

भारत के मूल पत्तन आंकड़े

BASIC PORT STATISTICS OF INDIA

2019-20



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

2. The present issue, Basic Port Statistics of India 2019-20 is divided into three Sections. **Section-I** gives performance of the Indian Port Sector in terms of cargo traffic & performance indicators in the backdrop of India's broad macro performance and global developments. **Section-II** contains key tables presented in Five Parts and; **Section-III** contains the Appendices, which include a brief on the organization of Major Ports and the definitions of terms used in the port sector.

3. We gratefully acknowledge the co-operation of Major Ports and various State Maritime Boards/State Governments for providing us with 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	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
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	200	205	205	205	205	212	212
Total	212	217	217	217	217	224	224
2. Cargo Handled (Million Tonnes)							
Major Port	555.49	581.34	605.89	648.47	679.47	699.17	704.93
Non-Major Port	416.97	470.89	465.87	485.22	529.09	582.61	615.05
Total	972.46	1052.23	1071.76	1133.69	1208.56	1281.78	1319.97
3. Containers							
Major ('000 TEUs)	7453	7960	8146	8442	9138	9877	9892
('000 Tonnes)	114672	119441	123168	124663	133726	145523	146861
4. Passenger Traffic ('000 Nos.)							
Major Port	368	386	408	473	422	522	710
Non-Major Port	21485	19434	22007	22599	24162	24551	21005
Total	21853	19820	22415	23071	24584	25073	21715
5. Employment ('000 Nos.)							
Major Port	45	42	38	35	32	29	26
Non-Major Port	6	4	4	5	5	5	5
6. Financial Performance - Major Ports (Rs. Million)							
a) Total Revenue	100854	103464	126811	135520	149242	153918	162629
b) Total Expenditure	98566	93462	106629	106386	122350	130375	117944
7. Performance Indicators- Major Ports							
a) Total Cargo Vessels Sailed(Nos.)	19759	19877	21488	21655	22091	21872	21803
b) Av. Turn Round Time (Days)	3.84	3.89	3.51	3.48	2.91	2.73	2.12 *
c) Av. Pre-berthing Detention (Days)	1.48	1.61	1.31	1.27	1.33	1.10	0.95
On Port Account	0.27	0.21	0.16	0.22	0.53	0.34	0.29
On Non Port Account	1.21	1.39	1.16	1.05	0.79	0.76	0.66
d) Output per ship berth day (Tonnes)	12179	12993	16471	19080	20581	21839	21914
Container	21546	20331	22244	24099	23716	26737	27078
Break-Bulk	2544	2600	3618	4176	4946	4699	5143
Dry Bulk- Mechanical	20713	21188	29139	28669	30894	29820	29594
Conventional	7856	9280	12404	16728	17977	19243	18409
Liquid Bulk	17235	18079	20451	22412	24740	25818	26180

*:- As per revised TRT definition

A . GLOBAL ENVIRONMENT & SEA-BORNE TRADE

1. Overview of World Economic Trends Related to Seaborne Trade

1.1 The world economy and trade activity, growth in international maritime trade stalled in 2019, reaching its lowest level since the global financial crisis of 2008–2009. Lingering trade tensions and high policy uncertainty undermined growth in global economic output and merchandise trade and by extension, maritime trade. Maritime trade volumes expanded by 0.5 percent, down from 2.8 per cent in 2018 and reached a total of 11.08 billion tons in 2019 (table 1). Growth in world gross domestic product slowed to 2.5 per cent, down from 3.1 per cent in 2018 and 1.1 percentage point below the historical average over the 2001–2008 period.

1.2 Shipping is a derived demand largely determined by developments in the world economy and trade. Therefore, negative economic and trade trends affected maritime trade growth in 2019. Global economic growth decelerated in 2019 against a backdrop of lingering trade tensions and high policy uncertainty. Developed and developing economies alike were affected, reflecting the continued trade tensions between China and the United States and the overall weakening of the world economy. In developed countries, GDP growth decelerated to 1.8 per cent, down from 2.3 per cent in 2018, while developing regions expanded by 3.5 per cent, a relatively higher rate in comparison, but below the 4.3 per cent growth recorded in 2018. Growth in transition economies also stalled, expanding at 2.2 per cent in 2019 against 2.8 per cent in 2018.

1.3 In the United States, the supportive effect of fiscal stimulus measures and strong domestic demand that underpinned growth in 2018 diminished slightly in 2019. Growth in the European Union fell to 1.5 per cent, the lowest rate since 2013. Concerns in Europe and the uncertainty surrounding a potential “no-deal” departure from the European Union by the United Kingdom of Great Britain and Northern Ireland (Brexit) had a negative impact on the economy. While the economy of China continued to gradually mature and diversify, trade tensions seem to have contributed to weaker GDP expansion in 2019. Growth slowed to 6.1 per cent, the country’s weakest performance since the early 1990s. Economic growth decelerated across East Asia, South Asia and South- East Asia in varying degrees. In particular, the economy of India slowed down to 4.2 per cent GDP growth in 2019, down from 6.8 per cent in 2018.

1.4 Global merchandise trade contracted in 2019 as manufacturing activity slowed over the course of the year. Rising tariffs have heightened policy uncertainty, undermined investment and weighed on global trade. In 2019, world merchandise trade volumes declined and fell by 0.5 percent, its lowest level since the financial crisis a decade earlier. The negative trends were mainly driven by a contraction in imports from developing countries, including China, other emerging Asian economies and developing America.

1.5 Developing economies continued to account for the lion's share of goods being loaded (58 per cent) and unloaded (65 per cent) in seaports worldwide. Together, developed economies and economies in transition generated 42 per cent of global merchandise exports by sea (goods loaded) and imported 35 per cent (goods unloaded) of such global trade.

1.6 Maritime transport dry cargo continued to account for over two thirds of total maritime trade volumes, while liquid bulk commodities, including crude oil, refined petroleum products, gas and chemicals, accounted for the remaining share. In 2019, growth in all market segments decelerated. Trade in dry cargo expanded at 1.1 per cent, and tanker trade volumes contracted by 1 percent over 2018. International maritime trade grew at a slightly faster rate of 1 per cent in 2019, supported by growing long-haul oil exports from Brazil and the United States to Asia.

1.7 The number of cargo ton-miles generated by dry cargo has been rising steadily over the years. In 2002, China imported 121.7 million tons of iron ore and coal, accounting for 11.8 per cent of the global iron ore and coal trade by sea. In less than two decades, these volumes increased to 1.3 billion tons, bringing the country's market share to nearly 50 per cent of the world. Gas trade in ton-miles expanded swiftly to 9.9 per cent in 2019. Other segments recorded relatively smaller growth; ton-miles generated by trade in chemicals expanded by 3.2 per cent, followed by container trade (1.9 per cent) and other dry cargo (1.6 per cent). Growth in ton-miles produced by trade in oil and major bulk commodities contracted in 2019,

Year	Tanker Trade @	Main Bulk#	Other Dry Cargo	Total
2000	2163	1186	2635	5984
2007	2747	1811	3478	8036
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	3169	3225	4682	11076

(@) 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, they include data on iron ore, grain and coal only. Data relating to bauxite/alumina and phosphate are included under "Other dry cargo".

Source: Review of Maritime Transport,2020,UNCTAD

2. Seaborne Trade by Cargo Type

Crude Oil and Petroleum Products

2.1 World trade in crude oil trade decreased by 1.1 per cent in 2019. Downside factors include the cuts in supply by members of the Organization of the Petroleum Exporting Countries aimed at supporting oil prices, as well as disruptions affecting exports from the Islamic Republic of Iran and the Bolivarian Republic of Venezuela. Crude oil imports to China increased by 10.6 per cent in 2019, compared with the previous year, while imports to the United States declined. In Asia, extended refinery maintenance and smaller refining margins contributed to limiting import growth. Other tanker trade experienced difficulty in 2019, contracting by nearly 1 per cent. Major setbacks included slower global economic growth and extended refinery maintenance periods, with many refiners adjusting production in preparation for the coming into force on 1 January 2020 of the IMO 2020 regulation on a sulphur cap for marine fuels. In addition, naphtha faced competition from liquefied petroleum gas as a petrochemical feedstock, arbitrage opportunities were limited and fuel oil trade declined. The latter accounts for over 20 per cent of trade in seaborne refined petroleum products.

Natural Gas and liquefied gases

2.2 The trade in gas remained strong, with volumes expanding by nearly 11 per cent in 2019. Trade in liquefied natural gas increased by 11.9 per cent, supported by project start-ups in Australia and the United States. In comparison, trade in liquefied petroleum gas grew by 6 per cent, driven largely by growing supply in Australia, Canada and the United States (Clarksons Research, 2020c).

2.3 The trade in chemicals rose rapidly in 2018, there was little growth in the segment in 2019, reflecting pressure on demand. In China, demand for palm oil soared in 2019, given higher domestic soybean oil prices as a consequence of the trade tensions and the African swine fever affecting pig farming in China, causing a reduction in soymeal feed. Strong demand in India for palm oil, following a decline in import taxes in January 2020, supported growth in this segment. Trade in palm oil remains highly sensitive to policy shifts, such as the rise in Indian import duties on Malaysian palm oil), the decision by the European Union to phase out palm oil-based biofuel by 2030 and higher taxes on Indonesian biofuel and liquefied petroleum gas.

Dry Cargo Trades

Dry Bulk Shipments: Major and minor dry bulks

2.4 Trade in dry bulk commodities, in particular minerals and ores, are closely linked to industrial and steel production, as well as manufacturing and construction. With many relevant indicators pointing downward in 2019, global trade in dry bulk lost momentum during the year and grew marginally, (0.5 per cent), bringing the total to 5.3 billion tons (Clarksons Research, 2020f). The first time in 20 years, iron ore trade fell by 1.5 per cent due to severe supply-side disruptions caused by the Vale dam collapse in Brazil and Cyclone Veronica in Australia. Other factors at play include a shift in the make-up of steel production in China, which favours scrap steel over imported iron ore. As China represented 72 per cent of global seaborne iron ore imports in 2019 changes affecting its import demand could have a strong impact on trade in global dry bulk commodities. Australia and Brazil are major suppliers of iron ore to China.

2.5 In 2019, growth in coal (coking and thermal) trade slowed to 2.4 per cent, reflecting fewer thermal coal imports into Europe and lower coking coal demand in China. With regard to exports of thermal and coking coal, Indonesia remained in the top position, with a share of 35.3 per cent, followed by Australia with 29.7 per cent. In China, seaborne thermal coal imports increased by 9.2 per cent, supported by lower coal prices and government efforts to stimulate industrial activity and growth. In India and countries of South-East Asia, imports continued to rise, given new coal-fired power generation capacities. India, the world's largest seaborne

coking coal importer, and Vietnam, which is becoming a major steel producer, increased their coking coal imports in 2019 to support growth in their steel sector.

Agricultural bulk commodities, notably grains, are an important issue in trade tensions between China and the United States. In 2019, grain volumes expanded by 0.4 per cent. Soybean imports into China, which accounted for about 60 per cent of global soybean imports, continued to be affected by the new tariffs and the spread of swine fever in the country's pig population. In this context and through a substitution effect, Brazil overtook the United States as the world's largest seaborne grain exporter.

2.6 The contraction of 4.4 per cent in the trade of steel products detracted from the overall growth in seaborne shipments of minor bulk commodities. In 2019, minor bulk volumes expanded by 0.9 per cent, down from 3.8 per cent in 2018. Exports from China, Japan, the Republic of Korea and the Russian Federation came under pressure as demand from Europe and the United States lessened. Imports into China of some minor bulk commodities, namely nickel ore, bauxite and cement, continued to support this type of trade.

Other Dry Cargo Trades

Containerized Trade

2.7 The year in 2019, global containerized trade expanded at a slower rate of 1.1 per cent, down from 3.8 percent in 2018 bringing the total to 152 TEUs. Much of the growth was driven by activity on non-mainlane East–West, South–South and intraregional trade routes. Excluding intraregional flows, global containerized trade increased by 0.4 per cent in 2019. The challenges facing the global car industry and motor manufacturing in 2019 have had some impact, as trade in automotive related goods is an important sector for some individual trade lanes. Global car sales decreased for the first time by about 1.5 per cent in 2018, after steady growth for over a decade which continued to decline in 2019.

Seaborne Trade Development Forecast

2.8 International maritime trade uncertainty remains an overriding theme in 2020 due to COVID-19 pandemic. Predicting the impact on maritime trade and the timing and scale of the recovery is fraught with uncertainty. Many factors are at play, significantly influencing the outlook. These include the pathway of the pandemic, the effectiveness of the efforts to control further outbreaks, continued shifts in spending patterns, trends in consumer and business confidence, developments in commodity prices and the ability of stimulus packages to give an impetus to growth and put the world economy back on track. Bearing this in mind and extrapolating from past trends, UNCTAD expects the volume of maritime trade to decline in 2020. The Department of Economic and Social Affairs in its May 2020 forecast projects a global GDP expansion of 4.2 per cent and the International Monetary Fund in its June 2020

forecast predicts that growth will bounce back to 5.4 per cent in 2021. By contrast, the WTO forecast of April 2020 points to a recovery in world merchandise trade volume in 2021 ranging from 21.3 to 24 per cent, depending on the scenario (WTO, 2020). For 2021, UNCTAD estimates that maritime trade flows will recover by 4.8 per cent.

3. Indian Economy and India's Maritime Trade

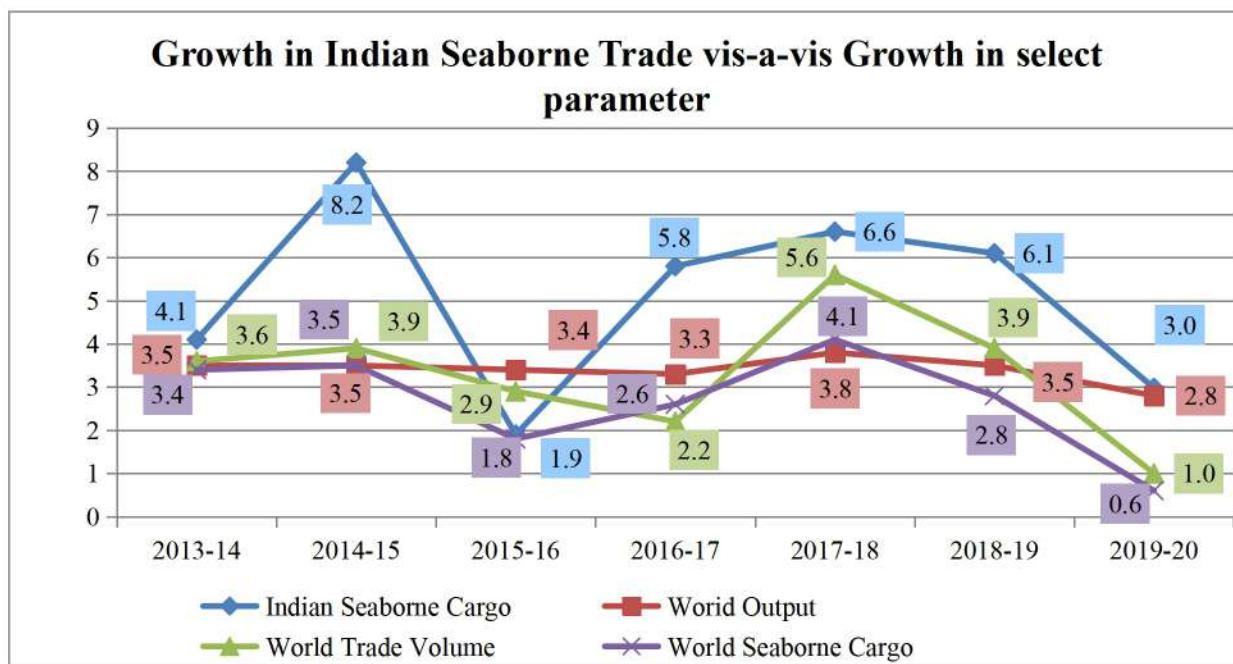
3.1 India's economy has witnessed a slight downward economic growth in the recent the past, the Gross Value Added (GVA) at Basic Price decline to 4.1% percent in FY 2019-20 as against 5.9% percent in FY 2018-19. The growth of the two sectors Agriculture and Industry sector have shown a decline during 2019-20. The foreign trade export and import have also decreased during 2019-20.

The growth of total cargo handled in India decreased from 6.1% in 2018-19 to 3.0% in 2019-20. The growth in the cargo handled at Non-major Ports decreased from 10.1% in 2018-19 to 5.6% in 2019-20. The growth in the cargo handled at major Ports also decreased from 2.9% in 2018-19 to 0.8% in 2019-20. (**Table 2** gives the growth of cargo at Indian Ports and related parameter of Indian and world trade).

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

Parameters	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
Trends in India's Select : Macro Parameters							
I. Total Cargo	4.1	8.2	1.9	5.8	6.6	6.1	3.0
(a) Major Ports	1.8	4.7	4.2	7.0	4.8	2.9	0.8
(b) Non Major Ports	7.5	12.9	-1.1	4.2	9.0	10.1	5.6
II. GVA overall	6.1	7.2	8.0	8.0	6.2	5.9	4.1
(a) Agriculture	5.6	-0.2	0.6	6.8	6.6	2.6	4.3
(b) Industry	3.8	7.0	9.6	7.7	5.9	5.3	-1.2
(c) Services	7.7	9.8	9.4	8.5	6.3	7.2	7.2
III. Foreign Trade							
(a) Export in \$ value	4.7	-1.3	-15.5	5.2	10.0	8.7	-5.1
(b) Import in \$ value	-8.3	-0.5	-15.0	0.9	21.1	10.4	-7.8
Trends in Select : Global Indicators							
IV. World Output	3.5	3.5	3.4	3.3	3.8	3.5	2.8
(a) Advanced Economies	1.4	2.1	2.4	1.8	2.5	2.2	1.7
(b) Developing Economies	5.1	4.7	4.3	4.5	4.8	4.5	3.7
V. World Economic Growth	2.2	2.5	2.6	2.5	3.1	3.1	2.5
(a) Advanced Economies	1.1	1.7	2.2	1.7	2.3	2.3	1.8
(b) Developing Economies	4.6	4.4	3.8	3.9	4.5	4.3	3.5
(c) Transition Economies	2.0	0.9	-2.2	0.3	2.1	2.8	2.2
VI. World Trade Volume (Goods & Services)	3.6	3.9	2.9	2.2	5.6	3.9	1.0
VII. Export Volume Growth (Goods & Services)							
(a) Advanced Economies	3.1	3.9	3.7	2.0	4.8	3.5	1.3
(b) Developing Economies	4.7	3.3	1.7	2.7	6.6	4.1	0.9
VIII. Import Volume Growth (Goods & Services)							
(a) Advanced Economies	2.6	3.9	4.8	2.6	4.8	3.6	1.7
(b) Developing Economies	5.1	4.3	-0.8	1.7	7.4	5.0	-0.6
IX. World Seaborne Trade*	3.4	3.5	1.8	2.6	4.1	2.8	0.6
(a) Goods Loaded	3.5	3.5	1.8	2.6	4.2	2.7	0.5
(b) Goods Unloaded	3.4	3.5	1.8	2.6	4.1	2.8	0.6
I. Based on data from Major Ports and Non Major Ports II First revised estimates of national income, consumption expenditure, saving and capital formation, 2019-20, 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, 2020, IMF; V & IX. Based on Review of Maritime Transport, 2020, UNCTAD * growth in total goods loaded plus unloaded.							

Indian Port traffic growth and growth in World output, World trade volume and seaborne trade (loaded +unloaded) since 2013-14 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 2019-20, the total overseas cargo handled at Indian ports was 1066.24 million tonnes compared to 1019.10 million tonnes in 2018-19. Indian Overseas trade registered a growth of 4.6% in 2019-20 over 2018-19, while it registered a growth of 4.5% in the year 2018-19. However, goods loaded trade increased by 12.4% in 2019-20 while goods unloaded registered a growth of 2.2% in 2019-20 as compared to growth of (-) 1.2% and 6.3% in loaded & unloaded goods respectively during 2018-19. Trend in Indian Overseas trade since 2013-14 is presented in **Table 2A** below.

	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
Goods Loaded	2.5	-6.4	-1.6	18.6	4.1	-1.2	12.4
Goods Unloaded	6.0	13.7	2.4	0.5	4.8	6.3	2.2
Total Loaded +Unloaded	5.1	8.4	1.5	4.5	4.6	4.5	4.6

4.2 The share of Indian Flag vessels in carrying total overseas cargo during 2016-17, 2017-18, 2018-19 and 2019-20 is summarized in **Table 2B**.

Table 2B : India's Overseas Cargo and share of Cargo carried by Indian Flag Vessels during 2016-17 to 2019-20								
(In Million Tonnes)								
Type of Cargo	2016-17		2017-18		2018-19		2019-20	
	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	45.06	3.76 (8.3)	44.29	3.12 (7.1)	36.00	2.95 (8.2)	37.76	0.65 (1.7)
Container	173.45	2.29 (1.3)	197.30	5.75 (2.9)	213.54	8.07 (3.8)	221.92	6.17 (2.8)
Dry Bulk Cargo	360.1	12.47 (3.5)	363.03	11.83 (3.2)	394.36	20.27 (5.1)	416.93	11.51 (2.8)
Liquid Bulk Cargo	353.96	41.55 (11.7)	370.93	49.00 (13.2)	375.21	48.36 (12.9)	389.63	51.52 (13.2)
Total	932.57	60.07 (6.4)	975.54	69.71 (7.2)	1019.10	79.65 (7.8)	1066.24	69.85 (6.6)
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 6.6 % of the country's overseas cargo during 2019-20 as against 7.8% in 2018-19.

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 1319.97 million tonnes in 2019-20 from 1281.78 million tonnes in 2018-19 reflecting an increase of 3.0% during 2019-20. India's major ports handled around 53.4% of the cargo handled at Indian ports. The growth profile of cargo throughput at India's major and minor ports in terms of their coastal and overseas trade during 2017-18 to 2019-20 is given in the Table 3 below:

Table 3 : Growth in Cargo Traffic at Indian Ports (In %)									
Port	2017-18			2018-19			2019-20		
	OT	CT	TT	OT	CT	TT	OT	CT	TT
Major	2.07	15.13	4.78	1.54	7.51	2.90	2.32	-3.96	0.82
Non Major	7.72	17.32	9.04	7.87	23.05	10.12	7.15	-2.44	5.57
All Ports	4.61	15.86	6.60	4.47	12.73	6.06	4.63	-3.41	2.98

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

5.2 The period 2001-02 to 2019-20 saw compound annual growth rate (CAGR) of 7.1% in total cargo throughput at Indian ports. The compound annual growth in Cargo handled at non-major ports was 10.9% during 2001-02 to 2019-20. The growth in cargo handled by major ports and non-major ports during 2019-20 registered increase of 0.8% and 5.6% respectively.

5.3 Commodity-wise traffic handled, in respect of principal commodities, by all the ports (major & non-major) in India from the year 2005-06 to 2019-20 are 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
2006-07	227.08 (7.20)	114.56 (6.02)	14.39 (7.44)	78.65 (-4.54)	25.89 (12.97)	188.14 (39.25)	648.70 (13.08)
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)

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 31.73% of the total seaborne traffic followed by Coal (22.53%), Iron

ore (7.25%) and FRM (2.43%) in 2019-20. General cargo comprising of container cargo and break bulk constituted 34.93% of the total cargo.

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 2019-20			
(Million Tonnes)			
Name of the State	Major Ports	Non-Major Ports	Total
1. Gujarat	122.61	411.79	534.40
2. Maharashtra	129.15	43.66	172.81
3. Goa	16.02	0.01	16.03
4. Karnataka	39.15	0.94	40.08
5. Kerala	34.04	0.16	34.19
6. Tamil Nadu	114.58	11.37	125.95
7. Andhra Pradesh	72.72	99.91	172.63
8. Orissa	112.69	35.27	147.96
9. West Bengal	63.98	0.00	63.98
10. Others(a)	0.00	11.95	11.95
TOTAL	704.92	615.05	1319.97

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 40.5% of the total cargo handled at Indian ports. It is also noteworthy that about 67% of the cargo handled by non-major ports pertains to the State of Gujarat. In terms of total port traffic, Gujarat is followed by Maharashtra, Andhra Pradesh, Odisha and Tamil Nadu with their respective shares of 13.1%, 13.1%, 11.2% and 9.5% respectively in India's total seaborne traffic.

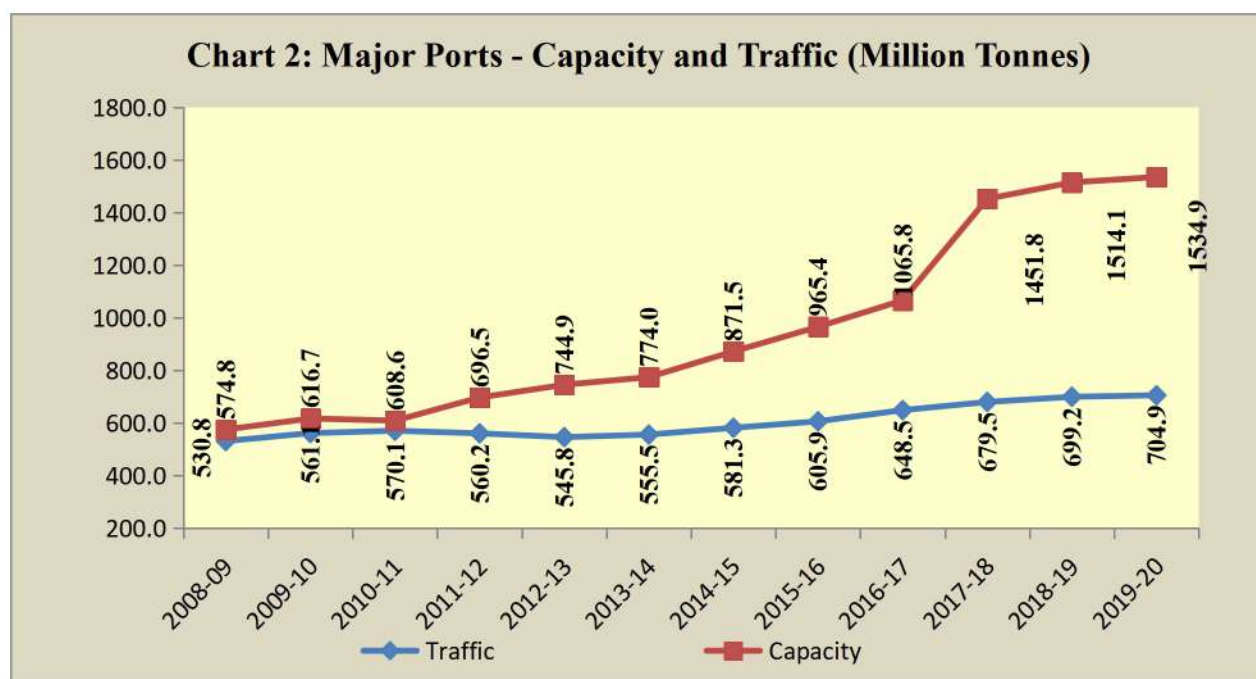
C . PERFORMANCE OF MAJOR PORTS

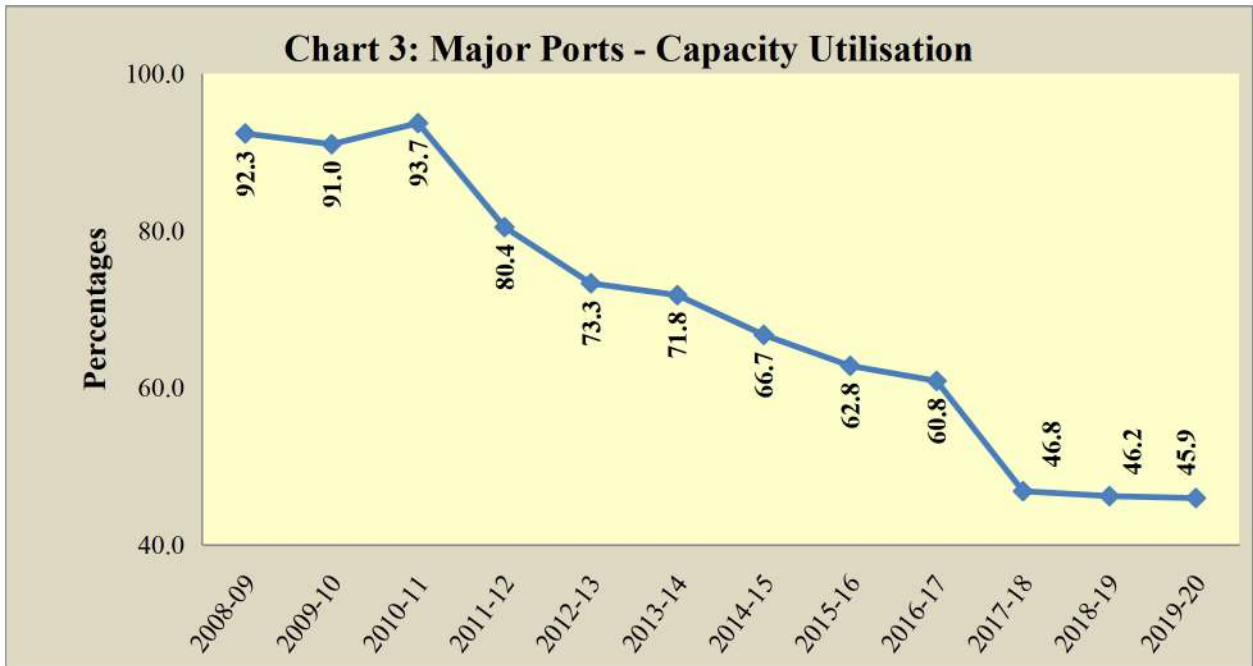
7. CARGO TRAFFIC HANDLED

7.1 The twelve major ports in India handled about 53.4% of the maritime cargo traffic of the country in 2019-20. 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 1.3 times increase from 530.8 million tonnes in 2008-09 to 704.9 million tonnes in 2019-20(Chart 2).

7.2 Cargo handling capacity at major ports has also risen with traffic. The capacity which was placed at 574.8 million tonnes at the end of 2008-09 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 2019-20.

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 92.3 % in 2008-09, reduced to 45.9% in 2019-20. The capacity utilization at Major ports from 2008-09 to 2019-20 is presented in Chart-





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

8.1 The overseas and coastal cargo handled during 2019-20 by major ports was of the order of 545.16 million tonnes and 159.76 million tonnes respectively. The Overseas Cargo traffic handled at Major Port increased by 2.32% in 2019-20 as compared to 2018-19 and the Coastal cargo traffic declined by 4.0% in 2019-20. However, the total cargo traffic handled in 2019-20 was increased by 0.8% as compared to 2018-19.

8.2 The Cargo traffic in terms of coastal and overseas categories at Major Ports during 2018-19 & 2019-20 are given in **Table 6**. Amongst the major ports, Deendayal Port (erstwhile Kandla port) accounted for the highest share of 17.4% in the total cargo traffic at all major ports during 2019-20 followed by Paradip (16.0%), Vishakhapatnam (10.3%), J.L. Nehru (9.7%), Mumbai (8.6%), Chennai & SMP (Haldia Dock Complex) (6.6%), NMPT (5.6%) and V.O.Chidambaranar Port (5.1%) The cargo traffic at Cochin port, Mormugao Port, Kamarjar Port and SMP Kolkata Dock System (KDS) had a share of less than 5% each during the same 2019-20. 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 Vishakhapatnam recorded highest growth of 11.4% during 2019-20 followed by Cochin (6.3%), Deendayal (6.2%), V.O. Chidambaranar Port (5.1%), SMP (HDC) (3.2%), and Paradip (3.1%). Other major ports like Chennai Port recorded a highest negative growth (11.8%) followed by Mormugao Port (9.5%), Kamarajar (8.0%), NMPT (7.9%), SMP (KDS) (6.7%), and JNPT (3.2)% respectively.

Table 6 : Major Port wise-share of cargo handled

(Million Tonnes)						
Port	2018-19			2019-20		
	Overseas	Coastal	Total	Overseas	Coastal	Total
SMP(Kolkata Dock System)	17.75	0.80	18.55	15.95	1.35	17.30
	(3.33)	(0.48)	(2.65)	(2.93)	(0.85)	(2.45)
SMP (Haldia Dock Complex)	34.91	10.30	45.21	37.49	9.19	46.68
	(6.55)	(6.19)	(6.47)	(6.88)	(5.75)	(6.62)
Paradip	71.04	38.26	109.30	77.28	35.41	112.69
	(13.33)	(23.00)	(15.63)	(14.18)	(22.16)	(15.99)
Visakhapatnam	48.47	16.83	65.30	56.39	16.34	72.72
	(9.10)	(10.12)	(9.34)	(10.34)	(10.23)	(10.32)
Chennai	48.11	4.90	53.01	41.78	4.97	46.76
	(9.03)	(2.95)	(7.58)	(7.66)	(3.11)	(6.63)
Kamarajar	15.47	19.03	34.50	18.00	13.75	31.75
	(2.90)	(11.44)	(4.93)	(3.30)	(8.61)	(4.50)
V.O. Chidambaranar	24.07	10.27	34.34	27.37	8.71	36.08
	(4.52)	(6.17)	(4.91)	(5.02)	(5.45)	(5.12)
Cochin	21.08	10.94	32.02	22.94	11.10	34.04
	(3.96)	(6.58)	(4.58)	(4.21)	(6.95)	(4.83)
New Mangalore	34.75	7.76	42.51	29.11	10.04	39.15
	(6.52)	(4.67)	(6.08)	(5.34)	(6.28)	(5.55)
Mormugao	14.88	2.80	17.68	14.45	1.56	16.01
	(2.79)	(1.68)	(2.53)	(2.65)	(0.98)	(2.27)
J. L. Nehru	65.68	5.03	70.71	64.27	4.18	68.45
	(12.33)	(3.02)	(10.11)	(11.79)	(2.62)	(9.71)
Mumbai	33.93	26.71	60.63	34.29	26.40	60.70
	(6.37)	(16.05)	(8.67)	(6.29)	(16.52)	(8.61)
Deendayal	102.67	12.73	115.40	105.84	16.76	122.61
	(19.27)	(7.65)	(16.51)	(19.42)	(10.49)	(17.39)
Total	532.81	166.36	699.17	545.15	159.77	704.92
	(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

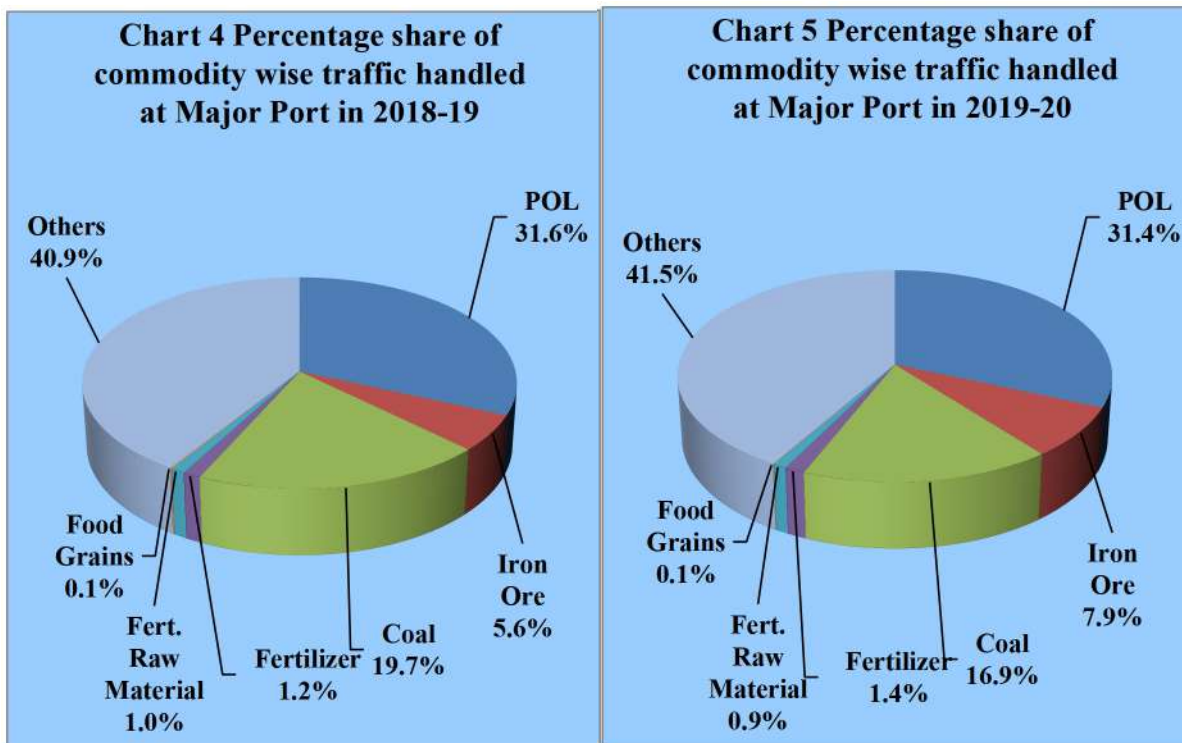
9.1 Commodity-wise break-up of traffic handled at the major ports in India from 2006-07 to 2019-20 is given in **Table 7** below:

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
2006-07	145.88 (2.67)	7.93 (19.79)	11.14 (4.31)	80.58 (1.72)	64.63 (-6.10)	4.93 (131.46)	148.69 (30.43)	463.78 (9.49)
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)	581.33 (4.65)
2015-16	186.36 (2.95)	8.49 (7.15)	7.53 (-9.93)	15.32 (-14.93)	134.06 (12.21)	2.37 (-23.18)	251.76 (3.41)	605.89 (4.22)
2016-17	200.23 (7.44)	7.04 (-17.07)	7.01 (-6.85)	41.77 (172.71)	126.18 (-5.88)	6.50 (174.08)	259.75 (3.17)	648.47 (7.03)
2017-18	213.26 (6.51)	7.52 (6.82)	7.53 (7.34)	41.17 (-1.42)	126.73 (0.43)	2.40 (-63.16)	280.87 (8.13)	679.47 (4.78)
2018-19	220.95 (3.60)	8.43 (12.03)	6.99 (-7.21)	38.81 (-5.72)	137.48 (8.49)	0.80 (-66.69)	285.72 (1.73)	699.17 (2.90)
2019-20	221.64 (0.31)	9.53 (13.11)	6.60 (-5.54)	55.46 (42.88)	118.88 (-13.53)	0.40 (-49.37)	292.42 (2.34)	704.92 (0.82)

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

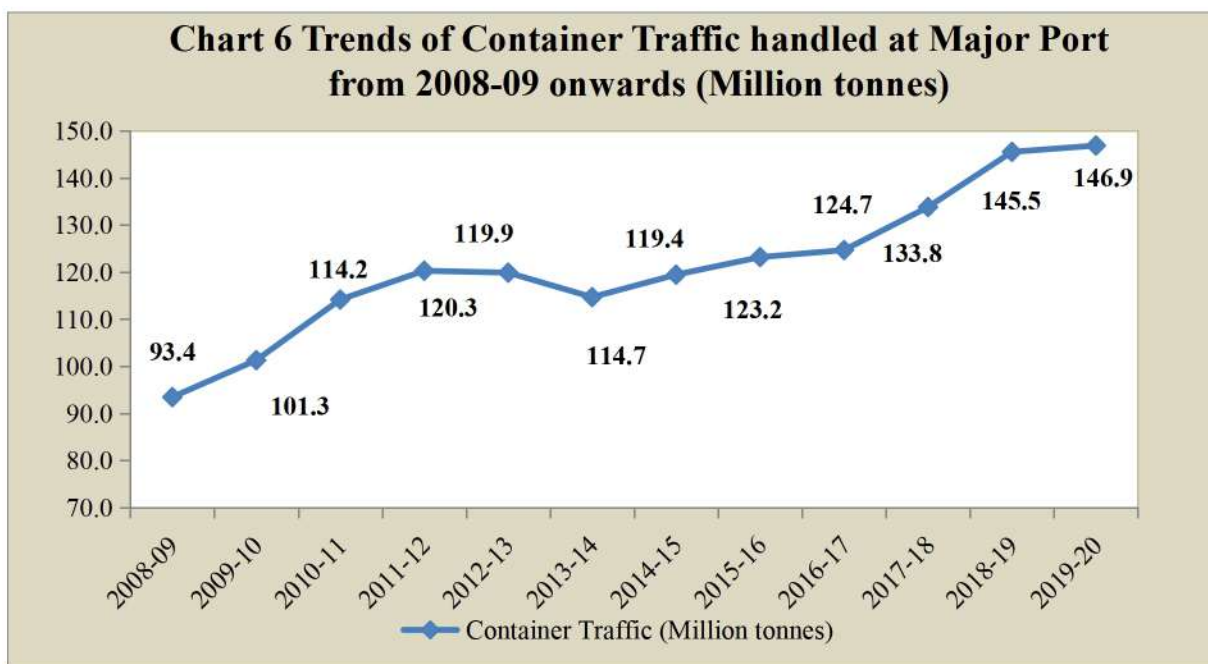
9.2 The highest growth in traffic during 2019-20, among the principal commodities, is seen in the case of Iron Ore (42.9%), followed by Fertilizer (13.1%), Other Commodity (2.3%) and POL (0.3%). Traffic for Food grain reported highest negative growth (49.4%) followed by Coal and FRM of (13.5%) and (5.5%) 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 1.3 times increase from 92.2 million tonnes in 2007-08 to 120.3 million tonnes in 2011-12. It increased to 145.5 million tonnes in 2018-19 and further increased to 146.9 million tonnes (9.9 million TEUs) in 2019-20 (**Chart-6**). Non-containerized cargo grew from 553.67 in 2018-19 million tonnes to 558.06 million tonnes in 2019-20.



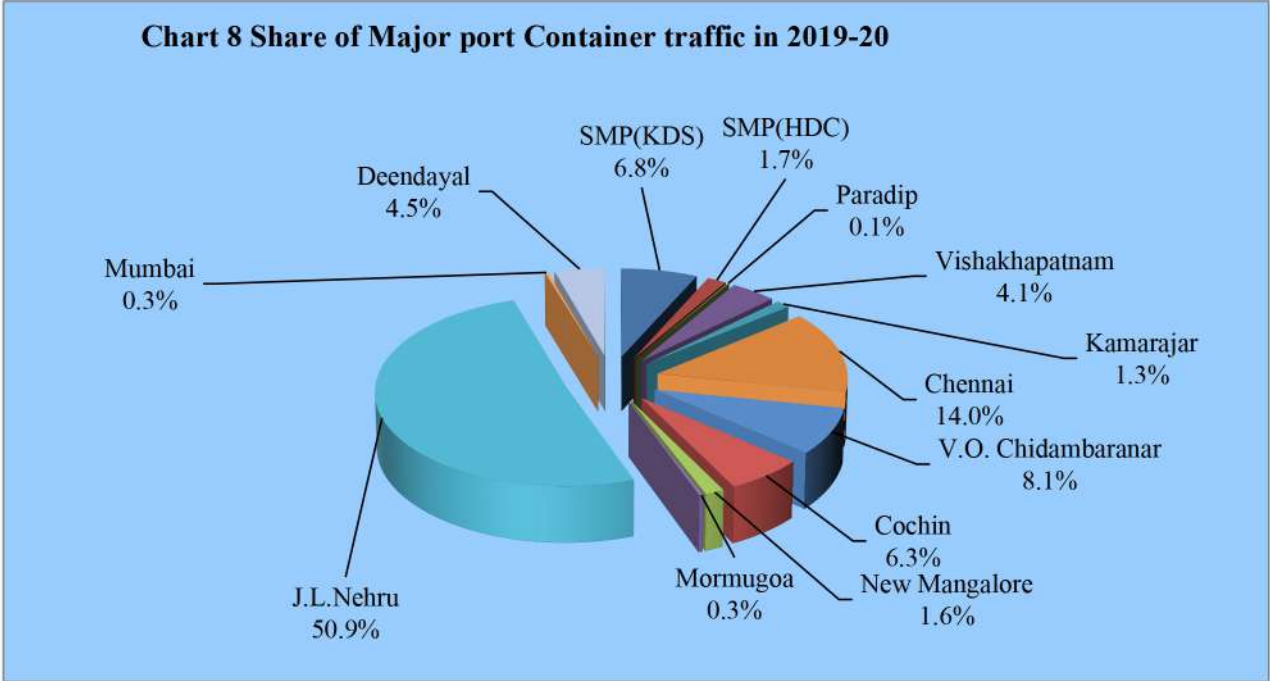
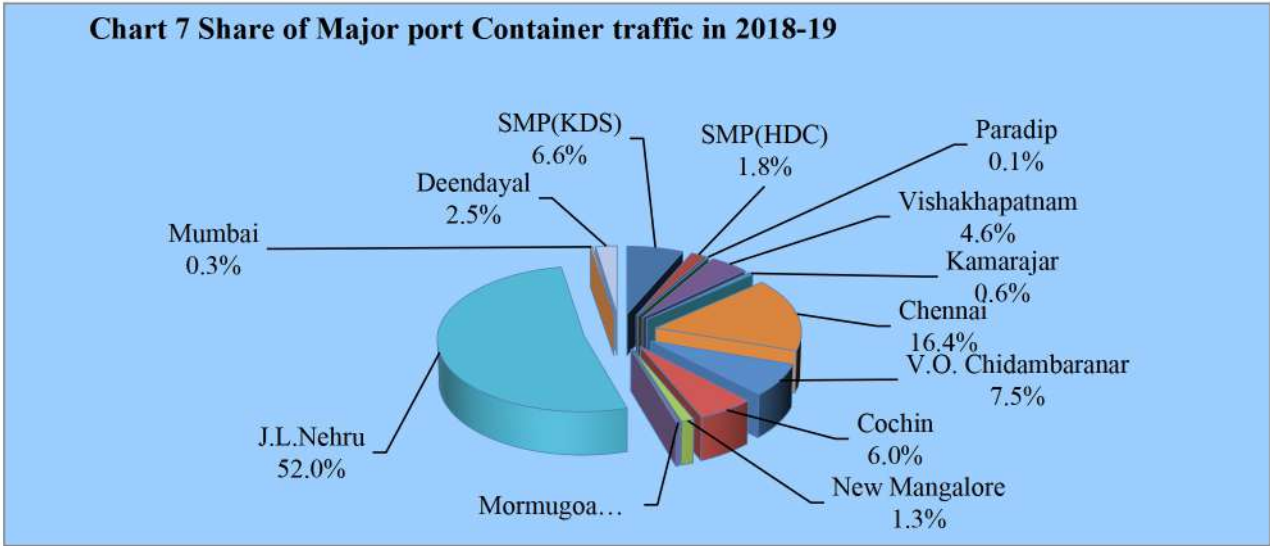
10.2 The growth in container traffic at the container handling ports of the country is given in **Table 8**.

Table-8 Major Port-wise Container Traffic Handled (in 000' tonnes & 000' TEUs)

Name of Port	2018-19		2019-20	
	000' Tonnes	000' TEUs	000' Tonnes	000' TEUs
SMP (Kolkata D.S)	9934	652	9767	675
SMP (Haldia D.C)	3140	178	3032	169
Paradip	221	13	222	12
Vishakhapatnam	7959	450.5	8649	409
Kamarajar	1101	57	2524	128
Chennai	31263	1620	26710	1384
V.O.Chidambaranar	14955	739	16436	804
Cochin	8116	595	8628	620
New Mangalore	1920	131.6	2278	153
Mormugoa *	467	37	418	32
J.L.Nehru	62114	5133	60940	5031
Mumbai	375	27	291	27
Deendayal	3958	244	6967	447
All Ports	145522	9877	146861	9892

10.3 The share of JNPT during 2019-20 in total container traffic stood at 50.9% (in TEUs) and 41.5% (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 (14.0%), V.O. Chidambaranar (8.1%), SMP Kolkata Dock System (6.8%), Cochin (6.3%), Deendayal (4.5%) and Vishakhapatnam (4.1%). 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 2019-20 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 50.9% during the same period. Chart 7 and 8 gives the share of container cargo handled at Major Ports during 2018-19 and 2019-20 respectively.



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 1534.91 million tonnes at the end of 2019-20. The port-wise capacity and traffic handled for the year 2019-20 is brought out in **Table 9** below:

Table 9 : Major Port-wise Capacity Utilization During 2019-20 (Million Tonnes)			
Name of the Port	Capacity	Traffic	Capacity Utilisation (%)
SMP Kolkata Dock System	31.57	17.30	54.81
SMP Haldia Dock Complex	51.00	46.68	91.53
Paradip	249.00	112.69	45.26
Visakhapatnam	134.18	72.72	54.20
Kamarajar	91.00	31.75	34.89
Chennai	135.00	46.76	34.64
Chidambaranar	111.46	36.08	32.37
Cochin	78.60	34.04	43.31
New Mangalore	104.73	39.15	37.38
Mormugao	63.40	16.02	25.26
J. L. Nehru	138.87	68.45	49.29
Mumbai	79.00	60.70	76.83
Deendayal	267.10	122.61	45.90
ALL PORTS	1534.91	704.92	45.93

EFFICIENCY INDICATORS OF MAJOR PORT OPERATIONS

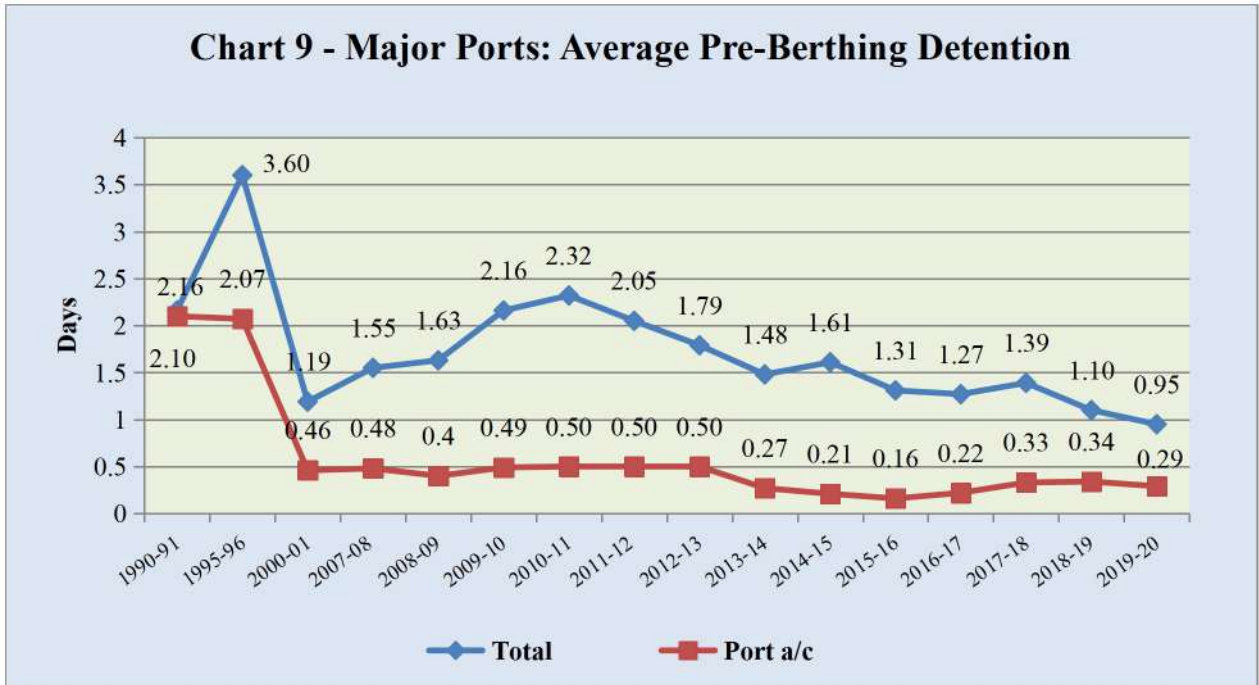
12. Average Pre-berthing Detention

12.1 The average overall pre-berthing detention time for all major ports declined from 2.2 days in 1990-91 to 1.39 days in 2017-18. However, the average PBDT which decreased to 1.10 days in 2018-19 further declined to 0.95 in 2019-20. 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	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
1	2	3	5	6	7	8	9	10
SMP Kolkata D.S	0.9	0.61	0.71	0.50	0.57	0.62	0.46	0.70
SMP Haldia D.C	1.66	0.91	1.43	0.66	2.49	3.15	2.72	2.96
Paradip	1.59	1.41	4.11	2.05	2.47	0.87	0.30	0.64
Vishakhapatnam	1.83	0.75	2.59	1.47	1.22	2.37	1.29	0.05
Kamarajar	-	-	2.51	4.73	0.96	0.57	0.18	0.11
Chennai	2.1	2.45	0.41	0.44	0.38	0.86	0.15	0.07
V.O.Chidambaranar	0.9	1.40	1.07	1.33	1.80	1.13	0.68	0.65
Cochin	0.83	0.74	0.84	0.66	0.48	0.43	0.53	0.48
New Mangalore	0.79	0.77	0.60	0.76	0.62	1.16	1.10	1.26
Mormugao	2.51	1.32	1.61	1.38	1.67	1.31	1.24	1.21
J.L.Nehru		0.67	0.80	1.17	0.77	0.92	0.82	0.77
Mumbai	3.4	1.26	1.69	1.27	0.46	0.96	1.07	0.16
Deendayal	4.4	1.51	2.52	1.98	2.02	1.90	2.02	1.85
All Ports	2.16	1.19	1.61	1.31	1.27	1.39	1.10	0.95
Source: Major Ports								

12.2 During 2019-20, Major Ports except SMP KDS, SMP HDC, Paradip Port, and New Mangalore Port experienced drop in pre-berthing detention of vessels. Data on PBD for different types of vessels indicate that in 2019-20, the PBD was the least in the case of container vessels 0.30 days followed by dry bulk (Mechanical) (0.57 days), break bulk (0.58 days), dry bulk (Conventional) (1.27 days) and liquid bulk vessels (1.49 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, 2007-08 onwards and up to 2019-20 is shown in **Chart 9**.



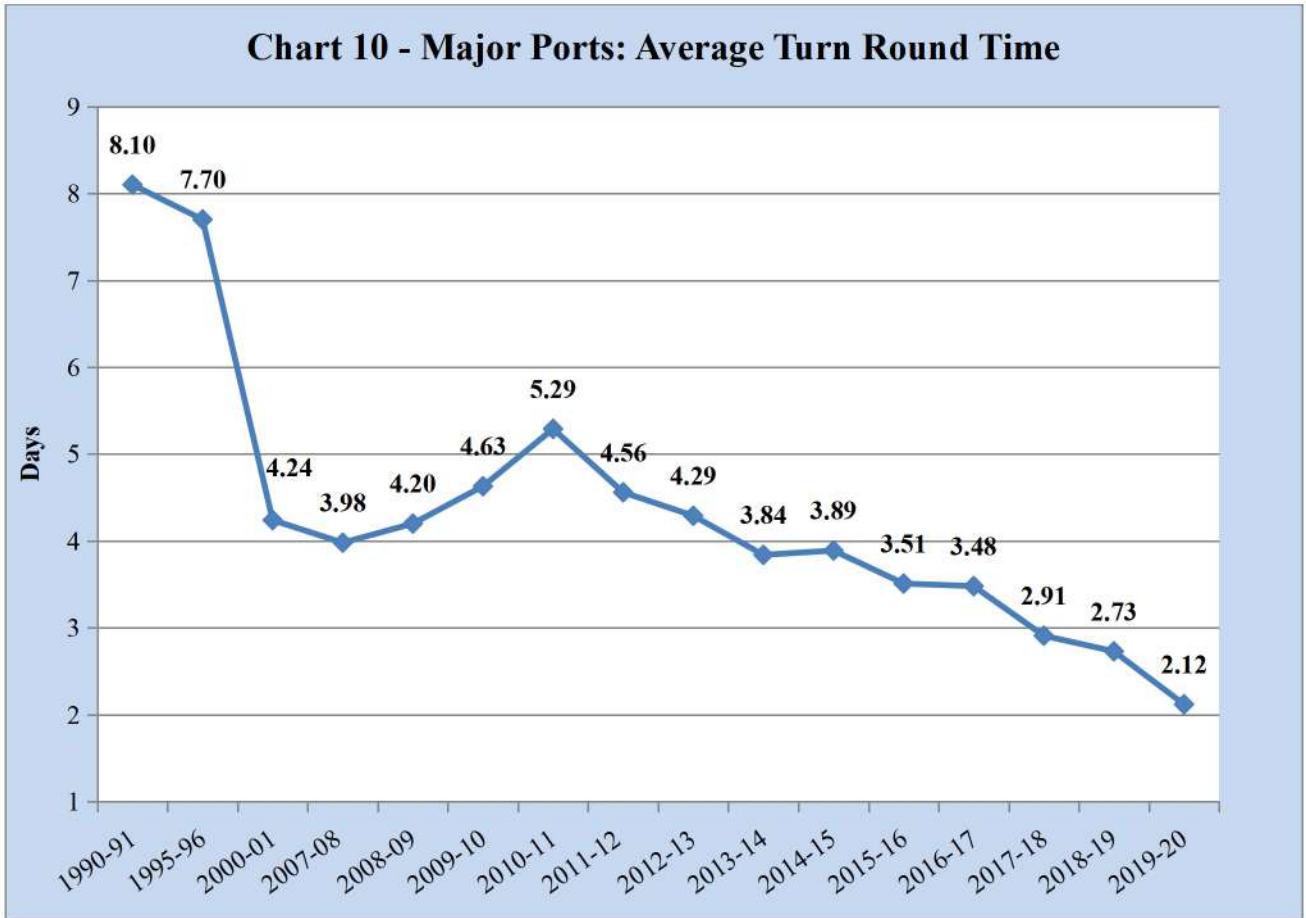
13 Average Turn-Round Time (TRT)

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 2.73 days in 2018-19. Average TRT significantly improved by 0.61 days to 2.12 days in 2019-20. Port-wise average TRT varied in the range between 1.23 days at JNPT to 3.17 days at SMP Kolkata Dock during 2019-20. Port-wise average TRT for select years are given in **Table 11**.

13.2 The data on average TRT for different types of vessels indicate that in 2019-20, the average TRT was least in case of container vessels (1.39 days) followed by liquid bulk (1.83 days), dry bulk (Mech.) (2.25 days), break bulk (3.01 days) and dry bulk (Conv.) (3.18 days).

Table 11: Average Turn Round Time (days)								
Port	1990-91	2000-01	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20 \$
1	2	3	5	6	7	8	9	10
SMP Kolkata D.S	11.90	5.50	4.97	4.78	4.43	3.77	3.35	3.17
SMP Haldia D.C	6.47	3.97	3.36	3.27	5.47	3.75	3.03	2.75
Paradip	8.40	4.16	7.01	4.50	4.99	3.31	2.51	2.34
Vishakhapatnam	7.07	3.71	5.67	3.84	3.75	2.58	2.51	2.43
Kamarajar	-	-	4.32	6.87	2.68	2.19	1.97	1.73
Chennai	7.20	5.83	2.54	2.53	2.51	2.21	1.98	2.00
V.O.Chidambaranar	4.70	4.10	3.37	3.53	4.00	2.40	1.76	1.67
Cochin	4.00	3.11	1.69	2.18	1.99	1.87	1.94	1.45
New Mangalore	4.96	2.89	2.46	2.63	2.35	2.04	1.93	1.90
Mormugoa	6.40	4.25	3.97	3.37	3.43	3.15	3.48	2.33
J.L.Nehru	-	2.21	2.24	2.31	1.96	2.23	2.13	1.23
Mumbai	10.80	5.20	4.09	3.29	2.48	2.76	2.69	1.70
Deendayal	10.00	4.72	4.90	4.28	4.51	4.25	4.68	2.54
All Ports	8.10	4.24	3.89	3.51	3.48	2.91	2.73	2.12
\$:- As per revised 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 2019-20 is presented in the **Chart -10** below.



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 29809 in 2017-18 to 30870 tonnes in 2018-19 and further increased to 31367 tonnes in 2019-20. During 2019-20, average parcel size has improved in all categories except Container where as average TRT has decreased for all types of vessels. 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	2017-18		2018-19		2019-20	
	Average Parcel Size (Tonnes) (Cargo/vessels)	Average TRT (Days)	Average Parcel Size (Tonnes) (Cargo/vessels)	Average TRT (Days)	Average Parcel Size (Tonnes) (Cargo/vessels)	Average TRT (Days)*
Dry Bulk (Mech.)	56352	2.77	54048	2.62	54643	2.25
Dry Bulk (Conv.)	37112	4.10	37917	3.51	38917	3.18
Liquid Bulk	29960	2.91	31060	2.89	31573	1.83
Break Bulk	9218	3.41	9039	3.46	10380	3.01
Container	24283	1.76	26036	1.61	25581	1.39
All Types	29809	2.91	30870	2.73	31367	2.12

*:- 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 21839 tonnes in 2018-19 and further 21914 tonnes in 2019-20 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 2018-19.

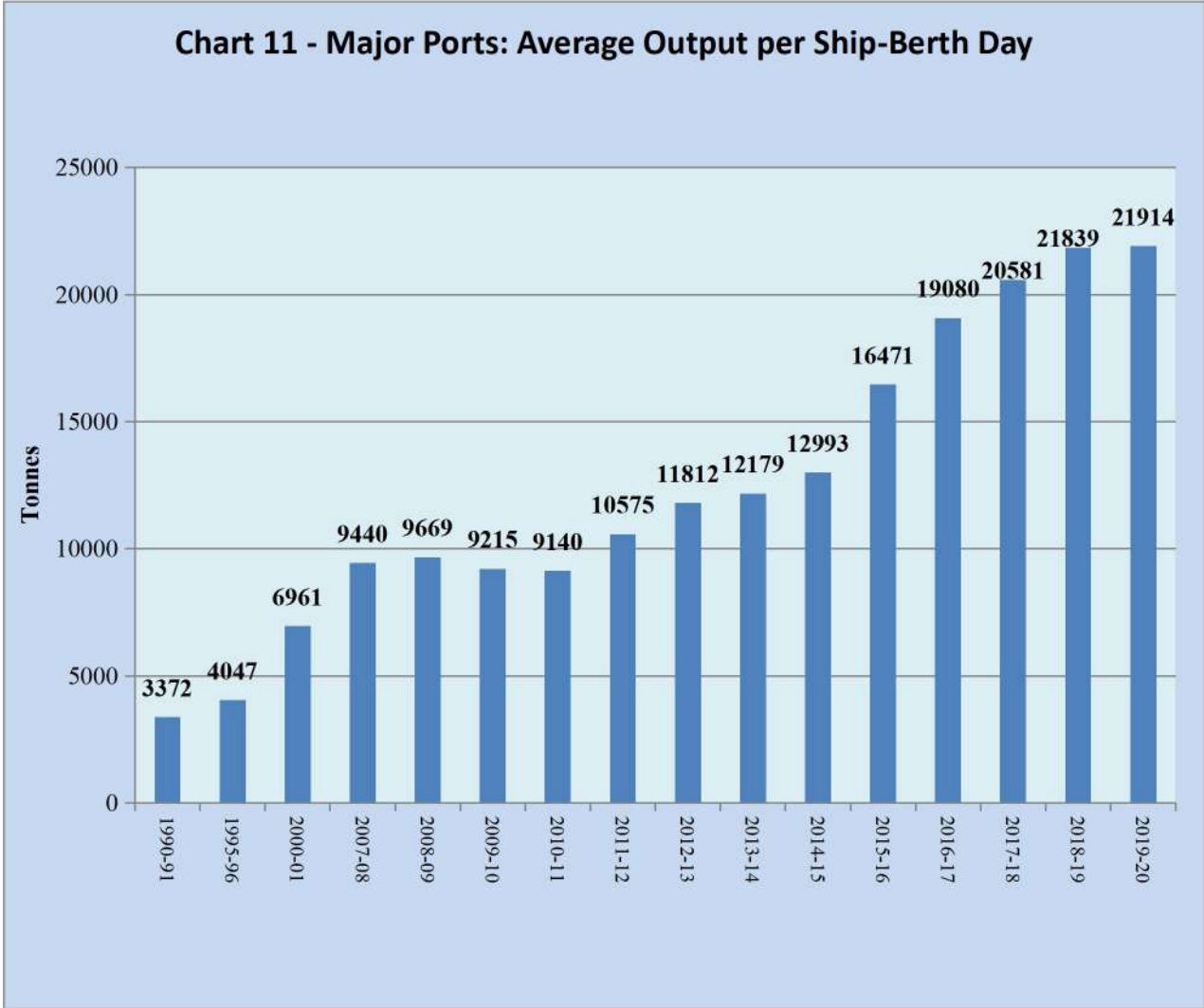
14.2 However, average output per ship-berth day is marked by substantial variation across major ports ranging from a high 32001 tonnes in case of Paradip port to a low of 7174 tonnes at SMP Kolkata Dock System during 2019-20. This variation reflects the type of cargo being handled, level of mechanization and labour practices. Amongst the 12 major ports, improvement in average Output per Ship Berth-day during 2019-20 over the previous year is visible in SMP Haldia Dock, Visakhapatnam, Cochin, JNPT, Mormugao & New Mangalore Port. Port-wise average output per Ship-berth day for selected years and 2014-15 onwards are given in **Table 13**.

Port	1990-91	2000-01	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
1	2	3	4	5	6	7	8	9
SMP Kolkata D.S	560	2305	3084	3201	6080	6962	7765	7174
SMP Haldia D.C	5659	6384	6802	9126	12537	13832	15083	15192
Paradip	4082	8503	17736	26965	30245	33440	36030	32001
Visakhapatnam	5325	9799	10640	17179	16823	17592	18281	20032
Kamarajar	-	-	22613	31106	26235	28456	27678	26581
Chennai	3912	6977	14464	18976	19220	19113	21001	20340
V.O.Chidambaranar	2130	3983	10468	13619	13612	15557	19494	19334
Cochin	3714	6138	16906	20962	23539	28143	30150	31258
New Mangalore	4412	12192	19856	16165	17094	16378	18126	19140
Mormugao	10429	12438	12272	21542	30414	24948	18685	19944
J.L.Nehru	-	6383	21310	23792	23897	22526	25847	28296
Mumbai	2310	4213	11055	18020	20915	22996	25941	25608
Deendayal	4417	8230	15159	16538	18235	22903	21373	21109
All Ports	3372	6961	12993	16471	19080	20581	21839	21914

14.3 As compared to 2018-19, the increase in average output per Ship Berth-day (all commodities except Break Bulk & Dry Bulk (Mech.)) in 2019-20 was of the order of 0.3%. 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 2017-18, 2018-19 and 2019-20 of all commodities is presented below in **Table-14**.

Type of Vessel	Average Output per ship Berth-day (Tonnes)				
	2017-18	2018-19	2019-20	% Change (2018-19on 2017-18)	% Change (2019-20 on 2018-19)
Dry Bulk (Mech.)	30894	29820	29594	-3.5	-0.8
Dry Bulk (Conv.)	17977	19243	18409	7.0	-4.3
Liquid Bulk	24740	25818	26180	4.4	1.4
Break Bulk	4946	4699	4193	-5.0	-10.8
Container	23716	26737	27078	12.7	1.3
All Types	20581	21839	21914	6.1	0.3

14.4 The average out-put per Ship Berth-day for selected years since 1990-91 to 2019-20 is presented in the **Chart -11** below.



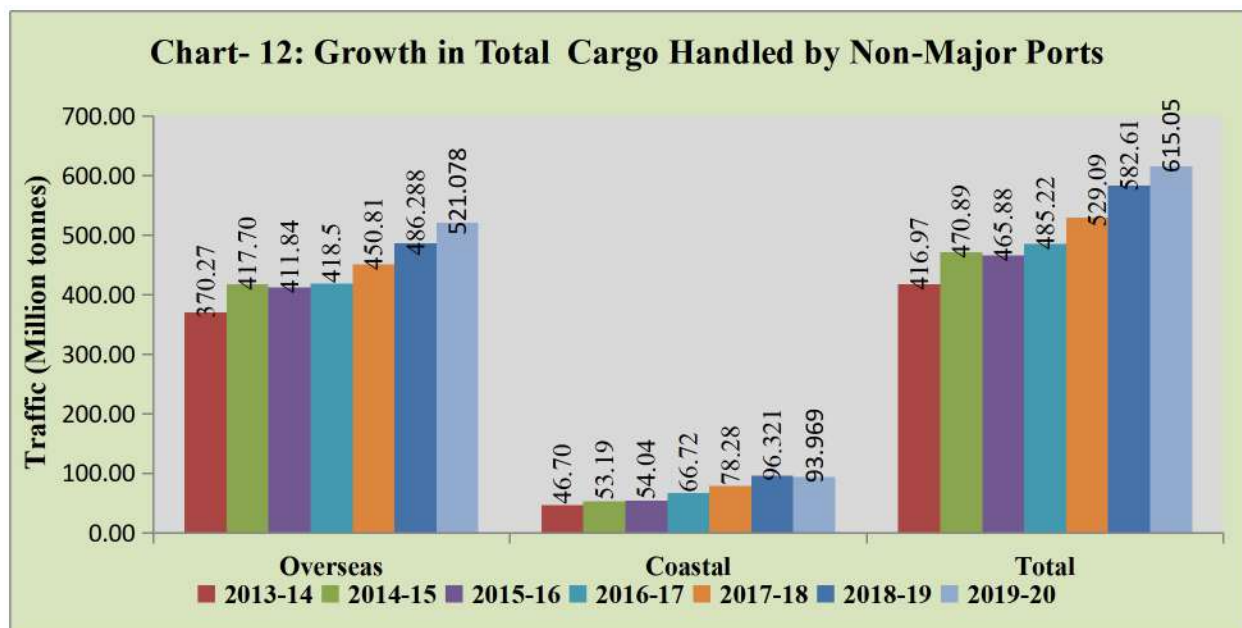
Output per Ship Berth-day – Total tonnage handled distributed over total number of berth days

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 2019-20, 66 Non-major Ports were reported to have handled cargo traffic.

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



15.3 Non-major ports in India collectively handled 615.05 million tonnes of traffic during the year 2019-20 as compared to 582.61 million tonnes of cargo handled in 2018-19 (Chart-12). The year-on-year growth in traffic in 2019-20 was 5.6 % as compared to 10.1% growth registered in 2018-19. At a disaggregated level, the overseas cargo traffic increased by 7.2% in 2019-20 compared to growth of 7.9% recorded in 2018-19. Coastal cargo traffic decreased by 2.4% in 2019-20 compared to an increase of 23.0 % in 2018-19.

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
2006-07	81.2	33.97	14.39	14.02	6.82	34.52	184.92
	(16.47)	(17.79)	(7.47)	(3.32)	(21.57)	(81.78)	(23.18)
2007-08	91.04	34.22	16.26	15.45	7.11	42.3	206.38
	(12.12)	(0.74)	(13.00)	(10.20)	(4.25)	(22.54)	(11.61)
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)

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

15.5 POL & its products (32.1%) was the single largest commodity handled at non major ports in 2019-20. The share of POL has decreased from 32.9% in 2018-19 to 32.1% in 2019-20. During 2019-20, the share of Coal in the total traffic was 29.0% followed by other cargo (27.4%), Iron ore (6.5%), Fertilizer & FRM (2.6%) and Building Material (2.4%).

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
2007-08	150.52	11.36	19.29	0.89	8.9	0.3	15.12	206.38
	14.66	-1.90	3.65	9.88	35.67	0.00	28.65	11.61
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

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

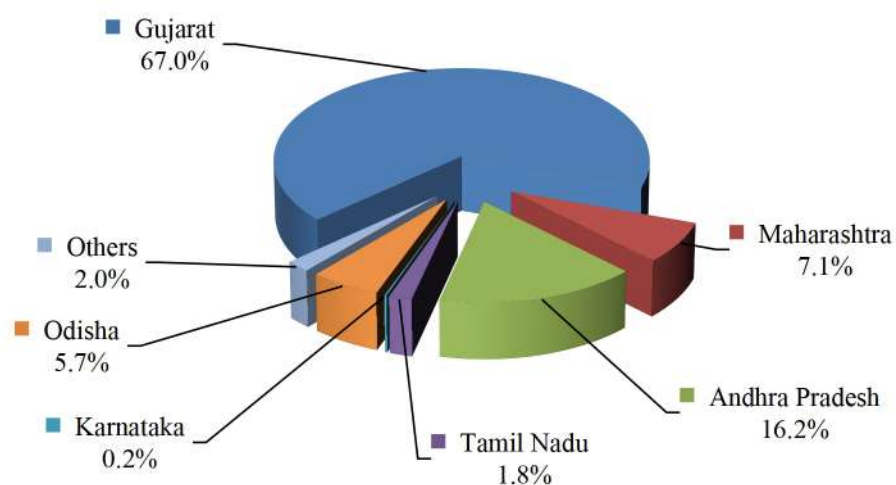
16.2 The overall increase of 5.6% in cargo handled at non-major ports during 2019-20 was mainly driven by traffic increased in Gujarat and Odisha. The Cargo handled at the Non-Major ports in Gujarat and Odisha has witnessed positive growth of 3.15% and 58.97% respectively. The share of traffic handled by non-major ports in the maritime states is given in **Table 17** below:

Year	Traffic Handled (In Percentage)								
	Gujarat	Maharashtra	AP	Goa	Tamil Nadu	Karnataka	Odisha	Others	Total
2006-07	71.0	6.3	10.1	7.7	0.4	3.5	0.0	1.0	100
2007-08	72.9	5.5	9.3	6.2	0.5	4.3	0.1	1.3	100
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

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 67.0% of the total non-major port cargo traffic in 2019-20. The other major contributing States to the cargo traffic at non-major ports during 2019-20 were: Andhra Pradesh (16.2%), Maharashtra (7.1%) and Odisha (5.7%). The contribution of Tamil Nadu & Karnataka was 1.8% and 0.2% respectively. The remaining 2.0% of the cargo was handled by all the other Maritime States/UTs. This is brought out in the **Chart 13** below:

Chart:13 Statewise Contribution to the Traffic at Non-Major Ports during 2019-20



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

17.1 GUJARAT

17.1.1 Gujarat is a principal maritime State with a natural coastline of about 1215 kms. (16% of India's total coast line). The State has 48 non-major ports which are under the jurisdiction of Gujarat Maritime Board (GMB) since April, 1982. Out of 48 non-major ports, traffic is handled at 17 non-major ports. The remaining 28 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 2019-20 was of the order of 411.79 million tonnes as against 399.20 million tonnes in 2018-19, reflecting an increase of 3.2% as compared to 7.7% in 2018-19. Non-major ports of Gujarat

account for around 67% of the total cargo handled by non-major ports in India during 2019-20. Overseas traffic in 2019-20 was 364.91 million tonnes with the remaining 46.88 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
2006-07	60.25	14.27	5.5	4.16	4.08	19.72	10.09	3.66	9.54	131.27
2007-08	61.88	14.17	8.69	5.3	3.79	19.85	11.44	1.65	23.75	150.52
2008-09	65.28	14.05	4.81	2.6	3.43	35.62	11.00	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	6.70	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

17.1.4 Sikka port handled the highest cargo tonnage of 134.14 million tonnes (32.6%) of the total cargo handled by non-major ports in Gujarat in 2019-20. Main commodities handled by Sikka port are POL & its products that contributes to more than 99 % of the traffic handled at the port.

17.1.5 GAPL Port handled the cargo tonnage of 132.32 million tonnes in 2019-20 as compared to 130.13 million tonnes handled in 2018-19. This port accounted for 32.1% of the total cargo handled by the non-major ports in Gujarat in 2019-20, and has witnessed increase in the cargo traffic ever since the commissioning of Gujarat Adani Port Ltd facility. Main commodities handled by GAPL port are Container, Coal and POL & its products.

17.1.6 Magdalla accounted for 34.46 million tonnes (8.4%) of the cargo traffic in 2019-20. Major commodities handled by the port are coal & Iron Ore.

17.1.7 Dahej Port handled 32.50 million tonnes of cargo in 2019-20 with a share of 7.9% 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 2019-20 were Magdalla, Sikka, Mul-dwarka, Bedi, GAPL and Pipapav; while Dahej and Jafrabad ports witnessed a decrease in cargo traffic in 2019-20. 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 2019-20 (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
2006-07	71.16	11.31	11.23	4.21	5.71	27.65	131.27
2007-08	80.48	13.31	12.43	4.36	6.08	33.86	144.44
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

17.1.9 POL & products accounted for 46.3% of the total cargo handled in 2019-20. This was followed by Other Commodities (26.7%), Coal (18.9%), Iron Ore (3.6%), Building Material (2.5%) and Fertilizer & FRM (2.0%).

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 2019-20 was 16.2%.

17.2.2 Non-major ports in Andhra Pradesh collectively handled 99.90 million tonnes of cargo during 2019-20 compared with 103.33 million tonnes in 2018-19, registering a decline of 3.3% in traffic. The overseas traffic during 2019-20 was 81.88 million tonnes (82.0%) of the total cargo traffic in Non-major ports of Andhra Pradesh and coastal traffic was of the order of 18.03 million tonnes (18%) of total cargo traffic.

Table 20 below gives the port wise details of the cargo handled at non-major ports in Andhra Pradesh from 2007-08 onwards and upto 2019-20.

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	Gangavaram	Krishnapatnam	Total
2007-08	2.63	4.02	12.64	-	-	19.29
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	3.20	3.16	9.85	14.00	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	25.20	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

17.2.3 Commodity-wise analysis of the total cargo handled by the non-major ports in Andhra Pradesh indicates that Coal (55.1%), Other Cargo (30.8%), Fertiliser & FRM (6.2%), Iron ore (5.4%) and Building material (1.1%) were the three principal items of cargo handled during 2018-19 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 and again increased to 45.26 million tonnes in 2017-18. This further increased to 56.31 million tonnes in 2018-19 and shown a negative growth of 2.3% during 2019-20 (55.03 million tonnes). 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.

Table 21 : Commodity-wise Traffic Handled at Andhra Pradesh Non-Major Ports							
Year	POL & Products	Iron ore	Building Material	Fertilizer & FRM	Coal	Others	Total
2006-07	8.49	3.88	0.34	1.95	0.14	3.81	18.61
2007-08	9.21	3.59	0.10	1.98	0.05	4.37	19.29
2008-09	9.44	9.47	0.16	3.23	3.52	3.91	29.72
2009-10	3.67	15.26	0.71	4.17	15.24	4.64	43.69
2010-11	2.79	8.96	0.48	5.8	19.62	5.62	43.27
2011-12	3.51	2.97	0.86	7.04	23.51	7.75	45.63
2012-13	1.76	0.98	1.11	5.13	30.85	11.97	51.81
2013-14	1.71	1.47	1.55	5.45	48.66	12.55	71.39
2014-15	1.40	10.53	2.49	5.36	35.96	14.97	70.72
2015-16	1.43	1.62	1.98	5.95	46.20	15.28	72.73
2016-17	2.71	2.98	1.66	4.87	39.52	17.86	69.60
2017-18	1.45	5.95	1.73	5.11	45.26	26.79	86.29
2018-19	1.40	8.13	2.39	7.49	56.31	27.62	103.33
2019-20	1.41	5.42	1.13	6.15	55.03	30.76	99.90

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 2019-20.

17.3.2 The total cargo traffic handled at the non-major ports of Maharashtra during 2019-20 was 43.66 million tones as compared to 45.79 million tonnes in 2018-19. This shows a negative growth of 4.6%. Out of 43.66 million tonnes of total cargo handled by Non-Major ports in Maharashtra, 23.35 million tones (53.5%) was overseas cargo and the remaining 20.31 million tonnes (46.5%) was coastal cargo.

17.3.3 Overseas traffic of 23.35 million tonnes has shown increased growth of 3.8% in 2019-20 from 22.50 million tonnes in 2018-19 whereas coastal traffic at 20.31 million tones has shown an decrease by 12.8% from 23.29 million tonnes in 2018-19. 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 17.31 million tonnes accounting for 39.7% 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
2006-07	6.80	1.02	1.28	0.66	1.82	11.58
2007-08	6.32	1.15	1.41	0.72	1.76	11.36
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	24.20
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

17.3.4 Commodity-wise break-up of the cargo handled by the non-major ports of Maharashtra indicates that Coal traffic of 22.25 million tonnes constituted (51.0%) of the total cargo handled in 2019-20 followed by Iron ore (21.87%), Other commodities (12.99%), POL & Products (8.7%) and Building Material (5.52%) as shown in the **Table 23**. As seen from the table, all commodities except Iron Ore have shown growth in traffic in 2019-20 as compared to 2018-19.

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
2006-07	4.58	1.77	0.58	2.29	2.36	11.58
2007-08	3.74	2.25	0.4	2	2.97	11.36
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	24.20
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

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 2019-20. During 2019-20, non-major ports in the State handled 0.94 million tonnes of cargo traffic as compared to 1.04 million tonnes in 2018-19 reflecting decrease of 10.44% over the previous year. The port-wise cargo traffic handled in Karnataka is given in **Table 24**.

Table 24 : Traffic Achieved at Select Non-Major Ports – Karnataka						
Year	Traffic Handled (Million Tonnes)					
	Karwar	Old Mangalore	Malpe	Belekri	Others	Total
2006-07	2.38	0.09	0.01	4.08	-	6.56
2007-08	2.72	0.08	0.01	6.09	-	8.9
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	-	3.10
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	0.00	0.00	1.04
2019-20	0.86	0.07	0.00	0.00	0.00	0.94

17.4.2 Belekri, the leading port of Karnataka which handled 1.83 million tonnes of cargo during 2010-11, could not handle any cargo 2011-12 onwards due to ban on mining of Iron Ore in Karnataka. The contribution of the Karwar Port handling 0.86 million tones cargo was 92.1% in 2019-20 and Old Manglore handled 0.07 million tonnes of cargo during 2019-20.

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

Table 25 : Commodity-wise Traffic Handled at Non-Major Ports – Karnataka

Year	Traffic Handled (Million Tonnes)						Total
	POL & Products	Granite	Fertiliser & FRM	Salt	Iron Ore	Others	
2006-07	0.14	0.34	0.1	0.07	5.77	0.14	6.56
2007-08	0.05	0.31	0.04	0.08	8.04	0.38	8.90
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

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 2019-20 the non-major ports in Tamil Nadu collectively handled 11.37 million tonnes of cargo traffic as compared to 0.96 million tonnes in the previous year. The port-wise traffic is brought out in the **Table 26** below.

Table 26 : Traffic Achieved at Select Non-Major Ports-Tamil Nadu							
Year	Traffic Handled (Million Tonnes)						
	Ennore	PY-3	Nagapattinam	Tirukkadaiyur	Cuddalore	Kattupalli	Total
2006-07	0.07	0.26	0.31	0.15	0.02	-	0.81
2007-08	0.05	0.16	0.33	0.27	0.08	-	0.89
2008-09	0.02	0.12	0.39	0.36	0.01	-	0.90
2009-10*	0.04	0.07	0.60	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

17.5.2 Kattupalli port handled the maximum traffic of 10.93 million tonnes during 2019-20 accounting for 96.1% followed by Cuddalore port (0.278 million tonnes) accounting for 2.41% and Other Ports (0.16 million tonnes) accounted for 1.41% 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 (94.78%) followed by POL & Products (0.51 million tonnes) with a share of (4.48%) of the traffic as shown in the **Table 27**.

Table 27 : Commodity-wise Traffic Handled at Non-Major Ports-Tamil Nadu					
Year	Traffic Handled (Million Tonnes)				
	POL & Products	Fertiliser & FRM	Edible Oil	Others	Total
2006-07	0.67	0.07	0.03	0.04	0.81
2007-08	0.71	0.09	0.03	0.06	0.89
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

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 28 : Traffic Achieved at Select Non-Major Ports-Odisha			
Year	Traffic Handled (Million Tonnes)		
	Dhamra	Gopalpur	Total
2007-08	-	0.30	0.30
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

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 2019-20 the non-major ports in Odisha collectively handled 35.27 million tonnes of cargo traffic as compared to 22.19 million tonnes in the previous year showing an increase of 58.97%. The port-wise traffic is brought out in the **Table 28**.

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 (15.40 million tonnes) with a share of 43.7% followed by Iron ore (9.73 million tonnes) with a share of 27.58% as shown in the **Table 29**.

Table 29 : Commodity-wise Traffic Handled at Non-Major Ports-Odisha					
Year	Traffic Handled (Million Tonnes)				
	Fertiliser &	Iron Ore	Coal	Others	Total
2007-08	0.20	0.04	0.00	0.05	0.30
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

SECTION – II

1. VITAL PORT STATISTICS

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

(As on 31.3.2020)

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 and Waterways

Table 1.2

List of Non-Major Ports

(As on 31.3.2020)

GUJARAT		KARNATAKA	
1 Alang**	11 Dharamtar (Alibag)*	1 Belekere	12 Rameswaram
2 Bedi*	12 Harnai	2 Bhatkal	13 Thirukkadaiyur*
3 Beyt	13 Jaigad*	3 Hangarkatta	14 Thiruchopuram
4 Bhagwa	14 Jaitapur	4 Honnavar	15 Valinokkam
5 Bharuch	15 Kalyan	5 Karwar*	
6 Bhavnagar*	16 Karanja*	6 Kundapur	Odisha
7 Bhogat	17 Kelshi*	7 Malpe	1 Gopalpur*
8 Billimora	18 Kelwa-Mahim	8 Manki	2 Bahabalpur
9 Chhara	19 Kiranpani	9 Old Mangalore*	3 Bahudamuham (Sone pur
10 Dahej*	20 Kumbharu	10 Padubidri	4 Palur
11 Gogha	21 Malvan	11 Pavinkurve	5 Baliharichandi
12 Hazira- HPPL & AHPPL*	22 Mandad	12 Tadari	6 Astaranga
13 Jafarabad*	23 Mandwa		7 Jatadhar Muhan
14 Jakhau*	24 Manori	LAKSHADWEEP	8 Bichitrapur (Talashari)
15 Jodiya	25 Mora	1 Agatti	9 Dhamra*
16 Khambhat	26 Murud- Junjira	2 Amini	10 Chudamani
17 Kolak	27 Nandgaon	3 Androth	11 Inchudi
18 Kotda	28 Navapur	4 Bitra	12 Chandipur
19 Koteswar	29 Nivati	5 Chetlat	13 Subanarekha Mouth
20 Madhvad	30 Palshet	6 Kadmat	(Kirtania)
21 Magdalla*	31 Purnagad	7 Kalpeni	14 Riverine
22 Mahuva	32 Rajpuri / Dighi*	8 Kavaratti	
23 Mandvi	33 Ratnagiri*	9 Kiltan	DAMAN & DIU
24 Mandvi Mundra Port & SEZ(GAPL)*	34 Redi*	10 Minicoy	1 Daman
25 Mangrol	35 Revdanda*		2 Diu
26 Maroli	36 Rewas (Thal)	ANDAMAN & NICOBAR	
27 Mul-Dwarka*	37 Satpati	1 Campbell Bay*	
28 Mundra (Old)*	38 Shriwardhan	2 Chowra	KERALA
29 Nargol	39 Tarapur	3 Cinque & south cinque Islands	1 Kovalam /Vizhinjam*
30 Navabander	40 Thane	4 Diglipur*	2 Thiruvananthapuram/ Valiyathura
31 Navlakhi*	41 Trombay*	5 Dugong Creek	3 Thankaserry
32 Okha*	42 Ulwa-Belapur*(panvel)	6 East Island	4 Kollam / Neendakara*
33 Onjal	43 Uttan	7 Havelock* (Swaraj Dweep)	5 Alappuzha
34 Pindhara	44 Vasai*	8 Hut Bay*	6 Kodungallore
35 Pipavav (GPPL)*	45 Varoda (Tiwari)	9 Katchal (East Bay)*	7 Ponnani
36 Porbandar*	46 Vengurla	10 Kondul	8 Kozhikode
37 Port Victor	47 Versova	11 Macpherson (jolly Bouy)	9 Beypore*
38 Rajpara	48 Vijaydurg*	12 Malacca Car Nicobar (East)*	10 Thalassery
39 Rupen		13 Mayabunder*	11 Kannur
40 Sachana	ANDHRA PRADESH	14 Meadow	12 Kasaragode
41 Salaya*	1 Bhavanapadu	15 Mus Carnicobar (West)	13 Neeleswaram
42 Sikka*	2 Kalingapatnam	16 Nancowry Harbour* (Kamor	14 Azhikkal*
43 Talaja	3 Bheemunipatnam	17 Neil Island (Shaheed Dweej	15 Kayamkulam
44 Umargaon	4 Kakinada	18 Pillomillow	16 Vadakara
45 Umarsadi	i) Anchorage*	19 Port Blair*	17 Manjeswaram
46 Valsad	ii) Rawa*	20 Rangat*	
47 Vansi-Borsi	5 Narasapur	21 South Bay	PUDUCHERRY
48 Veraval	6 Machilipatnam	22 Teressa	1 Pondicherry
	7 Vadarevu	23 Tillanchong	2 Karaikal*
	8 Nizampatnam	24 Tillanchong (Castle Bay)	3 Chemplast Sanmar (Karaikal)*
	9 Krishnapatnam*		WEST BENGAL
MAHARASHTRA	10 Gangavaram *	TAMIL NADU	1 Kulpi
1 Arnala (Datiware)	11 Mutyalammappalem	1 Colachel	
2 Achara	12 Kakinada Deep Water	2 Cuddalore*	
3 Bandra	13 Ramayapattanam	3 Ennore*	
4 Bankot*		4 Kanyakumari	
5 Bhiwandi*	GOA	5 Kattupalli*	
6 Boria	1 Betul	6 Kudankulam*	
7 Borli/ Mandala	2 Chapora	7 Manappad	
8 Dahanu*	3 Panaji*	8 Nagapattinam*	
9 Dabhol*	4 Talpona	9 Pamban	
10 Devgad	5 Tiracol	10 Punnakkayal	
		11 PY-3(Oil field)	

* Non-Major Ports handling Cargo (66 Non Major Ports).

Source : State / UT

Table 1.3

Topography of Major Ports

(As on 31.3.2020)

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° 49' E	7.5	15.4	245	1	570	Artificial Lagoon port
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
SMP Kolkata Dock System	22° 33' N	88° 18' E	232	2.5\$	45	2	KPD-190 NSD-228	Riverine with impounded Docks & River side Jetty.
SMP 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 2019-20 published by IPA

Table 1.4 Berths Available at Major Ports

(As on 31.03.2020)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2018-19	2019-20
1	2	3	4	5	6
DEEN DAYAL PORT					
I) Cargo Jetty					
CJ-I - Multipurpose	9.8	182.87	45,000	98	87
CJ-II - Multipurpose	9.8	182.87	45,000	93	83
CJ-III - Multipurpose	9.8	182.87	45,000	92	79
CJ-IV - Multipurpose	9.8	182.87	45,000	90	64
CJ-V - Multipurpose	9.1	205.73	35,000	88	67
CJ-VI - Multipurpose	9.1	205.73	35,000	95	87
CJ-VII - Multipurpose	12.0	238.64	55,000	79	84
CJ-VIII - Multipurpose	12.0	213.04	55,000	60	32
CJ-IX - Multipurpose	12.0	182.87	55,000	85	63
CJ-X - Multipurpose	12.0	205.72	55,000	93	69
CJ-XI - Multipurpose & Container	12.5	281.00	65,000	36	78
CJ-XII - Multipurpose & Container	12.5	264.00	65,000	71	90
CJ- XIII- Multipurpose & Container	13.0	300.00	75,000	95	85
CJ-XIV					84
CJ-XV	13.0	300.00	75,000	87	78
CJ-XVI					75
Tuna Takera	15.0	600.00	...	67	25
II) IFFCO BARGE JETTY	...	...	...	33	26
III) Oil Jetty					
OJ-I - POL Products, Veg.Oil & other Liquids	9.8	213.4	40,000	90	93
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	96	97
OJ-IV - POL Products, Veg. Oil & other Liquids	10.7	216.0	56,000	99	97
OJ-V - Phos. Acid & Ammonia	10.7	216.0	45,000	74	75
OJ-VI - POL Products	10.1	216.0	45,000	53	82
IV) At Vadinar					
SBM-I - POL Crude	30.0	...	3,00,000	51	50
SBM-II - POL Crude	30.0	...	3,00,000	55	50
SBM-III - POL Crude	30.0	...	3,00,000	68	76
Essar C. Jetty -I	14.0	...	1,00,000	83	79
Essar C. Jetty -II	14.0	...	1,00,000	82	83
MUMBAI					
Indira Docks					
1. Indira Dock Multi-Purpose berth	8.84 to 9.14	180	...	31	30
2. Indira Dock Multi-Purpose berth	8.84 to 9.14	158	...	33	30
3. Indira Dock Multi-Purpose berth	8.84 to 9.14	158	...	15	11
4/5. Indira Dock Multi-Purpose berth	8.84 to 9.14	158	...	42	30
9. Indira Dock Multi-Purpose berth	8.84 to 9.14	152	...	41	28
J/E Indira Dock Multi-Purpose berth	8.84 to 9.14	130	...	11	22
10.Indira Dock Multipurpose	8.84 to 9.14	152	...	28	27
11. Indira Dock Multipurpose	8.84 to 9.14	152	...	8	4
12. Indira Dock Multipurpose	8.84 to 9.14	152	...	10	15
12 A. Indira Dock Multipurpose	8.84 to 9.14	180	...	62	34
12 B. Indira Dock Multipurpose	8.84 to 9.14	180	...	52	19
13 Indira Dock Multipurpose	8.84 to 9.14	158	...	54	24
13 A. Indira Dock Multipurpose	8.84 to 9.14	180	...	26	16

Table 1.4 Contd...

Berths Available at Major Ports

(As on 31.3.2020)

Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage	
				Occupancy during	
				2018-19	2019-20
1	2	3	4	5	6
13 B.Indira Dock Cargo and Bulk Cargo	8.84 to 9.14	180	...	14	8
14. Indira Dock Multipurpose	8.84 to 9.14	158	...	3	5
15. Indira Dock Multipurpose	8.84 to 9.14	158	...	17	5
16. Indira Dock Multipurpose	8.84 to 9.14	158	...	45	20
18.Indira Dock Multipurpose	7.0 CD	183	...	34	35
19/20. Indira Dock Multipurpose	7.0 CD	168	...	42	46
21. Indira Dock Multipurpose	7.0 CD	168	...	31	35
22/23. Indira Dock Multipurpose	7.0 CD	168	...	43	30
Ballard Station					
Pier- Container	10.0 CD	244	...	57	59
Ballard Extn.					
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
OCT 1 Multipurpose Berth	9.7	350			24
Jawahar Dweep					
1.JD - POL	11.58	244	70,000	52	57
2 JD - POL	10.97	244	48,000	40	51
3.JD - POL	11.58	244	70,000	66	61
4 JD - POL	14.30	493	1,25,000	72	76
PIR PAU - POL/Chem	7.50	174	35,000	9	8
NEW PIR PAU - POL/Chem	12.00	197	47,000	72	78
* New PIR Pau 2	13.00	230	-	69	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 31.3.2020)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during		
				2018-19	2019-20	
1	2	3	4	5	6	
J.L.NEHRU						
CB-01- Container JNPCT	}	16.2	680	1,50,000	74	52
CB-02 - Container JNPCT		16.2	600	1,50,000	69	49
CB-04 - Container NSICT		16.2	712	1,50,000	19	19
CB-05 - Container GTIPL		16.2	330	1,50,000	57	63
CB-06 - Container NSICT		16.2	1000	1,50,000	76	75
APMT-01-Container BMCT		}	16.2	1000	1,50,000	82	78
APMT-02-ContainerBMCT	70		75			
Liquid Cargo Berth(BPCL)						
Piled Jetty-Seaward-LB-01		16.2	300#	1,00,000	97	96
Inner face-LB-02		12.2	280##	50,000	80	78
SB-01 Shallow Draught Berth	}	9.2			13	10
SB-02 Shallow Draught Berth		10.7	445	30,000	68	67
SB-03 Shallow Draught Berth		10.7			42	40
JNPT Anchorage		-	-	-	87	78
BM -1		-	-	-	17	30
BM -2		-	-	-	24	9
BM -3		-	-	-	12	13
MORMUGAO						
5 General Cargo(a)	}	14.1	210	50000	37	40
6. Coal, Coke		14.1	240	70000	52	64
7. Coal, Coke		14.1	300		67	54
8. Liquid Bulk		13.1	50	125000	29	37
9.General Cargo except Coal		14.1	357.5*	275000	82	39
10. General Cargo	}	13.1	250	55000	66	50
11. General Cargo		13.1	270	65,000	75	53
FJ. Finger Jetty					29	13
Barge Berth No. 1 to 5		6.0	120.0		-	-
Mooring Dolphins						
No.1 Mix Cargo (except Coal)		14.1	340	70,000	-	-
No.2. 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	340	70,000	-	-
NEW MANGALORE						
Berth No. 1 General Cargo		7.0	125	4000	4	3
Berth No. 2 General Cargo		10.5	198	30000	42	40
Berth No. 3 General Cargo		10.3	198	30000	19	41
Berth No. 4 General Cargo/Liq. Amonia/Phos. Acid		9.5	198	30000	19	21
Berth No. 5 General Cargo/Bulk Cement/Edible Oil		9.5	198	30000	40	42
Berth No. 6 Coal/Bulk Cargo		9.5	198	30000	27	25
Berth No. 7 Coal/Bulk Cargo		9.5	198	30000	30	32
Berth No.8 Coal/Bulk Cargo		12.5	300	60000	41	33
Berth No.9 LPG		10.5	330	45000	38	40
Berth No.10 Cruid/ POL Product		14.0	320	85000	49	41
Berth No.11 Cruid/ POL Product		14.0	320	85000	54	47
Berth No.12 POL Product/LPG/Chemical		12.5	320	50000	55	72
Berth No.13 POL Product		14.0	350	85000	77	81
Berth No. 14 Coal/Bulk cargo		14.0	350	90000	84	77
Berth No.15 Coal (UPCL)		14.0	350	90000	22	16
Berth No.16 Coal/Bulk Cargo		14.0	300	90000	-	31
Single Point Mooring (SPM)		21.0	-	300000	47	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 etween 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 31.3.2020)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2018-19	2019-20
1	2	3	4	5	6
COCHIN					
Q1 - General Cargo	9.1	188	16000	53	74
Q2 - General Cargo	9.1	228	16000	0	0
Q3 - General Cargo	9.1		16000	0	0
Q4 - General Cargo/Liquid Bulk	9.1	251	30000	37	34
Q5 - General Cargo/Finished Fertiliser/CBFS	10.0	503	20000	50	95
Q6 - General Cargo/Container/CBFS	10.0		20000	39	43
Q7 - General Cargo	10.5		20000	54	31
Q8 - General Cargo	11.0	414	60000	35	29
Q9 - General Cargo	11.0		60000	40	25
Q10 - Fert. Raw Materials/Phos.Acid	10.7	278	60000	43	45
BTP - Passenger & Cargo/Liquid Bulk	10.0	270	35000	72	100
NCB - General Cargo/Liquid Amonia	9.1	209	35000	40	100
SCB - General Cargo/Liquid Amonia	9.1	192	15000	9	2
COT - POL /Crude	12.5	430	115000	79	92
NTB - POL Products	9.1	298	30000	34	45
STB - POL Products	9.1	266	20000	0	1
SPM - Crude Oil	22.5	NA	300000	51	49
V2 Container	14.5	600	100000	65	60
V3 Container	14.5		100000	64	68
LNG	12.5	376.5	100000	5	6
UTL	5.3	300	-	134	100
V.O.CHIDAMBARANAR					
Alongside Berths					
Berth No.1 - General Cargo	9.3	168	45269	40	50
Berth No.2 - General Cargo	9.3	168	57809	42	49
Berth No.3- Bulk Cargo	10.7	192	58642	34	43
Berth No.4 - Bulk & Ph.Acid	10.7	192	70101	42	51
Berth No.5 - Passenger & GC	8.6	168	57196	47	45
Berth No. 6 - General Cargo	9.3	168	56842	48	46
Berth No.7- Genral Cargo	11.7	370	28966	58	37
Container Terminal					
Berth No.8 - Container	14.2	345	60429	54	79
Berth No.9 - Container	14.2	335	82962	56	58
Shallow Drought Berth					
Berth No.1 - General Cargo SBW I	5.9	140	5400	0	-
Oil Jetty					
NCB I	13.2	306	57305	44	45
NCB II	13.2	306	-	-	-
Oil Jetty- POL, Ammonia	13	150	73711	41	32
Coal Jetties					
Coal Jetty No.1 -Thermal Coal*	13	301	57196	-	27
Coal Jetty No.2- Thermal Coal	13	318	73879	79	67
EARM General Cargo	7.14	140	6298	41	-
Zone- B Jetty	3.3	320	-	-	-
Coastal Birth CBW				7.29	32.72
CHENNAI					
Dr. Ambedkar Dock					
1. North Quay - Passenger/ G.C./LB	8.5	198	...	61	65
2. West Quay I - G.C./Other Liquid Cargo	11.0	170.6	...	46	39
3. West Quay 2 - General Cargo/RO-RO/LB	12.0	170.6	...	27	24
4. Centre Quay - General Cargo/Food Grains	12.0	170.6	...	38	34
5. West Quay 3 - General Cargo/Food Grains	12.0	170.6	...	53	52

Note: * denotes Coal jetty I berth operated on 12.08.2019

Table 1.4 Contd...

Berths Available at Major Ports

(As on 31.3.2020)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2018-19	2019-20
1	2	3	4	5	6
6. West Quay 4 - Fert./General Cargo/Passenger	11.0	170.6	...	63	43
7. South Quay 1 - Fert./General Cargo/Dry Bulk	9.5	246.0	...	100	83
8. South Quay 2 - Fert./General Cargo/Dry Bulk/LB	9.5	179.0	...	34	31
Jawahar Docks					
11. J.D.1 - Dry Bulk/General	11.5	218.3	...	60	51
12. J.D.2 - Dry Bulk/General	12.0	218.3	...	59	48
13. J.D.3 - Dry Bulk/General	12.0	218.3	...	63	48
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	...	63	51
16. J.D.6 - Dry Bulk/Liquid/General	11.0	218.3	...	97	64
Bharathi Docks					
17. B.D.1 - POL	14.6	355.7	...	68	75
18. B.D.2 -POL/Other Liquid	16.5	382.0	...	80	60
19. B.D.3 - POL	16.5	325.1	...	74	61
Container Terminal					
20. CT-1 - Containers	13.4	200.0	...	15	18
21. CT-2 - Containers	13.4	200.0	...	26	33
22. CT-3 - Containers	13.4	200.0	...	38	31
23. CT-4 - Containers	15	285.0	...	43	31
International Terminal					
24. SCB-I - Containers	15.0	287.0	....	39	15
25. SCB-II - Containers	15.0	270.0	....	46	44
26.SCB-III-Containers	15.0	275.0	....	37	29
KAMARAJAR					
Coal Berth - 1	14.5	280	77000	89	89
Coal Berth - 2	14.5	280	77000	87	84
Common user Coat Terminal	16.0	347.5	150000	61	46
Marine Liquid Terminal-1-POL/Chemicals	13.5	360	150000	91	85
Multi Cargo Terminal	14.5	270	70000	29	26
Container Terminal*	15.0	400	-	4	11
Genral Cargo Terminal	10.0	278	-	23	21
Iron Ore Terminal	13.5	347.5	-	-	-
Adani Ennor Container Pvt Ltd.	-	-	-	-	-
Chettinad International Bulk Terminal Pvt Ltd.	-	-	-	-	-
LNG Terminal	14.5	362.0	-	-	4.0
VISAKHAPATNAM					
Inner Harbour					
Multipurpose Berths					
East Quay - 1	14.5	280	...	15	28
East Quay - 2@	14.5	560.0	...	0	0
East Quay - 3@	14.5	182.9	...	73	43
East Quay - 4@	14.5	255	...	0	53
East Quay - 5@	14.5	255.0	...	40	0
East Quay - 6	11.0	255	...	78	72
East Quay - 7	14.5	255	...	85	79
East Quay - 8	14.5	255	...	61	56
East Quay - 9	14.0	255	...	75	65
East Quay -10	11.0	160	...	9	12
West Quay - 1	13.5	212	...	71	55
West Quay - 2	13.5	116.7	...	69	63
West Quay - 3	13.5	201.1	...	71	53
West Quay - 4	11.0	243	...	58	44
West Quay - 5	11.0	241.7	...	47	39
West Quay -6	14.0	255	...	13	0
West Quay -7	14.5	280	...	40	52
West Quay -8	14.5	280	...	14	38
Captive Berths					
O R - 1	10.06	183	...	76	84

@ 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 31.3.2020)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during		
				2018-19	2019-20	
1	2	3	4	5	6	
OR2	9.8	183		73	79	
Outer Harbour						
1. VGCB - General cum Bulk Cargo@-Multipurpose	18.1	356	...	89	77	
Captive Berths						
OB -Iron Ore/Coking Coal/Steam coal	16.5	300	}	...	53	
OB -2 Iron Ore/Coking Coal/Steam coal	16.5	300				
OSTT - Crude Oil *	17.0	408	...	6	23	
LPG -POL/LPG	14.0	370.9	...	66	72	
VCTPL- Containers	14.5	451		71	71	
SPM-CRUDE OIL	-			31	-	
FB	10.1	173.1	-	40	35	
REWQ I	11.0	170.0	-	22	-	
Green Channel Berth	8.2	185.0		-	-	
PARADIP						
Iron Ore Berth-Iron Ore	13.0	210 dolphin to Dolphin 320	70,000	75	92	
East Quay - I -General	11.0	}	60000	86	92	
East Quay - II-General	11.5		686	60000	51	0
East Quay - III-General	12.5		70000	50	94	
South Quay-General	12.5	265	60000	88	94	
Central Quay - I-General	14.5	}	95000	92	94	
Central Quay - II-General	14.5		750	95000	85	93
Central Quay - III-General	14.5		95000	42	80	
Fertiliser Berth - I	14.5	}	95000	56	47	
Fertiliser Berth - II	14.5		730	95000	67	67
Multipurpose Berth-General (MPB)	14.5		95000	91	85	
Coal Berth - I	14.5	260	80000	73	74	
Coal Berth - II	14.5	260	80000	64	74	
North Oil Jetty	13.5	360	80000	43	50	
SPM -I	21.0	}	32000	71	68	
SPM -II	23.0					
SPM -III	23.0					
South Oil Jetty	14.5	360	-	59	61	
RO-RO Jetty- P. Cargo	5.5	50	10000	-	-	
North Quay-I	5.0	-	-	-	-	
North Quay-II	5.0	-	-	-	-	
PICT	14.5	450		-	23	
Deep Sea Trawler Berth	5.0	-	-	-	-	
SMP (KOLKATA DOCK SYSTEM)						
Kidderpore Dock (KPD)						
1 KPD- General	8.0	133	Around 25000 depending on parcel load +	76	59	
3 KPD -General	8.7	128		53	51	
4 KPD-General	8.5	136		52	59	
5/7 KPD- General	8.7	229	-do-	63	96	
6 KPD-General	8.2	118	-do-	30	48	
8 KPD- General	8.5	128	-do-	98	99	
9 KPD- General	8.7	108	-do-	23	41	
10 KPD- General	8.5	161	-do-	62	93	
11 KPD (Passenger & Coastal)	8.5	151	-do-	47	18	
12 KPD(Passenger & Coastal)	8.6	143	-do-	100	62	
22 KPD-General	8.7	151	-do-	80	79	
23 KPD-General	8.7	147	-do-	98	82	
24 KPD-General	8.7	152	-do-	99	95	
25 KPD-General	8.5	169	-do-	90	61	
26 KPD-General	8.4	185	-do-	86	48	
27 KPD-General	8.2	195	-do-	100	100	
28 KPD-General	8.4	195	-do-	100	100	
29 KPD-General	8.4	185	-do-	95	84	

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 31-03-2020)

Port/ Type of Berth (No.)	Draft (In Mtrs.)	Quay Length (In Mtrs.)	Maximum size of ships that can be accommodated (DWT)	Percentage Occupancy during	
				2018-19	2019-20
1	2	3	4	5	6
Netaji Subhash Dock (NSD)					
1 NSD-General/Heavy Cargo	8.2	200	-do-	70	62
2 NSD-General Cargo	8.5	187	-do-	75	70
3 NSD-General Cargo	8.7	183	-do-	76	94
4 NSD-Container	8.6	181	Around 21000	90	97
5 NSD-Container	8.6	182	-do-	88	94
7 NSD-Container	8.7	192	-do-	97	74
8 NSD-Container	8.0	225	Around 25000	90	83
12 NSD-Liquid Cargo	8.0	152	depending on parcel load	62	59
13 NSD-General Cargo	8.4	174		57	60
14 NSD-General Cargo	7.2	174	-do-	99	96
Budge Budge Jetties					
1 BB-Liquid Cargo	13.7	189	Around 38000	64	27
2 BB-Liquid Cargo	11.1	95	-do-	21	17
3 BB-Liquid Cargo	11.2	146	-do-	0	6
5 BB-Liquid Cargo	12.3	189	-do-	35	36
7 BB-Liquid Cargo	10.7	140	-do-	38	38
8 BB-Liquid Cargo	9.1	177	-do-	29	41
SMP (HALDIA DOCK COMPLEX)					
HOJ-I - POL, Amonia & Chemical	12.2	236	90000	81	81
HOJ-II - POL	12.2	277	150000	77	77
HOJ-III- POL Crude	12.5	275	150000	66	61
Berth No.2 - Multipurpose Berth handling Dry Bulk	10.0	238	75000	88	85
Berth No. -3- Multipurpose Berth handling POL, Iron Ore & other bulk	12.2	239	75000	72	73
Berth No. - 4 -Thermal Coal (Mechanised)	12.2	239	75000	60	60
Berth No.- 4 A- Coking Coal (Mechanised)	12.2	230	75000	78	76
Berth No. - 4 B - Multipurpose-Dry Bulk & Break Bulk	12.2	180	75000	87	84
Berth No. 5 - Coking Coal & FRM (Dry)-Mechanised	12.2	183	75000	57	51
Berth No. 6 - Multipurpose-Dry Bulk, Break Bulk & Liquid Bulk	12.2	212	75000	76	80
Berth No. 7 - Multipurpose-Dry Bulk, Break Bulk & Liquid Bulk	12.2	212	75000	28	4
Berth No. 8 - Multipurpose-Dry Bulk, Break Bulk & Liquid Bulk	12.2	220	75000	88	82
Berth No. 9 - Multipurpose-Dry Bulk, Break Bulk & Container	12.2	210	75000	52	87
Berth No. 10 - Multipurpose-Dry Bulk, Break Bulk & Container	12.2	210	75000	44	40
Berth No. 11 - Multipurpose-Dry Bulk, Break Bulk & Container	12.2	210	75000	48	49
Berth No. 12 - Multipurpose-Dry Bulk & Break Bulk	12.2	210	75000	66	66
Berth No. 13 - Multipurpose-Dry Bulk & Break Bulk	10.0	210	75000	79	76
Floating Jetty- Mini bulk carrier(MCB) jetty for handling dry bulk like Coking Coal, Non Coking Coal, Coke, Limestone etc.	7	110	10000	-	-

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

Source: Major Ports

Table 1.5

Storage Facilities Available at Major Ports

(As on 31.3.2020)

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						
ii) Ware-Houses/Godowns						
Open Area*						
Kutchra Plots						
Pucca Plots						
Other (Private/Users agencies)						
Godowns by CWC						
Container						
Container Yard		2688				
Reefer Points (No.)		48				
2. MUMBAI						
(A) Port Owned						
(a) Covered area						
i) Transit Sheds	19	96606	15	Inside Port	221664KLS	POL
ii) Ware-Houses	18	140158	1	Inside Port	210000KLS	Chemical
			1	Inside Port	20000KLS	LPG
b) Open	58	739238	2	Inside Port	41000KLS	Chemical/POL
(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						
i) Transit Sheds/Overflow sheds.	4	22065	4	Port Area	11840 KL	PFAD / caustic soda
ii) Ware-Houses	2	3301	1	Port Area	5000 KL	Ammonia
iii)Ware-Houses- CWC & FCI	4	14480	5	Vasco City	34660 KL	POL Products
(b) Open Area			3	Vasco City	22500 KL	Phosphoric Acid
Open	5	199667	7	Port Area	10960	Other Liquid Products
Other Area			4	Port Area	92000	Other Liquid Products
Open	2	41000				
	1	35641				
		-				
(c) Container Yards			1	Inside	14823	
			1	Outside	19466	
(d) Reefer Points(No)	84	-				

Table 1.5 Contd.

Storage Facilities Available at Major Ports

(As on 31.3.2020)

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 279345KL	Petroleum product/ Chemical/Molasses/ Edible Oil
ii) Covered Ware-Houses	6	22458 Sq.mts 61144MT				
iii) Open Stack Yard (CWC)	8	496149 Sq. mts	33	Wharf Area	86842 167688 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	2	62000 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	14755				
iii)Container Freight Station	1	10000				
(b) Open Area						
i) Open Space	1	125000				
ii) CFS Yard	-	-				
(c) Container Yards						
Open			3	outside port	78800	
			1	inside port	20000 TEUs	
			64	inside port		
7. V.O. CHIDAMBARANAR						
(a) Covered area						
i) Transit Sheds	2	10800	3	VOC Wharf Berth IV		
ii) Ware - Houses	3	14940	37	Outside		
iii) Other covered area						
vi) Private Warehouses						
(b) Open Area						
i) General cargo	-	560000				
ii) Container	14					
iii)Ware house	23					
vi)Reefer		116				
C) Other (Private/ Users agencies)						
open		3150000				
8. CHENNAI						
A. Port Owned						
(a) Covered area						
i) Transit / Overflow Sheds	5	10905	38	Area-I	205123.73.4 KL	Edible Oil, CBFS, Fuel Oil.
ii) Ware-Houses	12	48275				
exim Gdown	2	9256 1341375	46	Area-IV	141215.64 KL	Phosphoric Acid, Edible Oil
(b) Open Area						

Storage Facilities Available at Major Ports

(As on 31.3.2020)

Table 1.5 Contd. Port/Type	Dry Storage Accomodation		Liquid Storage Tanks			
	No.	Area(Sq.mts)/ Capacity	No.	Location	Capacity	Type of Cargo
	2	3	4	5	6	7
				Area-IV inside port	346339.37KL	Liquid cargo
B. Others (Area Allotted)						
(a) Covered area		10905				
i) Transit shed		34715				
ii) Ware house		22813				
iii) Vacant area						
(b) Open Area		263265				
i) Alloted area inside Port		243100				
ii) Vacant area inside Port		835008				
ii) Other open area inside Port						
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	Fert Raw Mat
i) Transit Sheds/Over flow sheds	2	7800	12	Outside Port	199400	Fert Raw Mat
ii) Ware - Houses			10	Outside Port	610585	POL (crude)
iii) Container Freight Station		2041100	45	Outside Port	1203585	POL
(b) Open Area (Inside port)		7300	12	Outside Port	42500	Edible Oil
Outside port						
B) Other (Private/ users agencies)						
a) Covered area						
i) Transit Sheds/Over flow sheds		21000				
ii) Ware - Houses						
iii) Container Freight Station		20465				
(b) Open Area (Inside port)		147000				
outside port		48535				
Container						
11. KOLKATA DOCK SYSTEM						
A. Port Owned (inside port)						
(a) Covered area	26	134722	3	Outside Port	4500 KL	Vegitable Oil
i) Transit Sheds	3	10794	42	Inside Port	82095 KL	Vegitable Oil
ii) Ware-Houses	1	9000	118	Inside Port	380883 KL	POL
iii) Container Freight Station		144 TEUs Reefer	12	Outside Port	81114 KL	POL
			14	Inside Port	6070 KL	Chemicals
		223000				
(b) Open Area		12000 TEUs Normal				
B. Others (outside port)						
(a) Covered area	4	...	1	Inside Port	9000	
i) Container Freight Station					144TEUs	
				Container yard	12000 TEUs	
				150908 Sq. mts.		
ii) Container yard				554662 KL		Liquid Bulk Carpo
iii) Liquid Bulk Cargo stores capacity						
12. HALDIA DOCK COMPLEX						
(a) Covered area	4	19500 @				
i) Transit/Overflow Sheds	11	943100\$				
(b) Open Area	1	5000 (TEUs)				
(c) Container						
13. KAMARAJAR						
(A) Port Owned						
a) Covered Area	1	199500				
b) Open Area						
(B) Other (Private / users agencies)						
a) Covered						
i) Transit sheds			66	Port	254478 KL+	POL/Chemical
ii) Ware house					360000 cbm	
b) Open Area	2	1014964				
Container (Out side port)	1	118600				
(Inside port)	1	186000				

* 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 storage area leased to port users inside the dock.

Source -Major Ports

Table 1.6

Commodity-Wise Capacity Available at Major Ports

(In Million Tonnes)

Commodities	SMP (KDS)	SMP(HDC)	PPT	VPT	EPL	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 31.3.15	4.50	17.00	53.00	27.49	4.00	17.67	2.30	24.01	49.17	1.50	32.00	66.60	6.50	305.74
As on 31.3.16	4.50	17.00	54.50	27.49	4.00	17.67	3.15	24.01	49.17	1.50	34.50	70.82	6.50	314.81
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron Ore														
As on 31.3.15	-	6.00	4.50	12.50	6.00	8.00	-	-	7.50	27.50	-	-	-	72.00
As on 31.3.16	-	6.00	6.39	12.50	6.00	8.00	-	-	7.50	27.50	-	-	-	73.89
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Coal														
As on 31.3.15	-	7.00	21.00	-	24.00	-	12.55	-	5.40	4.61	-	-	-	74.56
As on 31.3.16	-	9.00	21.00	-	32.00	-	24.18	-	5.40	8.94	-	-	-	100.52
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fertiliser														
As on 31.3.15	-	-	7.50	1.00	-	-	-	0.80	-	-	-	2.00	-	11.30
As on 31.3.16	-	-	7.50	1.87	-	-	-	0.80	-	-	-	2.00	-	12.17
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Break-Bulk Cargo														
As on 31.3.15	6.74	15.75	33.80	53.09	3.00	17.92	24.70	12.35	15.70	10.15	11.53	45.63	0.90	251.26
As on 31.3.16	6.74	29.89	37.55	59.69	3.00	22.92	24.70	12.35	15.70	10.85	14.83	51.04	0.90	290.16
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Container														
As on 31.3.15	9.86	4.00	-	2.68	-	42.45	5.00	12.50	-	-	1.00	7.20	71.97	156.66
As on 31.3.16	9.86	4.00	-	6.20	-	44.85	7.23	12.50	-	-	0.00	7.20	81.97	173.81
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL														
As on 31.3.15	21.10	49.75	119.80	96.76	37.00	86.04	44.55	49.66	77.77	43.76	44.53	121.43	79.37	871.52
As on 31.3.16	21.10	65.89	126.94	107.75	45.00	93.44	59.26	49.66	77.77	48.79	49.33	131.06	89.37	965.36
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

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 : Ports Wings, Ministry of Ports, Shipping and Waterways.

Table 1.7

Number of Berths Available at Major Ports

Commodities	P O R T S														Total
	SMP (KDS)	SMP(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															
31.3.15	7+A	3+2BJ	1+3SBM	4+1 SBM	1	2	1	4+1SBM	5+1SBM	1	5	8+3SBM+A	2	44+8SBM+2BJ	
31.3.16	7+A	3+2BJ	2+3SBM	5+1 SBM	1	2	1	4+1SBM	5+1SBM	1	5	8+3SBM+A	2	46+9SBM+2BJ	
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+3SPM	4+1 SPM	1+1LNG	2	1	4+1SPM+1LNG	5+1SPM	1	7+Pipeline	8+3SBM	2	47+9 SPM+2 BJs+2 LNG	
IRON ORE															
31.3.15	-	2	1	1	1	1	-	-	1	1+3TRANS	-	-	-	8+3TRANS	
31.3.16	-	2	1	1	1	1	-	-	2	1+3TRANS	-	-	-	9+3TRANS	
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	
COAL															
31.3.15	-	2	2	-	3	-	3	-	1	1	-	-	-	12	
31.3.16	-	2	2	-	4	-	4	-	1	1	-	-	-	14	
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	
FERTILISER															
31.3.15	-	-	2	1	-	-	-	1	-	-	-	1	-	5	
31.3.16	-	-	2	1	-	-	-	2	-	-	-	2	-	7	
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	
BREAK BULK															
31.3.15	22+A	8	9	16	1	14	10	12	8	4	25+A	14	1	144+A	
31.3.16	22+A	8	9	16	1	14	10	12	8	4	27+A	14	1	146+A	
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	
CONTAINER															
31.3.15	4	2	-	1	-	7	1	2	-	-	1	2	9	29	
31.3.16	4	2	-	2	-	7	1	2	-	-	-	2	9	29	
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	
TOTAL															
31.3.15	33+A	17+2BJ	16+3SBM,	24+1SBM	6	24	15	19+1SBM	15+1SBM	7+3TRANS	31+A	25+3SBM+A	12	244+9SBM+3TRANS+2BJ+A	
31.3.16	33+A	17+2BJ	16+3SBM,	25+1SBM	7	24	16	20+1SBM	16+1SBM	8+3TRANS	33+A	26+3SBM+A	13	254+9SBM+3TRANS+2BJ+A	
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	

BJ - Barge Jetty A - Anchorage SBM - Single Buoy Mooring TRANS - Transhipper

VJs= Virtual Jetties

(*) Presently, due to mechanism EQ-2 & EQ3 Berths are not available for commercial operator

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

Source : Indian Port Association.

(*) No specific capacity could be attached for Iron Ore and Fertilizer.

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

B Zone : Small vessels handled at Zone B-Tuticorin.

Table 1.8

Cargo Handling Equipment Available at Major Ports (As on 31.3.2020)

(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	-	6	14*	40*	8**	98*	-	-	7
V.O.Chidambaranar	3***	5	3*	17*	3	-	30	-	1
Cochin	1Port+2*	-	4*	15*	21Port+9*	-	30*	-	-
New Mangalore\$\$	-	2	-	-	5\$\$	-	-	-	-
Mormugao	1	-	-	-	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	30	61	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 31.3.2020)

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
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	1,25,000	7	22	1ECH/1 RS 2	2	2	37
- CITPL	3	145000	7	18	(ECH= Empty Container Hanler,RS=Reach Stacker)	2	-	52
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)
J.N.P.T.- JNPCT (Port's own)	2	150000	9x50 T	RTGC- 12x40T eRTGC -15X50 T RMGC- 2x35.5T	R/S-3X45T(Hired)	2X3T 1X5T	10(own)+80(Hired)	
NSICT (BOT Operator)	2	150000	8x40 T	RTGC- 29x40T RMGC- 3x40T	R/S-2x45T E/H-2X8T	2X5T	75(Hired)	
GTICL (BOT Operator)	2	150000	10x61 T	RTGC- 40x50/61T RMGC- 3x61T	R/S-2X45T E/H-2X8T	4X5T	117(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 RMGC-4x65T	R/S-2X45T E/H-1X8T	2X3T 1X5T	105 (Hired)	
DEENDAYAL	2	50000		Wharf Cranes-16	2	9	3	1

(*)In addition, 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.

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

R/S=Reach Stackers

Source: Indian Ports Association

Table 1.10

Berthing Facilities Available at Non-Major Ports

(As on 31.3.2020)

Name of the Port	Intermediate/ Minor	Max.Depth available at anchorage(mt)	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 (2018-19)	Minor	30.00	-	0	32	10	71	113
GUJARAT (2019-20)	Minor	30.00	-	0	32	10	71	113
(Detail 2017-18)								
Dahej								
DHIL	Minor	16.50	Bulkcum Liquid Be	-	-	-	1	1
Adani Petronet Port Private L	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/Containr	-	-	-	5	5
Ultratech Cement Ltd	Minor	10.00	General	-	2	-	-	2
Mundre								
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 31.3.2020)

Name of the Port	Intermediate/ Minor	Max.Depth available at anchorage(mt s)	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	1	-	-	-	1
			LPG	-	-	-	1	1
Navalakh	Intermediate	15.00	Jetty/wharf	1	3	-	-	4
Magdalla	Minor	N A	N A	-	-	-	-	-
Valsad	Minor	No Anchorage	fixer RCC Jetty	1	-	-	-	1
Kolak	Minor	No Anchorage	fixer 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	fixer RCC Jetty	-	1	-	-	1
Umarsadi	Minor	No Anchorage	fixer Fishing Jetty	1	-	-	-	1
Billimora	Minor	No Anchorage	fixer 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 Wha	-	-	2	-	2
Mandvi	Minor	10.00	Wharf	-	2	-	-	2
GAPL	Intermediate	26.00	Dry cargo/Contain	-	-	-	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 31.3.2020)

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 j	-	4	8	-	12
Trombay	Minor	2.00	Sloping jetty	-	1	-	-	1
Revdanda	Minor	14-24	Maxsteel Ltd. Sala	-	1	-	-	1
	Minor	14-24	International Pvt L	-	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	Port Ltd	-	-	-	1	1
Shriwardhan	Minor	2.00	Cargo/Passenger j	-	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
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	-	-	-	1
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 Edwa	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 31.3.2020)

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	20.00	RCC	-	-	2	-	2
2. Azhikkal	Minor	3.50	Concerete	-	1	-	-	1
3. Kozhikode/Beyapore	Intermediate	3.6 - 4	Normal Wharf	-	2	-	-	2
4. Kollam	Minor	7.20	Concerete wall	-	-	-	1	1
ODISHA								
1. Dhamra	Minor	20.00	Concrete pile moui	1	-	-	4	5
2. Gopalpur	Minor	15.00	Bulk & B	-	-	-	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	-	-	2	1	-	3

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

Berthing Facilities Available at Non-Major Ports

(As on 31.3.2020)

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								
(a)Anchorage	Intermediate	-	-	-	-	-	-	-
(b)Deep water	Intermediate	16.00	Multipurpose	-	-	-	18	18
Rawa	Minor	-	-	-	-	-	-	-
Krishnapattinam	Minor	38.00	Solid structure Ber	-	-	-	12	12
Gangavaram	Minor	50.00	Multipurpose	-	-	-	9	9
TAMIL NADU								
Cuddalore(Chemplast jetty)	Intermediate	11.00	Island type Marine	-	-	-	1	1
Nagapattinam	Anchorage	berthing a wharf to a Open road stead F of 250 meters is available		-	-	-	-	-
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	15.00	Four point mooring	-	-	-	-	-
Kattupalli	Minor	19.00	Multipurpose	-	-	-	3	3
Thirukkadaiyur	Minor	15.00	Singal Buoy Moorii	-	-	-	1	1
Kuddnkulam	Minor	11.00	Lo Lo & Ro Ro jett	-	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 31.3.2020)

(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											
2018-19	6	-	-	1	1	7	1	8	11	5	-
2019-20	7	-	-	-	-	6	1	5	8	1	-
MAHARASHTRA											
2018-19	1	2	-	13	5	45	-	88	10	-	-
2019-20	1	18	2	14	4	47	-	1	7	-	-
GOA											
Panaji											
2018-19	1	-	-	-	-	1	*	3	1	-	-
2019-20	1	-	-	-	-	1	*	3	1	-	-
ANDHRA PRADESH											
Kakinada Deep Water Port											
2018-19	-	-	-	12	-	-	-	-	-	-	-
2019-20	-	-	-	12	-	-	-	-	-	-	-
Krishnapatnam											
2018-19	6	24	-	49	-	-	-	-	-	-	-
2019-20	-	-	-	26	-	-	-	4	4	-	-
Gangavaram											
2018-19	-	-	-	5	-	-	-	3	3	-	-
2019-20	-	-	-	5	-	-	-	3	3	-	-
TAMIL NADU											
Nagapattinam											
2018-19	-	-	-	-	-	-	-	1	-	-	-
2019-20	-	-	-	-	-	-	-	1	-	-	-
Kanyakumari											
2018-19	1	-	-	-	-	-	-	-	3	-	-
2019-20	1	-	-	-	-	-	-	-	3	-	-
Kattupalli											
2018-19	-	-	-	21	-	-	-	-	3	-	-
2019-20	-	-	-	21	-	-	-	-	3	-	-
KERALA											
Kollam											
2018-19	-	-	-	4	-	-	-	-	1	-	-
2019-20	-	-	-	4	-	-	-	-	1	-	-
Azhikkal											
2018-19	1	-	-	3	-	-	-	-	1	-	-
2019-20	1	-	-	3	-	-	-	-	1	-	-

**Table 1.11
(Contd...)**

Equipment Available at Various Non-Major Ports (As on 31.3.2020)

(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											
2018-19	-	5	-	6	-	-	-	-	-	-	-
2019-20	-	5	-	6	-	-	-	-	-	-	-
Kovalam-Vizhinjam											
2018-19	-	1	-	-	-	-	-	-	-	-	-
2019-20	-	1	-	-	-	-	-	-	-	-	-
DIU											
2018-19	-	-	-	4	-	-	-	1	-	-	-
2019-20	-	-	-	4	-	-	-	1	-	-	-
PUDUCHERRY											
2018-19	2	-	-	-	-	-	-	2	12	-	-
2019-20	2	-	-	-	-	-	-	2	12	-	-
ODISHA											
Gopalpur											
2018-19	1	-	-	5	-	-	-	1	2	-	-
2019-20	-	-	-	11	-	-	-	1	3	-	-
Dhamra											
2018-19	-	-	-	5	-	-	-	1	4	-	-
2019-20	-	-	-	-	-	-	-	2	5	-	-
ANDAMAN & NICOBAR ISLAND											
2018-19	9	1	8	23	1	-	-	-	1	-	-
2019-20	-	-	5	27	1	-	-	-	1	-	-
LAKSHADWEEP											
2018-19	-	-	-	-	-	-	-	-	-	-	-
2019-20	-	-	-	-	-	-	-	-	-	-	-

: 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 31.3.2020)

(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 Station	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
Tamilnadu	22	-	-	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	2	-	-	3	1	-	-	-	-	1	-	1
Andaman & Nicobar Islands	36	-	-	1	5	-	-	1	2	1	-	7
Lakshadweep	16	-	-	2	5	-	-	-	-	1	-	5
Total	195	21	10	58	64	1	-	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 -2019-20**

(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	79163	24308	2374	105845	7166	9596	0	16762	86328	33904	2374	122606
Mumbai	29126	3032	2136	34294	10602	5886	9913	26401	39729	8918	12049	60696
J.L. Nehru	37408	25873	987	64268	2804	876	502	4181	40212	26749	1489	68449
Mormugao	11481	2974	0	14455	1390	172	0	1562	12871	3146	0	16017
New Mangalore	21279	7829	0	29108	7981	2056	1	10037	29260	9885	1	39145
Cochin	20095	2771	73	22939	6914	3663	522	11099	27009	6434	595	34038
V.O. Chidambaranar	19068	8304	0	27371	6755	1950	0	8705	25823	10254	0	36076
Chennai	26555	15229	0	41784	3886	1088	0	4974	30441	16317	0	46758
Kamarajar	14453	3526	16	17995	13751	0	0	13751	28204	3526	16	31746
Visakhapatnam	42766	12607	1012	56385	3559	11734	1044	16337	46325	24341	2056	72722
Paradip	59321	17959	0	77280	1102	34308	0	35409	60423	52267	0	112689
SMP (Haldia Dock Complex)	31056	6430	0	37486	5934	3260	0	9194	36990	9690	0	46680
SMP (Kolkata Dock System)	7508	6327	2116	15951	915	392	45	1352	8423	6719	2161	17303
All Ports	399279	137168	8714	545161	72758	74979	12027	159764	472037	212148	20741	704925

Source : Major Ports

Table 2.1.2**Traffic Handled At Major Ports by Selected Commodities -2019-20**

('000 Tonnes)

Port	POL and Crude	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	61770	751	4584	66	328	17861	6967	447	30280	122606
Mumbai	37212	7028	323	91	0	6260	291	27	9492	60696
J.L.Nehru	3018	0	0	0	0	0	60940	5031	4491	68449
Mormugao	658	1723	52	0	0	9448	418	32	3718	16017
New Mangalore	20104	4988	518	123	1	10	2278	153	11123	39145
Cochin	22346	0	22	184	0	0	8628	620	2858	34038
V.O.Chidambaranar	386	0	296	599	70	7312	16436	804	10977	36076
Chennai	13420	0	244	187	0	0	26710	1384	6197	46758
Kamarajar	2993	0	99	0	0	20266	2524	128	5864	31746
Visakhapatnam	16098	14889	2059	899	2	8373	8649	409	21753	72722
Paradip	37329	23124	475	4072	0	38999	222	12	8469	112689
Haldia Dock Complex	5733	3147	137	372	0	10038	3032	169	24221	46680
Kolkata Dock System	568	32	747	6	5	313	9767	675	5865	17303
All Ports	221634	55681	9555	6599	406	118879	146861	9892	145310	704925

*: Thermal Coal & Coking Coal

Source: Major Ports

Table 2.1.3

Traffic Handled - Port-wise and Principal Commodity-wise - 2017-18, 2018-19 & 2019-20

('000 Tonnes) SMP (Kolkata Dock System)

Commodity	2017-18						2018-19						2019-20					
	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	174	18	192	470	119	589	180	0	180	479	121	600	90	0	90	420	58	478
Fertiliser	286	0	286	0	0	0	150	0	150	0	0	0	747	0	747	0	0	0
FRM - Dry	21	0	21	0	0	0	25	0	25	0	0	0	6	0	6	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	192	44	236	0	0	0	5	3	8	0	0	0	5	0	5	0	0	0
Iron & Steel	12	28	40	0	34	34	19	7	26	0	30	30	30	47	77	0	11	11
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veg. Oil	614	0	614	0	0	0	445	0	445	0	0	0	545	0	545	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	172	0	172	0	0	0	985	0	985	0	0	0	313	0	313	0	0	0
Thermal Coal	7	0	7	0	0	0	9	0	9	0	0	0	0	0	0	0	0	0
Cement	95	0	95	6	0	6	65	7	72	0	0	0	90	0	90	0	0	0
Iron Ore/Pellets	0	0	0	0	0	0	0	0	0	7	0	7	0	0	0	32	0	32
Other Ore	80	0	80	0	0	0	24	0	24	0	0	0	49	0	49	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	131	0	131	21	0	21	0	0	0	0	0	0	0	0	0	0	0	0
Container	5252	4444	9696	11	53	64	5123	4740	9863	16	55	71	5086	4223	9309	244	214	458
Others	3053	1881	4934	32	137	169	4054	1908	5962	12	82	94	2663	2057	4720	264	109	373
Total	10092	6415	16507	540	343	883	11084	6665	17749	514	288	802	9624	6327	15951	960	392	1352

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

Traffic Handled - Port-wise and Principal Commodity-wise - 2017-18, 2018-19 & 2019-20

(’000 Tonnes) SMP (Haldia Dock Complex)

Commodity	2017-18						2018-19						2019-20					
	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	177	0	177	108	0	108	25	0	25	0	0	0	49	0	49	0	0	0
POL Products	518	957	1475	3068	823	3891	396	457	853	3523	876	4399	713	612	1325	4050	309	4359
Fertiliser	364	0	364	0	0	0	235	0	235	0	0	0	137	0	137	0	0	0
FRM - Dry	338	0	338	0	0	0	365	0	365	0	0	0	372	0	372	0	0	0
FRM - Liquid	291	0	291	0	0	0	461	0	461	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	133	640	773	0	11	11	316	469	785	26	0	26	107	641	748	28	8	36
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar	179	27	206	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veg. Oil	2492	14	2506	0	0	0	2366	0	2366	0	0	0	2286	0	2286	0	0	0
Salt	0	0	0	20	0	20	0	0	0	44	0	44	0	0	0	44	0	44
Coking Coal	6729	0	6729	590	0	590	8043	0	8043	590	0	590	7462	0	7462	215	2	217
Thermal Coal	0	0	0	0	2181	2181	0	0	0	0	2531	2531	0	0	0	0	2359	2359
Cement	462	0	462	754	0	754	237	0	237	678	0	678	206	0	206	541	0	541
Iron Ore/Pellets	0	795	795	0	781	781	0	290	290	33	144	177	0	2937	2937	0	210	210
Other Ore	1548	0	1548	0	0	0	1746	0	1746	58	0	58	905	0	905	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	952	865	1817	553	302	855	1024	985	2009	738	393	1131	1055	787	1842	822	368	1190
Others	12083	1387	13470	359	0	359	16057	1441	17498	665	0	665	17764	1453	19217	234	4	238
Total	26266	4685	30951	5452	4098	9550	31271	3642	34913	6355	3944	10299	31056	6430	37486	5934	3260	9194

Table 2.1.3
(Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2017-18, 2018-19 & 2019-20

Commodity	('000 Tonnes)																		Paradip
	2017-18						2018-19						2019-20						
	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	29060	0	29060	50	0	50	31776	0	31776	51	51	51	30972	0	30972	50	50	50	
POL Products	4	1183	1187	506	2972	3479	22	773	795	872	4603	5475	110	525	635	733	4940	5672	
Fertiliser	0	0	0	0	0	0	191	0	191	0	0	0	475	0	475	0	0	0	
FRM - Dry	4449	0	4449	0	0	0	4380	0	4380	0	0	0	4052	0	4052	20	0	20	
FRM - Liquid	1427	0	1427	32	24	56	1550	0	1550	13	42	55	1584	0	1584	0	16	16	
Food Grains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Iron & Steel	23	1191	1214	14	160	174	55	951	1006	184	164	348	35	1041	1076	0	346	346	
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	39	0	39	0	0	0	40	0	40	0	0	0	
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Coking Coal	12460	0	12460	27	375	401	11818	0	11818		559	559	11903	17	11920	4	72	76	
Thermal Coal	7023	0	7023	68	21956	22024	6394	0	6394		26084	26084	5807	0	5807	0	21196	21196	
Cement	0	0	0	0	0	0	0	0	0			0	0	0	0	0	0	0	
Iron Ore/Pellets	395	6756	7151	1	5037	5038	111	6863	6974		5232	5232	0	15645	15645	52	7427	7479	
Other Ore	0	213	213	0	187	187	0	119	119			0	0	372	372	0	129	129	
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	15	32	47	6	60	66	17	20	37	32	151	184	0	0	0	90	132	222	
Others	5885	338	6223	58	41	99	5691	270	5961	80	194	275	4343	359	4702	153	50	203	
Total	60740	9713	70454	762	30813	31575	62045	8996	71041	1233	37028	38262	59321	17959	77280	1102	34308	35409	

Table 2.1.3 (Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2017-18, 2018-19 & 2019-20

('000 Tonnes)

Visakhapatnam

Commodity	2017-18						2018-19						2019-20					
	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	9321	0	9321	474	0	474	9812	0	9812	390	516	906	9505	0	9505	763	0	763
POL Products	197	192	389	2046	827	2873	411	298	709	2521	913	3434	2058	1288	3346	1802	682	2484
Fertiliser	1953	0	1953	0	0	0	2126	0	2126	0	0	0	2059	0	2059	0	0	0
FRM - Dry	920	0	920	0	0	0	985	0	985	0	0	0	899	0	899	0	0	0
FRM - Liquid	632	0	632	53	0	53	658	0	658	0	0	0	790	0	790	0	0	0
Food Grains	75	1	76	0	0	0	0	2	2	0	0	0	0	2	2	0	0	0
Iron & Steel	24	664	688	0	59	59	0	258	258	1	17	18	0	126	126	0	2	2
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veg. Oil	31	0	31	0	0	0	51	8	59	0	0	0	28	0	28	0	0	0
Salt	0	0	0	42	0	42	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	5764	0	5764	0	0	0	5727	0	5727	0	0	0	7446	0	7446	0	106	106
Thermal Coal	0	0	0	0	2948	2948	0	0	0	0	1851	1851	0	0	0	0	821	821
Cement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron Ore/Pellets	0	2804	2804	226	7842	8068	135	1341	1476	519	8902	9421	0	4829	4829	502	9558	10060
Other Ore	2088	82	2170	0	0	0	1616	123	1739	0	0	0	1659	85	1744	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	2714	3807	6521	145	169	314	3252	4273	7525	289	145	434	3839	4418	8257	247	145	392
Others	14115	2185	16300	326	811	1137	15252	2143	17395	550	216	766	15496	1859	17354	261	1448	1709
Total	37834	9735	47569	3312	12656	15968	40025	8446	48471	4270	12560	16830	43778	12607	56385	3575	12762	16337

Table 2.1.3
(Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2017-18, 2018-19 & 2019-20

('000 Tonnes)

KAMARAJAR

Commodity	2017-18						2018-19						2019-20					
	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	489	0	489	2532	0	2532	456	0	456	2777	0	2777	296	0	296	2697	0	2697
Fertiliser	0	0	0	0	0	0	220	0	220	0	0	0	99	0	99	0	0	0
FRM - Dry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRM - Liquid	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food Grains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron & Steel	0	42	42	0	0	0	27	0	27	251	0	251	0	0	0	177	0	177
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	199	0	199	0	0	0	1163	0	1163	73	0	73	991	0	991	0	0	0
Thermal Coal	6958	0	6958	16015	0	16015	7842	0	7842	15925	0	15925	8410	0	8410	10865	0	10865
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	101	0	101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Container	47	0	47	4	1	5	795	306	1101	0	0	0	1950	574	2524	0	0	0
Others	1484	2544	4028	0	30	30	1977	2686	4663	0	0	0	2723	2952	5675	12	0	12
Total	9278	2586	11864	18551	31	18582	12480	2992	15472	19026	0	19026	14469	3526	17995	13751	0	13751

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

Table 2.1.3
(Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2017-18, 2018-19 & 2019-20

('000 Tonnes)

Chennai

Commodity	2017-18						2018-19						2019-20					
	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	8769	0	8769	1569	0	1569	8600	0	8600	1656	0	1656	8478	0	8478	1803	0	1803
POL Products	277	1452	1729	919	511	1430	203	987	1190	1323	528	1851	362	1036	1398	1279	462	1741
Fertiliser	28	0	28	0	0	0	26	0	26	0	0	0	0	244	244	0	0	0
FRM - Dry	202	0	202	0	0	0	225	0	225	0	0	0	187	0	187	0	0	0
FRM - Liquid	29	0	29	0	0	0	21	0	21	0	0	0	11	0	11	0	0	0
Food Grains	274	0	274	0	0	0	57	0	57	0	0	0	0	0	0	0	0	0
Iron & Steel	827	955	1782	0	5	5	994	526	1520	0	3	3	936	1460	2396	8	6	14
Iron Scrap	41	0	41	0	0	0	34	0	34	0	0	0	9	0	9	0	0	0
Sugar	153	0	153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veg. Oil	1327	0	1327	0	0	0	1421	0	1421	0	0	0	1212	0	1212	0	0	0
Salt	0	0	0	55	0	55	0	0	0	35	9	44	0	0	0	33	0	33
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	406	406	0	51	51	0	68	68	0	16	16	0	8	8	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	874	874	0	0	0	0	859	859	0	0	0	0	602	602	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	16900	12214	29114	392	399	791	17324	13021	30345	451	467	918	14353	11351	25704	502	504	1006
Others	2228	783	3011	219	22	241	3035	709	3744	274	140	414	1007	527.8	1534.8	261	100	361
Total	31055	16684	47739	3154	988	4142	31940	16170	48110	3739	1163	4902	26555	15229	41784	3886	1088	4974

Table 2.1.3 (Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2017-18, 2018-19 & 2019-20

('000 Tonnes)

V.O. CHIDAMBARANAR

Commodity	2017-18						2018-19						2019-20					
	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	404	0	404	62	0	62	392	0	392	64	3	67	319	0	319	63	4	67
Fertiliser	324	0	324	1	0	1	291	0	291	4	0	4	296	0	296	0	0	0
FRM - Dry	1076	0	1076	0	0	0	490	0	490	0	0	0	599	0	599	0	0	0
FRM - Liquid	191	0	191	0	109	109	239	0	239	0	0	0	297	0	297	0	0	0
Food Grains	1161	0	1161	0	0	0	0	0	0	0	0	0	70	0	70	0	0	0
Iron & Steel	14	15	29	26	0	26	6	8	14	11	0	11	0	5	5	9	0	9
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	26	26	0	0	0
Veg. Oil	353	0	353	0	0	0	378	0	378	0	0	0	392	0	392	0	0	0
Salt	0	38	38	22	0	22	0	1	1	25	0	25	0	0	0	28	0	28
Coking Coal	0	0	0	0	0	0	0	0	0	0	0	0	61	0	61	0	0	0
Thermal Coal	3526	0	3526	6269	0	6269	2125	0	2125	6473	0	6473	2293	0	2293	4958	0	4958
Cement	0	101	101	0	0	0	0	105	105	0	0	0	0	92	92	0	2	2
Iron Ore/Pellets	0	0	0	0	0	0	215	0	215	0	0	0	0	0	0	0	0	0
Other Ore	1423	0	1423	5	0	5	119	76	195	23	0	23	113	150	263	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	4344	6630	10974	1278	1939	3217	4538	6844	11382	1518	2055	3573	5789	7138	12927	1636	1873	3509
Others	5543	1468	7011	149	112	261	7232	1014	8246	9	84	93	8838	893	9731	61	71	132
Total	18359	8252	26611	7812	2160	9972	16025	8048	24073	8127	2142	10269	19068	8304	27371	6755	1950	8705

Table 2.1.3 (Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2017-18, 2018-19 & 2019-20

Cochin

Commodity	('000 Tonnes)																	
	2017-18						2018-19						2019-20					
	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	13596	0	13596	575	40	615	14882	0	14882	1204	0	1204	16288	0	16288	567	0	567
POL Products	201	938	1139	1127	2187	3314	263	821	1084	766	3404	4170	200	1112	1311	1050	3130	4180
Fertiliser	35	0	35	0	0	0	15	0	15	0	0	0	22	0	22	0	0	0
FRM - Dry	188	0	188	0	0	0	218	0	218	0	0	0	184	0	184	0	0	0
FRM - Liquid	224	0	224	0	0	0	390	0	390	0	0	0	401	0	401	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	20	0	20	40	0	40	34	0	34	17	0	17	23	0	23	0	0	0
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veg. Oil	15	0	15	0	0	0	11	0	11	0	0	0	15	0	15	0	0	0
Salt	0	0	0	94	0	94	0	0	0	110	0	110	0	0	0	96	0	96
Coking Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thermal Coal	44	0	44	0	0	0	43	0	43	0	0	0	0	0	0	0	0	0
Cement	0	0	0	784	0	784	0	0	0	900	0	900	0	0	0	1109	0	1109
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	1991	1971	3962	3276	456	3732	1923	1737	3660	3905	551	4456	1873	1694	3567	4332	729	5061
Others	1130	133	1263	23	55	78	672	69	741	22	64	86	1126	2	1127	21	65	86
Total	17444	3042	20486	5919	2738	8657	18451	2627	21078	6924	4019	10943	20131	2808	22939	7175	3924	11099

Table 2.1.3
(Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2017-18, 2018-19 & 2019-20

New Mangalore

Commodity	('000 Tonnes)																	
	2017-18						2018-19						201-20					
	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	12373	0	12373	3658	0	3658	14524	0	14524	2721	0	2721	10592	114	10706	3156	0	3156
POL Products	380	3937	4317	429	1732	2161	537	5062	5599	348	445	793	245	4232	4477	944	820	1764
Fertiliser	556	0	556	7	0	7	365	0	365	0	0	0	518	0	518	0	0	0
FRM - Dry	68	62	130	0	0	0	82	78	160	0	0	0	76	47	123	0	0	0
FRM - Liquid	258	0	258	21	0	21	256	0	256	0	0	0	270	0	270	0	0	0
Food Grains	51	0	51	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1
Iron & Steel	5	0	5	116	1	117	0	0	0	167	4	171	0	4	4	246	0	246
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar	207	0	207	0	23	23	0	0	0	0	0	0	0	0	0	0	0	0
Veg. Oil	788	0	788	0	5	5	745	0	745	0	0	0	734	0	734	0	0	0
Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coking Coal	4156	0	4156	16	33	49	299	30	329	0	0	0	10	0	10	0	0	0
Thermal Coal	2492	0	2492	0	0	0	5061	0	5061	0	0	0	0	0	0	0	0	0
Cement	0	0	0	397	0	397	0	0	0	367	0	367	0	0	0	356	0	356
Iron Ore/Pellets	363	1524	1887	2158	858	3016	442	1710	2152	1905	567	2472	330	2164	2494	2222	272	2494
Other Ore	0	0	0	0	0	0	213	0	213	28	0	28	53	0	53	28	0	28
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	496	612	1108	538	98	636	431	438	869	770	281	1051	564	433	997	1013	267	1280
Others	2649	874	3523	61	57	118	3415	1059	4474	118	39	157	7886	835	8721	16	696	711
Total	24842	7009	31851	7401	2807	10208	26370	8377	34747	6424	1337	7761	21279	7829	29108	7981	2056	10037

Table 2.1.3
(Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2017-18, 2018-19 & 2019-20

Mormugao

Commodity	('000 Tonnes)																	
	2017-18						2018-19						2019-20					
	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	8	0	8	617	4	621	0	0	0	600	600	0	2	2	656	0	656	
Fertiliser	182	0	182	0	0	0	262	0	262	6	0	6	37	0	37	15	0	15
FRM - Dry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRM - Liquid	447	0	447	0	0	0	408	0	408	0	0	0	109	0	109	0	0	0
Foodgrain	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron & Steel	0	195	195	0	159	159	0	96	96	0	175	175	0	34	34	0	94	94
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	29	0	29	0	0	0	68	0	68	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	8181	0	8181	333	0	333	6000	0	6000	66	0	66	7842	0	7842	56	0	56
Thermal Coal	1999	0	1999	0	0	0	1680	2528	4208	0	0	0	1550	0	1550	0	0	0
Cement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron Ore/Pellets	334	9480	9814	0	445	445	470	0	470	1183	0	1183	267	1456	1723	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	198	155	353	63	9	72	202	130	332	119	16	135	210	95	305	103	10	113
Others	2020	1948	3968	38	53	91	1743	1295	3038	511	125	636	1466	1387	2853	560	68	628
Total	13398	11778	25176	1051	670	1721	10833	4049	14882	2485	316	2801	11481	2974	14455	1390	172	1562

Table 2.1.3 (Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2017-18, 2018-19 & 2019-20

('000 Tonnes)

J. L. Nehru

Commodity	2017-18						2018-19						2019-20					
	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	51	1394	1444	0	0	0	0	1389	1389	0	0	0	0	175	175
POL Products	455	513	969	1593	7	1600	311	482	793	1770	46	1816	567	441	1008	1562	273	1835
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	279	0	279	0	0	0	260	0	260	3	0	3	228	0	228	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	1425	0	1425	0	0	0	1520	0	1520	0	0	0	1586	0	1586	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	905	0	905	0	0	0	998	0	998	0	0	0	1018	0	1018
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	722	34	756	0	82	82	703	253	956	0	23	23	695	68	763	0	0	0
Container	31256	26324	57580	13	273	286	32774	28553	61327	201	585	787	33922	25871	59794	499	647	1146
Others	650	3	653	13	12	25	815	8	823	5	5	10	880	9	889	4	3	7
Total	34788	26874	61661	2575	1768	4343	36383	29297	65680	2978	2048	5026	37880	26389	64268	3083	1098	4181

Table 2.1.3
(Contd...)

Traffic Handled - Port-wise and Principal Commodity-wise - 2017-18, 2018-19 & 2019-20

('000 Tonnes)

Mumbai

Commodity	2017-18						2018-19						2019-20					
	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	14920	0	14920	9355	3085	12440	15586	0	15586	9138	2343	11481	15581	0	15581	7493	3510	11003
POL Products	1328	2247	3575	4650	1160	5810	1753	1947	3700	3925	1743	5668	1759	2318	4076	4196	2355	6551
Fertiliser	225	0	225	0	0	0	322	0	322	0	0	0	323	0	323	0	0	0
FRM - Dry	63	0	63	0	0	0	108	0	108	0	0	0	91	0	91	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	2459	749	3208	601	36	637	2586	259	2845	423	0	423	2111	185	2296	405	21	426
Iron Scrap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sugar	19	0	19	0	0	0	0	73	73	0	0	0	0	43	43	0	0	0
Veg. Oil	96	1	97	0	0	0	119	0	119	0	0	0	85	0	85	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	924	0	924	786	0	786	1699	0	1699	869	0	869
Thermal Coal	2393	0	2393	25	0	25	4678	0	4678	17	0	17	3691	0	3691	0	0	0
Cement	0	0	0	708	0	708	0	0	0	571	0	571	0	0	0	560	0	560
Iron Ore/Pellets	0	0	0	0	0	0	59	0	59	7207	0	7207	520	0	520	6507	0	6507
Other Ore	0	0	0	0	0	0	0	0	0	0	0	0	99	0	99	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	349	84	433	197	0	197	56	36	92	283	0	283	2	6	8	283	0	283
Others	8740	494	9234	8918	0	8918	4875	546	5421	267	4	271	5295	486	5781	202	0	202
Total	30592	3575	34167	24454	4281	28735	31066	2861	33927	22617	4090	26707	31257	3037	34294	20515	5886	26401

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 - 2017-18, 2018-19 & 2019-20

('000 Tonnes)

Deendayal

Commodity	2017-18						2018-19						2019-20					
	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	40830	0	40830	3975	0	3975	39124	0	39124	3833	0	3833	40097	0	40097	4300	0	4300
POL Products	320	10259	10579	625	4443	5068	2068	8825	10893	1098	3977	5075	1959	10382	12341	1477	3555	5032
Fertiliser	3562	0	3562	0	0	0	4215	0	4215	0	0	0	4584	0	4584	0	0	0
FRM - Dry	142	0	142	0	0	0	30	0	30	0	0	0	66	0	66	0	0	0
FRM - Liquid	1721	0	1721	0	0	0	1531	0	1531	0	0	0	1943	0	1943	0	0	0
Food Grains	204	394	598	0	0	0	188	542	730	0	0	0	328	0	328	0	0	0
Iron & Steel	586	371	957	334	28	362	1011	261	1272	281	177	458	661	132	792	209	23	232
Iron Scrap	229	0	229	0	0	0	504	0	504	0	0	0	303	0	303	0	0	0
Sugar	858	144	1002	24	0	24	793	783	1576	0	0	0	648	843	1491	0	0	0
Veg. Oil	4970	194	5164	0	0	0	4813	144	4957	0	0	0	4462	159	4621	0	0	0
Salt	0	7152	7152	0	287	287	0	6895	6895	0	375	375	0	6153	6153	36	336	371
Coking Coal	546	0	546	0	0	0	818	0	818	0	0	0	1038	0	1038	2	0	2
Thermal Coal	13241	0	13241	0	0	0	16359	0	16359	0	0	0	16760	0	16760	61	0	61
Cement	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Iron Ore/Pellets	1120	107	1227	144	0	144	1407	0	1407	72	0	72	269	0	269	482	0	482
Other Ore	0	195	195	0	15	15	0	153	153	0	110	110	0	155	155	0	51	51
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	289	1267	1556	32	251	282	305	1218	1523	247	2188	2435	148	888	1036	561	5370	5931
Others	7930	3063	10993	9	238	247	6572	4111	10684	7	365	372	8271	5595	13866	39	261	300
Total	76549	23145	99694	5144	5261	10405	79738	22933	102671	5538	7192	12730	81537	24308	105845	7166	9596	16762

Table 2.1.3
(Contd...) **Traffic Handled - Port-wise and Principal Commodity-wise - 2017-18, 2018-19 & 2019-20**

Commodity	('000 Tonnes)																		All Ports
	2017-18						2018-19						2019-20						
	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	129046	0	129046	19815	4519	24334	134329	0	134329	18993	4248	23241	131563	114	131677	18132	3684	21816	
POL Products	4755	21696	26451	18645	14786	33430	6992	19652	26645	20066	16659	36725	8676	21948	30624	20928	16588	37516	
Fertiliser	7515	0	7515	8	0	8	8418	0	8418	10	0	10	9296	244	9540	15	0	15	
FRM - Dry	7467	62	7529	0	0	0	6908	78	6986	0	0	0	6532	47	6579	20	0	20	
FRM - Liquid	5499	0	5499	106	133	239	5774	0	5774	16	42	58	5634	0	5634	0	16	16	
Food Grains	1957	439	2396	0	0	0	250	547	797	0	1	1	403	2	405	0	1	1	
Iron & Steel	4103	4850	8953	1130	494	1624	5048	2835	7883	1361	570	1931	3903	3676	7579	1082	511	1594	
Iron Scrap	270	0	270	0	0	0	538	0	538	0	0	0	312	0	312	0	0	0	
Sugar	1419	171	1590	24	23	47	793	856	1649	0	0	0	648	912	1560	0	0	0	
Veg. Oil	12140	209	12348	0	5	5	11976	152	12128	0	0	0	11385	159	11545	0	0	0	
Salt	0	7190	7190	233	287	520	0	6896	6896	214	384	598	0	6153	6153	237	336	572	
Coking Coal	38207	0	38207	966	408	1373	35777	30	35807	1515	559	2074	38766	17	38783	1146	180	1326	
Thermal Coal	37683	0	37683	22377	27085	49462	44191	2528	46719	22415	30466	52881	38511	0	38511	15884	24376	40260	
Cement	557	507	1064	3556	51	3607	302	180	482	3514	16	3530	296	100	396	3583	18	3601	
Iron Ore/Pellets	2212	21466	23678	2529	14963	17492	2840	10204	13044	10926	14845	25771	1386	27031	28418	9797	17467	27264	
Other Ore	5139	1364	6503	5	202	207	3718	1330	5048	109	110	219	2878	1364	4242	28	180	208	
Tea and Coffee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Chemicals	954	34	988	21	82	103	703	253	956	0	23	23	695	68	763	0	0	0	
Container	64803	58405	123209	6507	4010	10518	67764	62301	130065	8570	6888	15457	68791	57479	126269	10332	10259	20592	
Others	67510	17101	84611	10205	1568	11774	71390	17260	88650	2521	1318	3839	77758	18413	96171	2088	2875	4963	
Total	391236	133493	524730	86126	68615	154741	407711	125103	532814	90230	76127	166357	407435	137726	545161	83273	76491	159764	

Source: Major Ports.

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

Port	2017-18 (%)			2018-19 (%)			2019-20 (%)		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
MAJOR PORTS	11.2	2.8	9.1	12.7	4.2	10.7	11.5	3.6	9.5
Deendayal	7.8	4.9	7.2	8.1	1.6	6.7	8.1	3.0	6.9
Mumbai	18.2	1.0	16.4	19.2	1.2	17.7	23.0	6.2	21.5
J.N.P.T.	1.2	0.5	0.9	1.6	1.4	1.5	0.9	0.3	0.7
Mormugao	1.5	2.9	2.2	2.8	2.8	2.8	3.1	2.6	3.0
New Mangalore	19.8	7.8	17.1	23.1	2.9	18.2	21.6	6.2	17.4
Cochin	31.9	12.3	29.0	37.8	28.1	36.6	32.3	27.0	31.6
V.O.Chidambaranar	1.5	0.1	1.1	1.5	1.1	1.4	2.5	2.8	2.9
Chennai	14.5	0.7	9.7	9.6	1.7	7.0	10.3	0.9	6.9
Vizag	17.7	2.3	14.5	16.0	6.4	14.3	14.1	6.4	12.4
Paradip	10.3	2.4	9.2	6.4	2.4	5.9	13.6	1.9	10.9
SMP(Haldia Dock Complex)	7.6	2.0	6.8	25.6	0.5	23.0	10.3	16.7	11.4
SMP (Kolkata Dock System)	5.6	7.2	6.2	23.5	0.4	14.8	0.7	0.0	0.4
Kamarajar	10.1	0.0	7.9	7.5	70.9	19.7	3.6	0.0	2.9
NON-MAJOR PORTS	5.1	4.2	4.9	5.2	3.1	4.7	3.7	2.9	3.5
All Ports	8.4	3.4	7.2	9.1	3.6	7.8	7.7	3.2	6.6

Table 2.1.5

Container Traffic Handled at Major Ports - Type-Wise - 2017-18, 2018-19 & 2019-20

(Nos.)

Type	Deendayal			MUMBAI			JAWAHARLAL NEHRU**		
	2017-18	2018-19	2019-20	2017-18	2018-19	2019-20	2017-18	2018-19	2019-20
1	2	3	4	5	6	7	8	9	10
IMPORT	60391	122305	221998	36008	24952	25848	2410966	2562208	2505830
20'	58731	117827	208496	6606	2602	1520	931554	963442	942624
40'	830	2239	6751	14701	11175	12164	739706	799383	781603
Stuffed	8721	12592	9651	33264	23940	25583	2113866	2242319	2192714
20'	8467	11860	8603	5730	1982	1309	891066	901433	892106
40'	127	366	524	13767	10979	12137	611400	670443	650304
Empty	51670	109713	212347	2744	1012	265	297100	319889	313116
20'	50264	105967	199893	876	620	211	40488	62009	50518
40'	703	1873	6227	934	196	27	128306	128940	131299
EXPORT	56762	121408	219759	418	209	288	2359681	2507250	2403239
20'	54828	117634	206395	212	99	174	870251	899278	868361
40'	967	1887	6682	103	55	57	744715	803986	767439
Stuffed	56654	121284	219171	209	109	20	1833484	1973973	1838802
20'	54720	117570	206229	65	75	10	645706	685223	618516
40'	967	1857	6471	72	17	5	593889	644375	610143
Empty	108	124	588	209	100	268	526197	533277	564437
20'	108	64	166	147	24	164	224545	214055	249845
40'	0	30	211	31	38	52	150826	159611	157296
TRANSHIP-MENT	72	394	5151	5961	2041	578	62750	63816	122118
20'	68	126	2311	2443	1157	284	12842	13182	30854
40'	2	134	1420	1759	442	147	24954	25317	45632
Stuffed	72	136	2085	5961	2041	578	56524	52581	92809
20'	68	116	1485	2443	1157	284	12586	12355	25277
40'	2	10	300	1759	442	147	21969	20113	33766
Empty	0	258	3066	0	0	0	6226	11235	29309
20'	0	10	826	0	0	0	256	827	5577
40'	0	124	1120	0	0	0	2985	5204	11866
TOTAL	117225	244107	446908	42387	27202	26714	4833397	5133274	5031187
20'	113627	235587	417202	9261	3858	1978	1814647	1875902	1841839
40'	1799	4260	14853	16563	11672	12368	1509375	1628686	1594674
Stuffed	65447	134012	230907	39434	26090	26181	4003874	4268873	4124325
20'	63255	129546	216317	8238	3214	1603	1549358	1599011	1535899
40'	1096	2233	7295	15598	11438	12289	1227258	1334931	1294213
Empty	51778	110095	216001	2953	1112	533	829523	864401	906862
20'	50372	106041	200885	1023	644	375	265289	276891	305940
40'	703	2027	7558	965	234	79	282117	293755	300461

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 - 2017-18, 2018-19 & 2019-20

Type	(Nos.)								
	MORMUGAO**			NEW MANGALORE**			COCHIN**		
	2017-18	2018-19	2019-20	2017-18	2018-19	2019-20	2017-18	2018-19	2019-20
1	2	3	4	5	6	7	8	9	10
IMPORT	16360	19115	16593	58520	64892	78047	261856	281957	292632
20'	8616	10249	9717	40380	43746	51789	147524	160053	173820
40'	3872	4433	3438	9070	10573	13129	57166	60952	59406
Stuffed	12169	14929	14403	43405	50310	66003	218543	250903	259757
20'	8489	9995	9707	31787	35348	45953	143223	155987	168495
40'	1840	2467	2348	5809	7481	10025	37660	47458	45631
Empty	4191	4186	2190	15115	14582	12044	43313	31054	32875
20'	127	254	10	8593	8398	5836	4301	4066	5325
40'	2032	1966	1090	3261	3092	3104	19506	13494	13775
EXPORT	15644	17960	15203	56978	66721	75304	258595	282477	291246
20'	8578	9946	8937	39732	45077	50204	147465	158277	173266
40'	3533	4007	3133	8623	10822	12550	55565	62100	58990
Stuffed	8872	8257	5831	32978	33965	31510	141207	132738	134812
20'	3254	2609	2121	22042	22761	19654	40151	37294	41724
40'	2809	2824	1855	5468	5602	5928	50528	47722	46544
Empty	6772	9703	9372	24000	32756	43794	117388	149739	156434
20'	5324	7337	6816	17690	22316	30550	107314	120983	131542
40'	724	1183	1278	3155	5220	6622	5037	14378	12446
TRANSHIP-MENT	0	65	65	0	0	0	35363	30159	36183
20'	0	59	59	0	0	0	24311	20913	20557
40'	0	3	3	0	0	0	5526	4623	7813
Stuffed	0	65	65	0	0	0	33457	22585	28384
20'	0	59	59	0	0	0	23811	15433	16942
40'	0	3	3	0	0	0	4823	3576	5721
Empty	0	0	0	0	0	0	1906	7574	7799
20'	0	0	0	0	0	0	500	5480	3615
40'	0	0	0	0	0	0	703	1047	2092
TOTAL	32004	37140	31861	115498	131613	153351	555814	594593	620061
20'	17194	20254	18713	80112	88823	101993	319300	339243	367643
40'	7405	8443	6574	17693	21395	25679	118257	127675	126209
Stuffed	21041	23251	20299	76383	84275	97513	393207	406226	422953
20'	11743	12663	11887	53829	58109	65607	207185	208714	227161
40'	4649	5294	4206	11277	13083	15953	93011	98756	97896
Empty	10963	13889	11562	39115	47338	55838	162607	188367	197108
20'	5451	7591	6826	26283	30714	36386	112115	130529	140482
40'	2756	3149	2368	6416	8312	9726	25246	28919	28313

** includes reefers

Table 2.1.5
(Contd...)

Container Traffic Handled at Major Ports - Type-Wise - 2017-18, 2018-19 & 2019-20

(Nos.)

Type	V.O.CHIDAMBANAR**			CHENNAI**			VISAKHAPATNAM**		
	2017-18	2018-19	2019-20	2017-18	2018-19	2019-20	2017-18	2018-19	2019-20
1	2	3	4	5	6	7	8	9	10
IMPORT	348278	358719	379685	895925	920969	769671	190903	220738	202016
20'	118252	108151	109881	387315	400785	339423	129089	146168	155182
40'	115013	125284	134902	254305	260092	215124	30907	37285	23417
Stuffed	272994	298667	314814	852360	876711	720655	125381	153646	152935
20'	107002	98101	99924	366710	378221	314927	92019	111372	123437
40'	82996	100283	107445	242825	249245	202864	16681	21137	14749
Empty	75284	60052	64871	43565	44258	49016	65522	67092	49081
20'	11250	10050	9957	20605	22564	24496	37070	34796	31745
40'	32017	25001	27457	11480	10847	12260	14226	16148	8668
EXPORT	349353	356401	381583	653532	698888	614300	192287	216275	194854
20'	121325	107875	111061	281304	293010	272458	128179	141701	151353
40'	114014	124263	135261	186114	202939	170921	32054	37287	21751
Stuffed	285668	289489	287635	425382	451566	409675	173090	188380	166420
20'	83406	75617	69991	172940	173602	160671	124360	137884	140776
40'	101131	106936	108822	126221	138982	124502	24365	25248	12822
Empty	63685	66912	93948	228150	247322	204625	19197	27895	28434
20'	37919	32258	41070	108364	119408	111787	3819	3817	10577
40'	12883	17327	26439	59893	63957	46419	7689	12039	8929
TRANSHIP-MENT	0	24126	42451	0	0	0	5434	13488	12079
20'	0	17884	35637	0	0	0	2870	7502	8548
40'	0	3121	3407	0	0	0	1282	2993	1766
Stuffed	0	5025	18342	0	0	0	5434	13393	12078
20'	0	4285	14652	0	0	0	2870	7499	8547
40'	0	370	1845	0	0	0	1282	2947	1766
Empty	0	19101	24109	0	0	0	0	95	1
20'	0	13599	20985	0	0	0	0	3	1
40'	0	2751	1562	0	0	0	0	46	0
TOTAL	697631	739246	803719	1549457	1619857	1383971	388624	450501	408949
20'	239577	233910	256579	668619	693795	611881	260138	295371	315083
40'	229027	252668	273570	440419	463031	386045	64243	77565	46933
Stuffed	558662	593181	620791	1277742	1328277	1130330	303905	355419	331433
20'	190408	178003	184567	539650	551823	475598	219249	256755	272760
40'	184127	207589	218112	369046	388227	327366	42328	49332	29337
Empty	138969	146065	182928	271715	291580	253641	84719	95082	77516
20'	49169	55907	72012	128969	141972	136283	40889	38616	42323
40'	44900	45079	55458	71373	74804	58679	21915	28233	17597

** includes reefers

Table 2.1.5
(Contd...)

Container Traffic Handled at Major Ports - Type-Wise - 2017-18, 2018-19 & 2019-20

(Nos.)

Type	PARADIP			SMP HALDIA		
	2017-18	2018-19	2019-20	2017-18	2018-19	2019-20
1	2	3	4	5	6	7
IMPORT	3512	6322	5803	72331	82174	83623
20'	3512	6322	5803	43511	49616	48543
40'	0	0	0	14410	16279	17540
Stuffed	217	788	3028	68459	77268	82942
20'	217	788	3028	39935	45218	48174
40'	0	0	0	14262	16025	17384
Empty	3295	5534	2775	3872	4906	681
20'	3295	5534	2775	3576	4398	369
40'	0	0	0	148	254	156
EXPORT	3325	6187	5701	83697	95759	85700
20'	3325	6187	5701	53729	56895	51110
40'	0	0	0	14984	19432	17295
Stuffed	3325	6171	5691	43175	53450	45757
20'	3325	6171	5691	37869	40090	30601
40'	0	0	0	2653	6680	7578
Empty	0	16	10	40522	42309	39943
20'	0	16	10	15860	16805	20509
40'	0	0	0	12331	12752	9717
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	6837	12509	11504	156028	177933	169323
20'	6837	12509	11504	97240	106511	99653
40'	0	0	0	29394	35711	34835
Stuffed	3542	6959	8719	111634	130718	128699
20'	3542	6959	8719	77804	85308	78775
40'	0	0	0	16915	22705	24962
Empty	3295	5550	2785	44394	47215	40624
20'	3295	5550	2785	19436	21203	20878
40'	0	0	0	12479	13006	9873

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 - 2017-18, 2018-19 & 2019-20

(Nos.)

Type	SMP KOLKATA			KAMARAJAR		
	2017-18	2018-19	2019-20	2017-18	2018-19	2019-20
1	2	3	4	5	6	7
IMPORT	330266	329606	340752	2678	42321	94162
20'	172810	164690	170868	2566	10761	24970
40'	78728	82458	84942	56	15780	34596
Stuffed	312995	309570	319132	2234	42321	94030
20'	166699	156868	162694	2122	10761	24852
40'	73148	76351	78219	56	15780	34589
Empty	17271	20036	21620	444	0	132
20'	6111	7822	8174	444	0	118
40'	5580	6107	6723	0	0	7
EXPORT	309917	321943	334687	0	14728	32232
20'	159837	160459	163673	0	3054	7860
40'	75040	80742	85507	0	5837	12186
Stuffed	230209	249256	228329	0	4156	15917
20'	131109	138584	131183	0	368	4675
40'	49550	55336	48573	0	1894	5621
Empty	79708	72687	106358	0	10572	16315
20'	28728	21875	32490	0	2686	3185
40'	25490	25406	36934	0	3943	6565
TRANSHIP-MENT	0	0	0	0	0	10590
20'	0	0	0	0	0	3530
40'	0	0	0	0	0	3530
Stuffed	0	0	0	0	0	1765
20'	0	0	0	0	0	1095
40'	0	0	0	0	0	335
Empty	0	0	0	0	0	0
20'	0	0	0	0	0	0
40'	0	0	0	0	0	0
TOTAL	640183	651549	675439	2678	57049	128159
20'	332647	325149	334541	2566	13815	33925
40'	153768	163200	170449	56	21617	47117
Stuffed	543204	558826	547461	2234	46477	111712
20'	297808	295452	293877	2122	11129	30622
40'	122698	131687	126792	56	17674	40545
Empty	96979	92723	127978	444	10572	16447
20'	34839	29697	40664	444	2686	3303
40'	31070	31513	43657	0	3943	6572

Table 2.1.5
(Contd...)

Container Traffic Handled at Major Ports - Type-Wise - 2017-18, 2018-19 & 2019-20

Type	ALL PORTS			(Nos.)
	2017-18	2018-19	2019-20	
	1	2	3	4
IMPORT	4687994	5036278	5016660	
20'	2050466	2184412	2242636	
40'	1318764	1425933	1387012	
Stuffed	4064608	4353964	4255647	
20'	1863466	1917934	1903209	
40'	1100571	1218015	1176219	
Empty	623386	682314	761013	
20'	187000	266478	339427	
40'	218193	207918	210793	
EXPORT	4340189	4706206	4654096	
20'	1868765	1999492	2070553	
40'	1235712	1353357	1291772	
Stuffed	3234253	3512794	3389570	
20'	1318947	1437848	1431842	
40'	957653	1037473	978864	
Empty	1105936	1193412	1264526	
20'	549818	561644	638711	
40'	278059	315884	312908	
TRANSHIP-MENT	109580	134089	220390	
20'	42534	60823	99345	
40'	33523	36633	60523	
Stuffed	101448	95826	156106	
20'	41778	40904	68341	
40'	29835	27461	43883	
Empty	8132	38263	64284	
20'	756	19919	31004	
40'	3688	9172	16640	
TOTAL	9137763	9876573	9891146	
20'	3961765	4244727	4412534	
40'	2587999	2815923	2739306	
Stuffed	7400309	7962584	7801323	
20'	3224191	3396686	3403392	
40'	2088059	2282949	2198966	
Empty	1737454	1913989	2089823	
20'	737574	848041	1009142	
40'	499940	532974	540341	

Source: Major Ports

Table 2.1.6

Overseas Cargo of Principal Commodities Unloaded by Country - 2019-20

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-CRUDE														
Angola			3339			127							914	4380
Algeria						216		370				625	134	1345
Argentina														0
Australia														0
Benin														0
Brunei			232			78						341		652
CIS (Ex Russia)														0
Denmark														0
Egypt			133										2169	2302
Indonesia														0
Iran			703	289				615	290					1897
Iraq			5019	2385		4337		3878	1504			2225	9472	28820
Ivory Cost														0
Kuwait			557	62				1432	1201			719	3491	7461
Liberia													536	536
Libya														0
Malaysia		49	825									1208	500	2582
Mauritius			265										151	417
Netherland														0
Nigeria			5946	2341		1508		320				121	3377	13612
Oman								597					502	1098
Pakistan														0
Qatar				57				536					331	925
Russia			264					885					2331	3479
Saudi Arabia			4597	603				3664	6390			4038	2287	21578
Singapore			1977										230	2207
South Korea														0
South Africa			258										2249	2507
Sudan														0
Syria														0
Tunisia														0
Turkey			139	93				1227				216	287	1962
U.A.E.			3948	3091				1362	1073			2527	3877	15878
Ukraine														0
Venezuela													3373	3373
Yemen														0
Other Countries			2769	585	0	2212	0	1403	135	0	0	3561	3886	14552
Total	0	49	30972	9505	0	8478	0	16288	10592	0	0	15581	40097	131563

Table 2.1.6

Overseas Cargo of Principal Commodities Unloaded by Country - 2019-20

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														0
Belgium														0
Bangladesh														0
Canada												5		5
China		54	24	125	47								32	282
France														0
Hong Kong														0
Indonesia				94								31		124
Iran												1		1
Iraq														0
Japan		10												10
North Korea						32								32
South Korea				36							67	14		117
Kuwait		88										42	40	170
Malaysia		82	51	583	19	58	18	16			3		62	892
Maldives														0
Netherland												4		4
Norway														0
Oman				29			30		46		58	68	122	354
Pakistan														0
Qatar		100					31					31	164	326
Russia														0
Saudi Arabia		24		72	8		11				3	142	768	1028
Singapore		79	35	494	55	86	42		43		112	72		1019
Taiwan				26	13				18					57
Thailand														0
Turkey														0
Tunisia														0
U.A.E.			276	599	52		186	72	137	0	87	72	691	2173
USA					102			83			106	159		450
Other Countries	90		0			186		28			131	1117	80	1633
Total	90	713	110	2058	296	362	319	200	245	0	567	1759	1959	8676

Table 2.1.6

Overseas Cargo of Principal Commodities Unloaded by Country - 2019-20

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				66									116	182
Baharain				44			26		26				128	224
Belarus														0
Brazil														0
Canada		127		57			57		15				61	317
China	381	10	97	274					88				878	1728
CIS (Ex. Russia)														0
Egypt					53								207	260
Estonia				55										55
Ethopia														0
Germany							23		41				27	91
Indonesia			153	146					50				68	416
Iran														0
Israel				35			53		22				150	259
Jordan				95						37			516	648
Kuwait														0
Latvia							27							27
Lithuania				91			29	22	88				507	736
Malaysia				47										47
Mexico														0
Morocco														0
Netherland														0
Oman			44	177			43		44				663	970
Qatar			30	168					42				97	337
Romania														0
Russia				285			39		27				214	565
Saudi Arabia			25	117					30				543	715
Singapore			49											49
South Korea													28	28
Soviet Union														0
Sri Lanka														0
Thailand														0
Tunisia														0
Turkey				106										106
U.A.E.			77	86	46				45				311	565
Ukraine													35	35
United Kingdom														0
USA				45										45
Other Countries	366			166		0	0						323	890
Total	747	137	475	2059	99	0	296	22	518	37	0	323	4584	9296

Table 2.1.6

Overseas Cargo of Principal Commodities Unloaded by Country - 2019-20

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														0
Antigua														0
Australia														0
Bahrain				13										13
Brunoi														0
Belgium														0
Chile						15								15
China														0
Denmark														0
Egypt		247	54	120		21	31		76				45	595
Iran														0
Israel														0
Italy														0
Japan														0
Jordan			39	2034			514							2587
Kuwait														0
Libya														0
Morocco			967	350				128						1445
Nauru														0
Qatar		47	229	87									21	383
Russia			43											43
Saudi Arabia														0
Senegal														0
South Africa														0
Sri Lanka														0
Sudan														0
Syria														0
Togo				299										299
Tunisia														0
U.A.E.		31	343	17			55	56						502
USA														0
Ukraine														0
Vietnam														0
Yemen														0
Other Countries	6	8	381	14		151						91		651
Total	6	372	4052	899	0	187	599	184	76	0	0	91	66	6532

Table 2.1.6

Overseas Cargo of Principal Commodities Unloaded by Country - 2019-20

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											9
Bahrain								10					13	23
Bangladesh			5				4		3					12
Belgium														0
Egypt			34	21			14	11					128	209
Germany														0
Indonesia			110	43					19				15	187
Iran			117						8					124
Israel														0
Japan			260	148										408
Jordan							43						750	793
Kuwait														0
Malaysia								4						4
Mauritius														0
Morocco			192	55				254	117	109				727
Oman													32	32
Qatar			20	66			159	12	72				31	360
Russia														0
Saudi Arabia			151	74									141	365
Senegal							13						751	764
Singapore			19	26										45
South Africa				8										8
South Korea			153	192				36						381
Tunisia														0
USA													56	56
U.A.E.			15	16			7							37
U.K														0
Ukraine			265											265
Other Countries			235	141		11	57	74	51		228		26	824
Total	0	0	1584	790	0	11	297	401	270	109	228	0	1943	5634

Table 2.1.6

Overseas Cargo of Principal Commodities Unloaded by Country - 2019-20

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													66	66
Australia														0
Canada														0
China														0
Dubai														0
Indonesia														0
Japan	5													5
Jordan														0
Myanmar														0
Russia														0
Taiwan														0
Vietnam														0
Others	0					0	70	0					262	331
Total	5	0	0	0	0	0	70	0	0	0	0	0	328	403
IRON & STEEL														
Australia														0
Bangladesh														0
Brazil												0		0
Belgium						4		4				52		61
China	14	34				35		6	0			109		198
CIS(Ex. Russia)													457	457
Egypt														0
France		1												1
Germany												1		1
Indonesia						64		5				86	6	160
Iran														0
Italy												2		2
Japan	13	43				130		4				318	133	640
North Korea														0
South Africa														0
South Korea							0					1211	65	1276
Malaysia									0					0
Myanmar														0
Netherland														0
Panama														0
Romania														0
Russia								0				4		4
Singapore			17											17
Saudi Arabia														0
Spain												3		3
Sri Lanka														0
Swedon														0
Taiwan														0
Thailand		10	18											28
Turkey														0
U.A.E.												1		1
Ukraine												35		35
UK														0
USA												0		0
Vietnam		20										1		21
Other Countries	4				0	703	0	3				288		998
Total	30	107	35	0	0	936	0	23	0	0	0	2111	661	3903

Table 2.1.6

Overseas Cargo of Principal Commodities Unloaded by Country - 2019-20

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		897							28		269		1615	2809
Brazil		50				13					74		76	213
China														0
CIS (Ex Russia)						583								583
Egypt														0
France						4								4
Indonesia		747	16			261	192		218		383	10	1524	3352
Japan														0
Macedonia														0
Maldives														0
Malaysia		453	24	28		344	195		237		396		1054	2731
Qatar												13		13
Romania														0
Russia								7	64		135		9	216
Singapore														0
Saudi Arabia		11									14			25
Spain														0
Thailand		25				7							33	65
Turkey														0
Ukraine		104					5	8	186		308		49	659
UAE											7		9	16
USA													17	17
Other Countries	545		0									61	75	681
Total	545	2286	40	28	0	1212	392	15	734	0	1586	85	4462	11385
COAL (COKING)														
Australia		5362	8213	4761	661		61			4425			484	23967
Canada		209	461		88					1412				2171
China			154	767										921
CIS (Ex Russia)														0
Colombia		14		7									186	207
Egypt			553	78										631
Indonesia		250	645	263						24		1600	79	2860
Iran														0
Japan														0
Mozambique		493	262	284						209				1249
New Zealand		73	244											317
Poland														0
Romania														0
Russia			994	152	209					891		99	77	2421
Singapore			75	79									68	221
South Africa		31		119						249				399
Ukraine														0
USA		828	213	827	32				10	633			145	2689
Venezuela														0
Vietnam			17											17
Other Countries	313	203	74	109										698
Total	313	7462	11903	7446	991	0	61	0	10	7842	0	1699	1038	38766

Table 2.1.6

Overseas Cargo of Principal Commodities Unloaded by Country - 2019-20

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)														0
Australia			79										274	353
China														0
Colombia														0
Indonesia			2366		7979		2232			579		3691	5484	22331
Malaysia			59											59
Phillipines														0
Russia					80		61			152			330	622
Singapore														0
South Africa			2813		200					743			2312	6068
Spain														0
Thailand														0
USA			120										7766	7886
UAE													14	14
Ukraine														0
Other Countries	0		370		152					75			580	1177
Total	0	0	5807	0	8410	0	2293	0	0	1550	0	3691	16760	38511
IRON ORE / PELLETS														
Australia														0
Bahrain														0
Brazil									81					81
China														0
Finland														0
Oman														0
Qatar														0
Russia														0
Senegal														0
South Africa										212			167	379
Ukraine														0
Vietnam														0
Other Countries	0								249	55		520	103	927
Total	0	0	0	0	0	0	0	0	330	267	0	520	269	1386

Table 2.1.6

Overseas Cargo of Principal Commodities Unloaded by Country - 2019-20

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		93		417										510
Argentina														0
Brazil				119										119
Canada														0
Chile														0
China												74		74
Egypt														0
Gabon		165		124										289
Ghana														0
Indonesia												6		6
Iran														0
Japan				31										31
Malaysia		28												28
Maxico														0
Mozambique							42							42
Oman							55		53					109
Peru														0
Phillipines														0
Saudi Arabia				866										866
South Africa		619												619
Thailand														0
Turkey														0
UAE														0
USA														0
Other Countries	49			101			15						19	184
Total	49	905	0	1659	0	0	113	0	53	0	0	99	0	2878

Table 2.1.7

Overseas Cargo of Principal Commodities Loaded by Country (Port-wise) - 2019-20

(In '000 Tonnes)

Country of Origin/Commodities	SMP (KDS)	SMP(HDC)	PPT	VPT	KPL	ChPT	V.O.C	CoPT ⁵⁸	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													162	162
Argentina													106	106
Bangladesh			70										140	210
Belgium														0
China		30	20	330		144		103	351		30	439	35	1481
Egypt								8	68				311	387
France													63	63
Guyana														0
Hongkong														0
Indonesia													69	69
Japan				98		149		103			72	197	31	650
Jakarta														0
Jordan									111				567	678
Kenya									64					64
North Korea														0
South Korea				267				67	70		36	289	68	797
Liberia														0
Malaysia		222	85	196					441		23	237	585	1791
Maldives														0
Malta														0
Mauritius									401					401
Namibia														0
Netherland									323				384	708
Oman		61									21		264	345
Pakistan														0
Qatar													35	35
Saudi Arabia													173	173
Singapore		184	237	124		156		142	678		154	411	1832	3917
Sri Lanka			16										211	227
Slovenia														0
Switzerland									41					41
Taiwan		16							62					77
Tanzania									68					68
U.A.E.		90		273				56	763	2	70	262	2333	3848
Ukraine												25		25
USA						38							55	93
Vietnam														0
Yemen														0
Yugoslavia														0
Other Countries	0	10	96			549		632	792		36	458	2957	5532
Total	0	612	525	1288	0	1036	0	1112	4232	2	441	2318	10382	21949

**Table 2.1.7
(Contd.)**

Overseas Cargo of Principal Commodities Loaded by Country (Port-wise) - 2019-20

58

(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	0													0
Canada														0
China														0
Ethopia														0
France														0
Indonesia														0
Iran														0
Italy														0
Japan														0
Kuwait														0
Malaysia														0
Maldives							0							0
Mozambique														0
Oman														0
Saudi Arabia														0
Singapore														0
Somalia														0
Sudan														0
Taiwan														0
Thailand														0
U.A.E.														0
Vietnam														0
Other Countries	0			2										2
Total	0	0	0	2	0	0	0	0	0	0	0	0	0	2

**Table 2.1.7
Contd.**

Overseas Cargo of Principal Commodities Loaded by Country (Port-wise) - 2019-20

(In '000 Tonnes)

Country of Origin/Commodities	SMP (KDS)	SMP(HDC)	PPT	VPT	KPL	ChPT	V.O.C	CoPT ⁵⁸	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	46			9		33						1		88
Belgium						8						70		78
Brazil				4										4
China	0	56		12										68
CIS														0
Indonesia		85										0	10	95
Iran														0
Italy			122	47		293						5	2	469
Japan	0					20								20
Kenya														0
Kuwait												0		0
Malaysia		44	31	2		114								191
Maldives							5							5
Myanmar						7								7
Oman													14	14
Philippines		24										0	10	34
Qatar														0
Saudi Arabia				2								0	58	60
South Korea												0		0
Singapore		1	21			35						1		57
Spain				16										16
Sri Lanka		29												29
Sudan														0
Taiwan		19	26											46
Tanzania												0		0
Thailand		136	29	15		690								870
U.A.E.			15	5						14		3	12	50
United Kingdom												32		32
USA										20		6		26
Vietnam		248	685											933
Other Countries	2		112	14	0	260		0	4			67	24	483
Total	47	641	1041	126	0	1460	5	0	4	34	0	185	132	3676

**Table 2.1.7
Contd.**

Overseas Cargo of Principal Commodities Loaded by Country (Port-wise) - 2019-20

(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		2937	14466	1260					1059	1325				21048
Italy			28											28
Japan				521					55	56				632
Kuwait														0
Malaysia														0
South Korea				448					49					497
Netherlands														0
Pakistan														0
Phillipines														0
Romania														0
Saudi Arabia										54				54
U.A.E.				55					176	21				252
United Kingdom			56											56
Vietnam														0
Other Countries	0		1094	2545					825					4465
Total	0	2937	15645	4829	0	0	0	0	2164	1456	0	0	0	27031

**Table 2.1.7
(Contd.)**

Overseas Cargo of Principal Commodities Loaded by Country (Port-wise) - 2019-20

(In '000 Tonnes)

Country of Origin/Commodities	58													
	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				28			90						10	127.18
France														0
Indonesia				22									10	31
Iran														0
Iraq														0
Italy														0
Japan				21										21
Kuwait													10	10
Poland														0
Singapore														0
Spain														0
South Korea			85											85
Maldives														0
Malaysia							27							27
Mexico														0
Netherlands													44	44
Nigeria														0
Qatar				15									1	16
Saudi Arabia													34	34
South Africa														0
Tanzania														0
Thailand														0
USA														0
Other Countries			287			602	33						47	969
Total	0	0	372	85	0	602	150	0	0	0	0	0	155	1364

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

Port	Container Cargo			Tare Weight			Container Traffic		
	2017-18	2018-19	2019-20	2017-18	2018-19	2019-20	2017-18	2018-19	2019-20
1	2	3	4	5	6	7	8	9	10
Deendayal	1839	3958	6967	0	0	0	1839	3958	6967
Mumbai	556	329	246	74	46	44	630	375	291
J.L.Nehru	47279	50993	50121	10587	11121	10819	57866	62114	60940
Mormugao	351	382	345	74	85	73	425	467	418
N.Mangalore	1498	1640	1952	246	280	326	1744	1920	2277
Cochin	6600	6702	7173	1094	1414	1455	7694	8116	8628
V.O.Chidambanar	12793	13481	14833	1398	1474	1603	14191	14955	16436
Chennai	25203	26346	22519	4702	4917	4191	29905	31263	26710
Visakhapatnam	5968	6946	7559	867	1013	1091	6835	7959	8649
Paradip	98	194	196	15	27	25	113	221	222
SMP (Haldia Dock Complex)	2343	1762	2678	329	1378	354	2672	3140	3032
SMP (Kolkata Dock System)*	8414	9934	8365	1346	0	1402	9760	9934	9767
Kamarajar	52	987	2268	0	114	256	52	1101	2524
Total	112994	123654	125223	20732	21869	21638	133726	145523	146861

* Tare weight includes transshipment

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

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

Source: Major Ports

Table 2.1.9 Reefer Container Traffic at Major Ports - 2018-19 & 2019-20

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)	2018-19	984	0	5586	0	921	0	6220	0
	2019-20	820	0	6249	0	912	0	6358	0
SMP (Haldia Dock Complex)	2018-19	2	-	147	-	-	-	-	-
	2019-20	3	-	178	-	-	-	-	-
Paradip	2018-19	-	-	-	-	-	-	-	-
	2019-20	-	-	-	-	-	-	-	-
Visakhapatnam	2018-19	293	0	15532	0	2179	0	10111	0
	2019-20	285	0	17212	0	365	0	12043	0
Chennai	2018-19	1592	0	5817	0	1948	0	7489	0
	2019-20	1387	0	6289	0	1480	0	6071	0
V.O. Chidambaranar	2018-19	183	0	2202	0	384	0	4270	0
	2019-20	354	0	8044	0	5	0	315	0
Cochin	2018-19	803	0	9219	0	835	0	9347	0
	2019-20	852	0	8150	0	862	0	8479	0
New Mangalore	2018-19	86	0	2694	0	58	0	2409	0
	2019-20	209	0	2393	0	15	0	614	0
Mormugao	2018-19	12	0	1691	0	11	0	1626	0
	2019-20	7	0	1066	0	6	0	1037	0
J.L.Nehru	2018-19	5679	0	128523	0	4431	0	48674	0
	2019-20	5227	0	109606	0	3691	0	33034	0
Mumbai	2018-19	-	-	-	-	-	-	-	-
	2019-20	-	-	-	-	-	-	-	-
Deendayal	2018-19	-	-	-	-	-	-	-	-
	2019-20	0	-	39	-	0	-	333	-
Kamarajar	2018-19	2	-	30	-	26	-	23	-
	2019-20	39	-	249	-	46	-	258	-
Total	2018-19	9636	0	171441	0	10793	0	90169	0
	2019-20	9183	0	159475	0	7382	0	68542	0

Source: Major Ports

Table 2.1.10

Level of Containerisation in General Cargo at various Major Ports - 2018-19 & 2019-20

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									
2018-19	3406	552	3958	5583	4598	10181	61.0	12.0	38.9
2019-20	6258	709	6967	9327	4502	13830	67.1	15.7	50.4
MUMBAI									
2018-19	36	339	375	746	14329	15075	4.8	2.4	2.5
2019-20	6	284	291	609	3754	4363	1.0	7.6	6.7
J. L. NEHRU									
2018-19	29138	32976	62114	29151	32994	62144	100.0	99.9	100.0
2019-20	26519	34421	60940	26530	34451	60981	100.0	99.9	99.9
MORMUGAO									
2018-19	146	321	467	1627	325	1952	9.0	98.8	23.9
2019-20	105	313	418	1481	313	1794	7.1	100.0	23.3
NEW MANGALORE									
2018-19	718	1201	1920	726	1386	2111	99.0	86.7	90.9
2019-20	701	1577	2278	705	1866	2571	99.4	84.5	88.6
COCHIN									
2018-19	2288	5828	8116	2288	5887	8175	100.0	99.0	99.3
2019-20	2423	6205	8628	2489	6259	8748	97.4	99.1	98.6
V.O. CHIDAMBARANAR									
2018-19	8899	6056	14955	10031	6397	16428	88.7	94.7	91.0
2019-20	9011	7425	16436	10017	7697	17714	90.0	96.5	92.8
CHENNAI									
2018-19	13488	17775	31263	14652	18865	33517	92.1	94.2	93.3
2019-20	11855	14855	26710	13970	15869	29839	84.9	93.6	89.5
VISAKHAPATNAM									
2018-19	4418	3541	7959	4898	3846	8744	90.2	92.1	91.0
2019-20	4563	4086	8649	4879	4350	9229	93.5	93.9	93.7
PARADIP									
2018-19	171	50	221	1348	298	1646	12.7	16.8	13.4
2019-20	132	90	222	1838	139	1978	7.2	64.5	11.2
SMP (KOLKATA DOCK SYSTEM)									
2018-19	4795	5139	9934	4893	5646	10539	98.0	91.0	94.3
2019-20	4437	5330	9767	4563	6023	10586	97.2	88.5	92.3
SMP (HALDIA DOCK COMPLEX)									
2018-19	1378	1762	3140	1847	2189	4036	74.6	80.5	77.8
2019-20	1155	1877	3032	1806	2117	3923	64.0	88.7	77.3
KAMARAJAR									
2018-19	306	795	1101	2421	1099	3520	12.6	72.3	31.3
2019-20	574	1950	2524	2978	2182	5160	19.3	89.4	48.9
TOTAL									
2018-19	69188	76335	145523	80210	97858	178068	86.3	78.0	81.7
2019-20	67739	79122	146861	81193	89523	170715	83.4	88.4	86.0

* Includes tare weight also
Source: Major Ports

Table 2.1.11

Inland Container Movement At Major Ports - 2018-19 & 2019-20

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 Syst	2018-19	24649	627317	297284	4167726	22956	429641	306650	4709380	651539	9934064
	2019-20	0	...	0	...	0	...	0	...	0	0
SMP(Haldia Dock Compl	2018-19	21936	353162	100198	1161758	19006	286605	82591	1596861	223731	3398386
	2019-20	14252	230966	85179	976206	13850	195820	83180	1766820	196461	3169812
Paradip	2018-19	...	...	6187	157790	...	...	6322	35910	12509	193700
	2019-20	...	...	5701	131650	...	...	5803	89896	11504	221546
Visakhapatnam	2018-19	22402	56238	200937	4361720	31357	355550	195764	3185435	450460	7958943
	2019-20	29975	777980	216263	3785971	9721	114847	247671	3970423	503630	8649221
Chennai	2018-19	42498	...	654860	...	52806	...	861641	...	1611805	-
	2019-20	33005	...	578642	...	41069	...	514069	...	1166785	-
V.O. Chidambaranar	2018-19	1440	0	366804	0	1900	0	738204	-	1108348	0
	2019-20	0	0	0	0	0	0	0	-	0	0
New Mangalore	2018-19	628	1577	66093	716906	178	5265	64714	1195805	131613	1919553
	2019-20	0	0	75304	700752	90	173	77957	1576546	153351	2277471
Cochin	2018-19	6334	21103	274230	1998342	270	7983	279774	5550968	560608	7578396
	2019-20	620	4520	289516	2110861	500	10115	291023	5887307	581659	8012803
Mormugao	2018-19	0	0	19180	321211	0	0	17960	146187	37140	467398
	2019-20	0	0	16593	313692	0	0	15203	104696	31796	418388
J.L.Nehru(a)	2018-19	337483	5028507	2153651	23729788	370976	5435808	2030021	25370651	4892131	59564754
	2019-20	376357	5120181	2010454	20583870	421237	6316865	2044079	27247480	4852127	59268396
Mumbai	2018-19	-	-	1264	0	-	-	7828	0	9092	0
	2019-20	-	-	634	0	-	-	6186	0	6820	0
Deendayal	2018-19	-	-	0	0	-	-	0	0	0	0
	2019-20	4053	116782	215835	6141664	2691	15051	219585	1744071	442164	8017568
Kamarajar	2018-19	838	0	12015	0	4150	0	37972	0	54975	0
	2019-20	1433	11253	30799	449650	6556	97718	87432	1279048	126220	1837669
Total	2018-19	458208	6087904	4152703	36615241	503599	6520852	4629441	41791197	9743951	91015194
	2019-20	459695	6261682	3524920	35194316	495714	6750589	3592188	43666287	8072517	91872874

Source: Major Ports

Table 2.1.12

Inland Container Depot Movement at Major Ports -2018-19 & 2019-20

(TEUs)

PORT	2018-19				2019-20			
	ICD Movement			Total Container Traffic	ICD Movement			Total Container Traffic
	Moved in	Moved out	Total		Moved in	Moved out	Total	
1	2	3	4	5	6	7	8	9
SMP(Kolkata Dock System)	0	0	0	651549	0	0	0	675439
SMP(Haldia Dock Complex)	13308	8660	21968	177933	5818	5950	11768	169323
Paradip	-	-	0	12509	-	-	0	11504
Visakhapatnam	223339	31357	254696	450501	246238	257392	503630	408949
Chennai	21417	50953	72370	1619857	37125	56379	93504	1383971
V.O. Chidambaram	1400	1900	3300	739246	0	0	0	803719
Cochin	274672	280044	554716	594593	290136	291523	581659	620061
New Mangalore	0	0	0	131613	0	0	0	153351
Mormugao	0	0	0	37140	0	0	0	31861
J.L.Nehru	321842	386233	708075	5133274	334617	763109	1097726	5031187
Mumbai	0	0	0	27202	0	0	0	26714
Deendayal	0	0	0	244107	4053	2691	6744	446908
Kamarajar	838	7239	8077	57049	3565	14592	18157	128159
All Ports	856816	766386	1623202	9876573	921552	1391636	2313188	9891146

(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 - 2018-19 & 2019-20

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						
2018-19	2266	3635	7992	2417	5562	21872
2019-20	2295	3408	8100	2272	5728	21803
2. Av. pre-berthing waiting time(days)						
2018-19	1.03	1.32	1.67	0.86	0.32	1.10
2019-20	0.57	1.27	1.49	0.58	0.30	0.95
3. Av. turn round time (days)						
2018-19	2.62	3.51	2.89	3.46	1.61	2.73
2019-20 *	2.25	3.18	1.83	3.01	1.39	2.12
4. Percentage of idle time at berth to time at working berth (days)						
2018-19	23.6	33.4	31.7	35.8	15.7	28.9
2019-20	21.6	29.0	28.6	36.6	17.4	27.0
5. Av. Output per ship berth day (tonnes)						
2018-19	29820	19243	25818	4699	26737	21839
2019-20	29594	18409	26180	5143	27078	21914

*:- 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 -2018-19 & 2019-20

Item	SMP (Kolkata Dock)*	SMP(Haldi a Dock Complex)	Paradip	Visakhapatnam	Kamarajar^	Chennai	V.O. Chidambarana r	Cochin	New Mangalore	Mormugao**	J.L. Nehru	Mumbai#	Deen dayal	All Ports
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1. No. of vessels sailed														
2018-19	1358	2270	1964	2012	877	1606	1370	1156	1295	521	2582	1958	2903	21872
2019-20	1283	2244	2013	2099	827	1464	1447	1141	1351	430	2498	1930	3076	21803
2. Av. pre-berthing waiting time(days)														
2018-19	0.46	2.72	0.30	1.29	0.18	0.15	0.68	0.53	1.10	1.24	0.82	1.07	2.02	1.10
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
3. Av. turn round time (days)														
2018-19	3.35	3.03	2.51	2.51	1.97	1.98	1.76	1.94	1.93	3.48	2.13	2.69	4.68	2.73
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
4. Percentage of Idle time at berth to time at working berth (days)														
2018-19	38.2	56.9	22.8	32.6	31.8	21.8	24.6	33.3	17.2	19.5	11.3	57.7	21.2	28.9
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
5. Av. Output per ship berth day (tonnes)														
2018-19	7765	15083	36030	18281	27678	21001	19494	30150	18126	18685	25847	25941	21410	21839
2019-20	7174	15192	32001	20032	26851	20340	19334	31258	19140	19944	28296	25608	21109	21914

*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 2018-19& 2019-20**

Port	Type of Vessel											
	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (Conv.)		Liquid Bulk		All Types	
	2018-19	2019-20	2018-19	2019-20	2018-19	2019-20	2018-19	2019-20	2018-19	2019-20	2018-19	2019-20
1	2	3	4	5	6	7	8	9	10	11	12	13
Kolkata Dock System	782	808	179	168	0	0	175	87	222	220	1358	1283
Haldia Dock Complex	262	249	78	78	213	198	665	681	1052	1038	2270	2244
Paradip	25	29	83	102	720	741	605	588	531	553	1964	2013
Visakhapatnam	292	329	72	64	277	351	605	586	766	769	2012	2099
Kamarajar	21	65	174	148	399	302	19	24	264	288	877	827
Chennai	683	594	325	352	0	0	120	88	478	430	1606	1464
V.O. Chidambaranar	550	606	299	306	182	177	153	157	186	201	1370	1447
Cochin	627	606	39	30	70	77	18	17	402	411	1156	1141
New Mangalore	199	241	48	50	122	151	205	147	721	762	1295	1351
Mormugao	53	51	83	72	158	148	87	67	140	92	521	430
J.L.Nehru	1821	1777	100	78	51	66	0	0	610	577	2582	2498
Mumbai	2	1	539	451	0	0	342	325	1075	1153	1958	1930
Deendayal	245	372	398	373	74	84	641	641	1545	1606	2903	3076
All Ports	5562	5728	2417	2272	2266	2295	3635	3408	7992	8100	21872	21803

Source: Major Ports

Table 2.1.16

Average Pre-berthing Detention By Type of Vessels -2018-19 & 2019-20

(In Days)

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2018-19	2019-20	2018-19	2019-20	2018-19	2019-20	2018-19	2019-20	2018-19	2019-20	2018-19	2019-20
1	2	3	4	5	6	7	8	9	10	11	12	13
SMP Kolkata Dock Syster	0.54	0.71	0.34	0.37	-	-	0.04	0.09	0.63	1.13	0.46	0.70
SMP Haldia Dock Comple	0.66	0.82	2.80	2.49	2.55	2.37	3.46	3.47	2.79	3.28	2.72	2.96
Paradip	0.14	0.06	0.27	0.21	0.21	0.27	0.62	1.74	0.06	0.08	0.30	0.64
Visakhapatnam	0.97	0.04	1.22	0.09	1.56	0.05	1.40	0.06	1.23	0.04	1.29	0.05
Kamarajar	-	0.00	0.44	0.08	0.34	0.13	9.92	0.05	0.91	0.17	0.18	0.12
Chennai	0.00	0.00	0.12	0.00	0.00	0.00	0.16	0.69	0.36	0.09	0.15	0.00
V.O.Chidambanar	0.36	0.31	0.58	0.64	1.74	0.91	0.79	0.95	0.65	1.21	0.68	0.65
Cochin	0.25	0.19	0.34	0.28	0.78	0.66	0.16	0.07	0.95	0.89	0.53	0.48
New Mangalore	0.30	0.05	0.10	0.13	0.68	0.37	0.70	0.91	1.57	1.95	1.10	1.26
Mormugao	0.19	0.11	0.94	1.80	2.80	0.92	0.46	0.08	0.55	2.64	1.24	1.21
J.L.Nehru	0.19	0.16	0.33	0.58	2.24	0.85	0.00	0.00	2.69	2.64	0.82	0.77
Mumbai	0.00	0.00	0.43	0.07	0.00	0.00	0.03	0.01	1.72	0.23	1.07	0.16
Deendayal	0.65	0.82	2.64	1.61	0.91	1.55	1.43	0.85	2.38	2.56	2.02	1.85
All Ports	0.32	0.30	0.86	0.58	1.03	0.57	1.32	1.27	1.67	1.49	1.10	0.95

Source: Major Ports

Table 2.1.17

Average Turn Round Time - By Type Of Vessels -2018-19 & 2019-20

(In Days)

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2018-19	2019-20	2018-19	2019-20	2018-19	2019-20	2018-19	2019-20	2018-19	2019-20	2018-19	2019-20
1	2	3	4	5	6	7	8	9	10	11	12	13
SMP Kolkata Dock System	3.73	3.26	4.44	4.45	0.00	0.00	0.68	0.70	3.28	2.87	3.35	3.17
SMP Haldia Dock Complex	1.86	1.71	5.02	4.65	3.05	3.39	4.22	3.74	2.42	2.08	3.03	2.75
Paradip	1.55	0.95	3.36	3.01	1.92	1.78	3.94	3.76	1.61	1.52	2.51	2.34
Visakhapatnam	1.08	0.93	4.18	4.07	2.89	2.58	4.01	3.89	1.58	1.75	2.51	2.43
Kamarajar	0.85	0.69	0.85	0.84	2.79	2.74	3.20	2.56	1.47	1.29	1.97	1.73
Chennai	1.31	1.27	2.57	2.83	0.00	0.00	3.37	2.78	2.16	2.18	1.98	2.00
V.O.Chidambanar	0.79	0.75	1.60	1.59	3.37	2.93	3.38	3.51	2.00	2.03	1.76	1.67
Cochin	1.04	0.81	2.23	3.11	3.87	2.98	3.33	2.90	2.92	1.92	1.94	1.45
New Mangalore	1.33	1.33	1.57	2.36	1.98	1.72	2.73	3.29	1.87	1.82	1.93	1.90
Mormugao	1.44	1.17	4.51	4.18	5.50	2.89	2.98	1.19	1.67	1.46	3.48	2.33
J.L.Nehru	1.31	1.08	1.38	1.16	6.47	3.73	0.00	0.00	4.33	1.42	2.13	1.23
Mumbai	0.60	1.63	3.10	2.78	0.00	0.00	0.62	0.49	3.14	1.61	2.69	1.70
Deendayal	1.79	1.42	7.00	4.58	5.34	4.64	4.59	3.27	4.54	1.93	4.68	2.54
All Ports	1.61	1.39	3.46	3.01	2.62	2.25	3.51	3.18	2.89	1.83	2.73	2.12

Source: Major Ports

Year 2019-20 As per revised definition of TRT, from Pilot boarding to Pilot de-boarding

Table 2.1.18

Percentage Of Idle Time At Working Berth To Time At Working Berth - By Type Of Vessels - 2018-19 & 2019-20

(In Days)

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2018-19	2019-20	2018-19	2019-20	2018-19	2019-20	2018-19	2019-20	2018-19	2019-20	2018-19	2019-20
1	2	3	4	5	6	7	8	9	10	11	12	13
SMP Kolkata Dock System	22.5	25.5	63.5	70.7	-	-	60.2	62.5	87.8	85.2	38.2	41.2
SMP Haldia Dock Complex	66.7	69.4	49.3	43.8	47.2	47.1	78.1	56.2	63.2	43.4	56.9	50.1
Paradip	20.2	0.0	19.0	1.6	27.6	26.0	31.2	13.6	0.0	0.0	22.8	13.1
Visakhapatnam	12.2	13.2	25.3	33.6	46.7	49.8	31.6	33.6	34.4	32.3	32.6	34.4
Kamarajar	12.6	0.0	32.8	0.0	15.4	0.0	7.0	0.0	29.2	0.0	31.8	0.0
Chennai	14.5	17.9	36.5	34.8	-	-	22.7	25.9	17.7	18.3	21.8	24.0
V.O.Chidambaranar	1.5	0.7	52.3	61.8	16.9	15.2	40.9	40.5	21.5	20.8	24.6	25.5
Cochin	30.2	36.1	43.7	62.9	21.3	16.6	61.8	74.1	36.2	28.6	33.3	31.4
New Mangalore	8.3	9.5	25.9	34.9	14.2	19.8	19.4	30.7	18.0	22.3	17.2	22.4
Mormugao	12.0	15.2	19.1	17.5	12.2	15.3	11.1	23.2	77.8	73.6	19.5	22.1
J.L.Nehru	6.9	8.6	24.1	13.6	4.8	4.8	-	-	21.4	26.2	11.3	12.7
Mumbai	-	-	77.7	92.3	-	-	42.8	49.9	43.4	35.1	57.7	54.1
Deendayal	21.5	12.9	10.4	12.4	13.2	15.8	20.9	20.5	29.1	29.3	21.2	20.7
All Ports	15.7	17.4	35.8	36.6	23.6	21.6	33.4	29.0	31.7	28.6	28.9	27.0

Source: Major Ports

Table 2.1.19

Average Output Per Ship Berthday - By Type Of Vessels -2018-19 & 2019-20

(Tonnes)

Port	Container		Break Bulk		Dry Bulk (Mech.)		Dry Bulk (conv.)		Liquid Bulk		All Types	
	2018-19	2019-20	2018-19	2019-20	2018-19	2019-20	2018-19	2019-20	2018-19	2019-20	2018-19	2019-20
1	2	3	4	5	6	7	8	9	10	11	12	13
SMP Kolkata Dock System	7725	7475	3084	4822	0	0	55861	63478	5493	5105	7765	7174
SMP Haldia Dock Complex	16209	16075	4754	4350	17620	17233	20185	18932	12000	13104	15083	15192
Paradip	7796	10517	7042	6505	50407	49844	19916	16813	62340	642	36030	32001
Visakhapatnam	31097	34761	3431	3146	35248	39435	11593	11838	22436	22010	18281	20032
Kamarajar (Ennore)	76150	72114	23717	31494	31808	27023	19178	20224	16952	19243	27678	26581
Chennai	41281	43320	3766	4235	0	0	14262	11411	17600	19265	21001	20340
V.O.Chidambaranar	37109	39185	37109	39185	21958	23414	20468	16508	5553	5416	19494	19334
Cochin	26287	28930	1234	2411	6801	7182	8888	6904	44176	44610	30150	31258
New Mangalore	7830	8286	2678	3402	21367	27630	14084	15281	22138	22863	18126	19140
Mormugao	6653	6766	5917	5434	28409	27105	21956	57356	13866	11183	18685	19944
J.L.Nehru	36846	39843	404	607	4968	4473	0	0	9781	10854	25847	28296
Mumbai	0	0	5157	5476	0	0	117760	154577	29061	24699	25941	25608
Deendayal	19076	16596	4191	5164	0	0	19352	17664	36537	36450	21373	21109
All Ports	26737	27078	4699	5143	29820	29594	19243	18409	25818	26180	21839	21914

Source: Major Ports

Table 2.1.20

Commodity-wise Average Pre-Berthing Detention - 2018-19 & 2019-20

(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)	2019-20	-	0.96	0.09	0.05	-	0.05	-	1.61	2.20	-	0.71	0.38	3.33	
	2018-19	-	2.02	0.07	0.04	-	0.07	-	2.05	1.28	-	1.35	0.04	1.70	
POL(Product)	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	
	2018-19	0.56	3.31	0.07	0.05	0.30	0.03	0.65	0.60	1.21	0.44	2.98	0.00	1.64	
LPG	2019-20	0.00	3.19	0.00	0.03	0.16	-	0.29	0.31	3.14	-	4.70	0.37	4.58	
	2018-19	0.00	2.93	-	0.06	0.59	-	0.20	0.79	2.27	-	3.39	0.14	6.54	
Iron Ore	2019-20	0.00	1.11	0.56	0.06	-	-	0.00	-	0.58	0.07	-	-	0.48	
	2018-19	0.00	0.50	0.57	0.08	-	-	0.09	-	0.38	1.02	-	-	0.36	
Coking Coal	2019-20	0.23	2.89	2.87	0.05	0.24	-	0.00	-	3.00	1.01	-	-	0.74	
	2018-19	0.18	5.45	0.64	0.05	0.43	-	0.00	-	0.71	2.89	-	-	1.04	
Thermal Coal	2019-20	0.00	1.99	0.14	0.05	0.12	-	0.91	0.00	0.00	0.82	-	-	0.83	
	2018-19	0.00	1.18	0.15	0.07	0.21	-	1.70	0.00	0.53	2.64	-	-	0.38	
Fertilisers *	2019-20	0.00	3.83	0.07	0.07	-	0.08	0.33	0.47	0.68	0.31	-	0.30	0.58	
	2018-19	0.42	4.09	0.06	0.05	-	0.07	0.90	0.58	0.35	0.47	-	0.02	0.73	
FRM (Dry)	2019-20	0.00	0.00	0.00	-	-	-	0.00	-	-	-	-	-	-	
	2018-19	0.00	0.00	0.00	-	-	-	0.00	-	-	-	-	-	0.53	
Other Dry Bulk	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	
	2018-19	0.29	3.36	0.52	0.06	0.35	0.07	1.00	0.67	0.87	2.80	2.24	0.01	1.66	
Other Lqd. Bulk	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	
	2018-19	0.71	2.42	0.00	0.04	0.52	0.07	0.75	0.01	1.60	0.65	2.57	0.00	2.46	
General Cargo	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	
	2018-19	0.45	2.66	0.26	0.06	0.13	0.04	1.06	0.34	0.70	0.94	0.33	0.02	1.94	
Containers	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	
	2018-19	0.54	0.66	0.14	0.97	-	0.00	0.36	0.25	0.30	0.19	0.19	0.00	0.65	
Total	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	
	2018-19	0.46	2.72	0.30	1.29	0.18	0.15	0.68	0.53	1.10	1.24	0.82	1.07	2.02	

* Fertilisers & FRM Dry except KD

Source: Major Ports

Table 2.1.21 Commodity-wise Average Turn Round Time 2018-19 & 2019-20

Port ---> Commodity	Year	(In Days)												
		Kolkata Dock System\$	Haldia Dock Complex	Paradip	Visakhakha patnam	Kamarajar	Chennai	V.O.Chidambaranar	Cochin	New Manglore	Mormugao	J.L.Nehru	Mumbai	Deendayal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
POL (Crude)	2019-20	-	1.90	1.88	1.82	-	1.80	0.00	1.96	1.86	-	1.59	1.58	2.11
	2018-19	-	1.07	1.92	1.84	-	2.26	-	4.22	1.94	-	3.12	1.93	3.72
POL(Product)	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
	2018-19	3.91	1.66	1.43	1.59	1.83	1.98	2.28	3.02	1.75	1.61	4.43	2.76	3.61
LPG	2019-20	-	1.88	-	2.11	1.41	-	1.30	1.38	2.98	-	1.96	3.09	2.03
	2018-19	-	1.85	-	2.13	2.14	-	1.44	1.60	2.69	-	5.14	2.26	8.46
Iron Ore	2019-20	0.00	4.28	2.88	2.65	0.00	-	0.00	0.00	2.83	4.48	-	-	3.15
	2018-19	1.97	3.44	3.38	2.04	0.00	-	2.05	0.00	2.71	4.58	-	-	3.16
Coking Coal	2019-20	3.48	3.75	3.71	3.26	1.67	-	0.00	0.00	1.58	3.11	-	-	5.11
	2018-19	4.10	4.20	4.26	3.36	2.17	-	0.00	0.00	2.86	3.36	-	-	4.03
Thermal Coal	2019-20	0.00	2.75	1.39	2.05	2.81	-	3.42	0.00	0.00	2.90	-	-	3.99
	2018-19	2.89	2.75	1.48	2.23	2.51	-	3.59	5.43	2.68	3.25	-	-	6.64
Fertilisers*	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
	2018-19	2.40	4.67	2.52	6.05	4.50	3.07	4.27	11.39	3.50	3.80	-	14.67	3.69
FRM (Dry)	2019-20	0.00	-	-	-	-	-	0.00	-	-	-	-	-	-
	2018-19	2.45	-	-	-	-	-	0.00	-	-	-	-	-	-
Other Dry Bulk	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
	2018-19	8.49	3.84	3.24	4.03	3.46	3.41	3.05	3.07	2.00	2.82	6.29	8.88	4.63
Other Lqd. Bulk	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
	2018-19	3.37	3.05	-	1.28	1.47	2.36	2.00	1.60	0.71	1.22	3.86	1.50	4.08
General Cargo	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
	2018-19	6.22	4.54	3.30	4.17	0.93	2.57	2.94	2.45	2.06	3.70	1.19	3.07	6.05
Containers	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
	2018-19	3.78	1.86	1.55	1.08	0.85	1.31	0.79	1.04	1.33	1.44	1.31	0.60	1.79
Total	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
	2018-19	3.35	3.03	2.51	2.51	1.97	1.98	1.76	1.94	1.93	3.48	2.13	2.69	4.68

* Fertilisers & FRM Dry except KDS and Deendayal Port

TRT:- As per revised 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 - 2018-19 & 2019-20

(In Days)

Port --->	Year	SMP (Kolkata Dock System)	SMP (Haldia Dock Complex)	Paradip	Visakhakh apatnam	Kamarajar	Chennai	V.O.Chidam baranar	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)	2019-20	-	0.38	N/A	0.31	-	0.36	-	0.17	0.31	-	0.33	0.39	0.23	
	2018-19	-	0.28	N/A	0.19	-	0.36	-	0.46	0.31	-	0.34	0.40	0.00	
POL(Product)	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	
	2018-19	0.90	0.47	...	0.42	0.28	0.32	0.41	0.70	0.38	0.68	0.28	0.63	0.00	
LPG	2019-20	-	0.39	-	0.34	0.28	-	0.28	0.36	0.33	-	0.24	0.36	0.47	
	2018-19	-	0.43	-	0.36	0.35	-	0.26	0.24	0.28	-	0.24	0.33	0.00	
Iron Ore	2019-20	0.00	1.04	N/A	0.93	...	-	0.00	-	0.59	0.90	-	-	0.32	
	2018-19	0.85	0.83	N/A	0.58	...	-	0.36	-	0.48	0.37	-	-	0.00	
Coking Coal	2019-20	0.63	0.65	N/A	0.73	0.19	-	0.00	-	0.30	0.35	-	-	2.78	
	2018-19	1.05	0.69	N/A	0.71	0.21	-	0.00	-	0.44	0.30	-	-	0.00	
Thermal Coal	2019-20	0.00	0.88	N/A	0.50	0.16	-	0.41	0.00	0.00	0.45	-	-	0.62	
	2018-19	1.42	0.93	N/A	0.59	0.19	-	0.43	2.21	0.28	0.37	-	-	0.00	
Fertilisers *	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	
	2018-19	1.99	1.33	N/A	1.75	0.00	0.59	1.16	1.26	0.90	0.40	-	4.01	0.00	
FRM (Dry)	2019-20	0.00	-	-	-	-	-	-	-	-	-	-	-	-	
	2018-19	2.45	-	-	-	-	-	-	-	-	-	-	-	-	
Other Dry Bulk	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	
	2018-19	2.26	0.83	N/A	0.94	0.22	0.61	0.72	0.72	0.27	0.33	0.19	2.49	0.00	
Other Lqd. Bulk	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	
	2018-19	2.26	0.61	-	0.31	0.21	0.28	0.32	0.39	0.28	0.28	0.26	0.35	0.00	
General Cargo	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	
	2018-19	1.58	1.06	N/A	0.83	0.17	0.67	0.99	0.53	0.39	0.56	0.18	1.07	0.00	
Containers	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	
	2018-19	0.38	0.52	N/A	0.11	0.10	0.16	0.01	0.15	0.10	0.13	0.10	0.42	0.00	
Total	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	
	2018-19	0.75	0.67	-	0.58	0.21	0.34	0.35	0.31	0.31	0.39	0.14	0.70	0.00	

Source: Major Ports

* Fertiliser & FRM(Dry)

Table 2.1.23

Commodity-wise Output per Ship Berth Day - 2018-19 & 2019-20

(In Tonnes)

Port Commodity	Year	SMP (Kolkata Dock Complex)	SMP(Haldia Dock Complex)	Paradip	Visakhapatnam	Kamarajar	Chennai	V.O.Chida mbaranar	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)	2019-20	-	18456	125530	72539	-	76168	-	102074	77755	-	51496	68842	107012
	2018-19	-	42966	131710	95392	-	59524	-	119313	76957	-	52976	73078	96831
POL(Product)	2019-20	5697	20600	16793	13799	21441	8318	5189	18670	23656	10918	14196	12862	28753
	2018-19	5188	18604	16977	12542	18370	8234	5528	14803	25668	16673	14686	20627	23186
LPG	2019-20	-	16238	-	14770	24927	-	5420	69417	6349	0	9354	6104	13059
	2018-19	-	15598	-	13284	19141	-	5634	145155	6161	0	9656	7331	9658
Iron Ore	2019-20	0	17425	-	39405	-	-	0	0	26399	15028	-	0	19066
	2018-19	6019	28221	18126	50265	-	-	35005	0	26790	16118	-	53214	16462
Coking Coal	2019-20	3886	18386	-	20961	32868	-	0	0	9835	28013	-	0	18315
	2018-19	4164	17823	14317	18839	28334	-	0	0	20559	24541	-	49181	14046
Thermal Coal	2019-20	0	21734	-	25654	26786	-	19628	0	-	24042	-	0	20091
	2018-19	6169	23732	48141	22298	31995	-	20583	13599	30961	22712	-	47648	17001
Fertilisers *	2019-20	0	10828	-	8976	8962	7880	13243	3367	9232	4753	-	3739	11903
	2018-19	1783	13040	14380	8905	10500	7541	12991	5268	10615	6485	-	2601	10797
FRM (Dry)	2019-20	0	-	-	-	-	-	-	-	-	-	-	-	-
	2018-19	3079	-	-	-	-	-	-	-	-	-	-	-	-
Other Dry Bulk	2019-20	2699	18946	-	14423	22709	12138	21110	8720	6407	17930	4270	9213	13112
	2018-19	3577	19838	16668	13003	19933	14916	23559	9441	7045	13966	5217	7902	12075
Other Liquid Bulk	2019-20	4777	8286	10781	10762	3045	5266	5475	9532	8646	12285	8509	8428	10904
	2018-19	4872	7800	-	7450	3790	5016	5537	18854	10322	11752	8595	8515	8477
General Cargo	2019-20	941	4349	-	3441	59887	4332	2630	2409	3427	5435	534	5460	4591
	2018-19	1186	4992	5643	3441	24336	2140	3263	1102	3631	5916	532	5144	3533
Containers	2019-20	7475	16075	10517	34761	72114	43320	39185	28930	8286	6766	39843	0	16596
	2018-19	7613	16209	5855	31137	78649	41281	37108	26416	8531	6659	35663	1679	19076
Total	2019-20	7174	15192	32001	20032	26581	20340	19334	31258	19140	19944	28296	25608	21109
	2018-19	7765	15083	36030	18281	27678	21001	19494	30150	18126	18685	25847	25941	21373

* 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 -2018-19 & 2019-20**

(In Days)

Port	2018-19			2019-20		
	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	0.46	0.00	0.46	0.70	0.05	0.65
Haldia Dock Complex	2.72	0.70	2.02	2.96	1.00	1.95
Paradip	0.30	0.30	0.00	0.64	0.64	0.00
Visakhapatnam	1.29	1.29	0.00	0.05	0.05	0.00
Kamarajar	0.18	0.00	0.18	0.12	0.00	0.12
Chennai	0.15	0.00	0.15	0.00	0.00	0.00
V.O. Chidambaranar	0.68	0.11	0.57	0.65	0.12	0.53
Cochin	0.53	0.00	0.53	0.48	0.02	0.46
New Mangalore	1.10	0.38	0.72	1.26	0.56	0.70
Mormugao	1.24	0.16	1.08	1.21	0.06	1.15
J.L.Nehru	0.82	0.27	0.55	0.77	0.22	0.55
Mumbai	1.07	0.00	1.07	0.16	0.01	0.15
Deendayal	2.02	0.41	1.61	1.85	0.35	1.50
All Ports	1.10	0.34	0.76	0.95	0.29	0.66

Source: Major Ports

Table 2.1.25

Reason-wise, Major Port-wise Average Pre-berthing Detention - 2019-20

Sl. No.	Category Of Ships	No. Of Ships	Reason-wise average pre-berthing delay (in hrs.)								Total
			Non-avail. of Berth	Non-avail. of Tug/Craft	Non-avail. Of Pilot	Navigation Restriction	Draft Restriction	Shippers/ Ships/ Agents Option	Lack of cargo	Others	
1	2	3	4	5	6	7	8	9	10	11	12
SMP(Kolkata Dock System)											
1.	Container	808	1.01	-	0.13	-	-	5.64	-	10.37	17.14
2.	Break Bulk	168	0.35	-	0.73	-	-	1.73	-	1.67	4.47
3.	Dry Bulk(C)	87	0.00	-	-	-	-	-	-	2.21	2.21
4.	Liquid Bulk	220	1.48	-	0.00	-	-	1.49	-	20.04	23.01
	Total	1283	0.93	-	0.18	-	-	4.03	-	11.63	16.77
SMP (Haldia Dock Complex)											
1.	Container	249	0.15	-	-	-	0.08	0.28	-	0.30	0.82
2.	Break Bulk	78	1.28	0.05	-	-	-	0.95	-	0.21	2.49
3.	Dry Bulk(M)	198	0.20	-	-	-	0.04	1.96	-	0.17	2.37
4.	Dry Bulk(C)	681	2.08	-	-	-	0.07	0.56	-	0.77	3.47
5.	Liquid Bulk	1038	0.44	0.00	-	-	0.11	2.55	-	0.17	3.28
	Total	2244	0.92	0.00	-	-	0.09	1.59	-	0.37	2.96
Paradip											
1.	Container	29	-	-	-	-	-	-	-	1.38	1.38
2.	Break Bulk	102	3.52	-	-	-	-	-	-	1.47	5.00
3.	Dry Bulk(M)	741	4.78	-	-	-	-	-	-	1.60	6.38
4.	Dry Bulk (C)	588	40.04	-	-	-	-	-	-	1.67	41.72
5.	Liquid Bulk	553	1.62	-	-	-	-	-	-	0.26	1.87
	Total	2013	14.08	-	-	-	-	-	-	1.24	15.32
Visakhapatnam											
1.	Container	329	-	-	-	-	-	-	-	0.98	0.98
2.	Break Bulk	64	-	-	-	-	-	-	-	2.05	2.05
3.	Dry Bulk(M)	351	-	-	-	-	-	-	-	1.32	1.32
4.	Dry Bulk(C)	586	0.01	-	-	-	-	-	-	1.45	1.46
5.	Liquid Bulk	769	-	-	-	-	-	-	-	1.02	1.02
	Total	2099	0.00	-	-	-	-	-	-	1.22	1.22

(M) Mechanised. (C) Conventional.

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

Reason-wise, Major Port-wise Average Pre-berthing Detention - 2019-20

Sl. No.	Category Of Ships	No. Of Ships	Reason-wise average pre-berthing delay (in hrs.)								Total
			Non-avail. of Berth	Non-avail. of Tug/Craft	Non-avail. Of Pilot	Navigation Restriction	Draft Restriction	Shippers/ Ships/ Agents Option	Lack Of Cargo	Others	
1	2	3	4	5	6	7	8	9	10	11	12
Kamarajar*											
1.	Container	65	-	-	0.00	-	-	-	-	-	-
2.	Break Bulk	148	-	-	0.00	-	-	0.00	-	-	0.00
3.	Dry Bulk(M)	302	-	-	0.00	-	-	0.01	-	-	0.01
4.	Dry Bulk(C)	24	-	-	-	-	-	0.12	-	-	-
5.	Liquid Bulk	288	-	-	0.00	-	-	0.01	-	-	0.01
	Total	827	-	-	0.00	-	-	0.00	-	-	0.00
Chennai											
1.	Container	594	-	-	-	0.62	-	0.00	-	-	0.62
2.	Break Bulk	352	-	-	-	0.80	-	0.00	-	-	0.80
3.	Dry Bulk(M)	0	-	-	-	-	-	-	-	-	-
4.	Dry Bulk(C)	88	-	-	-	1.17	-	0.69	-	-	1.86
5.	Liquid Bulk	430	-	-	-	0.85	-	0.09	-	-	0.94
	Total	1464	0.00	-	-	0.76	-	0.07	-	-	0.83
V.O. Chidambaranar											
1.	Container	606	0.01	-	-	-	-	0.26	-	0.05	0.31
2.	Break Bulk	306	0.02	-	-	-	-	3.19	-	0.55	3.76
3.	Dry Bulk(M)	177	0.34	-	-	-	0.02	0.02	-	0.52	0.91
4.	Dry Bulk(C)	157	0.45	-	-	-	0.01	0.04	-	0.44	0.95
5.	Liquid Bulk	201	0.10	-	0.00	0.01	0.00	0.01	-	1.09	1.21
	Total	1447	0.11	-	0.00	0.00	0.00	0.13	-	0.41	0.65
Cochin											
1.	Container	606	-	-	0.03	-	-	3.90	-	0.67	4.60
2.	Break Bulk	30	0.79	-	-	-	-	4.76	-	1.18	6.73
3.	Dry Bulk(M)	77	0.41	-	0.16	-	-	3.74	7.76	3.77	15.84
4.	Dry Bulk(C)	17	-	-	-	-	-	0.69	-	1.02	1.71
5.	Liquid Bulk	411	0.96	-	0.07	-	-	12.06	6.86	1.50	21.45
	Total	1141	0.40	-	0.05	-	-	6.80	2.99	4.19	14.44

(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 - 2019-20

Sl. No.	Category Of Ships	No. Of Ships	Reason-wise average pre-berthing delay (in hrs.)									Total
			Non-avail. of Berth	Non-avail. of Tug/Craft	Non-avail. Of Pilot	Navigation Restriction	Draft Restriction	Shippers/ Ships/ Agents Option	Lack Of Cargo	Others		
1	2	3	4	5	6	7	8	9	10	11	12	
New Mangalore												
1.	Container	241	0.42	-	-	-	-	0.45	0.07	0.33	1.27	
2.	Break Bulk	50	1.52	-	-	-	-	1.54	-	0.16	3.22	
3.	Dry Bulk(M)	151	6.03	-	-	-	-	1.28	-	1.48	8.79	
4.	Dry Bulk(C)	147	17.86	-	-	-	-	2.56	-	1.41	21.84	
5.	Liquid Bulk	762	18.76	-	-	-	-	27.81	-	0.29	46.86	
	Total	1351	13.33	-	-	-	-	16.24	0.01	0.55	30.13	
Mormugao												
1.	Container	51	0.76	-	-	-	-	-	-	1.98	2.74	
2.	Break Bulk	72	2.90	-	-	-	-	31.27	-	13.24	47.41	
3.	Dry Bulk(M)	148	0.00	-	-	-	-	20.91	-	1.24	22.15	
4.	Dry Bulk(C)	67	0.79	-	-	-	-	0.58	0.00	0.54	1.91	
5.	Liquid Bulk	92	3.70	-	-	-	-	20.95	985.20	28.02	1037.87	
	Total	430	1.49	-	-	-	-	17.00	2.29	27.56	48.34	
J.L.Nehru												
1.	Container	1777	0.04	0.01	0.01	-	0.16	0.02	-	3.65	3.89	
2.	Break Bulk	78	-	-	-	-	0.21	-	-	13.77	13.98	
3.	Dry Bulk(M)	66	-	-	-	0.02	1.96	-	-	18.51	-	
4.	Dry Bulk(C)	0	-	-	-	-	-	-	-	-	0.00	
5.	Liquid Bulk	577	-	-	0.02	0.01	0.69	0.01	-	62.63	63.36	
	Total	2498	0.03	0.00	0.02	0.00	0.33	0.01	-	17.98	18.38	
Mumbai												
1.	Container	1	-	-	-	-	-	-	-	-	0.00	
2.	Break Bulk	451	-	-	-	-	-	-	-	1.71	1.71	
3.	Dry Bulk(C)	325	-	-	-	-	-	-	-	0.28	0.28	
4.	Liquid Bulk	1153	0.43	-	-	-	-	-	-	5.08	5.51	
	Total	1930	0.25	-	-	-	-	-	-	3.48	3.74	
Deendayal												
1.	Container	372	-	-	-	-	-	-	-	7.11	7.11	
2.	Break Bulk	373	-	-	-	-	-	-	-	41.79	41.79	
3.	Dry Bulk(M)	84	-	-	-	-	-	-	-	19.62	19.62	
4.	Dry Bulk(C)	641	-	-	-	-	-	-	-	26.71	26.71	
5.	Liquid Bulk	1606	-	-	-	-	-	-	-	55.06	55.06	
	Total	3076	-	-	-	-	-	-	-	40.77	40.77	

(M) Mechanised. (C) Conventional

Source: Major Ports

Table 2.1.26

Average Berth Occupancy For Major-Ports-2007-08 to 2019-20

Port	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
1	2	3	4	5	6	7	8	9	10	11	12	13	14
DEENDAYAL	71.0	66.9	72.0	69.7	70.5	73.6	72.4	75.0	71.2	71.2	71.4	77.9	69.1
MUMBAI	65.4	65.5	50.6	63.9	57.2	50.8	42.1	46.8	46.5	37.6	36.8	36.8	32.2
J.L. NEHRU	66.4	67.7	66.2	73.5	71.4	58.3	57.8	65.7	67.0	66.7	70.4	59.3	50.3
MORMUGAO	73.8	70.2	79.2	79.2	79.2	46.7	30.0	33.5	54.1	64.3	55.0	57.5	84.8
NEW MANGALORE	56.0	54.0	52.0	46.5	48.6	49.1	45.1	36.7	38.5	40.4	44.2	41.0	40.3
COCHIN	66.0	63.5	63.7	70.3	74.9	71.9	58.1	52.0	53.6	45.0	38.8	43.0	58.5
V.O. CHIDAMBARANAR	72.9	70.2	66.9	70.5	84.5	83.0	74.0	69.1	70.1	73.3	61.2	44.9	47.7
CHENNAI	74.0	67.3	63.8	63.6	62.5	57.4	49.5	52.0	48.3	50.6	53.8	53.1	44.6
KAMARAJAR	35.5	47.0	41.2	42.5	33.1	40.0	67.0	73.3	75.9	69.6	54.8	54.8	45.7
VISAKHAPATNAM	73.6	65.9	76.3	73.2	73.6	68.7	61.9	66.2	52.0	54.4	53.8	54.4	57.1
PARADIP	76.6	70.9	77.6	73.6	63.6	66.4	80.0	79.3	66.8	66.5	71.5	68.4	73.4
SMP (HALDIA DOCK COMPLEX)	81.1	83.6	81.2	78.6	70.6	68.0	68.5	65.5	72.9	68.9	73.4	67.4	66.5
SMP (KOLKATA DOCK SYSTEM)	59.2	57.3	70.8	68.3	64.2	64.8	62.0	60.7	59.7	61.2	71.7	71.4	68.9

Source:-Major Ports

Performance of Cargo Handling Equipments of Major Ports -

**Table
2.1.27**

2017-18, 2018-19 & 2019-20

(In Percent)

Sl. No.	Name Of The Port	Equipment	2017-18		2018-19		2019-20	
			% 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	66	27	67	34	-	-
		Mobile Crane	94	49	61	30	-	-
		Forklift Truck	92	51	95	35	-	-
2.	Mumbai	Wharf Crane	73	8	81	6	73	11
		Mobile Crane	62	26	49	5	32	22
		Forklift Truck	60	17	63	10	72	16
3.	Mormugao	Wharf Crane	91	49	97	24	97	30
		Mobile Crane	89	12	93	3	90	10
		Forklift Truck	-	-	96	16	87	15
4.	N.Mangalore	Wharf Crane	-	-	-	-	89	54
		Mobile Crane	95	36	94	33	-	-
		Forklift Truck	75	13	98	3	97	3
5.	Cochin	Wharf Crane	-	-	-	-	-	-
		Mobile Crane	93	8	-	-	-	-
		Forklift Truck	95	27	94	26	93	34
6.	V.O. Chidambaranar	Wharf Crane	96	12	94	8	96	11
		Mobile Crane	96	39	-	-	-	-
		Forklift Truck	-	-	-	-	-	-
7.	Chennai	Wharf Crane	95	2	-	-	-	-
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	-	-	-	-	-	-
8.	Visakhapatnam	Wharf Crane	99	21	16	16	98	8
		Mobile Crane	-	-	-	-	-	-
		Forklift Truck	96	57	-	-	-	-
9.	Paradip	Wharf Crane	-	-	-	-	-	-
		Mobile Crane	100	96	95	95	79	79
		Forklift Truck	-	-	-	-	-	-
10.	SMP Kolkata Dock System	Wharf Crane	100	1	-	-	1	1
		Mobile Crane	96	17	-	-	6	6
		Forklift Truck	99	28	-	-	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 - 2018-19 & 2019-20

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 Syste	2018-19	-	-	-	-	-	-	-	-
	2019-20	-	-	-	-	-	-	-	-
SMP (Haldia Dock Compli	2018-19	-	-	-	-	4	91.3	23.4	21.4
	2019-20	-	-	-	-	4	97.4	25.7	25.0
Paradip	2018-19	-	-	-	-	2	95.3	25.1	23.9
	2019-20	-	-	-	-	3	76.0	29.0	22.0
Visakhapatnam	2018-19	6	92.3	42.7	39.4	10	94.6	63.7	60.3
	2019-20	6	90.0	44.0	39.0	10	95.0	59.0	56.0
Chennai	2018-19	7	92.0	47.0	44.0	22	96.0	55.0	53.0
	2019-20	7	92.0	37.0	34.0	97	97.0	37.0	36.0
V.O. Chidamabaranar	2018-19	3	78.0	53.0	42.0	8	87.0	56.0	49.0
	2019-20	3	79.0	30.0	24.0	8	88.0	20.0	18.0
Cochin	2018-19	4	92.9	51.4	47.8	15	96.5	61.5	59.3
	2019-20	4	93.9	52.2	49.0	15	96.1	68.4	65.8
New Mangalore	2018-19	-	-	-	-	-	-	-	-
	2019-20	-	-	-	-	-	-	-	-
Mormugao	2018-19	-	-	-	-	-	-	-	-
	2019-20	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2018-19	12	97.0	35.6	34.5	27	98.8	38.2	37.7
	2019-20	12	98.7	19.9	19.6	27	99.5	29.1	57.6
Mumbai	2018-19	-	-	-	-	-	-	-	-
	2019-20	-	-	-	-	-	-	-	-
Deendayal	2018-19	2	99.7	7	6.86	2	99.89	-	-
	2019-20	4	98.9	58.19	57.54	4	98.93	65.16	64.46

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

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

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

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

(a) Relates to JNPCTonly.

**Table 2.1.28
(Contd.)**

Availability And Utilisation Of Container Handling Equipments - Major Ports - 2018-19 & 2019-20

PORT	Year	Tractor				Top Lift Trucks			
		No.	% availability	% Utilisation of		No.	% Availability	% Utilisation of	
				Available Hrs.	Possible Hrs.			Available Hrs.	Possible Hrs.
1	2	3	4	5	6	7	8	9	10
SMP (Kolkata Dock System)	2018-19	1	-	-	-	1	-	-	-
	2019-20	1	-	-	-	1	-	-	-
SMP (Haldia Dock Complex)	2018-19	-	-	-	-	-	-	-	-
	2019-20	-	-	-	-	-	-	-	-
Paradip	2018-19	-	-	-	-	-	-	-	-
	2019-20	21	85	-	-	-	-	-	-
Visakhapatnam	2018-19	-	-	-	-	-	-	-	-
	2019-20	-	-	-	-	-	-	-	-
Chennai	2018-19	1	-	-	-	1	-	-	-
	2019-20	1	-	-	-	1	-	-	-
V.O. Chidambaranar	2018-19	12	90.0	39.0	36.0	-	-	-	-
	2019-20	12	90.0	12.0	11.0	-	-	-	-
Cochin	2018-19	-	-	-	-	-	-	-	-
	2019-20	-	-	-	-	-	-	-	-
New Mangalore	2018-19	-	-	-	-	-	-	-	-
	2019-20	-	-	-	-	-	-	-	-
Mormugao	2018-19	-	-	-	-	-	-	-	-
	2019-20	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2018-19	-	-	-	-	-	-	-	-
	2019-20	-	-	-	-	-	-	-	-
Mumbai	2018-19	-	-	-	-	-	-	-	-
	2019-20	-	-	-	-	-	-	-	-
Deendayal	2018-19	-	-	-	-	-	-	-	-
	2019-20	26	-	-	-	-	-	-	-

(a) :Relates to JNPT only.

**Table 2.1.28
(Contd.)**

Availability And Utilisation Of Container Handling Equipments - Major Ports - 2018-19 & 2019-20

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 Syste	2018-19	-	-	-	-	-	-	-	-
	2019-20	-	-	-	-	-	-	-	-
SMP (Haldia Dock Compl	2018-19	2	90.9	51.5	46.8	-	-	-	-
	2019-20	2	96.9	49.5	48.0	-	-	-	-
Paradip	2018-19	-	-	-	-	-	-	-	-
	2019-20	-	-	-	-	-	-	-	-
Visakhapatnam	2018-19	-	-	-	-	1	99	7	7
	2019-20	-	-	-	-	1	99	7	7
Chennai	2018-19	-	-	-	-	-	-	-	-
	2019-20	-	-	-	-	-	-	-	-
V.O. Chidamabaranar	2018-19	-	-	-	-	-	-	-	-
	2019-20	-	-	-	-	-	-	-	-
Cochin	2018-19	-	-	-	-	-	-	-	-
	2019-20	-	-	-	-	-	-	-	-
New Mangalore	2018-19	-	-	-	-	-	-	-	-
	2019-20	-	-	-	-	-	-	-	-
Mormugao	2018-19	-	-	-	-	-	-	-	-
	2019-20	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2018-19	5	94.3	51.1	48.2	-	-	-	-
	2019-20	5	94.3	51.1	48.2	-	-	-	-
Mumbai	2018-19	-	-	-	-	-	-	-	-
	2019-20	-	-	-	-	-	-	-	-
Deendayal	2018-19	-	-	-	-	-	-	-	-
	2019-20	-	-	-	-	-	-	-	-

(a) :Relates to JNPCT.

**Table 2.1.28
(Contd.)**

Availability And Utilisation Of Container Handling Equipments - Major Ports - 2018-19 & 2019-20

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 Syste	2018-19	4	-	-	-	1	-	-	-
	2019-20	4	-	-	-	1	-	-	-
SMP (Haldia Dock Compli	2018-19	-	-	-	-	-	-	-	-
	2019-20	-	-	-	-	-	-	-	-
Paradip	2018-19	-	-	-	-	-	-	-	-
	2019-20	7	87	-	-	1	85	9	7
Visakhapatnam	2018-19	2	-	-	-	5	97.0	8.6	8.3
	2019-20	2	-	-	-	5	90.0	55.0	50.0
Chennai	2018-19	4	-	-	-	1	-	-	-
	2019-20	4	-	-	-	1	-	-	-
V.O. Chidamabaranar	2018-19	-	-	-	-	-	-	-	-
	2019-20	-	-	-	-	-	-	-	-
Cochin	2018-19	2	97.4	0.4	43.0	3	98.8	30.0	29.7
	2019-20	-	98.8	33.1	32.7	2	97.9	32.6	32.9
New Mangalore	2018-19	1	75.0	16.8	12.6	5	91.7	68.1	62.4
	2019-20	-	-	-	-	5	95.8	36.6	35.1
Mormugao	2018-19	-	-	-	-	-	-	-	-
	2019-20	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2018-19	-	-	-	-	-	-	-	-
	2019-20	-	-	-	-	-	-	-	-
Mumbai	2018-19	-	-	-	-	-	-	-	-
	2019-20	-	-	-	-	-	-	-	-
Deendayal	2018-19	-	-	-	-	-	-	-	-
	2019-20	2	-	-	-	6	-	-	-

(a) Relates to JNPCT.
Source: Major Ports

Table 2.1.29

Container Handling Rate - Major Ports -2018-19 & 2019-20

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)	2018-19	-	-	-	-	-	-	-	-	-
	2019-20	-	-	-	-	-	-	-	-	-
SMP (Haldia Dock Complex)	2018-19	-	-	-	40.4	13.0	21.8	73.1	5.0	18.7
	2019-20	-	-	-	41.8	12.4	21.3	73.4	4.8	18.2
Paradip	2018-19	-	-	-	-	-	-	0.0	8.6	8.6
	2019-20	-	-	-	-	-	-	7.9	22.5	24.5
Vishakhapatnam	2018-19	57.3	7.7	18.0	-	-	-	36.3	6.6	10.4
	2019-20	56.2	8.7	19.7	38.2	13.1	21.2	21.6	7.9	10.0
Chennai(CITPL)	2018-19	0.0	51.8	51.8	-	-	-	0.0	21.0	21.0
	2019-20	0.0	23.4	23.4	-	-	-	0.0	13.0	13.0
V.O. Chidamabaranar	2018-19	1.5	20.7	21.0	-	-	-	1.3	12.6	12.8
	2019-20	1.0	20.8	21.1	-	-	-	0.8	13.9	14.0
Cochin	2018-19	88.0	27.9	27.9	-	-	-	55.1	10.9	10.9
	2019-20	104.0	28.7	28.7	-	-	-	52.0	10.1	10.1
New Mangalore	2018-19	-	-	-	-	-	-	-	-	-
	2019-20	-	-	-	-	-	-	-	-	-
Mormugao	2018-19	-	-	-	-	-	-	-	-	-
	2019-20	-	-	-	-	-	-	-	-	-
J.L.Nehru(a)	2018-19	57.7	9.9	23.4	48.9	3.3	6.4	99.4	5.1	5.1
	2019-20	73.4	6.8	25.5	42.4	2.5	4.3	70.9	4.2	14.6
Mumbai	2018-19	-	-	-	-	-	-	-	-	-
	2019-20	-	-	-	-	-	-	-	-	-
Deendayal	2018-19	-	-	-	-	-	-	-	-	-
	2019-20	0.0	22.2	22.2	-	-	-	0.0	10.6	10.6

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 -2019-20

(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.	-	-	-	-	-	-	54.81
SMP (HDC)	Cap.	0.00	0.00	0.00	0.00	0.00	0.00	51.00
	% Util.	-	-	-	-	-	-	91.53
PPT	Cap.	0.00	0.00	0.00	0.00	0.00	0.00	249.00
	% Util.	-	-	-	-	-	-	45.26
VPT	Cap.	0.00	0.00	0.00	0.00	0.00	0.00	134.18
	% Util.	-	-	-	-	-	-	54.20
KPL(a)	Cap.	0.00	0.00	0.00	0.00	0.00	0.00	91.00
	% Util.	-	-	-	-	-	-	34.89
ChPT	Cap.	0.00	0.00	0.00	0.00	0.00	0.00	135.00
	% Util.	-	-	-	-	-	-	34.64
VOC	Cap.	0.00	0.00	0.00	0.00	0.00	0.00	111.46
	% Util.	-	-	-	-	-	-	32.37
CoPT	Cap.	0.00	0.00	0.00	0.00	0.00	0.00	78.60
	% Util.	-	-	-	-	-	-	43.31
NMPT	Cap.	0.00	0.00	0.00	0.00	0.00	0.00	104.73
	% Util.	-	-	-	-	-	-	37.38
MoPT	Cap.	0.00	0.00	0.00	0.00	0.00	0.00	63.40
	% Util.	-	-	-	-	-	-	25.26
JNPT	Cap.	0.00	0.00	0.00	0.00	0.00	0.00	138.87
	% Util.	-	-	-	-	-	-	49.29
MbPT	Cap.	0.00	0.00	0.00	0.00	0.00	0.00	79.00
	% Util.	-	-	-	-	-	-	76.83
DPT	Cap.	0.00	0.00	0.00	0.00	0.00	0.00	267.10
	% Util.	-	-	-	-	-	-	45.90
ALL PORTS	Cap.	0.00	0.00	0.00	0.00	0.00	0.00	1534.91
	% Util.	-	-	-	-	-	-	45.93

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

Table 2.1.31**Employment At Major Ports (As on 31st March, 2020)**

(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	82	56	996	609	0	144	0	87	0	1974
MbPT	314	23	2814	1275	0	351	830	822	0	6429
JNPT	178	48	316	82	103	746	0	0	0	1473
MoPT(a)	87	73	780	211	0	262	104	0	0	1517
NMPT (b)	64	75	316	52	0	63	41	15	0	626
CoPT	106	87	870	83	0	202	46	0	0	1394
VOC	69	43	265	81	0	144	89	0	0	691
ChPT	113	95	1278	916	670	351	303	227	0	3953
KPL*	66	0	36	0	0	0	0	0	0	102
VPT	127	87	426	195	529	979	179	0	0	2522
PPT	102	54	415	82	0	8	79	0	18	758
SMP KDS	377	85	1409	208	0	150	0	227	0	2456
SMP HDC	170	60	205	84	0	477	256	0	0	1252
Total	1855	786	10126	3878	1302	3877	1927	1378	18	25147

* Class I, II executives included, Class III &

(a) Includes CHL, erstwhile MDLB

The cargo handling workers of Port are under "New Mangalore Port cargo handling workers (Regulation of Employment) Scheme, 1996"

Source: Major Port

Table 2.1.32**Employment At Dock Labour Boards of Major Ports (As on 31st March, 2020)**

(In Numbers)

Port	Number of DLB Employees					Number of Dock Workers				Grand Total
	Class I	Class II	Class III	Class IV	Total	Registered	Listed	Others	Total	
1	2	3	4	5	6	7	8	9	10	11
DPT	0	1	14	15	30	335	-	-	335	365
VPT	3	1	43	22	69	-	-	559	559	628
KDS	2	10	13	0	25	46	0	0	46	71
MbPT	BDLB merged with Mumbai Port Trust									
All DLBs	5	12	70	37	124	381	0	559	940	1064

**Table
2.1.33**

Mandays Employed and Mandays Lost at Major Ports : 2017-2020 (31st March)

Port	2017		2018		2019		2020	
	Mandays		Mandays		Mandays		Mandays	
	Employed(a)	Lost(b)	Employed(a)	Lost(b)	Employed(	Lost(b)	Employe	Lost(b)
1	6	7	8	9	8	9	8	9
DPT	1002	0.0	944	0.0	893	0.0	854	0
MbPT	3447	0.5	3150	0.0	2752	0.0	2347	0
MoPT	584	0.0	631	0.0	589	0.0	554	0
NMPT	346	0.0	295	0.0	267	0.0	228	0
CoPT	691	2.6	629	0.0	575	1.0	509	1
VOC	365	0.0	320	0.0	283	0.0	252	0
KPL	38	0.0	38	0.0	39	0.0	37	0
ChPT	1678	0.0	1583	0.0	1506	0.0	1443	0
VPT	1342	0.3	1283	0.0	1222	0.3	1150	0
PPT	446	1.2	368	0.0	332	0.0	277	0
SMP KDS	1250	0.0	1132	0.0	910	0.0	922	0
SMP HDC	734	0.1	639	0.0	539	0.1	457	0
JNPT	589	0.0	572	0.0	555	0.8	538	0
TOTAL	12861	0.4	11581	0.0	10571	0.1	9567	0.7

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 2019-20**(Rs. Crore)**

S.No.	Port	Capital Employed
1	2	3
1	DEENDAYAL	2243.90
2	MUMBAI	-414.35
3	J. L. NEHRU	3985.32
4	MORMUGAO	443.55
5	NEW MANGALORE	885.03
6	COCHIN	-127.55
7	V.O.CHIDAMABARNAR	1314.37
8	CHENNAI	496.53
9	KAMARAJAR	2741.06
10	VISAKHAPATNAM	1778.97
11	PARADIP	2832.46
12	HALDIA DOCK COMPLEX	3085.30
13	KOLKATA DOCK SYSTEM	1741.14

Source: Major Ports

Table 2.1.35

Operating Expenditure Under Various Heads - Major Ports - 2018-19 & 2019-20

(Rs. Crore)

Port	Salaries & Wages		Stores		Office & Administrative Security & Medical		Depreciation		Operation & Maintenance		Other Exp		Total	
	2018-19	2019-20	2018-19	2019-20	2018-19	2019-20	2018-19	2019-20	2018-19	2019-20	2018-19	2019-20	2018-19	2019-20
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SMP Kolkata	507.61 (30.8)	508.65 (30.9)	7.18 (.44)	11.36 (.69)	172.65 (10.48)	195.25 (11.85)	45.79 (2.78)	48.30 (2.93)	881.57 (53.5)	849.34 (51.55)	36.31 (2.2)	34.82 (2.11)	1651.11 (100.)	1647.72 (100.)
SMP HDC	225.86 (22.81)	210.72 (21.28)	5.08 (.51)	9.38 (.95)	69.00 (6.97)	77.40 (7.82)	27.35 (2.76)	26.73 (2.7)	675.35 (68.19)	643.83 (65.01)	23.15 (2.34)	22.28 (2.25)	1025.79 (100.)	990.34 (100.)
Paradip	136.70 (20.5)	106.29 (15.94)	40.92 (6.14)	43.78 (6.56)	61.11 (9.16)	64.09 (9.61)	63.96 (9.59)	65.55 (9.83)	269.36 (40.39)	295.94 (44.37)	88.12 (13.21)	91.27 (13.69)	660.17 (100.)	666.92 (100.)
Visakhapatnam	316.53 (48.55)	324.08 (49.7)	45.34 (6.95)	52.20 (8.01)	59.67 (9.15)	80.19 (12.3)	58.38 (8.95)	59.01 (9.05)	61.98 (9.51)	53.88 (8.26)	49.11 (7.53)	82.66 (12.68)	591.01 (100.)	652.02 (100.)
Chennai	394.67 (68.26)	404.44 (69.95)	19.21 (3.32)	14.19 (2.45)	62.51 (10.81)	68.78 (11.9)	25.49 (4.41)	26.13 (4.52)	35.51 (6.14)	38.78 (6.71)	25.94 (4.49)	25.90 (4.48)	563.33 (100.)	578.22 (100.)
V.O.Chidambaranar	90.73 (35.71)	85.51 (33.65)	9.70 (3.82)	11.98 (4.71)	31.42 (12.37)	31.06 (12.22)	31.12 (12.25)	31.08 (12.23)	51.10 (20.11)	36.39 (14.32)	53.09 (20.89)	58.08 (22.86)	267.16 (100.)	254.10 (100.)
Cochin	161.98 (45.51)	150.34 (42.24)	17.46 (4.91)	16.09 (4.52)	28.57 (8.03)	28.82 (8.1)	19.62 (5.51)	18.67 (5.25)	122.56 (34.44)	115.19 (32.37)	24.48 (6.88)	26.78 (7.52)	374.67 (100.)	355.89 (100.)
New Mangalore	87.56 (32.09)	73.65 (26.99)	19.38 (7.1)	19.67 (7.21)	52.70 (19.31)	50.62 (18.55)	37.65 (13.8)	44.16 (16.18)	77.83 (28.52)	83.70 (30.68)	3.08 (1.13)	1.06 (.39)	278.20 (100.)	272.86 (100.)
Mormugao	136.43 (55.39)	137.24 (55.72)	15.88 (6.45)	13.04 (5.29)	25.71 (10.44)	24.46 (9.93)	17.93 (7.3)	19.75 (8.0)	59.73 (24.25)	47.80 (19.41)	4.05 (1.64)	4.03 (1.64)	259.73 (100.)	246.32 (100.)
Mumbai	859.01 (71.25)	816.52 (67.72)	28.66 (2.38)	28.29 (2.35)	107.31 (8.9)	112.54 (9.33)	57.85 (4.8)	54.40 (4.51)	144.81 (12.01)	171.67 (14.24)	23.62 (1.96)	22.28 (1.85)	1221.26 (100.)	1205.70 (100.)
J. L. Nehru	234.59 (26.99)	233.46 (26.86)	11.95 (1.37)	11.81 (1.36)	101.97 (11.73)	110.01 (12.66)	78.72 (9.06)	79.94 (9.2)	187.18 (21.54)	192.91 (22.2)	149.30 (17.18)	241.00 (27.73)	763.71 (100.)	869.13 (100.)
Deendayal	262.97 (43.98)	261.10 (43.67)	5.28 (.88)	4.60 (.77)	61.74 (10.33)	66.94 (11.2)	96.89 (16.21)	104.77 (17.52)	264.11 (44.17)	147.34 (24.64)	14.41 (2.41)	13.13 (2.2)	705.40 (100.)	597.88 (100.)
Kamarjar	18.98 (9.99)	19.84 (10.45)	0.00 (.)	0.00 (.)	33.43 (17.6)	36.37 (19.15)	46.68 (24.58)	52.13 (27.45)	82.55 (43.46)	80.56 (42.42)	0.13 (.07)	1.03 (.54)	181.77 (100.)	189.93 (100.)
Total	3433.62 (40.27)	3331.84 (39.07)	226.04 (2.65)	236.39 (2.77)	867.79 (10.18)	946.53 (11.1)	607.43 (7.12)	630.62 (7.4)	2913.64 (34.17)	2757.33 (32.34)	494.79 (5.8)	624.32 (7.32)	8543.31 (100.00)	8527.03 (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 : 2017-18, 2018-19 & 2019-20**

(Rs.)

Port	Operating Income			Operating Expenditure			Surplus/Deficit Per Tonne		
	2017-18	2018-19	2019-20	2017-18	2018-19	2019-20	2017-18	2018-19	2019-20
1	2	3	4	5	6	7	9	10	10
DEENDAYAL	134.00	143.63	128.07	61.58	61.13	58.24	72.42	82.50	69.83
MUMBAI	248.08	247.06	273.88	194.89	201.42	198.65	53.18	45.64	75.23
J. L. NEHRU	286.48	281.30	277.52	113.82	108.01	126.97	172.66	173.29	150.55
MORMUGAO	135.54	216.41	269.20	101.81	146.88	153.79	33.72	69.53	115.41
V.O.CHIDAMBARANAR	114.75	151.38	161.57	65.44	78.48	70.43	49.30	72.91	91.14
CHENNAI	147.33	152.62	168.43	103.01	106.26	123.66	44.32	46.36	44.77
KAMARAJAR	207.25	205.22	221.50	51.70	52.69	59.83	155.55	152.53	161.67
VISAKHAPATNAM	150.87	182.92	193.17	87.43	87.38	89.66	63.44	95.54	103.51
PARADIP	130.06	130.85	138.72	63.64	60.40	59.18	66.43	70.45	79.54
SMP (HALDIA DOCK COMPLEX)	370.10	357.44	347.62	238.29	224.45	209.19	131.81	132.99	138.44
SMP (KOLKATA DOCK SYSTEM)	468.54	502.69	380.84	326.17	343.01	362.97	142.37	159.68	17.88
All Major Ports	184.86	197.42	200.13	106.79	107.26	107.95	78.07	90.16	92.18

Table 2.2.1

Traffic Handled at Non-Major Ports (State-wise & Port-wise) - 2017-18, 2018-2019 & 2019-20

('000 Tonnes)

States/U.T.	2017-18						2018-19						2019-20					
	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	3460	1691	5151	8	89	97	649	697	1346	5	493	498	920	1067	1987	3	251	254
Bhavnagar	2101	110	2211	0	22	22	2872	59	2931	0	190	190	2443	0	2443	29	0	29
Dahej	27593	750	28343	2669	163	2832	29964	769	30733	3069	253	3322	28798	225	29022	3249	230	3479
GAPL	81785	29878	111663	3281	818	4099	91782	33453	125235	2543	2354	4897	94049	35703	129752	1677	892	2569
GPPL	5984	2759	8743	0	0	0	6771	3365	10136	122	129	251	7076	3033	10109	264	260	524
Jafrabad	1812	1153	2965	0	2616	2616	2067	1120	3187	0	2809	2809	2053	1007	3060	0	2905	2905
Magdalla	10647	1485	12132	15062	2616	17678	12660	1495	14155	16079	2825	18904	12511	1709	14220	17324	2918	20242
Mul-Dwarka	523	0	523	94	2849	2943	617	0	617	52	2858	2910	694	0	694	178	2989	3167
Navalakh	7310	1314	8624	68	0	68	10413	1411	11823	32	0	32	9344	853	10197	50	0	50
Okha	1290	557	1847	10	2140	2150	2013	827	2840	22	1876	1898	2401	0	2401	0	1667	1667
Porbandar	1171	574	1745	6	190	196	1398	396	1794	0	77	77	1703	198	1901	0	114	114
Sikka	77685	42757	120442	341	8667	9008	74150	41472	115622	2472	9997	12469	79955	43456	123411	979	9751	10730
HPPL	3038	0	3038	0	0	0	4026	0	4026	0	0	0	4866	0	4866	0	0	0
Mundra (Old)	12	57	69	0	0	0	6	134	140	0	0	0	1	134	136	0	0	0
Jakhau	170	2158	2328	44	347	391	761	2423	3184	0	312	312	541	2381	2922	0	168	168
Salaya	110	0	110	33	0	33	1979	0	1979	0	0	0	5915	0	5915	0	0	0
Alang	2433	0	2433	0	0	0	1773	0	1773	0	0	0	1623	0	1623	0	0	0
AHPPL	12060	3792	15852	0	417	417	13080	5312	18392	0	715	715	14809	5439	20248	318	668	986
TOTAL	239184	89035	328219	21616	20934	42550	256981	92932	349913	24396	24888	49284	269702	95205	364907	24071	22813	46884
MAHARASHTRA																		
Dabhol	2478	0	2478	0	0	0	2655	0	2655	0	0	0	3779	0	3779	0	0	0
Dahanu	0	0	0	421	0	421	0	0	0	352	0	352	921	0	921	0	0	0
Dharamtar	5263	3	5266	9559	40	9600	4801	0	4801	11579	177	11756	5189	0	5189	12114	10	12124
Ratnagiri	571	0	571	194	0	194	435	0	435	164	0	164	472	0	472	147	0	147
Revdanda	1418	25	1443	403	131	534	885	60	945	425	128	553	1181	0	1181	442	171	613
Ulwa-Belapur	0	0	0	1628	72	1700	0	0	0	1596	158	1754	0	0	0	1711	71	1782
Jaigad	9084	144	9229	0	4518	4518	12321	570	12891	42	7502	7544	9744	736	10481	461	4483	4944
Redi	0	659	659	0	0	0	498	498	0.75	0	1	0	1061	0	1061	0	0	0
Dighi (Rajpuri)	210	0	210	722	0	722	157	0	157	774	16	790	156	1	156	513	0	513
Kelshi	0	0	0	0	192	192	0	0	0	0	366	366	0	0	0	0	107	107
Trombay	0	0	0	0	10	10	0	0	0	2	2	4	0	0	0	0	1	1
Bankot	0	106	106	0	53	53	53.75	52.022	106	0	0	0	0	105	105	0	0	0
Bhiwandi	0	0	0	0	0	1	0	0	0	3	0	3	0	0	0	2	5	6
Vijaydurg	0	0	0	0	0	0	0	14	14	0	0	0	0	6	6	0	2	2
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	0	0	0	0	0	0	25	0	25
Vasai	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	0	48
TOTAL	19024	938	19962	12928	5017	17944	21307	1194	22501	14937	8348	23285	21442	1908	23350	15462	4849	20311
GOA																		
Panaji	0	0	0	10	62	72	0	0	0	3	12	15	0	0	0	0	8	8
TOTAL	0	0	0	10	62	72	0	0	0	3	12	15	0	0	0	0	8	8

Table 2.2.1 (contd...) Traffic Handled at Non-Major Ports (State-wise & Port-wise) - 2017-18, 2018-2019 & 2019-20

(’000 Tonnes)

States/U.T.	2017-18						2018-19						2019-20					
	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	1956	1956	0	51	51	0	1624	1624	0	22	22	0	1149	1149	0	19	19
Deep Water Port	8278	3459	11737	454	64	518	11673	3069	14741	650	740	1390	10106	2767	12873	705	1789	2494
Rawa	0	0	0	0	970	970	0	0	0	0	816	816	0	0	0	0	736	736
Krishnapatnam	31993	6901	38893	6339	32	6371	36415	8093	44509	9454	408	9862	28658	7363	36022	10463	1659	12122
Gangavaram	21195	1291	22486	679	2625	3304	25302	1984	27286	711	2373	3084	26806	5026	31832	147	2510	2657
TOTAL	61466	13606	75072	7472	3741	11213	73390	14770	88160	10816	4358	15174	65571	16306	81876	11315	6714	18028
KARNATAKA																		
Karwar	319	0	319	280	0	280	349	156	504	413	28	442	569	26	596	251	14	265
Old Mangalore	0	0	0	1	79	80	0	0	0	2	96	98	0	0	0	1	74	74
Malpe	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Hangarkatta	0	0.044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kundapur	0	0	0	0.152	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	319	0	319	281	80	361	349	156	504	416	124	540	569	26	596	252	88	339
KERALA																		
Kozikode/Beyapore	0	0	0	12	120	132	0	0	0	36	118	154	0	0	0	12	116	128
Kovalam/Vizhinjam	0	5	5	0	0	0	0	4	4	51	0	51	0	0	0	24	0	24
Azhikkal	0	0	0	0	0	0	2	0	2	5	1	6	1	0	1	1	0	1
Kollam	0	1	1	0	0	0	0	0	0	1	4	5	0	0	0	0	2	2
TOTAL	0	6	6	12	120	132	2	4	6	93	122	216	1	0	1	37	118	155
TAMIL NADU																		
Ennore	32	0	32	0	0	0	48	0	48	0	0	0	44	0	44	0	0	0
Kattupali	100	123	223	109	7	116	257	32	288	6	0	7	4254	6595	10849	36	41	77
Nagapattinam	0	0	0	79	365	444	43	0	43	0	290	290	36	0	36	4	44	48
Thrukkadaiyur	0	0	0	4	0	4	0	0	0	2	0	2	0	0	0	32	0	32
Cuddalore	283	0	283	0	2	2	281	0	281	0	1	1	276	0	276	2	0	2
Kuddankulam	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	5	0	5
TOTAL	414	123	537	193	374	566	628	32	660	9	291	300	4611	6595	11206	78	85	164
PUDUCHERRY																		
Karaikal	7259	689.06	7948	156	1	158	6492	55	6547	1390	415	1805	7765	3	7768	1679	641	2319
Champlast sanmar	16	0	16	0	0	0	18	0	18	0	0	0	14	0	14	0	0	0
TOTAL	7275	689	7964	156	1	158	6510	55	6565	1390	415	1805	7778	3	7782	1679	641	2319
ODISHA																		
Dhamra	14410	3180	17590	0	3860	3860	12764	3924	16688	0	3986	3986	18807	7553	26360	0	3350	3350
Gopalpur	560	443	1004	104	38	142	815	408	1223	193	96	288	2053	2891	4944	295	320	615
TOTAL	14970	3623	18594	104	3898	4002	13579	4332	17911	193	4082	4275	20860	10444	31304	295	3670	3965
SEA ISLANDS																		
Andaman Nicobar	138	0	138	973	306	1280	67	0	67	1106	321	1427	56	0	56	1454	340	1794
Lakshadweep	-	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0
TOTAL	138	0	138	973	306	1280	67	0	67	1106	321	1427	56	0	56	1454	340	1794
All States TOTAL	342791	108020	450811	43744	34534	78278	372814	113474	486288	53358	42962	96321	390590	130487	521078	54642	39326	93969

Note : The cargo data of GAPL , GPPL, HPPL & AHPPL , include containers.

Source : State / UT Maritime Boards

Table 2.2.2

Traffic Handled at Non-Major Ports (State-wise & Principal Commodity-wise) - 2017-18, 2018-19 & 2019-20

('000 Tonnes)

	2017-18						2018-19						2019-20					
	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	122667	44495	167162	9092	12211	21303	119445	42053	161497	9882	15355	25237	126966	43638	170604	7351	12746	20097
Coal	64608	1054	65662	116	184	300	75764	397	76161	76	535	611	77223	413	77636	84	254	338
Building Material	1108	1569	2677	1781	6052	7833	1189	1429	2618	1841	6077	7918	1332	1141	2473	1758	5977	7735
Fertiliser & FRM	5111.5	363	5475	0	0	0	7169	25	7194	0	0	0	7422	730	8152	0	0	0
Chemicals	0	114	114	90	38.27	128	0	112	112	71	20	91	0	0	0	0	0	0
Iron Ore	1047	109	1156	10428	0	10428	2261	496	2757	11145	117	11262	1248	384	1631	12963	402	13365
Iron & Steel	3919	1768	5687	46	1966	2012	1118	969	2087	62	1950	2012	1113	559	1672	0	134	134
Other Ore	0	776	776	0	0	0	0	1085	1085	0	13	13	0	0	0	0	0	0
Foodgrains	132	55	187	0	0	0	16	151	167	0	0	0	440	114	554	0	0	0
Salt	0	4245	4245	37	67	104	0	4968	4968	0	104	104	0	4777	4777	0	64	64
Containers	33027	33285	66312	0	0	0	37217	37523	74740	122	123	245	39367	39344	78711	264	260	524
Others	7564	1202	8766	26	416	442	12802	3725	16527	1197	594	1791	14592	4106	18697	1651	2976	4627
Total	239184	89035	328219	21616	20934	42550	256981	92932	349913	24396	24888	49284	269702	95205	364907	24071	22813	46884
MAHARASHTRA																		
Iron Ore	3466	659	4125	6790	2463	9253	4459	498	4957	7996	4700	12696	366	1061	1427	7557	564	8121
Iron & Steel	0	60	60	1005	42	1048	67	0	67	661	11	672	12	0	12	1282	18	1300
POL & other Products	2528	0	2528	0	0	0	2655	0	2655	0	0	0	3779	0	3779	0	0	0
Building Material	196.8	0	197	1928	0	1928	172	0	172	2010	148	2157	388	0	388	1965	56	2021
Coal	10427	0	10427	2944	2111	5055	11708	60	11768	4027	2954	6981	14194	0	14194	4057	4002	8059
Fertiliser & FRM	754	0	754	58	58	116	281	0	281	119	125	244	443	0	443	434	76	510
Chemicals	217	0	217	0	0	0	153	0	153	9	0	9	0	0	0	0	0	0
Containers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	1435	219	1654	202	343	544	1811	636	2447	115	410	525	2261	847	3108	168	134	301
Total	19024	938	19962	12928	5017	17944	21307	1194	22501	14937	8348	23286	21442	1908	23350	15462	4849	20311
GOA																		
Iron Ore	0	0	0	10	62	72	0	0	0	0	0	0	0	0	0	0	2	2
Containers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0	0	0	3	12	15	0	0	0	0	6	6
Total	0	0	0	10	62	72	0	0	0	3	12	15	0	0	0	0	8	8

Table 2.2.2 (Contd...)

Traffic Handled at Non-Major Ports (State-wise & Principal Commodity-wise) - 2017-18, 2018-19 & 2019-20

('000 Tonnes)

Commodity	2017-18						2018-19						2019-20					
	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	0	0	0	61	363	424	281	0	281	3	290	293	433	0	433	32	44	76
Edible Oil	0	0	0	23	0	23	43	0	43	0	0	0	36	0	36	4	0	4
Fertiliser & FRM	32	0	32	0	0	0	109	0	109	0	0	0	44	0	44	0	0	0
Iron & Steel	96	92	188	109	0	109	78	0	78	5	0.455	6	0	118	118	0	14	14
Containers	0	0	0	0	0	0	0	0	0	0	0	0	3693	6380	10073	35	25	60
Others	287	31	318	0	11	11	117	32	149	1	0	1	404	98	502	7	3	10
Total	414	123	537	192	374	567	628	32	660	9	291	300	4611	6595	11206	78	85	164
KERALA																		
POL & other Products	0	0	0	1	21	22	0	0	0	0	21	21	0	0	0	0	23	23
Containers	0	0	0	0	0	0	0	0	0	26	2	27	0	0	0	0	0	0
Others	0	6	6	11	99	110	2	4	6	68	100	168	1	0	1	37	95	132
Total	0	6	6	12	120	132	2	4	6	93	122	216	1	0	1	37	118	155
PUDUCHERRY																		
POL & Other Prdct	0	0	0	156	0	156.12	0	0	0	0	0	0	0	0	0	0	385	385
Bldg. Material	133	689	822	0	0	0	0	55	55	0	415	415	105	3	108	0	256	256
Coal	6094	0	6094	0	0	0	5334	0	5334	1005	0	1005	6456	0	6456	1406	0	1406
Fertiliser & FRM	62	0	62	0	0	0	350	0	350	0	0	0	295	0	295	0	0	0
Iron Ore	696	0	696	0	0	0	55	0	55	385	0	385	0	0	0	273	0	273
Containers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	289	0	289	0	1.47	0	772	0	772	0	0	0	922	0	922	0	0	0
Total	7275	689	7964	156	1	158	6510	55	6565	1390	415	1805	7778	3	7782	1679	641	2319
A & N ISLANDS																		
POL & other Products	10.4	0	10.4	184	2	185	11	0	11	190	2	192	11	0	11	187	1	188
Bldg. Material	0	0	0	224	100	324	0	0	0	219	111	329	0	0	0	466	123	590
Foodgrains	0	0	0	14	2	17	0	0	0	7	3	10	0	0	0	5	4	9
Containers	0	0	0	388	98	486	0	0	0	478	141	619	0	0	0	546	152	698
Others	128	0	128	163	104	267	56	0	56	212	65	277	45	0	45	250	60	309
Total	138	0	138	973	306	1279	67	0	67	1106	321	1427	56	0	56	1454	340	1794
LAKSHADWEEP																		
Others	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANDHRA PRADESH																		
POL & other Products	0	45	45	435	970	1405	2	6	8	573	816	1389	0	1	1	670	736	1406
Fertiliser & FRM	5106	0	5106	0	0	0	7486	0	7486	0	0	0	6131	0	6131	0	20	20
Edible Oil	2434	0	2434	0	1.48	1.48	1415	0	1415	0	0	0	2445	0	2445	0	0	0
Coal	38989	0	38989	6243	30	6273	45837	72	45909	9689	714	10403	44286	30	44316	9302	1417	10719
Bldg. Material	0	1631	1631	0	100	100	0	2113	2113	0	276	276	60	329	388	0	746	746
Chemicals	323	0	323	9.974	0	9.974	47	0	47	0	0	0	0	0	0	0	0	0
Iron ore	2999	204	3203	535	2211	2746	5282	445	5727	273	2130	2403	100	3523	3623	109	1689	1798
Food Grain	0	2197	2197	0	0	0	0	1624	1624	0	0	0	0	1149	1149	0	0	0
Containers	2755	5023	7778	0	13	13	3216	5519	8735	12	87	100	2413	4453	6865	1179	1312	2491
Others	8860	4506	13366	250	415	665	10105	4990	15095	268	336	603	10135	6822	16957	55	794	850
Total	61466	13606	75072	7472	3741	11213	73390	14770	88160	10816	4358	15174	65571	16306	81876	11315	6714	18028

Table 2.2.2

Traffic Handled at Non-Major Ports (State-wise & Principal Commodity-wise) - 2017-18, 2018-19 & 2019-20

('000 Tonnes)

Commodity	2017-18						2018-19						2019-20					
	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	36	0	36	0	0	0	49	0	49	0	0	0	54	0	54	0	0	0
Salt	0	0	0	98	0	98	0	0	0	0	0	0	0	0	0	0	0	0
POL & other Products	0	0	0	182	0	182	1	0	1	163	0	163	0	0	0	156	0	156
Bldg. Material	0	0	0	0	44	44	0	0	0	0	44	44	0	0	0	0	33	33
Containers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	284	0	284	1	36	38	299	156	454	253	80	332	515	26	542	96	55	151
Total	319	0	319	281	80	361	349	156	504	416	124	540	569	26	596	252	88	339
ODISHA																		
Fertiliser & FRM	134	0	134	0	0	0	510	0	510	0	0	0	311	0	311	0	0	0
Iron ore	0	2898	2898	0	2018	2018	0	2881	2881	0	1698	1698	0	6884	6884	0	2844	2844
Coal	11980	0	11980	0	1880	1880	10698	0	10698	0	2226	2226	14625	0	14625	0	776	776
Containers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	2857	725	3582	104	0	104	2371	1451	3822	193	158	350	5924	3560	9484	295	49	344
Total	14971	3623	18594	104	3898	4002	13579	4332	17911	193	4082	4275	20860	10444	31304	295	3670	3965
ALL STATES																		
POL & other Pdcts	125205	44540	169745	10110	13567	23677	122394.01	42059	164453	10812	16483	27295	131189	43639	174828	8395	13934	22330
Coal	132097	1054	133151	9302	4206	13508	149341	529	149870	14797	6429	21226	156784	443	157227	14849	6449	21297
Building Material	1438	3888	5326	3933	6295	10229	1361	3597	4958	4070	7070	11140	1884	1473	3357	4189	7190	11380
Fertiliser & FRM	11235	363	11598	58	58	116	15955	25	15980	119	125	244	14699	730	15429	434	96	530
Chemicals	540	114	654	100	38.27	138	201	112	313	80	20	99.78	0	0	0	0	0	0
Iron Ore	8208	3870	12078	17764	6754	24517	12057	4320	16376	19799	8645	28444	1715	11851	13565	20901	5502	26403
Iron & Steel	4015	1919	5935	1160	2008	3168	1263	969	2232	728	1962	2690	1125	677	1802	1282	166	1448
Other Ore	0	776	776	0	0	0	0	1085	1085	0	13	13	0	0	0	0	0	0
Salt	0	4245	4245	135	67	202	0	4968	4968	0	104	104	0	4777	4777	0	64	64
Edible Oil	2434	0	2434	23	1.48	24	1458	0	1458	0	0	0	2481	0	2481	4	0	4
Foodgrains	132	2253	2385	14	2	17	16	1775	1791	7	3	10	440	1263	1703	5	4	9
Containers	35782	38308	74090	388	111	499	40433	43042	83476	638	353	991	45472	50177	95649	2023	1749	3773
Others	21703	6690	28393	756	1426	2181	28335	10994	39329	2308	1754	4063	34799	15459	50258	2560	4172	6732
Total	342791	108020	450811	43744	34535	78278	372814	113474	486288	53358	42962	96321	390590	130487	521078	54642	39326	93969

Source : States/UT Maritime Boards

Table 2.2.3

**Commodity-wise Overseas Cargo Traffic Handled At Select
Non-Major Ports - 2017-18, 2018-19 & 2019-20**

('000 Tonnes)

Port/Commodity	2017-18			2018-19			2019-20		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
GUJARAT									
1. Bedi	3460	1691	5151	649	697	1346	920	1067	1987
a)Others Ore	0	247	247	0	260	260	0	0	0
b)Fertilizers & FRM	301	317	618	578	17	595	544	653	1197
c)Salt	0	80	80	0	59	59	0	0	0
d)Coal	3149	1030	4179	71	361	432	312	381	693
e)Others	10	17	27	0	0	0	64	33	97
2. Okha	1290	557	1847	2013	827	2840	2401	0	2401
b) Coal	602	0	602	981	0	981	1167	0	1167
c)Ore	0	0	0	0	825	825	0	0	0
d)Others	688	557	1245	1032	2	1034	1234	0	1234
3.GAPL	81785	29878	111663	91782	33453	125235	94049	35703	129752
a)Edible Oil	0	0	0	823	0	823	884	0	884
b)Food grains	21	12	33	0	0	0	430	14	444
c)Iron & steel	1092	620	1712	886	281	1167	946	401	1347
d)POL&Other Products	21254	718	21972	22450	200	22650	21408	20	21428
e)Fertiliser&FRM	1697	13	1710	3067	5	3072	3801	0	3801
f)Coal	30126	24	30150	33550	36	33586	34311	32	34343
g)Iron Ore	564	109	673	413	438	851	0	329	329
h)Container	26374	27271	53645	29116	30461	59577	31068	32206	63274
i)Others	657	1111	1768	1477	2032	3509	1201	2701	3902
4.Navalakhi	7310	1314	8624	10413	1411	11823	9344	853	10197
a)Coal	7310	0	7310	10413	0	10413	9342	0	9342
b)Salt	0	1314	1314	0	1411	1411	0	853	853
c)Others	0	0	0	0	0	0	2	0	2
5.Mul-Dwarka	523	0	523	617	0	617	694	0	694
a)Building Material	0	0	0	160	0	160	0	0	0
b)Coal	523	0	523	457	0	457	392	0	392
c)Others	0	0	0	0	0	0	302	0	302
6. Sikka	77685	42757	120442	74150	41472	115622	79955	43456	123411
a)POL&Other Products	76868	42751	119619	72927	41121	114048	78988	43378	122366
b)Building Material	0	0	0	0	0	0	19	0	19
c)Coal	0	0	0	0	0	0	0	0	0
d)Others	817	6	823	1223	351	1574	948	78	1026
7. Magdalla	10647	1485	12132	12660	1495	14155	12511	1709	14220
a)POL&Other Products	25	160	185	0	31	31	76	0	76
b)Iron Ore	483	0	483	649	0	649	0	0	0
c)Iron & Steel	80	948	1028	60	663	723	7	79	86
d)Coal	7929	0	7929	9884	0	9884	10143	0	10143
e)Others	2130	377	2507	2067	801	2868	2285	1630	3915
8. Jafarabad	1812	1153	2965	2067	1120	3187	2053	1007	3060
a)Coal	1812	0	1812	2067	0	2067	2053	0	2053
b)Building Material	0	1153	1153	0	1120	1120	0	1007	1007
c)Others	0	0	0	0	0	0	0	0	0
9. Dahej	27593	750	28343	29964	769	30733	28798	225	29022
a)POL&Other Products	18420	558	18978	19448	607	20054	20955	168	21123
b)Iron Ore	0	0	0	1199	58	1257	1248	55	1302
c)Fertiliser&FRM	620	0	620	741	0	741	293	0	293
d)Coal	6076	0	6076	7376	0	7376	4719	0	4719
e)Building Material	887	0	887	1029	0	1029	1205	0	1205
f)Others	1590	192	1782	172	104	276	379	2	381

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

**Commodity-wise Overseas Cargo Traffic Handled At Select
Non-Major Ports - 2017-18, 2018-19 & 2019-20**

(’000 Tonnes)

Port/Commodity	2017-18			2018-19			2019-20		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
10. GPPL	5984	2759	8743	6771	3365	10136	7076	3033	10109
a)POL&Other Products	793	108	901	451	93	544	576	72	648
b)Coal	584	0	584	541	0	541	590	0	590
c)Fertiliser&FRM	1092	33	1125	1420	3	1423	1394	0	1394
d)Container	3280	2618	5898	4237	3174	7411	4014	2895	6909
e)Others	235	0	235	122	95	217	502	66	568
MAHARASHTRA									
1. Revdanda	1418	25	1443	885	60	945	1181	0	1181
a)Iron Ore	0	0	0	0	0	0	0	0	0
b)Coal	1397	0	1397	885	60	945	1161	0	1161
c) Others	21	25	46	0	0	0	20	0	20
2. Ratnagiri	571	0	571	435	0	435	472	0	472
a) Chemicals	215	0	215	0	0	0	0	0	0
b) Coal	235	0	235	174	0	174	169	0	169
c) Others	122	0	122	260	0	260	303	0	303
3) Dharamtar	5263	3	5266	4801	0	4801	5189	0	5189
a) Iron ore	899	0	899	0	0	0	0	0	0
b) Coal	2611	0	2611	3072	0	3072	3031	0	3031
c)Iron&Steel	0	0	0	60	0	60	0	0	0
d)Fertiliser&FRM	314	0	314	0	0	0	0	0	0
e)Others	1440	3	1443	1670	0	1670	2158	0	2158
4) Dahanu	0	0	0	0	0	0	921	0	921
a) Coal	0	0	0	0	0	0	921	0	921
5)Dabhol	2478	0	2478	2655	0	2655	3779	0	3779
a)POL&Other Products	2478	0	2478	2655	0	2655	3779	0	3779
b)Others	0	0	0	0	0	0	0	0	0
KARNATAKA									
1. Karwar	319	0	319	349	156	504	569	26	596
a)Fertilizer &FRM	36	0	36	49	0	49	54	0	0
b)POL&Other Products	0	0	0	1	0	1	0	0	0
c)Others	284	0	284	299	156	454	515	26	0
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/Beypore	0	0	0	0	0	0	0	0	0
a)Others	0	0	0	0	0	0	0	0	0
2.Kovalam-Vizhinjam	0	5	5	0	4	4	0	0	0
a)Others	0	5	5	0	4	4	0	0	0
TAMILNADU									
1. Ennore	32	0	32	48	0	48	44	0	44
a)Fertiliser&FRM	32	0	32	0	0	0	44	0	44
b)Others	0	0	0	48	0	48	0	0	0
2, Nagapattinam	0	0	0	43	0	43	36	0	36
a)Edible Oil	0	0	0	43	0	43	36	0	36
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 - 2017-18, 2018-19 & 2019-20**

(’000 Tonnes)

Port/Commodity	2017-18			2018-19			2019-20		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
3. Cuddalore	283	0	283	281	0	281	276	0	276
a)POL&Other Products	0	0	0	281	0	281	276	0	276
b)Others	283	0	283	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 Por	0	1956	1956	0	1624	1624	0	1149	1149
a)Foodgrain	0	1956	1956	0	1624	1624	0	1149	1149
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	8278	3459	11737	11673	3069	14741	10106	2767	12873
a)Fertiliser &FRM	3900	0	3900	4964	0	4964	3857	0	3857
b)Edible Oil	809	0	809	914	0	914	959	0	959
c)POL&Other Products	0	45	45	2	6	8	0	1	1
d)Iron ore	0	16	16	0	0	0	0	0	0
e)Coal	848	0	848	3360	72	3432	3084	0	3084
d)Building Material	0	217	217	0	26	26	60	45	105
g)Container	2	253	255	3	195	198	7	146	153
e)Others	2719	2928	5647	2430	2769	5199	2140	2575	4715
3. Krishnapatinam	31993	6901	38893	36415	8093	44509	28658	7363	36022
a)Fertiliser &FRM	526	0	526	1559	0	1559	1242	0	1242
b) Iron ore	2999	0	2999	5227	0	5227	48	335	383
c) Coal	21930	0	21930	24092	0	24092	21279	0	21279
d)Building Material	0	1414	1414	0	695	695	0	283	283
g)Container	2755	4770	7525	3213	5324	8538	2406	4306	6712
e)Others	3782	717	4499	2323	2074	4397	3684	2439	6123
4. Gangavaram	21195	1291	22486	25302	1984	27286	26806	5026	31832
a)Fertiliser &FRM	680	0	680	962	0	962	1033	0	1033
b) Iron ore	0	188	188	55	445	500	52	3188	3240
c) Coal	16210	0	16210	18385	0	18385	19923	30	19953
d)Others	4305	1103	5408	5900	1539	7439	5798	1808	7606
PUDUCHERRY									
Karaikal	7275	689	7964	6510	55	6565	7765	3	7768
a)Building Material	133	689	822	0	55	55	105	3	108
b)Coal	6094	0	6094	5334	0	5334	6456	0	6456
c)Fertiliser &FRM	62	0	62	350	0	350	295	0	295
d)POL&Other Products	0	0	0	0	0	0	0	0	0
e) Iron ore	696	0	696	55	0	55	0	0	0
f)Salt	0	0	0	0	0	0	0	0	0
g)Others	289	0	289	772	0	772	908	0	908
ODISHA									
Gopalpur	560	443	1004	815	408	1223	2053	2891	4944
a)Fertiliser &FRM	44	0	44	0	0	0	0	0	0
b) Iron ore	0	138	138	0	216	216	0	2640	2640
c) Coal	0	0	0	69	0	69	354	0	354
d)Others	516	305	822	746	192	939	1698	251	1949
Dhamra	14410	3180	17590	12764	3924	16688	18807	7553	26360
a) Iron ore	0	2760	2760	0	2665	2665	0	4244	4244
b) Coal	11980	0	11980	10629	0	10629	14271	0	14271
c)Others	2430	420	2850	2135	1259	3394	4537	3309	7846

Source : State / UT Maritime Boards

Table 2.2.4

**Commodity-wise Coastal Cargo Traffic Handled At Select
Non-Major Ports - 2017-18 , 2018-19 & 2019-20**

('000 Tonnes)

Port/Commodity	2017-18			2018-19			2019-20		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
GUJARAT									
1.Bedi	8	89	97	0	493	493	3	251	254
a)Coal	0	89	89	0	493	493	0	251	251
b)Others	8	0	8	0	0	0	3	0	3
2.Okha	10	2140	2150	22	1876	1898	0	1667	1667
a)POL&Other Products	0	2138	2138	10	1859	1869	0	1579	1579
b) Other Ores	0	0	0	0	13	13	0	0	0
c)Coal	10	2	12	12	4	16	0	3	3
d) Others	0	0	0	0	0	0	0	85	85
3.GAPL	3281	818	4099	2543	2354	4897	1677	892	2569
a)POL&Other Products	3112	451	3563	2319	1885	4204	1331	311	1642
b)Coal	0	93	93	0	38	38	0	0	0
c) Iron Ore	169	0	169	160	0	160	335	0	335
d)Others	0	274	274	64	431	495	11	581	592
4.Naviakhi	68	0	68	32	0	32	50	0	50
a)Building Material	68	0	68	32	0	32	50	0	50
b)Others	0	0	0	0	0	0	0	0	0
5.Mul-Dwarka	94	2849	2943	52	2858	2910	178	2989	3167
a)Building Material	21	2849	2870	2	2858	2860	123	2801	2924
b)Coal	73	0	73	50	0	50	55	0	55
c)Others	0	0	0	0	0	0	0	188	188
6.Sikka	341	8667	9008	2472	9997	12469	979	9751	10730
a) POL&Other Products	341	8438	8779	2471	9893	12364	946	9656	10602
b) Salt	0	45	45	0	104	104	0	64	64
c) Others	0	184	184	1	0	1	33	31	64
7.Magdalla	15062	2616	17678	16079	2825	18904	17324	2918	20242
a) POL&Other Products	2970	610	3580	2013	745	2758	1825	506	2331
b)Building Material	1681	0	1681	1803	0	1803	1585	0	1585
c) Iron Ore	10257	0	10257	10985	117	11102	12628	402	13030
d) Iron & Steel	38	1907	1945	2	1860	1862	0	33	33
e) Others	116	99	215	1276	103	1379	1286	1977	3263
8.Jafarabad	0	2616	2616	0	2809	2809	0	2905	2905
a)Building Material	0	2616	2616	0	2809	2809	0	2905	2905
9.Dahej	2669	163	2832	3069	253	3322	3249	230	3479
a) POL&Other Products	2669	157	2826	3069	252	3321	3249	230	3479
b)Others	0	6	6	0	1	0	0	0	0
10.GPPL	0	0	0	122	129	251	264	260	524
a) POL&Other Products	0	0	0	0	6	6	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	0	0	0	122	123	245	264	260	524
e)Others	0	0	0	0	0	0	0	0	0
GOA									
1. Panaji	10	62	72	3	12	15	0	8	8
a) Iron ore	10	62	72	0	0	0	0	2	2
b) Others	0	0	0	3	12	15	0	6	6

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

**Commodity-wise Coastal Cargo Traffic Handled At Select
Non-Major Ports - 2017-18, 2018-19 & 2019-20**

(’000 Tonnes)

Port/Commodity	2017-18			2018-19			2019-20		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
MAHARASHTRA									
1.Ratnagiri	194	0	194	164	0	164	147	0	147
a)Building Material	194	0	194	147	0	147	147	0	147
b) Others	0	0	0	16	0	16	0	0	0
2.Dharamtar	9559	40	9600	11579	177	11756	12114	10	12124
a) Iron Ore	6734	12	6746	7570	16	7586	7114	4	7118
b)Building Material	113	0	113	268	0	268	109	0	109
c)Coal	1800	0	1800	2880	141	3020	3966	6	3972
d) Others	912	28	941	862	20	882	926	0	926
3. Revdanda	403	131	534	425	121	546	442	171	613
a) Iron Ore	57	102	159	425	121	546	442	152	595
b) Iron & Steel	346	25	370	0	0	0	0	18	18
c) Others	0	4	4	0	0	0	0	0	0
4. Ulwa-Belapur	1628	72	1700	1596	158	1754	1711	71	1782
a)Building Material	1621	0	1621	1595	148	1742	1710	56	1766
b) Others	7	72	79	1	10	11	1	15	16
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	421	0	421	352	0	352	0	0	0
a)Coal	421	0	421	352	0	352	0	0	0
ODISHA									
1. Dhamra	0	3860	3860	0	3986	3986	0	3350	3350
a) Coal	0	1880	1880	0	2226	2226	0	776	776
b) Iron Ore	0	1980	1980	0	1698	1698	0	2574	2574
c)Other	0	0	0	0	62	62	0	0	0
2.Gopalpur	104	38	142	193	96	288	295	320	615
a) Iron Ore	0	38	38	0	0	0	0	271	271
b)Salt	104	0	104	133	0	133	120	0	120
c)Others	0	0	0	60	96	155	175	49	224
KERALA									
1.Kozikoda/ Beypore	12	120	132	36	118	154	12	116	127
a)POL&other Products	0	0	0	0	0	0	0	23	23
b)Builiding material	0	0	0	0	4	4	0	2	2
c)Foodgrains	0	0	0	0	0	0	0	0	0
d)Others	12	120	132	36	114	118	12	91	102
2)Koviam-Vizanjam	0	0	0	51	0	51	24	0	24
a)Others	0	0	0	51	0	51	24	0	24
ANDHRA PRADESH									
1.Rawa Port	0	970	970	0	816	816	0	736	736
a)Crude Oil	0	970	970	0	816	816	0	736	736
2.Kakinada Anchorage Port	0	51	51	0	22	22	0	19	19
a)Builiding material	0	51	51	0	22	22	0	19	19
b)Others	0	0	0	0	0	0	0	0	0
3.Kakinada Deep Water	454	64	517	650	740	1390	705	1789	2494
a)POL&other Products	435	0	435	573	0	573	670	0	670
b)Chemical	10	0	10	0	0	0	0	0	0
c)Coal	9	0	9	28	652	679	0	1390	1390
d)Container	0	13	13	12	87	100	6	101	106
e)Other	0	51	51	37	1	38	30	299	329
4.Gangavaram	679	2625	3304	711	2373	3084	147	2510	2657
a)Iron Ore	481	2211	2692	273	1984	2257	109	1689	1798
b)Coal	0	0	0	208	54	262	38	27	65
c)Other	198	414	612	230	335	565	0	794	794

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

**Commodity-wise Coastal Cargo Traffic Handled At Select
Non-Major Ports - 2017-18, 2018-19 & 2019-20**

(’000 Tonnes)

Port/Commodity	2017-18			2018-19			2019-20		
	Unloaded	Loaded	Total	Unloaded	Loaded	Total	Unloaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
5.Krishnapatinam	6339	32	6371	9454	408	9862	10463	1659	12122
a)POL&other Products	0	0	0	0	0	0	0	0	0
b)Coal	6234	30	6264	9453	8	9461	9264	0	9264
c)Iron Ore	54	0	54	0	146	146	0	0	0
d)Building Material	0	0	0	0	254	254	0	448	448
e)Container	0	0	0	0	0	0	1173	1211	2384
f)Other	51	2	53	1	0	1	26	0	26
TAMIL NADU									
1.Nagapattinam	79	365	444	0	290	290	4	44	48
a)POL&other Products	56	363	419	0	290	290	0	44	44
b)Others	23	2	25	0	0	0	4	0	4
2.Thirukkadaiyur	4	0	4	2	0	2	32	0	32
a)POL&other Products	4	0	4	2	0	2	32	0	32
b)Others	0	0	0	0	0	0	0	0	0
KARNATAKA									
1.Karwar	280	0	280	413	28	442	251	14	265
a)POL&other Products	182	0	182	163	0	163	156	0	156
b)Salt	98	0	98	0	0	0	0	0	0
c)Others	0	0	0	250	28	278	96	14	109
2. Old Mangalore	1	79	81	2	96	98	1	74	74
a)Building Material	0	44	44	0	53	53	0	33	33
b)Others	1	36	37	2	43	45	1	41	42
PUDUCHERRY									
1)Karaikal	156	1	158	1390	415	1805	1679	641	2319
a)POL&Other Products	156	0	156	0	0	0	0	385	385
b) Iron ore	0	0	0	385	0	385	273	0	273
c)Building Material	0	0	0	0	415	415	0	256	256
d)Coal	0	0	0	1005	0	1005	1406	0	1406
e)Others	0	1	1	0	0	0	0	0	0
ANDAMAN & NICOBAR	973	306	1280	1106	321	1427	1454	340	1794
a)Building Material	224	100	324	219	111	329	466	123	590
b)POL&Other Products	184	2	185	190	2	192	187	1	188
c)Foodgrains	14	2	17	7	3	10	5	4	9
d) Iron & steel	30	2	33	34	3	37	16	2	18
e)Container	388	98	485	478	141	619	546	152	698
f)Others	133	102	235	178	62	240	234	58	292
Lakshadweep	-	-	-	-	-	-	-	-	-
a)Building Material	-	-	-	-	-	-	-	-	-
b)POL&Other Products	-	-	-	-	-	-	-	-	-
c)Foodgrains	-	-	-	-	-	-	-	-	-
d)Others	-	-	-	-	-	-	-	-	-

Source : State / UT Maritime Boards

: In building material include, cement & clinker

Table 2.2.5

Manpower Employment At Non-Major Ports - 2019-20

(In No.)

States/UTs	Officers		Regular Workers		Casual Workers
	Sanctioned	Actual	Sanctioned	Actual	
1	2	3	4	5	6
Gujarat	273	151	1559	784	314
Maharashtra	60	44	56	43	98
Goa	10	6	160	123	0
Daman & Diu	1	0	12	5	2
Karnataka *	161	36	-	-	0
Kerala	72	67	206	204	0
Tamil Nadu	45	13	86	22	6
Puducherry	137	134	159	111	1
Andhra Pradesh**	649	649	1682	1682	14199
Andaman & Nicobar Islands	81	58	810	447	19
Odisha	309	292	243	243	8547
Lakshadweep	0	0	0	0	0
Total	1798	1450	4973	3664	23186

* 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 (2018-19 & 2019-20)

Maritime State/U.Ts./Port	No. of Vessels Left		Turn Round Time (in Days)	
	2018-19	2019-20	2018-19	2019-20
1	2	3	4	5
GUJARAT				
GUJARAT	12634	12536	N A	N A
MAHARASHTRA				
Bandra Group	6	16	7.0	N A
Mora Group	1168	1380	1.4	1.2
Rajpuri Group	0	332	5.2	N.A
Ratnagiri Group	979	1096	1.0	0.9
Vengurla Group	10	13	-	8.0
KARNATAKA				
Karwar	157	146	ta	3.0
Malpe	1	-	1-2	-
Hangakatta	3	-	1-2	-
Mangalore	727	615	2-3	2-3
Kundapur	1	-	1-2	-
TAMIL NADU				
Nagapattinam	78	30	-	-
Cuddalore (Chemplast Jetty)	37	35	2.4	2.9
Ennore	5	10	2.0	2.0
Kattupalli	387	435	1-3	1-3
GOA				
Panaji	121	108	N.A	N.A
ANDHRA PRADESH				
Kakinada(Sea Port)	796	751	2.2	3.0 *
Kakinada(Anchorage)	77	61	N.A	N.A
Rawa	13	13	-	NA
Krishnapatinam	1451	1322	2.7	6.4 *
Gangavaram	476	519	3-5	3-5
KERALA				
Kozhikode/Beyppore	471	471	2.0	2.0
Koavalam/Vizhinjam	34	-	4.0	-
Kollam	24	17	2.0	2.0
Azhikkal	15	8	2.0	2.0
ODISHA				
Dhamra	359	495	3.7	7.4 *
Gopalpur	57	132	3.0	9.4 *
PUDUCHERRY				
Karaikal	212	212	3.8	3.8
Chemplast	6	6	6.0	6.0
Puducherry	-	-	-	-
ANDAMAN & NICOBAR	16917	19832	*	*

* As per revised definition of TRT, from Pilot boarding to Pilot de-boarding
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
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	57.50	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	90.23	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
NON-MAJOR PORTS									
2001-02	49.18	19.76	68.94	10.45	16.13	26.58	59.63	35.89	95.52
2005-06	69.58	48.69	118.27	16.47	15.38	31.85	86.05	64.07	150.12
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	169.81	615.05
ALL PORTS									
2001-02	179.30	96.53	275.83	57.48	49.79	107.27	236.78	146.32	383.10
2005-06	269.06	182.33	451.39	60.69	61.61	122.30	329.75	243.94	573.69
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	143.59	119.09	262.68	924.11	357.67	1281.78
2019-20	798.03	268.21	1066.24	137.92	115.82	253.73	935.94	384.03	1319.97

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	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
1	2	3	4	5	6	7	8	9	10	11	12	13
GUJARAT	225035	285083	312787	341551	381436	396950	428592	439236	451181	480868	514598	534398
Deendayal	72224	79500	81880	82501	93619	87005	92497	99458	105442	110099	115401	122607
Other Ports	152811	205583	230907	259050	287817	309945	336095	339778	345739	370769	399197	411791
Overseas	199107	242187	269049	293675	332241	360005	388120	397416	405611	427913	452584	470752
Coastal	25928	42896	43738	47876	49195	36945	40472	41820	45570	52955	62014	63646
Loaded	60201	78063	98045	105648	114966	106602	119328	121522	124516	138375	147946	151922
Unloaded	164834	207020	214742	235903	266470	290348	309264	317714	326665	342493	366652	382476
MAHARASHTRA	119588	127350	133778	141863	146724	146181	152756	153995	160174	166812	177126	172806
Mumbai	51876	54541	54586	56186	58038	59184	61660	61119	63129	62902	60634	60696
J.L.Nehru	57296	60763	64317	65730	64488	62333	63801	64027	62151	66004	70706	68449
Other Ports	10416	12046	14875	19947	24198	24664	27295	28849	34894	37906	45786	43661
Overseas	90191	97925	105071	115242	119426	115954	116691	123351	118068	115790	122108	121913
Coastal	29397	29425	28707	26621	27298	30227	36065	30644	42106	51022	55019	50893
Loaded	40801	37079	41536	44571	44819	42718	42112	40086	41570	42453	47838	43168
Unloaded	78787	90271	92242	97292	101905	103463	110644	113909	118604	124359	129289	129638
GOA	53582	62744	64641	53519	21127	12023	15471	21206	33298	26969	17698	16025
Mormugao	41681	48847	50060	39049	17738	11739	14711	20776	33181	26897	17683	16017
Other Ports	11901	13897	14581	14470	3389	284	760	430	117	72	15	8
Overseas	52550	61196	63404	52384	20373	11298	14250	20105	32137	25176	14882	14455
Coastal	1032	1548	1237	1135	754	725	1221	1101	1161	1793	2816	1570
Loaded	46570	54634	55328	44222	11944	2334	3677	5667	17435	12510	4377	3154
Unloaded	7012	8110	9313	9297	9183	9689	11794	15539	15863	14459	13321	12871

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

Cargo Traffic Handled At Indian Ports - By State

(In '000 Tonnes)

Port/State/Type of Traffic	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
1	2	3	4	5	6	7	8	9	10	11	12	13
KARNATAKA	41659	44075	34645	33533	37646	39874	37217	36417	40643	42739	43552	40080
New Mangalore	36691	35528	31550	32941	37036	39365	36566	35582	39936	42059	42508	39145
Other Ports	4968	8547	3095	592	610	509	651	835	707	680	1044	935
Overseas	35482	36790	27684	27462	31261	33849	32108	30988	32090	32170	35252	29703
Coastal	6177	7285	6991	6071	6385	6025	5109	5429	8553	10569	8301	10376
Loaded	21613	22215	13094	9682	10028	10230	8543	7979	9003	9896	9993	9998
Unloaded	20046	21860	21251	23851	27618	29644	28674	28438	31640	32843	33560	30081
KERALA	15625	17548	17997	20194	19941	20976	21754	22239	25148	29281	32243	34194
Cochin	15494	17429	17873	20090	19845	20886	21595	22095	25007	29143	32021	34038
Other Ports	131	119	124	104	96	90	159	144	141	138	222	156
Overseas	11111	11898	13159	13306	13236	13110	14740	14784	17944	20492	21084	22940
Coastal	4514	5650	4838	6888	6705	7866	7014	7455	7204	8789	11159	11255
Loaded	2794	3680	3999	4400	3913	4262	4162	4030	4878	5906	6772	6850
Unloaded	12831	13868	13998	15794	16028	16714	17592	18209	20270	23375	25471	27344
TAMILNADU	91900	96721	99807	99978	100482	107950	116031	119969	119849	120014	122812	125950
V.O.Chidambaranar	22011	23787	25727	28105	28260	28642	32414	36849	38463	36583	34342	36076
Chennai	57491	61057	61460	55707	53404	51105	52541	50058	50214	51881	53012	46758
Kamarajar	11500	10703	11009	14956	17885	27337	30251	32206	30020	30446	34498	31746
Other Ports	898	1174	1611	1210	933	866	825	856	1152	1103	960	11370
Overseas	71367	75856	79169	79509	79509	84936	92511	90432	91455	86752	88315	98356
Coastal	20533	20865	20638	20469	20973	23014	23520	29537	28394	33262	34497	27594
Loaded	29896	29349	30014	29039	29534	28968	30087	29894	30129	31197	30838	36777
Unloaded	62004	67372	69793	70939	70948	78982	85944	90075	89720	88817	91975	89173
PONDICHERRY	47	1316	4728	6421	6909	6281	4958	5974	9112	8121	8370	10101
Other Ports	47	1316	4728	6421	6909	6281	4958	5974	9112	8121	8370	10101
Overseas	47	1316	4728	6408	6867	6244	4588	5707	7664	7964	6565	7782
Coastal	-	-	-	13	42	37	370	267	1448	157	1805	2319
Loaded	-	38	101	181	473	343	137	138	711	691	471	644
Unloaded	47	1278	4627	6240	6436	5938	4821	5836	8401	7430	7899	9457
ANDHRA PRADESH	93628	109191	111308	113053	110849	117196	141422	129768	130623	149822	168635	172627
Visakhapatnam	63908	65501	68041	67420	59038	58504	58004	57035	61020	63537	65301	72722
Other Ports	29720	43690	43267	45633	51811	58692	83418	72733	69603	86285	103334	99905
Overseas	69929	85364	85177	84675	87211	93254	117496	104829	101851	122641	136631	138261
Coastal	23699	23827	26131	28378	23638	23942	23926	24939	28772	27181	32004	34365
Loaded	42381	49727	45180	40790	34972	36946	29705	27003	37492	39738	40134	48388
Unloaded	51247	59464	66128	72263	75877	80250	111717	102765	93131	110084	128501	124238

Table 3.1.2
(Contd...)

Cargo Traffic Handled At Indian Ports - By State

(In '000 Tonnes)

Port/State/Type of Traffic	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
1	2	3	4	5	6	7	8	9	10	11	12	13
ORISSA	46707	57476	56503	59338	67620	82374	86463	91346	111432	124623	131488	147958
Paradip	46412	57011	56038	54254	56552	68003	71011	76397	88959	102028	109303	112689
Other Ports	295	465	465	5084	11068	14371	15452	14949	22473	22595	22186	35269
Overseas	33958	45180	45118	46361	47967	57004	60231	61920	81983	89047	88952	108584
Coastal	12749	12296	11385	12977	19653	25370	26232	29426	29449	35576	42536	39374
Loaded	26615	28127	25107	18281	19771	31477	47666	29156	42965	48047	54439	66380
Unloaded	20092	29349	31396	41057	47849	50897	38797	62190	68467	76576	77050	81578
WEST BENGAL	54220	46423	47545	43248	39928	41386	46293	50289	50951	57891	63763	63983
SMP (KDS)	12428	13045	12540	12233	11844	12875	15283	16782	16810	17390	18551	17303
SMP(HDC)	41792	33378	35005	31015	28084	28511	31010	33507	34141	40501	45212	46680
Other Ports	-	-	-	-	-	-	-	-	-	-	-	-
Overseas	47187	39334	39388	35837	33660	35400	38811	42982	43718	47458	52662	53437
Coastal	7033	7089	8157	7411	6268	5986	7482	7307	7233	10433	11101	10546
Loaded	17547	16572	17030	15280	12911	13962	10044	10912	13944	15541	14539	16409
Unloaded	36673	29851	30515	27968	27017	27424	36249	39377	37007	42350	49224	47574
SEA-ISLANDS	2035	2100	1705	1234	1092	1268	1275	1323	1276	1418	1495	1851
Other Ports	2035	2100	1705	1234	1092	1268	1275	1323	1276	1418	1495	1851
Overseas	76	486	342	10	7	51	17	45	48	138	67	56
Coastal	1959	1614	1337	1224	1085	1217	1258	1278	1228	1280	1427	1794
Loaded	675	516	352	195	205	305	269	279	289	306	321	340
Unloaded	1360	1584	1353	1039	887	963	1006	1044	987	1112	1173	1510
ALL INDIA	744026	850027	885444	913932	933754	972459	1052232	1071762	1133687	1208559	1281780	1319972
Major Ports	530804	561090	570086	560187	545831	555489	581344	605891	648473	679470	699171	704925
Other Ports	213222	288937	315358	353745	387923	416970	470888	465871	485214	529089	582609	615046
Overseas	611005	697532	732289	754869	771758	811105	879563	892559	932569	975542	1E+06	1E+06
Coastal	133021	152495	153159	159063	161996	161354	172669	179203	201118	233017	262678	253733
Loaded	289093	320000	329786	312289	283536	278147	295730	276666	322932	344661	357667	384031
Unloaded	454933	530027	555358	601643	650218	694312	756502	795096	810755	863898	924113	935940

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

Port/State/Type of Traffic	(000 Tonnes)											
	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
1	2	3	4	5	6	7	8	9	10	11	12	13
GUJARAT												
Kandla	54200	61893	61241	60412	63402	61298	69737	78872	81591	81693	85276	88702
Other Ports	110634	145127	153502	175491	203068	227050	239527	238842	245074	260800	281376	293774
Total	164834	207020	214743	235903	266470	288348	309264	317714	326665	342493	366652	382476
Overseas	150376	187390	193891	214117	244380	265200	288934	298482	302649	315733	336719	351239
Coastal	14458	19630	20852	21786	22090	23148	20330	19232	24016	26760	29934	31237
MAHARASHTRA												
Mumbai	42915	46826	46527	47776	47824	50331	53141	54076	54612	55046	53683	51773
J. L. Nehru	28166	32382	33414	33218	33692	31233	34553	35359	34982	37362	39361	40962
Other Ports	7706	11063	12269	16298	20389	21899	22950	24474	29010	31951	36245	36904
Total	78787	90271	92210	97292	101905	103463	110644	113909	118604	124359	129289	129638
Overseas	56983	68231	70526	77379	82376	78836	83045	91276	87803	84403	88756	90579
Coastal	21804	22040	21684	19913	19529	24627	27599	22633	30801	39956	40533	39060
GOA												
Mormugao	7012	7892	9200	9132	9070	9405	11381	15369	15848	14449	13318	12871
Other Ports	0	218	113	165	113	284	413	170	15	10	3	0
Total	7012	8110	9313	9297	9183	9689	11794	15539	15863	14459	13321	12871
Overseas	6395	7088	8389	8477	8560	9166	11110	14806	15030	13398	10833	11481
Coastal	617	1022	924	820	623	523	684	733	833	1061	2488	1390
KARNATAKA												
New Mangalore	19964	21569	21066	23684	27322	29254	28326	27981	31124	32243	32794	29260
Other Ports	82	291	185	167	296	390	348	457	516	600	765	821
Total	20046	21860	21251	23851	27618	29644	28674	28438	31640	32843	33559	30081
Overseas	16815	18096	17601	20358	23517	26021	25860	25662	26110	25161	26719	21848
Coastal	3231	3764	3650	3493	4101	3623	2814	2776	5530	7682	6840	8233
KERALA												
Cochin	12783	13834	13960	15775	16012	16696	17536	18182	20248	23363	25375	27306
Other Ports	48	34	38	17	16	18	56	28	22	12	96	38
Total	12831	13868	13998	15792	16028	16714	17592	18210	20270	23375	25471	27344
Overseas	9343	9570	10227	10563	10799	10611	12322	12147	14595	17444	18453	20132
Coastal	3488	4298	3771	5229	5229	6103	5270	6063	5675	5931	7017	7212
TAMIL NADU												
V. O. Chidambaranar	16370	18652	18394	19561	19854	20978	23993	27367	27997	26171	24152	25823
Chennai	34645	38114	40325	36815	34374	32533	33688	32537	33332	34210	35679	30441
Kamarajar	10389	9767	9957	13712	16146	24922	27664	29602	27547	27829	31506	28220
Other Port	600	839	1117	851	574	549	599	569	844	607	638	4689
Total	62004	67372	69793	70939	70948	78982	85944	90075	89720	88817	91975	89173
Overseas	43203	48276	51041	52035	51749	57761	63866	62830	64312	59107	61073	64702
Coastal	18801	19096	17635	18904	19199	21221	22078	27245	25408	29710	30901	24470

Table 3.1.3
(Contd...)

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

Port/State/Type of Traffic	(000 Tonnes)											
	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
1	2	3	4	5	6	7	8	9	10	11	12	13
PONDICHERRY												
Other Ports	47	1278	4627	6240	6436	5938	4821	5836	8401	7431	7900	9457
Total	47	1278	4627	6240	6436	5938	4821	5836	8401	7431	7900	9457
Overseas	47	1278	4627	6240	6436	5938	4499	5569	7638	7275	6510	7778
Coastal	-	-	-	-	-	-	322	267	763	156	1390	1679
ANDHRA PRADESH												
Visakhapatnam	35660	35477	36128	38691	35274	33683	38760	39586	37281	41146	44295	47353
Other Ports	15587	23987	30000	33572	40603	46567	72957	63179	55850	68938	84206	76885
Total	51247	59464	66128	72263	75877	80250	111717	102765	93131	110084	128501	124238
Overseas	43889	52727	59427	64484	66651	71265	100759	90310	81319	99300	113415	109349
Coastal	7358	6737	6701	7779	9226	8985	10958	12455	11812	10784	15086	14890
ORISSA												
Paradip	19891	29175	31222	35993	39116	40672	46265	48230	53887	61502	63278	60423
Other Ports	201	174	174	5064	8733	10225	14051	13954	14580	15074	13772	21155
Total	20092	29349	31396	41057	47849	50897	60316	62184	68467	76576	77050	81578
Overseas	18683	27683	29832	38854	45581	48734	58440	60574	67802	75710	75624	80181
Coastal	1409	1666	1564	2203	2268	2163	1876	1610	665	865	1426	1397
WEST BENGAL												
KDS	8800	8269	7258	7003	6471	6711	26432	10541	10118	10632	11598	10584
HDC	27873	21582	23257	20965	20546	20713	9817	28836	26889	31718	37626	36990
Other Ports	-	-	-	0	0	0	0	0	0	0	0	0
Total	36673	29851	30515	27968	27017	27424	36249	39377	37007	42350	49224	47574
Overseas	32920	25577	25734	24409	24528	25073	31875	35293	33253	36358	42355	40680
Coastal	3753	4274	4781	3559	2489	2351	4374	4084	3754	5992	6869	6894
SEA-ISLAND												
Other Ports	1360	1584	1353	986	887	963	1006	1044	987	1111	1173	1510
Total	1360	1584	1353	986	887	963	1006	1044	987	1111	1173	1510
Overseas	76	476	342	10	7	51	17	45	48	138	67	56
Coastal	1284	1108	1011	976	880	912	989	999	939	973	1106	1454
ALL INDIA												
MAJOR PORTS	318668	345432	351949	362737	369103	378429	421293	446538	455456	477363	497941	490708
Other Ports	136265	184595	203378	238851	281115	313883	356728	348553	355299	386535	426172	445233
Total	454933	530027	555327	601588	650218	692312	778021	795091	810755	863898	924113	935940
Overseas	378730	446392	471637	516926	564584	598656	680727	696994	700559	734027	780525	798025
Coastal	76203	83635	83690	84662	85634	93656	97294	98097	110196	129871	143588	137915

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

Port / State	('000 Tonnes)												
	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	
	1	2	3	4	5	6	7	8	9	10	11	12	13
GUJARAT													
Kandla	18024	17607	20639	22089	30217	25707	22760	20586	23851	28406	30125	33904	
Other Ports	42177	60456	77405	83559	84749	82895	96568	100936	100665	109969	117821	118018	
Total	60201	78063	98044	105648	114966	108602	119328	121522	124516	138375	147946	151922	
Overseas	48731	54797	75158	79559	87861	94805	99186	98934	102962	112180	115865	119513	
Coastal	11470	23266	22886	26089	27105	13797	20142	22588	21554	26195	32080	32409	
MAHARASHTRA													
Mumbai	8961	7715	8059	8410	10214	8853	8519	7043	8517	7856	6951	8923	
J. L. Nehru	29130	28381	30903	32512	30796	31100	29248	28668	27169	28642	31345	27487	
Other Ports	2710	983	2606	3649	3809	2765	4345	4375	5884	5955	9542	6757	
Total	40801	37079	41568	44571	44819	42718	42112	40086	41570	42453	47838	43168	
Overseas	33208	29694	34545	37863	37050	37118	33646	32076	30265	31387	33352	31334	
Coastal	7593	7385	7023	6708	7769	5600	8466	8010	11305	11066	14486	11833	
GOA													
Mormugao	34669	40955	40860	29917	8668	2334	3330	5407	17333	12448	4365	3146	
Other Ports	11901	13679	14468	14305	3276	0	347	260	102	62	12	8	
Total	46570	54634	55328	44222	11944	2334	3677	5667	17435	12510	4377	3154	
Overseas	46155	54108	55015	43907	11813	2132	3140	5299	17107	11778	4049	2974	
Coastal	415	526	313	315	131	202	537	368	328	732	328	180	
KARNATAKA													
New Mangalore	16727	13959	10484	9257	9714	10111	8240	7601	8812	9816	9714	9884	
Other Ports	4886	8256	2910	425	314	119	303	378	191	80	280	114	
Total	21613	22215	13394	9682	10028	10230	8543	7979	9003	9896	9993	9998	
Overseas	18667	18694	10083	7104	7744	7828	6248	5326	5980	7009	8533	7855	
Coastal	2946	3521	3311	2578	2284	2402	2295	2653	3023	2887	1461	2143	
KERALA													
Cochin	2711	3595	3913	4315	3833	4190	4059	3913	4759	5780	6646	6732	
Other Ports	83	85	86	87	80	72	103	116	119	126	126	118	
Total	2794	3680	3999	4402	3913	4262	4162	4029	4878	5906	6772	6850	
Overseas	1768	2328	2932	2743	2437	2499	2418	2637	3349	3048	2631	2808	
Coastal	1026	1352	1067	1659	1476	1763	1744	1392	1529	2858	4141	4042	
TAMIL NADU													
V.O.Chidambanar	5641	5135	7333	8544	8406	7664	8421	9482	10466	10412	10190	10253	
Chennai	22846	22943	21135	18892	19030	18572	18853	17521	16882	17671	17333	16317	
Kamarajar	1111	936	1052	1244	1739	2415	2587	2604	2473	2618	2992	3526	
Other Ports	298	335	494	359	359	317	226	287	308	496	323	6681	
Total	29896	29349	30014	29039	29534	28968	30087	29894	30129	31197	30838	36777	
Overseas	28164	27580	33069	27474	27760	27175	28645	27602	27143	27645	27242	33654	
Coastal	1732	1769	2192	1565	1774	1793	1442	2292	2986	3552	3596	3123	

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

Table 3.1.4
(Contd...)

Port / State	('000 Tonnes)												
	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	
	1	2	3	4	5	6	7	8	9	10	11	12	13
PONDICHERRY													
Other Ports	-	38	101	181	473	343	137	138	711	691	470	644	
Total	-	38	101	181	473	343	137	138	711	691	470	644	
Overseas	-	38	101	168	431	306	89	138	26	689	55	3	
Coastal	-	-	-	13	42	37	48	0	685	2	415	641	
ANDHRA PRADESH													
Visakhapatnam	28248	30024	31913	28729	23764	24821	19244	17449	23739	22391	21006	25369	
Other Ports	14133	19703	13267	12061	11208	12125	10461	9554	13753	17347	19128	23019	
Total	42381	49727	45180	40790	34972	36946	29705	27003	37492	39738	40134	48388	
Overseas	26040	32637	25750	20191	20560	21989	16737	14509	20532	23341	23216	28913	
Coastal	16341	17090	19430	20599	14412	14957	12968	12494	16960	16397	16918	19476	
ORISSA													
Paradip	26521	27836	24810	18261	17436	27331	24746	28167	35072	40526	46025	52267	
Other Ports	94	291	291	20	2335	4146	1401	995	7893	7521	8414	14114	
Total	26615	28127	25101	18281	19771	31477	26147	29162	42965	48047	54439	66380	
Overseas	15275	17497	15286	7507	2386	8270	1791	1346	14182	13336	13328	28403	
Coastal	13340	10630	9821	10774	17385	23207	24356	27816	28783	34711	41110	37977	
WEST BENGAL													
KDS	3628	4776	5282	10050	5373	6164	4578	6241	6692	6758	6953	6719	
HDC	13919	11796	11748	5230	7538	7798	5466	4671	7252	8783	7586	9690	
Other Ports	-	-	-	-	-	-	-	-	-	-	-	-	
Total	17547	16572	17030	15280	12911	13962	10044	10912	13944	15541	14539	16409	
Overseas	14267	13757	13654	11428	9132	10327	6936	7689	10465	11100	10307	12757	
Coastal	3280	2815	3376	3852	3779	3635	3108	3223	3479	4441	4232	3652	
SEA-ISLANDS													
Other Ports	675	516	352	248	205	305	269	279	289	306	321	340	
Total	675	516	352	248	205	305	269	279	289	306	321	340	
Overseas	-	10	-	-	-	-	0	0	0	0	0	0	
Coastal	675	506	352	248	205	305	269	279	289	306	321	340	
ALL INDIA													
Major Ports	212136	215658	218137	197450	176728	177060	160051	159353	193017	202107	201230	214217	
Other Ports	76957	104342	111980	114894	106808	103087	114160	117318	129915	142553	156436	169814	
Total	289093	320000	330117	312344	283536	280147	274211	276671	322932	344661	357666	384030	
Overseas	232275	251140	260346	238183	207174	212449	198836	195556	232011	241513	238577	268214	
Coastal	56818	68860	69771	74161	76362	67698	75375	81115	90921	103148	119089	115817	

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
1985-86	45.82	36.73	82.55	22.16	14.91	37.07	67.98	51.64	119.62
1986-87	43.58	39.79	83.37	23.36	17.64	41.00	66.94	57.43	124.37
1987-88	49.95	40.15	90.10	23.39	21.11	44.50	73.34	61.26	134.60
1988-89	55.40	43.79	99.19	25.91	21.96	47.87	81.31	65.75	147.06
1989-90	54.13	45.26	99.39	26.72	21.46	48.18	80.85	66.72	147.57
1990-91	59.02	43.63	102.65	26.07	22.95	49.02	85.09	66.58	151.67
1991-92	59.91	44.89	104.80	26.66	25.18	51.84	86.57	70.07	156.64
1992-93	74.09	43.28	117.37	24.35	24.78	49.13	98.44	68.06	166.50
1993-94	76.02	53.48	129.50	24.81	24.71	49.52	100.83	78.19	179.02
1994-95	83.60	52.18	135.78	29.60	30.51	60.11	113.20	82.69	195.89
1995-96	94.86	57.24	152.10	31.79	31.32	63.11	126.65	88.56	215.21
1996-97	102.84	57.77	160.61	36.37	30.28	66.65	139.21	88.05	227.26
1997-98	117.43	62.25	179.68	38.55	33.43	71.98	155.98	95.68	251.66
1998-99	124.99	55.03	180.02	39.54	32.18	71.72	164.53	87.21	251.74
1999-00	133.80	56.63	190.43	49.92	31.62	81.54	183.72	88.25	271.97
2000-01	127.20	66.20	193.40	51.55	36.18	87.73	178.75	102.38	281.13
2001-02	130.12	76.77	206.89	47.03	33.66	80.69	177.15	110.43	287.58
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

Table 3.2.2

Trend in Port-wise Cargo Traffic Handled at Major Ports

(In Million Tonnes)

Year	P O R T S												Total
	Deen dayal	Mumbai	J.L. Nehru	Mormugao	New Mangalore	Cochin	V. O. Chidambanar	Chennai	Kamarajar	Visakhapatnam	Paradip	SMP (Kolkata/Haldia)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1985-86	16.49	24.31	-	16.12	3.69	5.28	4.22	18.15	-	15.91	3.33	12.13	119.63
1986-87	16.19	25.08	-	14.92	5.43	6.88	4.13	19.78	-	15.04	4.85	12.07	124.37
1987-88	18.08	29.57	-	13.33	6.11	6.80	4.26	22.82	-	15.37	5.19	13.07	134.60
1988-89	17.81	29.34	-	15.39	7.09	7.82	5.13	23.86	-	20.37	6.03	14.22	147.06
1989-90	18.92	27.75	0.70	14.17	7.66	7.12	5.32	23.94	-	21.12	6.18	14.69	147.57
1990-91	19.69	28.90	2.02	14.91	8.02	7.28	5.08	24.52	-	19.42	6.88	14.95	151.67
1991-92	21.00	26.26	2.79	15.10	8.27	7.48	5.87	25.05	-	21.52	7.30	16.00	156.64
1992-93	22.91	28.95	3.01	16.31	7.09	7.98	6.22	25.33	-	22.76	7.60	18.34	166.50
1993-94	24.50	30.51	3.38	18.72	8.63	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

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	194624	561090
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	221634	9555	6599	55681	118879	406	292171	704925
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	4584	66	751	17861	328	37248	122606

Table 3.2.3
(Contd...)

Commodity-wise Cargo Traffic Handled at Major Ports

('000 Tonnes)

Year	POL (Crude & Products)	Fertiliser	Fertiliser Raw Material	Iron Ore	Coal	Food-grains	Others	Total
1	2	3	4	5	6	7	8	9
MUMBAI (a)								
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	15729	54541
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
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

(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
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	39336
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

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
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	386.1	296	599	0	7312	70	27413	36076

Table 3.2.3
(Contd...)

Commodity-wise Cargo Traffic Handled at Major Ports

(*000 Tonnes)

Year	POL (Crude & Residue)	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	9815	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	244	187	0	0	0	32907	46758
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	2993	99	0	0	20266	0	8388	31746
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	14889	8373	2	30402	72722

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	475	4072	23124	38999	0	8691	112689
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	6300	884	378	3179	10351	5	42886	63983

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
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
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	2047.96	5026	39361	31345	70706
2019-20	37880	26389	64268	3083	1098.15	4181	40962	27487	68449

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	16984	25431	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
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	7829	29108	7981	2056	10037	29260	9884	39145
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

Table 3.2.4
(Contd...)

Trend in Type-wise Cargo Traffic Handled at Major Ports

(*000 tonnes)

PORT/YEAR	Overseas			Coastal			Overseas & Coastal		
	Un-Loaded	Loaded	Total	Un-Loaded	Loaded	Total	Un-Loaded	Loaded	Total
1	2	3	4	5	6	7	8	9	10
V.O. CHIDAMBARANAR									
1996-97	1734	1545	3279	5877	18	5895	7611	1563	9174
1997-98	2791	1542	4333	5623	18	5641	8414	1560	9974
1998-99	3341	1629	4970	5144	36	5180	8485	1665	10150
1999-00	3732	2029	5761	4202	30	4232	7934	2059	9993
2000-01	3654	2396	6050	6185	49	6234	9839	2445	12284
2001-02	4094	3147	7241	5717	59	5776	9811	3206	13017
2002-03	3950	3690	7640	5614	40	5654	9564	3730	13294
2003-04	4281	3410	7691	5903	84	5987	10184	3494	13678
2004-05	6024	3665	9689	6036	86	6122	12060	3751	15811
2005-06	6509	3656	10165	6866	108	6974	13375	3764	17139
2006-07	7695	4302	11997	5807	197	6004	13502	4499	18001
2007-08	9824	5515	15339	5648	493	6141	15472	6008	21480
2008-09	11242	5070	16312	5128	571	5699	16370	5641	22011
2009-10	12870	4414	17284	5782	721	6503	18652	5135	23787
2010-11	12706	6585	19291	5688	748	6436	18394	7333	25727
2011-12	13404	7948	21352	6157	596	6753	19561	8544	28105
2012-13	13273	7466	20739	6581	940	7521	19854	8406	28260
2013-14	15412	6598	22010	5566	1066	6632	20978	7664	28642
2014-15	18891	7569	26460	5102	852	5954	23993	8421	32414
2015-16	21180	8291	29471	6187	1191	7378	27367	9482	36849
2016-17	22254	8719	30973	5743	1747	7490	27997	10466	38463
2017-18	18359	8252	26611	7812	2160	9972	26171	10412	36583
2018-19	16025	8048	24073	8127	2142	10269	24152	10190	34342
2019-20	19068	8304	27371	6755	1950	8705	25823	10254	36076
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
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

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
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
PARADIP									
1996-97	3733	1818	5551	126	5903	6029	3859	7721	11580
1997-98	4379	1676	6055	109	7138	7247	4488	8814	13302
1998-99	3939	1343	5282	568	7258	7826	4507	8601	13108
1999-00	4237	1933	6170	539	6927	7466	4776	8860	13636
2000-01	6015	3793	9808	833	9259	10092	6848	13052	19900
2001-02	5742	4415	10157	920	10054	10974	6662	14469	21131
2002-03	5914	5786	11700	1077	11124	12201	6991	16910	23901
2003-04	5896	7254	13150	809	11352	12161	6705	18606	25311
2004-05	7931	10649	18580	507	11017	11524	8438	21666	30104
2005-06	10950	12101	23051	474	9584	10058	11424	21685	33109
2006-07	12826	13951	26777	836	10904	11740	13662	24855	38517
2007-08	15103	14793	29896	1751	10790	12541	16854	25583	42437
2008-09	18482	15181	33663	1409	11340	12749	19891	26521	46412
2009-10	27509	17206	44715	1666	10630	12296	29175	27836	57011
2010-11	29658	14995	44653	1564	9821	11385	31222	24816	56038
2011-12	33790	7507	41297	2203	10754	12957	35993	18261	54254
2012-13	36848	2098	38946	2268	15338	17606	39116	17436	56552
2013-14	38509	7346	45855	2163	19985	22148	40672	27331	68003
2014-15	44389	1692	46081	1876	23054	24930	46265	24746	71011
2015-16	46683	770	47453	1547	27397	28944	48230	28167	76397
2016-17	53291	10174	63465	597	24897	25494	53888	35071	88959
2017-18	60740	9713	70453	762	30813	31575	61501	40526	102028
2018-19	62045	8996	71041	1233	37028	38262	63278	46025	109303
2019-20	59321	17959	77280	1102	34308	35409	60423	52267	112689
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

**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	545161	83273	76491	159764	490708	214218	704925

Table 3.2.5

Container Traffic Handled at Major Ports

(In Million Tonnes)

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

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														
2002-03	1537	811	13282	70	58	1074	1375	3536	191	25	574	1199	-	23732
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
UNLOADED														
2002-03	688	2332	9582	40	26	997	926	3683	105	8	924	651	-	19962
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
TOTAL														
2002-03	2225	3143	22864	110	84	2071	2301	7219	296	33	1498	1850	-	43694
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

Table 3.2.7

Passenger Traffic at Major Ports

(In '000)

Port/Year	Overseas			Coastal			Total		
	Embarked	Dis-embarked	Total	Embarked	Dis-embarked	Total	Embarked	Dis-embarked	Total
1	2	3	4	5	6	7	8	9	10
MUMBAI									
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
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
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

**Table
3.2.7(Contd.)**

Passenger Traffic at Major Ports

(In '000)

Port/Year	Overseas			Coastal			Total		
	Embarked	Dis-embarked	Total	Embarked	Dis-embarked	Total	Embarked	Dis-embarked	Total
1	2	3	4	5	6	7	8	9	10
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	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-
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
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

Table 3.2.7
Contd...

Passenger Traffic at Major Ports

(In '000)

Port/Year	Overseas			Coastal			Total		
	Embarked	Dis-embarked	Total	Embarked	Dis-embarked	Total	Embarked	Dis-embarked	Total
1	2	3	4	5	6	7	8	9	10
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
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
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

(a) : Included in coastal.

Note : There was no Passenger Traffic at Deendayal , J. L. Nehru and Kamarajar Ports for the period 1993-94 to 2019-20

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	36322	
	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	82274
	2017-18	145	3121	333	5693	684	21606	1584	56923	-	-	-	1	37	2747	87380
	2018-19	245	6817	398	7091	716	24466	1544	55162	0	0	0	0	0	2903	93536
	2019-20	374	9927	382	6915	733	23453	1606	56773	0	0	0	0	0	3095	97068
Mumbai	2000-01	472	5950	457	5030	134	1910	847	15730	11	310	(c)	(c)	1921	28930	
	2001-02	388	4190	466	5200	143	2260	790	16070	9	260	(c)	(c)	1796	27980	
	2002-03	316	4310	459	5350	131	2440	721	16080	2	70	(c)	(c)	1629	28250	
	2003-04	298	4270	532	5540	128	2650	840	18080	2	80	(c)	(c)	1800	30620	
	2004-05	249	3650	581	8300	216	4670	834	19910	3	110	(c)	(c)	1883	36640	
	2005-06	220	2960	665	10790	235	4940	933	22300	-	-	(c)	(c)	2053	40990	
	2006-07	133	2120	749	11920	234	5640	970	24070	1	40	-	-	2087	43790	
	2007-08	12	190	765	12250	234	6050	1055	25050	-	-	-	-	2066	43540	
	2008-09	12	320	672	11380	233	6030	1014	23000	-	-	-	-	1931	40730	
	2009-10	10	300	732	14600	283	7400	1021	24930	-	-	-	-	2046	47230	
	2010-11	14	330	715	15400	336	9090	1027	26250	-	-	-	-	2092	51070	
	2011-12	14	460	568	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	-	-	-	102	5814	1998	57042
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	36564	-	-	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	-	-	-	-	2582	130465	
	2019-20	1778	114049	78	331	66	1003	577	11507	0	0	0	0	2499	126889	
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	
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	-						

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
		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	20808	0	0	0	0	1141	42278
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	13970
	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
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	6888	463	13065	422	10668	-	-	-	-	2059	39873
	2007-08	713	12933	346	3402	455	12713	423	11232	-	-	48	2049	1985	42329
	2008-09	710	13885	352	3760	441	12685	441	11273	-	-	74	3135	2018	44738
	2009-10	703	14901	345	3837	446	12658	494	12000	-	-	85	4411	2073	47807
	2010-11	812	16387	399	4574	309	8670	502	12813	-	-	101	4963	2123	47407
	2011-12	789	18819	334	4143	223	5715	507	13094	-	-	103	5432	1956	47203
	2012-13	786	18169	358	5387	183	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	2260	1576	46893
	2019-20	594	20414	277	3850	88	1794	430	12844	0	0	50	2488	1439	41390
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
	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	1781						

Table 3.2.8(Contd...)

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

Port	Year	(GRT in '000)															
		Container		Break Bulk		Dry Bulk		Liquid Bulk		Lash		Ro-Ro		Total			
		No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT	No.	GRT		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Paradip	2000-01	3	26	8	138	632	16260	243	3845	15	437	-	-	-	-	901	20706
	2001-02	5	43	8	72	636	16616	241	3716	9	305	1	Neg.	-	900	20752	
	2002-03	17	156	4	39	669	18879	197	3329	3	91	-	-	-	890	22494	
	2003-04	23	192	85	228	757	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	-	-	-	-	-	1957	46188	
	2019-20	29	231	102	1048	1324	28911	549	16274	0	0	0	0	0	2004	46463	
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	3654	-	-	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		
SMP (Haldia)	2000-01	226	1437	88	952	367	9429	728	16691	-	-	-	-	1409	28509		
	2001-02	352	2890	97	963	358	9565	722	17112	-	-	9	109	1538	30639		
	2002-03	423	3316	125	1522	402	11341	715	19647	-	-	-	-	1665	35826		
	2003-04	457	3784	136	1462	457	12370	791	22053	-	-	-	-	1841	39669		
	2004-05	501	4197	124	1170	587	16141	881	24297	-	-	-	-	2093	45805		
	2005-06	500	4511	133	1654	767	20836	958	26723	-	-	-	-	2358	53724		
	2006-07	509	4592	121	1292	745	20691	997	28028	-	-	1	22	2300	54625		
	2007-08	499	4372	102	1006	850	21953	969	29218	-	-	1	25	2421	54510		
	2008-09	512	4567	81	800	769	20779	1046	30951	0	0	1	27	2399	56987		
	2009-10	432	4123	68	947	871	24815	860	20733	0	0	0	0	2231	50618		
	2010-11	355	3645	55	507	823	22623	998	24048	0	0	0	0	2231	50823		
	2011-12	291	3092	57	673	763	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		
All Ports	2000-01	3711	45013	2201	19306	3594	87623	5311	112754	66	1894	114	2632	14997	269222		
	2001-02	4188	55514	2376	20510	3555	91054	5153	110108	42	1251	256	2654	15570	281091		
	2002-03	4482	64152	2653	24144	3655	93988	4955	112757	8	246	299	2780	16052	298067		
	2003-04	4644	72624	2669	21003	4041	105747	5314	124254	2	80	1873	6457	18543	330165		
	2004-05	4425	70425	2675	23081	4640	119073	5463	132332	3	110	357	17563	17563	349301		
	2005-06	4919	75313	2957	31988	5218	138719	5873	145694	0	0	1934	2721	20901	394435		
	2006-07	5281	93277	3133	34412	5393	142866	6148	158137	1	40	337	804	20168	429536		
	2007-08	5439	105734	3133	30287	6204	157268	6401	170988	-	-	2471	6166	21529	470443		
	2008-09	5353	109135	2729	28579	6259	162502	6625	175000	0	0	96	3713	21038	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	9761	22519	520060		
	2013-14	4911	127968	2117	31796	5225	159075	6794	195254	0	0	100	5029	19147	519123		
	2014-15	5047	139399	2500	43710	5328	171042	6884	196217	0	0	118	5708	19877	556075		
	2015-16	5641	122930	2512	37483	5339	156453	7637	195613	0	0	254	12026	21383	524505		
	2016-17	5644	181862	2417	37483	5607	170932	7771	216777	0	0	216	9728	21655	616783		
	2017-18	5452	138805														

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.	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	198218	94539	89776	31252	60613	20291	151	562	22275	3463	25403	23136	15836
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

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	14752	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
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

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

**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 ware-housing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	
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	1119	205	520	402	1051	1493	1550
1999-00	10217	6528	2920	1560	4981	1155	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	866	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	5987	42687	6953	310	358	4186	1379	5244	26016	9476
2018-19	54916	40871	12843	6976	35077	7465	286	464	3745	2017	2965	20984	2965
2019-20	63654	47772	16262	6534	35991	6050	356	454	5681	12372	5364	16998	5364
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	2887	1526	381	232	11541	4912	6473
1998-99	43928	26834	8829	4284	19232	8453	3016	1701	337	276	12514	4898	7222
1999-00	45966	31440	8558	6071	21146	9915	3886	1725	314	235	12062	4712	8782
2000-01	47473	43713	7506	6807	24738	12302	4283	2408	522	289	10424	11228	10679
2001-02	62497	41143	6951	6431	22852	10610	3823	1888	353	253	28518	13052	8909
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
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	@	@	16729	11252	-	-	@	@	82	...	...
2011-12	25025	15353	-	-	24864	15353	-	-	-	-	161	...	...
2012-13	32570	15233	-	-	32021	15233	-	-	-	-	549	...	...
2013-14	52065	11801	12156	-	37366	11801	-	-	-	-	1872	...	...
2014-15	59750	15401	13805	-	41518	15401	-	-	671	-	1320	3107	...
2015-16	64456	26885	14262	2752	45236	9736	-	-	2150	0	2808	14397	0
2016-17	64050	18776	14506	2607	44742	12313	-	-	2766	0	2036	3856	0
2017-18	63829	26888	13134	3236	46935	14798	-	-	3029	0	731	8854	0
2018-19	71717	37681	16318	-	51265	18177	-	-	3215	0	919	19504	0
2019-20	73377	48465	17617	-	48228	18993	-	-	4473	0	3059	29472	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	1654	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
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	104379	49171	17256	78571	17030	23430	6974	5154	6194	16177	37686	19239

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
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
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

**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 ware-housing		On account of Railways		Land and building		Finance and Misc.		Management & General Administration
			Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Revenue	Exp.	Exp.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
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	1626292	1179437	515162	236084	732665	274896	73664	36355	150755	68501	154046	403038	160564

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	34285	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	172815	166234	189961	43117	57214	64903	58290	78755	70318	140479	156326	162271	65897	1426580
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	65201	66692	97648	62804	760939

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	101411	45664	86913	18485	29930	29336	32880	20934	51325	75278	89634	64623	3093	665641
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	231747
2019-20	103679	18976	105358	-747	21008	2130	21247	479	24903	29567	68125	53045	-44791	402979

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	43.00	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	41.00	72.53	45.75	57.13	48.00	54.83	43.59	73.42	27.00	46.41	42.66	60.18	95.31	53.34

**Table
3.2.12**

Employment of Manpower at Major Ports as on 31st March (2010-21

(In Numbers)

PORT	Year										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
1	2	3	4	5	6	7	8	9	10	11	12
DPT	4008	3774	4500	4221	3299	3112	2883	3339	2586	2446	2339
MbPT(a)	14059	13391	16379	15358	12017	10897	9969	9445	8629	7540	6429
JNPT	1739	1730	1718	1706	1697	1669	1638	1615	1567	1521	1473
MoPT	2891	2817	2665	2538	2330	2194	2068	1954	1730	1613	1517
NMPT(c)	1719	1636	1544	1435	1332	1255	1125	947	808	732	626
CoPT(a)	3948	3749	3005	2766	2530	2308	2067	1899	1723	1574	1394
VOC(b)	2191	2079	1954	1813	1646	1496	1366	1000	878	774	691
ChPT	8020	7774	7511	6582	5991	5733	5502	4597	4336	4126	3953
KPL	86	88	94	100	102	102	102	103	98	108	102
VPT	4877	4584	4189	4941	4703	4596	4158	3678	2778	3348	3150
PPT	2761	2634	2437	2234	2015	1771	1454	1222	1007	910	758
SMP(KDS)	5675	5374	5068	4828	4503	4150	3792	3425	3754	2794	2527
SMP (HDC)	3498	3304	3111	2887	2678	2454	2193	2011	1836	1476	1252
ALL MAJOR PORTS	55472	52934	54175	51409	44843	41737	38317	35235	31730	28962	26211

Source: Major Ports

**Table
3.2.13****Number of Dock Workers Registered With DLB'S of
Major Ports [As on 31st March,2010-2020]**

(In Numbers)

PORT	Year										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
1	2	3	4	5	6	7	8	9	10	11	12
DPT	(a)	789	(a)	(a)	(a)	(a)	593	593	0	0	365
MbPT	(a)	2586	(a)	(a)	(a)	(a)	1946	(a)	(a)	(a)	(a)
MoPT	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
CoPT	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
ChPT	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
VPT	978	859	874	846	892	868	829	798	738	707	628
SMP (KDS)	140	100	215	181	173	154	137	116	85	77	71
TOTAL	1118	4334	1089	1027	1065	1022	3505	1507	823	784	1064

(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,2010-2020]**

(In Numbers)

PORT											
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
1	2	3	4	5	6	7	8	9	10	11	12
DPT	-	-	-	-	-	-	-	-	-	-	335
VPT	-	-	-	-	-	-	-	-	-	-	0
SMP KDS	-	-	-	-	-	-	-	-	-	-	46
TOTAL	-	-	-	-	-	-	-	-	-	-	381

(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
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
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
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

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
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
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
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

**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
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
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	-	-	-	-	-	-	-	-	-
2018-19	-	-	-	-	-	-	-	-	-
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

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
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
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

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
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
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

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
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
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

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
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
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

Source: States/ State Maritime Boards

Table 3.3.3

Transshipment Traffic at Non-Major Ports

(In '000 Tonnes)

State/Port	Commodity	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
1	2	3	4	5	6	7	8	9
GUJARAT								
Magdalla	Others	-	-	414	-	-	-	-
MAHARASHTRA								
Dharamtar		-	-	-	-	-	-	-
ANDHRA PRADESH								
Deep water	Crude oil	-	-	-	-	-	-	-
Karnataka								
Belekeri	Barges	-	-	-	1	-	-	-
Hangakatta	Barges	-	-	-	1	-	-	-
Malpe	Barges	-	-	-	1	-	-	-
TAMIL NADU								
Nagapattinam	Others	-	-	2	1	-	-	-
Cuddalore		-	-	-	2	-	-	-
Orissa								
Dharma	Others	-	-	-	-	-	-	2736
Kerala								
Kozhikode/Bey pore		-	-	-	-	-	-	-
Koavalam/Vizhinjan	Others	-	7	-	-	-	-	-
PUDUCHERRY								
Karaikal	Ethylene	-	20	9	-	-	-	-
ANDAMAN & NICOBAR								
Port Blair	Container	-	-	6	34	30	46	66
	Others	-	-	-	-	-	-	1
Total Transhipmer		0	27	431	40	30	46	2802

**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

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
1	2	3	4	5	6	7	8	9	10	11
GUJARAT	0	0	0	0	0	0	0	1	2	1
Embarked	-	-	-	-	-	-	-	1	1	1
Disembarked	-	-	-	-	-	-	-	1	1	1
MAHARASHTRA	10565	17926	18415	17800	17835	18072	18282	19119	19291	15908
Embarked	5860	9549	9758	9477	9693	9770	9928	10439	10620	15335
Disembarked	4705	8378	8657	8322	8142	8303	8355	8680	8672	573
KERALA	21	1	18	25	23	17	18	16	16	16
Embarked	10	1	9	15	12	9	9	8	8	9
Disembarked	11	1	9	10	11	8	9	8	7	7
TAMILNADU	1926	2038	2070	2070	0	1992	2080	2186	2012	1996
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
Embarked	2	0	1	4	5	3	3	6	5	4
Disembarked	2	0	1	4	5	3	3	4	7	2
ANDAMAN GROUP	1020	1009	1139	1261	1244	1920	2213	2829	3217	3078
Embarked	507	505	573	615	611	951	1075	1370	1607	1572
Disembarked	513	504	566	646	633	969	1138	1459	1610	1506
LAKSHADWEEP	0	0	0	322	322	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
Embarked	7342	11073	11376	11307	10483	11729	12055	12917	13247	17918
Disembarked	6194	9902	10268	10178	8952	10278	10544	11245	11303	3087

Table 3.3.6

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

(In Number)

Type of vessels/year	Gujarat	Maharashtra	Goa	Karnatka	Kerala	Tamil Nadu	Puducherry	Andhra Pradesh *	Odisha	Sea Island #
1	2	3	4	5	6	7	8	9	10	11
STEAMERS										
2013-14	8577	95	-	120	216	136	184	741	-	9459
2014-15	8577	334	-	154	184	171	149	2565	-	5993
2015-16	N.A	N.A	-	151	156	272	177	1912	-	6405
2016-17 \$	9098	222	-	185	219	500	236	1697	-	9474
2017-18	9213	222	-	160	195	471	179	1721	-	4812
2018-19	9562	352	-	204	280	473	170	2088	-	13087
2019-20	9419	320	-	184	233	496	170	3519	-	16670
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
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

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
1	2	3	4	5	6	7	8	9	10	11
GUJARAT	981	1886	1814	1723	1593	1465	1327	1251	1056	935
MAHARASHTRA	84	158	361	117	111	111	50	50	53	87
GOA	141	148	155	144	142	150	142	142	136	129
DAMAN & DIU	22	13	10	10	10	10	10	16	6	5
KARNATAKA	145	124	124	124	0	60	61	53	53	36
KERALA	195	136	133	683	674	675	63	89	262	271
TAMIL NADU	51	56	28	35	19	37	30	49	35	35
PUDUCHERRY	66	60	485	485	222	178	218	233	245	245
ANDHRA PRADESH	269	1153	1195	1195	789	789	2153	2153	2278	2331
ANDAMAN & NICOBAR										
Island	448	422	425	641	647	638	623	603	623	505
Orissa	118	N.A	367	759	355	355	607	485	361	535
LAKSHADWEEP	N.A	N.A	N.A	111	111	N.A	N.A	N.A	N.A	N.A
TOTAL	2520	4156	5097	6027	4673	4468	5284	5124	5108	5114

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

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

SECTION – II

4. INTERNATIONAL PORT STATISTICS

Table 4.1

**World Port Traffic - Port traffic league by TEU of
total Containers Handled - 2013-2018**

(in '000 TEU)

Rank (2018)	Port Name	Country	Period	2013	2014	2015	2016	2017	2018	Percentage change over previous year	Avg. yearly growth rate 2014-2018
1	2	3	4	5	6	7	8	9	10	11	12
1	Shanghai	China PR of	CY	33620	35285	36516	37132	40199	42010	4.5	4.5
2	Singapore	Singapore	CY	32579	33869	30922	30904	33667	36599	8.7	2.0
3	Shenzhen	China PR of	CY	23280	24030	24142	23949	25031	25822	3.2	1.8
4	Ningbo	China PR of	CY	17330	19450	20636	21586	24451	25785	5.5	7.3
5	Guangzhou	China PR of	CY	15505	16363	17097	18311	20087	21793	8.5	7.4
6	Busan	Korea	CY	17686	18683	19469	19245	18263	21628	18.4	3.7
7	Hong Kong	China PR of	CY	22352	22226	20073	19813	20721	19655	-5.1	-3.0
8	Qingdao	China PR of	CY	15520	16624	17323	17998	18383	19457	5.8	4.0
9	Tianjin	China PR of	CY	13012	14050	13881	14269	15212	15931	4.7	3.2
10	Dubai Ports	UAE	CY	13632	15240	15585	14772	15368	14719	-4.2	-0.9
11	Rotterdam	Netherland	CY	11621	12298	12235	12385	13734	14513	5.7	4.2
12	Port Kelang	Malaysia	CY	10350	10946	11887	13201	11978	12316	2.8	3.0
13	Antwerp	Belgium	CY	5878	8978	9654	10037	10451	11100	6.2	5.4
14	Xiamen	China PR of	CY	8008	8572	9215	9630	10368	10667	2.9	5.6
15	Kaohsiung	Taiwan	CY	9938	10593	10264	10465	10271	10451	1.8	-0.3
16	Dalian	China PR of	CY	9910	10805	9591	9735	9861	9920	0.6	-2.1
17	Los Angeles	US	CY	7869	8340	8160	8391	9343	9440	1.0	3.1
18	Tanjung Pelepas	Malaysia	CY	7417	8232	8797	8013	8261	8961	8.5	2.1
19	Hamburg	Germany	CY	9257	9783	8821	8907	8815	8726	-1.0	-2.8
20	Laem Chabang	Thailand	CY	6041	6581	6821	7228	7797	8105	4.0	5.3
21	Long Beach	US	CY	6731	6821	7192	6775	7545	8095	7.3	4.4
22	New York/New Jersey	US	CY	5467	5772	6372	6252	6711	7180	7.0	5.6
23	Saigon Port	Vietnam	CY	4630	5625	5882	5888	6156	6506	5.7	3.7
24	Tanjung Priok	Indonesia	CY	5466	5034	5154	4935	5692	5835	2.5	3.8
25	Bremen Ports/Bremerhaven	Germany	CY	5838	5777	5547	5518	5514	5483	-0.6	-1.3
26	Valencia	Spain	CY	4328	4442	4615	5222	4780	5183	8.4	3.9
27	Jawaharlal Nehru	India	CY	4162	4467	4492	4500	4711	5052	7.2	3.1
28	Manila	Philippines	CY	3779	3810	3976	4427	4826	5021	4.0	7.1
29	Khor Fakkan/Shrajah	UAE	FY	4000	4256	4414	4903	4619	4780	3.5	2.9
30	Algeciras-La Linea	Spain	CY	4343	4555	4516	4781	4239	4759	12.3	1.1
31	Tokyo	Japan	CY	4885	4917	4150	4251	4500	4592	2.0	-1.7
32	Piraeus	Greece	CY	3199	3493	3360	3736	3692	4409	19.4	6.0
33	Savannah	US	CY	3034	3282	3737	3645	4026	4352	8.1	7.3
34	Manzanillo	Panama	CY	3038	3286	3583	3253	3959	4306	8.8	7.0
35	Santos	Brazil	CY	3449	3685	3780	3564	3840	4148	8.0	3.0
36	Jeddah	Saudi Arabia	CY	4561	4184	4102	3957	4218	4011	-4.9	-1.1
37	Northwest Seaport Alliar	US	CY	3488	3428	3531	3564	3659	3811	4.2	2.7
38	Tanger	Morocco	CY	2493	3078	2971	2964	3271	3472	6.1	3.1
39	Barcelona	Spain	CY	1697	2033	1965	2180	2953	3423	15.9	13.9
40	Metro Vancouver	Canada	CY	2825	2913	3054	2930	3209	3396	5.8	3.9
41	Port Said	Egypt	CY	2947	3258	3036	3203	3480	3388	-2.6	1.0
42	Mina Raysut (Salalah)	Oman	CY	3340	3030	2569	3325	3946	3385	-14.2	2.8
43	Felixtowe	UK	CY	3434	4072	3676	3635	3416	3359	-1.7	-4.7
44	Marsaxiokk	Malta	CY	2745	2869	3064	3079	3144	3310	5.3	3.6
45	Ambarli	Turkey	CY	3318	3445	3062	2780	3123	3170	1.5	-2.1
46	Keelung	Taiwan	CY	2642	2943	2666	2866	2972	3154	6.1	1.7
47	Inchon	Korea, Rep. Of	CY	2161	2335	2368	2679	3006	3108	3.4	7.4
48	Manzanillo, MX	Mexico	CY	2118	2369	2458	2581	2830	3079	8.8	6.8
49	Yokohama	Japan	CY	2926	2793	2789	2801	2927	3039	3.8	2.1
50	Saigon NewPort	Viet Nam	CY	2233	2602	2902	2664	2773	3018	8.8	3.8

Period: CY= calendar year FY= Fiscal year

Source: Shipping Statistics Year Book 2019, Institute of Shipping Economic and Logistics (ISL)

Table 4.2 World Port Traffic - Port Traffic League by Total Cargo Traffic 2014-2018

(In Million Tons)

S.No.	Port position(a)	Country	Nature	Period	Unit	2014	2015	2016	2017	2018	% change over previous year	Avg. Yearly growth 2014-2018
1	2	3	4	5	6	11	12	13	14	15	16	17
1	Shanghai	China, PR of	1	FY	MT	678	647	647	706	684	-3.2	0.2
2	Singapore	Singapore	1	FY	FT	581	576	593	628	630	0.4	2.0
3	Ningbo	China, PR of	1	FY	MT	430	449	469	514	552	7.4	6.4
4	Guangzhou	China, PR of	1	FY	MT	501	475	544	518	534	3.1	1.6
5	Port Hedland	Australia	1	FY	MT	447	453	485	505	513	1.6	3.5
6	Qingdao	China, PR of	1	FY	MT	420	430	444	466	495	6.2	4.2
7	Rotterdam	Netherlands	1	FY	MT	445	466	461	467	469	0.3	1.3
8	Busan	Korea, Rep. Of	1	FY	RT	335	348	350	385	461	20.0	8.3
9	Tianjin	China, PR of	1	FY	MT	446	440	428	361	366	1.4	-4.8
10	Dalian	China, PR of	1	FY	MT	337	321	318	334	343	2.8	0.4
11	Kwangyang	Korea, Rep. Of	1	FY	RT	253	272	283	292	302	3.4	4.5
12	Xiamen	China, PR of	1	FY	MT	185	201	234	252	282	12.1	11.2
13	Port of South Louisiana	US	1	FY	MT	265	266	268	279	275	-1.5	1.0
14	Hong Kong	Hong Kong	1	FY	MT	298	256	257	282	259	-8.2	-3.5
15	Houston	US	1	FY	MT	229	230	224	246	244	-0.8	1.6
16	Antwerp	Belgium	1	FY	MT	199	208	214	224	235	5.2	4.3
17	Itaqui	Brazil	1	FY	MT	144	147	180	189	235	24.5	13.0
18	Shenzhen	China, PR of	1	FY	MT	192	191	190	220	225	2.0	4.0
19	Qinhuangdao	China, PR of	1	FY	MT	262	247	180	238	222	-6.6	-4.0
20	Port Kelang	Malaysia	1	FY	MT	217	220	235	212	221	4.0	0.4
21	Ulsan	Korea, Rep. Of	1	FY	RT	171	171	175	180	203	12.9	4.4
22	Nagoya	Japan	1	FY	RT	208	198	193	196	197	0.3	-1.4
23	Los Angeles	US	1	FY	MT	177	177	183	198	195	-1.8	2.5
24	Long Beach	US	1	FY	RT	165	163	161	168	181	7.4	2.3
25	Dubai Ports	UAE	2	FY	MT	172	170	172	179	174	-2.8	0.3
26	Dampier	Australia	1	FY	MT	173	173	168	177	173	-2.4	0.0
27	Newcastle	Australia	1	FY	MT	164	164	168	167	165	-1.2	0.1
28	Inchon	Korea, Rep. Of	1	FY	RT	150	158	161	165	164	-1.1	2.2
29	Chiba	Japan	1	FY	FT	163	167	170	167	153	-8.1	-1.5
30	Metro Vancouver	Canada	1	FY	MT	140	138	136	142	147	3.5	1.3
31	Tanjung Pelepas	Malaysia	1	FY	MT	132	136	127	131	140	7.1	1.5
32	Hamburg	Germany	1	FY	MT	146	138	138	136	136	0.0	-1.6
33	Santos	Brazil	1	FY	MT	99	120	114	130	133	2.5	7.7
34	Yanbu	Saudi Arabia	1	FY	MT	45	66	67	66	128	92.6	29.5
35	Tubarao	Brazil	1	FY	MT	134	137	134	131	124	-5.0	-1.9
36	Gladstone	Australia	1	FY	MT	99	116	120	121	124	2.9	5.7
37	Kaohsiung	Taiwan	1	FY	MT	123	111	117	116	119	2.3	-0.9
38	Hay Point	Australia	1	FY	MT	115	116	106	120	118	-1.8	0.7
39	Itaguaí	Brazil	1	FY	MT	112	110	112	117	116	-0.5	1.0
40	Pyeongtaek	Korea, Rep. Of	1	FY	RT	109	117	112	112	115	2.9	1.3
41	Saigon Port	Viet Nam	1	FY	MT	83	83	103	95	114	20.5	8.2
42	Yokohama	Japan	1	FY	FT	117	115	109	114	114	0.4	-0.7
43	Paradip	India	1	FY	MT	71	76	89	102	109	7.1	11.4
44	Algras-La Line	Spain	1	FY	MT	88	92	97	96	103	6.5	3.9
45	Kitakyushu	Japan	1	FY	FT	100	99	99	102	102	0.3	0.5
46	Saldanha Bay	South Africa	1	FY	MT	66	72	67	70	100	42.7	10.8
47	Amsterdam Ports	Netherlands	1	FY	MT	96	99	96	99	100	1.0	0.8
48	Ust-Luga	Russia	1	FY	MT	76	88	93	103	99	-4.4	6.9
49	Corpus Christi	US	1	FY	MT	91	94	86	93	96	3.3	1.4
50	Kobe	Japan	1	FY	FT	92	97	98	100	95	-4.4	0.8

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

Source: Shipping Statistics Year Book 2019 Published by Institute of Shipping Economics and Logistics (ISL)

Table 4.3

Cargo Traffic - For Selected Ports in Asia - 2014-2018

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)	2014	113552	184185	297737	7.9	72.6	22.1	5.3	10955	11271	22226	-0.6	92.9
	2015	103752	152736	256488	-13.9	73.7	18.4	7.9	09794	10279	20073	-9.7	93.9
	2016	105956	150774	256730	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
Shanghai (China)	2014	292433	385943	678376	-2.7	...	...	...	...	...	35285	0.0	...
	2015	258977	387537	646514	-4.7	...	...	...	...	...	36516	3.5	...
	2016	259351	388095	647446	0.1	...	...	...	...	...	37132	1.7	...
	2017	286547	419852	706399	9.1	...	...	...	...	...	40233	8.4	...
	2018	279947	403973	683920	-3.2	...	...	...	...	...	41924	4.2	...
Chiba(a) (Japan)	2014	43732	119098	162830	5.8	12.7	24.6	62.7	...	...	...	...	...
	2015	43878	123086	166964	2.5	13.1	24.7	62.3	...	...	...	...	...
	2016	44133	110199	154332	-7.6	...	...	...	...	...	...	...	...
	2017	41403	111888	153291	-0.7	...	...	...	...	...	...	...	...
	2018	43327	109871	153198	-0.1	...	...	...	...	...	...	...	...
Port Kelang(a) (Malaysia)	2014	95559	121730	217289	9.2	92.4	4.8	2.9	5463	5483	10946	5.8	...
	2015	100644	119142	219786	1.1	93.1	4.6	2.2	5945	5942	11887	8.6	...
	2016	113709	121748	235457	7.1	96.4	0.8	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
Singapore(a) (Singapore)	2014	...	...	581268	3.6	66.1	2.6	31.3	...	...	33869	4.0	92.0
	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

Table 4.3
(Contd...)

Cargo Traffic - For Selected Ports in Asia - 2014-2018

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)	2014	68078	103782	171860	5.0	...	...	...	7054	8186	15240	11.8	...
	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	...
Manila													
(Philippines)	2014	16988	34036	51024	13.2	84.3	7.0	8.6	1938	1873	3811	0.8	85.8
	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	88.5	8.9	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
Colombo													
(Sri Lanka)	2014	29254	41540	70794	11.5	...	...	...	...	...	1747	-7.1	...
	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	...
Busan(b)													
(South Korea)	2014	178425	156986	335411	3.9	94.0	2.4	3.6	9333	9350	18683	5.6	90.1
	2015	181041	166672	347713	3.7	93.9	2.4	3.7	10105	9363	19468	4.2	90.1
	2016	185747	163961	349708	0.6	94.0	2.4	3.6	9651	9595	19246	-1.1	90.7
	2017	209451	175079	384530	10.0	96.5	2.8	0.6	10304	9673	19977	3.8	90.5
	2018	237042	224419	461461	20.0	94.6	3.4	2.0	10808	10854	21662	8.4	90.8
Bangkok													
(Thailand)	2014	10221	11374	21595	10.0	100.0	...	...	681	855	1536	2.1	90.4
	2015	9760	12088	21848	1.2	99.7	...	...	662	897	1559	1.5	90.4
	2016	11966	9823	21789	-0.3	95.7	...	...	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

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

Source : Shipping Statistics Year Book 2019 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

(Rs. in crore)

S.No.	Item	2013-14	2014-15	2015-16	2016-17	2017-18*	2018-19#	2019-20@	Percentage Change Over Previous Year						
									2013-14	2014-15	2015-16	2016-17	2017-18*	2018-19#	2019-20@
1.	Agriculture, forestry and fishing	16,09,198	16,05,715	16,16,146	17,26,004	18,40,023	18,87,145	19,68,571	5.6	-0.2	0.6	6.8	6.6	2.6	4.3
1.1	Crops	10,37,060	9,98,425	9,69,344	10,20,258	10,75,111	10,57,785	10,99,586	5.4	-3.7	-2.9	5.3	5.4	-1.6	4.0
1.2	Livestock	3,63,558	3,90,449	4,19,637	4,61,572	4,97,830	5,39,945	5,77,720	5.6	7.4	7.5	10.0	7.9	8.5	7.0
1.3	Forestry and logging	1,32,093	1,34,609	1,36,960	1,44,547	1,52,351	1,64,330	1,64,894	5.9	1.9	1.7	5.5	5.4	7.9	0.3
1.4	Fishing and aquaculture	76,487	82,232	90,205	99,627	1,14,730	1,25,084	1,26,370	7.2	7.5	9.7	10.4	15.2	9.0	1.0
2.	Mining and quarrying	2,63,107	2,88,685	3,17,974	3,49,248	3,29,612	3,30,521	3,22,116	0.2	9.7	10.1	9.8	-5.6	0.3	-2.5
3.	Manufacturing	15,60,709	16,83,938	19,03,850	20,54,764	22,09,428	23,26,067	22,69,424	5.0	7.9	13.1	7.9	7.5	5.3	-2.4
3.1	Food products, beverages and tobacco	1,53,560	1,57,637	1,83,150	2,02,964	2,14,366	2,54,880	2,45,757	-0.6	2.7	16.2	10.8	5.6	18.9	-3.6
3.2	Textiles, apparel and leather products	2,16,411	2,16,429	2,58,936	2,61,079	2,80,873	2,95,440	2,90,102	22.0	0.0	19.6	0.8	7.6	5.2	-1.8
3.3	Metal products	2,77,322	2,61,206	2,25,306	2,85,206	3,19,555	3,24,134	3,28,069	16.3	-5.8	-13.7	26.6	12.0	1.4	1.2
3.4	Machinery and equipment	3,24,994	3,57,017	4,29,550	4,74,418	5,33,307	5,99,027	5,79,215	-6.0	9.9	20.3	10.4	12.4	12.3	-3.3
3.5	Other manufactured goods	5,88,422	6,91,649	8,06,908	8,31,097	8,61,327	8,52,586	8,26,282	3.1	17.5	16.7	3.0	3.6	-1.0	-3.1
4.	Electricity, Gas, Water supply & Other utility services	1,99,601	2,14,047	2,24,158	2,46,496	2,72,650	2,94,488	3,00,532	4.2	7.2	4.7	10.0	10.6	8.0	2.1
5.	Construction	8,00,771	8,35,229	8,65,335	9,16,445	9,64,306	10,25,446	10,35,534	2.7	4.3	3.6	5.9	5.2	6.3	1.0
6.	Trade, repair, Hotels and Restaurants	10,34,506	11,35,841	12,61,426	13,89,322	15,68,175	17,06,849	18,27,508	5.4	9.8	11.1	10.1	12.9	8.8	7.1
6.1	Trade & repair services	9,41,941	10,37,640	11,50,121	12,68,230	14,35,984	15,62,426	16,70,775	6.0	10.2	10.8	10.3	13.2	8.8	6.9
6.2	Hotels & restaurants	92,565	98,201	1,11,305	1,21,092	1,32,191	1,44,422	1,56,733	-0.4	6.1	13.3	8.8	9.2	9.3	8.5
7.	Transport, Storage, Communication & Services related to broadcasting	6,17,556	6,71,848	7,31,399	7,57,056	8,00,245	8,30,571	8,72,289	8.4	8.8	8.9	3.5	5.7	3.8	5.0
7.1	Railways	73,685	80,720	85,452	82,161	87,886	91,350	94,524	6.5	9.5	5.9	-3.9	6.97	3.94	3.47
7.2	Road transport	3,00,563	3,20,813	3,43,155	3,62,324	3,96,401	4,17,334	4,31,820	6.4	6.7	7.0	5.6	9.4	5.3	3.5
7.3	Water transport	7,345	7,954	8,095	8,569	11,915	12,622	13,007	4.2	8.3	1.8	5.9	39.0	5.9	3.0
7.4	Air transport	4,550	5,188	6,053	7,172	8,373	9,397	9,151	8.8	14.0	16.7	18.5	16.7	12.2	-2.6
7.5	Services incidental to transport	70,172	75,596	81,156	86,835	84,351	89,017	91,277	5.6	7.7	7.4	7.0	-2.9	5.5	2.5
7.6	Storage	5,210	5,529	6,245	6,100	12,976	13,701	14,052	-8.9	6.1	13.0	-2.3	112.7	5.6	2.6
7.7	Communication & services related to broadcasting	1,56,031	1,76,047	2,01,243	2,03,896	1,98,344	1,97,151	2,18,458	16.0	12.8	14.3	1.3	-2.7	-0.6	10.8
8.	Financial services	5,77,914	6,27,255	6,72,788	6,95,983	7,28,670	7,63,153	7,94,744	9.1	8.5	7.3	3.4	4.7	4.7	4.1
9.	Real estate, Ownership of dwelling & Professional services	12,89,493	14,46,460	16,21,999	17,96,983	18,08,521	19,55,632	21,21,765	12.1	12.2	12.1	10.8	0.6	8.1	8.5
10.	Public administration and Defence	5,10,046	5,43,853	5,65,106	6,14,238	6,76,507	7,22,248	7,74,359	1.7	6.6	3.9	8.7	10.14	6.76	7.22
11.	Other services	6,00,748	6,59,262	7,11,691	7,81,744	8,36,035	9,02,084	9,84,628	5.7	9.7	8.0	9.8	6.9	7.9	9.2
12.	TOTAL GVA at basic prices	90,63,649	97,12,133	1,04,91,870	1,13,28,285	1,20,34,171	1,27,44,203	1,32,71,471	6.1	7.2	8.0	8.0	6.2	5.9	4.1

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

Source: First Revised Estimates of National Income, Consumption Expenditure, Saving and Capital Formation, 2019-20, 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)									
1991-92	414.7	17450.7	17865.4	5324.8	14085.7	19410.5	-4910.1	3365	-1545.1
1992-93	476.2	18061	18537.2	6100	15781.6	21881.6	-5623.8	2279.4	-3344.4
1993-94	397.8	21840.5	22238.3	5753.5	17552.7	23306.2	-5355.7	4287.8	-1067.9
1994-95	416.9	25913.6	26330.5	5927.8	22726.5	28654.4	-5510.9	3187.1	-2323.8
1995-96	453.7	31341.2	31794.9	7525.8	29149.5	36675.3	-7072	2191.7	-4880.4
1996-97	481.8	32987.9	33469.7	10036.2	29096.2	39132.4	-9554.4	3891.7	-5662.7
1997-98	352.8	34653.7	35006.4	8164	33320.5	41484.5	-7811.2	1333.1	-6478.1
1998-99	89.4	33129.3	33218.7	6398.6	35990.1	42388.7	-6309.2	-2860.8	-9170
1999-00	38.9	36783.5	36822.4	12611.4	37059.3	49670.7	-12572.5	-275.8	-12848.3
2000-01	1869.7	42690.6	44560.3	15650.1	34886.4	50536.5	-13780.4	7804.2	-5976.2
2001-02	2119.1	41707.6	43826.7	14000.3	37413	51413.3	-11881.2	4294.6	-7586.6
2002-03	2576.5	50142.9	52719.4	17639.5	43772.6	61412.1	-15063	6370.3	-8692.7
2003-04	3568.4	60274.1	63842.6	20569.5	57579.6	78149.1	-17001.1	2694.5	-14306.5
2004-05	6989.3	76546.6	83535.9	29844.1	81673.3	111517.4	-22854.8	-5126.7	-27981.5
2005-06	11639.6	91450.9	103090.5	43963.1	105202.6	149165.7	-32323.5	-13751.7	-46075.2
2006-07	18634.6	107779.5	126414.1	56945.3	128790	185735.2	-38310.7	-21010.5	-59321.2
2007-08	28363.1	134541.1	162904.2	79644.5	171794.7	251439.2	-51281.4	-37253.6	-88535
2008-09	27547	157748	185295	93671.7	210024.6	303696.3	-66124.8	-52276.6	-118401.3
2009-10	28192	150559.5	178751.4	87135.9	201237	288372.9	-58943.9	-50677.5	-109621.4
2010-11	41480	209656.2	251136.2	105964.4	263804.7	369769.1	-64484.4	-54148.5	-118632.9
2011-12	56038.5	249925.3	305963.9	154967.6	334352	489319.5	-98929	-84426.6	-183355.7
2012-13	60865.1	239535.5	300400.6	164040.6	326696.1	490736.6	-103175.4	-87160.6	-190336.1
2013-14	63179.4	251236.4	314415.7	164770.3	285443.3	450213.6	-101591	-34206.9	-135797.9
2014-15	56794.1	253557.9	310352	138325.5	309707.9	448033.4	-81531.4	-56150	-137681.4
2015-16	30582.6	231708.4	262291.1	82944.5	298063.3	381007.8	-52361.8	-66354.8	-118716.7
2016-17	31545.3	244307.2	275852.4	86963.8	297393.2	384357	-55418.6	-53086	-108504.6
2017-18	37465.1	266061.1	303526.2	108658.7	356922.3	465581	-71193.6	-90861.2	-162054.8
2018-19	46553.6	283524.5	330078.1	140920.6	373157.8	514078.4	-94367.1	-89633.3	-184000.3
2019-20	41163.8	271974.7	313138.5	130531.9	343463.3	473995.2	-89368.2	-71488.5	-160856.7

(₹ Crore)

1991-92	1022	43020	44042	13127	34724	47851	-12105	8295	-3809
1992-93	1379	52309	53688	17142	46233	63375	-15763	6076	-9686
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	291418	1926815	2218233	925031	2430731	3355762	-633613	-503917	-1137530

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

Source : Directorate General of Commercial Intelligence and Statistics.

Table 5.3

Imports of Principal Commodities

Commodity / Year	(US \$ Million)						(₹ Crore)					
	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
1	2	3	4	5	6	7	8	9	10	11	12	13
1. Cotton Raw & Waste	508.8	394.1	946.9	979.3	633.1	1328.4	3102	2566	6339	6307	4383	9371
2. Vegetable Oil	10621.5	10492.1	10892.7	11637.5	9890.3	9672.9	64890	68677	73039	74996	69024	68558
3. Pulses	2786.1	3902.2	4244.1	2908.3	1140.8	1440.1	17063	25619	28523	18749	8035	10221
4. Fruits & vegetables	1665.7	1853.3	1783.4	2092.6	2143.9	2221.3	10182	12113	11965	13489	15027	15757
5. Pulp and Waste paper	944.0	955.7	975.1	1154.6	1311.7	1143.0	5781	6265	6537	7442	9186	8091
6. Textile yarn Fabric, made-up articles	1691.5	1715.1	1502.5	1837.3	1900.0	1923.2	10340	11224	10079	11843	13305	13605
7. Fertilisers, Crude & manufactured	7398.7	8071.5	5024.0	5376.3	7467.4	7468.1	45295	52502	33706	34654	52095	52817
8. Sulphur & Unroasted Iron Pyrts	286.4	217.1	131.2	165.9	217.1	117.7	1750	1422	879	1068	1528	833
9. Metaliferrous ores & other minerals	9299.4	7298.6	6194.2	9096.9	7583.3	5088.9	56886	47573	41554	58631	52867	35989
10. Coal, Coke & Briquettes, etc.	17802.6	13667.6	15759.9	22901.2	26177.8	22455.1	108906	89304	105753	147641	183025	158865
11. Petroleum, Crude & products	138325.5	82944.5	86963.8	108658.7	140920.6	130531.9	842874	540505	583217	700321	986275	925031
12. Wood & Wood products	5471.0	5048.1	4891.8	6027.3	6126.5	5612.2	33413	33042	32817	38850	42841	39699
13. Leather & leather products	1005.1	968.1	935.3	1009.2	1057.7	1014.0	6148	6339	6274	6504	7397	7176
14. Organic & Inorganic Chemicals	18593.0	16586.4	16598.4	20631.5	23827.7	20617.2	113494	108341	111296	133000	166544	145864
15. Dyeing/tanning/colou	2447.8	2247.5	2282.7	2887.5	3221.9	2906.3	14937	14699	15307	18610	22538	20565
16. Artificial resins, plastic materials, etc.	12070.3	11794.6	11964.0	14487.7	15682.0	14633.5	73718	77070	80227	93384	109633	103587
17. Chemical material & products	5306.0	5151.8	5375.1	6663.4	7707.6	7643.2	32424	33722	36059	42944	53933	54110
18. Newsprint	839.3	805.4	849.9	776.7	977.7	700.6	5128	5270	5700	5007	6854	4952
19. Pearls, precious & Semi-precious stones	22598.2	20069.9	23808.6	34278.9	27075.7	22458.8	137968	131366	159464	220966	188881	159066
20. Iron & Steel	16301.3	14977.5	11683.0	14617.6	17656.7	15369.5	99753	97960	78388	94206	123501	108655
21. Non-ferrous metals	10746.1	9726.1	9868.8	12811.7	14733.0	13138.7	65724	63587	66193	82584	103034	92994
22. Machine tools	3137.2	2757.5	3034.6	3519.6	4642.5	4193.1	19181	18071	20347	22680	32490	29665
23. Machinery, electrical & non-	27979.1	29436.1	28445.8	34258.8	39758.7	39568.2	171214	193019	190806	220828	277891	280208
24. Transport equipment	18345.4	18227.8	22687.7	22732.5	24775.8	24568.9	112521	119489	152337	146509	173621	174276
25. Project goods	3631.4	2761.1	2074.4	2077.6	2375.6	2025.5	22212	18043	13915	13392	16618	14355
26. Professional instrument, Optical	3714.5	3621.7	3857.2	4754.6	5187.4	5020.1	22714	23719	25869	30650	36284	35562
27. Electronic goods	36857.1	40021.9	41930.4	51540.9	55471.0	52526.7	225442	262083	281197	332201	388118	371840
28. Medcnl. & Pharmaceutical	5432.8	5440.0	4995.0	5480.7	6359.5	6460.5	33211	35575	33502	35330	44429	45732
29. Gold	34407.2	31770.7	27518.0	33657.2	32910.1	28229.7	210658	207488	184439	217072	229537	199250
30. Silver	4523.5	3742.7	1839.2	3213.8	3748.2	2727.8	27686	24436	12329	20725	26189	19162
31. Other Commodities	23297.0	24340.8	25299.2	23345.4	21397.4	21190.4	142469	159217	169617	150453	149594	149906
Total Imports	448033.4	381007.8	384357.0	465581.0	514078.4	473995.2	2737087	2490306	2577675	3001033	3594675	3355762

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)					
	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
1	2	3	4	5	6	7	8	9	10	11	12	13
1. Tea	681.8	720.0	731.3	837.4	830.9	826.5	4171	4719	4906	5397	5828	5851
2. Coffee	814.0	783.9	842.8	968.6	822.3	738.9	4973	5125	5646	6245	5722	5237
3. Rice	7853.1	5846.6	5733.8	7806.2	7750.6	6396.6	48028	38202	38443	50308	53975	45379
4. Other cereals	869.1	261.2	212.3	248.6	349.0	204.4	5262	1702	1426	1604	2426	1449
5. Tobacco	958.6	982.0	958.7	934.3	981.3	905.0	5869	6452	6424	6022	6859	6408
6. Spices	2430.3	2541.5	2851.9	3115.4	3322.4	3622.6	14848	16630	19111	20085	23218	25651
7. Cashew	909.3	768.6	786.9	922.4	654.4	566.8	5566	5028	5279	5945	4579	4018
8. Oil Meals	1324.2	553.0	805.4	1093.2	1508.6	827.5	8129	3600	5410	7043	10557	5859
9. Oil seeds	1735.4	1246.9	1355.2	1174.3	1156.8	1318.1	10637	8176	9104	7573	8081	9363
10. Fruits & Vegetables	2153.5	2268.8	2454.7	2513.3	2540.9	2373.6	13175	14893	16452	16203	17754	16867
11. Cereal preparations & miscellaneous processed items	1257.7	1319.8	1270.8	1416.6	1555.4	1536.4	7688	8636	8520	9132	10887	10887
12. Marine Products	5510.5	4767.5	5903.1	7389.2	6802.6	6722.0	33688	31219	39594	47646	47665	47618
13. Meat, dairy & poultry products	5385.0	4575.5	4368.8	4610.1	4363.7	3714.1	32967	29992	29281	29730	30530	26302
14. Iron Ore	515.3	191.5	1533.5	1471.1	1317.3	2625.0	3143	1263	10291	9488	9260	18607
15. Mica, Coal & Other Ores, Minerals including processed minerals	3903.5	3656.0	3578.2	3776.9	4254.7	3941.8	23856	23932	23983	24342	29718	27938
16. Leather & leather products	6030.5	5407.8	5165.6	5289.1	5140.8	4645.3	36847	35367	34651	34084	35934	32877
17. Ceramic products & glassware	1644.4	1712.1	1856.6	2131.8	2649.2	2869.9	10052	11198	12449	13739	18557	20336
18. Gems & Jewellery	41266.1	39284.3	43412.8	41544.4	40251.0	35891.7	252208	257421	290903	267833	281408	254066
19. Drugs & Pharmaceuticals	15431.5	16909.5	16785.0	17282.8	19146.6	20702.7	94350	110647	112547	111409	133941	146746
20. Organic & Inorganic Chemicals	12473.6	11731.3	12336.1	15949.5	19222.7	18723.6	76259	76799	82731	102810	134421	132620
21. Engineering Goods	73074.8	61949.5	67216.1	78695.7	83621.6	78688.4	447044	405060	450592	507315	584094	557488
22. Electronic Goods	6260.8	5959.5	5962.9	6393.1	8829.4	11700.9	38264	39064	39980	41220	61908	82938
23. Cotton Yarn/Fabs./made-ups, Handloom Products etc.	10774.6	10119.4	9862.2	10260.4	11215.1	10026.0	65911	66225	66160	66141	78374	71042
24. Man-made Yarn/Fabs./made-ups etc.	5275.0	4621.7	4557.1	4826.3	4980.5	4821.0	32255	30219	30559	31108	34817	34172
25. RMG of all Textiles	16833.3	16964.4	17368.2	16706.9	16138.3	15487.7	102943	111019	116459	107644	112701	109688
26. Jute Mfg. including Floor Covering	297.0	295.4	309.9	335.1	324.9	342.6	1814	1935	2080	2159	2274	2428
27. Carpet	1360.8	1440.1	1490.2	1429.8	1481.9	1373.3	8318	9426	9992	9215	10375	9725
28. Handicrafts excl. hand made carpet	1378.0	1648.0	1926.7	1823.3	1838.1	1786.5	8426	10802	12917	11754	12854	12657
29. Petroleum Products	56794.1	30582.6	31545.3	37465.1	46553.6	41163.8	346082	199638	211509	241435	325929	291418
30. Plastic & Linoleum	5746.0	5764.2	5796.5	6851.1	8607.5	7551.1	35081	37751	38870	44164	60221	53459
31. Other Commodities	19410.2	17418.8	16873.7	18264.2	21865.7	21044.9	118591	114243	113166	117721	152859	149139
Total Exports	310352.0	262291.1	275852.4	303526.2	330078.1	313138.5	1896445	1716384	1849434	1956515	2307726	2218233

Note : Data for 2019-20 are provisional and data for 2018-19 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
1983-84	9771	74.4	15831	85.4	81.2
1984-85	11744	77.3	17134	87.7	83.6
1985-86	10895	71.7	19658	87.9	82.2
1986-87	12569	65.8	20201	82.7	76.1
1987-88	15674	62.1	22244	77.2	71.0
1988-89	20232	59.7	28235	72.9	67.4
1989-90	27681	59.5	35416	69.6	65.2
1990-91	32553	67.3	43193	81.1	75.1
1991-92	44042	66.6	47851	80.8	74.0
1992-93	53688	64.9	63375	78.0	72.0
1993-94	69751	66.1	73101	96.0	81.4
1994-95	82673	64.3	89971	79.8	72.4
1995-96	106353	63.7	122678	80.7	72.8
1996-97	118817	67.4	138920	82.4	75.5
1997-98	130101	64.4	154176	74.7	70.0
1998-99	139752	62.2	178332	67.9	65.4
1999-00	159095	58.4	215528	68.8	64.4
2000-01	129940	64.5	156166	68.4	66.6
2001-02	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

Source : DGCI & S, Ministry of Commerce

Table 5.6

Outlay And Expenditure-Port Sector (central)

(Rs. In Crore)

Port	Annual Plan (2010-11)		Annual Plan (2011-12)		Annual Plan (2012-13)		Annual Plan (2013-14)		Annual Plan (2014-15)		Annual Plan (2015-16)		Annual Plan (2016-17)		Annual Plan (2017-18)		Annual Plan (2018-19)		Annual Plan (2019-20)	
	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)	50.88	49.76	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
Mumbai	179.58	116.76	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
JNPT	89.61	38.24	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
Chennai	243.00	184.46	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
Cochin	259.35	160.86	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
Visakhapatnam	151.00	121.19	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
Deendayal	45.66	52.70	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
Mormugao	66.29	71.52	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
Paradip	166.21	81.26	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
New Mangalore	31.00	24.56	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
V.O. Chidambaranar	90.94	172.08	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
Kamarajar Port Ltd.	95.00	70.12	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
Sethusamudram Ship Canal Project	10.00	6.02	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
WEB Based EDI Port Community	4.88	4.46	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
Others (b)	362.86	223.31	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
Survey Vessels	15.00	15.00	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
Total	1861.26	1392.30	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

(a) Includes Haldia and RR Schemes

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

* The amount is received as equity from &&-Rs.66.63 advanced paid earlier now Transferred 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 2019-20

(In '000 Tonnes)

Type of Cargo	Indian Lines	% Share	Foreign Lines	% Share	Total
General Cargo					
Loaded	406	1.80	22093	98.20	22499
Unloaded	39	0.25	15226	99.75	15265
Total	445	1.18	37319	98.82	37764
Container					
Loaded	3508	3.26	104148	96.74	107656
Unloaded	2662	2.33	111601	97.67	114262
Total	6170	2.78	215749	97.22	221918
Dry Bulk					
Loaded	2409	3.44	67644	96.56	70054
Unloaded	9103	2.62	337772	97.38	346874
Total	11512	2.76	405416	97.24	416928
POL/Product & Other Liquids					
Loaded	2182	3.21	65823	96.79	68005
Unloaded	49333	15.34	272291	84.66	321624
Total	51515	13.22	338114	86.78	389629
Grand Total					
Loaded	8505	3.17	259708	96.83	268214
Unloaded	61136	7.66	736889	92.34	798025
Total	69641	6.53	996598	93.47	1066239

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 there under.

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

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

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

7. Modernisation and development of Major Ports is a plan scheme. The Major Ports are empowered to receive loans in any currency or currencies from any bank or financial institution (prior sanction of government required if loan exceeds 50% of capital reserves of the board) , open market and levy rates and fees for the services rendered. . Their annual accounts are subject to audit

by the Comptroller and Auditor General of India. Board have to submit to the Central Government a detailed report of the administration of the Board during the preceding year ending on the thirty-first day of March

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

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

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

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

12. Major Development in port sector

a) **Privatisation of port facilities:** The Government has laid down guidelines for private sector participation in the port sector. Following areas have been identified.

- i) Leasing out assets of the port.
- ii) Construction and operation of container terminals, multipurpose cargo berths and specialised cargo berths, warehousing, storage facilities, tank farms, container freight stations, setting up of captive power plants etc. 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 Shipping. The Ministers in-charge of Ports in all Maritime States, UT of Pondicherry and A&N Administration, Daman & Diu and Lakshadweep are its members. The 17th Meeting of Maritime State Development Council (MSDC) was held on 15.10.2019 at New Delhi under the chairmanship of Hon'ble Minister of State for Shipping (Independent Charge) with Ministers and officials from various Maritime States and Government of India. The meeting agreed that there is a need for a closer and active interaction between the Central Govt. and the Maritime States/UTs for augmenting the infrastructure development and safety & security of the ports as ports play a vital role in EXIM Trade.
- e) **Tariff Authority for Major Ports (TAMP):** The Tariff Authority for Major Ports (TAMP) was created in 1997 by an amendment to the Major Port Trusts Act, 1963 and was constituted by the Government of India through a Gazette Notification on 10/04/1997. The role of Tariff Authority for Major Ports (TAMP) for fixation of the tariff has been done away in the new MPA Act'2021. Tariff Authority for Major Ports will discharge the functions of the Adjudicatory Board under this Act and shall cease to exist immediately after the constitution of the Adjudicatory Board. Adjudicatory Board will adjudicate disputes among Major Ports, Public Private Partnership concessionaires and captive users.
- f) **SAROD (Ports) :** To take care of the pending or future disputes between the ports and the PPP concessionaires, the Society for affordable redressal of disputes (SAROD-Ports) has been formed by the Indian Ports Association (IPA) in association with Indian Private Ports & Terminals (IPPTA) under the Societies Registration Act, 1860. The Society has been registered in Delhi on 30.01.2020 and shall be functioning as per the Rules and Regulations framed and amended from time to time.

DEFINITIONS OF TERMS USED

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

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