)	303.43 (39.08)	119.42 (16.72)	20.62 (2.66)	714.04 (100.)	776.46 (100.)
Kamarjar	19.84 (10.)	18.40 (8.12)	0.00 (.)	0.00 (.)	43.25 (21.8)	52.10 (23.)	52.13 (26.27)	84.99 (37.51)	81.05 (40.85)	68.93 (30.42)	2.16 (1.09)	2.15 (.95)	198.43 (100.)	226.57 (100.)
Total	3331.62 (38.46)	3150.04 (35.94)	236.39 (2.73)	240.06 (2.74)	964.29 (11.13)	1002.41 (11.44)	635.43 (7.34)	720.45 (8.22)	2822.09 (32.58)	3059.34 (34.9)	672.51 (7.76)	592.78 (6.76)	8662.32 (100.00)	8765.08 (100.00)

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

Source : Major Ports

Table 2.1.36

**Operating Financial Parameters Per Tonne Of Cargo
Handled at Major Ports : 2018-19, 2019-20 & 2020-21**

(Rs.)

Port	Operating Income			Operating Expenditure			Surplus/Deficit Per Tonne		
	2018-19	2019-20	2020-21	2018-19	2019-20	2020-21	2018-19	2019-20	2020-21
1	3	4	4	6	7	7	10	10	10
DEENDAYAL	143.63	140.89	146.13	61.13	58.21	66.05	82.50	82.68	80.08
MUMBAI	247.06	273.88	319.86	201.42	198.65	210.43	45.64	75.23	109.43
J. L. NEHRU	281.30	277.52	296.44	108.01	126.97	157.31	173.29	150.55	139.13
MORMUGAO	216.41	269.20	203.14	146.88	153.79	114.29	69.53	115.41	88.85
NEW MANGALORE	113.00	146.16	163.19	65.43	69.70	71.68	47.57	76.46	91.51
COCHIN	182.85	190.68	216.91	117.01	104.55	109.02	65.84	86.13	107.89
V.O.CHIDAMBARANAR	151.38	161.57	172.86	78.48	70.43	71.69	72.91	91.14	101.17
CHENNAI	152.62	168.43	182.38	106.26	123.66	127.97	46.36	44.77	54.42
KAMARAJAR	205.22	221.49	224.45	52.69	59.83	87.52	152.53	161.67	136.94
VISAKHAPATNAM	182.92	193.17	206.99	87.38	89.66	93.66	95.54	103.51	113.33
PARADIP	130.85	138.72	142.45	60.40	59.18	59.11	70.45	79.54	83.34
SMP (HALDIA DOCK COMPLEX)	357.44	347.62	397.51	224.45	209.19	216.72	132.99	138.44	180.80
SMP (KOLKATA DOCK SYSTEM)	502.69	1318.66	1525.82	343.01	927.31	1008.21	159.68	391.35	517.61
All Major Ports	197.42	225.38	242.41	107.26	121.79	129.42	90.16	103.58	112.98

Table 2.2.1

Traffic Handled at Non-Major Ports (State-wise & Port-wise) - 2018-19, 2019-20 & 2020-21

('000 Tonnes)

States/U.T.	2018-19						2019-20						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	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
GUJARAT																		
Bedi	649	697	1346	5	493	498	920	1067	1987	3	251	254	2140	1184	3324	0	110	110
Bhavnagar	2872	59	2931	0	190	190	2443	0	2443	29	0	29	2408	0	2408	5	0	5
Dahej	29964	769	30733	3069	253	3322	28798	225	29022	3249	230	3479	25755	306	26061	3142	314	3456
GAPL	91782	33453	125235	2543	2354	4897	94049	35703	129752	1677	892	2569	93497	41288	134785	2594	274	2868
GPPL	6771	3365	10136	122	129	251	7076	3033	10109	264	260	524	6980	2392	9372	451	457	908
Jafrabad	2067	1120	3187	0	2809	2809	2053	1007	3060	0	2905	2905	1054	1528	2582	407	2215	2622
Magdalla	12660	1495	14155	16079	2825	18904	12511	1709	14220	17324	2918	20242	9838	2005	11843	15575	1279	16854
Mul-Dwarka	617	0	617	52	2858	2910	694	0	694	178	2989	3167	505	0	505	6	2422	2429
Navalakhi	10413	1411	11823	32	0	32	9344	853	10197	50	0	50	7130	537	7667	50	0	50
Okha	2013	827	2840	22	1876	1898	2401	0	2401	0	1667	1667	1820	0	1820	121	1408	1530
Porbandar	1398	396	1794	0	77	77	1703	198	1901	0	114	114	1234	137	1371	0	87	87
Sikka	74150	41472	115622	2472	9997	12469	79955	43456	123411	979	9751	10730	73138	40336	113473	275	7676	7951
HPPL	4026	0	4026	0	0	0	4866	0	4866	0	0	0	3881	0	3881	0	0	0
Mundra (Old)	6	134	140	0	0	0	1	134	136	0	0	0	6	158	164	0	0	0
Jakhau	761	2423	3184	0	312	312	541	2381	2922	0	168	168	527	1622	2150	0	329	329
Salaya	1979	0	1979	0	0	0	5915	0	5915	0	0	0	3634	0	3634	0	0	0
Alang	1773	0	1773	0	0	0	1623	0	1623	0	0	0	1761	0	1761	0	0	0
AHPPL	13080	5312	18392	0	715	715	14809	5439	20248	318	668	986	15438	5737	21175	0	397	397
TOTAL	256981	92932.24	349913.07	24395.63	24888.299	49283.93	269702	95205	364907	24071	22813	46884	250746	97230	347976	22627	16969	39596
MAHARASHTRA																		
Dabhol	2655	0	2655	0	0	0	3779	0	3779	0	0	0	4526	0	4526	0	0	0
Dahanu	0	0	0	352	0	352	921	0	921	0	0	0	351	0	351	0	0	0
Dharamtar	4801	0	4801	11579	177	11756	5189	0	5189	12114	10	12124	4293	105	4397	12077	166	12243
Ratnagiri	435	0	435	164	0	164	472	0	472	147	0	147	420	0	420	157	0	157
Revdanda	885	60	945	425	128	553	1181	0	1181	442	171	613	511	0	511	391	133	524
Ulwa-Belapur	0	0	0	1596	158	1754	0	0	0	1711	71	1782	0	0	0	1303	32	1335
Jaigad	12321	570	12891	42	7502	7544	9744	736	10481	461	4483	4944	8478	1069	9548	40	4201	4241
Redi	0	498	498	0.75	0	1	0	1061	1061	0	0	0	0	1123	1123	0	0	0
Dighi (Rajpuri)	157	0	157	774	16	790	156	1	156	513	0	513	145	0	145	62	7	69
Kelshi	0	0	0	0	366	366	0	0	0	0	107	107	0	0	0	0	0	0
Trombay	0	0	0	2	2	4	0	0	0	0	1	1	0	0	0	0	5	5
Bankot	53.75	52.022	106	0	0	0	0	105	105	0	0	0	0	0	0	0	216	216
Bhiwandi	0	0	0	3	0	3	0	0	0	2	5	6	0	0	0	0	2	2
Vijaydurg	0	14	14	0	0	0	0	6	6	0	2	2	0	0	0	0	0	0
Satpati	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Karanja	0	0	0	0	0	0	0	0	0	25	0	25	0	0	0	15	0	15
Vasai	0	0	0	0	0	0	0	0	0	48	0	48	0	0	0	17	0	17
TOTAL	21307	1194	22501	14937	8348	23285	21442	1908	23350	15462	4849	20311	18724	2296	21021	14062	4761	18824
GOA																		
Panaji	0	0	0	2.711	12.128	14.839	0	0	0	0	8	8	0	0	0	0	35	35
TOTAL	0	0	0	3	12	15	0	0	0	0	8	8	0	0	0	0	35	35

Table 2.2.1

Traffic Handled at Non-Major Ports (State-wise & Port-wise) - 2018-19, 2019-20 & 2020-21

('000 Tonnes)

States/U.T.	2018-19						2019-20						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	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
ANDHRA PRADESH																		
Kakinada																		
Anchorage Port	0	1624	1624	0	22	22	0	1149	1149	0	19	19	0	2785	2785	0	36	36
Deep Water Port	11673	3069	14741	650	740	1390	10106	2767	12873	705	1789	2494	9796	4221	14017	754	408	1163
Rawa	0	0	0	0	816	816	0	0	0	0	736	736	0	0	0	633	0	633
Krishnapatnam	36415	8093	44509	9454	408	9862	28658	7363	36022	10463	1659	12122	24778	5602	30379	6804	999	7803
Gangavaram	25302	1984	27286	711	2373	3084	26806	5026	31832	147	2510	2657	23346	7113	30459	0	2361	2361
TOTAL	73390	14770	88160	10816	4358	15174	65571	16306	81876	11315	6714	18028	57920	19721	77641	8191	3804	11995
KARNATAKA																		
Karwar	349	156	504	413	28	442	569	26	596	251	14	265	363	264	626	123	0	123
Old Mangalore	0	0	0	2	96	98	0	0	0	1	74	74	0	0	0	0	35	36
Malpe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hangarkatta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kundapur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Belekeri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	349	156	504	416	124	540	569	26	596	252	88	339	363	264	626	123	35	159
KERALA																		
Kozikode/Beyepore	0	0	0	36	118	154	0	0	0	12	116	128	0	0	0	12	92	104
Kovalam/Vizhinjam	0	4	4	51	0	51	0	0	0	24	0	24	0	0	0	0	0	0
Azhikkal	2	0	2	5	1	6	1	0	1	1	0	1	0	0	0	4	0	4
Kollam	0	0	0	1	4	5	0	0	0	0	2	2	0	0	0	1	4	5
TOTAL	2	4	6	93	122	216	1	0	1	37	118	155	0	0	0	17	96	113
TAMIL NADU																		
Ennore	48	0	48	0	0	0	44	0	44	0	0	0	42	0	42	0	0	0
Kattupali	257	32	288	6	0	7	4254	6595	10849	36	41	77	1756	2060	3817	1181	2052	3233
Nagapattinam	43	0	43	0	290	290	36	0	36	4	44	48	41	0	41	0	0	0
Thukkadaiyur	0	0	0	2	0	2	0	0	0	32	0	32	0	0	0	8	0	8
Cuddalore	281	0	281	0	1	1	276	0	276	2	0	2	259	0	259	0	6	6
Kuddankulam	0	0	0	1	0	1	0	0	0	5	0	5	0	0	0	1	0	1
TOTAL	628	32	660	9	291	300	4611	6595	11206	78	85	164	2099	2060	4159	1189	2059	3248
PUDUCHERRY																		
Karaikal	6492	55	6547	1390	415	1805	7765	3	7768	1679	641	2319	5286	111	5397	1287	638	1926
Champlast sanmar	18	0	18	0	0	0	14	0	14	0	0	0	7	0	7	0	0	0
TOTAL	6510	55	6565	1390	415	1805	7778	3	7782	1679	641	2319	5292	111	5404	1287	638	1926
ODISHA																		
Dhamra	12764	3924	16688	0	3986	3986	18807	7553	26360	0	3350	3350	20871	8301	29172	0	3211	3211
Gopalpur	815	408	1223	193	96	288	2053	2891	4944	295	320	615	3102	7168	10270	212	167	380
TOTAL	13579	4332	17911	193	4082	4275	20860	10444	31304	295	3670	3965	23973	15469	39442	213	3378	3591
SEA ISLANDS																		
Andaman Nicobar	67	0	67	1106	321	1427	56	0	56	1454	340	1794	191	0	191	980	261	1241
Lakshadweep	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	108	8	116
TOTAL	67	0	67	1106	321	1427	56	0	56	1454	340	1794	191	0	191	1088	269	1357
All States TOTAL	372814	113474	486288	53358	42962	96321	390590	130487	521078	54642	39326	93969	359308	137152	496460	48798	32046	80844

Note : The cargo data of GACL, GPPL, HPPL & AHPL, include containers.

Source : State / UT Maritime Boards

Table 2.2.2

Traffic Handled at Non-Major Ports (State-wise & Principal Commodity-wise) - 2018-19, 2019-20 & 2020-21

	('000 Tonnes)																	
	2018-19						2019-20						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	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
GUJARAT																		
POL & other Products	119445	42053	161497	9882	15355	25237	126966	43638	170604	7351	12746	20097	94339	41709	136048	5813	9642	15455
Coal	75764	397	76161	76	535	611	77223	413	77636	84	254	338	64941	391	65332	28	55	83
Building Material	1189	1429	2618	1841	6077	7918	1332	1141	2473	1758	5977	7735	1981	2004	3985	1754	4926	6680
Fertiliser & FRM	7169	25	7194	0	0	0	7422	730	8152	0	0	0	9359	347	9706	0	0	0
Chemicals	0	112	112	71	20	91	0	0	0	0	0	0	0	0	0	0	0	0
Iron Ore	2261	496	2757	11145	117	11262	1248	384	1631	12963	402	13365	1624	85	1709	10525	196	10721
Iron & Steel	1118	969	2087	62	1950	2012	1113	559	1672	0	134	134	710	1615	2325	0	1006	1006
Other Ore	0	1085	1085	0	13	13	0	0	0	0	0	0	0	0	0	0	0	0
Foodgrains	16	151	167	0	0	0	440	114	554	0	0	0	242	249	491	0	0	0
Salt	0	4968	4968	0	104	104	0	4777	4777	0	64	64	0	3975	3975	0	0	0
Containers	37217	37523	74740	122	123	245	39367	39344	78711	264	260	524	45340	44647	89987	439	452	891
Others	12802	3725	16527	1197	594	1791	14592	4106	18697	1651	2976	4627	32717	1786	34503	3699	976	4675
Total	256981	92932	349913	24396	24888	49284	269702	95205	364907	24071	22813	46884	251253	96808	348061	22258	17253	39511
MAHARASHTRA																		
Iron Ore	4459	498	4957	7996	4700	12696	366	1061	1427	7557	564	8121	208	1123	1331	7902	206	8108
Iron & Steel	67	0	67	661	11	672	12	0	12	1282	18	1300	0	0	0	464	157	621
POL & other Products	2655	0	2655	0	0	0	3779	0	3779	0	0	0	138	0	138	40	0	40
Building Material	172	0	172	2010	148	2157	388	0	388	1965	56	2021	200	0	200	1560	25	1584
Coal	11708	60	11768	4027	2954	6981	14194	0	14194	4057	4002	8059	10875	0	10875	3995	4119	8114
Fertiliser & FRM	281	0	281	119	125	244	443	0	443	434	76	510	408	0	408	0	0	0
Chemicals	153	0	153	9	0	9	0	0	0	0	0	0	0	0	0	0	0	0
Containers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Others	1811	636	2447	115	410	525	2261	847	3108	168	134	301	6895	1174	8069	101	255	356
Total	21307	1194	22501	14937	8348	23286	21442	1908	23350	15462	4849	20311	18724	2296	21021	14062	4761	18824
GOA																		
Iron Ore	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	7	7
Containers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	3	12	15	0	0	0	0	6	6	0	0	0	0	29	29
Total	0	0	0	3	12	15	0	0	0	0	8	8	0	0	0	0	35	35

Table 2.2.2
(Contd...)

Traffic Handled at Non-Major Ports (State-wise & Principal Commodity-wise) - 2018-19, 2019-20 & 2020-21

('000 Tonnes)

Commodity	2018-19						2019-20						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	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
TAMIL NADU																		
POL & other Products	281	0	281	3	290	293	433	0	433	32	44	76	525	0	525	0	0	0
Edible Oil	43	0	43	0	0	0	36	0	36	4	0	4	41	0	41	0	0	0
Fertiliser & FRM	109	0	109	0	0	0	44	0	44	0	0	0	0	0	0	0	0	0
Iron & Steel	78	0	78	5	0.455	6	0	118	118	0	14	14	55	5	60	6	0	6
Containers	0	0	0	0	0	0	3693	6380	10073	35	25	60	1076	1845	2920	1173	2050	3223
Others	117	32	149	1	0	1	404	98	502	7	3	10	402	211	612	10	10	19
Total	628	32	660	9	291	300	4611	6595	11206	78	85	164	2099	2060	4159	1189	2059	3248
KERALA																		
POL & other Products	0	0	0	0	21	21	0	0	0	0	23	23	0	0	0	0	25	25
Containers	0	0	0	26	2	27	0	0	0	0	0	0	0	0	0	0	0	0
Others	2	4	6	68	100	168	1	0	1	37	95	132	0	0	0	17	71	88
Total	2	4	6	93	122	216	1	0	1	37	118	155	0	0	0	17	96	113
PUDUCHERRY																		
POL & Other Prdct	0	0	0	0	0	0	0	0	0	0	385	385	7	0	7	0	420	420
Bldg. Material	0	55	55	0	415	415	105	3	108	0	256	256	0	0	0	0	0	0
Coal	5334	0	5334	1005	0	1005	6456	0	6456	1406	0	1406	4286	0	4286	1224	0	1224
Fertiliser & FRM	350	0	350	0	0	0	295	0	295	0	0	0	436	0	436	0	0	0
Iron Ore	55	0	55	385	0	385	0	0	0	273	0	273	0	0	0	54	0	54
Containers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	772	0	772	0	0	0	922	0	922	0	0	0	564	111	675	9	218	227
Total	6510	55	6565	1390	415	1805	7778	3	7782	1679	641	2319	5292	111	5404	1287	638	1926
A & N ISLANDS																		
POL & other Products	11	0	11	190	2	192	11	0	11	187	1	188	0	0	0	144	3	147
Bldg. Material	0	0	0	219	111	329	0	0	0	466	123	590	7	0	7	303	59	362
Foodgrains	0	0	0	7	3	10	0	0	0	5	4	9	0	0	0	4	3	6
Containers	0	0	0	478	141	619	0	0	0	546	152	698	0	0	0	436	113	550
Others	56	0	56	212	65	277	45	0	45	250	60	309	185	0	185	92	84	176
Total	67	0	67	1106	321	1427	56	0	56	1454	340	1794	191	0	191	980	261	1241
LAKSHADWEEP																		
POL & other Products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	0	18
Building Material	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	0	40
Food grains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	3	35
Others	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	5	23
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	108	8	116
ANDHRA PRADESH																		
POL & other Products	2	6	8	573	816	1389	0	1	1	670	736	1406	0	0	0	1239	119	1359
Fertilisre & FRM	7486	0	7486	0	0	0	6131	0	6131	0	20	20	2315	0	2315	0	0	0
Edible Oil	1415	0	1415	0	0	0	2445	0	2445	0	0	0	2538	0	2538	7	6	13
Coal	45837	72	45909	9689	714	10403	44286	30	44316	9302	1417	10719	40271	31	40301	6083	155	6239
Bldg. Material	0	2113	2113	0	276	276	60	329	388	0	746	746	0	295	295	0	503	503
Chemicals	47	0	47	0	0	0	0	0	0	0	0	0	81	0	81	0	0	0
Iron ore	5282	445	5727	273	2130	2403	100	3523	3623	109	1689	1798	110	5192	5301	0	2361	2361
Food Grain	0	1624	1624	0	0	0	0	1149	1149	0	0	0	0	2998	2998	0	0	0
Containers	3216	5519	8735	12	87	100	2413	4453	6865	1179	1312	2491	2029	2522	4551	673	574	1247
Others	10105	4990	15095	268	336	603	10135	6822	16957	55	794	850	10577	8684	19261	188	85	273
Total	73390	14770	88160	10816	4358	15174	65571	16306	81876	11315	6714	18028	57920	19721	77641	8191	3804	11995

Table 2.2.2
(Contd...)

Traffic Handled at Non-Major Ports (State-wise & Principal Commodity-wise) - 2018-19, 2019-20 & 2020-21

Commodity	2018-19						2019-20						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	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
KARNATAKA																		
Fertiliser & FRM	49	0	49	0	0	0	54	0	54	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	1	0	1	163	0	163	0	0	0	156	0	156	0	0	0	0	0	0
Bldg. Material	0	0	0	0	44	44	0	0	0	0	33	33	0	0	0	0	19	19
Containers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	299	156	454	253	80	332	515	26	542	96	55	151	363	264	626	123	16	139
Total	349	156	504	416	124	540	569	26	596	252	88	339	363	264	626	123	35	159
ODISHA																		
Fertiliser & FRM	510	0	510	0	0	0	311	0	311	0	0	0	548	0	548	0	0	0
Iron ore	0	2881	2881	0	1698	1698	0	6884	6884	0	2844	2844	0	11068	11068	0	2329	2329
Coal	10698	0	10698	0	2226	2226	14625	0	14625	0	776	776	16338	0	16338	0	1049	1049
Containers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	2371	1451	3822	193	158	350	5924	3560	9484	295	49	344	7087	4401	11488	213	0	213
Total	13579	4332	17911	193	4082	4275	20860	10444	31304	295	3670	3965	23973	15469	39442	213	3378	3591
ALL STATES																		
POL & other Pdcts	122394.01	42059	164453	10812	16483	27295	131189	43639	174828	8395	13934	22330	95008	41709	136717	7255	10209	17464
Coal	149341	529	149870	14797	6429	21226	156784	443	157227	14849	6449	21297	136710	422	137132	11331	5378	16709
Building Material	1361	3597	4958	4070	7070	11140	1884	1473	3357	4189	7190	11380	2188	2299	4486	3657	5533	9189
Fertiliser & FRM	15955	25	15980	119	125	244	14699	730	15429	434	96	530	13066	347	13413	0	0	0
Chemicals	201	112	313	80	20	99.78	0	0	0	0	0	0	81	0	81	0	0	0
Iron Ore	12057	4320	16376	19799	8645	28444	1715	11851	13565	20901	5502	26403	1942	17468	19410	18481	5099	23580
Iron & Steel	1263	969	2232	728	1962	2690	1125	677	1802	1282	166	1448	765	1620	2385	470	1163	1633
Other Ore	0	1085	1085	0	13	13	0	0	0	0	0	0	0	0	0	0	0	0
Salt	0	4968	4968	0	104	104	0	4777	4777	0	64	64	0	3975	3975	0	0	0
Edible Oil	1458	0	1458	0	0	0	2481	0	2481	4	0	4	2580	0	2580	7	6	13
Foodgrains	16	1775	1791	7	3	10	440	1263	1703	5	4	9	242	3247	3489	35	6	41
Containers	40433	43042	83476	638	353	991	45472	50177	95649	2023	1749	3773	48445	49013	97458	2723	3189	5911
Others	28335	10994	39329	2308	1754	4063	34799	15459	50258	2560	4172	6732	58788	16630	75419	4470	1748	6218
Total	372814	113474	486288	53358	42962	96321	390590	130487	521078	54642	39326	93969	359815	136730	496545	48428	32330	80759

Source : States/UT Maritime Boards

Table 2.2.3

**Commodity-wise Overseas Cargo Traffic Handled At Select
Non-Major Ports - 2018-19, 2019-20 & 2020-21**

('000 Tonnes)

Port/Commodity	2018-19			2019-20			2020-21		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
GUJARAT									
1. Bedi	649	697	1346	920	1067	1987	2140	1184	3324
a)Others Ore	0	260	260	0	0	0	0	0	0
b)Fertilizers & FRM	578	17	595	544	653	1197	551	0	551
c)Salt	0	59	59	0	0	0	0	0	0
d)Coal	71	361	432	312	381	693	746	0	746
e)Others	0	0	0	64	33	97	843	1184	2026
2. Okha	2013	827	2840	2401	0	2401	1820	0	1820
b) Coal	981	0	981	1167	0	1167	880	0	880
c)Ore	0	825	825	0	0	0	0	0	0
d)Others	1032	2	1034	1234	0	1234	940	0	940
3. GAPT	91782	33453	125235	94049	35703	129752	93497	41288	134785
a)Edible Oil	823	0	823	884	0	884	751	0	751
b)Food grains	0	0	0	430	14	444	1	3	3
c)Iron & steel	886	281	1167	946	401	1347	596	385	981
d)POL&Other Products	22450	200	22650	21408	20	21428	17417	248	17665
e)Fertiliser&FRM	3067	5	3072	3801	0	3801	4466	7	4473
f)Coal	33550	36	33586	34311	32	34343	28625	0	28625
g)Iron Ore	413	438	851	0	329	329	0	55	55
h)Container	29116	30461	59577	31068	32206	63274	37462	37765	75227
i)Others	1477	2032	3509	1201	2701	3902	4180	2825	7005
4. Navalakhi	10413	1411	11823	9344	853	10197	7130	537	7667
a)Coal	10413	0	10413	9342	0	9342	7130	0	7130
b)Salt	0	1411	1411	0	853	853	0	537	537
c)Others	0	0	0	2	0	2	0	0	0
5. Mul-Dwarka	617	0	617	694	0	694	505	0	505
a)Building Material	160	0	160	0	0	0	0	0	0
b)Coal	457	0	457	392	0	392	505	0	505
c)Others	0	0	0	302	0	302	0	0	0
6. Sikka	74150	41472	115622	79955	43456	123411	73138	40336	113473
a)POL&Other Products	72927	41121	114048	78988	43378	122366	72193	40336	112529
b)Building Material	0	0	0	19	0	19	53	0	53
c)Coal	0	0	0	0	0	0	58	0	58
d)Others	1223	351	1574	948	78	1026	833	0	833
7. Magdalla	12660	1495	14155	12511	1709	14220	9838	2005	11843
a)POL&Other Products	0	31	31	76	0	76	0	0	0
b)Iron Ore	649	0	649	0	0	0	300	0	300
c)Iron & Steel	60	663	723	7	79	86	13	1195	1208
d)Coal	9884	0	9884	10143	0	10143	7404	0	7404
e)Others	2067	801	2868	2285	1630	3915	2121	810	2931
8. Jafarabad	2067	1120	3187	2053	1007	3060	1054	1528	2582
a)Coal	2067	0	2067	2053	0	2053	0	0	0
b)Building Material	0	1120	1120	0	1007	1007	0	984	984
c)Others	0	0	0	0	0	0	1054	545	1599
9. Dahej	29964	769	30733	28798	225	29022	25755	306	26061
a)POL&Other Products	19448	607	20054	20955	168	21123	3051	95	3146
b)Iron Ore	1199	58	1257	1248	55	1302	690	30	720
c)Fertiliser&FRM	741	0	741	293	0	293	268	0	268
d)Coal	7376	0	7376	4719	0	4719	4034	0	4034
e)Building Material	1029	0	1029	1205	0	1205	573	0	573
f)Others	172	104	276	379	2	381	17139	182	17320

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

**Commodity-wise Overseas Cargo Traffic Handled At Select
Non-Major Ports - 2018-19, 2019-20 & 2020-21**

('000 Tonnes)

Port/Commodity	2018-19			2019-20			2020-21		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
10. GPPL	6771	3365	10136	7076	3033	10109	6980	2392	9372
a)POL&Other Products	451	93	544	576	72	648	205	29	234
b)Coal	541	0	541	590	0	590	857	0	857
c)Fertiliser&FRM	1420	3	1423	1394	0	1394	1746	0	1746
d)Container	4237	3174	7411	4014	2895	6909	3273	2265	5538
e)Others	122	95	217	502	66	568	899	97	996
MAHARASHTRA									
1. Revdanda	885	60	945	1181	0	1181	511	0	511
a)Iron Ore	0	0	0	0	0	0	0	0	0
b)Coal	885	60	945	1161	0	1161	501	0	501
c) Others	0	0	0	20	0	20	10	0	10
2. Ratnagiri	435	0	435	472	0	472	420	0	420
a) Chemicals	0	0	0	0	0	0	0	0	0
b) Coal	174	0	174	169	0	169	166	0	166
c) Others	260	0	260	303	0	303	254	0	254
3) Dharamtar	4801	0	4801	5189	0	5189	4293	105	4397
a) Iron ore	0	0	0	0	0	0	0	0	0
b) Coal	3072	0	3072	3031	0	3031	2354	0	2354
c)Iron&Steel	60	0	60	0	0	0	0	0	0
d)Fertiliser&FRM	0	0	0	0	0	0	0	0	0
e)Others	1670	0	1670	2158	0	2158	1939	105	2044
4) Dahanu	0	0	0	921	0	921	351	0	351
a) Coal	0	0	0	921	0	921	351	0	351
5)Dabhol	2655	0	2655	3779	0	3779	4526	0	4526
a)POL&Other Products	2655	0	2655	3779	0	3779	0	0	0
b)Others	0	0	0	0	0	0	4526	0	0
KARNATAKA									
1. Karwar	349	156	504	569	26	596	363	264	626
a)Fertilizer &FRM	49	0	49	54	0	0	0	0	0
b)POL&Other Products	1	0	1	0	0	0	0	0	0
c)Others	299	156	454	515	26	0	363	264	626
2.Belkeri	0	0	0	0	0	0	0	0	0
a)Others	0	0	0	0	0	0	0	0	0
KERALA									
1.Kozikode/Beyppore	0	0	0	0	0	0	0	0	0
a)Others	0	0	0	0	0	0	0	0	0
2.Kovalam-Vizhinjam	0	4	4	0	0	0	0	0	0
a)Others	0	4	4	0	0	0	0	0	0
TAMILNADU									
1. Ennore	48	0	48	44	0	44	42	0	42
a)Fertiliser&FRM	0	0	0	44	0	44	0	0	0
b)Others	48	0	48	0	0	0	42	0	42
2, Nagapattinam	43	0	43	36	0	36	41	0	41
a)Edible Oil	43	0	43	36	0	36	41	0	41
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 - 2018-19, 2019-20 & 2020-21**

('000 Tonnes)

Port/Commodity	2018-19			2019-20			2020-21		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
3. Cuddalore	281	0	281	276	0	276	259	0	259
a)POL&Other Products	281	0	281	276	0	276	259	0	259
b)Others	0	0	0	0	0	0	0	0	0
GOA									
Panaji	0	0	0	0	0	0	0	0	0
a) Iron ore	0	0	0	0	0	0	0	0	0
b) Coal	0	0	0	0	0	0	0	0	0
ANDHRA PRADESH									
1. Kakinada Anchorage Poi	0	1624	1624	0	1149	1149	0	2785	2785
a)Foodgrain	0	1624	1624	0	1149	1149	0	2785	2785
b)Fertiliser &FRM	0	0	0	0	0	0	0	0	0
c)Others	0	0	0	0	0	0	0	0	0
2. Kakinada Deep Water Po	11673	3069	14741	10106	2767	12873	9796	4221	14017
a)Fertiliser &FRM	4964	0	4964	3857	0	3857	0	0	0
b)Edible Oil	914	0	914	959	0	959	934	0	934
c)POL&Other Products	2	6	8	0	1	1	0	0	0
d)Iron ore	0	0	0	0	0	0	0	356	356
e)Coal	3360	72	3432	3084	0	3084	4406	0	4406
d)Building Material	0	26	26	60	45	105	0	0	0
g)Container	3	195	198	7	146	153	8	185	193
e)Others	2430	2769	5199	2140	2575	4715	4449	3680	8129
3. Krishnapatinam	36415	8093	44509	28658	7363	36022	24778	5602	30379
a)Fertiliser &FRM	1559	0	1559	1242	0	1242	1349	0	1349
b) Iron ore	5227	0	5227	48	335	383	55	177	231
c) Coal	24092	0	24092	21279	0	21279	19087	31	19118
d)Building Material	0	695	695	0	283	283	0	295	295
g)Container	3213	5324	8538	2406	4306	6712	2021	2337	4358
e)Others	2323	2074	4397	3684	2439	6123	2266	2763	5029
4. Gangavaram	25302	1984	27286	26806	5026	31832	23346	7113	30459
a)Fertiliser &FRM	962	0	962	1033	0	1033	966	0	966
b) Iron ore	55	445	500	52	3188	3240	55	4659	4714
c) Coal	18385	0	18385	19923	30	19953	16778	0	16778
d)Others	5900	1539	7439	5798	1808	7606	5547	2454	8001
PUDUCHERRY									
Karaikal	6510	55	6565	7765	3	7768	10571	111	10683
a))Building Material	0	55	55	105	3	108	0	0	0
b)Coal	5334	0	5334	6456	0	6456	4286	0	4286
c)Fertiliser &FRM	350	0	350	295	0	295	436	0	436
d)POL&Other Products	0	0	0	0	0	0	0	0	0
e) Iron ore	55	0	55	0	0	0	0	0	0
f)Salt	0	0	0	0	0	0	0	0	0
g)Others	772	0	772	908	0	908	5849	111	5961
ODISHA									
Gopalpur	815	408	1223	2053	2891	4944	3102	7168	10270
a)Fertiliser &FRM	0	0	0	0	0	0	0	0	0
b) Iron ore	0	216	216	0	2640	2640	0	6664	6664
c) Coal	69	0	69	354	0	354	727	0	727
d)Others	746	192	939	1698	251	1949	2375	505	2880
Dhamra	12764	3924	16688	18807	7553	26360	20871	8301	29172
a) Iron ore	0	2665	2665	0	4244	4244	0	4405	4405
b) Coal	10629	0	10629	14271	0	14271	15611	0	15611
c)Others	2135	1259	3394	4537	3309	7846	5260	3896	9156

Source : State / UT Maritime Boards

Table 2.2.4

**Commodity-wise Coastal Cargo Traffic Handled At Select
Non-Major Ports - 2018-19, 2019-20 & 2020-21**

('000 Tonnes)

Port/Commodity	2018-19			2019-20			2020-21		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
GUJARAT									
1.Bedi	0	493	493	3	251	254	0	110	110
a)Coal	0	493	493	0	251	251	0	55	55
b)Others	0	0	0	3	0	3	0	55	55
2.Okha	22	1876	1898	0	1667	1667	121	1408	1530
a)POL&Other Products	10	1859	1869	0	1579	1579	0	1243	1243
b) Other Ores	0	13	13	0	0	0	0	0	0
c)Coal	12	4	16	0	3	3	0	0	0
d) Others	0	0	0	0	85	85	121	165	286
3.GAPL	2543	2354	4897	1677	892	2569	2594	274	2868
a)POL&Other Products	2319	1885	4204	1331	311	1642	2396	32	2428
b)Coal	0	38	38	0	0	0	0	0	0
c) Iron Ore	160	0	160	335	0	335	105	0	105
d)Others	64	431	495	11	581	592	93	243	336
4.Navlakhi	32	0	32	50	0	50	50	0	50
a)Building Material	32	0	32	50	0	50	50	0	50
b)Others	0	0	0	0	0	0	0	0	0
5.Mul-Dwarka	52	2858	2910	178	2989	3167	6	2422	2429
a)Building Material	2	2858	2860	123	2801	2924	0	2422	2422
b)Coal	50	0	50	55	0	55	6	0	6
c)Others	0	0	0	0	188	188	0	0	0
6.Sikka	2472	9997	12469	979	9751	10730	275	7676	7951
a) POL&Other Products	2471	9893	12364	946	9656	10602	275	7655	7930
b) Salt	0	104	104	0	64	64	0	0	0
c) Others	1	0	1	33	31	64	0	21	21
7.Magdalla	16079	2825	18904	17324	2918	20242	15575	1279	16854
a) POL&Other Products	2013	745	2758	1825	506	2331	0	0	0
b)Building Material	1803	0	1803	1585	0	1585	1396	0	1396
c) Iron Ore	10985	117	11102	12628	402	13030	11042	176	11218
d) Iron & Steel	2	1860	1862	0	33	33	0	985	985
e) Others	1276	103	1379	1286	1977	3263	3137	117	3254
8.Jafarabad	0	2809	2809	0	2905	2905	0	2905	2905
a)Building Material	0	2809	2809	0	2905	2905	307	2199	2506
9.Dahej	3069	253	3322	3249	230	3479	3142	314	3456
a) POL&Other Products	3069	252	3321	3249	230	3479	3142	314	3456
b)Others	0	1	0	0	0	0	0	0	0
10.GPPL	122	129	251	264	260	524	451	457	908
a) POL&Other Products	0	6	6	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	122	123	245	264	260	524	439	452	891
e)Others	0	0	0	0	0	0	12	5	17
GOA									
1. Panaji	3	12	15	0	8	8	0	35	35
a) Iron ore	0	0	0	0	2	2	0	7	7
b) Others	3	12	15	0	6	6	0	29	29

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

**Commodity-wise Coastal Cargo Traffic Handled At Select
Non-Major Ports - 2018-19, 2019-20 & 2020-21**

('000 Tonnes)

Port/Commodity	2018-19			2019-20			2020-21		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
MAHARASHTRA									
1.Ratnagiri	164	0	164	147	0	147	157	0	157
a)Building Material	147	0	147	147	0	147	157	0	157
b) Others	16	0	16	0	0	0	0	0	0
2.Dharamtar	11579	177	11756	12114	10	12124	12077	166	12243
a) Iron Ore	7570	16	7586	7114	4	7118	454	147	601
b)Building Material	268	0	268	109	0	109	95	0	95
c)Coal	2880	141	3020	3966	6	3972	3995	0	3995
d) Others	862	20	882	926	0	926	7533	18	7551
3. Revdanda	425	121	546	442	171	613	391	133	524
a) Iron Ore	425	121	546	442	152	595	390	124	513
b) Iron & Steel	0	0	0	0	18	18	0	9	9
c) Others	0	0	0	0	0	0	1	0	1
4. Ulwa-Belapur	1596	158	1754	1711	71	1782	1303	32	1335
a)Building Material	1595	148	1742	1710	56	1766	1303	25	1328
b) Others	1	10	11	1	15	16	0	7	7
5.Dabhol	0	0	0	0	0	0	0	0	0
a) Iron & Steel	0	0	0	0	0	0	0	0	0
b) Others	0	0	0	0	0	0	0	0	0
6.Dahanu	352	0	352	0	0	0	0	0	0
a)Coal	352	0	352	0	0	0	0	0	0
ODISHA									
1. Dhamra	0	3986	3986	0	3350	3350	0	3211	3211
a) Coal	0	2226	2226	0	776	776	0	1049	1049
b) Iron Ore	0	1698	1698	0	2574	2574	0	2162	2162
c)Other	0	62	62	0	0	0	0	0	0
2.Gopalpur	193	96	288	295	320	615	212	167	380
a) Iron Ore	0	0	0	0	271	271	0	167	167
b)Salt	133	0	133	120	0	120	62	0	62
c)Others	60	96	155	175	49	224	151	0	151
KERALA									
1.Kozikoda/ Beypore	36	97	133	12	116	127	12	92	104
a)POL&other Products	0	0	0	0	23	23	0	25	25
b)Building material	0	4	4	0	2	2	0	0	0
c)Foodgrains	0	0	0	0	0	0	0	0	0
d)Others	36	93	129	12	91	102	12	68	79
2)Kovlam-Vizanjam	51	0	51	24	0	24	0	0	0
a)Others	51	0	51	24	0	24	0	0	0
ANDHRA PRADESH									
1.Rawa Port	0	816	816	0	736	736	633	0	633
a)Crude Oil	0	816	816	0	736	736	633	0	633
2.Kakinada Anchorage Port	0	22	22	0	19	19	0	36	36
a)Building material	0	22	22	0	19	19	0	36	36
b)Others	0	0	0	0	0	0	0	0	0
3.Kakinada Deep Water	650	740	1390	705	1789	2494	754	408	1163
a)POL&other Products	573	0	573	670	0	670	606	119	726
b)Chemical	0	0	0	0	0	0	0	0	0
c)Coal	28	652	679	0	1390	1390	0	131	131
d)Container	12	87	100	6	101	106	1	76	78
e)Other	37	1	38	30	299	329	146	82	228
4.Gangavaram	711	2373	3084	147	2510	2657	0	2361	2361
a)Iron Ore	273	1984	2257	109	1689	1798	0	2361	2361
b)Coal	208	54	262	38	27	65	0	0	0
c)Other	230	335	565	0	794	794	0	0	0

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

**Commodity-wise Coastal Cargo Traffic Handled At Select
Non-Major Ports - 2018-19, 2019-20 & 2020-21**

('000 Tonnes)

Port/Commodity	2018-19			2019-20			2020-21		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
5.Krishnapatinam	9454	408	9862	10463	1659	12122	6804	999	7803
a)POL&other Products	0	0	0	0	0	0	0	0	0
b)Coal	9453	8	9461	9264	0	9264	6083	25	6108
c)Iron Ore	0	146	146	0	0	0	0	0	0
d)Building Material	0	254	254	0	448	448	0	468	468
e)Container	0	0	0	1173	1211	2384	672	497	1169
f)Other	1	0	1	26	0	26	49	9	58
TAMIL NADU									
1.Nagapattinam	0	290	290	4	44	48	0	0	0
a)POL&other Products	0	290	290	0	44	44	0	0	0
b)Others	0	0	0	4	0	4	0	0	0
2.Thirukkadaiyur	2	0	2	32	0	32	8	0	8
a)POL&other Products	2	0	2	32	0	32	0	0	0
b)Others	0	0	0	0	0	0	8	0	8
KARNATAKA									
1.Karwar	413	28	442	251	14	265	123	0	123
a)POL&other Products	163	0	163	156	0	156	0	0	0
b)Salt	0	0	0	0	0	0	0	0	0
c)Others	250	28	278	96	14	109	123	0	123
2.Mangalore	2	96	98	1	74	74	0	35	36
a)Building Material	0	53	53	0	33	33	0	19	19
b)Others	2	43	45	1	41	42	0	16	16
PUDUCHERRY									
			0			0			0
1)Karaikal	1390	415	1805	1679	641	2319	2575	1277	3852
a)POL&Other Products	0	0	0	0	385	385	0	420	420
b) Iron ore	385	0	385	273	0	273	54	0	54
c)Building Material	0	415	415	0	256	256	0	0	0
d)Coal	1005	0	1005	1406	0	1406	1224	0	1224
e)Others	0	0	0	0	0	0	1296	856	2153
ANDAMAN & NICOBAR									
1106	321	1427	1454	340	1794	980	261	1241	
a)Building Material	219	111	329	466	123	590	303	59	362
b)POL&Other Products	190	2	192	187	1	188	144	3	147
c)Foodgrains	7	3	10	5	4	9	4	3	6
d) Iron & steel	34	3	37	16	2	18	10	1	11
e)Container	478	141	619	546	152	698	436	113	550
f)Others	178	62	240	234	58	292	82	82	165
Lakshadweep									
a)Building Material	-	-	-	-	-	-	108	8	116
b)POL&Other Products	-	-	-	-	-	-	18	0	18
c)Foodgrains	-	-	-	-	-	-	40	0	40
d)Others	-	-	-	-	-	-	32	3	35
	-	-	-	-	-	-	18	5	23

Source : State / UT Maritime Boards

: In building material include, cement & clinker

Table 2.2.5

Manpower Employment At Non-Major Ports - 2020-21

(In No.)

States/UTs	Officers		Regular Workers		Casual Workers
	Sanctioned	Actual	Sanctioned	Actual	
1	2	3	4	5	6
Gujarat	273	146	1424	657	294
Maharashtra	60	42	56	42	108
Goa	12	5	165	120	0
Daman & Diu	1	0	12	5	2
Karnataka *	232	50	-	-	0
Kerala	90	75	199	199	29
Tamil Nadu	46	16	86	22	6
Puducherry	158	153	162	113	1
Andhra Pradesh**	965	964	6479	6523	4325
Andaman & Nicobar Islands	80	67	378	212	19
Odisha	283	283	251	251	8418
Lakshadweep	0	0	0	0	0
Total	2200	1801	9212	8144	13202

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

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

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

Source : State / UT Maritime Boards

Table 2.2.6

Physical Performance of Non-Major Ports (2019-20 & 2020-21)

Maritime State/U.Ts./Port	No.of Vessels Left		Turn Round Time (in Days)	
	2019-20	2020-21	2019-20	2020-21
1	2	3	4	5
GUJARAT				
GUJARAT	12536	11500	N A	N A
MAHARASHTRA				
Bandra Group	16	6	N A	NIL
Mora Group	1380	220	1.2	NIL
Rajpuri Group	332	288	N.A	NIL
Ratnagiri Group	1096	1010	0.94	NIL
Vengurla Group	13	24	8.0	NIL
KARNATAKA				
Karwar	146	128	3.0	3.0
Malpe	-	-	-	-
Hangakatta	-	-	-	-
Mangalore	615	389	2-3	2.0
Kundapur	-	-	-	-
TAMIL NADU				
Nagapattinam	30	11	-	-
Cuddalore (Chemplast Jetty)	35	33	2.9	2.0
Ennore	10	10	2.0	2.0
Kattupalli	435	429	1-3	1-3
Kundakulam	-	6	-	-
GOA				
Panaji	108	83	N.A	N.A
ANDHRA PRADESH				
Kakinada(Sea Port)	751	762	2.2	0.3
Kakinada(Anchorage)	61	118	N.A	N.A
Rawa	13	16	-	-
Krishnapatinam	1322	1110	2.7	14.0
Gangavaram	519	495	3-5	0.3
KERALA				
Kozhikode/Bey pore	471	-	2.0	-
Koavalam/Vizhinjam	-	-	-	-
Kollam	17	2	2.0	4.9
Azhikkal	8	1	2.0	2.0
ODISHA				
Dhamra	495	871	7.4	2.9
Gopalpur	132	226	9.4	5.9
PUDUCHERRY				
Karaikal	212	129	3.8	-
Chemplast	6	2	6.0	-
Puducherry	-	-	-	-
ANDAMAN & NICOBAR				
	19832	6808	*	*

* Container vessel 1 -2 days, Cargo vessel 2 -3 days. POL/LPG Tanker 1 -2 days . Passenger cum cargo vessel 3 -4 days

Source : State / UT Maritime Boards

SECTION – II

3. TIME SERIES STATISTICS

3.1 ALL PORTS

3.2 MAJOR PORTS

3.3 NON-MAJOR PORTS

Table 3.1.1

Trend in Cargo Traffic Handled At Indian Ports

(In Million Tonnes)

Ports/ Years	Overseas			Coastal			Overseas & Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
MAJOR PORTS									
2001-02	130.12	76.77	206.89	47.03	33.66	80.69	177.15	110.43	287.58
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
NON-MAJOR PORTS									
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
ALL PORTS									
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

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	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
1	2	3	4	5	6	7	8	9	10	11	12	13
GUJARAT	285083	312787	341551	381436	396950	428592	439236	451181	480868	514598	534398	505138
Deendayal	79500	81880	82501	93619	87005	92497	99458	105442	110099	115401	122607	117566
Other Ports	205583	230907	259050	287817	309945	336095	339778	345739	370769	399197	411791	387572
Overseas	242187	269049	293675	332241	360005	388120	397416	405611	427913	452584	470752	450475
Coastal	42896	43738	47876	49195	36945	40472	41820	45570	52955	62014	63646	54663
Loaded	78063	98045	105648	114966	106602	119328	121522	124516	138375	147946	151922	149348
Unloaded	207020	214742	235903	266470	290348	309264	317714	326665	342493	366652	382476	355790
MAHARASHTRA	127350	133778	141863	146724	146181	152756	153995	160174	166812	177126	172806	157977
Mumbai	54541	54586	56186	58038	59184	61660	61119	63129	62902	60634	60696	53324
J.L.Nehru	60763	64317	65730	64488	62333	63801	64027	62151	66004	70706	68449	64809
Other Ports	12046	14875	19947	24198	24664	27295	28849	34894	37906	45786	43661	39844
Overseas	97925	105071	115242	119426	115954	116691	123351	118068	115790	122108	121913	110707
Coastal	29425	28707	26621	27298	30227	36065	30644	42106	51022	55019	50893	47270
Loaded	37079	41536	44571	44819	42718	42112	40086	41570	42453	47838	43168	54003
Unloaded	90271	92242	97292	101905	103463	110644	113909	118604	124359	129289	129638	103974
GOA	62744	64641	53519	21127	12023	15471	21206	33298	26969	17698	16025	22023
Mormugao	48847	50060	39049	17738	11739	14711	20776	33181	26897	17683	16017	21988
Other Ports	13897	14581	14470	3389	284	760	430	117	72	15	8	35
Overseas	61196	63404	52384	20373	11298	14250	20105	32137	25176	14882	14455	20578
Coastal	1548	1237	1135	754	725	1221	1101	1161	1793	2816	1570	1445
Loaded	54634	55328	44222	11944	2334	3677	5667	17435	12510	4377	3154	9497
Unloaded	8110	9313	9297	9183	9689	11794	15539	15863	14459	13321	12871	12526

Table 3.1.2
(Contd...)

Cargo Traffic Handled At Indian Ports - By State

(In '000 Tonnes)

Port/State/Type of Traffic	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
1	2	3	4	5	6	7	8	9	10	11	12	13
KARNATAKA	44075	34645	33533	37646	39874	37217	36417	40643	42739	43552	40080	37285
New Mangalore	35528	31550	32941	37036	39365	36566	35582	39936	42059	42508	39145	36500
Other Ports	8547	3095	592	610	509	651	835	707	680	1044	935	785
Overseas	36790	27684	27462	31261	33849	32108	30988	32090	32170	35252	29703	26454
Coastal	7285	6991	6071	6385	6025	5109	5429	8553	10569	8301	10376	10831
Loaded	22215	13094	9682	10028	10230	8543	7979	9003	9896	9993	9998	8909
Unloaded	21860	21251	23851	27618	29644	28674	28438	31640	32843	33560	30081	28376
KERALA	17548	17997	20194	19941	20976	21754	22239	25148	29281	32243	34194	31616
Cochin	17429	17873	20090	19845	20886	21595	22095	25007	29143	32021	34038	31503
Other Ports	119	124	104	96	90	159	144	141	138	222	156	113
Overseas	11898	13159	13306	13236	13110	14740	14784	17944	20492	21084	22940	20403
Coastal	5650	4838	6888	6705	7866	7014	7455	7204	8789	11159	11255	11213
Loaded	3680	3999	4400	3913	4262	4162	4030	4878	5906	6772	6850	7132
Unloaded	13868	13998	15794	16028	16714	17592	18209	20270	23375	25471	27344	24484
TAMILNADU	96721	99807	99978	100482	107950	116031	119969	119849	120014	122812	125950	108639
V.O.Chidambaranar	23787	25727	28105	28260	28642	32414	36849	38463	36583	34342	36076	31790
Chennai	61057	61460	55707	53404	51105	52541	50058	50214	51881	53012	46758	43553
Kamarajar	10703	11009	14956	17885	27337	30251	32206	30020	30446	34498	31746	25889
Other Ports	1174	1611	1210	933	866	825	856	1152	1103	960	11370	7407
Overseas	75856	79169	79509	79509	84936	92511	90432	91455	86752	88315	98356	77963
Coastal	20865	20638	20469	20973	23014	23520	29537	28394	33262	34497	27594	30676
Loaded	29349	30014	29039	29534	28968	30087	29894	30129	31197	30838	36777	32293
Unloaded	67372	69793	70939	70948	78982	85944	90075	89720	88817	91975	89173	76346
PONDICHERRY	1316	4728	6421	6909	6281	4958	5974	9112	8121	8370	10101	7330
Other Ports	1316	4728	6421	6909	6281	4958	5974	9112	8121	8370	10101	7330
Overseas	1316	4728	6408	6867	6244	4588	5707	7664	7964	6565	7782	5404
Coastal	-	-	13	42	37	370	267	1448	157	1805	2319	1926
Loaded	38	101	181	473	343	137	138	711	691	471	644	750
Unloaded	1278	4627	6240	6436	5938	4821	5836	8401	7430	7899	9457	6580
ANDHRA PRADESH	109191	111308	113053	110849	117196	141422	129768	130623	149822	168635	172627	159480
Visakhapatnam	65501	68041	67420	59038	58504	58004	57035	61020	63537	65301	72722	69843
Other Ports	43690	43267	45633	51811	58692	83418	72733	69603	86285	103334	99905	89637
Overseas	85364	85177	84675	87211	93254	117496	104829	101851	122641	136631	138261	61178
Coastal	23827	26131	28378	23638	23942	23926	24939	28772	27181	32004	34365	98301
Loaded	49727	45180	40790	34972	36946	29705	27003	37492	39738	40134	48388	53917
Unloaded	59464	66128	72263	75877	80250	111717	102765	93131	110084	128501	124238	105562

Table 3.1.2
(Contd...)

Cargo Traffic Handled At Indian Ports - By State

(In '000 Tonnes)

Port/State/Type of Traffic	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
1	2	3	4	5	6	7	8	9	10	11	12	13
ORISSA	57476	56503	59338	67620	82374	86463	91346	111432	124623	131488	147958	157582
Paradip	57011	56038	54254	56552	68003	71011	76397	88959	102028	109303	112689	114549
Other Ports	465	465	5084	11068	14371	15452	14949	22473	22595	22186	35269	43033
Overseas	45180	45118	46361	47967	57004	60231	61920	81983	89047	88952	108584	123357
Coastal	12296	11385	12977	19653	25370	26232	29426	29449	35576	42536	39374	34225
Loaded	28127	25107	18281	19771	31477	47666	29156	42965	48047	54439	66380	75843
Unloaded	29349	31396	41057	47849	50897	38797	62190	68467	76576	77050	81578	81739
WEST BENGAL	46423	47545	43248	39928	41386	46293	50289	50951	57891	63763	63983	61368
SMP (KDS)	13045	12540	12233	11844	12875	15283	16782	16810	17390	18551	17303	15900
SMP(HDC)	33378	35005	31015	28084	28511	31010	33507	34141	40501	45212	46680	45468
Other Ports	-	-	-	-	-	-	-	-	-	-	-	-
Overseas	39334	39388	35837	33660	35400	38811	42982	43718	47458	52662	53437	55718
Coastal	7089	8157	7411	6268	5986	7482	7307	7233	10433	11101	10546	5650
Loaded	16572	17030	15280	12911	13962	10044	10912	13944	15541	14539	16409	16093
Unloaded	29851	30515	27968	27017	27424	36249	39377	37007	42350	49224	47574	45275
SEA-ISLANDS	2100	1705	1234	1092	1268	1275	1323	1276	1418	1495	1851	1548
Other Ports	2100	1705	1234	1092	1268	1275	1323	1276	1418	1495	1851	1548
Overseas	486	342	10	7	51	17	45	48	138	67	56	191
Coastal	1614	1337	1224	1085	1217	1258	1278	1228	1280	1427	1794	1357
Loaded	516	352	195	205	305	269	279	289	306	321	340	269
Unloaded	1584	1353	1039	887	963	1006	1044	987	1112	1173	1510	1279
ALL INDIA	850027	885444	913932	933754	972459	1052232	1071762	1133687	1208559	1281780	1319972	1249985
Major Ports	561090	570086	560187	545831	555489	581344	605891	648473	679470	699171	704925	672682
Other Ports	288937	315358	353745	387923	416970	470888	465871	485214	529089	582609	615046	577303
Overseas	697532	732289	754869	771758	811105	879563	892559	932569	975542	1E+06	1E+06	952428
Coastal	152495	153159	159063	161996	161354	172669	179203	201118	233017	262678	253733	297558
Loaded	320000	329786	312289	283536	278147	295730	276666	322932	344661	357667	384031	408055
Unloaded	530027	555358	601643	650218	694312	756502	795096	810755	863898	924113	935940	841931

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

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

Table 3.1.3

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

Table 3.1.3												('000 Tonnes)	
Port/State/Type of Traffic	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	
1	2	3	4	5	6	7	8	9	10	11	12	13	
GUJARAT													
Kandla	61893	61241	60412	63402	61298	69737	78872	81591	81693	85276	88702	82279	
Other Ports	145127	153502	175491	203068	227050	239527	238842	245074	260800	281376	293774	273511	
Total	207020	214743	235903	266470	288348	309264	317714	326665	342493	366652	382476	355790	
Overseas	187390	193891	214117	244380	265200	288934	298482	302649	315733	336719	351239	327947	
Coastal	19630	20852	21786	22090	23148	20330	19232	24016	26760	29934	31237	27844	
MAHARASHTRA													
Mumbai	46826	46527	47776	47824	50331	53141	54076	54612	55046	53683	51773	35938	
J. L. Nehru	32382	33414	33218	33692	31233	34553	35359	34982	37362	39361	40962	35250	
Other Ports	11063	12269	16298	20389	21899	22950	24474	29010	31951	36245	36904	32787	
Total	90271	92210	97292	101905	103463	110644	113909	118604	124359	129289	129638	103975	
Overseas	68231	70526	77379	82376	78836	83045	91276	87803	84403	88756	90579	77827	
Coastal	22040	21684	19913	19529	24627	27599	22633	30801	39956	40533	39060	26147	
GOA													
Mormugao	7892	9200	9132	9070	9405	11381	15369	15848	14449	13318	12871	12526	
Other Ports	218	113	165	113	284	413	170	15	10	3	0	0	
Total	8110	9313	9297	9183	9689	11794	15539	15863	14459	13321	12871	12526	
Overseas	7088	8389	8477	8560	9166	11110	14806	15030	13398	10833	11481	11138	
Coastal	1022	924	820	623	523	684	733	833	1061	2488	1390	1388	
KARNATAKA													
New Mangalore	21569	21066	23684	27322	29254	28326	27981	31124	32243	32794	29260	27890	
Other Ports	291	185	167	296	390	348	457	516	600	765	821	486	
Total	21860	21251	23851	27618	29644	28674	28438	31640	32843	33559	30081	28376	
Overseas	18096	17601	20358	23517	26021	25860	25662	26110	25161	26719	21848	20745	
Coastal	3764	3650	3493	4101	3623	2814	2776	5530	7682	6840	8233	7630	
KERALA													
Cochin	13834	13960	15775	16012	16696	17536	18182	20248	23363	25375	27306	24468	
Other Ports	34	38	17	16	18	56	28	22	12	96	38	17	
Total	13868	13998	15792	16028	16714	17592	18210	20270	23375	25471	27344	24484	
Overseas	9570	10227	10563	10799	10611	12322	12147	14595	17444	18453	20132	17201	
Coastal	4298	3771	5229	5229	6103	5270	6063	5675	5931	7017	7212	7283	
TAMIL NADU													
V.O.Chidambaran	18652	18394	19561	19854	20978	23993	27367	27997	26171	24152	25823	22531	
Chennai	38114	40325	36815	34374	32533	33688	32537	33332	34210	35679	30441	27660	
Kamarajar	9767	9957	13712	16146	24922	27664	29602	27547	27829	31506	28220	22867	
Other Port	839	1117	851	574	549	599	569	844	607	638	4689	3288	
Total	67372	69793	70939	70948	78982	85944	90075	89720	88817	91975	89173	76346	
Overseas	48276	51041	52035	51749	57761	63866	62830	64312	59107	61073	64702	51483	
Coastal	19096	17635	18904	19199	21221	22078	27245	25408	29710	30901	24470	24863	

Table 3.1.3
(Contd...)

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

Port/State/Type of Traffic	('000 Tonnes)											
	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
1	2	3	4	5	6	7	8	9	10	11	12	13
PONDICHERRY												
Other Ports	1278	4627	6240	6436	5938	4821	5836	8401	7431	7900	9457	6580
Total	1278	4627	6240	6436	5938	4821	5836	8401	7431	7900	9457	6580
Overseas	1278	4627	6240	6436	5938	4499	5569	7638	7275	6510	7778	5229
Coastal	-	-	-	-	-	322	267	763	156	1390	1679	1351
ANDHRA PRADESH												
Visakhapatnam	35477	36128	38691	35274	33683	38760	39586	37281	41146	44295	47353	39251
Other Ports	23987	30000	33572	40603	46567	72957	63179	55850	68938	84206	76885	66111
Total	59464	66128	72263	75877	80250	111717	102765	93131	110084	128501	124238	105362
Overseas	52727	59427	64484	66651	71265	100759	90310	81319	99300	113415	109349	93300
Coastal	6737	6701	7779	9226	8985	10958	12455	11812	10784	15086	14890	12062
ORISSA												
Paradip	29175	31222	35993	39116	40672	46265	48230	53887	61502	63278	60423	57553
Other Ports	174	174	5064	8733	10225	14051	13954	14580	15074	13772	21155	24186
Total	29349	31396	41057	47849	50897	60316	62184	68467	76576	77050	81578	81739
Overseas	27683	29832	38854	45581	48734	58440	60574	67802	75710	75624	80181	79912
Coastal	1666	1564	2203	2268	2163	1876	1610	665	865	1426	1397	1827
WEST BENGAL												
KDS	8269	7258	7003	6471	6711	26432	10541	10118	10632	11598	10584	9694
HDC	21582	23257	20965	20546	20713	9817	28836	26889	31718	37626	36990	35581
Other Ports	-	-	0	0	0	0	0	0	0	0	0	0
Total	29851	30515	27968	27017	27424	36249	39377	37007	42350	49224	47574	45275
Overseas	25577	25734	24409	24528	25073	31875	35293	33253	36358	42355	40680	41512
Coastal	4274	4781	3559	2489	2351	4374	4084	3754	5992	6869	6894	3763
SEA-ISLAND												
Other Ports	1584	1353	986	887	963	1006	1044	987	1111	1173	1510	1279
Total	1584	1353	986	887	963	1006	1044	987	1111	1173	1510	1279
Overseas	476	342	10	7	51	17	45	48	138	67	56	191
Coastal	1108	1011	976	880	912	989	999	939	973	1106	1454	1088
ALL INDIA												
MAJOR PORTS	345432	351949	362737	369103	378429	421293	446538	455456	477363	497941	490708	433487
Other Ports	184595	203378	238851	281115	313883	356728	348553	355299	386535	426172	445233	408243
Total	530027	555327	601588	650218	692312	778021	795091	810755	863898	924113	935940	841731
Overseas	446392	471637	516926	564584	598656	680727	696994	700559	734027	780525	798025	726485
Coastal	83635	83690	84662	85634	93656	97294	98097	110196	129871	143588	137915	115246

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

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

Table 3.1.4

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

('000 Tonnes)

Port / State	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
1	2	3	4	5	6	7	8	9	10	11	12	13
GUJARAT												
Deendayal	17607	20639	22089	30217	25707	22760	20586	23851	28406	30125	33904	35287
Other Ports	60456	77405	83559	84749	82895	96568	100936	100665	109969	117821	118018	114061
Total	78063	98044	105648	114966	108602	119328	121522	124516	138375	147946	151922	149348
Overseas	54797	75158	79559	87861	94805	99186	98934	102962	112180	115865	119513	122529
Coastal	23266	22886	26089	27105	13797	20142	22588	21554	26195	32080	32409	26819
MAHARASHTRA												
Mumbai	7715	8059	8410	10214	8853	8519	7043	8517	7856	6951	8923	17385
J. L. Nehru	28381	30903	32512	30796	31100	29248	28668	27169	28642	31345	27487	29560
Other Ports	983	2606	3649	3809	2765	4345	4375	5884	5955	9542	6757	7058
Total	37079	41568	44571	44819	42718	42112	40086	41570	42453	47838	43168	54003
Overseas	29694	34545	37863	37050	37118	33646	32076	30265	31387	33352	31334	32880
Coastal	7385	7023	6708	7769	5600	8466	8010	11305	11066	14486	11833	21123
GOA												
Mormugao	40955	40860	29917	8668	2334	3330	5407	17333	12448	4365	3146	9462
Other Ports	13679	14468	14305	3276	0	347	260	102	62	12	8	35
Total	54634	55328	44222	11944	2334	3677	5667	17435	12510	4377	3154	9497
Overseas	54108	55015	43907	11813	2132	3140	5299	17107	11778	4049	2974	9440
Coastal	526	313	315	131	202	537	368	328	732	328	180	57
KARNATAKA												
New Mangalore	13959	10484	9257	9714	10111	8240	7601	8812	9816	9714	9884	8610
Other Ports	8256	2910	425	314	119	303	378	191	80	280	114	299
Total	22215	13394	9682	10028	10230	8543	7979	9003	9896	9993	9998	8909
Overseas	18694	10083	7104	7744	7828	6248	5326	5980	7009	8533	7855	5711
Coastal	3521	3311	2578	2284	2402	2295	2653	3023	2887	1461	2143	3198
KERALA												
Cochin	3595	3913	4315	3833	4190	4059	3913	4759	5780	6646	6732	7036
Other Ports	85	86	87	80	72	103	116	119	126	126	118	96
Total	3680	3999	4402	3913	4262	4162	4029	4878	5906	6772	6850	7132
Overseas	2328	2932	2743	2437	2499	2418	2637	3349	3048	2631	2808	3202
Coastal	1352	1067	1659	1476	1763	1744	1392	1529	2858	4141	4042	3930
TAMIL NADU												
V.O.Chidambanar	5135	7333	8544	8406	7664	8421	9482	10466	10412	10190	10253	9259
Chennai	22943	21135	18892	19030	18572	18853	17521	16882	17671	17333	16317	15893
Kamarajar	936	1052	1244	1739	2415	2587	2604	2473	2618	2992	3526	3022
Other Ports	335	494	359	359	317	226	287	308	496	323	6681	4119
Total	29349	30014	29039	29534	28968	30087	29894	30129	31197	30838	36777	32293
Overseas	27580	33069	27474	27760	27175	28645	27602	27143	27645	27242	33654	26479
Coastal	1769	2192	1565	1774	1793	1442	2292	2986	3552	3596	3123	5814

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

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

(Contd...)

('000 Tonnes)												
Port / State	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
1	2	3	4	5	6	7	8	9	10	11	12	13
PONDICHERY												
Other Ports	38	101	181	473	343	137	138	711	691	470	644	750
Total	38	101	181	473	343	137	138	711	691	470	644	750
Overseas	38	101	168	431	306	89	138	26	689	55	3	111
Coastal	-	-	13	42	37	48	0	685	2	415	641	638
ANDHRA PRADESH												
Visakhapatnam	30024	31913	28729	23764	24821	19244	17449	23739	22391	21006	25369	30592
Other Ports	19703	13267	12061	11208	12125	10461	9554	13753	17347	19128	23019	23525
Total	49727	45180	40790	34972	36946	29705	27003	37492	39738	40134	48388	54117
Overseas	32637	25750	20191	20560	21989	16737	14509	20532	23341	23216	28913	37327
Coastal	17090	19430	20599	14412	14957	12968	12494	16960	16397	16918	19476	16790
ORISSA												
Paradip	27836	24810	18261	17436	27331	24746	28167	35072	40526	46025	52267	56996
Other Ports	291	291	20	2335	4146	1401	995	7893	7521	8414	14114	18847
Total	28127	25101	18281	19771	31477	26147	29162	42965	48047	54439	66380	75843
Overseas	17497	15286	7507	2386	8270	1791	1346	14182	13336	13328	28403	43445
Coastal	10630	9821	10774	17385	23207	24356	27816	28783	34711	41110	37977	32398
WEST BENGAL												
KDS	4776	5282	10050	5373	6164	4578	6241	6692	6758	6953	6719	6206
HDC	11796	11748	5230	7538	7798	5466	4671	7252	8783	7586	9690	9887
Other Ports	-	-	-	-	-	-	-	-	-	-	-	-
Total	16572	17030	15280	12911	13962	10044	10912	13944	15541	14539	16409	16093
Overseas	13757	13654	11428	9132	10327	6936	7689	10465	11100	10307	12757	14206
Coastal	2815	3376	3852	3779	3635	3108	3223	3479	4441	4232	3652	1887
SEA-ISLANDS												
Other Ports	516	352	248	205	305	269	279	289	306	321	340	269
Total	516	352	248	205	305	269	279	289	306	321	340	269
Overseas	10	-	-	-	-	0	0	0	0	0	0	0
Coastal	506	352	248	205	305	269	279	289	306	321	340	269
ALL INDIA												
Major Ports	215658	218137	197450	176728	177060	160051	159353	193017	202107	201230	214217	239195
Other Ports	104342	111980	114894	106808	103087	114160	117318	129915	142553	156436	169814	169060
Total	320000	330117	312344	283536	280147	274211	276671	322932	344661	357666	384030	408255
Overseas	251140	260346	238183	207174	212449	198836	195556	232011	241513	238577	268214	295331
Coastal	68860	69771	74161	76362	67698	75375	81115	90921	103148	119089	115817	112924

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

Table 3.2.2

Trend in Port-wise Cargo Traffic Handled at Major Ports

(In Million Tonnes)

P O R T S													
Year	Deen dayal	Mumbai	J.L. Nehru	Mormugao	New Mangalore	Cochin	V. O. Chidambanar	Chennai	Kamarajar	Visakhapatnam	Paradip	SMP (Kolkata /Haldia)	Total
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

Table 3.2.3

Commodity-wise Cargo Traffic Handled at Major Ports

('000 Tonnes)

Year	POL (Crude & Products)	Fertiliser	Fertiliser Raw Material	Iron Ore	Coal	Food-grains	Others	Total
1	2	3	4	5	6	7	8	9
ALL PORTS								
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
DEENDAYAL								
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

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
MUMBAI (a)								
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
J.L.NEHRU								
1990-91	-	516	850	-	...	-	656	2022
1991-92	-	623	820	-	...	-	1351	2794
1992-93	-	588	114	-	...	577	1728	3007
1993-94	-	855	23	-	...	275	2234	3387
1994-95	-	1187	125	-	...	-	3696	5008
1995-96	139	1716	179	648	...	68	4123	6873
1996-97	252	984	363	686	...	380	5404	8069
1997-98	681	881	75	657	...	355	6246	8895
1998-99	1271	796	93	531	...	418	8614	11723
1999-00	1413	627	164	48	...	555	12169	14976
2000-01	1811	246	148	-	...	-	16370	18575
2001-02	1747	265	68	-	-	30	20411	22521
2002-03	1888	95	209	-	-	-	24652	26844
2003-04	1939	95	115	-	-	-	29041	31190
2004-05	2460	-	37	-	-	-	30311	32808
2005-06	2545	-	33	-	-	-	35258	37836
2006-07	2625	-	2	-	-	-	42188	44815
2007-08	2188	-	-	-	-	-	53650	55838
2008-09	4551	-	-	-	-	-	52745	57296
2009-10	4916	-	-	-	-	-	55847	60763
2010-11	5043	-	870	-	-	-	58404	64317
2011-12	4845	-	4	-	-	19	60862	65730
2012-13	4126	-	-	-	-	-	60362	64488
2013-14	4107	-	-	-	-	12	58214	62333
2014-15	3330	-	-	-	-	-	60471	63801
2015-16	3419	-	-	-	-	-	60608	64027
2016-17	3829	-	-	-	-	-	58323	62152
2017-18	4013	-	-	-	-	-	61991	66004
2018-19	3999	0	0	0	0	0	66707	70706
2019-20	3018	0	0	0	0	0	65431	68449
2020-21	2550	0	0	0	0	0	62259	64809

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

Table 3.2.3
(Contd...)

Commodity-wise Cargo Traffic Handled at Major Ports

('000 Tonnes)

Year	POL (Crude & Products)	Fertiliser	Fertiliser Raw Material	Iron Ore	Coal	Food-grains	Others	Total
1	2	3	4	5	6	7	8	9
MORMUGAO								
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
NEW MANGALORE								
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

Table 3.2.3
(Contd...)

Commodity-wise Cargo Traffic Handled at Major Ports

('000 Tonnes)

Year	POL (Crude & Products)	Fertiliser	Fertiliser Raw Material	Iron Ore	Coal	Food-grains	Others	Total
1	2	3	4	5	6	7	8	9
COCHIN								
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
V.O.Chidambaranar								
1987-88	364	106	320	...	2904	70	497	4261
1988-89	468	145	532	...	2981	408	591	5125
1989-90	476	434	231	...	2926	159	1098	5324
1990-91	470	288	327	...	2635	110	1245	5075
1991-92	496	302	442	...	3116	75	1437	5868
1992-93	510	378	431	...	3162	189	1545	6215
1993-94	463	205	209	...	3937	29	1857	6700
1994-95	417	221	463	...	4495	-	2445	8041
1995-96	434	412	376	...	5620	16	2428	9286
1996-97	466	259	364	...	5493	131	2461	9174
1997-98	459	512	711	...	5578	146	2568	9974
1998-99	441	413	849	...	5204	194	3049	10150
1999-00	532	423	791	...	4163	196	3888	9993
2000-01	460	332	884	...	6293	149	4166	12284
2001-02	430	284	776	8	5997	405	5117	13017
2002-03	492	147	880	-	5539	704	5532	13294
2003-04	558	177	853	-	5789	337	5964	13678
2004-05	743	297	944	42	6601	130	7054	15811
2005-06	774	484	1167	-	7240	61	7413	17139
2006-07	626	678	792	-	5608	54	10243	18001
2007-08	464	1098	632	-	6112	443	12731	21480
2008-09	503	1147	677	...	6047	195	13442	22011
2009-10	514	1221	860	41	5603	150	15398	23787
2010-11	741	1171	730	64	5349	80	17592	25727
2011-12	630	1134	891	33	6050	307	19060	28105
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

Table 3.2.3
(Contd...)

Commodity-wise Cargo Traffic Handled at Major Ports

('000 Tonnes)

Year	POL (Crude & Products)	Fertiliser	Fertiliser Raw Material	Iron Ore	Coal	Food-grains	Others	Total
1	2	3	4	5	6	7	8	9
CHENNAI								
1987-88	7337	373	317	5400	1866	45	7481	22819
1988-89	8769	410	326	5746	2616	471	5225	23563
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
Kamarajar								
2001-02	-	-	-	-	3401	-	-	3401
2002-03	-	-	-	-	8485	-	-	8485
2003-04	-	-	-	-	9277	-	-	9277
2004-05	104	-	-	520	8856	-	-	9480
2005-06	244	-	-	537	8387	-	-	9168
2006-07	188	-	-	1724	8802	-	-	10714
2007-08	319	-	-	2190	9051	-	3	11563
2008-09	366	-	-	1111	9708	-	315	11500
2009-10	395	-	-	936	9279	-	93	10703
2010-11	509	-	-	401	9368	-	731	11009
2011-12	502	-	-	-	13111	-	1343	14956
2012-13	521	-	-	-	14925	-	2439	17885
2013-14	336	-	-	-	10809	-	16192	27337
2014-15	1894	-	-	-	24222	-	4135	30251
2015-16	2443	-	-	-	25612	-	4151	32206
2016-17	2648	-	-	-	23096	-	4276	30020
2017-18	3021	0	0	0	23172	0	4253	30446
2018-19	3233	220	0	0	25003	0	6042	34498
2019-20	2994	99	0	0	20266	0	8387	31746
2020-21	2420	0	0	0	15189	20	8260	25889
VISAKHAPATNAM								
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

Table 3.2.3
(Cont...)

Commodity-wise Cargo Traffic Handled at Major Ports

('000 Tonnes)								
Year	POL (Crude & Products)	Fertiliser	Fertiliser Raw Material	Iron Ore	Coal	Food-grains	Others	Total
1	2	3	4	5	6	7	8	9
PARADIP								
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
SMP (KOLKATA/HALDIA)								
1987-88	5912	183	298	-	3132	116	3430	13071
1988-89	6469	239	291	-	3605	447	3172	14223
1989-90	6436	384	388	-	4178	193	3110	14689
1990-91	7257	231	457	-	4134	92	2782	14953
1991-92	7690	275	479	-	4603	60	2893	16000
1992-93	8940	313	527	-	5068	117	3372	18337
1993-94	8696	224	288	-	5434	103	3751	18496
1994-95	9731	150	413	-	5841	25	4375	20535
1995-96	10742	162	579	-	5922	107	4003	21515
1996-97	10981	73	559	-	7147	17	4347	23124
1997-98	14337	66	636	-	7741	42	5335	28157
1998-99	15748	119	588	-	7451	133	5348	29387
1999-00	16463	136	754	-	6898	60	6715	31026
2000-01	14237	203	1043	374	8006	21	6116	30000
2001-02	13995	265	957	1780	7369	55	5982	30403
2002-03	16468	360	1022	2694	8323	7	6930	35804
2003-04	20236	250	866	3825	7894	81	8108	41260
2004-05	22008	174	767	5394	8908	84	8872	46207
2005-06	22623	324	1104	8087	10553	44	10408	53143
2006-07	22777	428	973	8509	8754	82	13527	55050
2007-08	22208	359	378	10380	7273	9	16722	57329
2008-09	19686	316	253	9209	7846	38	16872	54220
2009-10	10028	180	162	8488	7564	10	19991	46423
2010-11	11484	304	217	6779	8280	11	20470	47545
2011-12	7264	196	392	4393	7293	3	23707	43248
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

Table 3.2.4

Trend in Type-wise Cargo Traffic Handled at Major Ports

(In 000 Tonnes)

PORT/ YEAR	Overseas			Coastal			Overseas & Coastal		
	Un-Loaded	Loaded	Total	Un-Loaded	Loaded	Total	Un-Loaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
DEENDAYAL									
1996-97	24360	4331	28691	4907	132	5039	29267	4463	33730
1997-98	29755	3702	33457	5266	178	5444	35021	3880	38901
1998-99	31626	4023	35649	4831	157	4988	36457	4180	40637
1999-00	34700	3402	38102	7935	266	8201	42635	3668	46303
2000-01	26704	4400	31104	5250	387	5637	31954	4787	36741
2001-02	26434	6855	33289	3590	849	4439	30024	7704	37728
2002-03	26865	9377	36242	3394	997	4391	30259	10374	40633
2003-04	27906	9207	37113	3308	1102	4410	31214	10309	41523
2004-05	28328	8655	36983	3678	890	4568	32006	9545	41551
2005-06	31516	9457	40973	4215	719	4934	35731	10176	45907
2006-07	36601	10684	47285	4645	1052	5697	41246	11736	52982
2007-08	43591	14623	58214	4813	1893	6706	48404	16516	64920
2008-09	50663	14014	64677	3537	4010	7547	54200	18024	72224
2009-10	57505	11830	69335	4388	5777	10165	61893	17607	79500
2010-11	57285	15258	72543	3956	5381	9337	61241	20639	81880
2011-12	56374	15987	72361	4038	6102	10140	60412	22089	82501
2012-13	59059	21037	80096	4343	9180	13523	63402	30217	93619
2013-14	58048	18590	76638	3250	7117	10367	61298	25707	87005
2014-15	65844	17451	83295	3893	5309	9202	69737	22760	92497
2015-16	75089	15719	90808	3783	4867	8650	78872	20586	99458
2016-17	77573	20775	98348	4018	3076	7094	81591	23851	105442
2017-18	76549	23145	99694	5144	5261	10405	81693	28406	110099
2018-19	79738	22933	102671	5538	7192	12730	85276	30125	115401
2019-20	81537	24308	105845	7166	9596	16762	88702	33904	122606
2020-21	76694	25721	102414	5586	9566	15152	82279	35287	117566
Mumbai									
1996-97	18054	6596	24650	316	8761	9077	18370	15357	33727
1997-98	17684	5824	23508	1623	6966	8589	19307	12790	32097
1998-99	17548	5070	22618	1618	6734	8352	19166	11804	30970
1999-00	17512	3922	21434	2879	6099	8978	20391	10021	30412
2000-01	14799	3593	18392	2160	6511	8671	16959	10104	27063
2001-02	14558	3373	17931	2752	5750	8502	17310	9123	26433
2002-03	14588	3464	18052	1821	6923	8744	16409	10387	26796
2003-04	17496	3519	21015	1556	7424	8980	19052	10943	29995
2004-05	19185	4313	23498	3876	7813	11689	23061	12126	35187
2005-06	25249	4222	29471	1618	13101	14719	26867	17323	44190
2006-07	30411	5792	36203	8656	7505	16161	39067	13297	52364
2007-08	31503	5436	36939	13037	7062	20099	44540	12498	57038
2008-09	28210	4591	32801	14705	4370	19075	42915	8961	51876
2009-10	33191	3971	37162	13635	3744	17379	46826	7715	54541
2010-11	34716	4610	39326	11811	3449	15260	46527	8059	54586
2011-12	36536	5393	41929	11240	3017	14257	47776	8410	56186
2012-13	38224	5416	43640	9600	4798	14398	47824	10214	58038
2013-14	35164	5536	40700	15167	3317	18484	50331	8853	59184
2014-15	34043	3657	37700	19098	4862	23960	53141	8519	61660
2015-16	38949	2987	41936	15127	4056	19183	54076	7043	61119
2016-17	31162	3495	34657	23450	5022	28472	54612	8517	63129
2017-18	30592	3575	34167	24454	4281	28735	55046	7856	62902
2018-19	31066	2861	33927	22617	4090	26707	53683	6951	60634
2019-20	31257	3037	34294	20515	5886	26401	51773	8923	60696
2020-21	26601	2981	29582	9337	14404	23742	35938	17385	53324
J.L.NEHRU									
1996-97	4185	3261	7446	623	0	623	4808	3261	8069
1997-98	5052	3418	8470	321	104	425	5373	3522	8895
1998-99	6553	4257	10810	865	48	913	7418	4305	11723
1999-00	8193	5831	14024	880	72	952	9073	5903	14976
2000-01	9120	7644	16764	1491	320	1811	10611	7964	18575
2001-02	11174	9168	20342	1746	433	2179	12920	9601	22521
2002-03	11237	13415	24652	1431	761	2192	12668	14176	26844
2003-04	12964	15487	28451	1830	909	2739	14794	16396	31190
2004-05	14591	15437	30028	2042	738	2780	16633	16175	32808
2005-06	17442	17485	34927	2074	835	2909	19516	18320	37836
2006-07	20994	21047	42041	2276	498	2774	23270	21545	44815
2007-08	26727	26015	52742	2707	389	3096	29434	26404	55838
2008-09	25880	26241	52121	2286	2889	5175	28166	29130	57296
2009-10	30069	25077	55146	2313	3304	5617	32382	28381	60763
2010-11	31080	27524	58604	2334	3379	5713	33414	30903	64317
2011-12	31647	29049	60696	1571	3463	5034	33218	32512	65730
2012-13	32522	28503	61025	1170	2293	3463	33692	30796	64488
2013-14	29685	28969	58654	1548	2131	3679	31233	31100	62333
2014-15	33102	27366	60468	1451	1882	3333	34553	29248	63801
2015-16	33579	26769	60348	1780	1899	3679	35359	28668	64027
2016-17	32744	25367	58111	2238	1802	4040	34982	27169	62151
2017-18	34788	26874	61661	2575	1768	4343	37362	28642	66004
2018-19	36383	29297	65680	2978	2048	5026	39361	31345	70706
2019-20	37880	26389	64268	3083	1098	4181	40962	27487	68449
2020-21	32502	27602	60104	2747	1958	4705	35249	29560	64809

Table 3.2.4 (Contd...)

Trend in Type-wise Cargo Traffic Handled at Major Ports

('000 tonnes)

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

Table 3.2.4
(Contd...)

Trend in Type-wise Cargo Traffic Handled at Major Ports

PORT/YEAR	('000 tonnes)								
	Overseas			Coastal			Overseas & Coastal		
	Un-Loaded	Loaded	Total	Un-Loaded	Loaded	Total	Un-Loaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
V.O. CHIDAMBARANAR									
1996-97	1734	1545	3279	5877	18	5895	7611	1563	9174
1997-98	2791	1542	4333	5623	18	5641	8414	1560	9974
1998-99	3341	1629	4970	5144	36	5180	8485	1665	10150
1999-00	3732	2029	5761	4202	30	4232	7934	2059	9993
2000-01	3654	2396	6050	6185	49	6234	9839	2445	12284
2001-02	4094	3147	7241	5717	59	5776	9811	3206	13017
2002-03	3950	3690	7640	5614	40	5654	9564	3730	13294
2003-04	4281	3410	7691	5903	84	5987	10184	3494	13678
2004-05	6024	3665	9689	6036	86	6122	12060	3751	15811
2005-06	6509	3656	10165	6866	108	6974	13375	3764	17139
2006-07	7695	4302	11997	5807	197	6004	13502	4499	18001
2007-08	9824	5515	15339	5648	493	6141	15472	6008	21480
2008-09	11242	5070	16312	5128	571	5699	16370	5641	22011
2009-10	12870	4414	17284	5782	721	6503	18652	5135	23787
2010-11	12706	6585	19291	5688	748	6436	18394	7333	25727
2011-12	13404	7948	21352	6157	596	6753	19561	8544	28105
2012-13	13273	7466	20739	6581	940	7521	19854	8406	28260
2013-14	15412	6598	22010	5566	1066	6632	20978	7664	28642
2014-15	18891	7569	26460	5102	852	5954	23993	8421	32414
2015-16	21180	8291	29471	6187	1191	7378	27367	9482	36849
2016-17	22254	8719	30973	5743	1747	7490	27997	10466	38463
2017-18	18359	8252	26611	7812	2160	9972	26171	10412	36583
2018-19	16025	8048	24073	8127	2142	10269	24152	10190	34342
2019-20	19068	8304	27371	6755	1950	8705	25823	10254	36076
2020-21	14135	7001	21136	8396	2258	10654	22531	9259	31790
CHENNAI									
1996-97	11603	8728	20331	10330	1187	11517	21933	9915	31848
1997-98	12730	10455	23185	11299	1047	12346	24029	11502	35531
1998-99	12431	9217	21648	12660	894	13554	25091	10111	35202
1999-00	12950	9826	22776	13488	1179	14667	26438	11005	37443
2000-01	13187	11567	24754	15733	733	16466	28920	12300	41220
2001-02	12682	11952	24634	10458	1023	11481	23140	12975	36115
2002-03	12003	13117	25120	7603	964	8567	19606	14081	33687
2003-04	13807	15349	29156	6495	1059	7554	20302	16408	36710
2004-05	18952	17273	36225	5793	1788	7581	24745	19061	43806
2005-06	23247	18064	41311	3956	1981	5937	27203	20045	47248
2006-07	26195	21337	47532	4564	1318	5882	30759	22655	53414
2007-08	28526	23369	51895	4333	926	5259	32859	24295	57154
2008-09	30028	21983	52011	4617	863	5480	34645	22846	57491
2009-10	33875	22219	56094	4239	724	4963	38114	22943	61057
2010-11	36287	20178	56465	4038	957	4995	40325	21135	61460
2011-12	32867	18281	51148	3948	611	4559	36815	18892	55707
2012-13	30467	18547	49014	3907	483	4390	34374	19030	53404
2013-14	29733	18153	47886	2800	419	3219	32533	18572	51105
2014-15	30762	18484	49246	2926	369	3295	33688	18853	52541
2015-16	28867	16692	45559	3670	829	4499	32537	17521	50058
2016-17	30386	16043	46429	2946	839	3785	33332	16882	50214
2017-18	31056	16684	47740	3154	988	4142	34210	17672	51882
2018-19	31940	16170	48110	3739	1163	4902	35679	17333	53012
2019-20	26555	15229	41784	3886	1088	4974	30441	16317	46758
2020-21	23568	14396	37964	4092	1497	5589	27660	15893	43553
Kamarajar									
2001-02	0	0	0	3401	0	3401	3401	0	3401
2002-03	0	0	0	8485	0	8485	8485	0	8485
2003-04	0	0	0	9277	0	9277	9277	0	9277
2004-05	122	520	642	8838	0	8838	8960	520	9480
2005-06	1066	537	1603	7565	0	7565	8631	537	9168
2006-07	653	1724	2377	8337	0	8337	8990	1724	10714
2007-08	1212	2190	3402	8161	0	8161	9373	2190	11563
2008-09	1848	1111	2959	8541	0	8541	10389	1111	11500
2009-10	1313	936	2249	8454	0	8454	9767	936	10703
2010-11	2048	1052	3100	7909	0	7909	9957	1052	11009
2011-12	5457	1244	6701	8255	0	8255	13712	1244	14956
2012-13	7724	1739	9463	8422	0	8422	16146	1739	17885
2013-14	12310	2415	14725	12612	0	12612	24922	2415	27337
2014-15	13921	2587	16508	13743	0	13743	27664	2587	30251
2015-16	12359	2604	14963	17243	0	17243	29602	2604	32206
2016-17	11060	2352	13412	16487	121	16608	27547	2473	30020
2017-18	9278	2586	11864	18551	31	18582	27829	2617	30446
2018-19	12480	2992	15472	19026	0	19026	31506	2992	34498
2019-20	14469	3526	17995	13751	0	13751	28220	3526	31746
2020-21	11681	3022	14703	11186	0	11186	22867	3022	25889

Table 3.2.4
(Contd...)

Tend in Type-wise Cargo Traffic Handled at Major Ports

('000 tonnes)

PORT/YEAR	Overseas			Coastal			Overseas & Coastal		
	Un-Loaded	Loaded	Total	Un-Loaded	Loaded	Total	Un-Loaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
VISAKHAPATNAM									
1996-97	15807	7243	23050	5407	6041	11448	21214	13284	34498
1997-98	15885	6797	22682	5941	7391	13332	21826	14188	36014
1998-99	16033	6379	22412	6070	7172	13242	22103	13551	35654
1999-00	16379	6299	22678	8772	8060	16832	25151	14359	39510
2000-01	16407	8170	24577	10092	10016	20108	26499	18186	44685
2001-02	18033	9037	27070	9403	7871	17274	27436	16908	44344
2002-03	17148	11394	28542	8576	8888	17464	25724	20282	46006
2003-04	18392	13290	31682	7975	8079	16054	26367	21369	47736
2004-05	20602	15924	36526	4630	8992	13622	25232	24916	50148
2005-06	25055	15075	40130	5596	10075	15671	30651	25150	55801
2006-07	26873	11654	38527	5682	12176	17858	32555	23830	56385
2007-08	29145	15742	44887	6530	13180	19710	35675	28922	64597
2008-09	29200	14158	43358	6460	14090	20550	35660	28248	63908
2009-10	30181	14856	45037	5296	15168	20464	35477	30024	65501
2010-11	30764	14227	44991	5364	17686	23050	36128	31913	68041
2011-12	33120	11633	44753	5571	17096	22667	38691	28729	67420
2012-13	30008	11203	41211	5266	12561	17827	35274	23764	59038
2013-14	29499	11899	41398	4184	12922	17106	33683	24821	58504
2014-15	34173	9234	43407	4587	10010	14597	38760	19244	58004
2015-16	35546	6779	42325	4040	10670	14710	39586	17449	57035
2016-17	33911	9258	43169	3370	14481	17851	37281	23739	61020
2017-18	37834	9735	47569	3312	12656	15968	41146	22391	63537
2018-19	40025	8446	48471	4270	12560	16830	44295	21006	65301
2019-20	43778	12607	56385	3575	12762	16337	47353	25369	72722
2020-21	35380	17607	52987	3871	12985	16856	39251	30592	69843
PARADIP									
1996-97	3733	1818	5551	126	5903	6029	3859	7721	11580
1997-98	4379	1676	6055	109	7138	7247	4488	8814	13302
1998-99	3939	1343	5282	568	7258	7826	4507	8601	13108
1999-00	4237	1933	6170	539	6927	7466	4776	8860	13636
2000-01	6015	3793	9808	833	9259	10092	6848	13052	19900
2001-02	5742	4415	10157	920	10054	10974	6662	14469	21131
2002-03	5914	5786	11700	1077	11124	12201	6991	16910	23901
2003-04	5896	7254	13150	809	11352	12161	6705	18606	25311
2004-05	7931	10649	18580	507	11017	11524	8438	21666	30104
2005-06	10950	12101	23051	474	9584	10058	11424	21665	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
SMP (KOLKATA/HALDIA)									
1996-97	13505	1906	15411	2723	4990	7713	16228	6896	23124
1997-98	16757	2247	19004	2902	6251	9153	19659	8498	28157
1998-99	18987	1707	20694	2576	6117	8693	21563	7824	29387
1999-00	22350	1803	24153	2586	4287	6873	24936	6090	31026
2000-01	20254	2405	22659	2925	4416	7341	23179	6821	30000
2001-02	20697	3740	24437	2275	3691	5966	22972	7431	30403
2002-03	22089	5252	27341	4371	4092	8463	26460	9344	35804
2003-04	25580	7134	32714	4656	3890	8546	30236	11024	41260
2004-05	29298	8788	38086	3908	4213	8121	33206	13001	46207
2005-06	32346	11679	44025	4392	4726	9118	36738	16405	53143
2006-07	34594	12853	47447	3721	3882	7603	38315	16735	55050
2007-08	35761	15151	50912	3280	3137	6417	39041	18288	57329
2008-09	32920	14267	47187	3753	3280	7033	36673	17547	54220
2009-10	25577	13757	39334	4274	2815	7089	29851	16572	46423
2010-11	25734	13654	39388	4781	3376	8157	30515	17030	47545
2011-12	24409	11428	35837	3559	3852	7411	27968	15280	43248
2012-13	24528	9132	33660	2489	3779	6268	27017	12911	39928
2013-14	25073	10327	35400	2351	3635	5986	27424	13962	41386
2014-15	31875	6936	38811	4374	3108	7482	36249	10044	46293
2015-16	35293	7689	42982	4084	3223	7307	39377	10912	50289
2016-17	33253	10465	43718	3754	3479	7233	37007	13944	50951
2017-18	36358	11100	47458	5992	4441	10433	42350	15541	57891
2018-19	42355	10307	52662	6869	4232	11101	49224	14539	63763
2019-20	40680	12757	53437	6894	3652	10546	47574	16409	63983
2020-21	41512	14206	55718	3763	1887	5650	45275	16093	61368

Table 3.2.4
(Contd...)

Trend in Type-wise Cargo Traffic Handled at Major Ports

('000 tonnes)

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

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

(In Million Tonnes)

Item	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1. LOADED														
i) Indian Lines	2.03	2.46	3.94	2.23	3.33	2.72	2.75	1.78	2.48	3.96	4.85	6.50	7.32	6.46
ii) Foreign Lines	44.16	44.42	43.67	54.06	56.69	56.39	55.68	55.34	55.54	54.21	57.57	62.69	60.42	60.05
iii)Total	46.19	46.88	47.61	56.29	60.02	59.11	58.43	57.12	58.02	58.17	62.42	69.19	67.74	66.51
2. UNLOADED														
i) Indian Lines	2.23	1.16	3.61	1.65	3.11	2.55	3.45	3.25	4.23	6.22	7.39	9.70	10.01	6.75
ii) Foreign Lines	43.83	45.33	64.48	56.23	57.14	58.20	52.80	59.07	60.92	60.28	63.92	66.64	69.11	59.20
iii)Total	46.06	46.49	68.09	57.88	60.25	60.75	56.24	62.32	65.15	66.50	71.31	76.34	79.12	65.95
3. Total														
i) Indian Lines	4.26	3.62	7.55	3.88	6.44	5.27	6.20	5.03	6.71	10.18	12.24	16.20	17.33	13.21
ii) Foreign Lines	87.99	89.75	108.15	110.29	113.84	114.59	108.48	114.41	116.46	114.49	121.48	129.32	129.53	119.24
iii)Total	92.25	93.37	115.70	114.17	120.28	119.87	114.67	119.44	123.17	124.66	133.73	145.52	146.86	132.45
4.General Cargo (Break Bulk & Container)	123.79	120.01	132.59	146.47	156.14	158.09	149.85	154.57	158.66	163.01	172.82	178.07	170.72	156.89
% Of Container Cargo to general cargo	74.52	77.80	87.26	77.95	77.03	75.82	76.52	77.27	77.63	76.48	77.38	81.72	86.03	84.43

Table 3.2.6

Trend in Container Traffic Handled at Major Ports

(In '000 Tonnes)

Item	Deendayal	Mumbai	J. L.Nehru	Mormugao	N.Mangalore	Cochin	V.O. Chidambaranar	Chennai	Visakhapatnam	Paradip	SMP (Kolkata Dock System)	SMP (Haldia Dock Complex)	Kamarajar	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
LOADED														
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
UNLOADED														
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
TOTAL														
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

Table 3.2.7

Passenger Traffic at Major Ports

(In '000)

Port/Year	Overseas			Coastal			Total		
	Embarked	embarked	Total	Embarked	Dis-embarked	Total	Embarked	embarked	Total
1	2	3	4	5	6	7	8	9	10
MUMBAI									
2000-01	4.8	7.7	12.5	3.3	5.0	8.3	8.1	12.7	20.8
2001-02	3.2	4.8	8.0	0.3	-	0.3	3.5	4.8	8.3
2002-03	3.6	2.6	6.2	-	-	0.0	3.6	2.6	6.2
2003-04	1.7	1.9	3.6	-	-	0.0	1.7	1.9	3.6
2004-05	0.7	0.5	1.2	0.8	0.8	1.6	1.5	1.3	2.8
2005-06	0.3	0.9	1.2	42.0	41.5	83.5	42.3	42.4	84.7
2006-07	1.3	0.5	1.8	81.7	78.8	160.5	83.0	79.3	162.3
2007-08	1.3	0.5	1.8	81.8	78.8	160.6	83.1	79.3	162.4
2008-09	1.6	0.8	2.4	12.9	13.3	26.2	14.5	14.1	28.6
2009-10	0.9	1.5	2.4	31.0	31.0	62.0	31.9	32.5	64.4
2010-11	1.8	2.1	3.9	6.1	5.9	12.0	7.9	8.0	15.9
2011-12	2.9	1.8	4.7	0.0	0.0	0.0	2.9	1.8	4.7
2012-13	3.2	2.5	5.6	0.0	0.0	0.0	3.2	2.5	5.6
2013-14	1.6	1.4	3.0	0.0	0.0	0.0	1.6	1.4	3.0
2014-15	4.3	3.6	7.9	0.0	0.0	0.0	4.3	3.6	7.9
2015-16	1.2	2.0	3.2	0.0	0.0	0.0	1.2	2.0	3.2
2016-17	9.5	8.0	17.4	0.0	0.0	0.0	9.5	8.0	17.4
2017-18	11.0	10.5	21.5	0.0	0.0	0.0	11.0	10.5	21.5
2018-19	10.6	10.5	21.0	17.3	10.6	27.9	27.8	21.1	48.9
2019-20	13.7	15.8	29.5	74.8	70.8	145.6	88.5	86.6	175.1
2020-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COCHIN									
2000-01	11.7	10.5	22.2	30.7	31.3	62.0	42.4	41.8	84.2
2001-02	8.9	6.2	15.1	36.8	16.1	52.9	45.7	22.3	68.0
2002-03	2.9	2.9	5.8	45.8	48.7	94.5	48.7	51.6	100.3
2003-04	8.9	8.8	17.7	51.7	48.9	100.6	60.6	57.7	118.3
2004-05	9.6	9.5	19.1	51.3	49.3	100.6	60.9	58.8	119.7
2005-06	10.5	10.6	21.1	50.2	49.9	100.1	60.7	60.5	121.2
2006-07	14.1	14.0	28.1	49.0	54.0	103.0	63.1	68.0	131.1
2007-08	14.0	14.0	28.0	47.9	52.6	100.5	61.9	66.6	128.5
2008-09	19.3	19.2	38.5	40.6	43.7	84.3	59.9	62.9	122.8
2009-10	38.0	38.0	76.0	64.0	72.0	136.0	102.0	110.0	212.0
2010-11	24.1	24.1	48.2	69.1	77.0	146.1	93.2	101.1	194.3
2011-12	25.5	25.5	51.0	120.4	92.2	212.6	145.9	117.7	263.6
2012-13	37.2	36.8	74.0	91.6	84.5	176.1	128.8	121.3	250.0
2013-14	24.6	24.9	49.5	85.0	80.4	165.3	109.6	105.3	214.9
2014-15	27.9	28.3	56.2	88.0	78.0	165.9	115.8	106.3	222.1
2015-16	31.6	35.5	67.2	89.0	95.5	184.5	120.6	131.1	251.6
2016-17	54.8	54.3	109.1	97.5	102.4	199.9	152.3	156.7	309.0
2017-18	44.2	45.3	89.6	92.0	98.4	190.4	136.3	143.7	280.0
2018-19	57.7	57.6	115.3	98.4	107.5	205.8	156.1	165.0	321.1
2019-20	61.5	61.4	122.8	98.7	113.1	211.8	160.1	174.5	334.6
2020-21	0.0	0.0	0.0	17.6	22.8	40.5	17.6	22.8	40.5
CHENNAI									
2000-01	0.2	0.1	0.3	51.6	43.8	95.4	51.8	43.9	95.7
2001-02	0.5	0.4	0.9	53.2	45.9	99.1	53.7	46.3	100.0
2002-03	Neg.	Neg.	Neg.	52.9	44.7	97.6	52.9	44.7	97.6
2003-04	Neg.	Neg.	Neg.	55.9	49.5	105.4	55.9	49.5	105.4
2004-05	0.6	0.6	1.2	51.2	48.4	99.6	51.8	49.0	100.8
2005-06	0.9	0.2	1.1	49.4	45.8	95.2	50.3	46.0	96.3
2006-07	0.2	0.3	0.5	39.3	30.8	70.1	39.5	31.1	70.6
2007-08	0.1	0.2	0.3	43.1	38.4	81.5	43.2	38.6	81.8
2008-09	0.3	0.2	0.5	44.0	40.7	84.7	44.3	40.9	85.2
2009-10	0.2	0.0	0.2	39.4	36.6	76.0	39.6	36.6	76.2
2010-11	0.3	0.4	0.7	39.3	35.8	75.1	39.6	36.2	75.8
2011-12	0.2	0.2	0.4	42.2	36.1	78.3	42.3	36.4	78.7
2012-13	0.5	0.7	1.2	29.2	27.3	56.5	29.7	28.1	57.8
2013-14	0.0	0.0	0.0	31.8	26.4	58.2	31.8	26.4	58.2
2014-15	0.9	1.0	1.9	31.3	26.6	57.8	32.2	27.6	59.8
2015-16	0.1	0.1	0.2	25.2	22.2	47.4	25.3	22.3	47.7
2016-17	0.6	0.6	1.2	19.8	15.1	34.9	20.4	15.7	36.1
2017-18	0.0	0.0	0.0	10.2	9.6	19.8	10.2	9.6	19.8
2018-19	0.2	0.2	0.4	9.9	9.5	19.4	10.0	9.7	19.8
2019-20	0.7	0.0	0.7	5.3	5.2	10.6	6.0	5.3	11.3
2020-21	0.0	0.0	0.0	0.2	0.4	0.6	0.2	0.4	0.6

Table 3.2.7(Contd.)		Passenger Traffic at Major Ports								(In '000)
Port/Year	Overseas			Coastal			Total			
	Embarked	embarked	Total	Embarked	Dis-embarked	Total	Embarked	embarked	Total	
1	2	3	4	5	6	7	8	9	10	
PARADIP										
2009-10	-	-	-	-	-	-	-	-	-	-
2010-11	-	-	-	-	-	-	-	-	-	-
2011-12	-	-	-	-	-	-	-	-	-	-
2012-13	-	-	-	-	-	-	-	-	-	-
2013-14	-	-	-	-	-	-	-	-	-	-
2014-15	-	-	-	-	-	-	-	-	-	-
2015-16	-	-	-	-	-	-	-	-	-	-
2016-17	-	-	-	-	-	-	-	-	-	-
2017-18	-	-	-	-	-	-	-	-	-	-
2018-19	0.1	0.1	0.2	-	-	-	0.1	0.1	0.2	-
2019-20	-	-	-	-	-	-	-	-	-	-
2020-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
V.O.CHIDAMBANAR										
2010-11	-	-	-	-	-	-	-	-	-	-
2011-12	7.6	4.6	12.2	-	-	-	7.6	4.6	12.2	-
2012-13	-	-	-	-	-	-	-	-	-	-
2013-14	-	-	-	-	-	-	-	-	-	-
2014-15	-	-	-	-	-	-	-	-	-	-
2015-16	-	-	-	-	-	-	-	-	-	-
2016-17	-	-	-	-	-	-	-	-	-	-
2017-18	-	-	-	-	-	-	-	-	-	-
2018-19	-	-	-	-	-	-	-	-	-	-
2019-20	-	-	-	-	-	-	-	-	-	-
2020-21	0.0	2.3	2.3	-	-	-	0.0	2.3	2.3	-
VISHAKHAPATNAM										
2000-01	-	-	-	9.8	7.1	16.9	9.8	7.1	16.9	-
2001-02	-	-	-	8.6	8.6	17.2	8.6	8.6	17.2	-
2002-03	-	-	-	11.3	11.7	23.0	11.3	11.7	23.0	-
2003-04	-	-	-	8.6	9.0	17.6	8.6	9.0	17.6	-
2004-05	-	-	-	10.1	12.0	22.1	10.1	12.0	22.1	-
2005-06	-	-	-	8.4	7.8	16.2	8.4	7.8	16.2	-
2006-07	-	-	-	8.4	8.4	16.8	8.4	8.4	16.8	-
2007-08	-	-	-	12.2	10.3	22.5	12.2	10.3	22.5	-
2008-09	-	-	-	11.2	12.8	24.0	11.2	12.8	24.0	-
2009-10	-	-	-	10.0	11.0	21.0	10.0	11.0	21.0	-
2010-11	-	-	-	11.4	11.2	22.6	11.4	11.2	22.6	-
2011-12	-	-	-	13.2	13.3	26.5	13.2	13.3	26.5	-
2012-13	-	-	-	12.8	13.3	26.2	12.8	13.3	26.2	-
2013-14	-	-	-	12.7	12.1	24.8	12.7	12.1	24.8	-
2014-15	-	-	-	12.4	11.3	23.7	12.4	11.3	23.7	-
2015-16	-	-	-	10.4	9.3	19.7	10.4	9.3	19.7	-
2016-17	-	-	-	9.2	7.3	16.5	9.2	7.3	16.5	-
2017-18	-	-	-	8.6	8.2	16.9	8.6	8.2	16.9	-
2018-19	0.2	0.2	0.4	8.2	6.1	14.3	8.4	6.3	14.8	-
2019-20	-	-	-	6.6	5.2	11.8	6.6	5.2	11.8	-
2020-21	-	-	-	0.6	0.1	0.7	0.6	0.1	0.7	-
SMP (KOLKATA/HALDIA)										
2000-01	0.2	0.2	0.4	29.6	27.1	56.7	29.8	27.3	57.1	-
2001-02	-	-	-	30.0	28.4	58.4	30.0	28.4	58.4	-
2002-03	-	-	-	25.3	27.4	52.7	25.3	27.4	52.7	-
2003-04	-	-	-	25.5	30.6	56.1	25.5	30.6	56.1	-
2004-05	-	-	-	31.7	30.8	62.5	31.7	30.8	62.5	-
2005-06	-	-	-	34.3	26.0	60.3	34.3	26.0	60.3	-
2006-07	-	-	-	29.2	21.4	50.6	29.2	21.4	50.6	-
2007-08	-	-	-	43.5	31.6	75.1	43.5	31.6	75.1	-
2008-09	-	-	-	30.9	27.2	58.1	30.9	27.2	58.1	-
2009-10	-	-	-	34.8	32.9	67.7	34.8	32.9	67.7	-
2010-11	-	-	-	31.2	32.3	63.5	31.2	32.3	63.5	-
2011-12	-	-	-	27.0	25.3	52.2	27.0	25.3	52.2	-
2012-13	-	-	-	20.3	20.0	40.3	20.3	20.0	40.3	-
2013-14	-	-	-	23.0	19.5	42.5	23.0	19.5	42.5	-
2014-15	-	-	-	23.1	16.5	39.6	23.1	16.5	39.6	-
2015-16	-	-	-	20.1	15.7	35.8	20.1	15.7	35.8	-
2016-17	-	-	-	11.6	8.8	20.4	11.6	8.8	20.4	-
2017-18	-	-	-	7.1	9.0	16.1	7.1	9.0	16.1	-
2018-19	-	-	-	4.2	4.1	8.3	4.2	4.1	8.3	-
2019-20	0.0	0.0	0.0	2.5	1.9	4.3	2.5	1.9	4.3	-
2020-21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-

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

(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	2798	456	6407	715	14600	1318	42101	-	-	-	-	2714	65906	
	2012-13	195	2596	452	7069	715	16861	1372	47669	-	-	-	-	2734	74195	
	2013-14	59	634	305	5258	629	16247	1311	47572	-	-	-	-	2304	69710	
	2014-15	0	0	371	5647	568	17339	1277	48612	-	-	-	-	2216	71597	
	2015-16	12	180	454	7403	591	19685	1456	50248	-	-	-	-	2513	77517	
	2016-17	27	403	319	5395	622	20742	1593	55473	-	-	-	7	261	2568	82271
	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	1606	56773	0	0	0	0	0	3095	97068
	2020-21	428	9913	402	7027	720	23825	1497	50383	0	0	0	0	0	3047	91148
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)	1623	28250	
	2003-04	298	4270	532	5540	128	2650	840	18080	2	80	(c)	(c)	1800	30620	
	2004-05	249	3650	581	8300	216	4670	834	19910	3	110	(c)	(c)	1883	36640	
	2005-06	220	2960	665	10790	235	4940	933	22300	-	-	(c)	(c)	2053	40990	
	2006-07	133	2120	749	11920	234	5640	970	24070	1	40	-	-	2087	43790	
	2007-08	12	190	765	12250	234	6050	1055	25050	-	-	-	-	2066	43540	
	2008-09	12	320	672	11380	233	6030	1014	23000	-	-	-	-	1931	40730	
	2009-10	10	300	732	14600	283	7400	1021	24930	-	-	-	-	2046	47230	
	2010-11	14	330	715	15400	336	9090	1027	26250	-	-	-	-	2092	51070	
	2011-12	14	460	568	13900	333	9190	1102	27810	-	-	-	-	2017	51360	
	2012-13	32	320	475	12870	370	10670	1031	28180	-	-	-	-	1908	52040	
	2013-14	0	0	427	12080	379	11260	1013	27790	-	-	-	-	1819	51130	
	2014-15	0	0	608	16250	367	11290	984	27180	-	-	-	-	1959	54720	
	2015-16	1	12	531	10320	313	9792	1066	26124	-	-	126	6625	2037	52873	
	2016-17	1	21	431	8325	374	11936	1092	29330	-	-	96	5262	1994	54875	
	2017-18	0	0	453	8643	366	11723	1113	31216	0	0	111	6195	2043	57777	
	2018-19	2	60	492	7810	349	10780	1083	31370	0	0	117	6680	2043	56700	
	2019-20	1	9	403	7020	329	10351	1163	33848	0	0	102	5814	1998	57042	
	2020-21	0	0	302	5211	296	9297	979	29479	0	0	75	4468	1652	48456	
J.L. Nehru	2000-01	1247	21461	-	-	88	1071	269	3484	-	-	102(d)	2489	1706	28505	
	2001-02	1498	30347	-	-	68	879	260	3533	-	-	243(d)	2506	2069	37265	
	2002-03	1544	35654	-	-	55	698	284	3471	-	-	299(d)	2780	2182	42603	
	2003-04	1678	41780	57	118	36	419	298	4064	-	-	1848(d)	5365	3917	51746	
	2004-05	1600	39120	28	108	32	344	356	4988	-	-	308(d)	2325	2324	46885	
	2005-06	1754	40657	64	1015	-	-	305	4920	-	-	1932(d)	2699	4055	49291	
	2006-07	2070	55113	13	106	46	513	321	5305	-	-	324(d)	662	2775	61699	
	2007-08	2339	65258	9	89	48	542	333	5516	-	-	390(d)	875	5140	72280	
	2008-09	2221	68407	7	78	57	647	428	7266	-	-	11	440	2724	76838	
	2009-10	2470	76079	10	113	66	724	524	9002	-	-	2	80	3072	85998	
	2010-11	2490	79106	60	528	71	791	507	3939	-	-	2644	4455	5772	88819	
	2011-12	2233	77374	67	669	168	554	461	8859	-	-	2646	4593	5575	92049	
	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	126899	
	2020-21	1778	109759	121	413	51	770	575	11270	0	0	0	0	2525	122212	
Mormugao	2000-01	50	824	14	212	350	11279	174	2491	-	-	-	-	588	14806	
	2001-02	54	773	11	124	349	13157	183	2682	-	-	-	-	597	16736	
	2002-03	80	427	23	371	365	12940	158	2643	-	-	-	-	626	16381	
	2003-04	62	388	15	165	416	15983	184	3110	-	-	-	-	677	19646	
	2004-05	37	196	7	110	290	9591	172	2926	-	-	-	-	506	12823	
	2005-06	38	227	7	72	443	16398	162	3053	-	-	-	-	650	19750	
	2006-07	39	274	21	366	482	17020	161	3111	-	-	-	-	699	20771	
	2007-08	37	302	15	219	525	17525	175	3507	-	-	-	-	748	21553	
	2008-09	36	301	8	81	600	21616	170	3323	-	-	-	-	805	24733	
	2009-10	38	387	8	114	675	25378	184	3679	-	-	-	-	905	29558	
	2010-11	27	298	7	107	669	20740	160	3238	-	-	-	-	863	24383	
	2011-12	48	624	37	698	558	22735	153	3224	-	-	-	-	796	27281	
	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	11404	138	3014	-	-	-	-	605	17202	
	2016-17	110	1862	106	2383	409	17519	135	3022	-	-	-	-	760	24786	
	2017-18	60	1305	99	2324	323	15045	151	3180	-	-	-	-	633	21854	
	2018-19	53	1343	83	1523	245	10061	140	3100	0	0	0	0	521	16028	
	2019-20	51	1365	72	1574	215	10114	92	2279	0	0	0	0	430	15332	
	2020-21	36	943	71	1902	259	12644	78	1823	0	0	0	0	444	17312	
New Mangalore	2000-01	30	272	111	1219	161	3887	432	9891	-	-	-	-	734	15269	
	2001-02	63	349	97	1228	180	4595	423	9209	-	-	-	-	763	15381	
	2002-03	58	274	88	1198	181	4605	505	10589	-	-	-	-	832	16666	
	2003-04	49	276	82	1084	198	5051	547	14394	-	-	-	-	876	20805	
	2004-05	36	67	82	318	752	7752	624	17009	-	-	-	-	957	25867	
	2005-06															

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	9837	-	-	-	-	825	14546
	2005-06	421	4678	109	618	50	846	383	9784	-	-	-	-	963	15926
	2006-07	383	5234	92	539	54	915	378	10550	-	-	-	-	907	17238
	2007-08	350	5703	73	304	31	688	352	11280	-	-	-	-	806	17975
	2008-09	335	4296	63	387	53	850	306	10112	-	-	-	-	757	15645
	2009-10	390	5096	44	348	59	865	381	12060	-	-	-	-	874	18369
	2010-11	360	5010	39	309	47	803	373	12629	-	-	-	-	819	18751
	2011-12	389	5975	37	326	50	882	359	13401	-	-	-	-	835	20584
	2012-13	440	8411	33	285	49	771	353	13336	-	-	-	-	875	22803
	2013-14	501	9842	41	370	72	884	381	13923	-	-	-	-	995	25019
	2014-15	528	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	20908	0	0	0	0	1141	42278
	2020-21	563	17526	23	205	105	1528	406	18154	0	0	0	0	1097	37413
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	-	-	-	-	1496	18445
	2009-10	455	5832	299	1714	451	9955	175	1981	-	-	-	-	1380	19482
	2010-11	378	5404	361	2208	396	9276	214	3274	-	-	-	-	1349	20162
	2011-12	365	5692	360	2418	425	10249	226	3437	-	-	-	-	1376	21796
	2012-13	351	5704	255	1715	408	10921	221	3193	-	-	-	-	1235	21533
	2013-14	399	6196	118	965	392	11033	184	2367	-	-	-	-	1093	20561
	2014-15	496	6914	234	1455	455	13023	195	2735	-	-	-	-	1380	24127
	2015-16	573	8275	216	1743	516	14638	210	2914	-	-	-	-	1515	27570
	2016-17	534	8454	408	2804	516	15104	204	2867	-	-	-	-	1662	29229
	2017-18	469	8646	357	2169	459	13145	197	2664	-	-	-	-	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
Chennai	2000-01	340	3600	335	3370	620	16310	442	8345	11	314	-	-	1748	31939
	2001-02	288	3589	312	2854	468	12779	472	8523	8	229	-	-	1548	29974
	2002-03	420	5394	350	3165	352	9768	435	8122	-	-	-	-	1557	26449
	2003-04	467	5800	275	2205	379	10370	449	8773	-	-	25	1092	1595	28240
	2004-05	416	5509	275	2514	441	11632	421	9866	-	-	49	1955	1602	31476
	2005-06	592	7238	357	5425	429	11727	415	10649	-	-	-	-	1793	35039
	2006-07	698	9252	476	6898	463	13085	422	10668	-	-	-	-	2059	39873
	2007-08	713	12933	346	3402	455	12713	423	11232	-	-	48	2049	1985	42326
	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	4397	460	12423	-	-	93	5021	1880	45397
	2013-14	780	18014	293	4665	165	4160	429	11598	-	-	89	4851	1756	43289
	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	2280	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
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	326	12608	288	8718	0	0	131	7484	827	31598
	2020-21	107	3792	31	234	229	8981	266	8568	0	0	74	4057	707	25632
Visakhapatnam	2000-01	104	688	240	1875	666	17527	620	17997	14	400	-	-	1644	38487
	2001-02	119	858	208	1796	635	17742	608	17780	6	171	-	-	1576	38347
	2002-03	134	1062	281	2767	706	19230	500	16394	1	28	-	-	1622	39481
	2003-04	111	1200	262	2327	787	20467	518	16088	-	-	-	-	1678	40082
	2004-05	196	2465	182	1628	950	25758	477	14606	-	-	-	-	1805	44457
	2005-06	199	2617	221	1992	1024	27724	634	17819	-	-	-	-	2078	5015

Table 3.2.8(Contd...)

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

(GRT in '000)

Port	Year	Container		Break Bulk		Dry Bulk		Liquid Bulk		Lash		Ro-Ro		Total	
		No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Paradip	2000-01	3	26	8	138	632	16260	243	3645	15	437	-	-	901	20706
	2001-02	5	43	8	72	636	16616	241	3716	9	305	1	Neg.	900	20752
	2002-03	17	156	4	39	669	18879	197	3329	3	91	-	-	890	22494
	2003-04	23	192	85	228	757	20400	165	2674	-	-	-	-	-	23494
	2004-05	10	101	144	369	882	23709	136	2467	-	-	-	-	1172	26646
	2005-06	14	146	102	226	1001	27470	146	3001	-	-	-	-	1263	30843
	2006-07	11	68	76	403	1098	30134	217	4211	-	-	-	-	1355	34816
	2007-08	19	134	118	577	1213	31861	232	4977	-	-	-	-	1513	37549
	2008-09	9	84	79	631	1226	33378	239	5435	0	-	-	-	1553	39528
	2009-10	12	118	41	453	1151	32160	327	11693	-	-	-	-	1531	44424
	2010-11	15	141	22	243	1098	30991	352	12623	-	-	-	-	1487	43998
	2011-12	30	289	75	604	904	27847	317	13593	-	-	-	-	1326	42333
	2012-13	32	416	53	517	883	28174	309	14348	-	-	-	-	1277	43455
	2013-14	27	287	24	244	1068	34393	325	15704	-	-	-	-	1444	50627
	2014-15	18	203	14	214	1033	35637	335	15910	-	-	-	-	1400	51964
	2015-16	25	123	26	135	1090	21955	390	10387	-	-	-	-	1531	32600
	2016-17	11	46	54	570	1149	24050	366	12294	-	-	-	-	1580	36960
	2017-18	22	147	81	935	1270	26995	465	15214	-	-	-	-	1838	43291
	2018-19	25	191	84	928	1317	28703	531	16365	0	0	0	0	1957	46188
	2019-20	29	231	102	1048	1324	28911	549	16274	0	0	0	0	2004	46463
	2020-21	48	341	134	1445	1376	29967	493	14534	0	0	0	0	2051	46288
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	4083	280	1740	38	459	171	3554	-	-	11	112	1012	9948
	2008-09	526	4435	244	1529	42	557	240	3371	0	-	10	111	1057	9964
	2009-10	579	5105	400	3009	65	1032	264	1873	-	-	-	-	1308	11019
	2010-11	570	4720	352	2418	105	1964	269	2358	-	-	6	63	1301	11523
	2011-12	577	4732	319	2267	60	1274	239	2180	-	-	8	116	1203	10568
	2012-13	633	5244	288	1998	38	874	245	2360	-	-	12	182	1216	10658
	2013-14	651	5571	266	2048	67	1656	246	2169	-	-	11	178	1241	11622
	2014-15	674	5929	259	2235	117	2497	251	1874	-	-	13	211	1314	12746
	2015-16	793	6999	254	2148	124	2596	257	1856	-	-	14	216	1442	13815
	2016-17	777	6977	246	2553	34	730	237	1712	-	-	12	184	1306	12157
	2017-18	764	6724	221	2527	59	1612	262	1894	-	-	16	214	1322	12971
	2018-19	782	6464	163	1183	175	5571	222	1633	0	0	16	218	1358	15069
	2019-20	808	6772	165	1276	87	2696	220	1680	0	0	5	66	1285	12489
	2020-21	677	6003	162	1118	79	2774	108	877	0	0	1	8	1027	10779
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	-	1	27	2399	56987
	2009-10	432	4123	68	947	871	24815	860	20733	0	0	0	0	2231	50618
	2010-11	355	3645	55	507	823	22623	998	24048	0	0	0	0	2231	50823
	2011-12	291	3092	57	673	763	23397	853	18006	0	0	0	0	1964	45168
	2012-13	333	3465	89	1298	663	21049	858	15881	0	0	0	0	1943	41693
	2013-14	315	3144	72	863	669	21800	914	16845	0	0	0	0	1970	42652
	2014-15	188	2086	54	910	757	26071	908	16935	0	0	0	0	1907	46002
	2015-16	223	2453	70	1310	714	24190	1019	19806	0	0	0	0	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	786	29336	844	24062	0	0	0	0	2038	59267
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	2854	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	478165
	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	9781	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	2512	37483	5339	156453	7637	195613	0	0	254	12028	21383	524505
	2016-17	5644	181862	2417	37483	5607	170932	7771	216777	0	0	216	9728	21655	616783
	2017-18	5452	138805	2347	29916	5863	178624	8102	224637	0	0	327	17360	22091	589341
	2018-19	5562	202782	2135	27441	5901	182319	7999	232880	0	0	323	17436	21920	662858
	2019-20	5731	207306	2024	27110	5714	174259	8106	241003	0	0	288	15852	21863	665529
	2020-21	5500	190704	2039	25948	5488	166105	7166	216955	0	0	185	10468	20378	610180

*Kolkata DS Passenger

Table 3.2.9

Distribution of Revenue And Expenditure at Major Ports

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expen-diture	Port and Dock Charges including Pilotage		Cargo handling and warehousing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
DEENDAYAL													
1995-96	20099	7491	5424	3428	7548	1443	0	18	856	508	6271	846	1248
1996-97	25496	9217	6126	4253	8646	1606	0	132	1244	611	9480	1278	1337
1997-98	28813	9793	7497	4858	10178	1788	0	31	1389	653	9749	824	1639
1998-99	34492	13382	10564	4029	11339	1853	0	18	1324	872	11265	4757	1853
1999-00	36985	15493	9839	6823	11304	2301	0	4	1377	1054	14465	2851	2460
2000-01	32660	15595	8413	5098	8087	2317	0	4	1598	1054	14562	4055	3067
2001-02	33724	14484	8565	3704	7975	2432	0	5	1425	1078	15759	3991	3274
2002-03	37440	20233	10399	6753	9040	2671	0	7	1758	1037	16243	6262	3503
2003-04	38783	29721	10124	8151	9444	3013	0	4	1523	1282	17692	13163	4108
2004-05	38601	19258	10630	8354	10489	3402	0	5	2507	1330	14975	1980	4187
2005-06	38612	18611	10702	7937	12867	3609	0	10	1850	1549	13193	1323	4183
2006-07	46644	25019	13431	8609	16629	6330	0	274	3066	1492	13518	3834	4480
2007-08	50577	25868	14310	11098	18142	6892	0	93	1706	1774	16419	1071	4940
2008-09	59171	36840	18917	15497	19814	8297	0	30	2145	2677	18295	4176	6163
2009-10	63406	43239	20692	16497	22509	9335	0	224	1718	2832	18487	7190	7161
2010-11	67664	51516	20168	15751	24378	11856	0	30	4645	2923	18473	13300	7656
2011-12	82238	62186	29075	25583	29332	16303	110	55	3854	2888	19867	8889	8468
2012-13	98293	59327	39531	24627	30044	13289	104	272	8362	3552	20252	7830	9757
2013-14	100804	87490	38544	33129	24659	12494	77	117	11132	4082	26392	27467	10201
2014-15	104828	100133	40393	30299	28575	14737	130	100	19372	4963	16358	38074	11960
2015-16	118940	76728	49720	36865	32048	19506	94	183	16352	5604	20726	14570	0
2016-17	157184	87799	62779	30714	45099	16692	261	580	30175	4241	18870	21920	13652
2017-18	173647	119002	66938	29980	50667	17657	256	608	29673	4330	26112	51203	15223
2018-19	184689	131620	80564	31040	56976	21219	124	593	28081	3393	18943	60080	15295
2019-20	191457	94539	98776	31252	44851	20291	151	562	22275	3463	25403	23136	15836
2020-21	181447	131811	87293	32223	45441	24599	838	512	23399	3315	24476	54163	16999
MUMBAI													
1995-96	68243	42809	13620	5954	42318	14427	610	1669	1640	2766	10055	11450	6543
1996-97	68852	49660	13362	9973	43570	15598	491	1826	1835	3229	9594	12217	6817
1997-98	68520	51160	16311	9898	40237	16553	496	1801	3594	3608	7882	11637	7663
1998-99	68632	57868	16680	11068	39245	18056	771	1890	4035	3735	7901	14428	8691
1999-00	63379	55038	16276	10751	32683	17642	625	1748	3683	3523	10112	12760	8614
2000-01	56331	93066	15860	13620	27101	20969	312	1784	3146	3876	9912	42984	9833
2001-02	55604	71554	15065	10826	25002	17868	308	1375	3437	3808	11792	29458	8219
2002-03	91344	59958	17007	10122	24315	18305	291	1434	4279	4945	45452	16859	8293
2003-04	49269	65523	15426	10091	26208	18256	299	1540	4106	3608	3230	23265	8763
2004-05	84252	79576	21997	12777	30211	19376	412	1455	4476	3570	27156	33656	8742
2005-06	100233	72119	24198	11555	35369	19665	647	1780	5810	3898	34209	26078	9143
2006-07	115573	97806	26733	12472	40423	21371	1069	2009	7596	4225	39752	47543	10186
2007-08	131262	104956	26032	13573	44466	24090	1109	2124	10208	4852	49447	48231	12086
2008-09	129787	120080	27899	17475	44621	24566	1036	2185	7319	5834	48912	57091	12929
2009-10	131502	129388	34131	17052	44523	29628	731	2670	10129	6599	41988	57366	16073
2010-11	143686	147982	35667	17322	55402	45705	948	2795	10788	6324	40881	54200	21636
2011-12	158156	168092	37778	17884	58417	48392	1468	3024	11965	6686	48528	68624	23482
2012-13	167959	195725	47741	19670	62694	57516	1181	3332	11118	7471	45225	80166	27570
2013-14	171248	207318	49721	22017	61885	58865	1326	3397	23528	7143	34788	90361	25535
2014-15	162641	185324	50066	21474	60727	48914	1478	2799	27707	7375	22663	78514	26248
2015-16	163192	210528	53105	22606	68644	46491	1012	2382	25077	7924	15354	102960	28165
2016-17	170726	193387	60927	21998	56996	48155	642	2509	39215	7678	12946	82220	30827
2017-18	167375	208879	56966	22134	65480	52138	655	2289	32971	8790	11303	86287	37241
2018-19	155695	216399	61487	24896	58159	46648	581	2560	29605	9576	5863	94273	38446
2019-20	174096	155120	71402	26102	55277	42647	518	2564	39067	10438	7832	34550	38819
2020-21	173049	163317	80317	23442	50415	37809	522	1675	39372	10979	2423	51108	38304

Table 3.2.9
(Contd...)

Distribution of Revenue And Expenditure at Major Ports

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expen-diture	Port and Dock Charges including Pilotage		Cargo handling and warehousing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Exp.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
JAWAHARLAL NEHRU													
1995-96	27883	15341	3579	1201	18390	7925	0	102	1398	728	4516	3777	1608
1996-97	31749	17497	4252	1779	18519	9234	0	119	1836	969	7142	3514	1882
1997-98	41731	21256	5618	2517	23466	11413	0	124	2919	1047	9728	4286	1869
1998-99	48231	24685	7492	3034	27586	12007	0	124	3231	1212	9922	5998	2310
1999-00	47529	34224	9225	5604	23413	12737	0	124	4115	1290	10776	11489	2980
2000-01	44317	34196	10192	4007	17643	13154	0	121	4786	930	11696	13084	2900
2001-02	50377	39079	13364	4135	20860	13760	0	121	4443	1048	11710	16895	3120
2002-03	55322	37388	16089	3584	23527	13548	0	121	4509	1029	11197	16157	2949
2003-04	64779	38573	17662	4136	31512	14225	0	121	4757	1298	10848	15167	3626
2004-05	71050	37439	15447	4588	33094	16128	0	122	4754	1602	17755	11494	3505
2005-06	65025	32226	14477	4782	35747	13173	0	121	4679	3000	10122	6837	4313
2006-07	91047	34132	15837	5568	35045	14041	0	121	5272	2231	34893	7596	4575
2007-08	63075	31758	11921	6213	32203	12594	0	121	5674	2768	13277	3274	6788
2008-09	68488	40549	14114	7613	28024	13415	0	121	6612	2986	19738	7528	8886
2009-10	62107	37341	16017	8436	21984	14426	0	121	6413	3280	17693	2576	8502
2010-11	65408	44997	16231	8741	25957	15448	0	121	6583	4329	16637	5753	10605
2011-12	83500	51599	16673	8284	28648	18557	0	121	7725	4195	30454	7911	12531
2012-13	91420	69541	18264	8726	32546	24416	0	121	814	7098	39796	15639	13541
2013-14	99029	86841	20759	8869	33739	26796	0	121	9288	4340	35243	31963	14752
2014-15	108637	89105	26223	11007	42622	28498	0	121	9659	5274	30133	29387	14818
2015-16	198970	89806	33943	16260	122316	33965	0	121	10251	2917	32460	20496	16047
2016-17	216242	82150	35880	19038	124924	37348	0	121	9292	3515	46146	1653	20475
2017-18	223634	79637	43022	11942	133671	41232	0	121	12395	3372	34546	4514	18456
2018-19	249061	95398	47313	14250	136531	37289	0	121	21828	3860	43389	19027	20851
2019-20	263532	103183	45434	24139	161028	39492	0	121	12918	3493	44152	16272	19666
2020-21	255032	110892	45993	28147	153756	42045	0	121	15482	5572	39801	8942	26065
MORMUGAO													
1995-96	9867	7931	2198	2476	5454	1967	0	116	358	67	1857	1557	1748
1996-97	11055	8912	2263	2055	6287	2616	0	112	485	94	2020	2060	1975
1997-98	13317	10297	2522	2303	8188	3525	4	139	345	235	2258	1954	2141
1998-99	14849	12575	2884	2748	8460	4297	181	136	567	280	2757	2529	2585
1999-00	16046	13702	3100	3022	8993	3977	389	222	966	272	2598	3286	2923
2000-01	21474	19254	3789	3474	10914	5761	533	337	957	311	5281	5091	4280
2001-02	19696	18923	4633	3752	12060	4784	839	401	1225	366	939	5650	3970
2002-03	19483	17147	4803	3628	12217	4378	806	321	933	515	724	4315	3990
2003-04	21516	18779	5372	3780	14055	4940	661	264	681	522	747	5306	3967
2004-05	22072	19807	5402	3567	14317	5230	893	394	953	459	507	5869	4288
2005-06	22925	18196	5500	3649	14352	5509	1001	420	1253	369	819	3960	4289
2006-07	27187	23141	6346	3583	16204	6394	1712	473	1532	381	1393	7118	5192
2007-08	26802	22817	6280	4626	15531	6887	2015	477	925	538	2051	4355	5934
2008-09	29696	28562	7401	5574	17245	7614	2089	567	815	602	2146	6585	7620
2009-10	34610	32303	9063	6288	20556	9869	2233	610	831	544	1927	8779	6213
2010-11	38586	33088	10055	6007	22829	10870	3095	661	1207	772	1400	8916	5862
2011-12	37773	35337	10311	6823	20569	11330	3882	784	1159	798	1852	9447	6155
2012-13	24610	35365	6534	7287	9775	10470	4512	961	1367	855	2422	9388	6404
2013-14	21775	32343	8689	6477	6008	9615	5211	1112	1239	699	628	8235	6205
2014-15	29858	33231	11360	8288	8958	9644	6838	929	1519	738	1183	8536	5096
2015-16	35408	34839	11498	9431	11014	11462	9511	2337	2262	693	1123	10916	0
2016-17	46944	41032	16430	9451	14692	13544	10878	3010	2360	794	2584	14233	0
2017-18	45228	45007	15197	7867	13130	10244	11351	2125	2889	1132	2661	17623	6016
2018-19	38580	46890	12807	9221	11914	13182	9452	2686	2406	884	2001	15101	5816
2019-20	45371	46118	16859	9381	14210	11780	10113	2604	1935	867	2254	21486	0
2020-21	47571	47059	16461	9668	15775	12008	10707	2253	1725	903	2903	22227	0

Table 3.2.9
(Contd...)

Distribution of Revenue And Expenditure at Major Ports

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expen-diture	Port and Dock Charges including Pilotage		Cargo handling and warehousing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
NEW MANGALORE													
1995-96	6672	4615	1398	2204	3291	637	13	13	759	112	1211	592	1057
1996-97	13422	9275	2355	2819	8831	1443	12	35	649	119	1575	3469	1390
1997-98	17852	10938	3085	3789	11264	1597	25	36	1122	138	2356	3744	1634
1998-99	16924	13009	3603	4390	10950	1801	22	23	917	180	1432	4758	1857
1999-00	18600	13028	3742	4880	12315	2053	13	28	1040	198	1490	3568	2301
2000-01	19173	14884	3415	5759	12961	2312	13	29	1145	213	1639	3904	2667
2001-02	20714	15745	3593	5685	14472	2425	27	32	1341	219	1281	4944	2440
2002-03	21505	15981	4652	4338	14272	2680	15	32	1302	198	1264	6378	2355
2003-04	23803	17863	5550	5171	15490	2968	16	30	1360	208	1387	7052	2434
2004-05	28835	21037	6547	4271	18491	3791	40	48	1693	271	2064	10223	2433
2005-06	28217	13849	6657	5167	16782	3931	87	43	1946	276	2745	1838	2594
2006-07	27987	17071	6136	5313	17156	4426	159	55	2148	312	2388	4135	2830
2007-08	30877	18181	6374	5337	18098	4983	354	125	2284	403	3767	4194	3139
2008-09	35398	20598	7045	5149	19906	5922	463	111	2685	391	5299	5403	3622
2009-10	36317	23452	6844	6933	21374	6040	536	94	3090	505	4473	5126	4754
2010-11	35317	24490	6258	7845	20595	5280	316	110	3621	568	4527	5731	4956
2011-12	43242	26586	7192	7864	24657	5522	303	116	5073	681	6017	6928	5475
2012-13	43107	27983	8872	7697	20530	6008	413	93	4647	709	8645	7674	5802
2013-14	40681	27979	12178	8499	19920	7129	477	83	3937	799	4169	4403	7066
2014-15	43990	30896	12889	10246	19020	6794	490	115	6967	855	4624	6020	6866
2015-16	41776	30057	14074	10111	17347	6201	290	109	4760	814	5305	5267	7555
2016-17	48855	35106	20332	10449	18861	7980	540	131	5042	981	4080	6821	8744
2017-18	54745	33361.93	18042	10880	24165	7250	568	88	7700	1049	4270	6572	7523
2018-19	70332	43926	22734	9781	25585	9479	635	144	11097	1170	10282	16112	7240
2019-20	66246	45240	22030	10466	24277	8719	371	338	10535	1206	9033	17955	6556
2020-21	68993	47384	20830	10502	28053	8431	276	112	10405	1149	9429	21215	5975
COCHIN													
1995-96	12493	13058	2934	3470	7132	1984	0	29	643	334	1784	4894	2347
1996-97	15866	13601	3456	4107	9456	2059	0	29	864	321	2090	4143	2942
1997-98	17748	13241	4034	4903	10490	2193	0	22	1021	427	2203	2115	3581
1998-99	19560	16435	4386	5778	10735	2710	0	25	1169	592	3270	3486	3844
1999-00	20355	20084	5324	6144	11354	3628	0	31	1363	476	2314	5358	4447
2000-01	20597	23972	5367	5262	11295	4530	0	40	1698	490	2237	8626	5024
2001-02	20144	23946	5989	6141	10810	4411	0	18	1907	456	1438	8073	4847
2002-03	21597	19657	5947	5618	11991	3806	0	14	2130	427	1529	4936	4856
2003-04	21746	19612	5702	4971	12316	3868	0	0	2128	453	1600	5424	4896
2004-05	22060	21696	5668	5117	12817	3903	0	0	2263	456	1312	7071	5149
2005-06	21684	18724	5988	4976	10193	2764	0	0	3714	616	1789	5220	5148
2006-07	23335	20670	6299	6107	10515	2761	0	0	4393	618	2128	5913	5271
2007-08	24756	24307	6933	8391	10821	3172	0	0	4240	750	2762	6186	5808
2008-09	22979	24454	8010	9281	7795	2904	0	0	5036	716	2138	4907	6646
2009-10	25130	34057	9061	10634	8825	3808	0	0	5321	796	1923	10762	8057
2010-11	31177	39783	11521	13542	9228	4110	0	0	6859	979	3569	12335	8817
2011-12	34220	42612	12786	11990	11544	4987	0	0	6380	1245	3510	14398	9992
2012-13	44604	51119	12426	18370	11918	5422	0	0	6818	1905	13442	14380	11042
2013-14	45858	56647	15339	18998	12872	5985	0	0	8043	1979	9604	18369	11316
2014-15	44702	51905	15381	18046	14110	5579	0	0	9091	2007	6120	15279	10994
2015-16	51035	43959	20118	17814	14722	5524	0	0	8885	2169	7310	18452	0
2016-17	54504	57220	23275	17981	16862	5503	0	0	9487	13367	4880	20369	0
2017-18	57794	65975	22163	17454	19971	5508	0	0	10545	13760	5115	19718	9535
2018-19	63212	70682	24759	16976	22959	5611	0	0	10833	14882	4661	23826	9387
2019-20	69223	67092	29389	15233	24552	5438	0	0	10962	14916	4320	31505	0
2020-21	72697	71978	32006	15526	25698	5288	0	0	10627	13529	4366	37635	0

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

Distribution of Revenue And Expenditure at Major Ports

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expen-diture	Port and Dock Charges including Pilotage		Cargo handling and warehousing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
V.O. CHIDAMBARANAR													
1995-96	5979	3634	1613	875	3542	737	9	50	241	231	574	816	925
1996-97	6709	4063	1885	931	3710	790	57	58	232	247	825	939	1098
1997-98	8649	5025	2271	1193	4676	915	93	129	479	259	1130	1314	1215
1998-99	9594	5957	2710	1308	5194	999	119	205	520	402	1051	1493	1550
1999-00	10217	6528	2920	1560	4981	1156	136	137	977	460	1203	1303	1912
2000-01	13128	9390	4637	1952	5796	1195	154	165	870	594	1671	3378	2106
2001-02	13538	9489	4983	1980	5647	1089	189	163	886	666	1833	3680	1911
2002-03	14474	9418	5500	2240	5641	1102	265	158	1053	675	2015	3319	1924
2003-04	11994	9428	2325	2668	6136	1113	189	165	812	613	2532	2950	1919
2004-05	16335	9416	5942	2581	7043	1065	181	208	613	208	2556	2979	2375
2005-06	18158	9119	6692	2437	8474	1092	190	195	548	209	2254	2962	2224
2006-07	21173	9829	7769	2900	9689	1082	276	190	567	198	2872	2932	2527
2007-08	22504	10944	7006	3011	11648	1245	277	331	604	225	2969	3468	2664
2008-09	25821	13476	7358	4351	13474	1579	349	270	792	172	3848	3628	3476
2009-10	28298	15381	8010	4522	14586	1799	356	533	818	386	4528	3520	4621
2010-11	31273	16377	7917	4407	16846	2057	202	348	1140	390	5168	4408	4767
2011-12	33861	18559	9818	5323	19916	2429	197	394	1136	636	2794	4565	5212
2012-13	40921	28002	10101	6256	25066	8207	139	445	1096	464	4519	6899	5731
2013-14	42410	30000	11099	6607	25014	7439	160	900	1434	1378	4703	6860	6816
2014-15	57599	32375	12731	5601	30997	8696	361	404	2595	1183	10915	9469	7022
2015-16	62338	44245	13790	5333	37416	8273	401	370	3493	9978	7238	20291	0
2016-17	68670	51555	16470	6511	40237	7738	283	343	2802	10200	8878	26763	0
2017-18	66728	50169	14301	6987	42687	6953	310	358	4186	1379	5244	26016	9476
2018-19	54916	40871	12843	6976	35077	7465	286	484	3745	2017	2965	20984	2965
2019-20	69042	48261	16262	6534	41379	6539	356	454	5681	12372	5364	16998	5364
2020-21	78067	43451	17245	5297	50479	5344	313	158	4661	11991	5369	20661	0
CHENNAI													
1995-96	33879	20365	6826	2850	16313	6173	1987	1138	387	170	8366	5175	4859
1996-97	38378	20933	7194	3113	17582	6816	2292	1081	328	187	10982	4452	5284
1997-98	41676	24860	7913	3994	18954	7723	2897	1526	381	232	11541	4912	6473
1998-99	43928	26834	8829	4284	19232	8453	3016	1701	337	276	12514	4898	7222
1999-00	45968	31440	8568	5071	21146	9915	3896	1725	314	235	12062	4712	8792
2000-01	47473	43713	7506	6807	24738	12302	4283	2408	522	289	10424	11228	10679
2001-02	62497	41143	6951	6431	22852	10610	3823	1888	353	253	28518	13052	8909
2002-03	44604	31936	8106	5067	20508	10965	4551	2256	381	304	11058	4911	8433
2003-04	41358	33939	10365	4791	23046	10043	3172	1989	273	252	4502	7800	9064
2004-05	47496	35901	11353	5920	25392	10352	3272	1938	347	345	7132	7254	10092
2005-06	52026	36190	11975	5553	26342	11202	3492	2409	1360	434	8857	4895	11697
2006-07	67370	41092	14326	5591	33203	12388	4766	2349	1202	461	13873	6284	14019
2007-08	89040	45914	14696	6396	40568	13699	5074	2716	2471	524	26231	5829	16750
2008-09	85344	58678	16951	6973	43501	16303	4835	2781	1863	564	18194	13127	18930
2009-10	90315	69199	19597	7946	46298	18320	4272	3778	1668	736	18480	15915	22504
2010-11	87577	80770	19111	9384	44532	19458	2868	4099	1881	844	19185	22797	24188
2011-12	84036	81823	17519	9735	41260	17527	2220	3969	1712	786	21325	25343	24463
2012-13	88368	86542	19067	11174	40684	16945	1742	3453	1591	900	25284	27867	26203
2013-14	81175	98553	19724	11085	36978	16700	1984	3677	1346	970	21143	39135	26986
2014-15	92630	90322	23107	9704	43029	16562	2292	3363	1446	789	22756	33840	26064
2015-16	98372	94151	29804	9177	42684	15320	1698	2928	1685	530	22501	37931	28265
2016-17	95216	93957	29134	9182	42211	14112	1934	3004	4264	728	17673	38134	28797
2017-18	95260	91231	28023	9015	42285	11392	2043	2697	4086	553	18823	37786	29788
2018-19	98820	112441	30162	9275	44512	10993	2113	2876	4121	580	17912	56108	32609
2019-20	92049	91570	29963	9265	43104	11656	1557	3185	4130	690	13295	33749	33025
2020-21	108411	107828	29176	9645	43445	11373	2153	3152	4659	758	28978	52096	30804
KAMARAJAR													
2001-02	3094	6690	18	-	3059	148	-	-	-	-	17	4959	1583
2002-03	7805	7149	@	@	7687	1829	-	-	@	@	118	4889	431
2003-04	8732	9311	@	@	8564	3185	-	-	@	@	168	5535	591
2004-05	9327	8326	@	@	9200	3468	-	-	@	@	127	4153	705
2005-06	9780	8848	@	@	9232	3290	-	-	@	@	548	4897	661
2006-07	11050	7588	@	@	10105	3337	-	-	@	@	946	3481	770
2007-08	14372	3787	@	@	12802	2995	-	-	@	@	1570	6641*	792
2009-10	14553	9685	@	@	14206	9685	-	-	@	@	347	...	...
2010-11	16810	11252	@	@	16728	11252	-	-	@	@	82	...	...
2011-12	25025	15353	-	-	24864	15353	-	-	-	-	161	...	...
2012-13	32570	15233	-	-	32021	15233	-	-	-	-	549	...	...
2013-14	52065	11801	12156	-	37366	11801	-	-	671	-	1872	-	-
2014-15	59750	15401	13805	-	41518	15401	-	-	1320	-	3107	-	-
2015-16	64456	26885	14262	2752	45236	9736	-	-	2150	-	2808	14397	0
2016-17	64050	18776	14506	2607	44742	12313	-	-	2766	-	2036	3856	0
2017-18	63829	26888	13134	3236	46935	14798	-	-	3029	0	731	8854	0
2018-19	71717	37681	16318	-	51265	18177	-	-	3215	-	919	19504	0
2019-20	73377	52313	17617	4960	48228	18993	-	-	4473	-	3059	28360	0
2020-21	58742	43469	14317	5664	39985	16993	-	-	3807	0	633	20812	0

Table 3.2.9
(Contd...)

Distribution of Revenue And Expenditure at Major Ports

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expen-diture	Port and Dock Charges including Pilotage		Cargo handling and warehousing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
VISAKHAPATNAM													
1995-96	25802	19947	7000	4022	13241	4075	3473	2711	682	810	1406	5269	3060
1996-97	28349	20951	8063	4246	14413	4998	3756	3050	894	817	1223	4280	3560
1997-98	29441	21936	7773	3962	13776	5233	4749	3380	956	1021	2187	4263	4077
1998-99	29307	22424	8454	3416	13590	5895	4414	2847	917	1455	1932	4299	4512
1999-00	38002	35102	9514	4121	15733	6588	4492	2868	967	1542	7296	14949	5034
2000-01	39782	37836	9693	5146	18118	7237	5575	3861	1480	1707	4916	14085	5800
2001-02	43928	39645	12706	5023	19300	7161	5486	2987	2006	1987	4430	17281	5206
2002-03	44161	38404	13776	4766	21157	6705	5914	2917	1909	1621	1405	16636	5759
2003-04	46541	38760	13303	5033	23386	6434	6602	3324	2138	1651	1112	16634	5684
2004-05	51651	50603	14890	5230	26094	6530	7096	3582	2107	1703	1464	28250	5308
2005-06	54289	33725	15894	5630	27357	7323	7462	3889	2133	1729	1443	9415	5739
2006-07	55468	36686	16264	5814	27197	6935	7039	3589	2875	1752	2093	12307	6289
2007-08	59090	47947	17607	6891	28336	7266	8374	3854	2225	1936	2548	20014	7986
2008-09	65087	48588	18766	6878	28772	9850	8853	4428	3582	2568	5114	13601	11263
2009-10	71767	67392	20574	8540	30967	10774	10618	5708	3921	2408	5687	20921	19041
2010-11	81630	64223	22159	8285	36910	12947	10088	6003	4707	2692	7766	23452	10844
2011-12	118133	127672	22956	9379	33997	13228	10431	6589	5658	2897	45091	84036	11543
2012-13	88952	85248	22189	11203	32179	13472	10565	7011	5355	3021	18664	36306	14235
2013-14	94974	91768	25406	12228	36528	15913	11838	9983	6310	3480	14892	34015	16149
2014-15	96221	85884	24880	9754	37579	12996	12174	7457	6351	3446	15237	36501	15730
2015-16	123697	120111	26993	12749	38298	11168	15379	8251	10926	22572	32101	65371	0
2016-17	104020	99491	33667	11755	30257	9490	12471	8480	15362	4617	12263	46326	18823
2017-18	120130	93977	37397	13367	37579	9502	15269	7439	16357	4939	13528	39610	19120
2018-19	130082	109990	39832	13322	41469	11308	16118	10599	22721	4013	9942	50889	19859
2019-20	147858	118291	50128	15353	51443	13528	17602	9476	21306	4785	7379	53090	22059
2020-21	0	0											
PARADIP													
1995-96	16093	12139	3202	2221	9324	2901	1674	473	949	1031	944	3522	1991
1996-97	17972	13292	3488	2658	9347	3043	1780	557	1656	1116	1701	3381	2537
1997-98	18903	13832	4159	1936	10397	3320	2268	830	849	1555	1230	3500	2691
1998-99	19251	14450	4032	2032	10175	3339	2112	726	960	1888	1972	3109	3356
1999-00	20505	15835	4898	2548	10617	3648	1991	726	936	1781	2063	3501	3631
2000-01	28449	21161	7500	3670	14834	4117	2960	1051	919	2267	2236	6067	3989
2001-02	33217	29932	8214	3587	17403	7668	3309	1549	795	2389	3496	9841	4898
2002-03	40654	32765	8843	3366	25634	8282	2904	2018	740	2520	2533	11586	4993
2003-04	43150	30380	9219	3516	27530	8566	3500	1706	1023	2672	1878	9085	4835
2004-05	49564	35447	10408	4608	31774	9571	3469	1772	1487	2836	2426	11506	5154
2005-06	55259	36127	11851	5188	33880	9737	4583	2356	1037	3715	3908	9930	5201
2006-07	64037	34743	13432	5254	38850	11966	6289	3311	1105	2577	4361	6485	5150
2007-08	67980	34890	13325	6159	41278	12183	8306	4227	1089	2509	3982	3311	6501
2008-09	72486	38734	15044	7727	43711	12839	9001	4267	1014	3615	3716	2916	7370
2009-10	87050	43130	18622	10629	44670	13262	9914	3670	1680	3438	12164	4070	8061
2010-11	85115	43519	17693	9245	41456	13920	9495	4155	1893	3691	14578	4404	8104
2011-12	80984	47679	17731	8997	35100	15057	8715	3276	2392	4963	17046	5913	9473
2012-13	79822	52382	19663	9342	36569	15763	9676	4150	2463	4081	11451	8774	10272
2013-14	106816	72804	26526	15239	48272	18206	13421	4125	3240	4850	15357	17842	12542
2014-15	116043	74313	28937	17613	56412	18634	13451	4361	2813	5026	14430	14541	14138
2015-16	117093	77818	32016	14775	48697	18372	18761	5158	2916	5130	14703	20276	14107
2016-17	126577	84277	35799	14551	55480	19338	20176	5433	3265	5813	11857	23257	15885
2017-18	157951	103686	38194	15089	66572	18063	24163	6242	3762	5795	25260	38763	19734
2018-19	158085	97539	43533	14770	69790	18338	24004	5996	5699	6958	15059	31518	19959
2019-20	172503	104378	49171	17256	78571	17029	23430	6974	5154	6194	16177	37686	19239
2020-21	163174	16826	49942	0	82346	16826	25803	0	5083	0	0	0	0

Table 3.2.9
(Contd...)

Distribution of Revenue And Expenditure at Major Ports

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expen-diture	Port and Dock Charges including Pilotage		Cargo handling and warehousing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
SMP (HALDIA DOCK COMPLEX)													
1995-96	27174	18934	9975	5932	12039	2019	1656	875	1442	891	2062	6889	2328
1996-97	35325	22418	14649	9513	13428	2371	2109	965	1735	1009	3404	5807	2753
1997-98	47977	30927	22965	15728	17041	2749	2489	1127	1680	1064	3802	7163	3096
1998-99	68322	57040	43545	36724	16644	3132	2309	1478	1809	1210	4015	10772	3724
1999-00	59944	51750	36169	29979	15647	3434	2532	1534	2390	1438	3206	10897	4468
2000-01	75312	65655	46974	31983	18356	4152	2746	1445	3027	1698	4209	21386	4991
2001-02	95985	79137	62575	35256	22630	4277	3085	1608	3230	1547	4465	31703	4746
2002-03	69454	56779	31839	33273	25967	4414	3711	1586	3529	1401	4408	11427	4678
2003-04	77801	58936	38433	35247	28208	4370	4103	1873	3955	1416	3102	11282	4748
2004-05	80831	57602	39556	33667	29320	4603	3897	1805	4768	1491	3290	11109	4927
2005-06	90332	65283	41177	42830	31966	5221	4382	1905	5685	1638	7122	8404	5285
2006-07	105835	62300	53621	39588	31963	5290	4563	1757	5662	1815	10026	8278	5572
2007-08	103076	59826	58665	35125	30654	6183	5507	2082	5583	1592	2667	8898	5946
2008-09	106196	86784	58049	37022	30868	6908	6345	2985	6478	1951	4456	30336	7582
2009-10	110676	91548	59478	44190	21964	8295	7576	3330	8324	2555	13334	24081	9097
2010-11	73716	92253	20982	42282	29047	9342	8018	3202	8207	2292	7462	25730	9405
2011-12	83596	95623	23606	39842	34099	12121	9396	4081	10187	2353	6308	26785	10441
2012-13	58185	67954	7213	12812	21283	13837	1515	1491	19636	1679	8538	22803	15332
2013-14	86385	119651	28289	47188	24613	11637	8261	3249	11489	2935	13733	41369	13273
2014-15	58869	72867	10069	15108	28167	16593	2492	2076	13129	891	5012	19454	18745
2015-16	118763	121202	60806	53460	39165	20738	11242	5799	4721	1718	2829	39487	0
2016-17	133488	124789	57311	44765	55044	31862	11859	5316	5146	1779	4128	41067	0
2017-18	174429	138460	64521	49757	73869	39305	14913	5356	5979	2092	15147	41950	0
2018-19	180466	131498	69054	50634	80546	44839	15906	6007	10599	1099	4361	28919	0
2019-20	176195	127001	64659	44305	81410	47278	16241	6065	7892	1388	5993	27965	0
2020-21	205127	131138	79513	43087	89241	49383	15664	6066	8241	1067	12468	31535	0
SMP (KOLKATA DOCK SYSTEM)													
1995-96	21680	21455	4886	5554	13180	2915	934	745	1894	246	786	6485	5510
1996-97	23990	22571	4869	5871	14218	3067	891	837	2329	355	1683	6354	6087
1997-98	26104	25807	5638	6403	15514	2933	861	1173	2559	424	1532	8380	6494
1998-99	27863	29543	6553	7747	15941	3154	919	1172	2763	625	1687	9589	7256
1999-00	27500	31330	6991	7938	14999	3379	660	1026	3078	593	1772	10332	8062
2000-01	27484	37895	6262	9432	13859	4207	661	1196	3835	841	2867	13224	8995
2001-02	28053	32863	8063	8561	10793	3771	611	1127	3706	700	4880	10591	8113
2002-03	23266	28816	5681	8210	11981	3596	665	833	3455	506	1484	7703	7968
2003-04	21454	30774	3303	7164	11540	3737	675	668	3697	925	2239	11019	7261
2004-05	22985	30177	2563	6724	11710	3732	932	798	5528	984	2252	10847	7092
2005-06	30673	28657	5118	6724	14258	5698	1132	706	8111	952	2054	7299	7278
2006-07	31658	30875	3436	6707	16553	6852	945	999	8259	1182	2465	7714	7421
2007-08	38843	31773	3927	7032	19172	7563	1165	1024	9282	1175	5297	7380	7599
2008-09	37281	52021	4624	8636	17431	8823	1333	1182	9982	1366	3911	22055	9959
2009-10	41937	55616	5925	12169	19382	11227	1565	1532	11558	1433	3507	17256	11999
2010-11	42885	54062	6009	11915	18533	12056	1379	1563	13221	1831	3743	13814	12883
2011-12	61955	59872	6783	12263	19878	12268	2012	1778	25136	1797	8146	17758	14008
2012-13	136789	170042	32100	56614	48318	24447	9768	4490	30607	4453	15996	52843	27195
2013-14	65318	62460	7854	14692	21426	1614	1651	2024	15996	913	18391	25484	17733
2014-15	58869	72867	10069	15108	28167	16593	2492	2076	13129	891	5012	19454	18745
2015-16	74073	95956	18379	23871	44094	29252	2595	3012	5158	2009	3847	37812	0
2016-17	68720	94322	11642	21154	45326	29703	2565	2904	5183	2192	4004	38369	0
2017-18	91673	167230	13229	21908	30017	17623	3207	186	25638	3898	19582	87413	36201
2018-19	83521	168819	12809	24702	49546	31199	3936	3339	12448	8247	4782	63463	37869
2019-20	83970	130667	12472	26798	53961	31994	3325	4012	4427	8689	9785	59174	0
2020-21	74518	138300	11442	27127	47924	31568	2893	3275	7535	3772	4724	72558	0

Table 3.2.9
(Contd...)

Distribution of Revenue And Expenditure at Major Ports

(Rs. in Lakh)

Port/ Year	Total Revenue	Total Expen-diture	Port and Dock Charges including Pilotage		Cargo handling and warehousing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
ALL PORTS													
2000-01	426180	416617	129608	96210	183702	82258	17237	12441	23983	14270	71650	147112	64331
2001-02	480571	422331	154719	95081	192863	80104	17677	11274	24754	14517	90558	160118	61237
2002-03	491109	375631	132642	90965	213937	82281	19122	11697	25978	15178	99430	115378	60132
2003-04	474001	407542	139784	94719	237435	84718	19217	11684	26453	14900	51112	139625	61896
2004-05	545293	435546	160116	98640	259953	91151	20192	12127	31496	15255	73536	154416	63957
2005-06	598130	393691	172358	108072	276819	92208	22976	13834	38126	18385	87851	93437	67755
2006-07	686641	441690	183630	107506	302627	103304	26818	15127	43677	17244	129889	124292	74217
2007-08	717662	468029	187076	113852	320149	110047	32181	17174	46291	19046	131965	121108	86802
2008-09	748785	573615	204178	132176	325267	119020	34304	18927	48323	23442	136713	174834	105216
2009-10	797668	651731	228014	153836	331844	146468	37801	22270	55471	25512	144538	177562	126083
2010-11	800844	704312	193771	154726	362441	174301	36409	23087	64752	27635	143471	194840	129723
2011-12	926719	832993	212228	163967	382281	193074	38734	24187	82377	29925	211099	280597	141243
2012-13	995600	944463	243701	193778	403627	225025	39615	25819	93874	36188	214783	290569	173084
2013-14	1008538	985655	276284	205028	389280	204194	44406	28788	97653	33568	200915	345503	168574
2014-15	1034637	934623	279910	172248	439881	219641	42198	23801	115098	33438	157550	309069	176426
2015-16	1268113	1066285	378508	235204	561681	236008	60983	30650	98636	62058	168305	408226	94139
2016-17	1355196	1063861	418152	220156	590731	253778	61609	31831	134359	55905	150345	364988	137203
2017-18	1492423	1223502	431128	218616	647029	251666	72735	27509	159210	51090	182322	466309	208313
2018-19	1539176	1303753	474214	225843	684329	275747	73156	35385	166398	56679	141079	499803	210296
2019-20	1624919	1183773	524162	241044	722291	275384	73664	36355	150755	68501	154046	401926	160564
2020-21	1486828	1053453	484535	210328	672558	261667	59169	17324	134996	53035	135570	392952	118147

Source : Major Ports

Table 3.2.10 Operating Financial Parameters for Major Ports

(Rs. In Lakh)

Item/Year	Deendayal	Mumbai	J.L. Nehru	Mormugao	New Mangalore	Cochin	V. O. Chidambaranar	Chennai	Kamarajar	Vishakha patnam	Paradip	SMP (Haldia)	SMP (Kolkata)	All Ports
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Operating Income														
2002-03	21197	45892	44125	18759	20241	20068	12459	33546	7687	42756	38121	65046	21782	391679
2003-04	21091	46039	53931	20769	22416	20146	12462	36856	8564	45429	41272	74699	19215	422889
2004-05	23626	57096	63009	21565	26771	20748	13779	40364	9200	50187	47138	77541	20733	471757
2005-06	25419	66024	67032	22106	25472	19895	15904	43169	9232	52846	51351	83210	28619	510279
2006-07	33126	75791	80279	25794	25598	21208	18301	53497	10104	53375	59676	95809	31386	583944
2007-08	34157	81815	89082	24751	27109	22009	19535	62809	12802	56542	63998	100409	36213	631231
2008-09	40876	80875	96506	27549	30099	20840	21973	67149	13776	59973	69671	101739	36477	667503
2009-10	44919	89514	104206	32683	31845	23208	24040	71835	14266	66080	74887	97342	45078	719903
2010-11	49191	95500	112263	37186	30791	27608	26106	68391	16731	73864	70538	103530	45985	757684
2011-12	62371	102305	116715	35920	37226	30710	30767	62711	24865	72642	63939	98259	56606	795036
2012-13	78041	115444	108511	22187	33462	31161	36402	63084	32571	70288	68373	79815	50409	789748
2013-14	74412	130488	134529	21147	36512	36254	37708	60033	52066	80082	91460	104325	53165	912181
2014-15	88469	139978	150808	28675	39366	38582	46684	69875	56644	80985	101615	117662	59697	1019040
2015-16	90857	147792	166510	34285	36471	43725	40054	54188	59498	90753	102390	108861	65068	1040452
2016-17	138315	147780	170097	44360	45451	49623	59793	77543	59248	91758	114719	121737	59533	1179957
2017-18	147535	156046	189088	42569	50476	52679	61484	76437	63098	106381	132690	149895	82478	1310856
2018-19	165747	149802	198899	38268	60050	58551	51950	80908	70798	120139	143026	161608	89357	1389103
2019-20	172816	166234	189961	43117	57214	64903	58290	78755	70318	140418	156326	162271	65897	1426520
2020-21	171795	170561	192119	44667	59564	68332	54952	79433	58109	144569	163174	180740	61866	1449881
Operating Expenditure														
2002-03	13971	43099	21231	12832	9603	14721	6099	27025	2260	21768	21179	45352	21113	260253
2003-04	16558	42258	23406	13473	10811	14188	6478	26139	3776	22126	21295	47654	19755	267917
2004-05	17278	45920	27181	13938	10814	14625	6437	28647	4173	22353	23941	46493	19330	281130
2005-06	17288	46041	27033	14230	12011	13504	6157	31295	3951	24310	26197	56879	21358	300254
2006-07	21186	50263	28795	16022	12936	14757	6897	34808	4107	24379	28260	54022	23161	319593
2007-08	24797	56725	31379	18463	13987	18120	7476	40085	3788	27933	25078	50929	24392	343152
2008-09	32646	62989	37537	21978	15194	19546	9847	45551	3533	34987	35817	56448	29966	406039
2009-10	36048	72022	39370	23525	18326	23295	11861	53284	3084	46471	39060	67437	38360	472143
2010-11	38216	77500	44445	24172	18759	27449	11969	57973	3263	40771	39115	66523	40248	490403
2011-12	50598	82147	49963	25889	19658	28214	19469	56480	4423	43636	41766	68828	42125	533196
2012-13	51497	94509	59834	25976	20308	36739	21102	58675	4496	48942	44111	72021	45178	583388
2013-14	60022	96582	61103	24108	23576	38278	23141	59417	5710	57755	54965	78283	51502	634442
2014-15	62059	106810	67151	24695	24875	36627	22913	56481	5878	49384	59775	85476	53414	655538
2015-16	62158	107569	69312	23923	24791	36636	23954	56220	9736	55169	57542	79997	56135	663142
2016-17	65879	111167	80497	26799	28285	36851	24791	55823	12313	53164	61020	81944	32606	671139
2017-18	67799	122592	75124	27383	29120	36722	24153	53445	15557	54170	64922	94419	58813	724219
2018-19	70540	122126	76371	25973	27814	37467	26716	56333	18177	59101	66021	101480	59240	747359
2019-20	71404	120570	86913	24632	27284	35567	25410	57821	18993	66255	66692	97648	62804	761993
2020-21	77649	112209	101953	25131	26159	34343	22790	55733	22657	65415	67712	98536	61770	772057

Table 3.2.10 (Contd...)

Operating Financial Parameters for Major Ports

(Rs. In Lakh)

Item/Year	Deendayal	Mumbai	J.L. Nehru	Mormugao	New Mangalore	Cochin	V.O. Chidambarnar	Chennai	Kamarajar	Visakha patnam	Paradip	Haldia Dock Complex	Kolkata Dock System	All Ports
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Operating Surplus														
2002-03	7226	2793	22894	5927	10638	5347	6360	6521	5427	20988	16942	19694	669	131426
2003-04	4533	3781	30525	7296	11605	5958	5984	10717	4788	23303	19977	27045	(-)540	154972
2004-05	6348	11176	35828	7627	15957	6123	7342	11717	5027	27834	23197	31048	1403	190627
2005-06	8131	19983	39999	7876	13461	6391	9747	11874	5281	28536	25154	26331	7261	210025
2006-07	11940	25528	51484	9772	12662	6450	11404	18689	7103	28996	31416	41787	8225	265456
2007-08	9360	25090	57703	6288	13122	3889	12059	22724	9014	28609	38920	49480	11821	288079
2008-09	8230	17886	58969	5571	14905	1294	12126	21598	10243	24986	33854	45291	6511	261464
2009-10	8230	17886	58969	5571	14905	(-)87	12126	21598	10243	24986	33854	45291	6511	261464
2009-10	4828	8853	57136	4024	11773	(-)87	10112	13865	10692	13502	30611	34302	-1883	195360
2010-11	10975	18000	67818	13014	12032	(-)87	14137	10418	13468	33093	31423	37007	5737	267281
2011-12	11773	20158	66752	10031	17568	(-)88	11298	6231	20442	29006	22173	29431	14481	261840
2012-13	26544	20935	48677	-3789	13154	-5578	15300	4409	28075	21346	24262	7794	5231	206360
2013-14	14390	33906	73426	-2961	12936	-2024	14567	616	46356	22327	36495	26042	1663	277739
2014-15	26410	33168	83657	3980	14491	1955	23771	13394	50766	31601	41840	32186	6283	363502
2015-16	28699	40223	97198	10362	11680	7089	16100	-2032	49762	35584	44848	28864	8933	377310
2016-17	72436	36613	89600	17561	17166	12772	35002	21720	46935	38594	53699	39793	26927	508818
2017-18	79736	33454	113964	15186	21356	15957	37331	22992	47541	52211	67768	55476	23665	586637
2018-19	95206	27676	76371	12295	32236	21084	25234	24575	52621	61038	77005	60128	30117	641743
2019-20	101412	45664	103048	18485	29930	29336	32880	20934	51325	74163	89634	64623	3093	664527
2020-21	94146	58352	90166	19536	33405	33989	32162	23700	35452	79154	95462	82204	96	677824

Net Surplus (before tax)

2000-01	17065	(-)36735	10121	2220	4289	(-)3375	3738	3760	-	1946	7288	9657	(-)10411	9563
2001-02	19240	(-)15950	11297	773	4969	(-)3502	4049	21354	(-)3596	4283	3285	16848	(-)4810	58240
2002-03	17207	31386	17935	2336	5524	1940	5056	12668	656	5757	7889	12675	(-)5550	115478
2003-04	9062	(-)16254	26206	2737	5940	2134	5566	7419	(-)579	7781	12770	18865	(-)9320	66459
2004-05	19343	4676	33613	2265	7798	364	6919	11595	1001	1048	14117	23229	(-)7192	109747
2005-06	20001	28320	43716	4735	14368	2960	9039	15836	932	20564	19132	25049	2016	204439
2006-07	21624	18698	56915	4047	10916	2666	11345	26279	3462	18782	29292	43535	2976	250537
2007-08	24709	26796	67759	3985	12696	449	11560	43126	3943	11144	33090	43250	9737	292244
2008-09	22349	10749	71230	1133	14801	(-)1475	12346	26666	5224	16499	34654	19411	(-)13761	235062
2009-10	20168	2999	78337	2306	12866	(-)8926	13187	21115	5893	4375	43922	19158	(-)7030	224326
2010-11	16148	13995	78667	5499	10826	(-)8608	14897	6806	6986	17408	41595	18740	(-)4335	231567
2011-12	22751	7666	89295	2436	16657	(-)8392	14703	2213	12078	-9939	33306	8944	4880	204990
2012-13	38966	(-)4283	73017	(-) 10755	15126	(-)6515	12922	1827	21674	3704	26939	(-) 20788	(-) 9034	194175
2013-14	13315	(-)9759	76706	(-)10568	12701	(-)10790	14355	1738	40020	3204	34010	(-) 1594	(-) 5430	196049
2014-15	46935	-20984	84242	-3373	13094	(-)7204	21900	2309	42582	10337	41729	-1312	-5534	231925
2015-16	42212	-47357	109162	569	11718	-4053	18142	4221	37572	3585	39275	-2439	-21883	190724
2016-17	69386	-32685	134474	5912	14425	-2716	17117	1259	48009	4532	42299	8699	-25601	285110
2017-18	54645	-41653	144226	223	19054	1354	16559	4029	42328	25953	54265	35969	-52461	304491
2018-19	54070	-60704	95733	805	26406	1918	7215	-13621	34385	20091	60546	48968	-42455	233357
2019-20	103679	19333	130495	747	21008	2130	21238	479	45060	30583	68125	53045	-44791	451131
2020-21	64459	9702	121166	212	21609	720	16870	582	29584	40530	96571	73989	-63581	412413

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
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

Table 3.2.12

Employment of Manpower at Major Ports as on 31st March (2013-2021)

(In Numbers)

PORT	Year								
	2013	2014	2015	2016	2017	2018	2019	2020	2021
1	2	3	4	5	6	7	8	9	10
DPT	4221	3299	3112	2883	3339	2586	2446	2446	2023
MbPT(a)	15358	12017	10897	9969	9445	8629	7540	6429	5404
JNPT	1706	1697	1669	1638	1615	1567	1521	1473	1403
MoPT	2538	2330	2194	2068	1954	1730	1613	1517	1408
NMPT(c)	1435	1332	1255	1125	947	808	732	626	482
CoPT(a)	2766	2530	2308	2067	1899	1723	1574	1394	1246
VOC(b)	1813	1646	1496	1366	1000	878	774	691	617
ChPT	6582	5991	5733	5502	4597	4336	4126	3953	3704
KPL	100	102	102	102	103	98	108	102	99
VPT	4941	4703	4596	4158	3678	2778	3348	3150	2969
PPT	2234	2015	1771	1454	1222	1007	910	758	639
SMP(KDS)	4828	4503	4150	3792	3425	3754	2794	2527	2268
SMP (HDC)	2887	2678	2454	2193	2011	1836	1476	1252	1068
ALL MAJOR PORTS	51409	44843	41737	38317	35235	31730	28962	26318	23330

Source: Major Ports

**Table
3.2.13****Number of Dock Workers Registered With DLB'S of
Major Ports [As on 31st March,2013-2021]****(In Numbers)**

PORT	year								
	2013	2014	2015	2016	2017	2018	2019	2020	2021
1	2	3	4	5	6	7	8	9	10
DPT	(a)	(a)	(a)	593	593	0	0	0	1
MbPT	(a)	(a)	(a)	1946	(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	846	892	868	829	798	738	707	628	571
SMP (KDS)	181	173	154	137	116	85	77	71	66
TOTAL	1027	1065	1022	3505	1507	823	784	699	638

(a) Dock Labour Board merged with Port Trust.

**Table
3.2.14****Number of Dock Workers Registered Listed With Major Ports [As on
31st March,2013-2021]****(In Numbers)**

PORT									
	2013	2014	2015	2016	2017	2018	2019	2020	2021
1	2	3	4	5	6	7	8	9	10
ChPT	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
VPT	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-

(a) DLB merged with Port.

Table 3.3.1

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

(In'000 Tonnes)

States/ U.T.	Overseas			Coastal			Overseas & Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
GUJARAT									
2009-10	129885	42967	172852	15242	17489	32731	145127	60456	205583
2010-11	136606	59900	196506	16896	17505	34401	153502	77405	230907
2011-12	157742	63572	221314	17749	19987	37736	175491	83559	259050
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
MAHARASHTRA									
2009-10	4971	646	5617	6092	337	6429	11063	983	12046
2010-11	4730	2411	7141	7539	195	7734	12269	2606	14875
2011-12	9196	3421	12617	7102	228	7330	16298	3649	19947
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
GOA									
2009-10	218	13679	13897	-	-	-	218	13679	13897
2010-11	96	14468	14564	17	-	17	113	14468	14581
2011-12	165	14305	14470	-	-	-	165	14305	14470
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
ANDHRA PRADESH									
2009-10	22546	17781	40327	1441	1922	3363	23987	19703	43690
2010-11	28663	11523	40186	1337	1744	3081	30000	13267	43267
2011-12	31364	8558	39922	2208	3503	5711	33572	12061	45633
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

Note:- Gujarat Container cargo is included in Overseas (Unloaded 393.67 Lakh tonnes & Loaded 393.44 Lakh tonnes) , Coastal (Unloaded 2.64 Lakh tonnes & Loaded 2.60 Lakh tonnes)

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

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

(In'000 Tonnes)

States/ U.T.	Overseas			Coastal			Overseas & Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
KARNATAKA									
2009-10	120	8186	8306	171	70	241	291	8256	8547
2010-11	86	2778	2864	99	132	231	185	2910	3095
2011-12	82	353	435	85	72	157	167	425	592
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
KERALA									
2009-10	-	14	14	34	71	105	34	85	119
2010-11	1	8	9	37	78	115	38	86	124
2011-12	-	6	6	17	81	98	17	87	104
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
TAMIL NADU									
2009-10	218	11	229	621	324	945	839	335	1174
2010-11	306	7	313	811	487	1298	1117	494	1611
2011-12	307	1	308	544	358	902	851	359	1210
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
PUDUCHERRY									
2009-10	1278	38	1316	-	-	-	1278	38	1316
2010-11	4627	101	4728	-	-	-	4627	101	4728
2011-12	6240	168	6408	-	13	13	6240	181	6421
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

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

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

(In'000 Tonnes)

States/ U.T.	Overseas			Coastal			Overseas & Coastal		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
ODISHA									
2009-10	174	291	465	-	-	-	174	291	465
2010-11	174	291	465	-	-	-	174	291	465
2011-12	5064	-	5064	-	20	20	5064	20	5084
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
ANDAMAN NICOBAR ISLANDS									
2009-10\$	476	10	486	1082	506	1588	1558	516	2074
2010-11	342	-	342	985	352	1337	1327	352	1679
2011-12	10	-	10	950	248	1198	960	248	1208
2012-13	7	-	7	854	205	1059	861	205	1066
2013-14 a	51	-	51	797	301	1098	848	301	1149
2014-15 b	17	-	17	874	265	1139	891	265	1156
2015-16 c	45	-	45	999	279	1278	1044	279	1323
2016-17 d	48	-	48	939	289	1228	987	289	1276
2017-18 e	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
LAKSHADWEEP									
2009-10	-	-	-	26	-	26	26	-	26
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	-	-	-	-	-	-	-	-	-
2019-20	-	-	-	-	-	-	-	-	-
2020-21	-	-	-	-	-	-	107.54	7.97	115.51
TOTAL									
2009-10	159886	83623	243509	24709	20719	45428	184595	104342	288937
2010-11	175631	91487	267118	27747	20493	48240	203378	111980	315358
2011-12	210170	90384	300554	28681	24510	53191	238851	114894	353745
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	359815.0	136729.9	496544.9	48320.9	32322.1	80643.1	408243.5	169060.0	577303.5

Note:-Andaman & Nicobar Container cargo is included in Coastal*Unloaded* (5.45Lakh tonnes) & Loaded (1.52 Lakh tonnes)

:- N.A

Table 3.3.2

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

(In '000 Tonnes)

States	POL & Products	Iron ore	Building Material	Coal	Fertiliser & FRM	Container	Others	Total
1	2	3	4	5	6	7	8	9
GUJARAT								
2005-06	60149	5191	11000	10541	3636	0	13010	103527
2006-07	71159	5713	11231	11306	4208	0	27648	131265
2007-08	80484	6076	12430	13313	4361	0	33857	150521
2008-09	87382	5900	9585	16464	5092	0	28388	152811
2009-10	132817	6845	9321	21636	5021	0	29943	205583
2010-11	140874	7156	8798	29731	6085	0	38263	230907
2011-12	151487	6919	9022	38372	7185	0	46065	259050
2012-13	165137	7636	8408	54337	6418	24618	21263	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
MAHARASHTRA								
2005-06	230	4947	1495	2550	38	0	1896	11156
2006-07	576	4582	1772	2290	473	0	1887	11580
2007-08	396	3735	2251	1992	442	0	2547	11363
2008-09	0	4273	2352	1460	277	0	2054	10416
2009-10	0	5055	2199	2880	221	0	1691	12046
2010-11	0	5120	2277	4997	228	0	2253	14875
2011-12	0	6362	2490	7589	230	0	3276	19947
2012-13	397	7818	2042	10396	84	0	3461	24198
2013-14	1123	7615	1998	9715	140	0	4073	24664
2014-15	1248	8824	2120	10924	171	0	4008	27295
2015-16	3225	7611	2243	12173	151	0	3446	28849
2016-17	2161	15049	2506	11137	243	0	3798	34894
2017-18	2528	13378	2125	15481	870	0	3523	37906
2018-19	2655	17653	2329	18750	526	0	3874	45786
2019-20	3779	9547	2408	22253	952	0	4721	43661
2020-21	177	9439	1785	18988	408	1	9046	39844
GOA								
2005-06	0	11428	0	333	0	0	1	11762
2006-07	0	14027	0	279	0	0	0	14306
2007-08	0	12736	0	89	0	0	0	12825
2008-09	0	11901	0	0	0	0	0	11901
2009-10	0	13679	0	218	0	0	0	13897
2010-11	0	14581	0	0	0	0	0	14581
2011-12	0	14305	0	165	0	0	0	14470
2012-13	0	3276	0	113	0	0	0	3389
2013-14	0	0	0	284	0	0	0	284
2014-15	0	347	1	412	0	0	0	760
2015-16	0	260	0	170	0	0	0	430
2016-17	0	117	0	0	0	0	0	117
2017-18	0	72	0	0	0	0	0	72
2018-19	0	0	0	0	0	0	15	15
2019-20	0	2	0	0	0	0	6	8
2020-21	0	7	0	0	0	0	29	35

Note : Gujarat - Containers cargo is included.

Table 3.3.2(Contd...)

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

(In '000 Tonnes)

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

Table 3.3.2(Contd...)

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

(In'000 Tonnes)

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

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

Table 3.3.3

Transshipment Traffic at Non-Major Ports

(In '000 Tonnes)

State/Port	Commodity	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
1	2	3	4	5	6	7	8	9
GUJARAT								
Magdalla	Others	-	414	-	-	-	-	-
MAHARASHTRA	Others	-	-	-	-	-	-	4355
ANDHRA PRADESH								
Krishnapatnam	Container	-	-	-	-	-	-	2329
Karnataka								
Belekeri	Barges	-	-	1	-	-	-	-
Hangakatta	Barges	-	-	1	-	-	-	-
Malpe	Barges	-	-	1	-	-	-	-
TAMIL NADU								
Nagapattinam	Others	-	2	1	-	-	-	-
Cuddalore		-	-	2	-	-	-	-
Orissa								
Dharma	Others	-	-	-	-	-	2736	-
	POL-Crude	-	-	-	-	-	-	3446
Kerala								
Kollam	Others	-	-	-	-	-	-	1
Koavalam/Vizhinjar	Others	7	-	-	-	-	-	-
PUDUCHERRY								
Karaikal	Ethylene	20	9	-	-	-	-	-
ANDAMAN & NICOBAR								
Port Blair	Container	-	6	34	30	46	66	32
	Others	-	-	-	-	-	1	0
Total Transhipmer		27	431	40	30	46	2802	10163

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
2010-11	0	0	7341	6194	7342	6194
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

Table 3.3.5

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

(In '000 Nos.)

State/UT/Port	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
1	2	3	4	5	6	7	8	9	10	11	12
GUJARAT	0	0	0	0	0	0	0	1	2	1	0
Embarked	-	-	-	-	-	-	-	1	1	1	-
Disembarked	-	-	-	-	-	-	-	1	1	1	-
MAHARASHTRA	10565	17926	18415	17800	17835	18072	18282	19119	19291	15908	9173
Embarked	5860	9549	9758	9477	9693	9770	9928	10439	10620	15335	6164
Disembarked	4705	8378	8657	8322	8142	8303	8355	8680	8672	573	3008
KERALA	21	1	18	25	23	17	18	16	16	16	3
Embarked	10	1	9	15	12	9	9	8	8	9	1
Disembarked	11	1	9	10	11	8	9	8	7	7	2
TAMILNADU	1926	2038	2070	2070	0	1992	2080	2186	2012	1996	0
Embarked	963	1019	1035	1035	0	996	1040	1093	1006	998	-
Disembarked	963	1019	1035	1035	0	996	1040	1093	1006	998	-
KARNATAKA	5	0	2	8	11	5	5	11	12	6	1
Embarked	2	0	1	4	5	3	3	6	5	4	1
Disembarked	2	0	1	4	5	3	3	4	7	2	0
ANDAMAN GROUP	1020	1009	1139	1261	1244	1920	2213	2829	3217	3078	635
Embarked	507	505	573	615	611	951	1075	1370	1607	1572	324
Disembarked	513	504	566	646	633	969	1138	1459	1610	1506	311
LAKSHADWEEP	0	0	0	322	322	0	0	0	0	0	0
Embarked	-	-	-	161	161	-	-	-	-	-	-
Disembarked	-	-	-	161	161	-	-	-	-	-	-
ALL MINOR/ INTERMEDIATE PORTS	13537	20975	21644	21485	19434	22007	22599	24162	24551	21005	9812
Embarked	7342	11073	11376	11307	10483	11729	12055	12917	13247	17918	6490
Disembarked	6194	9902	10268	10178	8952	10278	10544	11245	11303	3087	3321

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
STEAMERS										
2013-14	8577	95	-	120	216	136	184	741	-	9459
2014-15	8577	334	-	154	184	171	149	2565	-	5993
2015-16	N.A	N.A	-	151	156	272	177	1912	-	6405
2016-17 \$	9098	222	-	185	219	500	236	1697	-	9474
2017-18	9213	222	-	160	195	471	179	1721	-	4812
2018-19	9562	352	-	204	280	473	170	2088	-	13087
2019-20	9419	320	-	184	233	496	170	3519	-	16670
2020-21	8090	350	-	158	371	443	129	1706		4130
SAILING VESSELS										
2013-14	211	2247	15	791	320	289	148	1347	192	4345
2014-15	211	1623	108	820	344	225	15	-	191	1012
2015-16	N.A	N.A	75	749	353	182	21	-	191	2746
2016-17 \$	6104	231	27	805	276	127	10	-	366	3118
2017-18	3084	231	115	559	264	152	79	-	45	1941
2018-19	3072	1571	107	681	267	245	48	-	57	3830
2019-20	3117	2620	76	589	260	108	48	-	132	3162
2020-21	3410	1198	83	359	135	105	2	-	1097	2557
TOTAL										
2013-14	8788	2342	15	911	536	425	332	2088	192	13804
2014-15	8788	1957	108	974	528	396	164	2565	191	7005
2015-16	N.A	N.A	75	900	509	454	198	1912	191	9151
2016-17	15202	453	27	990	495	627	246	1697	366	12592
2017-18	12297	453	115	719	459	623	258	1721	45	6753
2018-19	12634	1923	107	885	547	718	218	2088	57	16917
2019-20	12536	2940	76	773	493	604	218	3519	132	19832
2020-21	11500	1548	83	517	506	548	131	1706	1097	6687

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

* Data relates to Andhra Pradesh is only Deep water port

\$: Gujarat, Data include(AHPPL, APPPL ,APSEZL)

Table 3.3.7

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

(In numbers)

PORT	Year										
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
1	2	3	4	5	6	7	8	9	10	11	12
GUJARAT	981	1886	1814	1723	1593	1465	1327	1251	1056	935	803
MAHARASHTRA	84	158	361	117	111	111	50	50	53	87	84
GOA	141	148	155	144	142	150	142	142	136	129	125
DAMAN & DIU	22	13	10	10	10	10	10	16	6	5	5
KARNATAKA	145	124	124	124	0	60	61	53	53	36	50
KERALA	195	136	133	683	674	675	63	89	262	271	274
TAMIL NADU	51	56	28	35	19	37	30	49	35	35	38
PUDUCHERRY	66	60	485	485	222	178	218	233	245	245	266
ANDHRA PRADESH	269	1153	1195	1195	789	789	2153	2153	2278	2331	7487
ANDAMAN & NICOBAR											
Island	448	422	425	641	647	638	623	603	623	623	279
Orissa	118	N.A	367	759	355	355	607	485	361	535	534
LAKSHADWEEP	N.A	N.A	N.A	111	111	N.A	N.A	N.A	N.A	N.A	N.A
TOTAL	2520	4156	5097	6027	4673	4468	5284	5124	5108	5232	9945

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

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

SECTION – II

4. INTERNATIONAL PORT STATISTICS

Table 4.1

World Port Traffic - Port traffic league by TEU of total Containers Handled - 2014-2019

(in '000 TEU)

Rank (2018)	Port Name	Country	Period	2014	2015	2016	2017	2018	2019	Percentage change over previous year	Avg. yearly growth rate 2015-2019
1	2	3	4	5	6	7	8	9	10	11	12
1	Shanghai	China PR of	CY	35285	36516	37132	40233	41924	43308	3.3	4.4
2	Singapore	Singapore	CY	33869	30922	30904	33667	36599	37196	1.6	4.7
3	Ningbo	China PR of	CY	19450	20636	21586	24451	26702	27451	2.8	7.4
4	Shenzhen	China PR of	CY	24030	24142	23949	25031	25775	25548	-0.9	1.4
5	Guangzhou	China PR of	CY	16363	17097	18311	20087	21547	22747	5.6	7.4
6	Busan	Korea Rep.of	CY	18683	19469	19245	19977	21663	21992	1.5	3.1
7	Qingdao	China PR of	CY	16624	17323	17998	18383	19257	20996	9.0	4.9
8	Hong Kong	China PR of	CY	22226	20073	19813	20770	19596	18303	-6.6	-2.3
9	Tianjin	China PR of	CY	14050	13881	14269	15212	16124	17345	7.6	5.7
10	Rotterdam	Netherland	CY	12298	12235	12385	13734	14513	14811	2.1	4.9
11	Dubai Ports	UAE	CY	15240	15585	14772	15368	14954	14803	-1.0	-1.3
12	Port Kelang	Malaysia	CY	10946	11887	13201	11978	12316	13581	10.3	3.4
13	Antwerp	Belgium	CY	8978	9654	10037	10451	11100	11860	6.8	5.3
14	Xiamen	China PR of	CY	8572	9215	9630	10368	10689	11081	3.7	4.7
15	Kaohsiung	Taiwan	CY	10593	10264	10465	10271	10446	10429	-0.2	0.4
16	Los Angeles	US	CY	8340	8160	8391	9343	9459	9338	-1.3	3.4
17	Hamburg	Germany	CY	9783	8821	8907	8815	8726	9258	6.1	1.2
18	Tanjung Pelepas	Malaysia	CY	8232	8797	8013	8261	8961	9077	1.3	0.8
19	Dalian	China PR of	CY	10805	9591	9735	10751	9895	8760	-11.5	-2.2
20	Laem Chabang	Thailand	CY	6581	6780	7430	7784	8105	7981	-1.5	4.2
21	Long Beach	US	CY	6821	7192	6775	7545	8091	7632	-5.7	1.5
22	Saigon Port	Vietnam	CY	5625	5882	5888	6156	6506	7554	16.1	6.5
23	New York/New Jersey	US	CY	5772	6372	6252	6711	7180	7471	4.1	4.1
24	Piraeus	Greece	CY	3493	3360	3736	4120	4886	5646	15.6	13.9
25	Tanjung Priok	Indonesia	CY	5034	5154	4935	5515	5835	5560	-4.7	1.9
26	Valencia	Spain	CY	4442	4615	4732	4832	5169	5421	4.9	4.1
27	Manila	Philippines	CY	3810	3976	4427	4270	5085	5316	4.5	7.5
28	Algeciras-La Linea	Spain	CY	4555	4516	4781	4381	4773	5125	7.4	3.2
29	Jawaharlal Nehru	India	CY	4467	4492	4500	4810	5133	5031	-2.0	2.9
30	Bremen Ports/Bremerhaven	Germany	CY	5777	5547	5518	5514	5448	4851	-11.0	-3.3
31	Tanger	Morocco	CY	3078	2971	2964	3271	3472	4802	38.3	12.8
32	Tokyo	Japan	CY	4895	4629	4735	5049	5108	4682	-8.3	0.3
33	Savannah	US	CY	3346	3737	3645	4046	4352	4599	5.7	5.3
34	Jeddah	Saudi Arabia	CY	4184	4102	3957	4151	4117	4434	7.7	2.0
35	Santos	Brazil	CY	3685	3780	3564	3854	4122	4165	1.0	2.5
36	Gioia Tauro	Italy	CY	3708	3030	3796	3391	4005	4154	3.7	8.2
37	Khor Fakkan/Shrajah	UAE	FY	4256	4414	4903	4717	4066	4143	1.9	-1.6
38	Mina Raysut (Salalah)	Oman	CY	3030	2569	3325	3940	3385	4116	21.6	12.5
39	Seattle/ Tacoma	US	CY	3428	3531	3616	3665	3798	3775	-0.6	1.7
40	Port Said	Egypt	CY	3258	3036	3203	3480	3105	3658	17.8	4.8
41	Felixtowe	UK	CY	4072	4043	4016	4160	3781	3584	-5.2	-3.0
42	Saigon NewPort	Viet Nam	CY	1329	1807	1989	2439	2922	3433	17.5	17.4
43	Metro Vancouver	Canada	CY	2913	3054	2930	3242	3396	3399	0.1	2.7
44	Barcelona	Spain	CY	2033	1965	2180	2998	3423	3313	-3.2	14.0
45	Hai Phong	Viet Nam	CY	2602	2902	3665	3773	3018	3165	4.9	2.2
46	Ambarli	Turkey	CY	3445	3062	2780	3123	3170	3105	-2.1	0.3
47	Inchon	Korea, Rep. Of	CY	2335	2368	2679	3049	3121	3085	-1.2	6.8
48	Keelung	Taiwan	CY	2943	2666	2866	2972	3132	3076	-1.8	3.6
49	Manzanillo, MX	Mexico	CY	2369	2458	2581	2830	3079	3069	-0.3	5.7
50	Chittgong	Bangladesh	CY	1867	2025	2189	2419	2706	3038	12.3	10.7

Period: CY= calendar year FY= Fiscal year

Source: Shipping Statistics Year Book 2020, Institute of Shipping Economic and Logistics (ISL)

Table 4.2 World Port Traffic - Port Traffic League by Total Cargo Traffic 2015-2019

(In Million Tons)

S.No.	Port position(a)	Country	Nature	Period	Unit	2015	2016	2017	2018	2019	% change over previous year	Avg. Yearly growth 2015-2019
1	2	3	4	5	6	12	13	14	15		16	17
1	Singapore	Singapore	1	CY	FT	576	593	628	630	627	-0.6	2.1
2	Ningbo	China, PR of	1	CY	MT	449	469	514	552	588	6.5	7.0
3	Guangzhou	China, PR of	1	CY	MT	475	544	518	534	558	4.4	4.1
4	Port Hedland	Australia	1	FY	MT	453	485	505	513	542	5.7	4.6
5	Shanghai	China, PR of	1	CY	MT	513	514	561	561	538	-3.2	1.2
6	Qingdao	China, PR of	1	CY	MT	430	444	466	495	526	6.1	5.2
7	Rotterdam	Netherlands	1	CY	MT	466	461	467	469	469	0.1	0.2
8	Busan	Korea, Rep. Of	1	CY	RT	348	350	385	461	469	1.6	7.7
9	Tianjin	China, PR of	1	CY	MT	440	428	361	366	379	3.5	-3.7
10	Dalian	China, PR of	1	CY	MT	321	318	334	343	339	2.8	1.4
11	Kwangyang	Korea, Rep. Of	1	CY	RT	272	283	292	302	310	2.6	3.3
12	Xiamen	China, PR of	1	CY	MT	201	234	252	282	293	3.9	9.9
13	Hong Kong	Hong Kong	1	CY	MT	256	257	282	259	263	1.8	0.7
14	Port Kelang	Malaysia	1	CY	MT	220	235	212	221	243	10.1	2.5
15	Antwerp	Belgium	1	CY	MT	208	214	224	235	238	1.2	3.4
16	Port of South Louisiana	US	1	CY	MT	266	268	279	275	235	-14.5	-3.1
17	Itaqui	Brazil	1	CY	MT	161	180	189	235	230	-2.4	9.3
18	Qinhuangdao	China, PR of	1	CY	MT	247	180	238	222	227	2.1	-2.1
19	Houston	US	1	CY	MT	230	224	246	244	226	-7.4	-0.4
20	Shenzhen	China, PR of	1	CY	MT	191	190	220	225	222	-1.1	3.8
21	Los Angeles	US	1	CY	MT	177	183	198	195	207	6.6	4.1
22	Ulsan	Korea, Rep. Of	1	CY	RT	171	175	180	203	202	-0.2	4.3
23	Nagoya	Japan	1	CY	RT	198	193	196	197	194	-1.1	-0.5
24	Dubai Ports	UAE	2	CY	MT	170	172	179	174	173	-0.8	0.4
25	Long Beach	US	1	FY	MT	163	161	168	181	172	-4.7	1.4
26	Newcastle	Australia	1	CY	MT	164	168	167	165	171	3.8	1.1
27	Dampier	Australia	1	FY	MT	173	168	177	173	168	-2.9	-0.7
28	Inchon	Korea, Rep. Of	1	CY	RT	158	161	165	164	157	-3.8	-0.2
29	Tanjung Pelepas	Malaysia	1	CY	MT	136	127	131	140	146	4.4	1.8
30	Metro Vancouver	Canada	1	CY	MT	138	136	142	147	144	-1.9	1.1
31	Chiba	Japan	1	CY	FT	156	154	153	153	140	-8.6	-2.7
32	Hamburg	Germany	1	CY	MT	138	138	136	136	137	0.1	-0.2
33	Santos	Brazil	1	CY	MT	120	114	130	133	134	0.6	2.8
34	Yanbu	Saudi Arabia	1	CY	MT	66	67	66	128	130	1.9	18.5
35	Gladstone	Australia	1	FY	MT	116	120	121	124	122	-1.6	1.3
36	Kaohsiung	Taiwan	1	CY	MT	111	117	116	119	114	-4.0	0.7
37	Pyeongtaek	Korea, Rep. Of	1	CY	RT	117	112	112	115	113	-1.7	-0.9
38	Paradip	India	1	FY	MT	76	89	102	109	113	3.1	10.4
39	Hay Point	Australia	1	FY	MT	116	106	120	118	111	-6.3	-1.1
40	Yokohama	Japan	1	CY	FT	115	109	114	114	111	-2.9	-0.9
41	Saigon Port	Viet Nam	1	CY	MT	83	103	95	114	110	-3.9	7.3
42	Algeiras-La Linea	Spain	1	CY	MT	92	97	96	107	109	1.9	4.3
43	Amsterdam Ports	Netherlands	1	CY	MT	99	96	99	100	104	4.4	1.2
44	Ust-Luga	Russia	1	CY	MT	88	93	103	99	104	5.2	4.3
45	Tubarao	Brazil	1	CY	MT	137	134	131	124	104	-16.6	-6.7
46	Chittagong	Bangladesh	1	CY	MT	71	80	93	98	102	3.4	9.5
47	Kitakyushu	Japan	1	CY	FT	99	99	102	102	99	-3.1	0.0
48	Saldanha Bay	South Africa	1	CY	MT	102	99	100	103	99	-4.7	-0.7
49	Corpus Christi	US	1	CY	MT	94	86	93	96	96	0.4	0.5
50	Kobe	Japan	1	CY	FT	97	98	100	95	94	-1.5	-0.8

Note: Data presented in Tables, in terms of tons handled, need a careful interpretation as ft, rt, ht and 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 were converted in to metric tonnes): MT=Metric tons. RT = Revenue tons, FT= Freight tons

Source: Shipping Statistics Year Book 2020 Published by Institute of Shipping Economics and Logistics (ISL)

Table 4.3

Cargo Traffic - For Selected Ports in Asia - 2015-2019

Port	Year	Cargo Traffic ('000 Tonnes)				Percentage distribution of cargo traffic			Container Traffic ('000 TEUs)				Percentage of Container Cargo cargo to General Cargo
		Loaded	Unloaded	Total	Growth Rate (%)	General	Dry Bulk	Liquid	Loaded	Unloaded	Total	Growth Rate (%)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Hongkong (China)	2015	103752	152736	256488	-13.9	73.7	18.4	7.9	09794	10279	20073	-9.7	93.9
	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
Shanghai (China)	2015	205625	307701	513326	-4.7	...	...	...	...	...	36516	0.0	...
	2016	255922	308144	564066	0.1	...	...	...	...	...	37132	1.7	...
	2017	227516	333358	560874	9.1	...	...	...	...	...	40233	8.4	...
	2018	229752	331541	561293	0.1	...	...	...	...	...	41924	4.2	...
	2019	217579	320738	538317	-4.1	...	...	...	...	...	43308	3.3	...
Chiba(a) (Japan)	2015	42168	114078	156246	-4.0	20.0	19.9	60.1	...	...	...	...	...
	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	...	...	...	...	...
Port kelang(a) (Malaysia)	2015	100644	119142	219786	1.1	93.1	4.6	2.2	5945	5942	11887	8.6	...
	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
Singapore(a) (Singapore)	2015	...	...	575846	0.9	62.8	3.2	34.0	...	...	30922	-8.7	91.7
	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

Table 4.3
(Contd...)

Cargo Traffic - For Selected Ports in Asia - 2015-2019

Port	Year	Cargo Traffic ('000 Tonnes)				Percentage distribution of cargo traffic			Container Traffic ('000 TEUs)				Percentage of Container Cargo to General Cargo
		Loaded	Unloaded	Total	Growth Rate (%)	General Cargo	Dry Bulk	Liquid Bulk	Loaded	Unloaded	Total	Growth Rate (%)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Dubai (UAE)	2015	65845	104383	170228	-0.9	...	...	...	7177	8407	15584	2.3	...
	2016	67072	105368	172440	1.3	...	...	...	6864	7908	14772	-5.2	...
	2017	69831	109162	178993	3.8	...	...	...	7327	8041	15368	4.0	...
	2018	68055	106031	174086	-2.7	...	...	...	7112	7842	14954	-2.7	...
	2019	66254	106522	172776	-0.8	...	...	...	6924	7878	14802	-1.0	...
Manila (Philippines)	2015	17490	39866	57356	12.4	84.1	7.8	8.1	1984	1992	3976	4.3	86.3
	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
Colombo (Sri Lanka)	2015	30447	43271	73718	4.1	...	...	...	...	...	1662	-4.9	...
	2016	33641	48580	82221	11.5	...	...	...	...	...	1600	-3.7	...
	2017	35484	51035	86519	5.2	...	...	...	...	...	1810	13.2	...
	2018	37080	51955	89035	2.9	...	...	...	...	...	2062	13.9	...
	2019	30653	49229	79882	-10.3	...	...	...	...	...	1982	-3.9	...
Busan(b) (South Korea)	2015	181041	166672	347713	3.7	93.9	2.4	3.7	10105	9363	19468	4.2	97.2
	2016	185748	163961	349709	0.6	94.0	2.4	3.6	9651	9595	19246	-1.1	97.2
	2017	209451	175079	384530	10.0	96.5	2.8	0.6	10304	9673	19977	3.8	...
	2018	237042	224419	461461	20.0	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	...
Bangkok (Thailand)	2015	9760	12088	21848	1.2	99.7	...	0.3	662	897	1559	1.5	90.4
	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	...

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

Source : Shipping Statistics Year Book 2020 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	2014-15	2015-16	2016-17	2017-18	2018-19*	2019-20#	2020-21@	Percentage Change Over Previous Year			
									2017-18	2018-19*	2019-20#	2020-21@
1.	Agriculture, forestry and fishing	1,605,715	1,616,146	1,726,004	1,840,023	1,878,598	1,982,303	2,048,032	6.6	2.1	5.5	3.3
1.1	Crops	998,425	969,344	1,020,258	1,075,111	1,049,211	1,106,545	1,127,575	5.4	-2.4	5.5	1.9
1.2	Livestock	390,449	419,637	461,572	497,830	540,970	581,450	617,117	7.9	8.7	7.5	6.1
1.3	Forestry and logging	134,609	136,960	144,547	152,351	163,949	164,416	165,624	5.4	7.6	0.3	0.7
1.4	Fishing and aquaculture	82,232	90,205	99,627	114,730	124,468	129,893	137,716	15.2	8.5	4.4	6.0
2.	Mining and quarrying	288,685	317,974	349,248	329,612	326,815	321,766	294,024	-5.6	-0.8	-1.5	-8.6
3.	Manufacturing	1,683,938	1,903,850	2,054,764	2,209,428	2,328,992	2,261,294	2,247,740	7.5	5.4	-2.9	-0.6
3.1	Food products, beverages and tobacco	157,637	183,150	202,964	214,366	258,683	248,140	257,363	5.6	20.7	-4.1	3.7
3.2	Textiles, apparel and leather products	216,429	258,936	261,079	280,873	300,013	293,771	239,574	7.6	6.8	-2.1	-18.4
3.3	Metal products	261,206	225,306	285,206	319,555	326,298	323,405	329,138	12.0	2.1	-0.9	1.8
3.4	Machinery and equipment	357,017	429,550	474,418	533,307	580,847	554,515	519,453	12.4	8.9	-4.5	-6.3
3.5	Other manufactured goods	691,649	806,908	831,097	861,327	863,152	841,462	902,212	3.6	0.2	-2.5	7.2
4.	Electricity, Gas, Water supply & Other utility services	214,047	224,158	246,496	272,650	294,147	300,675	289,771	10.6	7.9	2.2	-3.6
5.	Construction	835,229	865,335	916,445	964,306	1,026,789	1,038,680	962,835	5.2	6.5	1.2	-7.3
6.	Trade, repair, Hotels and Restaurants	1,135,841	1,261,426	1,389,322	1,568,175	1,707,781	1,828,425	1,418,045	12.9	8.9	7.1	-22.4
6.1	Trade & repair services	1,037,640	1,150,121	1,268,230	1,435,984	1,563,237	1,674,210	1,350,823	13.2	8.9	7.1	-19.3
6.2	Hotels & restaurants	98,201	111,305	121,092	132,191	144,544	154,215	67,222	9.2	9.3	6.7	-56.4
7.	Transport, Storage, Communication & Services related to broadcasting	671,848	731,399	757,056	800,245	830,977	861,301	729,634	5.7	3.8	3.6	-15.3
7.1	Railways	80,720	85,452	82,161	87,886	91,350	82,303	67,154	7.0	3.9	-9.9	-18.4
7.2	Road transport	320,813	343,155	362,324	396,401	417,538	432,223	328,137	9.4	5.3	3.5	-24.1
7.3	Water transport	7,954	8,095	8,569	11,915	12,628	13,018	12,294	39.0	6.0	3.1	-5.6
7.4	Air transport	5,188	6,053	7,172	8,373	9,402	9,159	3,177	16.7	12.3	-2.6	-65.3
7.5	Services incidental to transport	75,596	81,156	86,835	84,351	89,061	91,369	81,385	-2.9	5.6	2.6	-10.9
7.6	Storage	5,529	6,245	6,100	12,976	13,784	13,916	14,329	112.7	6.2	1.0	3.0
7.7	Communication & services related to broadcasting	176,047	201,243	203,896	198,344	197,215	219,313	223,158	-2.7	-0.6	11.2	1.8
8.	Financial services	627,255	672,788	695,983	728,670	758,170	784,672	824,734	4.7	4.0	3.5	5.1
9.	Real estate, Ownership of dwelling & Professional services	1,446,460	1,621,999	1,796,983	1,808,521	1,956,051	2,112,722	2,137,176	0.6	8.2	8.0	1.2
10.	Public administration and Defence	543,853	565,106	614,238	676,507	722,773	759,976	777,126	10.1	6.8	5.1	2.3
11.	Other services	659,262	711,691	781,744	836,035	902,705	967,662	855,955	6.9	8.0	7.2	-11.5
12.	TOTAL GVA at basic prices	9,712,133	10,491,870	11,328,285	12,034,171	12,733,798	13,219,476	12,585,074	6.2	5.8	3.8	-4.8

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

Source : Ministry of Statistics and Programme Implementation.

Table 5.2

India's Foreign Trade

Year	Exports			Imports			Trade Balance		
	Oil	Non-Oil	Total	Oil	Non-Oil	Total	Oil	Non-Oil	Total
1	2	3	4	5	6	7	8	9	10
(US \$ million)									
1993-94	397.8	21840.5	22238.3	5753.5	17552.7	23306.2	-5355.7	4287.8	-1067.9
1994-95	416.9	25913.6	26330.5	5927.8	22726.5	28654.4	-5510.9	3187.1	-2323.8
1995-96	453.7	31341.2	31794.9	7525.8	29149.5	36675.3	-7072	2191.7	-4880.4
1996-97	481.8	32987.9	33469.7	10036.2	29096.2	39132.4	-9554.4	3891.7	-5662.7
1997-98	352.8	34653.7	35006.4	8164	33320.5	41484.5	-7811.2	1333.1	-6478.1
1998-99	89.4	33129.3	33218.7	6398.6	35990.1	42388.7	-6309.2	-2860.8	-9170
1999-00	38.9	36783.5	36822.4	12611.4	37059.3	49670.7	-12572.5	-275.8	-12848.3
2000-01	1869.7	42690.6	44560.3	15650.1	34886.4	50536.5	-13780.4	7804.2	-5976.2
2001-02	2119.1	41707.6	43826.7	14000.3	37413	51413.3	-11881.2	4294.6	-7586.6
2002-03	2576.5	50142.9	52719.4	17639.5	43772.6	61412.1	-15063	6370.3	-8692.7
2003-04	3568.4	60274.1	63842.6	20569.5	57579.6	78149.1	-17001.1	2694.5	-14306.5
2004-05	6989.3	76546.6	83535.9	29844.1	81673.3	111517.4	-22854.8	-5126.7	-27981.5
2005-06	11639.6	91450.9	103090.5	43963.1	105202.6	149165.7	-32323.5	-13751.7	-46075.2
2006-07	18634.6	107779.5	126414.1	56945.3	128790	185735.2	-38310.7	-21010.5	-59321.2
2007-08	28363.1	134541.1	162904.2	79644.5	171794.7	251439.2	-51281.4	-37253.6	-88535
2008-09	27547	157748	185295	93671.7	210024.6	303696.3	-66124.8	-52276.6	-118401.3
2009-10	28192	150559.5	178751.4	87135.9	201237	288372.9	-58943.9	-50677.5	-109621.4
2010-11	41480	209656.2	251136.2	105964.4	263804.7	369769.1	-64484.4	-54148.5	-118632.9
2011-12	56038.5	249925.3	305963.9	154967.6	334352	489319.5	-98929	-84426.6	-183355.7
2012-13	60865.1	239535.5	300400.6	164040.6	326696.1	490736.6	-103175.4	-87160.6	-190336.1
2013-14	63179.4	251236.4	314415.7	164770.3	285443.3	450213.6	-101591	-34206.9	-135797.9
2014-15	56794.1	253557.9	310352	138325.5	309707.9	448033.4	-81531.4	-56150	-137681.4
2015-16	30582.6	231708.4	262291.1	82944.5	298063.3	381007.8	-52361.8	-66354.8	-118716.7
2016-17	31545.3	244307.2	275852.4	86963.8	297393.2	384357	-55418.6	-53086	-108504.6
2017-18	37465.1	266061.1	303526.2	108658.7	356922.3	465581	-71193.6	-90861.2	-162054.8
2018-19	46553.6	283524.6	330078.1	140920.6	373157.8	514078.4	-94367.1	-89633.3	-184000.3
2019-20	41288.7	272072.3	313361.0	130550.3	344159.0	474709.3	-89261.6	-72086.7	-161348.2
2020-21	25784.1	265379.6	291163.5	82683.9	310926.7	393610.6	-56899.8	-45547.2	-102447.0
(₹ Crore)									
1993-94	1248	68504	69751	18046	55055	73101	-16798	13449	-3350
1994-95	1309	81365	82674	18613	71358	89971	-17304	10007	-7297
1995-96	1518	104836	106353	25174	97505	122678	-23656	7331	-16325
1996-97	1710	117107	118817	35629	103291	138920	-33918	13816	-20103
1997-98	1311	128790	130101	30341	123835	154176	-29030	4955	-24076
1998-99	376	139377	139753	26919	151413	178332	-26543	-12036	-38579
1999-00	169	159393	159561	54649	160588	215237	-54480	-1195	-55675
2000-01	8542	195029	203571	71497	159376	230873	-62955	35653	-27302
2001-02	10107	198911	209018	66770	178430	245200	-56663	20482	-36182
2002-03	12469	242668	255137	85367	211839	297206	-72898	30829	-42069
2003-04	16397	276969	293367	94520	264588	359108	-78123	12382	-65741
2004-05	31404	343935	375340	134094	366971	501065	-102690	-23035	-125725
2005-06	51533	404885	456418	194640	465769	660409	-143107	-60884	-203991
2006-07	84520	487259	571779	258572	581935	840506	-174052	-94675	-268727
2007-08	114192	541672	655864	320655	691657	1012312	-206463	-149985	-356448
2008-09	123398	717357	840755	419968	954468	1374436	-296570	-237111	-533680
2009-10	132899	712635	845534	411649	952086	1363736	-278750	-239452	-518202
2010-11	188779	954143	1142922	482282	1201185	1683467	-293503	-247042	-540545
2011-12	267915	1198045	1465959	743075	1602388	2345463	-475160	-404344	-879504
2012-13	330819	1303500	1634318	891871	1777291	2669162	-561052	-473792	-1034844
2013-14	383248	1521763	1905011	997885	1717548	2715434	-614638	-195785	-810423
2014-15	346082	1550363	1896445	842874	1894212	2737087	-496792	-343849	-840641
2015-16	199638	1516747	1716384	540505	1949801	2490306	-340867	-433054	-773921
2016-17	211509	1637925	1849434	583217	1994458	2577675	-371708	-356534	-728242
2017-18	241435	1715080	1956515	700321	2300713	3001033	-458886	-585633	-1044519
2018-19	325929	1981797	2307726	986275	2608400	3594675	-660346	-626602	-1286948
2019-20	282340	1927514	2219854	925168	2435787	3360954	-632828	-508273	-1141100
2020-21	190749	1963591	2154339	611353	2298584	2909937	-420605	-334993	-755597

Note : Data for 1920 are revised and for 2020-21 are provisional.

Source : Directorate General of Commercial Intelligence and Statistics.

Table 5.3

Imports of Principal Commodities

Commodity / Year	(US \$ Million)						(₹ Crore)					
	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
1	2	3	4	5	6	7	8	9	10	11	12	13
1. Cotton Raw & Waste	394.1	946.9	979.3	633.1	1328.4	385.8	2566	6339	6307	4383	9371	2862
2. Vegetable Oil	10492.1	10892.7	11637.5	9890.3	9672.9	11088.1	68677	73039	74996	69024	68558	82116
3. Pulses	3902.2	4244.1	2908.3	1140.8	1440.1	1611.7	25619	28523	18749	8035	10221	11938
4. Fruits & vegetables	1853.3	1783.4	2092.6	2143.9	2221.3	2273.4	12113	11965	13489	15027	15757	16817
5. Pulp and Waste paper	955.7	975.1	1154.6	1311.7	1143.0	851.1	6265	6537	7442	9186	8091	6303
6. Textile yarn Fabric, made-up articles	1715.1	1502.5	1837.3	1900.0	1923.2	1501.5	11224	10079	11843	13305	13599	11091
7. Fertilisers, Crude & manufactured	8071.5	5024.0	5376.3	7467.4	7468.1	7597.3	52502	33706	34654	52095	52817	56405
8. Sulphur & Unroasted Iron Pyrts	217.1	131.2	165.9	217.1	117.7	149.7	1422	879	1068	1528	833	1104
9. Metaliferrous ores & other minerals	7298.6	6194.2	9096.9	7583.3	5088.9	4626.1	47573	41554	58631	52867	35989	34242
10. Coal, Coke & Briquettes, etc.	13667.6	15759.9	22901.2	26177.8	22455.1	16276.3	89304	105753	147641	183025	158865	120547
11. Petroleum, Crude & products	82944.5	86963.8	108658.7	140920.6	130550.3	83683.9	540505	583217	700321	986275	925168	611353
12. Wood & Wood products	5048.1	4891.8	6027.3	6126.5	5612.2	4449.6	33042	32817	38850	42841	39699	32935
13. Leather & leather products	968.1	935.3	1009.2	1057.7	1014.1	579.8	6339	6274	6504	7397	7176	4291
14. Organic & Inorganic Chemicals	16586.4	16598.4	20631.5	23827.7	20617.1	19825.2	108341	111296	133000	166544	145863	146827
15. Dyeing/tanning/colou	2247.5	2282.7	2887.5	3221.9	2906.4	2733.9	14699	15307	18610	22538	20565	20218
16. Artificial resins, plastic materials, etc.	11794.6	11964.0	14487.7	15682.0	14633.7	13509.1	77070	80227	93384	109633	113589	99867
17. Chemical material & products	5151.8	5375.1	6663.4	7707.6	7643.2	8441.2	33722	36059	42944	53933	54111	62498
18. Newsprint	805.4	849.9	776.7	977.7	700.6	294.1	5270	5700	5007	6854	4952	2199
19. Pearls, precious & Semi-precious stones	20069.9	23808.6	34278.9	27075.7	22458.8	18888.0	131366	159464	220966	188881	159066	139024
20. Iron & Steel	14977.5	11683.0	14617.6	17656.7	15369.4	12051.0	97960	78388	94206	123501	108655	89189
21. Non-ferrous metals	9726.1	9868.8	12811.7	14733.0	13138.7	11716.6	63587	66193	82584	103034	92995	86596
22. Machine tools	2757.5	3034.6	3519.6	4642.5	4193.1	3169.6	18071	20347	22680	32490	29665	23452
23. Machinery, electrical & non-	29436.1	28445.8	34258.8	39758.7	39567.3	31791.2	193019	190806	220828	277891	280201	235130
24. Transport equipment	18227.8	22687.7	22732.5	24775.8	25284.7	17874.2	119489	152337	146509	173621	179480	132254
25. Project goods	2761.1	2074.4	2077.6	2375.6	2025.5	1498.9	18043	13915	13392	16618	14355	11107
26. Professional instrument, Optical	3621.7	3857.2	4754.6	5187.4	5024.1	4528.2	23719	25869	30650	36284	35591	33516
27. Electronic goods	40021.9	41930.4	51540.9	55471.0	52522.5	52580.8	262083	281197	332201	388118	371810	388811
28. Medcni. & Pharmaceutical	5440.0	4995.0	5480.7	6359.5	6459.9	6973.6	35575	33502	35330	44429	45727	51730
29. Gold	31770.7	27518.0	33657.2	32910.1	28229.7	34603.9	207488	184439	217072	229537	199250	254288
30. Silver	3742.7	1839.2	3213.8	3748.2	2727.8	790.4	24436	12329	20725	26189	19162	5960
31. Other Commodities	24340.8	25299.2	23345.4	21397.4	21172.4	18266.1	159217	169617	150453	149594	149773	135268
Total Imports	381007.8	384357.0	465581.0	514078.4	474709.3	393610.6	2490306	2577675	3001033	3594675	3360954	2909937

Note : Data for 2019-20 are provisional and data for 2018-19 are revised.

Source : Directorate General of Commercial Intelligence and Statistics.

Table 5.4

Exports of Principal Commodities

Commodity / Year	(US \$ Million)						(` Crore)					
	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
1	2	3	4	5	6	7	8	9	10	11	12	13
1. Tea	720.0	731.3	837.4	830.9	826.5	756.2	4719	4906	5397	5828	5851	5603
2. Coffee	783.9	842.8	968.6	822.3	738.9	179.7	5125	5646	6245	5722	5237	5340
3. Rice	5846.6	5733.8	7806.2	7750.6	6403.2	8818.6	38202	38443	50308	53975	45427	65327
4. Other cereals	261.2	212.3	248.6	349.0	205.2	694.7	1702	1426	1604	2426	1455	5119
5. Tobacco	982.0	958.7	934.3	981.3	905.1	876.6	6452	6424	6022	6859	6409	6496
6. Spices	2541.5	2851.9	3115.4	3322.4	3621.4	3984.8	16630	19111	20085	23218	24242	29536
7. Cashew	768.6	786.9	922.4	654.4	566.8	420.4	5028	5279	5945	4579	4018	3112
8. Oil Meals	553.0	805.4	1093.2	1508.6	827.9	1575.6	3600	5410	7043	10557	5861	11618
9. Oil seeds	1246.9	1355.2	1174.3	1156.8	1318.1	1235.9	8176	9104	7573	8081	9363	9157
10. Fruits & Vegetables	2268.8	2454.7	2513.3	2540.9	2380.5	2608.3	14893	16452	16203	17754	16917	19325
11. Cereal preparations & miscellaneous processed items	1319.8	1270.8	1416.6	1555.4	1527.0	1856.9	8636	8520	9132	10887	10821	13740
12. Marine Products	4767.5	5903.1	7389.2	6802.6	6722.1	5962.4	31219	39594	47646	47665	47618	44176
13. Meat, dairy & poultry products	4575.5	4368.8	4610.1	4363.7	3714.3	3657.6	29992	29281	29730	30530	26304	27061
14. Iron Ore	191.5	1533.5	1471.1	1317.3	2625.0	4896.5	1263	10291	9488	9260	18607	36254
15. Mica, Coal & Other Ores, Minerals including processed minerals	3656.0	3578.2	3776.9	4254.7	3948.4	3781.0	23932	23983	24342	29718	37986	27979
16. Leather & leather products	5407.8	5165.6	5289.1	5140.8	4658.5	3301.3	35367	34651	34084	35934	32971	24403
17. Ceramic products & glassware	1712.1	1856.6	2131.8	2649.2	2870.6	3048.2	11198	12449	13739	18557	20341	22535
18. Gems & Jewellery	39284.3	43412.8	41544.4	40251.0	35898.5	26019.8	257421	290903	267833	281408	254114	191906
19. Drugs & Pharmaceuticals	16909.5	16785.0	17282.8	19146.6	20703.5	24443.8	110647	112547	111409	133941	146751	181259
20. Organic & Inorganic Chemicals	11731.3	12336.1	15949.5	19222.7	18723.6	18507.7	76799	82731	102810	134421	132684	137205
21. Engineering Goods	61949.5	67216.1	78695.7	83621.6	78704.4	76732.5	405060	450592	507315	584094	557603	567896
22. Electronic Goods	5959.5	5962.9	6393.1	8829.4	11700.6	11091.2	39064	39980	41220	61908	82936	81933
23. Cotton Yarn/Fabs./made-ups, Handloom Products etc.	10119.4	9862.2	10260.4	11215.1	10027.7	9824.0	66225	66160	66141	78374	71054	72627
24. Man-made Yarn/Fabs./made-ups etc.	4621.7	4557.1	4826.3	4980.5	4821.4	2805.2	30219	30559	31108	34817	34175	28104
25. RMG of all Textiles	16964.4	17368.2	16706.9	16138.3	15488.1	12271.6	111019	116459	107644	112701	109691	90635
26. Jute Mfg. including Floor Covering	295.4	309.9	335.1	324.9	342.6	371.3	1935	2080	2159	2274	2428	2741
27. Carpet	1440.1	1490.2	1429.8	1481.9	1373.3	1491.4	9426	9992	9215	10375	9725	11020
28. Handicrafts excl. hand made carpet	1648.0	1926.7	1823.3	1838.1	1797.9	1707.2	10802	12917	11754	12854	12738	12604
29. Petroleum Products	30582.6	31545.3	37465.1	46553.6	41288.7	25784.1	199638	211509	241435	325929	292340	190749
30. Plastic & Linoleum	5764.2	5796.5	6851.1	8607.5	7551.6	7462.2	37751	38870	44164	60221	53462	55369
31. Other Commodities	17418.8	16873.7	18264.2	21865.7	21070.8	23456.9	114243	113166	117721	152859	149325	173510
Total Exports	262291.1	275852.4	303526.2	330078.1	313361.0	291163.5	1716384	1849434	1956515	2307726	2219854	2154339

Note : Data for 2020-21 are provisional and data for 2019-20 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 Rs. Crore)

Year	Total Exports Including Re-exports	Share of Sea Borne in Exports(In Percentage)	Total Imports	Share of Sea Borne in Imports(In Percentage)	Share Of Sea Borne Trade To Total Foreign Trade (In Percentage)
1	2	3	4	5	6
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	3360955	66.5	64.3
2020-21	2154339	66.0	2909937	64.4	65.1

Source : DGCI & S, Ministry of Commerce

Table 5.6

Outlay And Expenditure-Port Sector (central)

Port	(Rs. In Crore)																			
	Annual Plan 12)	(2011-	Annual Plan 13)	(2012-	Annual Plan 14)	(2013-	Annual Plan 15)	(2014-	Annual Plan 16)	(2015-	Annual Plan 17)	(2016-	Annual Plan 18)	(2017-	Annual Plan 19)	(2018-	Annual Plan 20)	(2019-	Annual Plan 21)	(2020-
	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.	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	18	19	20	21
Kolkata (a)	63.73	21.29	28.45	17.34	38.03	5.86	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
Mumbai	176.57	142.05	279.79	149.30	427.60	24.87	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
JNPT	153.69	140.52	341.18	240.21	1559.10	137.58	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
Chennai	136.00	4.44	145.00	81.75	107.00	9.20	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
Cochin	115.08	92.21	93.45	78.47	123.05	3.40	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
Visakhapatnam	190.00	113.45	102.71	57.92	182.34	26.07	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
Deendayal	92.27	52.82	166.89	138.44	145.45	28.30	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
Mormugao	108.93	69.17	71.36	46.95	110.00	24.75	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
Paradip	70.00	74.80	127.31	73.73	96.91	55.65	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
New Mangalore	36.00	38.45	36.00	45.50	75.00	8.04	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
V.O. Chidambaranar	291.97	369.65	201.42	42.63	547.82	3.19	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
Kamarajar Port Ltd.	60.00	61.92	73.50	80.03	600.00	28.38	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
Sethusamudram Ship Canal Project	10.01	8.51	4.00	2.12*	6.00	1.42*	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
WEB Based EDI Port Community System	2.38	2.01	2.00	2.00	1.00	##	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
Others (b)	673.09	518.08	901.87	579.43	635.00	318.98	464.80	38.01	704.38	48.57	625.92	570.93	606.21	597.94	512.75	493.84	488.84	474.02	749.5	424.5
Survey Vessels	15.00	15.00	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	0.00	0.00	0.00
Total	2194.72	1724.37	2574.93	1633.70	4654.30	674.27	2785.12	1363.67	3186.24	520.93	3178.26	2779.53	4329.96	3904.56	5376.03	3748.11	3688.03	2620.03	4031.23	3184.31

(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 recieved &&-Rs.66.63 advanced paid earlier now Trasferred to revenue.

App.Outlay: Approved Outlay.

- Not Available.

Source: Notes on Demands for Grants, 2020-21 & 2021-22

Port : All Ports

Tabel 5.7		India's Overseas Cargo handled during 2020-21				(In '000 Tonnes)
Type of Cargo		Indian Lines	% Share	Foreign Lines	% Share	Total
General Cargo						
	Loaded	137	0.45	30625	99.55	30761
	Unloaded	9	0.09	10356	99.91	10365
	Total	146	0.35	40980	99.65	41126
Container						
	Loaded	4940	4.49	104979	95.51	109918
	Unloaded	3402	3.13	105337	96.87	108739
	Total	8342	3.81	210316	96.19	218658
Dry Bulk						
	Loaded	1682	1.86	88938	98.14	90620
	Unloaded	9708	3.11	302416	96.89	312124
	Total	11390	2.83	391353	97.17	402743
POL/Product & Other Liquids						
	Loaded	2564	4.00	61468	96.00	64032
	Unloaded	34948	11.83	260372	88.17	295320
	Total	37512	10.44	321840	89.56	359352
Grand Total						
	Loaded	9323	3.16	286009	96.84	295331
	Unloaded	48067	6.62	678481	93.38	726548
	Total	57390	5.62	964490	94.38	1021880

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. There are 12 major Ports viz. Deendayal, Mumbai, J.L.Nehru, Mormugao, New Mangalore, Cochin, Tuticorin(VO-Chidambaranar), Chennai, Ennore(Kamarajar), Visakhapatnam, Paradip and Kolkata and 212 non-major/Intermediate ports situated along the coast line of about 7517 Kms. and at sea islands. Four of the Major Ports viz. Mumbai, Kolkata, Chennai and Mormugao are more than 100 years old. Cochin and Visakhapatnam Ports have celebrated their Golden Jubilee. The Ports of Deendayal, V.O.Chidambaranar, New Mangalore and Paradip were developed in the post independent period and are, thus, relatively new. J.L.Nehru Port at Nhava Sheva became operational in 1989. Ennore Port Ltd. which was dedicated to the Nation in February, 2001, is the first corporatised port registered under Companies Act, 1956.

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

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 craneage 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)
Turn-Round Time (revised)
(from 2019-20 onwards) | Total time spent by a ship since its entry till its departure.
Total time spent by a ship from Pilot Boarding to De-Boarding. |

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