

CHAPTER - II :PRICE AND QUANTITY TRENDS IN
INDIAN IMPORTSIntroduction.

It is well known that with the process of the development of the Indian economy, imports have tremendously increased over a period of time in value term. However, this marked increase in imports is due to the combined effects of the change in price of commodity imports as well as of the change in the quantity of commodity imports. Hence, if aggregates are used over a period of years, they show only the combined effects of the changes in the volume of imports and of prices. Hence one of the essential problems is to separate out the effects of two factors to determine how much of change in value is due to changing prices and how much the change in the value of imports arises on account of changes in the volume of imports.

Imports aggregates comprise a heterogeneous group of commodities for which there is no significant quantity measure common to all. It is only through the construction of index

numbers that it is possible to get any measure of changes in volume and price of imports. In order to separate out the joint effect of price and quantity changes on the value of imports an attempt is made in the present study to construct price and volume indices for all the commodities which are classified at three digit level of the Revised Indian Trade Classification (RITC), 1965 group.

Another objective here is to analyse the trend in the relative prices of imports of agricultural products and manufactured products.

Needs for Construction of Index Numbers.

As far as price and quantity indices are concerned, the Central Statistical Organization, Government of India, has published these indices for different commodity groups and for different years. But these indices are available only for 29 groups of commodity imports. Added to this point is the fact that these indices are not available with the same base year for the years 1950-51 to 1976-77. Another limitation of these available indices is that for certain years, these indices are available for financial years; while for others in calendar years. All these limitations make it difficult to compare these indices for different years of the same

commodity group. For the year 1950-51, price and quantity indices are not available for different commodity groups except for the total imports at 1948-49 (Financial year) price level. Similarly for the year 1955-56, price and quantum indices are available at 1952-53 price level. Price and quantum index are available for the years 1959 to 1973 at 1958 price level (i.e. calendar year). However, these indices are available at 1968-69 price level (Financial year) for the years 1969-70 to 1976-77.

The base year has been changed by the Department of Commercial Intelligence and Statistics from 1952-53 to 1958 and again to 1968-69 on account of the revision of Indian Trade Classification.

In order to make the price index and quantum index comparable during 1950-51 to 1976-77 the present study has attempted to construct these indices at the 1970-71 price level at the three digit level of RITC 1965 group i.e. for 170 commodities as against 29 commodity groups provided by the Central Statistical Organization.

The Indian Trade Classification was revised in April 1965 and hence for the years 1965-66 to 1976-77 the Indian Trade Classification has remained identical that is to say

it is according to the April 1965 classification. But for the years 1950-51, 1955-56 and 1960-61 the items under the old classification are regrouped in this study in order to establish correspondence as far as practicable with the new classification.

Coverage of the Commodities.

This study is an improvement over the indices provided by the ⁶government of India, as far as the coverage of items for computing index number is concerned.

Table 2.1

Coverage of Items included for Computing Index Numbers

Section	No. of items ¹ included by the Govt. of India at 1968-69 price level	No. of items included in the present study at 1970-71 price level.
1	2	3
0. Food and Live Animals.	29	63
1. Beverages & Tobacco.	5	8
2. Crude materials inedible (except fuels)	51	70
3. Mineral Fuels, lubricants and the related materials	3	8
4. Animal and vegetable oils and fats	5	13
5. Chemicals	68	65
6. Manufactured goods classi- fied chiefly by materials	98	159
7. Machinery & Transport Equipment	222	220

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1 Director General of Commercial Intelligence and Statistics, Govt. of India: A Guide to Current Official Statistics of Trade, Shipping and Customs and Excise Revenue of India, p.46. Third Edition, 1978.

Table 2.1 (contd.)

1	2	3
8. Miscellaneous manufactured articles	30	50
9. Commodities and transactions not classified according to kind.	-	-
All Sections	511	656

Hence it is obvious from the above table that the number of items included in the construction of index number in present study is greater than the number of items included by the Government of India. It should be noted here that Government of India has not maintained consistency for different sections of the RITC 1965 group i.e. in some cases the Government of India has considered commodities at three digit level or four digit level or seven digit level in the construction of index number. For sections 0, 1, 3, and 4 of the RITC Group index numbers are constructed by the Government of India by considering the number of commodities at the three digit level of the RITC 1965 group, while for section 5 index numbers are constructed using the number of commodities at the 4 digit level of the RITC 1965 group. But for section 7 of the same index numbers are constructed considering the number of commodities

at the group of 7 digit level of RITC 1965 group. However the present study has considered the number of commodities at the 4 digit level of RITC group 1965 in order to construct the index numbers for the Sections 0, 1, 2, 3, 4, 5, 6, and 8. For the Section 7 it is not possible to consider the number of commodities at the 4 digit level because there is not a single quantity measure common to all at the 4 digit level of commodity group. Hence for the Section 7 it is considered here at the 7 digit level of different commodity group having an identical quantity measure within a group of 4 digit level.

Methodology of Construction of Index Numbers.

The unit price index number is constructed according to the Paasche's formula. The method is to compare imports in the current period with that revalued at 1970-71 prices. Expressed in symbols, the formula may be written as follows :

$$P = \frac{\sum P_n Q_n}{\sum P_0 Q_n} \cdot 100$$

Where P_0 and P_n denote the price of an article in the base year and in the current year respectively and Q_n denotes the quantity in the current year.

Thus the Paasche's formula for calculating the unit price index is nothing but the ratio of imports at current

prices to imports at constant prices multiplied by 100. As far as this study is concerned, an attempt is made to calculate imports at the 1970-71 price level for the years 1950-51, 1955-56, 1960-61 and 1965-66 to 1976-77.

If quantity data of different commodities and the price per unit are available, it can be possible to express imports at constant prices.

Adjustments for incomplete coverage :

However, there are the following two main limitations associated with calculating the imports at constant prices :

- (1) It is not possible to get quantity data for almost all commodities entering into trade.
- (2) In cases of some commodities which were imported during the years (i.e. 1950-51, 1955-56, 1960-61, 1965-66 to 1976-77) other than the base year it is not possible to get unit price for the commodities in question.

The question is what adjustment if any should be made in the final index to allow for incomplete coverage in commodity detail. The common practice among different countries is to make such an adjustment by assuming that price changes for the items not covered are the same as those for items which

are directly included in the computation. Some of these countries make the adjustment only in the total index for imports i.e. price changes in all items not included are assumed to be the same as the price changes shown by the aggregate of all items covered by the computation. Finland and Ireland are two countries adopting this method.² Other countries adopt the same method, but apply to each major commodity class separately, there the assumption is that price changes in items not covered within each separate class are the same as price changes shown by the items included in the calculation for the class. The adjustment is exactly as shown above, but since it is made for each class, the adjustment is different for one class than it is for another and the total index is obtained by aggregating separately adjusted class index numbers. This method is followed by the United States, United Kingdom, Canada, Netherlands and Sweden amongst others.³

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Now let us come to the Indian case. According to Department of Commercial Intelligence and Statistics,⁴ adjustments are based on the assumption that price changes in the items not covered in a section are similar to those shown by the

2 Index number of Volume and Prices by R.G.D. Allen in International Trade Statistics, ed. by R.G.D. Allen and J.E. Ely. New York, John Wiley & Sons, 1953.

3 Allen R.G.D., op.cit., pp.199-202.

4 Indian Trade Journal, 31st March, 1976.

items included in the calculation of index number for that section i.e. $P_i = P'_i$ where P_i is the Unit price index for a given section in respect of the included items and P'_i is same for i^{th} section (including all items).

The unit price index (P_i) for the included items in a section is given by the formula :

$$P = \frac{\sum P_n Q_n}{\sum P_o Q_n} \quad \dots(1)$$

The index for the section with all the items included will be

$$P' = \frac{\sum P_n Q_n}{\sum P_o Q_n} \quad \dots(2)$$

In the equation (2) the aggregate $\sum P_n Q_n$ is known but the aggregate $\sum P_o Q_n$ is unknown and it can not be computed directly. It is, therefore, assumed that price changes for covered items and for all the items are the same. Algebraically, this be shown as follows :

$$\begin{aligned} P &= P' \\ \therefore \frac{\sum P_n Q_n}{\sum P_o Q_n} &= \frac{\sum P_n Q_n}{\sum P_o Q_n} \\ \therefore \frac{\sum P_o Q_n}{\sum P_n Q_n} &= \frac{\sum P_o Q_n}{\sum P_n Q_n} \\ \therefore \sum P_o Q_n &= \frac{\sum P_o Q_n}{\sum P_n Q_n} \cdot \sum P_n Q_n \\ &= \frac{\sum P_n Q_n}{\sum P_n Q_n / \sum P_o Q_n} \\ &= \frac{\text{Total values of all other items in the section}}{\text{Unadjusted index for the section}} \end{aligned}$$

The above value of $\sum P_0 Q_n$ is substituted in the equation (2) in order to obtain the adjusted index number P' .

But in a section of R.I.T.C. group, a large number of commodities are included at the four digit level, over and above this, there exist large variations in the price changes among the four digit level of commodities within a section of the R.I.T.C. group. If the quantity data are not available for the article code 5149 of R.I.T.C. group, the Department of Commercial Intelligence and Statistics assumes that price changes in section 5 excluding article code 5149 are same as price changes in 5149 but in section 5 of R.I.T.C. there are nine divisions i.e. 51, 52, 53, 54, 55, 56, 57, 58 and 59 and within these divisions there are different groups, to illustrate 512, 513, 514, are the groups in the division 51 etc. There also exists large variations among their prices.

In order to avoid these large variations of price changes, it is assumed in this study that price changes in the item at a four digit level not covered in a group are similar to those shown by the items included in the calculation of index numbers for that particular group. This assumption can be clarified by the following illustration: If quantity data for 5149 is not available, it is assumed that price changes in 5149 is same as price changes in group 514 excluding 5149.

Now in certain groups when only one commodity is imported at the four digit level and the quantity data are not available, it can not be assumed that price changes in that commodity are the same as price changes in that particular group, for example in a group 553 only 5530 was imported, hence imports of 5530 are the same as imports of 553. If the quantity data are not available, for the article code 5530, calculation of 5530 or 553 is based on the assumption that the price changes in division 55 excluding 5530 is same as price changes in 5530.

When in cases, quantity data for different commodities are available but unit price is not available due to absence of imports of that particular commodity in the base year i.e. 1970-71, the adjustment has become necessary. The adjustment can be clarified by the following illustration. If article code 0484 is not imported in the base year (i.e. 1970-71) but it is imported during other years, the average price of 048 group is applied to 0484. Whenever unit price is not available at three digit level, then the average price of that particular division is applied to that commodity e.g. article 0490 was imported during other years (i.e. 1950-51, 1955-56, 1960-61, 1965-66 to 1976-77) but this was not imported during the base year (i.e. 1970-71) and this is the only commodity falls under 049 group. In such a situation average price of 04 division is applied to 0490.

Quantum Index :

Quantum indices are designed to show movements in the aggregate value of imports after elimination of the effects of price changes. The quantum index number is computed according to Laspeyres' formula.

$$Q = \frac{\sum P_0 Q_n}{\sum P_0 Q_0}$$

Where Q_0 and Q_n denote quantity imported in the base year and in the current year respectively and P_0 refers unit price of import in the base year.

Conversions :

On account of the adoption of the metric systems, the data of imports beginning from 1960 are available in metric units. A large number of entries of imports during 1950-51 and 1955-56 which are given in various types of units are converted into metric units with the help of the following conversions factors.⁵

- (A) (1) 1 Grain = 0.000064799 kg.
 (2) 1 Ounce = 0.0283495 kg.
 (3) 1 pound = 0.4535924 kg.
 (4) 1 Cwt. = 50.802 kg.

5 Nambiar, R.G.: Resource Structure of India's Foreign Trade. Unpublished Ph.D. Thesis, M.S. University, Baroda, 1971. pp. 139-140. According to him, the conversions in these cases are based on the basis of some market information (as in the case of Brich) and information regarding the densities in the case of oil.

- (5) 1 Ton = 1016.05 kg.
- (6) 1 Tola = 0.0116638 kg.
- (7) 1 Seer = 0.93310 kg.
- (8) 1 Maund = 37.3242 kg.
- (9) 1 Imperial gallon = 4.54596 Litres.
- (10) 1 Inch = 0.0254 Metre.
- (11) 1 Foot = 0.3083 Metre.
- (12) 1 Yard = 0.9144 metre.
- (13) 1 Cum = 0.71 C.ton.
- (14) 1 Cwt = 11.66 Gallon (castor oil)
- (15) 1 Cwt = 12.44 Gallon (Ground nut oil)*

- (B) (1) 1 Ton = 280 Bricks.
- (2) 1 Ton (Petroleum crude) = 280 Gallon.
- (3) 1 Ton (Diesel high speed) = 273.2 Gallon.
- (4) 1 Ton (Heavy Diesel) = 263.5 Gallon.
- (5) 1 Ton (Crude Oil) = 276.5 Gallon.
- (6) 1 Ton (Fuel oil) = 254.5 Gallon.

Effects of Price and Quantity on Value of Imports.

It is well known that the value of imports is affected partly by the change in the quantity of imports and partly by the change in the price of imports. With the help of the price

* Same conversions applied for linseed oil as the density of linseed oil is more or less equal to that of ground-nut.

index and quantum index, it is possible to separate out their effects on the value of imports.

Table 2.2

Change in Value, Price and Quantity (Percentage Term)

Commodity Groups	1950-51 to 1970-71			1970-71 to 1976-77		
	Value	Price	Quantity	Value	Price	Quantity
1	2	3	4	5	6	7
1. Consumer Goods	↑46.0	↑56.0	↓6.63	↑217.7	↑134.0	↑35.57
2. Raw materials for producing consumer goods	↑28.78	↑8.6	↑56.84	↑121.16	↑52.63	↑44.89
3. Raw materials for producing capital goods	↑138.15	↑227.55	↑14.51	↑318.64	↑266.32	↑14.22
4. Capital Goods	↑89.86	↑1583.5	↓82.25	↑147.87	↑202.16	↓17.97
5. Total Imports	↑59.43	↑221.54	↓50.42	↑206.88	↑158.47	↑18.73

Source: Appendix Table II.1 and Appendix Table II.2.

It is seen from the above table that the 59.43% increase in the value of total imports during 1950-51 to 1970-71 is due to 221.54% increase in price and 50.42% fall in the quantity of total imports. Moreover, total imports have

increased by 206.88% during 1970-71 to 1976-77 with an increase in price by 158.47% and an increase in quantity by 18.78%. Hence it is clear that the price has increased by higher percentage than the quantity during the period 1950-51 to 1970-71 as well as during 1970-71 to 1976-77. In other words, on value of total imports, price effect is more powerful than the quantum effect.

The above table indicates that similar is the case for imports of different commodity groups, e.g. consumer goods, raw materials for producing consumer goods, raw materials for producing capital goods and capital goods. The quantity has increased by higher percentage than the price only in the case of raw materials for producing consumer goods during 1950-51 to 1970-71. During 1950-51 to 1970-71, the quantity of consumer goods, capital goods and total imports has declined and also during 1970-71 to 1976-77 the quantity of capital goods has declined but only due to increase in prices, the value of imports of all these commodity groups has increased.

Hence, it may be concluded that the value of imports of different commodity group is affected by change in the price by greater extent as compared to the change in the quantity of imports of different commodity groups.

Relative Prices of Agricultural and Manufactured Products.

The conviction has been widespread that compared to prices of manufactured products, prices of agricultural product inexorably decline. This idea has become widely accepted despite its contradiction of the classical belief, dating back at least to Robert Torrens that "the exchange value of manufactured articles compared with the product of agriculture and of mines have as population and industry advance a certain and decided tendency to fall."⁶

It was Folke Hilgredt who first topsyturvied the classical proposition. He argued that in the sixty years before 1938 prices of primary product had fallen relative to prices of manufactured and that the "general trend of the relative movements of the prices of these two commodities can scarcely be doubted"⁷ The evidence for this contention consisted of League of Nations indexes for primary product and manufactured good prices.

If we examine relative prices of agricultural products and manufactured products within Indian imports for the period 1950-51 to 1976-77 similar results follow.

6 Mill John Stuart : Principals of Political Economy, New York, 1909, Vol.II, Book IV, Chapter 2, p.282.

7 League of Nations: Industrialization and Foreign Trade, Economic, Financial and Transit Department, U.S.A., 1945, p.16.

Table 2.3

Price Indices for different groups of commodity imports

Year	Consumer goods	Raw-mate- rials for con- sumer goods	Raw-mate- rials for capital goods	Capital goods	Total imports
1	2	3	4	5	6
1950-51	63.92	92.08	30.53	5.94	31.10
1955-56	17.30	68.52	29.31	9.35	18.34
1960-61	14.00	60.32	64.04	25.70	27.86
1965-66	77.37	35.23	41.78	21.36	50.36
1966-67	46.93	24.08	47.95	29.57	35.43
1967-68	66.59	76.38	58.48	89.71	71.37
1968-69	45.68	106.98	39.90	110.78	63.13
1969-70	102.95	104.97	87.47	36.62	69.24
1970-71	100.00	100.00	100.00	100.00	100.00
1971-72	105.18	101.00	94.45	33.34	65.65
1972-73	124.74	101.74	87.79	112.02	101.39
1973-74	128.90	91.78	130.71	121.43	117.76
1974-75	211.89	240.45	210.38	144.85	202.43
1975-76	247.57	247.43	422.89	240.58	286.47
1976-77	234.00	152.63	366.32	302.16	258.47

Source: Appendix Table II.1.

It can be readily observed from the Table 2.3 that there exists a situation of rising prices for almost all the groups of commodity imports. Prices of almost each group has a rising trend. Even the price indices of consumer goods which consist of food articles and non-food consumer articles has a rising trend. Moreover, it is found that, there is a sharp change in price indices of total imports and various groups of commodity imports viz., consumer goods, ^{raw materials for producing consumer goods} raw materials for producing capital goods and capital goods during the year 1974-75. This was mainly the result of inflation in industrial countries and of a steep increase in price of petroleum imports, food-grains and fertilizers. During the period of 27 years price index of consumer goods has increased by 266.08% or at an average annual rate of 9.85% while that of raw materials for producing consumer goods and raw materials for producing capital goods has increased by 65.76% i.e. an average annual rate of 2.44% and 1099.87% i.e. an average annual rate of 40.74% respectively. However, price index for capital goods has increased by 4986.87% at an average annual rate of 184.70%. The classification of consumer goods into food articles and non-food consumer articles, price index of food articles shows an increase of 375.81% i.e. at an average annual rate of 13.92% over the period under consideration.

Consumer goods mainly consists of Food articles and non-food consumer articles. Price indices of food articles and non-food consumer articles have increased by 202.11% and 370.89% respectively during 1950-51 to 1976-77. Moreover the price indices of chemicals and fertilizers which fall under the raw materials for producing consumer goods have increased by 955.48% and 337.39% respectively during the period under consideration. In contrast to this, price indices of electrical machinery, non-electrical machinery and transport equipments which belong to capital goods have increased by 4415.77%, 1710.18% and 3753.51% respectively over a period of time. In addition to this price indices of metal and metal manufactures (viz., Iron and Steel and non-ferrous metals) which come under the group of raw materials for producing capital goods has gone up by 417.01% (of Iron & Steel by 658.52% and of non-ferrous metal by 290.45%), during the period of 27 years. Moreover, the price index of petroleum crude which falls under the raw materials for producing capital goods have increased by 12314.28% over a period of time. This was due to the sharp increase in the petroleum prices during the year 1973. Hence it is obvious from the above discussion that the price index of food articles has increased by lowest percentage over a period of time. As against this, the highest percentage increase in price index is represented by petroleum crude.

With regard to the trend of prices Singer H.W. argued that "it is a matter of historical fact that ever since the seventies the trend of prices has been heavily against sellers of food and raw materials and in favour of the seller of manufactured articles."⁸ However, our study shows that the trend of prices is not in against sellers of food and raw materials but the trend of prices has been in favour of almost all commodities. But the distinguishing feature in this is that this trend of prices is more favourable in case of capital goods, followed by raw materials for producing capital goods, followed by consumer goods and followed by raw materials for producing consumer goods.

Thus classifying the above four groups into primary products and manufactured products, i.e. consumer goods and raw materials for producing consumer goods as primary products and raw materials for producing capital goods and capital goods as manufactured products, it is found that price index of manufactured products has increased by 2131.87% as against price index of primary products by 105.63%. Hence it can be concluded that the trend of prices has been more favourable for manufactured products as compared to primary products over a period of 1950-51 to 1976-77.

8 Singer H.W.: "The Distribution of Gains between Investing and Borrowing Countries", American Economic Review, May 1950.
pp. 473-485

It must be mentioned here that a study by Theodore Morgan⁹ which examined prices of manufactured and agricultural products in seven countries concluded that there was a great diversity of experience but no evidence of declining relative prices for agricultural commodities.

In order to derive the relation of manufactured to primary products prices, Lipsey R.E.¹⁰ has made a study as follows :

(1) U.S. imports of manufactures and imports of primary products. (2) U.S. exports of manufactures and imports of primary products (3) U.S. exports of manufactures and exports of primary products (4) U.S. import of manufactures and exports of primary products.

With this study he concluded that the imported manufactures fell in prices relative to U.S. agricultural exports but rose compared with total primary product imports and exports and agricultural imports.

Relation of Import Prices to Domestic Prices.

For the analysis of shifts in the flow of trade on the balance of payments one is often interested not so much in

9 Morgan Theodore: "The long run terms of trade between agriculture and manufacturing", Economic Development and Cultural Change, October, 1959. pp. 1-23.

10 Lipsey, R.E.: Price and Quantity Trends in Foreign Trade of United States, 1963, Princeton University Press, Princeton.

absolute changes in import prices as in their relation to domestic prices.

Table 2.4

Import Price Index as Percentage of Domestic Wholesale

Price Index (1970-71=100)

Year	Import price index ^{as} of domestic price index	Domestic wholesale price index
1	2	3
1950-51	61.35	50.69
1955-56	42.32	43.34
1960-61	52.43	53.14
1965-66	64.94	77.54
1966-67	39.72	89.20
1967-68	80.35	88.82
1968-69	69.60	90.70
1969-70	71.91	96.29
1970-71	100.00	100.00
1971-72	62.49	105.06
1972-73	87.25	116.20
1973-74	84.29	139.70
1974-75	115.74	174.90
1975-76	165.58	173.00
1976-77	146.36	176.60

Source: Economic Survey, 1977-78, 1978-79.

It is clear from the above table that the import price index (1970-71=100) is lower as compared to domestic wholesale price index (1970-71=100) for all the years under consideration except for the years 1974-75, 1975-76 and 1976-77. Moreover

increase in import price index (731.09%) is higher than the increase in the domestic wholesale price index (248.39%) during the period under consideration and this has resulted into the rising trend in the import price index as percentage of domestic wholesale price index. However R.E. Lipsey¹¹ concluded in his study of United States that Foreign trade prices compared to domestic prices has declined.

This increase in the import prices in relation to domestic wholesale prices in the case of India could be explained in two ways. It is conceivable that there was a considerable divergence between home prices and import prices for individual commodities. Alternatively commodities that have increased relatively in price might have greater importance in Indian imports than in the domestic economy.

From the perusal of the table 2.5 it is obvious that the volume indices of total imports and of capital goods imports have declined by 41.13% and 85.44% respectively during the period under consideration. However, volume indices of consumer goods, raw materials for producing consumer goods and raw materials for producing capital goods have increased by 26.58%, 126.89% and 30.79% respectively during 1950-51 to 1976-77 with fluctuations in different years.

11. Lipsey R.E.: Price and Quantity Trends in the Foreign Trade of the United States, 1963, p.32. Princeton University Press.

Table 2.5

Volume Indices of different groups of commodity imports
(1970-71 = 100)

Year	Consumer goods	Raw materials for producing consumer goods	Raw materials for producing capital goods	Capital goods	Total imports
1	2	3	4	5	6
1950-51	107.10	63.76	87.33	563.33	201.68
1955-56	199.52	69.09	123.25	527.35	226.57
1960-61	484.21	93.10	104.21	329.08	247.16
1965-66	222.95	146.10	148.03	585.02	269.57
1966-67	285.40	250.59	90.08	314.19	228.64
1967-68	280.09	143.88	129.88	141.98	172.13
1968-69	316.92	110.05	175.39	117.92	180.19
1969-70	116.58	91.92	85.46	273.09	139.77
1970-71	100.00	100.00	100.00	100.00	100.00
1971-72	78.18	112.20	136.39	356.88	170.06
1972-73	57.52	111.21	154.07	120.23	112.70
1973-74	131.65	178.98	166.28	135.77	153.56
1974-75	123.49	95.44	194.18	121.59	136.59
1975-76	165.06	99.11	91.06	98.35	112.46
1976-77	135.57	144.89	114.22	82.03	118.73

Source: Appendix Table II.2

As far as volume indices of consumer goods are concerned, there is a sharp increase in this index during 1960-61 and this is mainly due to large imports of food-grains to meet the requirements of the country. During 1965-66, this index has declined because there was a tremendous decline in the imports of medical and pharmaceutical products and beverages and tobacco manufactured mainly due to the tightened import restriction policy of the government, e.g. in August 1965 the duty on most consumption goods was raised to 100%. However, imports of foodgrains has increased by a small amount during this year. The year 1966-67 being a drought year resulted into the increase in the imports of food articles and this in turn brings about the increase in the volume index of consumer goods. The first year of the fourth plan (i.e. 1969-70) witnessed a fall in the imports of foodgrains owing to the success of the new agricultural strategy in the country. During the year 1972-73, a fall in the volume index of consumer goods was due to the increase in the agricultural production in the country. During 1973-74 the unprecedented drought has resulted into the large imports of food articles and hence it shows the increase in the volume index of consumer goods. Imports of food articles has declined during 1976-77 because the preceding year had witnessed a record output of foodgrains (at 120.8 million tonnes) and huge buffer stocks thereof had been built up.

A tremendous fall in the imports of capital goods since 1966-67 was mainly due to the heavy important to the manufacturing industry in second plan. Before the second plan, India was importing almost all the capital goods required by it. But after the second plan increase in the domestic production of capital goods has resulted into the fall in the imports of capital goods.

During the course of the second five year plan, the planning Commission assigned a crucial role to industrial expansion with special emphasis on industries. Import substitution schemes were made possible by the setting up of the three steel plants of one million ton ingot capacity each in the public sector at Bhilai, Rourkela and Durgapur and the completion of the modernization and expansion programmes of Tata Iron & Steel Co. and Indian Iron & Steel Co. in the private sector which added an additional 1.5 million tons of steel ingot capacity.

Again in 1970-71 on account of the recessionary trend in the economy, the demand for capital goods imports declined. In 1971-72 a sharp increase in imports of capital goods was mainly due to increase in imports of electrical machinery.

Import of raw materials for producing capital goods has a rising trend because the rapidly industrializing country

requires large amount of metals viz., Iron & Steel and various non-ferrous metals. India, being particularly deficient in non-ferrous metals like copper, zinc and lead, their imports have tended to rise at a rapid rate. Imports of petroleum and petroleum products which falls under this group have also increased. During the year 1975-76 a sharp fall in the imports of raw materials for producing capital goods was on account of the tremendous fall in the imports of petroleum and petroleum products.

Agricultural development in India with appropriate emphasis on increasing domestic food production as well as agro-based industrial raw materials has created the need for increasing imports of fertilizers which falls under the raw materials for producing consumer goods. Imports of chemicals which also falls under this group have been rising due to the rising tempo of expansion and diversification of Indian industry in recent years.

Appendix Table II-1

Import Price Indices : 1950-51 to 1976-77

(1970-71 = 100)

Article Code	1950-51	1955-56	1960-61	1965-66	1966-67	1967-68	1968-69	1969-70	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
001	475.28	24.18	7.84	116.45	79.40	122.43	97.05	199.25	61.81	37.43	36.72	148.80	72.94	25.18
011	-	-	15.14	55.00	56.10	-	-	102.21	98.72	153.28	214.48	174.35	434.98	610.37
012	441.39	526.93	569.00	219.98	468.43	393.22	119.10	775.86	-	-	-	2490.38	-	69365.28
013	-	-	303.15	480.26	755.78	326.08	571.55	722.64	1086.30	845.54	2908.83	1006.37	1787.23	896.50
022	69.38	59.43	82.59	76.96	113.85	149.82	88.80	102.87	108.60	113.29	212.84	272.29	202.34	412.77
023	104.32	123.76	100.87	112.9	135.29	143.14	140.21	231.22	166.33	95.73	117.26	110.41	130.41	260.05
024	50.09	50.93	62.89	625.67	24.20	94.11	101.50	99.99	109.06	111.7	125.27	144.92	160.00	161.10
025	-	-	44.00	96.07	118.83	173.09	145.80	69.93	87.07	98.03	123.19	68.88	134.23	126.64
031	24.24	25.22	12.98	18.78	127.84	116.21	88.22	283.15	45.60	41.17	279.07	57.49	41.53	189.98
032	-	-	35.05	46.83	66.20	41.41	59.79	48.61	37.20	108.87	60.33	40.50	88.08	44.01
041	66.79	9.08	60.99	62.70	81.33	101.09	100.56	97.63	99.41	162.97	190.06	235.41	286.90	279.67
042	66.79	73.35	38.86	100.76	89.74	140.67	147.39	135.12	104.85	101.12	232.17	271.13	233.25	272.35
043	6.79	-	-	-	138.72	223.21	82.47	91.52	131.45	-	91.53	226.76	198.10	1531.06
044	-	-	12.56	-	110.27	93.01	124.80	113.59	126.06	126.64	336.86	290.74	279.67	220.12
045	66.79	29.03	32.20	38.05	69.41	65.41	66.18	60.72	103.11	94.88	109.81	116.18	106.50	320.79
046	66.79	119.98	30.83	-	50.60	46.39	77.98	95.46	49.43	25.08	94.49	69.89	152.22	162.82
047	-	-	-	-	68.22	46.81	93.08	86.21	67.04	128.14	100.02	105.72	74.19	117.59
048	66.79	127.72	10.31	187.18	109.77	101.35	198.81	119.03	97.17	109.61	117.05	139.65	177.39	275.02
049	66.79	43.43	-	190.00	91.18	133.13	82.29	77.68	81.89	84.47	95.50	153.20	124.19	213.75
051	419.44	838.34	621.96	-	-	-	-	-	-	-	-	-	844.99	-
052	45.11	38.83	63.74	100.81	63.71	83.56	114.23	72.11	79.78	151.82	190.88	231.71	195.50	306.79
053	31.13	48.52	63.99	69.22	39.59	76.42	70.12	61.08	135.89	180.62	465.32	640.57	183.46	559.92
054	20.8	4.53	-	55.82	86.31	88.32	96.95	56.61	137.16	129.55	161.07	161.61	203.23	221.53
055	-	-	48.38	41.72	204.83	91.62	78.74	82.60	71.15	80.96	130.06	112.18	126.87	221.99
061	34.44	20.00	-	62.04	86.60	87.42	50.99	96.29	83.66	63.05	115.43	165.65	221.39	199.29
062	-	-	139.78	162.19	362.60	87.42	107.32	128.80	-	475.04	407.24	386.26	478.16	245.79
071	89.27	107.40	276.18	-	86.63	-	185.60	-	-	-	-	-	-	-
072	62.19	83.65	58.58	39.06	37.25	61.47	78.36	76.53	92.66	93.77	148.41	232.55	224.14	312.50
073	120.54	191.89	98.42	232.95	219.24	80.66	108.12	93.20	275.43	360.67	377.10	490.00	682.97	520.19
075	22.42	27.44	20.99	67.74	173.19	101.27	97.18	109.78	165.20	100.37	111.13	154.60	172.50	172.04
081	69.70	136.69	-	49.29	89.57	100.68	79.50	102.41	114.90	120.61	143.19	157.88	159.65	191.17

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Appendix Table II-1. (contd.)

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Article Code	1950-51	1955-56	1960-61	1965-66	1966-67	1967-68	1968-69	1969-70	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
091	-	152.27	91.68	-	-	-	-	-	-	-	-	-	-	-
099	162.52	239.77	67.34	66.31	-	-	98.80	104.98	97.26	119.09	103.06	116.68	470.58	608.44
111	-	-	9.18	19.70	17.31	21.72	15.35	-	-	-	572.29	-	182.54	-
112	28.56	26.95	56.33	61.53	63.94	91.59	102.66	95.52	109.54	114.37	135.61	144.24	193.25	165.99
121	659.30	525.74	67.31	-	-	-	-	-	159.76	351.08	173.79	147.68	167.74	720.24
122	77.03	116.39	-	175.27	60.86	93.13	112.02	101.87	104.92	84.72	134.07	154.12	201.94	267.65
211	46.71	94.55	57.39	65.91	103.02	98.37	99.04	99.06	106.44	102.61	168.00	234.80	152.40	155.41
212	-	-	186.70	333.10	794.33	374.34	414.20	81.88	112.41	139.12	389.95	330.87	522.86	-
221	116.63	17.38	-	74.58	79.13	101.32	103.54	89.99	114.96	119.66	194.78	475.49	342.93	173.73
231	112.08	57.89	69.01	60.28	86.47	90.33	93.73	100.11	97.82	99.90	108.90	159.34	183.79	185.94
241	-	22.32	16.26	83.11	38.59	79.61	99.10	120.71	109.64	127.39	125.32	105.80	119.04	101.77
242	11.85	16.63	77.31	36.46	43.41	33.28	57.19	59.77	97.63	100.33	116.16	149.78	171.83	150.46
243	-	-	13.18	16.31	88.43	128.33	86.34	87.83	118.42	78.25	97.88	174.49	125.84	139.08
244	-	-	116.42	75.51	71.11	134.71	128.31	104.76	102.58	94.37	156.76	305.56	131.69	143.04
251	35.81	53.04	40.86	51.85	76.53	90.51	85.20	86.80	103.57	107.29	110.63	175.09	238.43	276.46
261	-	-	27.82	36.57	43.11	84.16	87.55	77.63	97.18	101.35	-	143.72	118.95	107.77
262	-	-	53.63	71.88	120.67	109.38	103.75	103.15	84.38	105.52	-	261.29	207.21	-
263	-	-	48.52	59.93	85.73	82.33	77.29	97.59	100.25	113.49	127.96	272.63	109.05	251.60
264	58.86	39.08	57.79	82.28	202.72	143.60	159.33	158.20	51.88	111.93	155.59	118.08	111.42	108.65
265	-	-	87.17	11.36	57.45	18.09	19.14	23.15	108.83	138.49	266.30	325.22	295.24	284.84
266	70.53	112.25	156.98	142.45	149.56	94.49	66.27	112.77	90.40	92.19	114.85	204.59	174.74	152.75
267	-	-	45.33	107.62	71.98	192.15	128.67	109.80	104.27	74.55	79.22	117.08	149.15	153.78
271	-	-	56.94	41.47	51.96	97.03	90.71	82.47	81.04	86.50	143.54	278.03	348.49	264.13
273	17.20	60.96	-	-	38.86	61.68	57.59	41.11	130.48	97.01	107.08	133.83	210.74	178.26
274	-	-	-	267.14	157.83	211.52	201.69	127.03	82.09	84.24	119.32	270.91	254.42	211.17
275	-	-	-	1.05	7.62	79.13	147.90	110.93	96.58	103.40	118.27	108.02	103.32	111.21
276	18.44	53.05	-	53.03	79.64	91.23	42.79	60.34	97.65	110.32	201.62	106.12	122.25	196.67
281	34.38	53.07	90.79	-	131.58	-	-	155.03	125.05	201.98	341.15	377.60	512.97	449.34
282	66.97	2.89	45.88	63.97	79.25	118.69	88.83	135.51	93.77	97.57	-	208.90	193.45	425.01
283	-	2.89	1.54	10.50	23.63	25.15	45.50	38.58	74.20	54.23	75.88	112.22	168.49	-
284	213.53	381.45	104.22	97.39	98.92	130.22	155.60	144.32	76.83	95.19	527.55	377.66	228.53	-
285	-	-	-	24.06	-	-	71.43	54.54	101.59	35.58	-	-	105.41	-

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Appendix Table II-1 (ctd.)

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Activity Code	1950-51	1955-56	1960-61	1965-66	1966-67	1967-68	1968-69	1970	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77
	2	3	4	5	6	7	8	10	11	12	13	14	15	
291	15.07	27.43	49.17	20.33	19.40	75.63	133.86	.27	74.47	130.51	69.18	118.13	102.39	144.89
292	52.52	25.12	72.16	36.88	75.00	70.49	88.10	.77	97.33	85.29	115.46	150.01	188.13	165.50
321	32.40	8.11	46.11	49.01	70.04	86.14	48.31	.17	83.98	116.93	62.48	110.24	174.57	-
322	-	7.34	21.0	63.62	77.72	56.11	98.58	.07	125.08	132.68	328.21	729.49	817.41	931.76
411	186.06	128.20	59.77	75.45	93.22	81.38	75.52	.42	95.17	87.36	131.53	262.56	523.43	216.50
421	-	-	36.53	57.06	102.11	95.49	75.87	.01	91.24	101.69	111.58	170.10	253.66	266.39
422	31.36	38.23	129.50	61.67	77.16	1895.90	84.47	.98	79.75	222.00	126.99	147.91	136.75	-
431	-	-	200.01	224.06	92.35	99.45	100.34	.71	116.22	87.17	55.46	131.36	170.79	271.53
512	19.72	21.63	14.76	85.65	100.51	88.52	93.69	.68	130.78	142.08	105.16	226.99	252.72	222.99
513	6.25	19.85	24.85	25.61	40.13	73.40	75.31	.12	75.43	95.76	127.61	259.71	263.85	222.31
514	21.12	12.13	17.00	30.60	866.14	38.07	30.05	.12	88.24	89.53	61.62	168.50	189.08	210.34
521	61.62	71.36	63.96	141.00	62.91	94.61	78.76	.11	144.30	112.70	28.79	58.97	265.62	158.64
532	42.91	1510.97	50.95	60.75	78.63	37.49	37.98	.96	51.58	55.89	67.06	177.47	107.09	124.49
533	42.91	1510.97	-	75.76	69.62	77.72	403.35	.98	134.00	128.01	158.04	273.60	331.55	462.04
534	-	1510.97	61.94	58.56	83.71	53.47	59.20	.87	93.74	95.35	-	127.89	163.49	-
541	51.17	70.64	3.63	47.99	36.90	90.27	121.48	.90	72.54	52.83	98.92	104.96	219.01	128.41
551	-	-	77.90	65.86	94.50	82.32	113.73	1.71	141.23	107.63	148.78	99.14	213.36	190.74
554	31.09	101.69	51.29	48.88	71.43	90.36	74.57	.26	94.33	67.38	129.41	209.71	602.98	239.82
561	61.16	63.67	83.26	59.63	81.49	101.89	105.95	.36	92.66	101.25	-	309.20	447.13	201.12
571	25.50	55.72	62.37	80.13	144.70	113.03	111.07	1.87	273.05	98.53	101.61	130.03	25.91	284.92
581	-	-	51.36	55.21	78.29	69.11	87.00	.32	107.97	84.56	89.72	144.18	140.69	128.07
599	1.77	14.87	29.06	53.15	81.73	72.29	64.64	.17	68.19	76.59	98.84	115.75	154.22	178.74
611	10.88	3.96	63.90	57.40	70.41	74.78	70.70	1.31	134.45	123.70	126.64	173.84	177.22	195.38
612	24.42	28.88	31.60	22.74	75.86	100.63	42.79	.34	114.69	110.14	45.69	37.90	48.59	849.16
613	52.86	142.50	-	87.27	-	1458.53	-	.94	103.15	-	-	-	-	-
621	-	-	67.08	101.97	88.63	191.56	118.48	1.67	119.14	186.23	245.75	205.63	292.62	334.71
629	-	-	-	1.89	65.65	67.92	118.48	3.15	46.92	30.62	89.06	205.63	119.80	157.56
631	-	-	50.52	103.50	111.75	65.01	66.04	.42	227.05	543.37	231.55	196.17	75.42	233.79
632	37.05	23.31	-	63.00	131.50	105.65	106.09	.90	100.18	163.64	131.23	238.47	105.64	164.35
633	37.05	23.31	41.85	40.79	68.04	69.09	69.43	.97	75.11	165.92	178.63	211.84	148.83	308.05
641	22.24	24.63	76.52	60.36	89.99	100.55	87.84	3.59	106.69	106.01	128.94	262.98	284.35	279.27
642	-	-	47.41	39.30	67.83	94.39	68.95	.05	91.50	96.31	90.24	159.52	169.94	220.79
651	17.83	40.39	55.02	76.10	109.33	110.86	103.94	.55	97.77	81.69	117.63	158.09	144.32	111.64

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Appendix Table II-1 (contd.)

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Article	1950-51	1955-56	1960-61	1965-66	1966-67	1967-68	1968-69	1969-70	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	
Code	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
653	34.30	161.64	19.44	63.91	72.81	65.25	80.63	136.44	130.33	148.41	170.94	231.44	233.45	196.05	
654	3.506	10.38	94.18	-	281.38	-	-	262.48	451.01	468.91	387.90	317.83	139.19	126.96	
655	87.99	73.03	69.93	76.76	77.27	88.99	92.44	98.09	107.20	111.14	111.10	135.60	187.49	286.72	
656	50.14	32.36	41.32	30.53	23.19	11.14	340.51	41.67	160.25	306.08	-	114.85	374.93	207.32	
657	159.31	27.11	-	111.18	91.02	125.47	183.66	184.28	121.25	209.77	188.88	90.62	-	217.90	
658	13.39	5.52	-	48.31	92.55	33.41	89.19	83.16	54.47	73.77	170.10	204.44	210.84	178.53	
659	32.43	3.58	-	61.93	52.66	92.12	81.25	104.51	128.92	55.50	35.38	123.14	124.73	51.18	
661	7.71	7.79	23.33	47.49	59.87	62.56	58.58	53.21	42.88	60.24	66.06	51.68	70.18	65.45	
663	3.34	1.55	26.66	47.50	75.75	95.85	112.70	95.84	103.26	129.18	148.42	181.91	262.88	282.36	
664	5.48	3.35	33.92	25.28	24.38	86.31	93.08	103.03	105.81	139.82	111.21	115.65	188.09	196.60	
665	0.064	6.62	147.80	87.10	112.63	101.63	97.96	99.05	130.35	127.43	138.57	138.70	254.49	412.82	
666	6.76	5.76	-	72.49	148.23	182.04	212.06	179.65	109.80	204.80	197.10	420.11	317.36	262.09	
671	8.23	27.67	25.68	29.96	40.39	43.23	104.01	52.01	20.48	24.06	50.07	39.45	117.01	204.73	
672	9.31	17.54	37.68	53.55	78.51	89.75	72.39	96.76	73.57	64.16	24.36	62.40	167.92	168.78	
673	15.17	23.56	19.20	41.31	111.11	66.10	65.41	65.31	68.08	63.00	78.59	88.45	188.33	138.56	
674	66.30	28.49	47.99	49.88	84.65	89.43	34.92	87.08	89.40	84.05	106.29	163.20	244.603	208.10	
675	25.04	27.09	50.71	52.59	78.39	90.36	85.18	103.88	61.16	70.26	102.18	157.93	240.68	242.25	
676	13.18	16.34	22.84	45.20	24.63	73.95	139.55	66.30	134.63	446.82	104.88	105.67	218.64	149.74	
677	-	-	19.20	33.05	80.76	59.79	73.02	51.47	85.65	127.58	150.91	123.70	242.85	247.52	
678	22.78	35.65	32.12	47.00	81.50	107.07	105.55	102.35	130.82	136.97	142.39	177.42	257.00	190.07	
679	-	-	55.61	49.54	88.31	84.15	85.06	102.01	118.41	140.92	198.86	185.94	306.99	346.72	
681	-	-	-	41.12	50.72	62.83	61.87	62.47	58.58	58.88	74.41	57.27	131.60	111.25	
682	14.57	35.60	30.12	52.48	41.09	72.37	76.31	87.74	78.52	77.41	116.38	152.32	121.46	126.65	
683	6.23	5.70	8.37	30.50	33.14	51.25	67.27	64.79	13.77	75.68	82.15	96.79	108.58	249.52	
684	38.57	54.72	39.95	35.74	53.95	71.00	82.03	100.42	84.83	202.98	190.83	239.20	207.85	418.15	
685	55.96	62.70	41.02	77.20	81.50	72.31	79.57	89.79	88.53	100.54	124.87	207.35	139.88	165.09	
686	53.03	54.45	52.20	64.35	87.37	88.49	90.95	91.22	104.90	112.54	180.57	345.53	272.85	283.39	
687	31.36	32.86	21.55	64.80	77.11	88.92	85.17	93.78	97.65	107.19	153.59	216.08	204.23	244.40	
689	5.83	12.81	41.28	35.44	61.84	79.38	88.01	101.94	44.95	105.46	157.08	137.69	150.25	126.09	
691	14.99	15.91	34.57	29.57	85.57	83.93	140.31	103.54	36.25	42.58	54.84	76.90	245.67	152.50	
692	-	-	-	50.68	73.73	37.76	84.13	82.84	113.26	113.70	107.48	157.23	175.87	162.60	
693	10.18	51.03	60.49	95.37	96.99	80.85	86.88	100.05	140.95	347.82	408.30	231.20	487.01	274.02	
694	22.25	12.26	125.01	129.14	73.05	182.79	443.38	122.27	372.80	202.23	241.66	228.37	107.10	117.47	

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Appendix Table II-1 (contd.)

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Article Code	1950-51	1955-56	1960-61	1965-66	1966-67	1967-68	1968-69	1969-70	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
695	10.92	25.56	-	147.87	98.964	42.87	88.22	99.17	171.94	61.13	54.67	109.33	117.04	117.47
697	10.93	26.56	26.06	82.08	180.17	435.34	295.89	279.63	76.82	75.39	226.78	303.15	191.85	839.40
698	27.24	26.56	26.76	30.45	52.43	64.08	61.39	83.40	54.30	106.55	66.60	87.95	156.72	119.63
711	7.13	8.42	37.29	44.95	74.38	67.97	101.87	73.15	99.38	95.36	108.33	136.91	239.83	299.36
712	16.51	19.69	24.96	96.41	55.48	54.20	101.87	54.77	85.47	139.04	152.12	169.93	392.89	301.56
714	-	-	5.38	61.59	81.30	92.38	101.87	34.77	98.67	97.87	153.47	238.37	255.26	328.51
715	13.35	32.44	66.57	35.56	58.92	92.84	101.87	34.77	67.23	137.81	114.72	169.26	239.93	202.73
717	12.88	29.92	30.45	27.73	59.69	120.25	101.87	34.77	101.17	132.03	128.43	101.60	183.16	147.83
718	14.67	39.33	50.15	61.25	116.01	120.45	101.87	34.77	101.04	109.18	108.04	121.59	254.87	321.61
719	22.17	43.04	65.45	18.59	35.46	134.33	101.87	34.77	67.29	214.15	171.36	227.62	331.29	-
722	2.62	6.72	40.94	46.85	90.94	77.90	101.87	34.77	144.83	136.55	144.18	191.50	156.46	163.70
723	2.61	0.68	50.25	49.50	73.20	62.07	101.87	34.77	113.72	110.50	96.77	92.53	69.96	172.45
724	3.30	3.01	80.05	22.78	45.65	35.53	101.87	34.77	104.64	102.68	123.01	136.86	131.78	212.33
725	2.61	6.72	44.94	23.71	57.69	151.45	101.87	34.77	100.15	118.39	156.35	133.73	230.50	291.95
726	26.12	6.72	14.64	56.45	56.56	86.39	101.87	34.77	185.50	164.99	276.97	358.90	341.47	432.65
729	5.64	19.42	17.09	21.83	58.68	55.41	101.87	34.77	145.11	162.21	175.31	224.14	281.03	264.89
731	2.61	10.23	22.12	29.95	36.77	41.29	101.87	34.77	104.40	95.71	136.62	137.49	156.10	243.71
732	22.23	28.82	21.46	54.83	68.99	81.34	101.87	34.77	86.80	125.68	137.67	100.65	170.41	1768.80
733	2.62	10.33	41.46	96.51	71.93	64.30	101.87	34.77	120.14	114.40	149.59	135.41	121.72	165.29
734	2.62	10.33	32.49	140.20	26.02	47.39	101.87	34.77	510.79	595.65	122.68	1804.85	1569.47	1952.66
735	-	-	-	88.02	215.11	344.84	101.87	34.77	240.43	457.31	194.40	515.36	515.02	67.64
812	34.39	55.71	50.80	21.53	20.68	14.17	25.31	38.48	77.54	33.72	66.85	103.77	88.61	52.72
821	34.39	43.07	-	65.99	90.99	126.12	25.31	128.58	56.06	196.20	173.23	236.40	50.31	141.05
841	29.59	43.49	-	27.44	50.42	252.32	56.83	102.73	192.99	365.70	116.01	134.79	554.58	232.19
851	8.04	31.70	11.78	-	-	-	10.79	79.53	84.50	68.63	-	11.77	-	28.43
861	7.12	40.84	36.18	7.46	5.46	8.45	27.44	52.00	88.86	73.52	60.98	115.38	226.30	222.16
862	14.57	16.55	-	49.41	54.16	130.78	98.13	93.56	109.51	134.31	129.96	409.40	421.67	312.41
863	34.36	40.41	48.99	66.34	58.74	84.79	118.65	35.16	117.41	136.51	97.86	125.53	203.56	160.66
864	36.58	50.66	-	24.85	96.80	50.36	76.04	98.35	157.46	172.88	166.14	116.61	121.95	188.09
891	17.45	8.17	8.15	47.23	96.80	72.49	141.49	141.23	98.40	115.70	42.84	138.20	214.88	169.50
892	40.40	46.98	55.26	52.81	62.22	92.40	86.66	34.63	93.77	83.70	73.97	122.97	156.41	145.59

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Appendix Table II-1 (contd.)

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Article code	1950-51	1955-56	1960-61	1965-66	1966-67	1967-68	1968-69	1969-70	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
893	5.43	5.67	-	35.30	183.56	69.82	98.66	95.32	52.48	120.08	123.45	194.53	132.80	290.63
894	2.71	6.39	-	91.93	122.16	246.20	182.22	83.36	231.12	118.27	198.51	353.30	401.00	256.72
895	8.29	5.12	-	30.94	121.10	63.56	15.47	149.49	106.64	106.75	81.90	67.08	69.62	95.40
899	7.69	10.62	-	23.65	41.50	111.85	41.68	84.06	80.58	135.87	106.81	142.96	97.91	252.11
894	36.58	50.66	-	24.85	96.80	50.36	76.04	88.35	157.46	172.88	166.64	116.61	121.36	188.03

Note: Name of the commodity according to article number is presented in Appendix Table II.3.

Source: Estimates derived on the basis of the data available in (i) Monthly Statistics of the Foreign Trade of India, Vol. II Imports published by Directorate General of Commercial Intelligence and Statistics, Government of India for the years 1960-61, 1965-66 to 1976-77 (ii) Accounts relating to Foreign Trade and Navigation of India (sea and air borne) Department of Commercial Intelligence and Statistics, Government of India for the years 1950-51 and 1955-56. (iii) Accounts relating to the Foreign Trade of India by land with Foreign Countries Department of Commercial Intelligence and Statistics, Government of India for the years 1950-51 and 1955-56.

Appendix Table II.2.

(1970-71 = 100)

Volume Indices : 1950-51 to 1976-77

Article Code	1950-51	1955-56	1960-61	1965-66	1966-67	1967-68	1968-69	1969-70	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77
	2	3	4	5	6	7	8	9	10	11	12	13	14	15
001	15.99	2127.41	300.94	79.98	99.71	128.81	180.51	82.81	201.76	193.51	921.67	317.60	231.71	652.71
011	-	-	3324.07	1522.92	2184.52	-	-	77.65	1096.01	1317.19	15080.11	22071.80	1839.83	939.26
012	-	-	-	-	-	-	-	-	-	-	-	-	-	-
013	-	-	2090.58	18.32	8.56	13.51	184.34	0.65	1.80	7.07	5.23	1.25	7.58	301.78
022	53.71	119.17	82.55	101.28	150.47	106.86	185.73	88.94	22.15	117.80	84.77	80.66	119.72	90.44
023	14.26	70.95	0280	26.99	20.68	27.95	37.73	83.87	68.17	153.78	135.13	260.54	218.38	135.40
024	599.06	1297.43	151.83	75.21	57.12	61.58	64.27	93.02	57.89	111.20	277.22	207.02	219.60	237.32
025	-	-	-	515.18	409.76	160.53	178.33	161.25	226.62	2435.38	3317.90	224.44	16455.20	44335.90
031	67451.64	7757021.76	102567.9	35259.0	55.14	44.32	108.31	126.94	727.03	67171.0	217292.0	116935.0	98975.00	72.13
032	-	-	371.82	163.94	72.42	270.38	433.15	6282.2	2505.20	105.51	656.72	1897.77	705.65	652.16
041	32.23	76.74	114.59	273.53	273.19	215.93	143.83	106.90	59.53	17.05	105.03	171.07	242.70	170.11
042	115.25	131.50	163.00	12.55	282.44	130.56	130.77	144.59	57.81	35.51	43.07	15.05	05.42	56.66
043	9024.30	-	-	-	70.00	153.34	56.57	113.33	105.00	-	1711.77	1201.74	475.02	238.35
044	-	-	5397.42	-	3900.00	1819.30	20.59	183.47	251.19	5.01	19.23	572.64	656.32	1858.75
045	561.03	11.65	2345.36	2244.77	199336.0	158627.0	3132.0	32552.0	18.86	168223.7	14053.0	56660.00	91454.00	1442.42
046	14679.95	0.460	35.12	-	1215.32	21916.95	17.04	137.96	228.74	96.86	188.68	287.43	140.05	159.08
047	-	-	3.19	-	61.47	0.74	382.68	116.72	108.32	27.79	5.25	15.69	225.60	3.62
048	8.71	7.93	23.78	3.31	24.55	53.63	60.36	46.03	191.59	187.86	123.13	64.85	57.39	92.23
049	-	-	-	-	-	-	-	-	-	-	-	-	-	-
051	2.66	2.55	6.77	1.06	2.46	8.78	23.31	18.91	5.90	11.65	7.78	10.01	13.88	9.70
052	152.25	202.81	113.73	0.05	128.09	116.70	103.18	1612.60	101.82	11.22	85.54	79.50	77.75	51.89
053	5692.58	10605.62	701.19	580.01	1167.34	214.58	1348.40	479.72	127.19	356.71	33.54	220.95	77.02	588.96
054	1142.73	12959.77	-	130.12	125.88	220.70	157.83	280.05	110.62	141.55	105.57	122.72	117.83	91.65
055	-	-	19.36	395.08	44.60	53.27	176.12	78.80	517.95	284.10	171.15	252.96	75.38	31.39
061	354.31	4137.13	-	90.32	99.42	113.31	423.79	79.55	517.51	240.48	171.78	113.38	52.65	61.63
062	-	-	-	-	-	-	-	-	-	-	-	-	-	-
063	-	-	-	-	-	-	-	-	-	-	-	-	-	-
072	14.46	14.69	54.25	73.64	128.63	115.34	106.72	105.54	114.59	124.84	137.93	56.77	81.99	78.48
073	607.01	1022.04	53.92	12.18	22.71	83768.00	5408.00	134.03	114.78	40.09	46.47	57.00	109.48	99.99
075	5178.79	4884.64	197.41	186.65	35.64	196.27	135.77	138.94	111.97	173.79	168.42	117.68	139.57	173.92

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Appendix Table II.2 (contd.)

Article Code	1950-51	1955-56	1960-61	1965-66	1966-67	1967-68	1968-69	1969-70	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
081	284.49	38.04	-	292.61	91.64	169.87	166.97	129.33	97.75	179.70	152.37	185.13	251.46	292.61
099	32.35	41.61	11.59	7.92	2.91	130.41	63.49	62.75	81.12	25.55	19.71	2.17	1.96	6.80
12	2039.82	2557.70	316.74	206.40	106.34	139.44	232.89	174.95	75.13	60.38	74.72	161.85	140.77	104.46
121	9904.85	6170.78	872.64	599.75	399.00	2287.80	1693.10	1051.70	359.20	577.60	396.70	354.91	538.55	426.37
122	1174.00	1175.70	116.79	509.29	157.84	132.52	51.62	180.97	88.55	29.39	17.60	531.58	305.05	107.39
211	65.34	135.09	278.3	231.33	105.96	8.50	111.98	109.80	79.21	62.72	29.29	21.21	22.29	10.69
212	-	-	30.51	15.20	4.06	10.41	16.88	61.45	55.69	38.78	6.46	1.55	0.009	-
221	6.30	196.64	-	153.48	94.05	81.11	53.33	60.16	143.20	151.75	59.46	33.29	23.25	22.85
231	69.74	87.76	405.86	210.98	347.39	126.36	135.50	249.72	95.24	95.15	92.53	111.50	96.03	116.82
241	-	877.71	49.70	77.27	636.91	446.08	2380.91	127.36	79.35	57.70	135.90	96.28	41.99	160.45
242	20196.74	16909.89	1484.50	2025.34	1011.05	918.02	452.46	350.75	97.85	316.52	470.84	484.28	278.42	243.91
243	1838.37	10442.81	13856.28	2417.30	452.90	392.19	301.01	118.77	157.08	353.52	190.95	62.70	167.77	166.59
244	-	-	33.97	70.84	31.61	54.55	84.14	63.61	58.77	42.31	51.15	56.97	36.65	21.31
251	9.25	36.12	13.42	92.45	90.87	92.84	99.80	117.08	75.33	75.33	68.28	46.02	55.90	17.92
261	-	-	103.66	127.10	149.63	96.50	97.04	102.23	56.37	73.31	-	64.25	134.40	134.35
262	24.26	34.07	12.08	44.33	59.21	67.23	67.35	23.18	104.96	69.11	44.35	65.39	77.77	69.96
263	154.49	84.99	170.50	77.99	66.60	102.59	93.79	8.58	114.43	81.02	41.15	9.90	261.34	52.07
264	86.63	24292.26	9144.37	4709.22	6983.00	855.01	4044.63	472.12	0.63	699.00	5436.76	2199.54	2069.91	4308.22
265	18.97	41.98	60.79	7360.93	29549.00	1145.10	2185.95	1128.19	60.29	65.61	40.76	30.39	39.85	52.20
266	43.73	0.007	2.17	20.21	9.28	24.58	14.80	18.95	70.81	73.95	30.65	18.42	48.50	190.42
267	-	0.018	0.031	46.19	55.71	60.23	37.85	114.72	241.33	290.73	191.39	156.46	201.98	189.55
271	-	-	36.09	116.30	205.26	81.33	113.12	86.30	106.22	104.67	120.82	146.35	67.67	77.17
273	1046.52	1140.53	735.94	19033.90	579.29	237.29	295.69	437.40	97.81	150.62	118.85	92.84	54.77	115.36
274	-	-	37.75	21.26	61.63	144.95	73.34	70.32	120.46	115.31	114.19	142.72	114.13	144.30
275	-	-	-	421.94	1083.66	157.80	54.33	65.90	111.64	106.23	118.28	159.29	169.98	22.44
276	126.92	38.57	3367.60	78.93	75.10	73.79	152.15	135.37	132.15	120.73	586.41	111.41	141.16	111.81
281	210.84	232.54	37.63	-	39.99	-	-	57.28	78.30	73.90	131.18	71.19	33.90	323.72
282	166.66	2376.48	180.14	98.44	106.67	182.95	181.23	88.88	246.06	108.25	309.58	134.83	223.60	202.18
283	-	0.037	490.51	57.42	146.45	56.69	80.54	138.58	105.75	90.70	45.73	28.64	87.26	520.01
284	0.113	0.0164	112.37	83.30	90.71	98.58	69.22	53.02	118.62	93.16	57.76	138.36	109.65	193.63
285	-	-	-	0.32	-	-	1176.52	142.46	89.03	3082.59	2740.06	-	6838.50	-

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Appendix Table II.2 (contd.)

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Article Code	1950-51	1955-56	1960-61	1965-66	1966-67	1967-68	1968-69	1969-70	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
291	1031.92	1057.17	430.06	564.81	490.62	82.14	99.14	182.33	142.63	77.19	100.73	70.40	74.22	120.62	
292	140.14	55.32	180.87	279.13	152.90	152.99	129.53	101.18	104.17	110.44	138.53	93.70	72.02	94.17	
321	249.80	29.99	164.85	347.81	237.09	92.66	635.31	455.84	452.32	171.69	527.78	76.17	183.04	-	
331	-	115.34	23.17	47.30	44.16	85.31	52.02	94.79	117.35	153.06	19.64	124.29	121.51	119.18	
332	121.12	373.20	-	40.95	98.21	457.27	891.11	72.44	180.42	255.89	269.25	148.59	148.59	215.75	
341	-	-	-	26.68	89.27	458.90	2500.00	269.82	148.49	70.22	40.07	0.542	51.44	8.72	
411	5.67	5.36	8.97	51.14	22.18	142.79	82.46	111.14	119.40	68.38	361.41	53.99	2.15	49.36	
421	-	-	44.71	69.08	37.58	67.11	55.94	92.95	131.87	64.61	127.03	18.99	17.57	232.61	
422	4075.31	6849.67	-	113.65	423.12	9.57	29.88	27.63	60.71	43.11	207.45	512.95	605.63	1369.67	
431	-	-	32.37	300.62	672.55	1257.07	1393.38	1089.65	752.87	996.71	1493.96	12090.00	1009.00	754.97	
512	6.55	7.28	200.31	411.01	248.47	159.39	113.81	137.78	164.61	100.64	142.31	112.27	141.77	187.37	
513	535.92	200.31	245.40	411.01	248.47	159.39	113.81	137.78	164.61	100.64	142.31	112.27	141.77	187.37	
514	335.61	483.47	568.87	2267.52	99.79	3159.00	2634.90	830.35	1343.62	771.13	1120.37	584.02	600.73	645.69	
521	80.91	125.85	89.50	20.36	14.14	46.86	13.48	25.71	41.25	59.39	551.64	474.40	21.26	92.40	
532	991.51	10.12	27.39	76.15	109.70	162.71	245.28	131.34	165.45	226.81	165.25	88.01	130.37	191.91	
533	213.83	7.09	-	76.97	1122.84	138.77	74.86	80.34	72.52	67.19	110.98	63.68	53.92	31.31	
534	-	0.616	113.04	153.85	116.32	178.48	177.99	76.84	94.53	81.00	218.76	53.67	57.76	61.82	
541	119.10	57.91	89.95	75.22	131.29	29.84	59.32	81.84	150.80	173.89	118.22	134.06	68.03	135.18	
551	70.63	111.05	135.07	88.40	76.43	123.29	100.00	128.41	96.45	110.11	127.44	165.93	49.73	58.13	
553	60.49	892.92	49.47	67.46	254.06	282.00	210.29	282.53	339.58	199.65	299.60	113.79	89.70	210.62	
554	1025.61	1333.23	85.58	253.87	148.92	114.12	133.36	142.13	402.94	132.39	111.30	118.65	80.80	211.11	
561	0.666	1.29	103.34	106.59	151.47	216.48	212.19	324.21	143.19	145.17	168.50	224.70	158.78	160.64	
571	4933.38	1149.60	200.06	313.20	255.09	223.82	169.69	85.07	68.48	67.64	37.83	344.24	670.49	34.75	
581	-	-	-	130.00	111.22	235.59	144.210	120.56	104.32	167.86	223.21	156.52	168.92	137.77	
599	182.97	12.51	34.53	69.62	103.52	112.23	146.49	122.12	134.63	156.26	149.13	1134.63	136.99	79.21	
611	1942.58	4411.31	65191.34	144.84	154.83	224.40	-	74.23	139.79	118.28	149.25	131.10	10.77	87.95	
612	8658.70	973.87	6506.19	19454.04	96.09	148.95	169.62	79.46	157.95	186.53	250.64	102.82	605.72	42.26	
613	2775.56	7495.00	-	9660.00	-	40.00	-	422.78	120.00	-	-	-	-	-	
621	-	-	-	33.19	65.30	29.10	51.05	44.56	57.28	44.79	37.46	46.71	63.36	53.14	
629	.0348	.675	-	2521.97	60.85	109.47	145.35	30.51	391.27	540.46	317.43	149.48	264.53	171.44	
631	-	-	183.89	234.21	244.69	299.90	288.38	121.90	281.28	54.00	78.50	183.04	408.52	233.75	
632	2725.53	767.34	-	1294.22	397.97	364.94	294.19	113.35	102.96	54.50	128.38	128.08	95.14	97.39	

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Appendix Table II.2 (contd.)

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Article code	1950-51	1955-56	1960-61	1965-66	1966-67	1967-68	1968-69	1969-70	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
633	7460.99	8511.98	-	-	884.15	514.63	337.24	223.11	75.37	171.22	78.32	101.64	183.42	202.35	88.41
641	185.03	252.02	60.43	60.43	87.66	85.15	69.58	82.98	102.52	131.08	115.84	89.53	89.56	30.94	88.63
642	-	-	250.78	250.78	284.25	262.17	132.00	116.25	76.55	92.31	119.64	140.05	116.80	200.32	200.23
651	201.00	1017.52	58.27	58.27	175.33	134.45	0.47	91.48	89.45	133.44	90.74	67.08	143.30	157.48	85.92
653	1555.25	8600.52	1425.03	1425.03	295.50	327.37	1054.65	1447.88	288.33	160.34	131.45	61.52	96.43	134.26	152.56
654	38357.48	4221.39	1155.32	1155.32	-	55.65	-	-	161.96	27.72	30.90	99.35	124.24	624.16	-
655	1.48	3.48	-	-	90.44	99.21	113.48	74.82	73.84	111.97	85.48	60.11	33.18	28.02	27.46
656	3976.77	332.49	-	-	110.37	186.56	801.31	1476.70	686.29	3931.57	87.08	14.46	95.16	569.86	161.90
657	4.23	24.92	-	-	186.44	228.39	78.42	140.94	144.36	39.09	50.50	156.40	2.09	0.08	0.02
658	66.16	2930.94	-	-	376.28	92.99	449.15	101.93	108.67	471.47	218.77	158.98	146.74	12.57	252.95
659	277.17	191.61	-	-	322.04	3.21	11.80	2.98	195.04	0.06	6.58	63.88	66.66	113.66	36.33
661	3697.41	3715.23	750.58	750.58	800.26	359.55	134.18	140.78	111.04	312.18	168.07	234.36	332.61	338.43	398.66
662	-	-	-	-	136.08	23.28	9.37	60.99	45.51	174.80	167.90	307.40	3.58	150.08	50.71
663	9.09	9.23	34.45	34.45	205.54	146.83	126.44	82.54	76.45	184.40	125.93	106.36	85.30	77.12	64.18
664	1379.74	6017.51	179.85	179.85	291.40	285.49	136.08	94.97	73.36	112.09	106.72	236.69	169.71	118.04	88.30
665	3532.36	716.14	55.67	55.67	69.77	49.82	77.41	71.98	63.47	84.72	14.14	115.68	124.92	96.01	74.91
666	23060.19	27272.12	-	-	175.92	82.81	150.55	116.39	36.57	76.69	305.25	88.31	33.82	39.15	49.27
671	325.75	456.42	1042.31	1042.31	5210.30	247.20	279.77	147.16	193.23	726.18	176.64	41.15	112.21	114.49	54.53
672	632.75	453.99	151.81	151.81	164.54	107.55	81.67	105.84	49.30	450.27	381.92	567.00	258.87	158.50	49.84
673	69.45	152.13	-	-	283.61	97.60	189.73	127.80	95.18	281.63	263.05	249.39	466.42	115.18	107.45
674	4.93	36.75	76.42	76.42	89.28	43.44	50.79	48.61	55.18	166.01	167.31	140.30	163.47	56.99	43.92
675	12.25	115.64	144.56	144.56	166.88	94.65	118.56	94.24	60.82	421.00	242.09	235.45	209.53	72.74	60.27
676	4982.97	15616.20	40402.17	40402.17	159.49	99.81	83.12	49.42	105.17	14.16	0.29	672.32	776.05	5.13	17.97
677	-	-	-	-	639.85	300.25	282.80	141.02	82.01	247.92	103.00	130.20	149.48	46.57	33.46
678	110.08	232.33	278.78	278.78	177.31	140.67	115.05	106.86	77.54	102.57	124.83	152.92	180.96	273.58	321.19
679	-	-	169.42	169.42	225.58	178.40	175.85	100.04	88.19	78.21	73.77	78.91	104.87	91.27	53.02
681	-	-	-	-	118.96	78.33	65.79	54.57	71.36	208.72	190.01	374.29	247.50	243.46	296.36
682	152.05	48.86	120.75	120.75	105.46	72.43	81.38	85.25	89.70	108.28	104.38	100.55	79.59	62.96	60.54
683	25.99	81.61	134.52	134.52	218.19	156.40	83.99	104.99	53.47	569.21	121.38	128.69	639.61	147.89	168.04
684	40.55	73.65	572.30	572.30	524.92	794.30	742.47	163.99	44.83	327.93	40.72	43.78	37.30	135.56	16.50
685	40.40	14.94	61.53	61.53	75.87	125.04	87.43	82.09	73.34	88.13	105.31	89.20	92.86	59.88	115.76
686	55.91	34.76	80.12	80.12	90.80	54.33	73.54	99.57	41.18	76.94	84.79	69.89	72.93	34.65	57.18
687	137.84	126.02	114.07	114.07	125.63	93.16	121.59	153.97	76.23	56.50	72.56	92.77	45.03	77.72	95.14

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Appendix Table II.2 (contd.)

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Article code	1950-51	1955-56	1960-61	1965-66	1966-67	1967-68	1968-69	1969-70	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
689	183.12	228.28	-	71.19	140.26	99.22	99.66	75.80	65.84	380.23	159.88	136.98	136.98	146.96	237.40
691	139.54	1629.82	-	1189.92	915.06	197.25	39.85	0.17	49.08	633.08	1199.05	1080.56	1023.99	77.08	1151.63
692	-	-	-	9.87	409.56	389.01	231.58	227.89	146.20	99.76	173.95	209.07	436.23	491.70	369.63
693	6898.81	3302.45	-	490.81	504.12	42.16	138.32	1658.43	268.55	56.79	12.17	14.77	61.24	21.19	45.68
694	636.15	1365.96	-	310.87	80.35	135.52	48.18	19.99	73.39	27.00	52.58	48.74	51.35	15.33	10.82
695	1578.79	373.92	-	-	2.17	228.17	490.23	174.05	30.43	68.38	207.09	352.65	175.54	276.92	320.92
697	4838.96	6580.66	-	-	778.52	407.93	1299.10	4138.84	246.88	116.27	166.12	33.99	36.41	34.49	9.87
698	302.74	480.10	-	-	410.76	204.83	151.36	136.80	55.45	228.67	134.85	277.89	175.39	412.83	152.42
711	1404.42	1366.30	-	391.07	379.33	286.02	270.99	148.12	311.63	127.26	148.49	185.09	154.19	114.47	107.22
712	157.67	30.29	-	127.67	37.21	77.25	126.63	477.57	223.88	107.59	44.12	40.22	13.62	9.01	23.89
714	-	-	-	1020.94	159.50	163.65	162.84	142.38	208.11	160.01	128.07	170.25	65.15	98.69	98.69
715	50.43	92.12	-	281.63	588.44	405.28	222.81	165.66	265.97	172.31	100.52	97.97	87.02	85.05	94.79
717	1045.66	533.02	-	1332.26	1034.85	515.67	240.44	165.76	306.28	139.66	142.79	145.42	178.12	109.11	120.07
718	138.81	93.20	-	194.68	156.99	91.11	102.68	103.11	266.06	89.38	92.47	113.18	132.47	85.59	69.84
719	7.64	6.30	-	385.64	661.15	393.91	86.07	161.31	349.99	145.94	50.13	106.83	74.54	75.60	78.45
722	1458.69	957.16	-	10.98	327.46	192.96	170.62	135.02	291.63	2503.23	430.70	330.28	99.94	149.47	131.87
723	4562.19	28335.97	-	236.88	480.03	236.02	193.11	92.78	133.86	3283.00	487.70	410.49	269.65	492.66	82.57
724	1357.68	2035.94	-	182.65	440.06	2016.30	381.50	117.61	297.15	164.19	213.58	173.47	217.39	219.85	143.40
725	353.63	1075.86	-	6357.38	569.79	238.91	74.02	232.25	225.29	133.06	151.09	214.36	169.28	93.13	85.32
726	508.10	296.80	-	2051.38	80.98	69.31	71.52	57.66	159.26	40.65	54.85	39.88	33.94	50.09	25.54
729	269.69	265.67	-	61.91	410.51	159.16	187.29	92.57	240.82	90.51	87.82	103.50	97.35	111.77	112.15
731	4904.03	203.15	-	775.12	593.02	396.69	390.27	10.95	237.73	136.37	150.69	493.35	480.92	353.30	285.08
732	132.42	208.67	-	690.42	258.99	174.02	175.36	13.21	26.41	179.22	106.06	96.45	21.14	123.25	10.35
733	119602.50	4196.42	-	4535.49	1120.77	611.43	596.17	1665.90	730.33	940.40	337.60	1403.24	753.77	269.86	408.42
734	430.16	43.65	-	1.54	21.63	19.08	14.75	59.18	128.76	23.78	25.49	10.00	11.90	14.19	20.01
735	-	-	-	-	244.40	64.06	79.51	216.06	1052.96	42.27	33.27	139.89	15.66	50.32	169.33
812	862.77	2197.08	-	5748.89	2015.22	3082.62	2450.00	8565.57	723.41	45.65	322.61	527.69	748.26	200.84	394.50
821	144.81	69.98	-	-	113.68	110.00	142.74	2228.02	100.77	79.37	82.67	139.40	249.35	78.10	47.47
841	272.55	309.38	-	-	76.57	62.16	29.04	156.86	461.27	41.41	14.92	75.16	39.63	28.58	32.58
861	1.57	2.37	-	11.40	859.44	955.57	1062.18	264.85	124.21	104.52	138.34	201.48	128.32	74.29	94.90
862	98.98	138.91	-	0.657	82.51	104.81	52.96	80.92	76.23	81.65	75.46	79.34	55.05	24.08	29.29
863	12.36	49.54	-	242.53	87.37	188.59	158.44	152.55	97.72	54.35	30.89	49.45	49.34	231.05	134.84
864	17.42	254.38	-	1758.09	277.02	263.42	215.59	145.70	105.68	94.74	82.49	111.35	205.04	140.75	642.69

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Appendix Table II.2. (contd.)

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Article	1950-51	1955-56	1960-61	1965-66	1966-67	1967-68	1968-69	1969-70	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
891	77.95	11715.23	210.34	1.5.69	48.79	84.37	47.74	53.29	197.35	196.99	890.89	246.93	159.84	315.47
892	1.09	1.77	85.29	102.11	97.06	90.25	105.21	100.04	109.74	108.66	161.23	107.49	112.12	97.40
893	105.07	20341.75	-	178.90	141.57	103.45	92.83	93.09	363.59	175.62	82.80	77.56	245.68	127.46
894	12712.24	5502.98	-	65.48	116.65	73.00	69.74	74.84	36.61	66.61	61.43	37.71	30.30	23.51
895	1732.16	18374.46	-	250.25	77.39	179.06	735.51	55.40	98.71	120.52	223.79	691.24	312.20	355.13
896	12237.94	31528.79	-	590.53	328.36	121.60	146.77	105.98	165.16	124.89	262.39	194.52	193.92	38.24
897	278/2.79	5431.69	-	2599.31	2137.71	1611.31	2267.99	695.25	204.54	225.17	1083.56	199.57	327.63	813.70
899	124654.98	5602.87	-	172.82	111.34	56.63	140.21	58.19	105.75	53.05	94.63	61.59	117.66	51.39

Source : Estimates derived on the basis of the data available in (i) Monthly Statistics of the Foreign Trade of India, Vol. II:

Imports published by Directorate General of Commercial Intelligence and Statistics, Govt. of India. For the years 1960-61, 1965-66 to 1976-77 (ii) Accounts relating to the Foreign Trade and Navigation of India (sea and air borne) ~~Revised~~ ^{Revised} Department of Commercial Intelligence and Statistics, Govt. of India for the years 1950-51 and 1955-56. (iii) Accounts relating to the Foreign Trade of India by land with Foreign Countries, Department of Commercial Intelligence and Statistics, Govt. of India for the years 1950-51 and 1955-56.

Appendix Table II.3NAME OF THE COMMODITY ACCORDING TO ARTICLE NUMBER

<u>Article No.</u>	<u>Name of the Commodity</u>
001	Live Animals.
011	Meat, Fresh, Chilled or Frozen.
012	Meat dried, salted or smoked whether or not in air tight container.
013	Meat in air tight containers and meat preparation.
022	Milk and Cream.
023	Butter.
024	Cheese and curd.
025	Eggs.
031	Fish, Fresh and simply preserved.
032	Fish in air-tight containers and fish preparations.
041	Wheat.
042	Rice.
043	Barley, unmilled.
044	Maize (corn) unmilled.
045	Cereals unmilled other than wheat, rice barely and maize.
046	Meal and flour of wheat or of meslin.
047	Meal and flour of cereals except meal and flour of wheat or meslin.
048	Cereal preparations and preparations of flour and starch of fruits and vegetables.
049	Pulses and flour thereof.
051	Fruits Fresh and nuts (not including oil nuts) Fresh or dried.
052	Dried Fruits (including artificially dehydrated)
053	Fruits preserved and fruit preparations.

- 054 Vegetables Fresh, Frozen or simply preserved.
- 055 Vegetables roots and tubers preserved or prepared.
- 061 Sugar and honey.
- 062 Sugar confectionery and other sugar preparations.
- 071 Coffee.
- 072 Cocoa.
- 073 Chocolate and other food preparations containing cocoa and chocolate.
- 074 Tea and mate.
- 075 Species.
- 081 Feeding stuff for animal (not including unmilled cereals)
- 091 Margarine and shortening.
- 099 Food preparations NES.
- 111 Non-alcoholic beverages.
- 112 Alcoholic beverages.
- 121 Tobacco unmanufactured.
- 122 Tobacco manufactures.
- 211 Hides and skins (except fur skins) undressed.
- 212 Fur skins undressed.
- 221 Oil seeds, oil nuts and oil kernels.
- 231 Crude rubber (including synthetic and reclaimed).
- 241 Fuelwood and charcoal.
- 242 Wood in the rough or roughly squared.
- 243 Wood shaped or simply worked.
- 244 Wood shaped or simply worked.
- 244 Cork, raw and waste.
- 251 Pulp and waste paper.
- 261 Silk
- 262 Wool and other animal hair (except human hair.)
- 263 Cotton.
- 264 Jute.
- 265 Vegetable fibres except cotton and jute.

- 266 Synthetic and regenerated fibres (man made fibres).
- 267 Waste materials from tensile fabrics (including rags).
- 271 Fertilizers, crude.
- 273 Stone, sand and gravel.
- 274 Sulphur and unroasted iron pyrites.
- 275 Natural abrasives (including industrial diamonds).
- 276 Other crude minerals.
- 281 Iron ore and concentrates.
- 282 Iron and Steel scrap.
- 283 Ores and concentrates of non-ferrous base metals.
- 284 Non-ferrous metal scrap.
- 285 Silver and platinum ores.
- 286 Ores and concentrates uranium and thorium.
- 291 Crude animal materials n.e.s.
- 292 Crude vegetable materials n.e.s.
- 321 Coal, coke and briquettes.
- 331 Petroleum crude and partly refined for further refining
(excluding natural gasoline).
- 332 Petroleum products.
- 341 Gas natural and manufactured.
- 351 Electric energy.
- 411 Animal oils and fats.
- 421 Fixed vegetable oils, soft.
- 422 Other fixed vegetable oils.
- 431 Animal and vegetable oils and fats processed and waxes
of animal or vegetable origin.
- 512 Organic chemicals.
- 513 Inorganic chemicals, elements, oxides and halogen salts.
- 514 Other inorganic chemicals.
- 515 Radio active and associated materials.
- 521 Mineral tar and crude chemicals from coal, petroleum and
natural gas.

- 532 Dyeing and tanning extracts and synthetic tanning materials.
- 533 Pigments, paints, varnishes and related materials.
- 534 Synthetic organic dyestuff, natural indigo and colour likes.
- 541 Medicinal and pharmaceutical products.
- 551 Essential oils, perfume and flavour materials.
- 553 Perfumery and cosmetics, dentifrices and other toilet preparations (except soap).
- 554 Soaps, cleaning and polishing preparations.
- 561 Fertilizers manufactured.
- 571 Explosives and pyrotechnic products.
- 581 Plastic materials regenerated cellulose and artificial resins.
- 599 Chemical materials and products N.E.S.
- 611 Leather.
- 612 Manufactures of leather or of artificial or reconstituted leather N.E.S.
- 613 Fur skins, tanned or dressed (including dyed).
- 621 Materials of rubber.
- 629 Articles of rubber N.E.S.
- 631 Vencers, plywood boards "improved" or reconstituted wood and other wood, worked N.E.S.
- 632 Wood manufactures N.E.S.
- 633 Cork manufactures.
- 641 Paper and paper board.
- 642 Articles made of paper pulp, of paper or of paper board.
- 651 Textile yarn and thread.
- 653 Textile fabrics, woven (not including narrow or special fabrics) other than cotton and jute fabrics.
- 654 Tulle, lace, embroidery, ribbons, trimmings and other small wares except of cotton and jute.

- 655 Special textile fabrics and related products except of cotton and jute.
- 656 Made-up articles, wholly or chiefly of tensile materials n.e.s.
- 657 Floor coverings, tapestries etc. other than of cotton and jute.
- 658 Cotton manufactures excluding yarn and thread and clothing.
- 659 Jute manufactures excluding twist and yarn.
- 661 Lime, cement and fabricated building materials except glass and clay materials.
- 662 Clay construction materials and refractory construction materials.
- 663 Mineral manufactures n.e.s.
- 664 Glass.
- 665 Glass ware.
- 666 Pottery.
- 667 Pearls and precious and semi precious stones, unworked or worked.
- 671 Pig iron, spiegeleisen, sponge iron, iron and steel powders and shot and ferro-alloys.
- 672 Ingots and offer primary forms (including blanks fan tubes and pipes) of iron and steel.
- 673 Iron and steel bars, rods, angles shapes and sections (including sheet pillings).
- 674 Universals, plates and sheets of iron or steel.
- 675 Hoop and strip of iron or steel.
- 676 Rails and railway track construction material of iron or steel.
- 677 Iron and steel wire (excluding) wire-rod.
- 678 Tubes, pipes and fittings of iron or steel.
- 679 Iron and steel castings and forgings, unworked n.e.s.

- 681 Silver, platinum and other metals of the platinum group.
- 682 Copper
- 683 Nickel
- 684 Aluminium.
- 685 Lead
- 686 Zinc
- 687 Tin
- 688 Uranium and thorium and their alloys.
- 689 Miscellaneous non-ferrous base metals employed in metallurgy.
- 691 Finished structural parts and structures n.e.s.
- 692 Metal containers for storage and transport.
- 693 Wire products (excluding electric) and fencing grills.
- 694 Nails, screws, nuts, bolts, rivets and similar articles of iron, steel or of copper.
- 695 Tools for use in the hand or in the machines.
- 696 Cutlery.
- 697 Household equipment of base metals.
- 698 Manufactures of metals n.e.s.
- 711 Power generating machinery other than electric.
- 712 Agricultural machinery and implements.
- 715 Metal working machinery.
- 716 Office machines.
- 717 Textile and leather machinery.
- 718 Machines for special industries.
- 719 Machinery and appliances (other than electrical) and machine parts n.e.s.
- 722 Electrical power machinery and switchgear.
- 723 Equipment for distributing electricity.
- 724 Telecommunication apparatus.
- 725 Domestic electric equipment.
- 726 Electric apparatus for medical purposes and radiological apparatus.

- 729 Other electrical machinery and apparatus.
- 731 Railway vehicles.
- 732 Road motor vehicles.
- 733 Road vehicles other than motor vehicles.
- 734 Aircraft.
- 736 Ships and boats.
- 812 Sanitary, plumbing, heating and lighting fixtures and fittings.
- 821 Furniture.
- 831 Travel goods, handbags and similar articles.
- 841 Clothing (except fur clothings)
- 842 Fur clothing (not including headgear) and other articles made of fur skin artificial fur and articles thereof.
- 851 Footwear.
- 861 Scientific, medical, optical measuring and controlling instruments and apparatus.
- 862 Photographic and cinemetographic supplies.
- 863 Developed cinemetographic films.
- 864 Watches and clocks.
- 891 Musical instruments, sound recorders and reproducers and parts and accessories thereof.
- 892 Printed matter.
- 893 Articles of artificial plastic materials n.c.s.
- 894 Perambulators, toys, games and sporting goods.
- 895 Office and stationery supplies n.c.s.
- 896 Works of art collectors pieces and antiques.
- 897 Jewellery and goldsmiths' and silversmiths' ware.
- 899 Manufactured articles n.c.s.
- 911 Postal packages not classified according to kind.
- 931 Special transactions not classified according to kind.
- 941 Animals n.e.s. (including Zoo animals, dogs and cats).