

MANUAL
ON
WHOLESALE PRICE INDEX
(Base: 2011-12 = 100)



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Chapter I

INTRODUCTION

1.1 Importance of Wholesale Price Index

- 1.1.1 An Index is a measure of the change in a group of related variables over two different situations. Group of variables may be the prices of a specified set of commodities, the volumes of production in different sectors of an industry. Two different situations may be two different times, two different places etc. Index numbers are the indicators which reflect changes over a specified period of time in respect of prices of different commodities, industrial production, sales, imports and exports, cost of living, etc. These indicators are important tools for review and management of present economic positions and plan formulation. Some of the important indices like Wholesale Price Index (WPI), Index of Industrial Production (IIP), Consumer Price Index (CPI), etc. give a fairly good idea as to what is happening in the economy. Among the price indices in India, WPI is compiled and released on monthly basis by the Office of Economic Adviser, Department of Industrial Policy and Promotion (DIPP), Ministry of Commerce & Industry; CPI (Urban, Rural and All India) is released by Central Statistics Office (CSO), Ministry of Statistics & Programme Implementation (MoSPI); and CPI (Industrial Workers), CPI (Agricultural Labour) and CPI (Rural Labour) are a set of Indices released by the Labour Bureau, Ministry of Labour. Some States also compile variants of CPI and WPI indices at the State level.
- 1.1.2 WPI is an important measure to monitor the dynamic movement of prices at the wholesale level. In a dynamic world, prices keep on changing. WPI is used as a deflator of various nominal macroeconomic variables including Gross Domestic Product (GDP). The WPI based inflation estimates also serve as an important determinant, in formulation of trade, fiscal and other economic policies by the Government. WPI is also used for the purpose of escalation clauses in the supply of raw materials, machinery and construction work. Business firms in search of effective methods for coping with changes in prices often employ price adjustment (escalation) clauses in long-term sales and purchase contracts. WPI is widely recognized among business people, economists, statisticians, and accountants as a useful objective indexing tool in price adjustment clauses.

1.2 Need for a periodic revision in the base year of WPI

1.2.1 Over time economies undergo structural changes. This is also true in the contemporary Indian context. Under the current liberalized environment, changes in the economy are taking place at a fast pace. Product and their specifications, both in terms of content, quality and packaging, are changing even faster. It has, therefore, become increasingly difficult to obtain the price information of selected products for a fixed number of quotations over a longer period of time. Also, a number of products, which were very important in terms of the market share during the base year of the ongoing series, loose relative importance or completely phase out and get replaced by new substitutes in the market.

1.3 Need for revisiting the present base year 2004-05

1.3.1 The set of Wholesale Price Index numbers with base year 2004-05 was introduced with effect from 14th September, 2010. Significant structural changes have taken place in the Indian economy since then. Therefore, it became necessary to revise the index basket of the existing series of Index numbers of Wholesale Price in India (Base 2004-05=100).and revisit a range of issues such as examination of the coverage of commodities, base year, and weighting diagram etc.

1.4 Nodal Office for Compilation of WPI

1.4.1 The Office of the Economic Adviser in the Department of Industrial Policy and Promotion, Ministry of Commerce & Industry is responsible for compiling WPI and releasing it. The first Economic Adviser to the Government of India in pre-Independence India, Sir Theodore E.G. Gregory (period 1937-1946) had started the 'Quick' series, using the week ended August 19, 1939 as base and computed the index from the week commencing January 10, 1942. Since 1947 the index is being published regularly. Six revisions have taken place introducing the new base years, viz., 1952-53, 1961-62, 1970-71, 1981-82, 1993-94 and 2004-05. The new series of WPI with base year of 2011-12 is the seventh revision of WPI.

1.5 The Working Group and its terms of reference

1.5.1 A Working Group for the revision of the Wholesale Price Index Numbers (Base: 2004-05=100) was constituted under the Chairmanship of Late Dr Saumitra Chaudhuri, the Ex-Member of the then Planning Commission, New Delhi, vide Department of Industrial

Policy & Promotion (Office of the Economic Adviser) No.Ec.Ad/B-6/2WPD/2012 Dated 19th March, 2012. While some members of the Working Group had to leave due to superannuation, some had to leave due to their transfer during the working of the Group, requiring replacement to be carried out from time to time in the composition of the Group. Some of the members were also co-opted subsequent to the initial formation of the Working Group.

1.5.2 The Terms of Reference of the Working Group were as follows:

- To select the most appropriate Base Year for the preparation of a new official series of Index Numbers of Wholesale Price (WPI), Producers Price Index (PPI) and Business Service Price Index (BSPI) in India.
- To review commodity basket of the current series of WPI, PPI and BSPI and suggest additions/ deletions of commodities in the light of structural changes in the economy witnessed since 2004-05.
- To evolve a suitable system for allocation weight to the various commodities to be included in the WPI/ PPI/BSPI basket.
- To decide the computational methodology to be adopted for Monthly WPI/ PPI.
- To suggest methods for ensuring smooth flow of data and also to look into the possibility of having a single agency for collecting data for Wholesale Price Index (WPI) and Index of Industrial Production (IIP).
- To suggest any other improvements as may be necessary for enhancing the reliability of the official series of WPI/PPI/BSPI.

1.5.3 Following the recommendation of the Working Group for the revision of the WPI (Base 2004-05) series, a representative commodity basket comprising **697** items has been selected. The weighting structure derived for the new series is consistent with the structure of the economy for the year 2011-12. The number of quotations selected for collecting price data for the above items are **8331**. Item-wise number of quotations is given in **Annex-I**. A comparative statement of weights, number of items and number of quotations between the old series (Base 2004-05 = 100) and new series (Base: 2011-12 =100) is given for the major groups in **Table 1.1**.

Table 1.1: Comparative Weights, No. & Items and No. of Quotations in old and new WPI series

Major Group/Group	Weight		No. of Items		No. of Quotations	
	2011-12	2004-05	2011-12	2004-05	2011-12	2004-05
All Commodities	100.00	100.00	697	676	8331	5482
I Primary Articles	22.61756	20.11815	117	102	983	579
II Fuel & Power	13.15190	14.91021	16	19	442	72
III Manufactured Products	64.23054	64.97164	564	555	6906	4831

The evolution of WPI in India may be summed up in the following Table 1.2¹

Table 1.2: Evolution of WPI in India

Base:-	Year of Introduction	Averaging and Weights	No. of Items	No. of Price Quotations
Week ended 19th August, 1939	10th January, 1942	GM with equal weights	23	23
Last week of August 1939	1945	Weighted GM	Food Articles	46
End August, 1939	1947	Weighted GM	78	215
1952-53 (1948-49 as weight base)	1952	Weighted AM	112	555
1961-62	July, 1969	Weighted AM	139	774
1970-71	January, 1977	Weighted AM	360	1295
1981-82	July, 1989	Weighted AM	447	2371
1993-94	April, 2000	Weighted AM	435	1918
2004-05	September, 2010	Weighted AM	676	5482
2011-12	May, 2017	GM for elementary index and weighted AM for	697	8331

NB: AM = Arithmetic Mean; GM= Geometric Mean

¹ Table 1.2 has been adopted and updated from the article titled "Data Relating to Prices in India" by V. Pandit, (2000), Indian Economic Review, Vol. XXXV, No. 1.

Chapter II

CONCEPT AND METHODOLOGY

2.1 About the Price Index

2.1.1 The price index is an indicator of the average price movement over time of a fixed basket of goods and services. The formation of the basket of goods and services is done keeping into the consideration, whether the changes are to be measured in retail, wholesale or producer prices. At present, separate series of index numbers are compiled to capture the price movements at retail and wholesale level in India. The Wholesale Price Index (WPI) number is a measure of average wholesale price movement for the economy.

2.2 Changes in Definition of Wholesale Price Index

Wholesale price is generally defined to capture all bulk transactions of goods carried out in the domestic market. The universe of WPI, therefore, comprises all possible transactions at first point of bulk sale in the domestic market. However, there are, in practice, many points of bulk sale, such as for agricultural items for which it refers to the mandi price; for minerals, it refers to ex-mine prices; and for petroleum products it refers to Refinery Transfer Price (RTP). In the WPI (Base 2004-05) series, ex-factory prices, inclusive of excise duties, were used as first point of bulk sale in respect of manufactured products. However, in the 2011-12 WPI series, the effective prices for Manufactured Products used for compilation has been changed to be defined as the “basic/list price – rebate/trade discount”, thus leaving out any indirect taxes such as Central Excise Duty (CED) as part of price definition.

Excluding indirect taxes from ex-factory prices for manufactured products is in line with international practices and inflation estimates are not influenced by fiscal policy changes. Also, this change would bring WPI closer to the concept of Producer Price Index (PPI), for the Manufactured Products.

2.3 Treatment of Exports and Imports

- 2.3.1 In the WPI (Base 2004-05) series, weights of the item basket were derived by calculating the net traded value by adding the net imports to the domestic production. This practice has been retained in the new series also. The only exception to this rule being the ‘Crude Oil’ where only domestic value of production was considered as crude is not traded in the domestic market. The reason for this is that imports of Crude Oil are very large as compared with the domestic production, and crude itself is not traded in the domestic market. Moreover, its derivatives (i.e petroleum products) are already included in the WPI item basket as individual products in the major group ‘Fuel and Power’.
- 2.3.2 **Compilation of Edible Oil Weights Group:** Edible oils falls under the four digit sub-group “Manufacture of vegetable and animal oils and fats”. Although for all the manufactured product sub groups, the value of output was adjusted for exports and imports only at the two digit level, an exception was made for the group “Manufacture of Vegetable and Animals Oil & Fats” on the recommendation of the Department of Food & Public Distribution. For this four digit group, its net traded value was distributed on a pro rata basis based on value of output of edible oils adjusted for exports and imports at item level. This was done to factor in very high imports of edible oils, in particular, palm oil..

2.4 Treatment of Coal

- 2.4.1 In the WPI (Base 2004-05) series, there were four items (1) Coking Coal (2) Non-Coking Coal (3) Coke and (4) Lignite; under sub group ‘Coal’ of “Fuel & Power” Major Group. Coke as an item has been deleted from sub group ‘Coal’ of Fuel and Power in WPI (Base 2011-12) series. Non-Coking Coal has been trifurcated into the following categories as separate items based on Gross Calorific Value (GCV) grades.
- a. Non-Coking Coal G1 to G6 [GCV >5500 Kcal/kg.]
 - b. Non-Coking Coal G7 to G14 [GCV 3100 Kcal/kg to 5500 Kcal/kg]
 - c. Non-Coking Coal G15 to G17 [GCV < 3100 Kcal/kg.]
- The pit head run of mine price of coal has been considered for WPI under the new series (2011-12).

2.5 Selection of Base Year

- 2.5.1 The well-known criteria for the selection of a new base year are: (i) a normal year, i.e., a year in which there are no abnormalities in the level of production, trade and in the price level and price variations, (ii) a year for which reliable production, price and other required data are available, and (iii) a year as recent as possible and comparable with other data series.

The year 2011-12 was assessed to be a normal year from the point of view of agriculture production and commodity prices. The Central Statistics Office (CSO) shifted its National Account Statistics (NAS) base to the new base year of 2011-12. In order to make the WPI series compatible with other important series in terms of a common base to all of them it was decided that the year 2011-12 would be the new base year for the new WPI series also.

2.6 Selection of Basket

- 2.6.1 With a view to reflecting adequately the changes that have taken place in the structure of the economy, almost all the important items being transacted in the economy have been included in the revised basket (detail list of new items has been provided in **Annex-III**).

2.6.2 Selection of Agricultural Commodities

The choice of commodities, varieties/ grades, market centres and sources of price data in respect of agricultural commodities has been made as per the recommendations of the Sub-Group on Agricultural Items. The Sub-Group on Agricultural Items recommended the inclusion of new items such as Bitter Gourd, Mosambi (Sweet Orange), and Pomegranate. In addition to these some more items such as Tamarind, Pumpkin, Bottle Gourd, Cucumber, Beans, Carrot, Radish, Pointed gourd, Drumstick, Cherry, Jackfruit, Pear, Almonds, Walnut and Betel Leaves, Peas/Chawli, Rajma, Jackfruit, and Pear, have been added as the Working Group considered these relatively important.

2.6.3 Selection of items in the Mineral, Crude Petroleum and Natural Gas Group and Fuel and Power Major Group

The Mining, Fuel and Power Sub-Group recommended the selection of items under Fuel and Power major group and minerals sub-group of Primary Articles Major Group.

- **Minerals:** For inclusion of the mineral items and their grades, market centres, etc., the working Group went by the suggestions of the Indian Bureau of Mines.

Under Minerals Group, new minerals such as Copper Concentrate, Lead Concentrate and Garnet were added whereas Gypsum, Kaolin, Dolomite, Barytes, Steatite, Copper Ore, Graphite, Fireclay and Magnesite were removed in the new series of WPI base 2011-12. Dolomite, Barytes, Gypsum, Kaolin and Steatite have been declared as minor minerals under Mineral Conservation and Development Rules and hence their data would not be collected by Indian Bureau of Mines which is the source agency for price data of minerals. New minerals such as Copper Concentrate, Lead Concentrate, and Garnet have been added in the new basket.

- **Crude Petroleum & Natural Gas:** Value of Crude Petroleum was taken from Indian Petroleum and Natural Gas Statistics (2011-12) for deriving its weight. As indicated earlier, the value of imported crude was not taken into account while deriving its weight on the ground that crude is not traded as such in the domestic market and its derivatives are already included in the basket as independent items in the major group Fuel and Power.
- **Fuel & Power:** The item basket for the Fuel and Power Group was finalized based on suggestions received from Ministry of Petroleum and Natural Gas, Office of the Coal Controller and Central Electricity Authority. The sub-group also proposed to include Natural Gas as a separate item under Primary Articles in the new series along with Crude Oil.

In the WPI (Base 2004-05) series, there were 10 items with 47 price quotations under 'Mineral oils' reported by three PSUs (IOCL, BPCL and HPCL) covering three metro cities Mumbai, Kolkata and Chennai. In view of the rapid growth of refineries in the country and variation in prices in coastal and inland refineries, it was realized that the inland refineries should also be brought under the ambit of the new series so as to improve the all-India coverage of WPI. Therefore, number of price quotations has been increased to 266 in WPI (Base 2011-12) series. Petroleum coke has been introduced as a new item in view of its increased consumption. Light Diesel Oil (LDO) has been dropped in view of the decline in its production and consumption.

Table 2.1: Comparative Statement of number of Products and Price Quotations

	Number of Products				Number of Price Quotations			
Major Groups/Groups	1981-82	1993-94	2004-05	2011-12	1981-82	1993-94	2004-05	2011-12
All Commodities	447	435	676	697	2371	1918	5482	8331
Primary Articles	93	98	102	117	519	455	579	983
Food Articles	44	54	55	76	320	340	431	784
Non Food Articles	28	25	29	28	132	96	108	146
Minerals	21	19	18	11	67	19	40	33
Crude Petroleum & Natural Gas			1	2			4	20
Fuel and Power	20	19	19	16	73	72	72	442
Coal		4	4	5		20	20	127
Mineral Oils		10	10	10		47	47	266
Electricity		5	5	1		5	5	49
Manufactured Products	334	318	555	564	1779	1391	4831	6906
Food Products	35	41	57	60	231	168	406	1196
Beverages	7	11	15	7	39	49	102	181
Tobacco Products	NA			3	NA			51
Textiles	27	29	55	25	120	100	457	433
Wearing Apparel	NA			8	NA			113
Leather and Related Products	3	1	13	11	26	9	91	143
Wood and Products of Wood and Cork	2	2	10	10	14	9	64	139
Paper and Paper Products	11	11	18	20	74	67	138	218
Printing and Reproduction of Recorded Media	NA			7	NA			97
Chemical and Chemical Products	77	69	107	77	428	276	1111	1015
Pharmaceuticals, Medicinal Chemical and Botanical Products	NA			23	NA			166
Rubber and Plastics Products	13	15	45	38	73	55	351	448
Other Non-Metallic Mineral Products	22	9	26	26	125	42	225	382
Basic Metals	57	53	69	41	235	203	696	525
Fabricated Metal Products, Except Machinery and Equipment	NA			27	NA			215
Computer, Electronic and Optical Products	NA			18	NA			105
Electrical Equipment	NA			48	NA			468
Machinery and Equipment	44	56	107	61	266	312	903	516

Motor Vehicles, trailers and Semi-Trailers	22	21	33	24	118	101	287	264
Other Transport Equipment	NA			11	NA			64
Furniture	NA			6	NA			87
Other Manufacturing	NA			13	NA			80

2.6.4 Selection of products in the Manufactured Products Group

For Manufactured Products, in line with current methodology, each product group in the item basket has been represented by such number of items which altogether cover at least 80% of the net traded value at the group level. Also the item basket for WPI has been synchronized, to the extent possible, with the item basket of new series of Index of Industrial Production (IIP) (Base 2011-12=100).

2.6.5 Selection of Specifications & Quotations for Products

The selection of specifications in respect of the manufactured products as also the selection of sources for supplying price data has been on the basis of a list of leading manufacturers of those items. Efforts were made to include at least five price quotations in respect of representative grades for each product/product group, subject to availability of that many manufacturing units for the selected items.

2.7 Basket of Commodities

2.7.1 In all **697** items have been selected in the commodity basket of the new series. A detailed list of common items (**Annex-II**), new items (**Annex-III**) and dropped items (**Annex-V**) with their respective weights from old and new series have been provided. A comparison of the number of items and price quotations at the level of the groups in the earlier series and the new series is presented in **Table- 2.1**.

2.8 Weighting Structure

2.8.1 Weights for items under different groups have been assigned on the basis of their total wholesale transactions in the economy. For agricultural items, the Working Group did not recommend using Marketable Surplus Ratios (MSRs) for derivation of weights as latest estimates of MSRs for relevant items were not available at that time. Subsequently, estimates of MSRs for relevant years were published by Ministry of Agriculture and Farmer's Welfare and they have now been taken into account for compilation of the weights for relevant agricultural items in line with the methodology of the 2004-05 series. **Table 2.2** presents a comparative picture of weighting structure of the 2011-12 series with the earlier WPI series.

Major Groups/Groups	1970-71	1981-82	1993-94	2004-05	2011-12
All Commodities	100.000	100.000	100.000	100.000	100.000
Primary Articles	41.667	32.295	22.025	20.118	22.618
Food Articles	29.799	17.386	15.402	14.337	15.256
Non Food Articles	10.621	10.081	6.138	4.258	4.119
Minerals	1.247	4.823	0.485	0.623	0.833
Crude Petroleum & Natural Gas				0.900	2.410
Fuel and Power	8.459	10.663	14.226	14.910	13.152
Coal		1.256	1.753	2.094	2.138
Mineral Oils		6.666	6.987	9.364	7.950
Electricity		2.741	5.484	3.452	3.064
Manufactured Products	49.874	57.042	63.749	64.972	64.230
Food Products	12.322	10.143	11.538	9.974	9.122
Beverages	2.708	2.149	1.339	1.762	0.909
Tobacco Products					0.514
Textiles	11.026	11.545	9.800	7.326	4.881
Wearing Apparel					0.814
Leather and Related Products	0.385	1.018	1.019	0.835	0.535
Wood and Products of Wood and Cork	0.174	1.198	0.173	0.587	0.772
Paper and Paper Products	0.851	1.988	2.044	2.034	1.113
Printing and Reproduction of Recorded Media					0.676
Chemical and Chemical Products	5.548	7.355	11.931	12.018	6.465
Pharmaceuticals, Medicinal Chemical and Botanical Products					1.993
Rubber and Plastics Products	1.207	1.592	2.388	2.987	2.299

Other Non-Metallic Mineral Products				2.556	3.202
Basic Metals	5.974	7.632	8.342	10.748	9.646
Fabricated Metal Products, Except Machinery and Equipment					3.155
Computer, Electronic and Optical Products					2.009
Electrical Equipment					2.930
Machinery and Equipment	5.045	6.268	8.363	8.931	4.789
Motor Vehicles, trailers and Semi-Trailers	1.673	2.705	4.295	5.213	4.969
Other Transport Equipment					1.648
Furniture					0.727
Other Manufacturing	0.546	0.972	0.000	0.000	1.064

2.8.2 **Primary Articles:** To derive the weights of Agricultural and related commodities value of output was taken from the Statements 8.1.2, 8.2, 8.3 & 8.4 of “National Accounts Statistics” 2016 for years 2011-12 and 2012-13 and Statements 55, 56, 57 & 58 of “National Accounts Statistics” 2013 for year 2010-11. The average value of output for the triennium ending 2012-13 (i.e. 2010-11, 2011-12, and 2012-13) at current prices was taken into account. The value of output was adjusted for imports and exports to arrive at the net traded values. Net traded values have been adjusted for Marketed Surplus Ratios (MSRs). Paddy is part of Primary Articles while for rice falls under the “Food Products” group of Manufacturing Major Group. ‘Logs & Timber’ has been renamed as ‘Industrial Wood’.

2.8.3 **Minerals:** Minerals is a group under the Major Group “Primary Articles”. Value of output of minerals has been provided by Indian Bureau of Mines (IBM) Nagpur. Since Dolomite, Barytes, Gypsum, Kaolin and Steatite were declared as minor minerals by IBM, these items were omitted and their weights were adjusted with the remaining minerals of the "Other minerals" group.

2.8.4 **Mineral Oils:** Value of Output of petroleum products at current prices has been taken from Ministry of Petroleum and Natural Gas publication titled Indian Petroleum and Natural Gas Statistics 2011-12. The export of petroleum products has been treated as direct exports and all imports are treated as traded in the domestic market. Therefore, group level weights have been worked out on the basis of net traded value for Mineral Oils. The Wholesale price reported by Oil Marketing Companies (OMCs) is termed as the Basic Selling Price.

- 2.8.5 **Electricity:** The Working Group deliberated on the issue of using electricity as a single item instead of treating it as multiple items based on its usage in different sectors such as agriculture, industry, domestic, commercial, and for railways as was the case in WPI (2004-05) series. The value of output for electricity is determined by using the data relating to generation of electricity. The price of electricity is as the All India Average rate of sale of power based on the data collected from various power utilities (central, state, private) in the country by Central Electricity Authority (**CEA**). Monthly average rate of sale of power of selected generating stations from Central, state and private sector covering Hydro and Thermal duly approved by Central Electricity Regulatory Commission (CERC)/ State Electricity Regulation Commissions (SERCs) including monthly Fuel Surcharge Adjustment (FSA) has been used as electricity price for computation of electricity price index in the new WPI series. Thus, this constitutes a marked departure from the previous WPI series.
- 2.8.6 **Manufactured Products:** The National Industrial Classification (NIC- 2008) has been followed for the revised series in respect of manufactured products. There are 22 two digit groups, 119 four digit sub groups and 564 commodities. At first, all the ASI items were classified into 22 groups under 'Manufactured Products' in WPI at 2 digit level. Then, within each group, all the items were arranged in descending order of value of output. Starting from the item with highest value of output and moving downward, items were selected till the cumulative value of output becomes at least 80% of the total output value of the group. The same procedure was adopted for all the 22 groups to select the items. The hierarchy adopted for assigning of weights is 2 digit manufacturing groups as broad groups, 4 digit manufacturing as sub groups and the 5 digit manufacturing as commodities/items. The value of output at current prices from registered (*corporate sector*) and unregistered (*household sector*) manufacturing industries have been considered to prepare the weighting structure at the 2 digit level. A reclassification of the following groups at 2 digit level has been done in the new WPI series for comparison with the previous WPI series.

Two new groups "Manufacture of furniture", and "Other Manufacturing" have been added in the new WPI (Base 2011-12) series.

S. No.	2004-05	2011-12
1	Beverage, tobacco and tobacco products	I. Manufacture of Beverages II. Manufacture of Tobacco Products
2	Textiles	I. Manufacture of Textiles II. Manufacture of Wearing Apparel
3	Paper and paper products	I. Manufacture of Paper and paper Products II. Manufacture of Printing and Reproduction of Recorded Media
4	Chemical and chemical products	I. Manufacture of Chemicals and Chemical Products II. Manufacture of Pharmaceuticals, Medicinal Chemical and Botanical Products
5	Basic metal , alloys and metal products	I. Manufacture of Basic Metals II. Manufacture of Fabricated Metal Products, except Machinery and Equipment
6	Machinery and machine tools	I. Manufacture of Computer, Electronic and Optical Products II. Manufacture of Electrical Equipment III. Manufacture of Machinery and Equipment
7	Transport equipment & parts	I. Manufacture of Motor Vehicles, Trailers and Semi-Trailers II. Manufacture of Transport Equipment

2.9 Method of Calculation of WPI

2.9.1 The Compilation of new WPI series broadly consists of two stages –

(i) First, the item level indices (i.e. elementary price index) are calculated using **“Jevons Index formula”**, which uses the **Geometric Mean (GM)** of Price Relatives (i.e. the price change). Price relatives are calculated as the percentage ratios, i.e. by dividing the current price by the base period price and multiplying the quotient by 100. These elementary indices are the lowest level of aggregation where prices are combined into price indices.

(ii) In the second stage, these elementary price indices are aggregated using weighted arithmetic mean to obtain higher level (at sub-group/ group/ major group/ All Commodities level) indices using **Laspeyre’s index formula**, which has a fixed base-year weighting diagram operative through the entire life span of the series.

The formula used is:

$$I = \frac{\sum (I_i \times W_i)}{\sum W_i}$$

Where, \sum represents the summation operation,

I = Index Number of wholesale prices of a sub-group/group/major group/All commodities

W_i = weight assigned to the i th item/sub- group/group/major group

I_i = Index of the i th item/sub- group/group/major group

2.9.2 Rationale for using Jevons Index formula for elementary price index

In the new WPI series, elementary price index (i.e. at the item level) has been computed using the geometric mean of the price relatives (Jevons’ Index) as opposed to the practice of taking arithmetic mean of price relatives (Carli Index) as was the case in the previous WPI series. Since in the computation of all India CPI geometric mean is used for calculation of elementary index, therefore, for convergence of methods used in index compilation by the government the decision has been taken to use Geometric Mean in new WPI series also. Also, statistically Jevons’ Index is taken to be more robust in comparison to Carli the former passes crucial axiomatic tests such as time reversal and factor reversal tests.² In particular, Carli index gives more weight to price increases than to decreases thus carries an upward bias, whereas the Jevons’ Index gives equal weight to upward and downward movements within the elementary aggregate. Since it is not desirable to allow the item level indices to be swayed by price movements of higher priced items especially when number of quotations is less, Jevons’ index seems to be a reasonable choice for computing item level index.

² Verma, A (2016): “Formula Does Matter: Finding the Right Prices”, EPW, Vol. LI No. 16
Fisher, I (1992): “The Making of Index Numbers”, Boston: Houghton Mifflin.

2.9.3 An example of compilation of WPI for a particular item having 11 quotations is given below:

Quotation No.	Base Price	Current Price	Price relative=(current price/base price)*100
1	2989.04	6150.00	205.75168
2	2777.31	7000.00	252.04244
3	2987.31	3500.00	117.16226
4	2848.94	6050.00	212.35968
5	3120.65	5500.00	176.24533
6	1900.00	3800.00	200.00000
7	2741.57	5800.00	211.55761
8	2875.58	5200.00	180.83308
9	2639.90	6300.00	238.64540
10	2710.38	2950.00	108.84083
11	1343.37	4300.00	320.09052
Geometric Mean of Price Relatives =			193.7779844

WPI for the particular item is the geometric mean of the price relatives, i.e. 193.78

2.9.4 **Compilation of WPI at Group Level:** Compilation of WPI at elementary/item level has been done using Jevons Index Formula, which basically aggregates the price relatives of different quotations using Geometric Mean (GM). For compilation of WPI at higher level i.e. sub-group/group level aggregation of the elementary index belonging to particular sub-group using Arithmetic Mean (AM) has been done.

2.9.5 **Compilation of Food Index:** A separate new “Food index” has been introduced for the new WPI series on the recommendation of Ministry of Finance. This index is compiled by taking the aggregate of WPI for “Food Products” under Manufacture Products and “Food Articles” under Primary Article using weighted arithmetic mean. WPI Food Index, therefore, is basically a derived Index.

2.10 Seasonal Items

There are a number of agricultural items, especially in fruits and vegetables group which are of seasonal nature. When a particular seasonal item disappears from the market and its prices are not quoted, the index of such an item is not compiled and its weight is distributed over the remaining items in the concerned sub-group, on a *pro rata* basis. Reporting period of some of the seasonal fruits and vegetable items has increased based on the availability of price quotations for longer duration.

2.11 Linking Factor

In order to maintain continuity in the time series data on wholesale price index, it is imperative to provide a linking factor so that the new series may be compared with the outgoing one. The Office of the Economic Adviser has been using the arithmetic conversion method to link the various prices index series. The linking factor for the three broad groups of commodities WPI are in the Table 2.3 below. Users are, however, free to choose any other method as may be considered appropriate by them.

Table 2.3: Linking Factor

	WPI (Base2004-05) for 2011-12	Linking Factor
All commodities	156.1	1.561
Primary articles	200.3	2.003
Fuel & Power	169.0	1.690
Manufactured Products	139.5	1.395

2.12 Computerization of the index compilation

The National Informatics Centre and Office of Economic Adviser have been working in tandem as a team for the successful release of the revised Wholesale Price Index Series and to ensure that the transition from series based on 2004-05 to the new series 2011-12 is smooth. For this purpose, appropriate software modules were developed by NIC.

Chapter III

DATA COLLECTION & DISSEMINATION

3.1 Data Collection and Mechanism

- 3.1.1 Collection of backlog data for most items of the Manufacturing Products of the new series of Wholesale Price Index (WPI) (Base 2011-12=100) has been done under the Collection of Statistics (CoS) Act, 2008. For Manufactured products, apart from private Manufacturing Units, data is also collected from some government agencies. Price data pertaining to Primary Articles and Fuel & Power were mainly collected from administrative Ministries/ Departments, Public Sector Undertakings (PSUs) and State Government Departments. Ministry of Agriculture & Farmers Welfare and National Horticulture Board provide data for the Food Articles. Ministry of Petroleum and Natural Gas and Oil Marketing Companies (OMCs) provide data for mineral oils. The Central Electricity Authority provides price data for electricity. Coal India Limited has been providing data for Coal.

In order to ensure smooth flow of price data, Office of Economic Adviser has developed an online data transmission mechanism whereby the factories/ manufacturing units can directly login to the website using the passwords given to them and send price information. An arrangement has been made with National Sample Survey Organisation (Field Operations Division), Ministry of Statistics & Programme Implementation (MOSPI) to assist the manufacturing units in submitting data and duly validating the submitted data at field level.

3.2 Data Management and Dissemination System

- 3.2.1 Compilation of a qualitative index depends upon the quality of data management and data dissemination. Due to improved computer facilities, it has now become easier to compile, store and transmit WPI data. As Special Data Dissemination Standard (SDDS) norms of IMF are applicable to WPI, every effort is made to ensure timeliness and transparency in release of the indices. Monthly WPI for All Commodities is released on 14th of every month (next working day, if 14th is holiday). Detailed item level WPI is also put on official website for public use. WPI is the only price index disseminated at item level. Time series data on WPI since April 1953 are available on the website (<http://eaindustry.nic.in/>) of the Office

of Economic Adviser. This website also contains an archive of press releases from September 2010 onwards.

3.3 Procedure for Estimation for Non-response and Data Substitution

It has been observed that as a WPI series grow older, many of the items in the basket tend to disappear from the market, or specifications of items may change or the source agency may no longer manufacture the item initially chosen in the basket. In all such cases, following actions can be initiated for substitution:

- a) If the source agency stops manufacturing but the item is still available in the market, then efforts are made to locate and fix another representative source producing item with matching specification.
- b) In case no suitable substitute is available, the weight of the item is imputed to similar other item showing similar price trend or among other items of the sub- group/ group. The criterion for imputation is that the price movement of the outgoing item and the item to which weight is imputed is similar. Imputation of weight is not a long- term solution and ultimately replacement has to be effected.
- c) In case item with different specifications need to be taken in the basket as a substitute then the new price and old price is linked by splicing. Splicing is attempted as per a prescribed procedure:
 - (i) First of all it is ensured that the prices of both the price quotations, outgoing quotation (old price) and incoming quotation (new price) are collected concurrently for some time and respective price movements observed for any extreme variation. Splicing is done by working out a ratio (linking coefficient) of concurrent price quotations and multiplied by the base price as below:

$$\frac{\text{Price of New Quotation (Incoming Price)}}{\text{Price of old quotation (Outgoing Price)}} \times (\text{Base Price of the item})$$

- (ii) Price relatives are worked out by dividing the current price with the updated base price. Splicing can be done other way round, wherein, linking coefficient can be worked out by dividing old price (outgoing quote) with the new price (incoming quote) and multiplied by the current price.

3.4 **Provisional vs. Final Index**

The monthly index of wholesale prices at the time of its initial compilation and release is provisional in nature because it does not take into account some of the price quotations that are received belatedly. In such cases, the prices of the missing quotations are either repeated or estimated depending on the nature of the commodity. The provisional index is made final after a period of eight weeks/ two months by which time almost all the required price quotations are expected to have become available. However, once the Index is finalized, it is not altered for any further delayed receipt of data.

Chapter IV

RELEASE OF NEW SERIES

4.1 **Technical report by the Working Group**

4.1.1 As per the established practice, a Working Group (WG) was set up for revision of WPI (Base 2004-05) series under the Chairmanship of Late Dr Saumitra Chaudhuri, Ex-Member, of the then Planning Commission, New Delhi, with members comprising of experts and stakeholders to suggest the methodology for the revision of the WPI (Base 2004-05) series. Detailed deliberations on all aspects including methodological issues were held first at the level of sub groups and thereafter in the Working Group. The views expressed at both the levels and recommendations based thereon are incorporated in the report of the Working Group.

4.1.2 The Working Group submitted its technical report in March, 2014. At the time of submission of the Technical Report, a tentative commodity basket and the weighting diagram was drawn up with base 2009-10. Since, some of the data required for construction of the WPI with 2011-12 as base year was not available, the WG recommended that the index with base year 2011-12 would be constructed broadly on the basis of the commodity basket that was drawn up for 2009-10, since the time lapse between 2009-10 and 2011-12 was small. The Working Group, however, gave detailed recommendations with regard to the choice of base year, the method of selection of items, preparation of weighting diagram and collection of prices. While most of the recommendations of the Working Group were accepted and incorporated for computing the new series, there were a few that could not be incorporated due to data constraints and other practical issues.

4.2 **Examination of the New Series by TAC on SPCL and NSC**

4.2.1 The new series of WPI was examined by both the Technical Advisory Committee on Prices and Cost of Living (TAC on SPCL) constituted by Central Statistics Office and National Statistical Commission (NSC). Both these bodies broadly agreed with the approach and methodology for compilation of new series of WPI (Base 2011-12). Some of the suggestions

for improvement made by these bodies were also incorporated in the computations of WPI and/or for adopting procedures of dissemination of changes brought about in the new WPI series.

4.3 **Approval for release of WPI**

- 4.3.1 The revision of the Index of Wholesale Prices was discussed in the meeting of Committee of Secretaries (CoS) held on 14th March 2017 which approved the release of the new series.

Chapter V

Limitations of Wholesale Price Index

- 5.1 As an economy wide high frequency indicator, WPI provides an estimate of the headline inflation at wholesale level and is also used for the purpose of GDP deflator for sectors where the output is available in value terms.
- 5.2 WPI is also being used by various agencies for indexation/escalation purposes. WPI as an indexation yardstick has been preferred over other price indicators due to its availability, its spread/coverage and credibility. WPI measures price changes objectively, both at aggregate level and for particular products, free from possible manipulation by either of the contracting parties. Being an economy-wide index, it is natural for WPI to capture the most important items. Selection of items also depends on the availability of the monthly information (price quotations). It is natural, therefore, that many commodities and items or sub-items may not find a place in the WPI. This limitation of the WPI must be known upfront to any agency, which is using the WPI for the purpose of indexation. The unit price for any item within the WPI system is collected from establishments under the clause of confidentiality and is not published.
- 5.3 Provisional WPI is released with a time lag of two weeks of the reference month and is initially provisional. After eight weeks, the index is finalized and final figures are released and then frozen thereafter. Thus, no further changes are incorporated in the index after 10 weeks. Because of this approach, delayed responses from data sources can only be included retrospectively only up to 8 weeks. Though the delayed responses are captured for more current period and the index gets aligned to recent prices, the back series of the index (of earlier weeks) may continue to differ as it is frozen. There may also be some problems of non-response for a particular commodity/item or commodity/group, which delay the alignment for a considerable period.
- 5.4 There has normally been a difference between provisional and final figures and this is not unique to WPI. Every other series including GDP, IIP, CPI etc. also have a mechanism of revising the initial estimates during a well-defined time interval.

5.5 WPI series has been revised by shifting base year from 2004-05 to 2011-12 and the basket of commodities/items has been reselected afresh in order to capture the recent structure of the economy. As such, there may not be one-to-one correspondence for all commodities in the two series.

In order to maintain continuity in the time series data in the WPI, it is imperative to provide a linking factor so that the new series, when released, may be compared with the outgoing one. As a matter of policy, the *Office of Economic Adviser* (OEA) does not prescribe or recommend any particular method to link price index series of different bases to data users. The *Office of Economic Adviser* has been using the arithmetic conversion method to link WPI series with different bases. Users are free to choose any other method as may be considered appropriate by them. The *Office of Economic Adviser* does not convert the indices at further disaggregate level, because the difference in the year to year price changes between the two series can be attributed to the differences in weights, difference in item basket, as well as price changes at the group/sub-group levels. The users are requested to satisfy themselves regarding the linking or conversion factor they calculate. The *Office of Economic Adviser* shall not check/correct/verify any conversion or converted index figures.

5.6 **Escalation Guide for Contracting Parties:**

Business firms in search of effective methods for coping with changes in prices often employ price adjustment (escalation) clauses in long-term sales and purchase contracts. The role of the *Office of Economic Adviser* is limited to compilation and to publication of WPI data. The *Office of Economic Adviser* does not encourage or discourage the use of price adjustment measures in purchase agreements, sales agreements and contracts. The *Office of Economic Adviser* does not directly or indirectly assist in writing contracts, nor does it provide advice regarding disputes arising from contract interpretation.

5.7 Regarding escalation clause, it may be stated that the *Office of Economic Adviser* is not a party to any escalation clause and as such cannot give direction for use of any particular item/sub-group/group/formula/linking factor etc. for application in any price variation formula. Users may decide for themselves the item/group of items in the new basket to be applied in a particular escalation clause depending on nature of item(s) used in construction/project work.

List of Commodities in the WPI Series 2011-12, their Weights and Number of Price Quotations

S. No.	COMMODITIES	Weights	No. of Quotations
	All commodities	100	8331
	I PRIMARY ARTICLES	22.61756	983
	(A). FOOD ARTICLES	15.25585	784
	a. FOOD GRAINS (CEREALS+PULSES)	3.46238	282
	a1. CEREALS	2.82378	191
1	Paddy	1.43052	78
2	Wheat	1.02823	40
3	Jowar	0.06764	17
4	Bajra	0.08637	17
5	Maize	0.18927	20
6	Barley	0.01437	7
7	Ragi	0.00738	12
	a2. PULSES	0.6386	91
8	Gram	0.26377	17
9	Arhar	0.12914	18
10	Moong	0.07088	11
11	Masur	0.05299	17
12	Urad	0.09165	15
13	Peas/Chawali	0.02444	10
14	Rajma	0.00573	3
	b. FRUITS & VEGETABLES	3.47508	314
	b1. VEGETABLES	1.87448	163
15	Potato	0.27737	21
16	Sweet Potato	0.02051	2
17	Onion	0.16445	25
18	Tapioca	0.07213	4
19	Ginger (Fresh)	0.02124	14
20	Peas (Green)	0.13654	9
21	Tomato	0.28446	17
22	Cauliflower	0.16697	9
23	Brinjal	0.24125	7

S. No.	COMMODITIES	Weights	No. of Quotations
24	Okra (Lady finger)	0.14592	7
25	Cabbage	0.12251	5
26	Carrot	0.01874	5
27	Radish	0.03942	4
28	Cucumber	0.00906	5
29	Pointed gourd	0.0021	3
30	Bitter gourd	0.02261	6
31	Bottle gourd	0.02323	5
32	Beans	0.08309	5
33	Pumpkin	0.00465	6
34	Drumstick	0.01823	4
	b2. FRUITS	1.6006	151
35	Banana	0.32937	16
36	Mango	0.46209	18
37	Apple	0.07505	12
38	Orange	0.12653	10
39	Cashew nut	0.06583	8
40	Coconut (Fresh)	0.07873	10
41	Papaya	0.06368	4
42	Grapes	0.04932	7
43	Pineapple	0.03089	11
44	Guava	0.0456	2
45	Litchi	0.02955	1
46	Lemon	0.06575	5
47	Sapota	0.02814	5
48	Mosambi (Sweet Orange)	0.02521	9
49	Pomengranate	0.02122	7
50	Amla	0.01837	5
51	Jackfruit	0.02458	6
52	Pear	0.01001	4
53	Almonds	0.02469	6
54	Walnut	0.02599	5
	c. MILK	4.43999	29
55	Milk	4.43999	29
	d. EGGS,MEAT & FISH	2.40156	64

S. No.	COMMODITIES	Weights	No. of Quotations
56	Egg	0.23264	16
57	Fish-Inland	0.525	10
58	Fish-Marine	0.42182	17
59	Mutton	0.44094	4
60	Beef and Buffalo Meat	0.16159	5
61	Poultry Chicken	0.55906	5
62	Pork	0.06051	7
	e. CONDIMENTS & SPICES	0.52885	70
63	Black Pepper	0.02098	12
64	Chillies (Dry)	0.14056	12
65	Turmeric	0.10015	10
66	Cardamom	0.01434	7
67	Ginger (Dry)	0.02098	4
68	Betelnut/Arecanut	0.08487	10
69	Cumin	0.06256	3
70	Garlic	0.05323	4
71	Coriander	0.02154	3
72	Tamarind	0.00964	5
	f. OTHER FOOD ARTICLES	0.94799	25
73	Tea	0.12359	7
74	Coffee	0.09879	6
75	Betel Leaves	0.14419	5
76	Sugarcane	0.58142	7
	(B). NON-FOOD ARTICLES	4.11894	146
	a. FIBRES	0.83931	27
77	Raw Cotton	0.66334	10
78	Raw Jute	0.05453	7
79	Mesta	0.00225	3
80	Raw Wool	0.02629	2
81	Raw Silk	0.07735	2
82	Coir Fibre	0.01555	3
	b. OIL SEEDS	1.1153	73
83	Groundnut Seed	0.26876	15
84	Rape & Mustard Seed	0.24914	12
85	Cotton Seed	0.01106	8

S. No.	COMMODITIES	Weights	No. of Quotations
86	Copra (Coconut)	0.0731	6
87	Gingelly Seed (Sesamum)	0.01201	5
88	Linseed	0.0064	5
89	Castor Seed	0.09763	5
90	Niger Seed	0.00234	2
91	Safflower (Kardi Seed)	0.00221	3
92	Sunflower	0.01659	6
93	Soyabean	0.37606	6
	c. OTHER NON-FOOD ARTICLES	1.96043	32
94	Hides (Raw)	0.03062	4
95	Skins (Raw)	0.0229	7
96	Tanning Materials	0.00418	2
97	Tobacco	0.09374	2
98	Gaur Seed	0.10347	4
99	Raw Rubber	0.28851	2
100	Industrial wood	0.88561	2
101	Fodder	0.5314	9
	d. FLORICULTURE	0.2039	14
102	Rose	0.14264	5
103	Jasmine	0.03063	4
104	Marigold	0.03063	5
	(C). MINERALS	0.83317	33
	a. METALLIC MINERALS	0.64818	23
105	Bauxite	0.00842	5
106	Chromite	0.02645	4
107	Zinc Concentrate	0.02752	1
108	Manganese Ore	0.03955	5
109	Iron Ore	0.20862	6
110	Copper Concentrate	0.33393	1
111	Lead Concentrate	0.00369	1
	b. OTHER MINERALS	0.18499	10
112	Phosphorite	0.11352	2
113	Limestone	0.06947	6
114	Garnet	0.00139	1
115	Sillimanite	0.00061	1

S. No.	COMMODITIES	Weights	No. of Quotations
	(D). CRUDE PETROLEUM & NATURAL GAS	2.4096	20
116	Crude Petroleum	1.94537	4
117	Natural Gas	0.46423	16
	II FUEL & POWER	13.1519	442
	(A). COAL	2.13813	127
	a. Coking Coal	0.64703	54
118	Coking Coal	0.64703	54
	b. Non-Coking Coal	1.40097	68
119	a.) Non-Coking Coal G1 to G6 [GCV exceeding 5500 Kcal/kg.]	0.4999	24
120	b.) Non-Coking Coal G7 to G14 [GCV 3100 Kcal/kg. to 5500 Kcal/kg.]	0.88904	24
121	c.) Non-Coking Coal G15 to G17 [GCV < 3100 Kcal/kg.]	0.01203	20
	c. Lignite	0.09013	5
122	Lignite	0.09013	5
	(B). MINERAL OILS	7.94968	266
123	LPG	0.64481	40
124	Petrol	1.6047	8
125	Kerosene	0.18685	3
126	ATF	0.31991	15
127	HSD	3.09548	14
128	Naphtha	0.86678	51
129	Bitumen	0.22677	60
130	Furnace Oil	0.66576	34
131	Lube Oils	0.29199	36
132	Petroleum Coke	0.04663	5
	(C). ELECTRICITY	3.06409	49
133	Electricity	3.06409	65
	III MANUFACTURED PRODUCTS	64.23054	6906
	(A). MANUFACTURE OF FOOD PRODUCTS	9.12173	1196
	a. Processing and preserving of meat	0.13405	23
134	Buffalo meat, fresh/frozen	0.07438	6
135	Meat of goat, fresh or chilled	0.02943	2
136	Other meats, preserved/processed	0.01934	8

S. No.	COMMODITIES	Weights	No. of Quotations
137	Chicken/duck, dressed - fresh/frozen	0.0109	7
	b. Processing and preserving of fish, crustaceans and molluscs and products thereof	0.20396	24
138	Shrimps/Prawns - Processed/Frozen	0.06329	9
139	Fish frozen/canned/processed	0.14067	15
	c. Processing and preserving of fruit and vegetables	0.13809	35
140	Fruit Juice including concentrates	0.04695	12
141	Fruit pulp	0.03326	5
142	Jams, jellies, marmalades and puree	0.02391	11
143	Sauces of Vegetables (Tomato, Chilli, Soya & others)	0.03397	7
	d. Manufacture of vegetable and animal oils and fats	2.64293	184
144	Vanaspati	0.37937	7
145	Mustard Oil	0.18053	22
146	Soyabean Oil	0.34251	18
147	Sunflower Oil	0.23133	15
148	Groundnut Oil	0.05834	23
149	Castor Oil	0.02955	11
150	Rice Bran Oil	0.29613	13
151	Palm Oil	1.01507	34
152	Rapeseed Oil	0.0116	4
153	Copra oil	0.02769	10
154	Cotton seed Oil	0.07081	27
	e. Manufacture of dairy products	1.16545	130
155	Condensed Milk	0.02154	12
156	Ghee	0.39349	37
157	Butter	0.52138	30
158	Ice cream	0.06189	24
159	Powder Milk	0.16715	27
	f. Manufacture of grain mill products	2.00952	290
160	Maida	0.19044	65
161	Wheat flour (Atta)	0.21121	49
162	Wheat Bran	0.0397	56
163	Sooji (rawa)	0.02473	40
164	Flour of cereals other than rice, wheat etc.	0.00742	4
165	Gram powder (besan)	0.0959	11

S. No.	COMMODITIES	Weights	No. of Quotations
166	Rice, Non-basmati	0.94347	38
167	Basmati rice	0.4264	6
168	Rice products	0.07025	21
	g. Manufacture of starches and starch products	0.10955	20
169	Vegetable starch	0.10955	20
	h. Manufacture of bakery products	0.21459	63
170	Biscuit, cookies	0.15875	25
171	Bread, buns & croissant	0.035	26
172	Cakes, pastries & muffins	0.02084	12
	i. Manufacture of sugar, molasses & honey	1.16275	175
173	Sugar	1.05553	57
174	Molasses	0.04486	64
175	Bagasse	0.0276	36
176	Gur	0.02354	13
177	Honey	0.01122	5
	j. Manufacture of cocoa, chocolate and sugar confectionery	0.17501	29
178	Chocolate & cocoa powder	0.09685	11
179	Sugar confectionary	0.07816	18
	k. Manufacture of macaroni, noodles, couscous and similar farinaceous products	0.0264	4
180	Noodles & similar extruded products	0.0264	4
	l. Manufacture of Tea & Coffee products	0.37083	38
181	Processed Tea	0.33175	27
182	Instant Coffee	0.03292	8
183	Coffee powder with chicory	0.00616	3
	m. Manufacture of Processed condiments & salt	0.16302	36
184	Spices (including mixed spices)	0.1361	15
185	Salt	0.02692	21
	n. Manufacture of processed ready to eat food	0.02428	27
186	Instant Food/Prepared meals based on vegetables	0.02428	27
	o. Manufacture of Health supplements	0.225	11
187	Corn Flake	0.18477	8
188	Whey powder	0.04023	3
	p. Manufacture of prepared animal feeds	0.3563	107

S. No.	COMMODITIES	Weights	No. of Quotations
189	Gola & similar Cattle Feed	0.21073	39
190	Rice Bran Extract	0.03918	9
191	Soya preparations excluding oil	0.01012	11
192	Cotton seed oil cake	0.06115	27
193	Mustard oil cake	0.03512	21
	(B). MANUFACTURE OF BEVERAGES	0.90907	181
	a. Manufacture of wines & spirits	0.40833	77
194	Spirits	0.23997	23
195	Wine	0.09479	10
196	Rectified spirit	0.07357	44
	b. Manufacture of malt liquors and malt	0.22526	48
197	Beer	0.16276	28
198	Country liquor	0.0625	20
	c. Manufacture of soft drinks; production of mineral waters and other bottled waters	0.27548	56
199	Aerated drinks/soft drinks (incl. soft drink concentrates)	0.25793	33
200	Bottled Mineral water	0.01755	23
	(C). MANUFACTURE OF TOBACCO PRODUCTS	0.51357	51
	a. Manufacture of tobacco products	0.51357	51
201	Cigarette	0.16619	11
202	Biri	0.11183	25
203	Other tobacco products	0.23555	15
	(D). MANUFACTURE OF TEXTILES	4.88068	433
	a. Preparation and spinning of textile fibres	2.58154	112
204	Cotton Yarn	1.34192	44
205	Synthetic yarn	0.53794	28
206	Viscose yarn	0.09019	9
207	Woollen yarn	0.10192	13
208	Texturised and twisted Yarn	0.50957	18
	b. Weaving & Finishing of textiles	1.50903	179
209	Cotton woven cloth	0.00942	20
210	Woollen woven cloth	0.04506	9
211	Synthetic Fabric – Others	0.05493	42

S. No.	COMMODITIES	Weights	No. of Quotations
212	Cotton cloth (dyed, printed, or otherwise finished/processed)	0.94619	27
213	Fabric, polyethylene	0.05304	26
214	Fabrics/cloth, rayon	0.08362	5
215	Jute sacking cloth/Gunny and hessian cloth	0.31677	50
	c. Manufacture of knitted and crocheted fabrics	0.19296	29
216	Knitted fabrics of cotton	0.17714	20
217	Cotton hosiery cloth	0.01582	9
	d. Manufacture of made-up textile articles, except apparel	0.2985	64
218	Bed linen/Bed Spread	0.05655	13
219	Blankets	0.00895	8
220	Quilts	0.009	2
221	Cotton Dyed/printed textile	0.049	19
222	Cotton Towel	0.09734	6
223	Terry Towel	0.05824	12
224	Curtains	0.01942	4
	e. Manufacture of cordage, rope, twine and netting	0.09776	26
225	Nylon rope	0.00911	10
226	Cordage/ropes/twines of jute and coir	0.08865	16
	f. Manufacture of other textiles	0.20089	23
227	Tyre cord fabric	0.07297	6
228	Carpets and other floor coverings of textiles	0.12792	17
	(E). MANUFACTURE OF WEARING APPAREL	0.81414	113
	a. Manufacture of wearing apparel (woven), except fur apparel	0.59324	66
229	Shirts/half shirts of cotton and/or man-made fibre	0.35583	13
230	Trouser/pants made of cotton and/or man-made fibre	0.01377	27
231	Men/Boys suits, coats and jackets	0.12904	11
232	Leather garments incl. Jackets	0.0946	15
	b. Manufacture of knitted and crocheted apparel	0.2209	47
233	Cardigans and pullovers, knitted	0.03253	12
234	Shawls and scarves, knitted	0.06085	9
235	Babies garments, knitted	0.08874	7

S. No.	COMMODITIES	Weights	No. of Quotations
236	Hosiery goods, others– cotton	0.03878	19
	(F). MANUFACTURE OF LEATHER AND RELATED PRODUCTS	0.5354	143
	a. Tanning and dressing of leather; dressing and dyeing of fur	0.14215	27
237	Vegetable Tanned Leather	0.00002	8
238	Chrome Tanned Leather	0.14213	19
	b. Manufacture of luggage, handbags, saddlery and harness	0.0754	39
239	Travel goods, handbags, office bags, etc.	0.03798	22
240	Belt & Other Articles of Leather	0.01909	5
241	Harness, Saddles & Other related Items	0.00831	5
242	Gloves of leather	0.01002	7
	c. Manufacture of footwear	0.31785	77
243	Leather Shoe	0.20737	32
244	Athletic/sport shoes	0.01651	8
245	Canvas shoes	0.01281	7
246	Plastic/PVC Chappals	0.06382	18
247	Waterproof footwear	0.01734	12
	(G). MANUFACTURE OF WOOD AND OF PRODUCTS OF WOOD AND CORK	0.77181	139
	a. Saw milling and planing of wood	0.12417	48
248	Timber/wooden plank, sawn/resawn	0.05444	13
249	Wood cutting, processed/sized	0.05037	19
250	Wooden splint	0.01936	16
	b. Manufacture of veneer sheets; manufacture of plywood, laminboard, particle board and other panels and boards	0.4933	69
251	Plywood block boards	0.19458	37
252	Particle Boards	0.11558	13
253	Lamination wooden sheets/Veneer sheets	0.18314	19
	c. Manufacture of builders' carpentry and joinery	0.03558	6
254	Wooden panel	0.02696	3
255	Wooden board (non-electrical)	0.00862	3
	d. Manufacture of wooden containers	0.11876	16
256	Wooden block - compressed or not	0.00965	5

S. No.	COMMODITIES	Weights	No. of Quotations
257	Wooden box/crate	0.10911	11
	(H). MANUFACTURE OF PAPER AND PAPER PRODUCTS	1.11322	218
	a. Manufacture of pulp, paper and paperboard	0.49296	146
258	Newsprint	0.07923	35
259	Paper for printing & writing	0.19261	23
260	Paper bag including craft paper bag	0.00123	1
261	Base paper	0.01093	8
262	Kraft paper	0.0822	23
263	Laminated Paper	0.0282	15
264	Card board	0.031	4
265	Tissue paper	0.02255	2
266	Press board	0.003	2
267	Hard board	0.00062	6
268	Bristle paper board	0.03288	11
269	Poster paper	0.00604	12
270	Pulp board	0.00247	4
	b. Manufacture of corrugated paper and paperboard and containers of paper and paperboard	0.31422	52
271	Corrugated sheet box	0.19469	15
272	Corrugated paper board	0.01591	9
273	Card board box	0.02722	6
274	Paper carton/box	0.0764	22
	c. Manufacture of other articles of paper and paperboard	0.30604	20
275	Duplex paper	0.18002	3
276	Map litho paper	0.09799	12
277	Laminated plastic sheet	0.02803	5
	(I). PRINTING AND REPRODUCTION OF RECORDED MEDIA	0.67622	97
	a. Printing	0.67622	97
278	Newspaper	0.03031	35
279	Journal/periodical	0.21333	12
280	Printed labels/posters/calendars	0.09471	16
281	Printed form & schedule	0.01659	9
282	Printed Books	0.29985	14

S. No.	COMMODITIES	Weights	No. of Quotations
283	Hologram (3D)	0.00297	3
284	Sticker plastic	0.01846	8
	(J). MANUFACTURE OF CHEMICALS AND CHEMICAL PRODUCTS	6.46505	1015
	a. Manufacture of basic chemicals	1.4333	344
285	Fatty acid	0.02257	20
286	Organic Solvent	0.00015	13
287	Dye stuff/dyes incl. dye intermediates and pigments/colours	0.22821	57
288	Acetic acid and Its Derivatives	0.02452	15
289	Aromatic chemicals	0.03278	12
290	Caustic soda (sodium hydroxide)	0.08237	23
291	Soda ash/washing soda	0.06255	12
292	Carbon Black	0.10555	7
293	Ethyl acetate	0.03246	17
294	Mono Ethyl Glycol	0.04397	4
295	Alkyl Benzene	0.07318	7
296	Ethylene Oxide	0.01294	3
297	Other Petrochemical Intermediates	0.00684	4
298	Menthol	0.02162	5
299	Camphor	0.00751	4
300	Amine	0.05566	4
301	Aniline (including pna, ona, ocpna)	0.03068	4
302	Nitric Acid	0.02048	9
303	Sulphuric Acid	0.03029	23
304	Phosphoric acid	0.02073	4
305	Liquid air & other gaseous products	0.0445	31
306	Alcohols	0.12767	21
307	Other Inorganic Chemicals	0.28422	17
308	Phthalic anhydride	0.0191	2
309	Ammonium nitrate	0.01281	9
310	Catalysts	0.01697	7
311	Sodium Silicate	0.01297	10
	b. Manufacture of fertilizers and nitrogen compounds	1.48497	112
312	Urea	0.72685	16

S. No.	COMMODITIES	Weights	No. of Quotations
313	Di ammonium phosphate	0.07425	10
314	Ammonium sulphate	0.0342	7
315	Nitrogenous fertilizer, others	0.00427	8
316	Mixed fertilizer	0.45476	24
317	Ammonium phosphate	0.04093	8
318	Ammonia gas	0.04383	4
319	Ammonia liquid	0.02116	7
320	Superphospate/Phosphatic fertilizer, others	0.08472	28
	c. Manufacture of plastic and synthetic rubber in primary form	1.00082	54
321	Poly Propylene (PP)	0.19433	3
322	Poly Vinyl Chloride (PVC)	0.08347	12
323	Polyethylene	0.51618	14
324	Polystyrene, expandable	0.02619	9
325	Oleoresin	0.07154	10
326	XLPE Compound	0.10911	6
	d. Manufacture of pesticides and other agrochemical products	0.45369	50
327	Insecticide and Pesticide	0.38578	26
328	Agro chemical formulation	0.06434	22
329	Fungicide, liquid	0.00357	2
	e. Manufacture of paints, varnishes and similar coatings, printing ink and mastics	0.49145	65
330	Paint	0.38664	30
331	Varnish (all types)	0.01733	11
332	Powder coating material	0.01208	10
333	Printing ink	0.0754	14
	f. Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	0.61219	170
334	Toilet soap	0.07605	29
335	Detergent cake, washing soap cake/bar/powder	0.30512	41
336	Organic surface active agent	0.01834	7
337	Tooth paste/Tooth Powder	0.02704	13
338	Agarbatti	0.02364	18
339	Perfume/scent	0.10008	13

S. No.	COMMODITIES	Weights	No. of Quotations
340	Creams & Lotions for External Application	0.02734	8
341	Face/Body Powder	0.00413	6
342	Hair oil/Body Oil	0.0089	21
343	Shampoo	0.01534	10
344	Mosquito coil	0.00621	4
	g. Manufacture of other chemical products	0.69227	182
345	Safety matches (match box)	0.06202	23
346	Plasticizer	0.00818	3
347	Polyester film(metalized)	0.08695	14
348	Adhesive excluding gum	0.12705	22
349	Adhesive tape (non-medicinal)	0.02592	25
350	Gelatine	0.02008	9
351	Hydrogen peroxide	0.03517	5
352	Epoxy, liquid	0.09037	5
353	Additive	0.08986	11
354	Foundry chemical	0.00808	6
355	Explosive	0.08728	32
356	Rubber Chemicals	0.00748	6
357	Organic chemicals	0.04383	21
	h. Manufacture of man-made fibres	0.29636	38
358	Polyester chips or Polyethylene terephthalate (PET) chips	0.14608	7
359	Acrylic fibre	0.04353	7
360	Viscose staple fibre	0.01984	5
361	Polyester fibre fabric	0.08691	19
	(K). MANUFACTURE OF PHARMACEUTICALS, MEDICINAL CHEMICAL AND BOTANICAL PRODUCTS	1.99345	166
	a. Manufacture of pharmaceuticals, medicinal chemical and botanical products	1.99345	166
362	Anti inflammatory preparation	0.00306	1
363	Anti cancer drugs	0.08012	2
364	Antipyretic, analgesic, anti-inflammatory formulations	0.00358	4
365	Vials/ampoule, glass, empty or filled	0.0263	10
366	Anti-retroviral drugs for HIV treatment	0.01316	4

S. No.	COMMODITIES	Weights	No. of Quotations
367	Antidiabetic drug excluding insulin (i.e. tolbutam)	0.11682	3
368	API & formulations of vitamins	0.70266	16
369	Vaccine for hepatitis B	0.00037	6
370	Ayurvedic medicaments	0.06506	32
371	Simvastatin	0.0523	4
372	Digestive enzymes and antacids	0.03613	7
373	Vaccine for polio	0.01289	4
374	Antibiotics & preparations thereof	0.23061	24
375	Sulpha drugs	0.03627	3
376	Anti allergic drugs	0.00959	4
377	Antioxidants	0.02243	3
378	Antiseptics and disinfectants	0.0146	3
379	Cotton wool (medicinal)	0.00652	5
380	Plastic capsules	0.07553	8
381	Steroids and hormonal preparations (including anti-fungal preparations)	0.01615	4
382	Anti-malarial drugs	0.06041	5
383	IV fluids	0.01785	5
384	Medical accessories	0.39104	9
	(L). MANUFACTURE OF RUBBER AND PLASTICS PRODUCTS	2.29851	448
	a. Manufacture of rubber tyres and tubes; retreading and rebuilding of rubber tyres	0.60897	126
385	Motor Car Tyre	0.20706	21
386	Tractor Tyre	0.03327	16
387	2/3 wheeler Tyre	0.0403	7
388	Medium & heavy commercial vehicle tyre	0.12918	15
389	Solid Rubber Tyres/Wheels	0.00473	10
390	Rubberized dipped fabric	0.00203	4
391	Motor Car Tube	0.01126	10
392	Rubber cloth/sheet	0.01224	7
393	2/3 wheeler rubber tube	0.01601	18
394	Medium & heavy commercial vehicle tube	0.12918	2
395	Cycle/Cycle rickshaw tyre	0.02371	16
	b. Manufacture of other rubber products	0.27178	96

S. No.	COMMODITIES	Weights	No. of Quotations
396	V belt	0.01101	7
397	Rubber moulded goods	0.03434	15
398	Processed rubber	0.01724	18
399	Rubber components & parts	0.01732	9
400	Conveyer belt (fibre based)	0.04791	9
401	Elastic webbing	0.00914	10
402	Condoms	0.0131	9
403	Rubber Crumb	0.05232	9
404	Rubber Tread	0.01864	7
405	Rubber tubes- not for tyres	0.05076	3
	c. Manufacture of plastics products	1.41776	226
406	PVC fittings & other accessories	0.1621	11
407	Polyester film (non-metalized)	0.01969	13
408	Polypropylene film	0.05098	12
409	Plastic film	0.24113	12
410	Polythene film	0.04306	14
411	Plastic furniture	0.0468	8
412	Plastic bag	0.01975	37
413	Plastic bottle	0.06262	17
414	Thermocol	0.06841	9
415	Plastic box/container	0.31065	10
416	Plastic tube (flexible/non-flexible)	0.07563	16
417	Plastic tape	0.01448	6
418	Plastic components	0.20335	13
419	Plastic tank	0.03701	17
420	Acrylic/plastic sheet	0.01563	15
421	Tooth brush	0.03926	11
422	Plastic button	0.00721	5
	(M). MANUFACTURE OF OTHER NON-METALLIC MINERAL PRODUCTS	3.20176	382
	a. Manufacture of glass and glass products	0.29504	57
423	Ordinary sheet glass	0.00555	5
424	Toughened glass	0.02939	8
425	Fibre glass incl. sheet	0.03063	9
426	Glass bottle	0.1985	15

S. No.	COMMODITIES	Weights	No. of Quotations
427	Ophthalmic lens	0.03097	20
	b. Manufacture of refractory products	0.22322	28
428	Non ceramic tiles	0.0076	17
429	Ceramic tiles (Vitrified tiles)	0.17903	4
430	Plain bricks	0.03659	7
	c. Manufacture of clay building materials	0.12113	4
431	Porcelain sanitary ware	0.12113	4
	d. Manufacture of other porcelain and ceramic products	0.22247	25
432	Porcelain crockery	0.02145	21
433	Electric insulating material	0.20102	4
	e. Manufacture of cement, lime and plaster	1.6448	130
434	Lime and calcium carbonate	0.02789	26
435	Clinker	0.31582	12
436	Ordinary Portland cement	0.85277	28
437	slag cement	0.0983	14
438	Pozzolana cement	0.09194	37
439	White cement	0.18047	5
440	Cement superfine	0.07761	8
	f. Manufacture of articles of concrete, cement and plaster	0.29248	96
441	Asbestos corrugated sheet	0.12181	42
442	Marble Slab	0.09603	19
443	Railway sleeper	0.0049	12
444	Cement blocks (concrete)	0.04345	7
445	Poles & posts of concrete	0.02629	16
	g. Cutting, shaping and finishing of stone	0.23351	38
446	Granite	0.15735	18
447	Stone, chip	0.07616	20
	h. Manufacture of other non-metallic mineral products	0.16911	4
448	Graphite rod	0.16911	4
	(N). MANUFACTURE OF BASIC METALS	9.64632	525
	a. Inputs into steel making	1.41103	68
449	Sponge Iron/Direct Reduced Iron (DRI)	1.00352	8
450	Ferrochrome	0.11195	14

S. No.	COMMODITIES	Weights	No. of Quotations
451	Ferromanganese	0.02589	12
452	Ferrosilicon	0.02314	11
453	Silicomanganese	0.21885	17
454	Other ferro alloys	0.02768	6
	b. Metallic iron	0.65301	10
455	Pig Iron	0.65301	10
	c. Mild Steel - Semi Finished Steel	1.27356	40
456	Mild Steel (MS) Blooms	0.64842	24
457	MS Slabs	0.58341	3
458	MS Pencil Ingots	0.04173	13
	d. Mild Steel -Long Products	1.08063	63
459	MS Wire Rods	0.37842	22
460	MS Bright Bars	0.55727	17
461	Rails	0.13227	3
462	Angles, Channels, Sections, steel (coated/not)	0.01267	21
	e. Mild Steel - Flat products	1.14442	75
463	Hot Rolled (HR) Coils & Sheets, including Narrow Strip	0.88361	26
464	Cold Rolled (CR) Coils & Sheets, including Narrow Strip	0.09307	23
465	GP/GC sheet	0.1126	21
466	Steel cables	0.05514	5
	f. Alloy steel other than Stainless Steel- Shapes	0.06671	8
467	Alloy steel Wire rods	0.06671	8
	g. Stainless Steel - Semi Finished	0.92396	20
468	Stainless Steel bars & rods, including flats	0.48307	13
469	Stainless Steel Pencil Ingots/Billets/Slabs	0.41164	1
470	Stainless Steel Coils, Strips & Sheets	0.02925	6
	h. Pipes & tubes	0.20534	26
471	Galvanized iron pipes	0.00075	9
472	Stainless steel tubes	0.20459	17
	i. Manufacture of non-ferrous metals incl. precious metals	1.69264	132
473	Copper metal/Copper Rings	0.11676	10
474	Zinc metal/zinc blocks	0.02265	9

S. No.	COMMODITIES	Weights	No. of Quotations
475	Aluminium metal	0.00188	6
476	Aluminium powder	0.09148	8
477	Lead ingots, bars, blocks, plates	0.01906	9
478	Copper shapes - bars/rods/plates/strips	0.62858	14
479	Aluminium alloys	0.06796	10
480	Aluminium Disk and Circles	0.03952	7
481	Aluminium Foil	0.07863	13
482	Aluminium shapes - bars/rods/flats	0.21326	22
483	Brass metal/sheet/coils	0.01026	10
484	Aluminium ingot	0.4026	14
	j. Castings	0.92451	79
485	Cast iron, castings	0.0555	55
486	MS castings	0.78655	11
487	Alloy steel castings	0.02077	8
488	Aluminium castings	0.06169	5
	k. Forgings of steel	0.27051	4
489	Steel forgings - rough	0.27051	4
	(O). MANUFACTURE OF FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT	3.15498	215
	a. Manufacture of structural metal products	1.03144	65
490	Steel pipes, tubes & poles	0.28647	29
491	Mild steel (MS) flats & sheets	0.14193	1
492	Metal cutting tools & accessories	0.00124	8
493	Jigs & Fixture	0.00541	9
494	Steel structures	0.59281	12
495	Bracket	0.00358	6
	b. Manufacture of tanks, reservoirs and containers of metal	0.65951	21
496	Cylinders	0.56456	9
497	Steel Container	0.07075	8
498	Stainless steel tank	0.0242	4
	c. Manufacture of steam generators, except central heating hot water boilers	0.14462	7
499	Boilers	0.1225	6
500	Auxiliary plant for use with boilers	0.02212	1

S. No.	COMMODITIES	Weights	No. of Quotations
	d. Forging, pressing, stamping and roll-forming of metal; powder metallurgy	0.38342	14
501	Electrical stamping- Laminated or otherwise	0.17896	4
502	Forged Steel Rings	0.20446	10
	e. Manufacture of cutlery, hand tools and general hardware	0.20758	28
503	Stainless steel utensils	0.08546	8
504	Stainless steel razor	0.11854	3
505	Iron/steel hinges	0.003	2
506	Copper bolts, screws, nuts	0.00012	9
507	Lock/padlock	0.00046	6
	f. Manufacture of other fabricated metal products	0.72841	80
508	Bolts, screws, nuts & nails of Iron & steel	0.18662	9
509	Hand tools	0.27659	6
510	Iron/steel cap	0.01294	3
511	Aluminium utensils	0.02264	10
512	Sanitary fittings of Iron & Steel	0.06251	2
513	Steel door	0.0085	12
514	Hose pipes in set or otherwise	0.09066	16
515	Pressure cooker	0.04521	15
516	Steel drums and barrels	0.02274	7
	(P). MANUFACTURE OF COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS	2.00875	105
	a. Manufacture of electronic components	0.40241	37
517	Capacitors	0.20041	16
518	UPS in Solid State Drives	0.12825	5
519	Electronic Printed Circuit Board (PCB)/micro circuit	0.07375	16
	b. Manufacture of computers and peripheral equipment	0.33637	9
520	Personal Computer (P.C.)	0.10995	2
521	Laptops	0.19068	1
522	Computer peripherals	0.03574	6
	c. Manufacture of communication equipment	0.30998	7
523	Telephone sets including mobile hand sets	0.30578	5
524	Modems	0.0042	2
	d. Manufacture of consumer electronics	0.64095	24

S. No.	COMMODITIES	Weights	No. of Quotations
525	Colour TV	0.43702	6
526	Air conditioner	0.20393	18
	e. Manufacture of measuring, testing, navigating and control equipment	0.18056	6
527	Meter (non-electrical)	0.18056	6
	f. Manufacture of watches and clocks	0.07551	10
528	Watch	0.06734	6
529	Scientific time keeping device	0.00304	2
530	Clock	0.00513	2
	g. Manufacture of irradiation, electromedical and electrotherapeutic equipment	0.05546	7
531	Electro-diagnostic apparatus, used in medical, surgical, dental or veterinary sciences	0.04848	3
532	X-ray equipment	0.00698	4
	h. Manufacture of optical instruments and photographic equipment	0.00751	5
533	Microscope	0.0045	2
534	Sunglasses	0.00301	3
	(Q). MANUFACTURE OF ELECTRICAL EQUIPMENT	2.9297	468
	a. Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	1.29789	154
535	Generators & Alternators	0.3902	15
536	Cooling tower	0.00949	2
537	Rotor/magneto rotor assembly	0.0068	3
538	Transformer	0.55072	11
539	A C Motor	0.02218	19
540	Electric & other meters	0.04345	15
541	Electric switch gear control/starter	0.02069	34
542	Meter Panel	0.05246	9
543	Amplifier	0.0011	4
544	Electrical relay/conductor	0.1027	11
545	Safety fuse	0.00525	6
546	Multimeter	0.00014	2
547	Generator parts	0.08079	8

S. No.	COMMODITIES	Weights	No. of Quotations
548	Electrical resistors (except heating resistors)	0.00732	11
549	Solenoid valve	0.0046	4
	b. Manufacture of batteries and accumulators	0.23573	39
550	Dry cells such as torch light batteries	0.04299	8
551	Lead acid batteries for vehicles & other uses	0.00039	9
552	Electric accumulators	0.00207	3
553	Batteries	0.19028	19
	c. Manufacture of fibre optic cables for data transmission or live transmission of images	0.13327	14
554	Fibre Optic Cables	0.13327	14
	d. Manufacture of other electronic and electric wires and cables	0.42798	106
555	PVC Insulated Cable	0.08292	20
556	Jelly Filled Cables	0.00366	7
557	Electric Wires & Cables	0.02157	5
558	ACSR Conductors	0.04741	12
559	Aluminium/Alloy Conductor	0.02667	9
560	Aluminium wire	0.01353	11
561	Copper wire	0.07782	14
562	Rubber Insulated Cables	0.01964	4
563	Insulating & flexible wire	0.08644	14
564	Connector/plug/socket/holder-electric	0.04832	10
	e. Manufacture of wiring devices, electric lighting & display equipment	0.26294	50
565	Electric switch	0.17381	7
566	Light fitting accessories	0.03113	8
567	Flourescent tube	0.03823	12
568	Incandescent Lamps	0.0016	11
569	Electric filament type lamps	0.01471	11
570	Electrical ballast & chokes	0.00346	1
	f. Manufacture of domestic appliances	0.366	74
571	Refrigerators	0.13502	11
572	Electric Mixers/Grinders/Food Processors	0.04313	12
573	Air Coolers	0.00697	3
574	Geyser	0.00269	2

S. No.	COMMODITIES	Weights	No. of Quotations
575	Fan	0.0508	24
576	Domestic gas stove	0.00949	6
577	Washing Machines/Laundry Machines	0.0737	11
578	Microwave oven	0.00206	2
579	Electric heaters	0.04214	3
	g. Manufacture of other electrical equipment	0.20589	31
580	Electric welding machine	0.06077	10
581	Motors & other DC equipment	0.03353	5
582	Insulator	0.11159	16
	(R). MANUFACTURE OF MACHINERY AND EQUIPMENT	4.78899	516
	a. Manufacture of engines and turbines, except aircraft, vehicle and two wheeler engines	0.6384	34
583	Steam Turbines	0.02536	2
584	Industrial valve	0.61304	32
	b. Manufacture of fluid power equipment	0.16151	41
585	Injection pump	0.04418	13
586	Hydraulic pump	0.00026	14
587	Pneumatic tools	0.04017	3
588	Water pump	0.0769	11
	c. Manufacture of other pumps, compressors, taps and valves	0.55183	63
589	Centrifugal Pumps	0.02796	27
590	Pump sets without motor	0.25362	10
591	Air or vacuum pump	0.17456	7
592	Air gas compressor including compressor for refrigerator	0.05445	9
593	Gasket kit	0.04124	10
	d. Manufacture of bearings, gears, gearing and driving elements	0.34015	45
594	Roller and ball bearings	0.28071	22
595	Motor Starter	0.04757	9
596	Clutches and shaft couplings	0.01187	14
	e. Manufacture of ovens, furnaces and furnace burners	0.00837	8
597	Furnaces & Ovens	0.00837	8

S. No.	COMMODITIES	Weights	No. of Quotations
	f. Manufacture of lifting and handling equipment	0.28509	38
598	Cranes	0.0762	4
599	Material handling, lifting and hoisting equipment	0.04086	16
600	Hydraulic equipment	0.16803	18
	g. Manufacture of office machinery and equipment	0.00582	1
601	Reprographic machine and scanners	0.00582	1
	h. Manufacture of other general-purpose machinery	0.43675	38
602	Chillers	0.00436	4
603	Air filters	0.25613	5
604	Air conditioning plant	0.00015	4
605	Filtration equipment	0.13412	6
606	Conveyors - non-roller type	0.00093	5
607	Oil pump	0.002	6
608	Deep freezers	0.01599	2
609	Water purifier	0.02307	6
	i. Manufacture of agricultural and forestry machinery	0.83265	52
610	Agricultural tractors	0.52772	16
611	Harvesters	0.00364	9
612	Agriculture implements	0.26218	14
613	Threshers	0.00071	9
614	Soil preparation & cultivation machinery (other than tractors)	0.0384	4
	j. Manufacture of metal-forming machinery and machine tools	0.22363	25
615	Drilling Machine	0.06894	6
616	Grinding or polishing machine	0.02477	9
617	Lathes	0.01044	7
618	Precision machinery equipment/Form tools	0.11948	3
	k. Manufacture of machinery for mining, quarrying and construction	0.37079	59
619	Excavator	0.06463	6
620	Dumper	0.06785	3
621	Road roller	0.00995	3
622	Loader	0.00379	4
623	Mining, quarrying & metallurgical machinery/parts	0.02454	24

S. No.	COMMODITIES	Weights	No. of Quotations
624	Mixing machine	0.00216	6
625	Concrete vibrator & mixture	0.01692	11
626	Earth moving machinery	0.18095	2
	l. Manufacture of machinery for food, beverage and tobacco processing	0.22793	22
627	Rice mill machinery	0.03071	8
628	Pressure vessel and tank for fermentation & other food processing	0.05469	2
629	Machinery used in the milling industry	0.02217	2
630	Separator	0.00246	6
631	Sugar Machinery	0.1179	4
	m. Manufacture of machinery for textile, apparel and leather production	0.19214	22
632	Open end spinning machinery	0.13728	4
633	Sewing Machines	0.01112	9
634	Roller mill (Raymond)	0.0019	2
635	Printing machinery	0.04184	7
	n. Manufacture of other special-purpose machinery	0.46834	56
636	Machinery for plastic products - extruded	0.08373	11
637	Moulding Machine	0.09108	8
638	Chemical equipment & system	0.00731	7
639	Pharmaceutical Machinery	0.19273	15
640	Packing machine	0.01276	5
641	Evaporator	0.08073	10
	o. Manufacture of renewable electricity generating equipment	0.04559	12
642	Solar power system (solar panel & attachable equipment)	0.02582	7
643	Windmill turbines (2500KW)	0.01977	5
	(S). MANUFACTURE OF MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS	4.96853	264
	a. Manufacture of motor vehicles	2.60026	49
644	Light, medium & heavy commercial vehicles	0.69584	5
645	Minibus/bus	0.79295	14
646	Passenger vehicles	0.86336	7

S. No.	COMMODITIES	Weights	No. of Quotations
647	Chassis of different vehicle types	0.15893	14
648	Body (for commercial motor vehicles)	0.08918	9
	b. Manufacture of parts and accessories for motor vehicles	2.36827	215
649	Engine	0.83798	12
650	Wheels/Wheels & parts	0.14275	19
651	Shock absorbers	0.10028	3
652	Shafts of all kinds	0.07112	12
653	Axles of motor vehicles	0.12553	11
654	Radiators & coolers	0.06161	5
655	Piston ring/Piston and Compressor	0.05103	20
656	Crankshaft	0.02807	6
657	Silencer and Damper	0.07898	9
658	Brake pad/brake liner/brake block/Brake rubber, others	0.10145	9
659	Head lamp	0.03681	13
660	Gear box and parts	0.31546	51
661	Steering gear control system	0.08627	9
662	Cylinder liners	0.08823	10
663	Chain	0.0219	8
664	Release valve	0.00101	4
665	Filter element	0.0503	8
666	Seat for motor vehicles	0.15245	2
667	Ignition device	0.01704	4
	(T). MANUFACTURE OF OTHER TRANSPORT EQUIPMENT	1.64777	64
	a. Building of ships and floating structures	0.11734	7
668	Fishing vessels, trawlers	0.1134	1
669	Propellers & Blades of Boats/Ships	0.00394	6
	b. Manufacture of railway locomotives and rolling stock	0.10979	16
670	Wagons	0.06331	7
671	EMU coaches	0.02715	3
672	Diesel/Electric locomotive	0.01891	1
673	Railway brake gear	0.00042	5
	c. Manufacture of motor cycles	1.30205	19

S. No.	COMMODITIES	Weights	No. of Quotations
674	Motor cycles	1.1661	7
675	Scooters	0.12322	8
676	Auto rickshaw/Tempo/Matador/Three wheelers	0.01273	4
	d. Manufacture of bicycles and invalid carriages	0.117	11
677	Bicycles of all types	0.117	11
	e. Manufacture of other transport equipment	0.00159	11
678	Tanker	0.00159	11
	(U). MANUFACTURE OF FURNITURE	0.72672	87
	a. Manufacture of furniture	0.72672	87
679	Wooden furniture	0.18979	27
680	Plastic fixtures	0.09781	7
681	Steel shutter gate	0.0684	10
682	Iron/Steel Furniture	0.26311	36
683	Hospital furniture	0.00087	4
684	Foam and rubber mattress	0.10674	3
	(V). OTHER MANUFACTURING	1.06417	80
	a. Manufacture of jewellery and related articles	0.99638	9
685	Gold & gold ornaments	0.96561	7
686	Silver	0.03077	2
	b. Manufacture of musical instruments	0.00124	4
687	Stringed musical instruments (incl. Santoor, Guitars, etc.)	0.00124	4
	c. Manufacture of sports goods	0.01238	33
688	Sports goods of rubber (incl. balls)	0.00367	6
689	Cricket ball	0.00023	6
690	Cricket Bat	0.00206	7
691	Football	0.00562	10
692	Table Tennis Table	0.0008	4
	d. Manufacture of games and toys	0.00476	29
693	Playing Cards	0.00207	4
694	Carrom board	0.00045	5
695	Plastic moulded-others toys	0.0021	16
696	Non Mechanical Toys	0.00014	4
	e. Manufacture of medical and dental instruments and supplies	0.04941	5

S. No.	COMMODITIES	Weights	No. of Quotations
697	Intraocular Lens	0.04941	5

**List of Common Items between the WPI Series (20011-12=100) and WPI Series
(2004-05=100)**

S. No.	NAME OF COMMODITY	Weights (2011-12)	Weights (2004-05)
	All commodities	100.00000	100.00000
	I PRIMARY ARTICLES	22.61756	20.11815
	(A). FOOD ARTICLES	15.25585	14.33709
	a. FOOD GRAINS (CEREALS+PULSES)	3.46238	4.08982
	a1. CEREALS	2.82378	3.37323
1	Paddy	1.43052	1.79348
2	Wheat	1.02823	1.11595
3	Jowar	0.06764	0.09572
4	Bajra	0.08637	0.11522
5	Maize	0.18927	0.21727
6	Barley	0.01437	0.01671
7	Ragi	0.00738	0.01885
	a2. PULSES	0.63860	0.71662
8	Gram	0.26377	0.33490
9	Arhar	0.12914	0.13740
10	Moong	0.07088	0.08429
11	Masur	0.05299	0.05764
12	Urad	0.09165	0.10239
	b. FRUITS & VEGETABLES	3.47508	3.84270
	b1. VEGETABLES	1.87448	1.73553
13	Potato	0.27737	0.20150
14	Sweet Potato	0.02051	0.01750
15	Onion	0.16445	0.17794
16	Tapioca	0.07213	0.06781
17	Ginger (Fresh)	0.02124	0.04514
18	Peas (Green)	0.13654	0.10999
19	Tomato	0.28446	0.26738
20	Cauliflower	0.16697	0.23627
21	Brinjal	0.24125	0.29840
22	Okra (Lady finger)	0.14592	0.12604
23	Cabbage	0.12251	0.18756

S. No.	NAME OF COMMODITY	Weights (2011-12)	Weights (2004-05)
	b2. FRUITS	1.60060	2.10717
24	Banana	0.32937	0.34264
25	Mango	0.46209	0.65134
26	Apple	0.07505	0.10397
27	Orange	0.12653	0.13309
28	Cashew nut	0.06583	0.16399
29	Coconut (Fresh)	0.07873	0.24113
30	Papaya	0.06368	0.10340
31	Grapes	0.04932	0.09399
32	Pineapple	0.03089	0.04577
33	Guava	0.04560	0.07609
34	Litchi	0.02955	0.03716
35	Lemon	0.06575	0.07225
36	Sapota	0.02814	0.04235
	c. MILK	4.43999	3.23818
37	Milk	4.43999	3.23818
	d. EGGS,MEAT & FISH	2.40156	2.41384
38	Egg	0.23264	0.18675
39	Fish-Inland	0.52500	0.57256
40	Fish-Marine	0.42182	0.72259
41	Mutton	0.44094	0.34586
42	Beef and Buffalo Meat	0.16159	0.11585
43	Poultry Chicken	0.55906	0.41028
44	Pork	0.06051	0.05995
	e. CONDIMENTS & SPICES	0.52885	0.56908
45	Black Pepper	0.02098	0.02959
46	Chillies (Dry)	0.14056	0.15812
47	Turmeric	0.10015	0.07573
48	Cardamom	0.01434	0.01703
49	Ginger (Dry)	0.02098	0.05150
50	Betelnut/Arecanut	0.08487	0.10437
51	Cumin	0.06256	0.04393
52	Garlic	0.05323	0.06437
53	Coriander	0.02154	0.02444
	f. OTHER FOOD ARTICLES	0.94799	0.18347

S. No.	NAME OF COMMODITY	Weights (2011-12)	Weights (2004-05)
54	Tea	0.12359	0.11233
55	Coffee	0.09879	0.07114
56	Sugarcane	0.58142	0.63556
	(B). NON-FOOD ARTICLES	4.11894	4.25756
	a. FIBRES	0.83931	0.87737
57	Raw Cotton	0.66334	0.70488
58	Raw Jute	0.05453	0.06373
59	Mesta	0.00225	0.00771
60	Raw Wool	0.02629	0.01041
61	Raw Silk	0.07735	0.07114
62	Coir Fibre	0.01555	0.01950
	b. OIL SEEDS	1.11530	1.78051
63	Groundnut Seed	0.26876	0.39668
64	Rape & Mustard Seed	0.24914	0.33797
65	Cotton Seed	0.01106	0.20763
66	Copra (Coconut)	0.07310	0.24538
67	Gingelly Seed (Sesamum)	0.01201	0.07447
68	Linseed	0.00640	0.00829
69	Castor Seed	0.09763	0.04425
70	Niger Seed	0.00234	0.00681
71	Safflower (Kardi Seed)	0.00221	0.00759
72	Sunflower	0.01659	0.08033
73	Soyabean	0.37606	0.37111
	c. OTHER NON-FOOD ARTICLES	1.96043	1.38642
74	Hides (Raw)	0.03062	0.04375
75	Skins (Raw)	0.02290	0.05074
76	Tanning Materials	0.00418	0.02674
77	Tobacco	0.09374	0.08186
78	Gaur Seed	0.10347	0.04830
79	Raw Rubber	0.28851	0.16446
80	Fodder	0.53140	0.24698
	d. FLORICULTURE	0.20390	0.21326
81	Rose	0.14264	0.14928
82	Jasmine	0.03063	0.03199
83	Marigold	0.03063	0.03199

S. No.	NAME OF COMMODITY	Weights (2011-12)	Weights (2004-05)
	(C). MINERALS	0.83317	0.62322
	a. METALLIC MINERALS	0.64818	0.48859
84	Bauxite	0.00842	0.00757
85	Chromite	0.02645	0.03674
86	Zinc Concentrate	0.02752	0.01240
87	Manganese Ore	0.03955	0.03295
88	Iron Ore	0.20862	0.24001
	b. OTHER MINERALS	0.18499	0.13463
89	Phosphorite	0.11352	0.01415
90	Limestone	0.06947	0.09428
91	Sillimanite	0.00061	0.00066
	(D). CRUDE PETROLEUM & NATURAL GAS	2.40960	0.90028
92	Crude Petroleum	1.94537	0.90028
	II FUEL & POWER	13.15190	14.91021
	(A). COAL	2.13813	2.09419
	a. Coking Coal	0.64703	0.37815
93	Coking Coal	0.64703	0.37815
	b. Non-Coking Coal³	1.40097	1.00601
94	a.) Non-Coking Coal G1 to G6 [GCV exceeding 5500 Kcal/kg.]	0.49990	1.00601
95	b.) Non-Coking Coal G7 to G14 [GCV 3100 Kcal/kg. to 5500 Kcal/kg.]	0.88904	1.00601
96	c.) Non-Coking Coal G15 to G17 [GCV < 3100 Kcal/kg.]	0.01203	1.00601
	c. Lignite	0.09013	0.08509
97	Lignite	0.09013	0.08509
	(B). MINERAL OILS	7.94968	9.36439
98	LPG	0.64481	0.91468
99	Petrol	1.60470	1.09015
100	Kerosene	0.18685	0.73619
101	ATF	0.31991	0.25545
102	HSD	3.09548	4.67020
103	Naphtha	0.86678	0.79078

³ In the WPI (Base 2011-12), the index for Non-Coking Coal has been reclassified into three groups.

S. No.	NAME OF COMMODITY	Weights (2011-12)	Weights (2004-05)
104	Bitumen	0.22677	0.15515
105	Furnace Oil	0.66576	0.46505
106	Lube Oils	0.29199	0.16785
	(C). ELECTRICITY	3.06409	3.45163
107	Electricity	3.06409	3.45163
	III MANUFACTURED PRODUCTS	64.23054	64.97164
	(A). MANUFACTURE OF FOOD PRODUCTS	9.12173	9.97396
	a. Processing and preserving of meat⁴	0.13405	0.35785
108	Other meats, preserved/processed	0.01934	0.03554
	b. Processing and preserving of fish, crustaceans and molluscs and products thereof	0.20396	0.35785
109	Shrimps/Prawns - Processed/Frozen	0.06329	0.11517
110	Fish frozen/canned/processed	0.14067	0.11475
	d. Manufacture of vegetable and animal oils and fats	2.64293	3.04293
111	Vanaspati	0.37937	0.71494
112	Mustard Oil	0.18053	0.45094
113	Soyabean Oil	0.34251	0.37971
114	Sunflower Oil	0.23133	0.17348
115	Groundnut Oil	0.05834	0.30438
116	Castor Oil	0.02955	0.09758
117	Rice Bran Oil	0.29613	0.18489
118	Palm Oil	1.01507	0.41999
119	Rapeseed Oil	0.01160	0.45094
120	Copra oil	0.02769	0.10231
121	Cotton seed Oil	0.07081	0.26101
	d. Manufacture of dairy products	1.16545	0.56798
122	Condensed Milk	0.02154	0.03961
123	Ghee	0.39349	0.21595
124	Butter	0.52138	0.06118

⁴ “Processing and preserving of meat and Processing” and preserving of fish, crustaceans and molluscs and products thereof” in the WPI (Base 2011-12) series were in the same group called “Canning, preserving & Processing of Food” of the WPI (Base 2004-05) series.

S. No.	NAME OF COMMODITY	Weights (2011-12)	Weights (2004-05)
125	Ice cream	0.06189	0.05063
126	Powder Milk	0.16715	0.20061
	f. Manufacture of grain mill products	2.00952	1.34017
127	Maida	0.19044	0.45224
128	Wheat flour (Atta)	0.21121	0.39334
129	Wheat Bran	0.03970	0.09066
130	Sooji (rawa)	0.02473	0.08499
131	Flour of cereals other than rice, wheat etc.	0.00742	0.01572
132	Gram powder (besan)	0.09590	0.09734
	g. Manufacture of starches and starch products	0.10955	0.03645
133	Vegetable starch	0.10955	0.03645
	h. Manufacture of bakery products	0.21459	0.44354
134	Biscuit, cookies	0.15875	0.35095
135	Bread, buns & croissant	0.03500	0.06304
136	Cakes, pastries & muffins	0.02084	0.02955
	i. Manufacture of sugar, molasses & honey	1.16275	2.08859
137	Sugar	1.05553	1.73731
138	Molasses	0.04486	0.12926
139	Bagasse	0.02760	0.03946
140	Gur	0.02354	0.07763
	j. Manufacture of cocoa, chocolate and sugar confectionery⁵	0.17501	2.08859
141	Sugar confectionary	0.07816	0.04360
	l. Manufacture of Tea & Coffee products	0.37083	0.71106
142	Processed Tea	0.33175	0.68796
	m. Manufacture of Processed condiments & salt⁶	0.16302	0.87933
143	Spices (including mixed spices)	0.13610	0.06599
144	Salt	0.02692	0.04810

⁵ Manufacture of cocoa, chocolate and sugar confectionery under WPI (Base 2011-12) series was part of “sugar, Khandsari & Gur” sub-groups in the WPI (Base 2004-05) series.

⁶ “Other food product” sub-group in WPI (Base 2004-05) series contains most of the items of sub-groups “Processed condiments & salt”, “Manufacture of processed ready to eat food” and “Manufacture of prepared animal feeds” in the WPI (Base 2011-12) series.

S. No.	NAME OF COMMODITY	Weights (2011-12)	Weights (2004-05)
	n. Manufacture of processed ready to eat food	0.02428	0.87933
145	Instant Food/Prepared meals based on vegetables	0.02428	0.13927
	p. Manufacture of prepared animal feeds	0.35630	0.87933
146	Gola & similar Cattle Feed	0.21073	0.11247
147	Rice Bran Extract	0.03918	0.09174
148	Soya preparations excluding oil	0.01012	0.05937
149	Cotton seed oil cake	0.06115	0.12928
150	Mustard oil cake	0.03512	0.04018
	(B). MANUFACTURE OF BEVERAGES⁷	0.90907	1.76247
	a. Manufacture of wines & spirits	0.40833	0.38519
151	Spirits	0.23997	0.30800
152	Rectified spirit	0.07357	0.07719
	b. Manufacture of malt liquors and malt	0.22526	0.15295
153	Beer	0.16276	0.11454
154	Country liquor	0.06250	0.03841
	c. Manufacture of soft drinks; production of mineral waters and other bottled waters	0.27548	0.24132
155	Aerated drinks/soft drinks (incl. soft drink concentrates)	0.25793	0.19962
156	Bottled Mineral water	0.01755	0.02234
	(C). MANUFACTURE OF TOBACCO PRODUCTS	0.51357	1.76247
	a. Manufacture of tobacco products	0.51357	0.98301
157	Cigarette	0.16619	0.38924
158	Biri	0.11183	0.39877
159	Other tobacco products	0.23555	0.19500
	(D). MANUFACTURE OF TEXTILES⁸	4.88068	7.32639
	a. Preparation and spinning of textile fibres	2.58154	2.60526
160	Cotton Yarn	1.34192	1.37708

⁷ Manufacture of “BEVERAGES, TOBACCO & TOBACCO PRODUCTS” in the WPI (Base 2004-05) series has been bifurcated into “MANUFACTURE OF BEVERAGES” and “MANUFACTURE OF TOBACCO PRODUCTS” in the WPI (Base 2011-12) series.

⁸ The Group “TEXTILE” in the WPI (Base 2004-05) series has been bifurcated into “MANUFACTURE OF TEXTILES” and “MANUFACTURE OF WEARING APPAREL” in the WPI (Base 2011-12) series.

S. No.	NAME OF COMMODITY	Weights (2011-12)	Weights (2004-05)
161	Synthetic yarn	0.53794	0.19468
162	Viscose yarn	0.09019	0.08197
163	Woollen yarn	0.10192	0.08510
164	Texturised and twisted Yarn	0.50957	0.35065
	b. Weaving & Finishing of textiles	1.50903	1.22818
165	Synthetic Fabric – Others	0.05493	0.18748
166	Cotton cloth (dyed, printed, or otherwise finished/processed)	0.94619	0.58231
167	Fabric, polyethylene	0.05304	0.05407
168	Fabrics/cloth, rayon	0.08362	0.09144
169	Jute sacking cloth/Gunny and hessian cloth	0.31677	0.16762
	c. Manufacture of knitted and crocheted fabrics	0.19296	0.29417
170	Knitted fabrics of cotton	0.17714	0.06212
171	Cotton hosiery cloth	0.01582	0.17551
	d. Manufacture of made-up textile articles, except apparel	0.29850	0.29417
172	Bed linen/Bed Spread	0.05655	0.12382
173	Blankets	0.00895	0.01679
174	Cotton Dyed/printed textile	0.04900	0.01473
175	Cotton Towel	0.09734	0.02716
176	Terry Towel	0.05824	0.05603
	f. Manufacture of other textiles	0.20089	1.95994
177	Tyre cord fabric	0.07297	0.04212
178	Carpets and other floor coverings of textiles	0.12792	0.08191
	(E). MANUFACTURE OF WEARING APPAREL	0.81414	7.32639
	a. Manufacture of wearing apparel (woven), except fur apparel⁹	0.59324	2.20573
179	Shirts/half shirts of cotton and/or man-made fibre	0.35583	1.50468

⁹ The sub-group “Man made textiles” under “TEXTILE” group in the WPI (Base 2004-05) series contains most of the items under sub-groups “Manufacture of wearing apparel (woven), except fur apparel” and “Manufacture of knitted and crocheted apparel” in the WPI (Base 2011-12) series.

S. No.	NAME OF COMMODITY	Weights (2011-12)	Weights (2004-05)
180	Trouser/pants made of cotton and/or man-made fibre	0.01377	0.04270
181	Men/Boys suits, coats and jackets	0.12904	0.09230
182	Leather garments incl. Jackets	0.09460	0.11083
	b. Manufacture of knitted and crocheted apparel	0.22090	2.20573
183	Cardigans and pullovers, knitted	0.03253	0.08029
184	Shawls and scarves, knitted	0.06085	0.01782
185	Hosiery goods, others– cotton	0.03878	0.17551
	(F). MANUFACTURE OF LEATHER AND RELATED PRODUCTS	0.53540	0.83509
	a. Tanning and dressing of leather; dressing and dyeing of fur	0.14215	0.22325
186	Vegetable Tanned Leather	0.00002	0.13172
187	Chrome Tanned Leather	0.14213	0.07709
	b. Manufacture of luggage, handbags, saddlery and harness	0.07540	0.20676
188	Travel goods, handbags, office bags, etc.	0.03798	0.03987
189	Harness, Saddles & Other related Items	0.00831	0.01263
190	Gloves of leather	0.01002	0.01204
	c. Manufacture of footwear	0.31785	0.40908
191	Leather Shoe	0.20737	0.16630
192	Canvas shoes	0.01281	0.12214
193	Plastic/PVC Chappals	0.06382	0.01317
	(G). MANUFACTURE OF WOOD AND OF PRODUCTS OF WOOD AND CORK	0.77181	0.58744
	a. Saw milling and planing of wood	0.12417	0.18139
194	Timber/wooden plank, sawn/resawn	0.05444	0.18139
195	Wood cutting, processed/sized	0.05037	0.08479
	b. Manufacture of veneer sheets; manufacture of plywood, laminboard, particle board and other panels and boards	0.49330	0.24088
196	Plywood block boards	0.19458	0.16826
197	Particle Boards	0.11558	0.02661
198	Lamination wooden sheets/Veneer sheets	0.18314	0.01100
	d. Manufacture of wooden containers	0.11876	0.12756

S. No.	NAME OF COMMODITY	Weights (2011-12)	Weights (2004-05)
199	Wooden box/crate	0.10911	0.01557
	(H). MANUFACTURE OF PAPER AND PAPER PRODUCTS¹⁰	1.11322	2.03350
	a. Manufacture of pulp, paper and paperboard	0.49296	1.01910
200	Newsprint	0.07923	0.07951
201	Paper for printing & writing	0.19261	0.48195
202	Paper bag including craft paper bag	0.00123	0.25233
203	Base paper	0.01093	0.48195
204	Kraft paper	0.08220	0.25233
205	Laminated Paper	0.02820	0.03991
206	Card board	0.03100	0.04246
207	Press board	0.00300	0.08119
208	Hard board	0.00062	0.08119
209	Bristle paper board	0.03288	0.08119
210	Poster paper	0.00604	0.03240
211	Pulp board	0.00247	0.08119
	b. Manufacture of corrugated paper and paperboard and containers of paper and paperboard	0.31422	0.54979
212	Corrugated sheet box	0.19469	0.30223
213	Corrugated paper board	0.01591	0.08119
214	Card board box	0.02722	0.04246
215	Paper carton/box	0.07640	0.12391
	c. Manufacture of other articles of paper and paperboard	0.30604	0.54979
216	Map litho paper	0.09799	0.02789
	(I). PRINTING AND REPRODUCTION OF RECORDED MEDIA	0.67622	2.03350
	a. Printing	0.67622	0.46461
217	Newspaper	0.03031	0.12882
218	Journal/periodical	0.21333	0.26010

¹⁰ Manufacture of "PAPER AND PAPER PRODUCTS" in the WPI (Base 2004-05) series has been bifurcated into "PAPER AND PAPER PRODUCTS" and "PRINTING AND REPRODUCTION OF RECORDED MEDIA" in the WPI (Base 2011-12) series.

S. No.	NAME OF COMMODITY	Weights (2011-12)	Weights (2004-05)
219	Printed labels/posters/calendars	0.09471	0.07569
220	Printed Books	0.29985	0.26010
	(J). MANUFACTURE OF CHEMICALS AND CHEMICAL PRODUCTS¹¹	6.46505	12.01770
	a. Manufacture of basic chemicals	1.43330	1.18734
221	Fatty acid	0.02257	0.04748
222	Organic Solvent	0.00015	0.14188
223	Dye stuff/dyes incl. dye intermediates and pigments/colours	0.22821	0.57961
224	Acetic acid and Its Derivatives	0.02452	0.11208
225	Aromatic chemicals	0.03278	0.02305
226	Caustic soda (sodium hydroxide)	0.08237	0.28445
227	Soda ash/washing soda	0.06255	0.28445
228	Carbon Black	0.10555	0.09959
229	Ethyl acetate	0.03246	0.09959
230	Mono Ethyl Glycol	0.04397	0.10588
231	Alkyl Benzene	0.07318	0.09959
232	Other Petrochemical Intermediates	0.00684	0.19634
233	Menthol	0.02162	0.03020
234	Amine	0.05566	0.01756
235	Aniline (including pna, ona, ocpna)	0.03068	0.15514
236	Nitric Acid	0.02048	0.13180
237	Sulphuric Acid	0.03029	0.13180
238	Phosphoric acid	0.02073	0.13180
239	Liquid air & other gaseous products	0.04450	0.10545
240	Alcohols	0.12767	0.17609
241	Other Inorganic Chemicals	0.28422	0.13180
242	Phthalic anhydride	0.01910	0.16056
243	Ammonium nitrate	0.01281	0.13180
244	Catalysts	0.01697	0.13180
245	Sodium Silicate	0.01297	0.13180

¹¹ Manufacture of "CHEMICALS & CHEMICAL PRODUCTS" in the WPI (Base 2004-05) series has been bifurcated into "CHEMICALS AND CHEMICAL PRODUCTS" and "PHARMACEUTICALS, MEDICINAL CHEMICAL AND BOTANICAL PRODUCTS" in the WPI (Base 2011-12) series.

S. No.	NAME OF COMMODITY	Weights (2011-12)	Weights (2004-05)
	b. Manufacture of fertilizers and nitrogen compounds	1.48497	2.66123
246	Urea	0.72685	1.57884
247	Di ammonium phosphate	0.07425	0.48672
248	Ammonium sulphate	0.03420	0.02168
249	Nitrogenous fertilizer, others	0.00427	0.05892
250	Mixed fertilizer	0.45476	0.22135
251	Ammonium phosphate	0.04093	0.48672
252	Ammonia gas	0.04383	0.06135
253	Ammonia liquid	0.02116	0.06135
254	Superphosphate/Phosphatic fertilizer, others	0.08472	0.02867
	c. Manufacture of plastic and synthetic rubber in primary form	1.00082	0.97000
255	Poly Propylene (PP)	0.19433	0.59386
256	Polyethylene	0.51618	0.59386
257	Polystyrene, expandable	0.02619	0.12307
258	Oleoresin	0.07154	0.07540
	d. Manufacture of pesticides and other agrochemical products	0.45369	0.48341
259	Insecticide and Pesticide	0.38578	0.32742
260	Agro chemical formulation	0.06434	0.22911
	e. Manufacture of paints, varnishes and similar coatings, printing ink and mastics	0.49145	0.52932
261	Paint	0.38664	0.37360
262	Varnish (all types)	0.01733	0.02511
263	Printing ink	0.07540	0.10282
	f. Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	0.61219	1.13048
264	Toilet soap	0.07605	0.26840
265	Detergent cake, washing soap cake/bar/powder	0.30512	0.37916
266	Organic surface active agent	0.01834	0.00405
267	Tooth paste/Tooth Powder	0.02704	0.11015
268	Agarbatti	0.02364	0.08707
269	Perfume/scent	0.10008	0.06284

S. No.	NAME OF COMMODITY	Weights (2011-12)	Weights (2004-05)
270	Creams & Lotions for External Application	0.02734	0.07991
271	Face/Body Powder	0.00413	0.01802
272	Hair oil/Body Oil	0.00890	0.09490
273	Shampoo	0.01534	0.03477
	g. Manufacture of other chemical products	0.69227	0.13180
274	Safety matches (match box)	0.06202	0.08561
275	Plasticizer	0.00818	0.10647
276	Polyester film(metalized)	0.08695	0.23888
277	Adhesive excluding gum	0.12705	0.13088
278	Adhesive tape (non-medicinal)	0.02592	0.13088
279	Gelatine	0.02008	0.07540
280	Hydrogen peroxide	0.03517	0.00992
281	Additive	0.08986	0.04659
282	Foundry chemical	0.00808	0.01595
283	Explosive	0.08728	0.09209
284	Rubber Chemicals	0.00748	0.06007
285	Organic chemicals	0.04383	0.16056
	h. Manufacture of man-made fibres¹²	0.29636	1.67244
286	Polyester chips or Polyethylene terephthalate (PET) chips	0.14608	0.14318
287	Acrylic fibre	0.04353	0.04322
288	Viscose staple fibre	0.01984	0.11920
289	Polyester fibre fabric	0.08691	0.18846
	(K). MANUFACTURE OF PHARMACEUTICALS, MEDICINAL CHEMICAL AND BOTANICAL PRODUCTS	1.99345	12.01770
	a. Manufacture of pharmaceuticals, medicinal chemical and botanical products	1.99345	0.45610
290	Vials/ampoule, glass, empty or filled	0.02630	0.00980
291	Vaccine for hepatitis B	0.00037	0.04597
292	Ayurvedic medicaments	0.06506	0.05277

¹² The sub-group "Manufacture of man-made fibres" under group "MANUFACTURE OF CHEMICALS AND CHEMICAL PRODUCTS" in the WPI (Base 2011-12) series was in the group "TEXTILE" of the WPI (Base 2004-05) series.

S. No.	NAME OF COMMODITY	Weights (2011-12)	Weights (2004-05)
293	Vaccine for polio	0.01289	0.04597
294	Antibiotics & preparations thereof	0.23061	0.20605
	(L). MANUFACTURE OF RUBBER AND PLASTICS PRODUCTS	2.29851	2.98697
	a. Manufacture of rubber tyres and tubes; retreading and rebuilding of rubber tyres	0.60897	0.54128
295	Motor Car Tyre	0.20706	0.19729
296	Tractor Tyre	0.03327	0.04438
297	2/3 wheeler Tyre	0.04030	0.04419
298	Motor Car Tube	0.01126	0.02531
299	2/3 wheeler rubber tube	0.01601	0.04419
300	Cycle/Cycle rickshaw tyre	0.02371	0.01822
	b. Manufacture of other rubber products¹³	0.27178	0.58435
301	V belt	0.01101	0.00995
302	Rubber moulded goods	0.03434	0.02264
303	Rubber components & parts	0.01732	0.01645
304	Condoms	0.01310	0.06007
305	Rubber Crumb	0.05232	0.06476
	c. Manufacture of plastics products	1.41776	1.86134
306	PVC fittings & other accessories	0.16210	0.17752
307	Polyester film (non-metalized)	0.01969	0.23888
308	Polypropylene film	0.05098	0.05103
309	Plastic film	0.24113	0.17118
310	Polythene film	0.04306	0.15286
311	Plastic bag	0.01975	0.15286
312	Plastic bottle	0.06262	0.02883
313	Thermocol	0.06841	0.23400
314	Plastic box/container	0.31065	0.07174
315	Plastic components	0.20335	0.12660
316	Tooth brush	0.03926	0.01001
	(M). MANUFACTURE OF OTHER NON-METALLIC MINERAL PRODUCTS	3.20176	2.55597

¹³ The sub-group "Manufacture of other rubber products" in the WPI (Base 2011-12) series contains the items of sub-group "Rubber Products" UNDER "RUBBER AND PALSTIC PRODUCTS" in the WPI (Base 2004-05) series.

S. No.	NAME OF COMMODITY	Weights (2011-12)	Weights (2004-05)
	a. Manufacture of glass and glass products	0.29504	0.25567
317	Toughened glass	0.02939	0.04330
318	Fibre glass incl. sheet	0.03063	0.03927
319	Glass bottle	0.19850	0.07656
320	Ophthalmic lens	0.03097	0.00852
	b. Manufacture of refractory products	0.22322	0.65801
321	Non ceramic tiles	0.00760	0.00038
322	Ceramic tiles (Vitrified tiles)	0.17903	0.34117
	d. Manufacture of other porcelain and ceramic products	0.22247	0.25567
323	Porcelain crockery	0.02145	0.00781
324	Electric insulating material	0.20102	0.05225
	e. Manufacture of cement, lime and plaster	1.64480	0.25583
325	Lime and calcium carbonate	0.02789	0.02199
326	Clinker	0.31582	1.26347
327	Ordinary Portland cement	0.85277	1.26347
328	slag cement	0.09830	0.07783
329	Pozzolana cement	0.09194	1.26347
330	White cement	0.18047	0.03099
	f. Manufacture of articles of concrete, cement and plaster	0.29248	0.65801
331	Asbestos corrugated sheet	0.12181	0.04408
332	Marble Slab	0.09603	0.10682
333	Railway sleeper	0.00490	0.03565
334	Poles & posts of concrete	0.02629	0.02858
	g. Cutting, shaping and finishing of stone	0.23351	0.65801
335	Granite	0.15735	0.06325
336	Stone, chip	0.07616	0.14677
	h. Manufacture of other non-metallic mineral products	0.16911	0.25583
337	Graphite rod	0.16911	0.06030

S. No.	NAME OF COMMODITY	Weights (2011-12)	Weights (2004-05)
	(N). MANUFACTURE OF BASIC METALS¹⁴	9.64632	10.74785
	a. Inputs into steel making¹⁵	1.41103	1.56301
338	Sponge Iron/Direct Reduced Iron (DRI)	1.00352	0.26878
339	Ferrochrome	0.11195	0.09534
340	Ferromanganese	0.02589	0.02806
341	Ferrosilicon	0.02314	0.01401
342	Other ferro alloys	0.02768	0.40293
	b. Metallic iron	0.65301	1.56301
343	Pig Iron	0.65301	0.38921
	c. Mild Steel - Semi Finished Steel	1.27356	1.56301
344	Mild Steel (MS) Blooms	0.64842	0.03323
345	MS Slabs	0.58341	0.16117
346	MS Pencil Ingots	0.04173	0.58954
	d. Mild Steel -Long Products	1.08063	1.62997
347	MS Wire Rods	0.37842	0.21914
348	MS Bright Bars	0.55727	0.73617
349	Rails	0.13227	0.10725
350	Angles, Channels, Sections, steel (coated/not)	0.01267	0.11215
	e. Mild Steel - Flat products	1.14442	2.61065
351	Hot Rolled (HR) Coils & Sheets, including Narrow Strip	0.88361	1.39672
352	Cold Rolled (CR) Coils & Sheets, including Narrow Strip	0.09307	0.44658
353	GP/GC sheet	0.11260	0.21359
	f. Alloy steel other than Stainless Steel- Shapes	0.06671	0.93758
354	Alloy steel Wire rods	0.06671	0.21914
	g. Stainless Steel - Semi Finished	0.92396	0.93758
355	Stainless Steel bars & rods, including flats	0.48307	0.50142

¹⁴ Manufacture of “BASIC METALS, ALLOYS & METAL PRODUCTS” in the WPI (Base 2004-05) series has been bifurcated into “MANUFACTURE OF BASIC METALS” and “MANUFACTURE OF FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT” in the WPI (Base 2011-12) series.

¹⁵ The sub-groups “Inputs into steel making”, “Metallic iron” and “Mild Steel - Semi Finished Steel” in the WPI (Base 2011-12) series are part of the sub-group “Iron & semis” in the WPI (Base 2004-05) series.

S. No.	NAME OF COMMODITY	Weights (2011-12)	Weights (2004-05)
	h. Pipes & tubes	0.20534	0.31396
356	Stainless steel tubes	0.20459	0.31396
	i. Manufacture of non-ferrous metals incl. precious metals	1.69264	1.51875
357	Copper metal/Copper Rings	0.11676	0.14717
358	Zinc metal/zinc blocks	0.02265	0.04667
359	Aluminium metal	0.00188	0.03661
360	Lead ingots, bars, blocks, plates	0.01906	0.01104
361	Copper shapes - bars/rods/plates/strips	0.62858	0.14256
362	Aluminium alloys	0.06796	0.03195
363	Aluminium Foil	0.07863	0.03403
364	Aluminium shapes - bars/rods/flats	0.21326	0.05280
365	Aluminium ingot	0.40260	0.20750
	j. Castings	0.92451	0.87124
366	Cast iron, castings	0.05550	0.21320
367	Alloy steel castings	0.02077	0.56725
368	Aluminium castings	0.06169	0.03661
	(O). MANUFACTURE OF FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT	3.15498	10.74785
	a. Manufacture of structural metal products¹⁶	1.03144	1.68005
369	Steel pipes, tubes & poles	0.28647	0.31396
370	Mild steel (MS) flats & sheets	0.14193	0.41503
371	Jigs & Fixture	0.00541	0.06451
372	Steel structures	0.59281	0.12190
373	Bracket	0.00358	0.01304
	b. Manufacture of tanks, reservoirs and containers of metal	0.65951	1.68005
374	Cylinders	0.56456	0.06602
375	Steel Container	0.07075	0.09286

¹⁶ The sub-groups “Manufacture of structural metal products” and “Manufacture of tanks, reservoirs and containers of metal” in the WPI (Base 2011-12) series are part of the sub-group “Metal Products” in the WPI (Base 2004-05) series.

S. No.	NAME OF COMMODITY	Weights (2011-12)	Weights (2004-05)
	c. Manufacture of steam generators, except central heating hot water boilers¹⁷	0.14462	1.68005
376	Boilers	0.12250	0.25273
	d. Forging, pressing, stamping and roll-forming of metal; powder metallurgy	0.38342	1.68005
377	Electrical stamping- Laminated or otherwise	0.17896	0.03941
	e. Manufacture of cutlery, hand tools and general hardware	0.20758	1.68005
378	Stainless steel utensils	0.08546	0.07917
379	Lock/padlock	0.00046	0.02844
	f. Manufacture of other fabricated metal products	0.72841	1.68005
380	Bolts, screws, nuts & nails of Iron & steel	0.18662	0.08352
381	Aluminium utensils	0.02264	0.04034
382	Pressure cooker	0.04521	0.01137
383	Steel drums and barrels	0.02274	0.09286
	(P). MANUFACTURE OF COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS¹⁸	2.00875	8.93148
	a. Manufacture of electronic components¹⁹	0.40241	0.96117
384	Capacitors	0.20041	0.02454
385	UPS in Solid State Drives	0.12825	0.11542
386	Electronic Printed Circuit Board (PCB)/micro circuit	0.07375	0.06083
	b. Manufacture of computers and peripheral equipment	0.33637	0.96117
387	Personal Computer (P.C.)	0.10995	0.17865
388	Computer peripherals	0.03574	0.08835

¹⁷ The sub-groups “steam generators, except central heating hot water boilers”, “Forging, pressing, stamping and roll-forming of metal; powder metallurgy”, “cutlery, hand tools and general hardware” and “other fabricated metal products” in the WPI (Base 2011-12) series are part of the sub-group “Metal Products” and “Non-ferrous Metals” in the WPI (Base 2004-05) series.

¹⁸ Manufacture of “MACHINERY & MACHINE TOOLS” in the WPI (Base 2004-05) series has been trifurcated into “COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS” “ELECTRICAL EQUIPMENT” and “MACHINERY AND EQUIPMENT” in the WPI (Base 2011-12) series.

¹⁹ The sub-groups “Electronic components”, “Computers and peripheral equipment”, “Communication equipment” and “Consumer electronics” in the WPI (Base 2011-12) series are parts of the sub-group “Electronic Items” in the WPI (Base 2004-05) series.

S. No.	NAME OF COMMODITY	Weights (2011-12)	Weights (2004-05)
	c. Manufacture of communication equipment	0.30998	0.96117
389	Telephone sets including mobile hand sets	0.30578	0.11821
	d. Manufacture of consumer electronics	0.64095	0.96117
390	Colour TV	0.43702	0.48621
391	Air conditioner	0.20393	0.22151
	e. Manufacture of measuring, testing, navigating and control equipment²⁰	0.18056	1.02563
392	Meter (non-electrical)	0.18056	0.03060
	f. Manufacture of watches and clocks	0.07551	1.02563
393	Watch	0.06734	0.01828
394	Scientific time keeping device	0.00304	0.01828
	g. Manufacture of irradiation, electro-medical and electro-therapeutic equipment	0.05546	
395	X-ray equipment	0.00698	-
	(Q). MANUFACTURE OF ELECTRICAL EQUIPMENT	2.92970	8.93148
	a. Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus²¹	1.29789	2.34277
396	Generators & Alternators	0.39020	0.42902
397	Transformer	0.55072	0.42227
398	A C Motor	0.02218	0.17398
399	Electric & other meters	0.04345	0.05136
400	Electric switch gear control/starter	0.02069	0.01862
401	Meter Panel	0.05246	0.08266
402	Amplifier	0.00110	0.00525
403	Electrical relay/conductor	0.10270	0.03193
404	Safety fuse	0.00525	0.00619

²⁰ The sub-group “Manufacture of measuring, testing, navigating and control equipment” and “Manufacture of watches and clocks” in the WPI (Base 2011-12) series are part of the sub-group “Non-electrical Machinery” in the WPI (Base 2004-05) series.

²¹ The sub-groups “Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus” and “Manufacture of batteries and accumulators” in the WPI (Base 2011-12) series are part of “Electrical machinery, equipment & batteries” in the WPI (Base 2004-05) series.

S. No.	NAME OF COMMODITY	Weights (2011-12)	Weights (2004-05)
405	Generator parts	0.08079	0.01485
406	Electrical resistors (except heating resistors)	0.00732	0.01266
	b. Manufacture of batteries and accumulators	0.23573	2.34277
407	Dry cells such as torch light batteries	0.04299	0.06986
408	Batteries	0.19028	0.12073
	c. Manufacture of fibre optic cables for data transmission or live transmission of images	0.13327	0.96117
409	Fibre Optic Cables	0.13327	0.02050
	d. Manufacture of other electronic and electric wires and cables²²	0.42798	1.06278
410	PVC Insulated Cable	0.08292	0.38443
411	Jelly Filled Cables	0.00366	0.15810
412	Electric Wires & Cables	0.02157	0.15810
413	ACSR Conductors	0.04741	0.15496
414	Aluminium/Alloy Conductor	0.02667	0.15496
415	Aluminium wire	0.01353	0.05925
416	Copper wire	0.07782	0.05044
417	Rubber Insulated Cables	0.01964	0.38443
418	Insulating & flexible wire	0.08644	0.38443
419	Connector/plug/socket/holder-electric	0.04832	0.02510
	e. Manufacture of wiring devices, electric lighting & display equipment²³	0.26294	2.34277
420	Electric switch	0.17381	0.06193
421	Light fitting accessories	0.03113	0.02510
422	Flourescent tube	0.03823	0.03744
423	Incandescent Lamps	0.00160	0.03755
424	Electric filament type lamps	0.01471	0.03755
	f. Manufacture of domestic appliances	0.36600	0.42879
425	Refrigerators	0.13502	0.19422

²² The sub-groups “Manufacture of other electronic and electric wires and cables” and “Manufacture of other electrical equipment” in the WPI (Base 2011-12) series are part of the sub-group “Electrical accessories, wire, cables etc.” in the WPI (Base 2004-05) series.

²³ The sub-group “Manufacture of wiring devices, electric lighting & display equipment” in the WPI (Base 2011-12) series is part of the sub-group “Electronic machinery, equipment & batteries” in the WPI (Base 2004-05) series.

S. No.	NAME OF COMMODITY	Weights (2011-12)	Weights (2004-05)
426	Electric Mixers/Grinders/Food Processors	0.04313	0.02352
427	Fan	0.05080	0.10242
428	Washing Machines/Laundry Machines	0.07370	0.07224
429	Microwave oven	0.00206	0.01017
	g. Manufacture of other electrical equipment	0.20589	1.06278
430	Electric welding machine	0.06077	0.02286
431	Motors & other DC equipment	0.03353	0.01015
432	Insulator	0.11159	0.05225
	(R). MANUFACTURE OF MACHINERY AND EQUIPMENT	4.78899	8.93148
	a. Manufacture of engines and turbines, except aircraft, vehicle and two wheeler engines	0.63840	1.02563
433	Industrial valve	0.61304	0.10538
	b. Manufacture of fluid power equipment²⁴	0.16151	2.34277
434	Injection pump	0.04418	0.15890
435	Hydraulic pump	0.00026	0.15890
436	Pneumatic tools	0.04017	0.15890
	c. Manufacture of other pumps, compressors, taps and valves	0.55183	2.34277
437	Centrifugal Pumps	0.02796	0.15890
438	Pump sets without motor	0.25362	0.10241
439	Air gas compressor including compressor for refrigerator	0.05445	0.18293
	d. Manufacture of bearings, gears, gearing and driving elements²⁵	0.34015	0.80388
440	Roller and ball bearings	0.28071	0.01619

²⁴ The sub-groups “Manufacture of fluid power equipment” “Manufacture of other pumps, compressors, taps and valves” in the WPI (Base 2011-12) series are part of sub-group “Electrical machinery, equipment & batteries” in the WPI (Base 2004-05) series.

²⁵ The sub-group “Manufacture of bearings, gears, gearing and driving elements” in the WPI (Base 2011-12) series is part of the sub-group “Auto Parts” in the WPI (Base 2004-05) series.

S. No.	NAME OF COMMODITY	Weights (2011-12)	Weights (2004-05)
	f. Manufacture of lifting and handling equipment²⁶	0.28509	1.83759
441	Cranes	0.07620	0.04647
442	Material handling, lifting and hoisting equipment	0.04086	0.04777
443	Hydraulic equipment	0.16803	0.04504
	h. Manufacture of other general-purpose machinery	0.43675	1.83759
444	Chillers	0.00436	0.01306
445	Filtration equipment	0.13412	0.01816
446	Conveyors - non-roller type	0.00093	0.01645
	i. Manufacture of agricultural and forestry machinery	0.83265	0.13899
447	Agricultural tractors ²⁷	0.52772	0.40572
448	Harvesters	0.00364	0.00929
449	Agriculture implements	0.26218	0.09341
450	Threshers	0.00071	0.01024
	j. Manufacture of metal-forming machinery and machine tools	0.22363	0.36702
451	Drilling Machine	0.06894	0.00734
452	Lathes	0.01044	0.02070
	k. Manufacture of machinery for mining, quarrying and construction²⁸	0.37079	1.02563
453	Excavator	0.06463	0.19193
454	Loader	0.00379	0.01029
455	Mining, quarrying & metallurgical machinery/parts	0.02454	0.03860
456	Mixing machine	0.00216	0.01260

²⁶ The sub-groups “Manufacture of lifting and handling equipment” and “Manufacture of other general-purpose machinery” in the WPI (Base 2011-12) series is part of the sub-group “Industrial Machinery” in the WPI (Base 2004-05) series.

²⁷ The item “Agricultural Tractors” in the WPI (Base 2011-12) series was an item in the sub-group “TRANSPORT, EQUIPMENT & PARTS” in the WPI (Base 2004-05) series.

²⁸ The sub-group “Manufacture of machinery for mining, quarrying and construction” in the WPI (Base 2011-12) series is part of sub-groups “Non-electrical Machinery” and “Construction Machinery” in the WPI (Base 2004-05) series.

S. No.	NAME OF COMMODITY	Weights (2011-12)	Weights (2004-05)
457	Concrete vibrator & mixture	0.01692	0.01260
458	Earth moving machinery	0.18095	0.19193
	j. Manufacture of machinery for food, beverage and tobacco processing²⁹	0.22793	1.83759
459	Rice mill machinery	0.03071	0.01209
460	Separator	0.00246	0.01689
461	Sugar Machinery	0.11790	0.03470
	m. Manufacture of machinery for textile, apparel and leather production³⁰	0.19214	0.44782
462	Sewing Machines	0.01112	0.02013
	n. Manufacture of other special-purpose machinery	0.46834	0.44782
463	Machinery for plastic products - extruded	0.08373	0.08225
464	Moulding Machine	0.09108	0.08225
465	Chemical equipment & system	0.00731	0.14844
	o. Manufacture of renewable electricity generating equipment	0.04559	0.04540
466	Solar power system (solar panel & attachable equipment)	0.02582	0.04540
	(S). MANUFACTURE OF MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS³¹	4.96853	5.21282
	a. Manufacture of motor vehicles	2.60026	4.23106
467	Minibus/bus	0.79295	0.74745
468	Passenger vehicles	0.86336	1.89760
469	Chassis of different vehicle types	0.15893	0.08580
470	Body (for commercial motor vehicles)	0.08918	0.08580

²⁹ The sub-group “Manufacture of machinery for food, beverage and tobacco processing” in the WPI (Base 2011-12) series is part of sub-groups “Industrial Machinery” and “Agricultural Machinery & Implements” in the WPI (Base 2004-05) series.

³⁰ The sub-group “Manufacture of machinery for textile, apparel and leather production” in the WPI (Base 2011-12) series is part of sub-group “Non-electrical Machinery” in the WPI (Base 2004-05) series.

³¹ Manufacture of “TRANSPORT, EQUIPMENT & PARTS” in the WPI (Base 2004-05) series has been bifurcated into “MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS” and “MANUFACTURE OF OTHER TRANSPORT EQUIPMENT” in the WPI (Base 2011-12) series.

S. No.	NAME OF COMMODITY	Weights (2011-12)	Weights (2004-05)
	b. Manufacture of parts and accessories for motor vehicles	2.36827	0.80050
471	Engine	0.83798	0.07471
472	Wheels/Wheels & parts	0.14275	0.04398
473	Shafts of all kinds	0.07112	0.04349
474	Axles of motor vehicles	0.12553	0.07160
475	Radiators & coolers	0.06161	0.03901
476	Piston ring/Piston and Compressor	0.05103	0.06323
477	Crankshaft	0.02807	0.02227
478	Silencer and Damper	0.07898	0.01422
479	Head lamp	0.03681	0.02136
480	Gear box and parts	0.31546	0.18625
481	Steering gear control system	0.08627	0.02478
482	Cylinder liners	0.08823	0.01010
483	Chain	0.02190	0.01304
484	Filter element	0.05030	0.00921
485	Ignition device	0.01704	0.00930
	(T). MANUFACTURE OF OTHER TRANSPORT EQUIPMENT	1.64777	5.21282
	a. Building of ships and floating structures	0.11734	0.17788
486	Propellers & Blades of Boats/Ships	0.00394	0.01321
	b. Manufacture of railway locomotives and rolling stock	0.10979	0.17788
487	Railway brake gear	0.00042	0.00417
	c. Manufacture of motor cycles³²	1.30205	4.23106
488	Motor cycles	1.16610	0.88050
489	Scooters	0.12322	0.88050
490	Auto rickshaw/Tempo/Matador/Three wheelers	0.01273	0.29308
	d. Manufacture of bicycles and invalid carriages	0.11700	0.17788
491	Bicycles of all types	0.11700	0.07706

³² The sub-group "Manufacture of motor cycles" in the WPI (Base 2011-12) series is part of the sub-group "Automotive" in the WPI (Base 2004-05) series.

S. No.	NAME OF COMMODITY	Weights (2011-12)	Weights (2004-05)
	e. Manufacture of other transport equipment	0.00159	0.00671
492	Tanker	0.00159	0.00671
	(U). MANUFACTURE OF FURNITURE	0.72672	-
	a. Manufacture of furniture³³	0.72672	-
493	Wooden furniture	0.18979	0.10817
494	Iron/Steel Furniture	0.26311	0.12190
	(V). OTHER MANUFACTURING	1.06417	-
	a. Manufacture of jewellery and related articles	0.99638	1.68005
495	Gold & gold ornaments	0.96561	0.36399
496	Silver	0.03077	0.01083
	c. Manufacture of sports goods	0.01238	-
497	Football	0.00562	0.00425
	d. Manufacture of games and toys	0.00476	-
498	Plastic moulded-others toys	0.00210	-

³³ The sub-group "Manufacture of jewellery and related articles" in the WPI (Base 2011-12) series was part of sub-group "Metal Products" in the WPI (Base 2004-05) series.

List of New items added or revised in WPI Series (2011-12)

S. No.	NAME OF COMMODITIES	Weights
	All commodities	100.00000
	I PRIMARY ARTICLES	22.61756
	(A). FOOD ARTICLES	15.25585
	a. FOOD GRAINS (CEREALS+PULSES)	3.46238
	a2. PULSES	0.63860
1	Peas/Chawali	0.02444
2	Rajma	0.00573
	b. FRUITS & VEGETABLES	3.47508
	b1. VEGETABLES	1.87448
3	Carrot	0.01874
4	Radish	0.03942
5	Cucumber	0.00906
6	Pointed gourd	0.00210
7	Bitter gourd	0.02261
8	Bottle gourd	0.02323
9	Beans	0.08309
10	Pumpkin	0.00465
11	Drumstick	0.01823
	b2. FRUITS	1.60060
12	Mosambi (Sweet Orange)	0.02521
13	Pomengranate	0.02122
14	Amla	0.01837
15	Jackfruit	0.02458
16	Pear	0.01001
17	Almonds	0.02469
18	Walnut	0.02599
	e. CONDIMENTS & SPICES	0.52885
19	Tamarind	0.00964
	f. OTHER FOOD ARTICLES	0.94799
20	Betel Leaves	0.14419
	(B). NON-FOOD ARTICLES	4.11894
	c. OTHER NON-FOOD ARTICLES	1.96043
21	Industrial wood	0.88561

S. No.	NAME OF COMMODITIES	Weights
	(C). MINERALS	0.83317
	a. METALLIC MINERALS	0.64818
22	Copper Concentrate	0.33393
23	Lead Concentrate	0.00369
	b. OTHER MINERALS	0.18499
24	Garnet	0.00139
	(D). CRUDE PETROLEUM & NATURAL GAS	2.40960
25	Natural Gas	0.46423
	II FUEL & POWER	13.15190
	(B). MINERAL OILS	7.94968
26	Petroleum Coke	0.04663
	III MANUFACTURED PRODUCTS	64.23054
	(A). MANUFACTURE OF FOOD PRODUCTS	9.12173
	a. Processing and preserving of meat	0.13405
27	Buffalo meat, fresh/frozen	0.07438
28	Meat of goat, fresh or chilled	0.02943
29	Chicken/duck, dressed - fresh/frozen	0.01090
	c. Processing and preserving of fruit and vegetables	0.13809
30	Fruit Juice including concentrates	0.04695
31	Fruit pulp	0.03326
32	Jams, jellies, marmalades and puree	0.02391
33	Sauces of Vegetables (Tomato, Chilli, Soya & others)	0.03397
	f. Manufacture of grain mill products	2.00952
34	Rice, Non-basmati	0.94347
35	Basmati rice	0.42640
36	Rice products	0.07025
	i. Manufacture of sugar, molasses & honey	1.16275
37	Honey	0.01122
	j. Manufacture of cocoa, chocolate and sugar confectionery	0.17501
38	Chocolate & cocoa powder	0.09685
	k. Manufacture of macaroni, noodles, couscous and similar farinaceous products	0.02640
39	Noodles & similar extruded products	0.02640
	l. Manufacture of Tea & Coffee products	0.37083

S. No.	NAME OF COMMODITIES	Weights
40	Instant Coffee	0.03292
41	Coffee powder with chicory	0.00616
	o. Manufacture of Health supplements	0.22500
42	Corn Flake	0.18477
43	Whey powder	0.04023
	(B). MANUFACTURE OF BEVERAGES	0.90907
	a. Manufacture of wines & spirits	0.40833
44	Wine	0.09479
	(D). MANUFACTURE OF TEXTILES	4.88068
	b. Weaving & Finishing of textiles	1.50903
45	Cotton woven cloth	0.00942
46	Woollen woven cloth	0.04506
	d. Manufacture of made-up textile articles, except apparel	0.29850
47	Quilts	0.00900
48	Curtains	0.01942
	e. Manufacture of cordage, rope, twine and netting	0.09776
49	Nylon rope	0.00911
50	Cordage/ropes/twines of jute and coir	0.08865
	(E). MANUFACTURE OF WEARING APPAREL	0.81414
	b. Manufacture of knitted and crocheted apparel	0.22090
51	Babies garments, knitted	0.08874
	(F). MANUFACTURE OF LEATHER AND RELATED PRODUCTS	0.53540
	b. Manufacture of luggage, handbags, saddlery and harness	0.07540
52	Belt & Other Articles of Leather	0.01909
	c. Manufacture of footwear	0.31785
53	Athletic/sport shoes	0.01651
54	Waterproof footwear	0.01734
	(G). MANUFACTURE OF WOOD AND OF PRODUCTS OF WOOD AND CORK	0.77181
	a. Saw milling and planing of wood	0.12417
55	Wooden splint	0.01936
	c. Manufacture of builders' carpentry and joinery	0.03558
56	Wooden panel	0.02696

S. No.	NAME OF COMMODITIES	Weights
57	Wooden board (non-electrical)	0.00862
	d. Manufacture of wooden containers	0.11876
58	Wooden block - compressed or not	0.00965
	(H). MANUFACTURE OF PAPER AND PAPER PRODUCTS	1.11322
	a. Manufacture of pulp, paper and paperboard	0.49296
59	Tissue paper	0.02255
	c. Manufacture of other articles of paper and paperboard	0.30604
60	Duplex paper	0.18002
61	Laminated plastic sheet	0.02803
	(I). PRINTING AND REPRODUCTION OF RECORDED MEDIA	0.67622
	a. Printing	0.67622
62	Printed form & schedule	0.01659
63	Hologram (3D)	0.00297
64	Sticker plastic	0.01846
	(J). MANUFACTURE OF CHEMICALS AND CHEMICAL PRODUCTS	6.46505
	a. Manufacture of basic chemicals	1.43330
65	Ethylene Oxide	0.01294
66	Camphor	0.00751
	c. Manufacture of plastic and synthetic rubber in primary form	1.00082
67	Poly Vinyl Chloride (PVC)	0.08347
68	XLPE Compound	0.10911
	d. Manufacture of pesticides and other agrochemical products	0.45369
69	Fungicide, liquid	0.00357
	e. Manufacture of paints, varnishes and similar coatings, printing ink and mastics	0.49145
70	Powder coating material	0.01208
	f. Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	0.61219
71	Mosquito coil	0.00621
	g. Manufacture of other chemical products	0.69227

S. No.	NAME OF COMMODITIES	Weights
72	Epoxy, liquid	0.09037
	h. Manufacture of man-made fibres	0.29636
	(K). MANUFACTURE OF PHARMACEUTICALS, MEDICINAL CHEMICAL AND BOTANICAL PRODUCTS	1.99345
	a. Manufacture of pharmaceuticals, medicinal chemical and botanical products	1.99345
73	Anti-inflammatory preparation	0.00306
74	Anti-cancer drugs	0.08012
75	Antipyretic, analgesic, anti-inflammatory formulations	0.00358
76	Anti-retroviral drugs for HIV treatment	0.01316
77	Antidiabetic drug excluding insulin (i.e. tolbutam)	0.11682
78	API & formulations of vitamins	0.70266
79	Simvastatin	0.05230
80	Digestive enzymes and antacids	0.03613
81	Sulpha drugs	0.03627
82	Anti-allergic drugs	0.00959
83	Antioxidants	0.02243
84	Antiseptics and disinfectants	0.01460
85	Cotton wool (medicinal)	0.00652
86	Plastic capsules	0.07553
87	Steroids and hormonal preparations (including anti-fungal preparations)	0.01615
88	Anti-malarial drugs	0.06041
89	IV fluids	0.01785
90	Medical accessories	0.39104
	(L). MANUFACTURE OF RUBBER AND PLASTICS PRODUCTS	2.29851
	a. Manufacture of rubber tyres and tubes; retreading and rebuilding of rubber tyres	0.60897
91	Medium & heavy commercial vehicle tyre	0.12918
92	Solid Rubber Tyres/Wheels	0.00473
93	Rubberized dipped fabric	0.00203
94	Rubber cloth/sheet	0.01224
95	Medium & heavy commercial vehicle tube	0.12918
	b. Manufacture of other rubber products	0.27178

S. No.	NAME OF COMMODITIES	Weights
96	Processed rubber	0.01724
97	Conveyer belt (fibre based)	0.04791
98	Elastic webbing	0.00914
99	Rubber Tread	0.01864
100	Rubber tubes- not for tyres	0.05076
	c. Manufacture of plastics products	1.41776
101	Plastic furniture	0.04680
102	Plastic tube (flexible/non-flexible)	0.07563
103	Plastic tape	0.01448
104	Plastic tank	0.03701
105	Acrylic/plastic sheet	0.01563
106	Plastic button	0.00721
	(M). MANUFACTURE OF OTHER NON-METALLIC MINERAL PRODUCTS	3.20176
	a. Manufacture of glass and glass products	0.29504
107	Ordinary sheet glass	0.00555
	b. Manufacture of refractory products	0.22322
108	Plain bricks	0.03659
	c. Manufacture of clay building materials	0.12113
109	Porcelain sanitary ware	0.12113
	d. Manufacture of other porcelain and ceramic products	0.22247
	e. Manufacture of cement, lime and plaster	1.64480
110	Cement Superfine	0.07761
	f. Manufacture of articles of concrete, cement and plaster	0.29248
111	Cement blocks (concrete)	0.04345
	h. Manufacture of other non-metallic mineral products	0.16911
	(N). MANUFACTURE OF BASIC METALS	9.64632
	a. Inputs into steel making	1.41103
112	Silicomanganese	0.21885
	e. Mild Steel - Flat products	1.14442
113	Steel cables	0.05514
	g. Stainless Steel - Semi Finished	0.92396
114	Stainless Steel Pencil Ingots/Billets/Slabs	0.41164

S. No.	NAME OF COMMODITIES	Weights
115	Stainless Steel Coils, Strips & Sheets	0.02925
	h. Pipes & tubes	0.20534
116	Galvanized iron pipes	0.00075
	i. Manufacture of non-ferrous metals incl. precious metals	1.69264
117	Aluminium powder	0.09148
118	Aluminium Disk and Circles	0.03952
119	Brass metal/sheet/coils	0.01026
	j. Castings	0.92451
120	MS castings	0.78655
	k. Forgings of steel	0.27051
121	Steel forgings - rough	0.27051
	(O). MANUFACTURE OF FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT	3.15498
	a. Manufacture of structural metal products	1.03144
122	Metal cutting tools & accessories	0.00124
	b. Manufacture of tanks, reservoirs and containers of metal	0.65951
123	Stainless steel tank	0.02420
	c. Manufacture of steam generators, except central heating hot water boilers	0.14462
124	Auxiliary plant for use with boilers	0.02212
	d. Forging, pressing, stamping and roll-forming of metal; powder metallurgy	0.38342
125	Forged Steel Rings	0.20446
	e. Manufacture of cutlery, hand tools and general hardware	0.20758
126	Stainless steel razor	0.11854
127	Iron/steel hinges	0.00300
128	Copper bolts, screws, nuts	0.00012
	f. Manufacture of other fabricated metal products	0.72841
129	Hand tools	0.27659
130	Iron/steel cap	0.01294
131	Sanitary fittings of Iron & Steel	0.06251
132	Steel door	0.00850

S. No.	NAME OF COMMODITIES	Weights
133	Hose pipes in set or otherwise	0.09066
	(P). MANUFACTURE OF COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS	2.00875
	b. Manufacture of computers and peripheral equipment	0.33637
134	Laptops	0.19068
	c. Manufacture of communication equipment	0.30998
135	Modems	0.00420
	f. Manufacture of watches and clocks	0.07551
136	Clock	0.00513
	g. Manufacture of irradiation, electromedical and electrotherapeutic equipment	0.05546
137	Electro-diagnostic apparatus, used in medical, surgical, dental or veterinary sciences	0.04848
	h. Manufacture of optical instruments and photographic equipment	0.00751
138	Microscope	0.00450
139	Sunglasses	0.00301
	(Q). MANUFACTURE OF ELECTRICAL EQUIPMENT	2.92970
	a. Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	1.29789
140	Cooling tower	0.00949
141	Rotor/magneto rotor assembly	0.00680
142	Multimeter	0.00014
143	Solenoid valve	0.00460
	b. Manufacture of batteries and accumulators	0.23573
144	Lead acid batteries for vehicles & other uses	0.00039
145	Electric accumulators	0.00207
	e. Manufacture of wiring devices, electric lighting & display equipment	0.26294
146	Electrical ballast & chokes	0.00346
	f. Manufacture of domestic appliances	0.36600
147	Air Coolers	0.00697
148	Geyser	0.00269
149	Domestic gas stove	0.00949

S. No.	NAME OF COMMODITIES	Weights
150	Electric heaters	0.04214
	(R). MANUFACTURE OF MACHINERY AND EQUIPMENT	4.78899
	a. Manufacture of engines and turbines, except aircraft, vehicle and two wheeler engines	0.63840
151	Steam Turbines	0.02536
	b. Manufacture of fluid power equipment	0.16151
152	Water pump	0.07690
	c. Manufacture of other pumps, compressors, taps and valves	0.55183
153	Air or vacuum pump	0.17456
154	Gasket kit	0.04124
	d. Manufacture of bearings, gears, gearing and driving elements	0.34015
155	Motor Starter	0.04757
156	Clutches and shaft couplings	0.01187
	e. Manufacture of ovens, furnaces and furnace burners	0.00837
157	Furnaces & Ovens	0.00837
	g. Manufacture of office machinery and equipment	0.00582
158	Reprographic machine and scanners	0.00582
	h. Manufacture of other general-purpose machinery	0.43675
159	Air filters	0.25613
160	Air conditioning plant	0.00015
161	Oil pump	0.00200
162	Deep freezers	0.01599
163	Water purifier	0.02307
	i. Manufacture of agricultural and forestry machinery	0.83265
164	Soil preparation & cultivation machinery (other than tractors)	0.03840
	j. Manufacture of metal-forming machinery and machine tools	0.22363
165	Grinding or polishing machine	0.02477
166	Precision machinery equipment/Form tools	0.11948

S. No.	NAME OF COMMODITIES	Weights
	k. Manufacture of machinery for mining, quarrying and construction	0.37079
167	Dumper	0.06785
168	Road roller	0.00995
	l. Manufacture of machinery for food, beverage and tobacco processing	0.22793
169	Pressure vessel and tank for fermentation & other food processing	0.05469
170	Machinery used in the milling industry	0.02217
	m. Manufacture of machinery for textile, apparel and leather production	0.19214
171	Open end spinning machinery	0.13728
172	Roller mill (Raymond)	0.00190
173	Printing machinery	0.04184
	n. Manufacture of other special-purpose machinery	0.46834
174	Pharmaceutical Machinery	0.19273
175	Packing machine	0.01276
176	Evaporator	0.08073
	o. Manufacture of renewable electricity generating equipment	0.04559
177	Windmill turbines (2500KW)	0.01977
	(S). MANUFACTURE OF MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS	4.96853
	a. Manufacture of motor vehicles	2.60026
178	Light, medium & heavy commercial vehicles	0.69584
	b. Manufacture of parts and accessories for motor vehicles	2.36827
179	Shock absorbers	0.10028
180	Brake pad/brake liner/brake block/Brake rubber, others	0.10145
181	Release valve	0.00101
182	Seat for motor vehicles	0.15245
	(T). MANUFACTURE OF OTHER TRANSPORT EQUIPMENT	1.64777
	a. Building of ships and floating structures	0.11734
183	Fishing vessels, trawlers	0.11340

S. No.	NAME OF COMMODITIES	Weights
	b. Manufacture of railway locomotives and rolling stock	0.10979
184	Wagons	0.06331
185	EMU coaches	0.02715
186	Diesel/Electric locomotive	0.01891
	(U). MANUFACTURE OF FURNITURE	0.72672
	a. Manufacture of furniture	0.72672
187	Plastic fixtures	0.09781
188	Steel shutter gate	0.06840
189	Hospital furniture	0.00087
190	Foam and rubber mattress	0.10674
	(V). OTHER MANUFACTURING	1.06417
	b. Manufacture of musical instruments	0.00124
191	Stringed musical instruments (incl. Santoor, Guitars, etc.)	0.00124
	c. Manufacture of sports goods	0.01238
192	Sports goods of rubber (incl. balls)	0.00367
193	Cricket ball	0.00023
194	Cricket Bat	0.00206
195	Table Tennis Table	0.00080
	d. Manufacture of games and toys	0.00476
196	Playing Cards	0.00207
197	Carrom board	0.00045
198	Non Mechanical Toys	0.00014
	e. Manufacture of medical and dental instruments and supplies	0.04941
199	Intraocular Lens	0.04941

Broad Group Wise Weights and Price Quotations

Major Groups/Groups	Weight		No. of Items					No. of Quotations	
	2004-05	2011-12	2004-05	2011-12	Common	Dropped /Revised	New added/ revised	2004-05	2011-12
All Commodities	100.000	100.000	676	697	498	146	199	5482	8331
Primary Articles	20.118	22.618	102	117	92	9	25	579	983
Food Articles	14.337	15.256	55	76	56	0	20	431	784
Non Food Articles	4.257	4.119	29	28	27	1	1	108	146
Minerals	0.623	0.833	17	11	8	8	3	36	33
Crude Petroleum & Natural Gas	0.900	2.410	1	2	1	0	1	4	20
Fuel and Power	14.910	13.152	19	16	15	2	1	72	442
Coal	2.094	2.138	4	5	5	1	0	20	127
Mineral Oils	9.364	7.950	10	10	9	1	1	47	266
Electricity	3.452	3.064	5	1	1	0	0	5	49
Manufactured Products	64.972	64.230	555	564	391	135	173	4831	6906
Food Products	9.972	9.122	57	60	43	11	17	406	1196
Beverages	1.762	0.910	15	7	6	1	1	102	181
Tobacco Products	NA	0.514	NA	3	3	NA	0	NA	51
Textiles	7.326	4.881	55	25	19	11	6	457	433
Wearing Apparel	NA	0.814	NA	8	7	NA	1	NA	113
Leather and Related Products	0.835	0.535	13	11	8	4	3	91	143
Wood and Products of Wood and Cork	0.587	0.772	10	10	6	2	4	64	139
Paper and Paper Products	2.034	1.113	18	20	17	3	3	138	218
Printing and Reproduction of Recorded Media	NA	0.676		7	4	NA	3	NA	97
Chemical and Chemical Products	12.018	6.465	107	77	69	38	8	1111	1015
Pharmaceuticals, Medicinal Chemical and Botanical Products	NA	1.993	NA	23	5	NA	18	NA	166
Rubber and Plastics Products	2.987	2.399	45	38	22	13	16	351	448
Other Non-Metallic Mineral Products	2.556	3.20 2	26	26	21	7	5	225	382
Basic Metals	10.748	9.646	69	41	31	10	10	696	525

Major Groups/Groups	Weight		No. of Items					No. of Quotations	
	2004-05	2011-12	2004-05	2011-12	Common	Dropped /Revised	New added/revised	2004-05	2011-12
Fabricated Metal Products, Except Machinery and Equipment	NA	3.155	NA	27	15	NA	12	NA	215
Computer, Electronic and Optical Products	NA	2.009	NA	18	12	NA	6	NA	105
Electrical Equipment	NA	2.930	NA	48	37	NA	11	NA	468
Machinery and Equipment	8.931	4.789	107	61	34	27	27	903	516
Motor Vehicles, trailers and Semi-Trailers	5.213	4.969	33	24	19	8	5	287	264
Other Transport Equipment	NA	1.648	NA	11	7	NA	4	NA	64
Furniture	NA	0.727	NA	6	2	NA	4	NA	87
Other Manufacturing	NA	1.064	NA	13	4	NA	9	NA	80

List of Items dropped from the WPI Series (2004-05)

S.NO.	NAME OF COMMODITY	WEIGHT(2004-05)
1	Logs & Timber	0.08803
2	Copper Ore	0.15892
3	Gypsum	0.00236
4	Kaolin	0.00616
5	Dolomite	0.00442
6	Magnesite	0.00811
7	Barytes	0.00249
8	Steatite	0.00085
9	Graphite	0.00077
10	Coke	0.62494
11	Light Diesel Oil	0.11889
12	Vegetables Seeds	0.09239
13	Other Grain Mill Products	0.05053
14	Khandsari	0.06133
15	Gingelly Oil	0.05128
16	Groundnut Oil Cake	0.04463
17	Other Oil Cakes	0.18858
18	Tea Leaf (Blended)	0.27219
19	Tea Leaf (Unblended)	0.18048
20	Cashew Kernel	0.38299
21	Papad	0.08081
22	Cashew nut (Roasted)	0.01367
23	Non-Alcoholic Beverages (All Types)	0.01936
24	Grey Cloth (Bleached / Unbleached)	0.11447
25	Cotton Linters	0.02472
26	Polyester Yarn	0.52594
27	Nylon Yarn	0.08589
28	Mixed Fabrics	0.13711
29	Nylon Thread	0.02202
30	Other Woollen Garments	0.01677
31	Terene Garments	0.14791
32	Cotton Under Garments	0.02955
33	Cotton Pillow Cover	0.01454
34	Cotton Dressing Gown	0.02754
35	Wooden Almirah / Cabinets/ Cupboard	0.01439

S.NO.	NAME OF COMMODITY	WEIGHT(2004-05)
36	Insulation Board	0.07262
37	Paper Cone & Tube	0.03358
38	Paper Pulp	0.00697
39	Other Printing and Publishing	0.07569
40	Leather Shoe lining	0.01444
41	Leather Chappals/ sandals	0.02578
42	Other Leather Foot Wear	0.09486
43	Leather Bags	0.02739
44	Other Rubber Tubes	0.00966
45	Rigid PVC	0.11032
46	Polythene/Plastic Granules	0.07706
47	Plastic/ PVC Suitcases	0.01501
48	Dot pen with refill	0.06091
49	Plastic Rolls	0.08010
50	Polythene/PVC Foam	0.02016
51	Other Plastic Products	0.08340
52	Rubber Seat Assembly	0.17147
53	Rubber Foot wear	0.09692
54	Reclaimed Rubber	0.01381
55	Automobile Rubber Padding	0.02067
56	Other Rubber Products	0.07523
57	Acid (Inorganic)	0.17510
58	Alumina & Aluminium Salt	0.06033
59	Zirconion Silicate	0.00440
60	Titanium Dioxide	0.04102
61	Sodium Salt	0.06629
62	Carbon Di-Sulphide	0.00504
63	Carbon Dioxide Gas	0.00696
64	Hydrogen	0.00504
65	Fatty Alcohol	0.07987
66	Essence/Flavour used in food products.	0.01563
67	Ice Block/ Cube (non edible)	0.04640
68	Brine Water / Distilled Water	0.01805
69	Formaldehyde	0.02056
70	Acid (Organic)	0.03369
71	Leather Chemicals	0.02635
72	Petrochemical Building Blocks	0.64780
73	Dicalcium Phosphate	0.00924
74	Organic Manure	0.22135

S.NO.	NAME OF COMMODITY	WEIGHT(2004-05)
75	Endosulfan	0.01688
76	Other Pesticides	0.22911
77	Distemper	0.00777
78	Thinner	0.01574
79	Others	0.06873
80	Floor Cleaners	0.00405
81	Bleaching Powder	0.01237
82	Other Flavoured Powder	0.00646
83	Wax	0.04327
84	Turpentine Oil	0.03956
85	Other Plastic Chemicals	0.10647
86	Polymers	0.59386
87	Synthetic Resin	0.29233
88	Polymer Products	0.01905
89	Non-Cyclic Compound	0.42764
90	Polyol	0.05757
91	Sulphur & Sulphur Powder	0.02197
92	Photographic Goods	0.20139
93	Yeast used in Food Industry	0.00668
94	Hardeners	0.01201
95	Laminated Glass	0.01765
96	Pressed Glassware	0.02517
97	Non-Ferrous Sanitary fittings	0.01838
98	Graphite Amorphous	0.00715
99	Pencil	0.00643
100	Hume Pipes & Spun Pipes	0.01928
101	Other Cement Product,	0.05436
102	Melting Scrap	0.09544
103	Rebars	0.73617
104	Aluminium Seals	0.01101
105	Aluminium Pipe & Tubes	0.01572
106	Non-Ferrous Casting & Forging	0.03938
107	Other Metal Wires & Wire products	0.05047
108	Fabricated Metal Products	0.12246
109	Metal Moulds and Dyes	0.04029
110	Safety Helmet	0.00093
111	Other Metal Products	0.07606
112	Textile Machinery	0.15094
113	Rubber Machinery	0.01243

S.NO.	NAME OF COMMODITY	WEIGHT(2004-05)
114	Oil Mill Machinery	0.01034
115	Food/ Beverages/Tobacco Processing Machinery	0.00563
116	Fasteners	0.05638
117	Heat Exchanger	0.08097
118	Other Industrial Machinery	0.26116
119	Other Construction Machinery / Equipment	0.02198
120	Weighing Scales	0.01383
121	Other Non Electrical Machinery	0.44782
122	Electrolytic Condensers	0.00898
123	Control equipment	0.25827
124	Regulators	0.04590
125	Electrical Signaling Equipment	0.00661
126	Battery Charger	0.01705
127	Other Electric Machinery & Equipment	0.10601
128	Other Electric Accessories	0.11644
129	Flash Light/ Torch	0.01289
130	T.V. Accessories	0.17012
131	Sensors	0.00856
132	Optical Instruments	0.00810
133	Video CD Player	0.00879
134	Computer Power Supply System (SMPS)	0.03223
135	Other Electronics Items	0.11364
136	Telecommunication Exchange	0.04197
137	Dish Antenna	0.00781
138	Other Communication Equipment	0.06843
139	Carburetors	0.01690
140	Slider	0.00109
141	Gauges	0.00112
142	Geared Motor	0.00598
143	Electric Magnet Brakes	0.00790
144	Horn	0.00538
145	Railway Axle & wheel	0.03183
146	Other Rail Equipment	0.00812