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## Chapter I

### ***INTRODUCTION***

#### 1.1. Importance of Wholesale Price Index

1.1.1. In a dynamic world, prices do not remain constant. Inflation rate calculated on the basis of the movement of the Wholesale Price Index (WPI) is an important measure to monitor the dynamic movement of prices. As WPI captures price movements in a most comprehensive way, it is widely used by Government, banks, industry and business circles. Important monetary and fiscal policy changes are often linked to WPI movements. Similarly, the movement of WPI serves as an important determinant, in formulation of trade, fiscal and other economic policies by the Government of India. The WPI indices are also used for the purpose of escalation clauses in the supply of raw materials, machinery and construction work.

#### 1.2. Nodal Office for Compilation of WPI

1.2.1. 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 Office published for the first time, the index number of wholesale prices, with 'base week' ended August 19, 1939=100, from the week commencing January 10, 1942. Since 1947 the index is being published regularly.

#### 1.3. Need for a periodic revision in the base year of WPI

1.3.1. Over time economies undergo structural changes. This is truer 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 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 at one point of time, become

obsolete in a short span of time and their places get occupied by altogether different items.

1.3.2. An implicit disadvantage of Laspeyre's formula, the methodology used for compiling the WPI, is that the indices with fixed weighting diagram fail to capture the dynamic changes in product mix and structure of the economy over time. It has, therefore, been the practice to revise the weighting diagram and the series of WPI based on the recommendations of a Working Group appointed by the Government, roughly once every decade. Ever since the introduction of the WPI on a regular basis, six revisions have taken place introducing the new base years, viz., 1948- 49, 1952- 53, 1961- 62, 1970- 71, 1981- 82 and 1993- 94.

1.4. Need for revisiting the present base year 1993- 94

1.4.1. The set of Wholesale Price Index numbers with base year 1993- 94 was introduced with effect from April, 2000. Significant structural changes have taken place in the Indian economy since then. Therefore, it has become necessary to revisit a range of issues including examination of the coverage of commodities, base year, and weighting diagram and other related issues pertaining to the existing series of Index numbers of Wholesale Price in India (Base 1993- 94=100).

1.5. Notification of the Working Group and terms of reference

1.5.1. A new Working Group for the revision of the current series of the Wholesale Price Index Numbers (Base: 1993- 94= 100) was constituted under the Chairmanship of Prof. Abhijit Sen, the then Professor of Jawahar Lal Nehru University, New Delhi, vide Department of Industrial Policy & Promotion (Office of the Economic Adviser) O.M. No. 7/ 1/ 2002/ EAPM/ WG/ Ec.Ad. dated December 26, 2003. 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 changes 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 composition of the Working Group.

1.5.2. The Working Group was assigned with a wider terms of reference. It has been asked, inter alia, to specially look into two new areas, namely,

- the feasibility of compiling a Producer Price Index (PPI) and switching over from WPI to PPI, leading to introduction of Stage of Processing Index (SOP), aimed at avoiding multiple counting and measuring inflation based on finished goods, and
- the feasibility of extending the coverage of WPI/ PPI particularly to include services sector, aimed at generating a broad-based indicator of inflation and a comprehensive deflator for Gross Domestic Product (GDP).

1.5.3. 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 Prices (WPI) in India.
- To examine the need for switching over from wholesale price based price index (WPI) to producer price based price Index (PPI) and suggests further improvements based on the IMF's PPI Manual.
- To review commodity basket of the current series of WPI and suggest additions/ deletions of commodities in the light of structural changes in the economy witnessed since 1993- 94.
- To decide the period most relevant for calculating value of Transaction/ Production of commodities for obtaining weight
- To evolve a suitable system for allocation of weight to the various commodities to be included in the WPI basket.
- To suggest grades/ varieties of commodities, their markets/ centres/ sources for obtaining weekly prices quotations and also effective method of price collection.
- To review issues relating to the method of WPI compilation with special reference to seasonal items, administered articles and other related issues.
- To suggest methods of adding new products gaining importance after introduction of revised series and assigning weights to the added products.
- To suggest methods for including imported products.
- To suggest suitable statistical technique to adjust for changes in the quality of products.
- To suggest any other improvements as may be necessary for enhancing the reliability of the official series of Wholesale Price Index.
- To explore possibility of inclusion of selected services in the WPI basket.
- To advise on substitution of existing items/ varieties centres in case of non-reporting of price data on regular basis.
- To examine issues regarding changes in sources of the price information.

- To set up sub- group(s) for undertaking studies requiring specific details.
- To suggest measures for strengthening of computer network for price data collection.
- To suggest measures for strengthening of price data collection system.

## ***HISTORY OF THE WHOLESALE PRICE INDEX IN INDIA***

- 2.1 The Office of the Economic Adviser to the Government of India undertook to publish for the first time, an index number of wholesale prices, with base week ended August 19, 1939 = 100, from the week commencing January 10, 1942. The index was calculated as the geometric mean of the price relatives of 23 commodities classified into four groups: (1) food & tobacco; (2) agricultural commodities; (3) raw materials; and (4) manufactured articles. Each item was assigned equal weight and for each item, there was a single price quotation. That was a modest beginning to what became an important weekly activity for the monitoring and management of the Indian economy and a benchmark for business transactions.
- 2.2 A new 'food articles' index was prepared in 1945 having a wider coverage, with the last week of August, 1939 as the base. This index was calculated as a weighted geometric mean of price relatives, the weights being proportional to the values of marketable surplus of the various commodities during 1938-39. The base period of the index was subsequently shifted to the year ending August, 1939. Subsequently, the scope of 'food articles' group was expanded to cover other groups besides food articles. Since 1947, the Office of the Economic Adviser started publishing regularly, on a weekly basis, a series of weighted index number of wholesale prices with the year ended August, 1939 as the base period. This series included as many as 78 commodities, covering 215 individual quotations, classified into five groups : (1) Food articles; (2) Industrial raw materials; (3) Semi-manufactures; (4) Manufactures; and (5) Miscellaneous. The index was a weighted geometric mean of price relatives. The series lasted till March, 1956.
- 2.3 The pre-Independence period WPI indices naturally represented undivided India making it necessary to revise the index soon after Independence. In accordance with the recommendations of the Standing Committee of the Departmental Statisticians, the Economic Adviser's Office issued a revised series of index, with 1952-53 as price base and 1948-49 as weight base, consisting of 112 commodities, and 555 individual quotations. The commodities were classified into five groups: (1) Food Articles; (2) Liquor & Tobacco; (3) Fuel, Power, Light & Lubricants; (4) Industrial Raw Materials; and (5) Manufactures. Cereals were covered comprehensively on the basis of the markets specified by the Agricultural Prices Enquiry Committee. As regards other agricultural commodities, markets were chosen in consultation with the Ministry of Agriculture. Non-agricultural commodities were selected on the basis of the availability of price data at producing and consuming centers. Markets were selected on the basis of the suggestions given by state governments and various organizations like the chambers of commerce and trade associations. The weighted arithmetic average was adopted in preference to the weighted geometric mean used

for the earlier series. This series was issued regularly every week from April, 1956 to September, 1969.

- 2.4 While the 1952-53 series (with 1948-49 weight base) comprehensively covered agricultural commodities, the coverage of non-agricultural commodities was becoming increasingly inadequate. With a view to removing this deficiency, the Government of India constituted a committee for improving the coverage and mode of collection of price quotations of non-agricultural commodities. On the basis of the recommendations made by this committee, a new series of index numbers of wholesale prices with base 1961-62 = 100 was issued from July, 1969. This series lasted till December, 1976. It covered 139 commodities and 774 quotations. In the matter of commodity classification the 'Standard International Trade Classification' (SITC) with slight alterations made to fit in with the Indian conditions was followed. Accordingly, commodities were classified into seven groups : (1) Food Articles; (2) Liquor & Tobacco; (3) Fuel, Power, Light and Lubricants; (4) Industrial Raw Materials; (5) Chemicals; (6) Machinery & Transport Equipment and (7) Manufactures.
- 2.5 While introducing the series with base 1961-62, it was decided to constitute a working group to go into the methodological aspects of the index relating to the revised series, with a more recent year as the base. Accordingly, a new series, with the base year as 1970-71, was introduced in January, 1977 on the recommendations of the Working Group on Revision of Index Numbers of Wholesale Prices. The coverage of this series was much wider as it included 360 items and 1295 price quotations.
- 2.6 The selection of items to be included in this series was based on systematic criteria. As regards the non-agricultural items, those with a total value of production of more than one crore of rupees each according to the Annual Survey of Industries, 1965, and also items whose indigenous outputs were small but imports were substantial, were generally included, subject to the availability of price data. In the case of agricultural sector, selection of commodities was done in consultation with the Directorate of Economics & Statistics, Ministry of Agriculture. These were significant steps in the evolution of a scientific method of index number compilation.
- 2.7 In all the previous series, the weighting system was based on the value of transactions of only those commodities which featured in the index. In the 1970-71 series, weights were assigned on the basis of the entire wholesale transactions in the economy and, for this purpose, the values of transactions of the non-selected commodities (which did not find place in the index) were assigned to those selected commodities whose nature and price trends were similar. This was an important modification in arriving at a more representative sample of weights for the WPI. Another improvement introduced was in the system of allocation of weights to the individual commodities. As far as possible, all identifiable items which were treated as quotations (without a separate weight) in the earlier series were treated as separate commodities and weights were assigned to all of them.

2.8 The weights in this series (base 1970-71) were based on the value of transaction consisting of : (a) Value of marketable surplus in the case of agricultural commodities and value of products for sale in the case of manufactured products, (b) total value of imports, including import duties, if any, and (c) total value of excise duty, if applicable. In the agricultural sector, individual commodities were assigned weights in proportion to the average value of marketable surplus during the three year period ending 1969-70, worked out on the basis of available data. In the 'minerals' and 'fuel, power, light and lubricants' groups also, the allocation of weights to individual commodities was generally based on the average value of production in the three year period ending 1969-70. In the case of 'Manufactured Products", however, the value of production based on the ASI- 1968 data was used for deriving the weighting pattern.

2.9 In the 1970-71 series, the 'National Industrial Classification' (NIC) was adopted to bring about a greater uniformity with the classification followed in some other important indices like the Index of Agricultural Production, Index of Industrial Production, etc. In this classification, all the commodities whether domestically produced or imported and available for sale in primary markets were grouped under three major groups, viz.,

A: Primary Articles.

B: Fuel, Power, Light & Lubricants, and

C: Manufactured products.

- The major group 'Primary Articles' comprised three groups, viz, (i) Food Articles, (ii) Non- Food Articles and (iii) Minerals.
- The major group 'Fuel, Power, Light and Lubricants' in the 1970-71 series consisted of coal, coke, lignite, mineral oils and electricity.
- The major group 'Manufactured Products' contained eleven groups, viz., (1) Food Products, (2) Beverages, Tobacco and Tobacco products, (3) Textiles, (4) Paper and paper products, (5) Leather & Leather products, (6) Rubber and Rubber products, (7) Chemicals and Chemical products, (8) Non- Metallic Mineral products, (9) Basic Metals, Alloys and Metal products (10) Machinery and Transport Equipment and (11) Miscellaneous products.

2.10 The Wholesale Price Index Series underwent another restructuring in terms of its base and weighting diagram from the beginning of 1989. For this purpose, the choice of the base year was narrowed down to that between 1978-79 and 1981-82, and the latter year was chosen as the appropriate base. It was perceived to be so on three major counts viz., (a) it was a normal year in terms of price and production data; (b) it was closer to the actual data period of the 1990s; and, (c) it was close to the base year of other revised index series commonly in use for economic decision making.

- 2.11 The new series with 1981-82 as the base year continued the conceptual tradition that has been followed by its predecessors. However, some significant innovations were made in the attempt to restructure the series; they also related to the breadth of coverage of commodities and composition of groups of commodities. As against 360 items in the 1970-71 series, the 1981-82 series included 447 distinct commodities. The commodity coverage in terms of the total number of items thus increased by a total of 87. This was the net result of the addition of 75 new items, the splitting of a group of 32 items of the earlier series into 100 distinct items and the amalgamation of 4 of the then existing items into 2 of the new series; in view of the structural changes, 54 items were deleted from the 1970-71 series for the compilation of the new series. The number of price quotations increased from 1295 of the earlier series to 2371 in the revised series. The new series represented the underlying economic activity more accurately and adequately, presumably in a more representative manner.
- 2.12 For the preparation of the weighting diagram, weights were assigned on the basis of the value of wholesale transactions for the economy. Each selected item was allocated a weight that is proportional to its share in the total value of output in the economy. The value of output of the non-selected items was distributed to those of the selected ones whose nature and price trends were considered similar.
- 2.13 Within the agricultural sector, individual commodities were assigned weights on the basis of the average value of marketed/marketable surplus through the triennium ending 1981-82. The 1981-82 series utilised as an innovation the marketed surplus ratios pertaining to the base year as against the marketable surplus ratios based on the surveys conducted in 1950s and early 1960s for the series it replaced. In addition, the revised series mostly used the marketed surplus ratios instead of marketable surplus ratios; the weight of opinion is overwhelmingly in favour of using the first concept in preference to the second one. For manufactured products, the value of production as per the ASI, 1980-81 have been used in the compilation of weights. A distinct improvement in the 1981-82 series was the inclusion of the value of output of the unorganized/unregistered manufacturing sectors for assigning weights to various products. Even though it is argued that price trends in the two segments of manufacturing industry tend to move in tandem, the unassigned weights belonging to the unorganized/unregistered sector could impart a significant downward bias to the share of manufacturing output in the total economy. This possible source of correction has been reflected in the weighting diagram that has ultimately emerged in the 1981-82 series as compared with its predecessor.
- 2.14 The manufactured products were classified by the same National Industrial Classification (NIC) as had been done earlier. This had facilitated an undisturbed comparison with the past while moving commodities and groups of commodities to the appropriate class where such a move was warranted. Overall, the complete list of 447 commodities of the 1981-82 base was split into three major sectors of the

economy : (I) Primary Articles; (II) Fuel, Power, Light and Lubricants; and, (III) Manufactured Products.

- 2.15 The Primary Articles sector was further split into (i) Food Articles (ii) Non-food Articles and (iii) Minerals. The Manufactured Products sector has been sub-divided into 13 sectors, two more in number than in the preceding series. These were (1) Food products; (2) Beverages, tobacco and tobacco products; (3) Textiles; (4) Food and food products; (5) Paper and paper products; (6) Leather and leather products; (7) Rubber and rubber products; (8) Chemicals and chemical products; (9) Non-metallic mineral products; (10) Basic metals, alloys and metal products; (11) Machinery and machine tools; (12) Transport equipment and parts; and (13) Other miscellaneous manufacturing industries. In all, there were 334 items in the Manufactured Products list, 20 items in the Fuel, Power, Light and Lubricants list and 93 items in the primary articles list, altogether adding up to 447 for the 1981-82 base.
- 2.16 There was no change in the method of compilation in the 1981-82 series from what has been followed in the past. It was calculated on the principle of weighted arithmetic mean and using the Laspeyre's formula, which has a fixed base-year weighting diagram operative through the entire life span of the series.
- 2.17 Next revision was made with base year 1993-94 and it came into effect from April, 2000. The basket has been kept divided into three major sectors of "primary articles", "fuel, power, light and lubricants" and "manufactured products". In case of "manufactured products" the classification that was used in the 1981-82 series has been retained, but the last category, "other miscellaneous manufactures" has been dropped due to problems encountered in representativeness of individual items in its fold, and its weight has been distributed across other remaining categories of manufactured products on a pro-rata basis. There are thus 12 categories of manufactured products in the 1993-94 series which are identical with the first 12 categories of the 1981-82 series as listed above. There are altogether 435 articles/items in the new series, comprising of 98 primary articles 19 items of "fuel, power, light and lubricants" and 318 manufactured items.
- 2.18 An important advance made in the 1993-94 series was with respect to the mode of compilation of the weekly price index. It made a major break from the traditional manual method by using desktop calculators to the use of high speed computers with the assistance of the National Informatics Center (NIC), which developed a comprehensive software package custom-made for this purpose. This has allowed for considerable advance in terms of scope, coverage, accuracy and the potential for further analysis and research on both the price series and a wide variety of analytical studies based on rich information contained in the time series data.
- 2.19 Since October 2009, release of WPI has been changed from weekly to monthly as per decision taken by Cabinet Committee on Economic Affairs (CCEA). However, WPI for 'Primary Articles' and 'Fuel & Power' is continued to be released on weekly basis.

2.20 Latest revision of WPI has been done by shifting base year from 1993-94 to 2004-05. A Working Group was set up with Prof. Abhijit Sen, Member, Planning Commission as Chairman for revision of WPI series. The Working Group submitted its Technical Report with a recommendation to change the base year from 1993-94 to 2004-05. Technical Advisory Committee on Statistics of Prices and Cost of Living (TAC on SPCL) chaired by Director General, CSO approved in its meeting on 31.12.2009 the new base year, selection of commodity basket and derivation of weighting diagram. Committee of Secretaries (CoS) in its meeting on 9th August, 2010 has finally approved the release of new series and directed to release it on 14th September 2010. Accordingly WPI of the new series [with base year 2004-05] was launched on 14th September, 2010.

2.21 A representative commodity basket comprising 676 items has been selected and weighting diagram has been derived for the new series consistent with the structure of the economy. The number of quotations selected for collecting price data for the above items is 5482.

2.22 A comparative statement of weights, no of items and no of quotations between the old series and new series is given for the major groups in the table below:

Major Group / Group	Weight		No. of items		No. of Quotations	
	2004-05	1993-94	2004-05	1993-94	2004-05	1993-94
All Commodities	100.00	100.00	676	435	5482	1918
I Primary Articles	20.12	22.02	102	98	579	455
II Fuel & Power	14.91	14.23	19	19	72	72
III Manufactured Products	64.97	63.75	555	318	4831	1391

2.23 The above evolution of WPI in India may be summed up in the following table:

Base:-	Year of Introduction	No. of items	No. of price quotations
week ended 19th August, 1939	10th January, 1942	23	23
End August, 1939	1947	78	215
1952-53 (1948-49 as weight base)	1952	112	555
1961-62	July, 1969	139	774
1970-71	January, 1977	360	1295
1981-82	July, 1989	447	2371
1993-94	April, 2000	435	1918
2004-05	September, 2010	676	5482



## Chapter III

### CONCEPT AND METHODOLOGY

#### 3.1. About the Price Index

3.1.1. The price index is an indicator of the average price movement over time of a fixed basket of goods and services. The constitution of the basket of goods and services is done keeping in to consideration whether the changes are to be measured in retail, wholesale or producer prices etc. The basket will also vary for economy- wide, regional, or sector specific series. At present, separate series of index numbers are compiled to capture the price movements at retail and wholesale level in India. There are four main series of price indices compiled at the national level. Out of these four, Consumer Price Index for Industrial Workers (CPI- IW) and Consumer Price Index for Agricultural Labourers / Rural Labourers (CPI - AL/ RL), are consumer price indices. The Wholesale Price Index (WPI) number is a measure of wholesale price movement for the economy. Some States also compile variants of CPI and WPI indices at the State level

#### 3.2. Universe of Wholesale Price Index in the new series:

3.2.1. The concept of wholesale price has hitherto covered the general idea of capturing all transactions carried out in the domestic market. The weights of the WPI do not correspond to contribution of the goods concerned either to value-added or final use. In order to give this idea a more precise definition, it was decided to define the universe of the wholesale price index as comprising as far as possible all transactions at first point of bulk sale in the domestic market.

#### 3.3. Treatment of export and import:

3.3.1. In the 1993-94 series, the traded value (used for derivation of weighting diagram) was computed by subtracting exports from the domestic production and adding imports to the domestic production (Production + Import- Export). This method of computing the traded value had an inherent bias since all exports are not necessarily direct exports without getting traded in the economy. The Working Group on the new series, therefore, decided that while computing the domestically traded value, only the direct export from the factories should be excluded. Similarly, import of goods which reach the factory directly (without being traded in the economy) should not be added to domestic production.

#### 3.4. Treatment of crude oil:

3.4.1. In the 1981-82 series, crude petroleum was included as an independent item in the mineral group of the major group Primary Articles. However, in the 1993-94 series, the crude petroleum was taken away from the mineral group as an independent item and its value was apportioned parametrically among the items in the mineral oils group of the major group Fuel, Power, Light & Lubricants. The Analytical Sub-Group of the Working Group for the new series observed that the prices of crude petroleum could now be collected from the open market which is interlinked with international market. Further, the existing practice of imputing crude oil weight to petroleum products leads to an upward bias in 'Fuel & Power' Group Index apart from the fact that the movement of crude oil prices and the prices of petroleum products may not be similar due to "pass-on" lag.

### 3.5. Classificatory System

3.5.1. The National Industrial Classification (NIC- 98) being generally followed in the current series in respect of manufactured products has been retained for the revised series also. This has been done with a view to maintaining continuity and to facilitate linking of the revised series with the current one. There is no change in the method of compilation of the index in the new series. It should, in any case, be possible to rearrange the classificatory system to suit one's requirements on the basis of the detailed individual commodity indices and their weights.

### 3.6. Selection of Basket

3.6.1. 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. 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 selection of varieties, markets etc. in respect of commercial crops like tea, coffee, jute, cotton, raw tobacco, raw silk and raw rubber has been done in consultation with the Tea Board, Coffee Board, Directorate of Jute Development of India, Cotton Corporation of India, Directorate of Tobacco Development, Rubber Board and Silk Board respectively.

3.6.2. For deciding on the inclusion of the mineral items, their grades, market centres, etc., the working Group has gone by the suggestions of the Indian Bureau of Mines. The Coal Controller office, M/o Coal has suggested the specifications to be selected for coal, coke and lignite and the Ministry of Petroleum and Natural Gas, for crude petroleum and other petroleum products. In respect of electricity, the suggestions

on this aspect have come from the Central electricity Authority.

3.6.3. As regards, selection of items under 'Manufactured Products' the Working Group has gone by the criterion of value of output as per Annual Survey of Industries conducted by CSO for the year 2004- 05. At first all the ASI items were classified into 12 groups under 'Manufactured Products' in WPI. Then, within each group, all the items were ordered 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 12 groups to select the items.

3.6.4. The selection of specifications in respect of manufactured products as also the selection of sources for supplying price data has been done from out of the top 10 manufacturers producing a particular item. At least 5 price quotations in respect of representative grades have been included in the index. In certain cases where it has not been possible to ensure a minimum of 5 price quotations, either because of the nature of the product or due to certain other reasons, as many price quotations as possible have been included.

### 3.7. Basket of Commodities

3.7.1. The New Series with 2004-05 as the base has 676 items in the commodity basket. A comparison of the number of items and price quotations at the level of the groups in the previous and the existing as well as in the revised base series is presented in Table-1. There has been a significant increase in number of items and price quotations for each item, particularly in the manufacturing segment to not only better reflect the structural shifts but also to make WPI more broad based.

	Number of Commodities				Number of price quotations			
	1970-71	1981-82	1993-94	2004-05	1970-71	1981-82	1993-94	2004-05
Major Group/Group	71	82	94	05	71	82	94	05
All Commodities	360	447	435	676	1295	2371	1918	5482
Primary Articles	80	93	98	102	411	519	455	579
Food Articles	39	44	54	55	264	320	340	431
Non Food Articles	26	28	25	29	115	132	96	108
Minerals	15	21	19	18	32	67	19	40
Fuel & Power	10	20	19	19	30	73	72	72
Manufactured Products	270	334	318	555	854	1779	1391	4831
Food Products	37	35	41	57	117	231	168	406
Beverages, Tobacco & Tobacco Products	8	7	11	15	19	39	49	102
Textiles	12	27	29	55	99	120	100	457

Wood & Wood Products	4	2	2	10	13	14	9	64
Paper & Paper Products	4	11	11	18	16	74	67	138
Leather & Leather Products	4	3	1	13	18	26	9	91
Rubber & Plastic Products	7	13	15	45	42	73	55	351
Chemicals & Chemical Products	67	77	69	107	182	428	276	1111
Non- Metallic Mineral Products	21	22	9	26	63	125	42	225
Basic Metals, Alloys & Metal Products	42	57	53	69	125	235	203	696
Machinery & Machine Tools	35	44	56	107	104	266	312	903
Transport Equipments & Parts	21	22	21	33	39	118	101	287

### 3.8. Weighting diagram

3.8.1. The weighting diagram for the new WPI series has been derived on the basis of Gross Value of Output (GVO). The output values at current prices, wherever available at appropriate disaggregation, have been obtained from the National Accounts Statistics (NAS), 2007 published by the Central Statistical Organization, Ministry of Statistics & Programme Implementation. The same have been reallocated and aggregated to conform to the structure of WPI basket. Detailed methodology of assigning weights was also included in the Report of the Working Group and can be accessed at [eaindustry.nic.in](http://eaindustry.nic.in). Specific group-wise approach for allocation of weights has been as under:

3.8.2. Primary Articles: In the case of agricultural and related commodities, the average value of output for the triennium ending 2005-06 (i.e., 2003-04, 2004-05 and 2005-06) has been derived by using the value of output at current prices for the relevant years obtained from the National Accounts Statistics 2007 (Statements - 55 & 56). The Marketed Surplus Ratios (MSRs) were supplied by the Sub-Group on Agricultural Commodities, which computed the MSRs for the agricultural and related commodities for the base year 2000-01, initially considered by the Working Group. The MSRs as supplied by the Sub-Group on Agriculture have been used for deriving the value of marketed output for the agricultural and related commodities for the base year 2004-05, as it was felt that the MSRs are unlikely to undergo any significant change within a short span of three to four years.

3.8.3. Minerals: Minerals is a group under the major group 'Primary Articles'. The value of output of minerals other than crude petroleum has been taken from the National

Accounts Statistics, 2007 (Statement - 59). Crude petroleum has also been now been shifted to 'minerals' in the revised series. The output value of domestically produced crude petroleum has been taken from the Indian Bureau of Mines (IBM) and has been added to the value of output of minerals other than crude to arrive at the total value of output of minerals in the new WPI basket.

- a. The value of imported crude has not been taken into account while deriving the weighting diagram for the crude petroleum 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 & Power.
- b. Fuel Minerals (coal, coke and lignite): The value of output for fuel minerals, i.e. coal, coke and lignite, has been taken from the NAS 2007(Statement 59). The export and import figures for fuel minerals have been taken from the Office of the Coal Controller, Calcutta. As in case of minerals (except crude petroleum), the imported fuel minerals are taken as traded in the domestic market and the export of such minerals are taken as direct exports from the mines for estimation of traded value figures for the fuel minerals.

3.8.4. Mineral oils: The value of mineral oils as a group as well as item-wise values of important mineral oils like petrol, diesel, naphtha, LPG, kerosene, lubricants etc. are not available in NAS 2007. The Ministry of Petroleum has made available the sales figures of the mineral oils by different oil companies for the year 2004-05. The Ministry has also provided the import and export figures for 2004-05 for such items. While computing the traded value of the items in the mineral oils group, the value of imports have not been included as the import figures are already included in the sales figures. It has been taken that the imported mineral oils are traded in the domestic market. The export of mineral oils has been treated as direct export for estimation of traded value figures for mineral oils and therefore subtracted from the sales value of the mineral oils to arrive at the traded value for mineral oils.

3.8.5. Electricity: The quantum and value of output of electricity generated and as used by different sectors, i.e. agriculture, industry, domestic, commercial and railways traction in the year 2004-05 was supplied by Central Electricity Authority (CEA) to the Office of Economic Adviser. The value of generation of electricity has been used for derivation of weight for the electricity group and the item level weights have been derived by distributing parametrically the group level weight amongst different sectors of use as per the quantum of generated electricity used by these sectors.

3.8.6. Manufactured Products: The National Accounts Statistics 2007 provides the NIC two

digit group wise output figures for 2004- 05 both for the registered (Statement 61) and unregistered (Statement 62- a) manufacturing sector. Necessary adjustments have been done in NIC group level output figures to arrive at the group level output figures for the 12 product groups of the 'Manufactured Products' major group of the WPI basket. Adjustments were required in the NAS group level output figures for a few groups to harmonise it with the WPI manufactured product grouping.

- a. The group- wise combined registered and unregistered manufacturing figures have been adjusted for import and direct export figures to arrive at the traded value figures in respect of each of the 12 groups. The group level weights, derived on the basis of respective traded value figures, have been distributed pro-rata amongst the items covered in the respective groups, as per the output figures of such items obtained from ASI data / Office of DCSSI.

3.8.7. The weights have been assigned on the basis of entire wholesale transactions in the economy. Table- 2 presents a comparative picture of weights.

Major Group/Group	1970- 71	1981- 82	1993- 94	2004- 05
All Commodities	100.000	100.000	100.000	100.000
Primary Articles	41.667	32.295	22.025	20.118
Food Articles	29.799	17.386	15.402	14.337
Non Food Articles	10.621	10.081	6.138	4.258
Minerals	1.247	4.823	0.485	1.521
Fuel & Power	8.459	10.663	14.226	14.910
Coal		1.256	1.753	2.094
Mineral Oils		6.666	6.987	9.364
Electricity		2.741	5.484	3.452
Manufactured Products	49.874	57.042	63.749	64.972
Food Products	13.322	10.143	11.538	9.974
Beverages, Tobacco & Tobacco Products	2.708	2.149	1.339	1.762
Textiles	11.026	11.545	9.800	7.326
Wood and Wood Products	0.174	1.198	0.173	0.587
Paper and Paper Products	0.851	1.988	2.044	2.034
Leather and Leather Products	0.385	1.018	1.019	0.835
Rubber and Plastic Products	1.207	1.592	2.388	2.987
Chemicals and Chemical Products	5.548	7.355	11.931	12.018
Non- Metallic Mineral Products	1.415	2.477	2.516	2.556
Basic Metals, Alloys and Metal Products	5.974	7.632	8.342	10.748
Machinery and Machine Tools	5.045	6.268	8.363	8.931

Transport Equipments and Parts	1.673	2.705	4.295	5.213
Other Industries	0.546	0.972	0.000	0.000

### 3.9. Method of Calculation

3.9.1. There is no change in the method of compilation of the index in the revised series. It is calculated on the principle of weighted arithmetic mean, according to the Lasperyre's 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

$\Sigma$  represents the summation operation,

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

$W_i$  = The 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

3.9.2. Price relatives are calculated as the percentage ratios, which the current prices bear to those prevailing in the base period, i.e., by dividing the current price by the base period price and multiplying the quotient by 100. The commodity index is arrived at as the simple arithmetic average of the price relatives of all the varieties included under that commodity. The indices for the sub- groups/groups/ major groups/ all commodities are, in turn, worked out as the weighted arithmetic mean of the indices of the items/sub- groups/groups/major groups falling under their respective heads.

3.9.3. 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)x100
01	2989.04	6150.00	205.75168
02	2777.31	7000.00	252.04244
03	2987.31	3500.00	117.16226
04	2848.94	6050.00	212.35968
05	3120.65	5500.00	176.24533
06	1900.00	3800.00	200.00000
07	2741.57	5800.00	211.55761
08	2875.58	5200.00	180.83308
09	2639.90	6300.00	238.64540
10	2710.38	2950.00	108.84083

11	1343.37	4300.00	320.09052
Average of Price Relatives =			202.13898

WPI for the particular item is the average of the price relatives, i.e, 202.1

### 3.10. Seasonal Items:

3.10.1. There are a number of agricultural commodities, especially some fruits and vegetables, which are seasonal in their availability and whose prices are quoted only during a particular period of the year. Such seasonal items are handled in the index in a special manner. When a particular seasonal item disappears from the market and its prices cease to get quoted, the index for such an item ceases to be compiled and its weight is distributed over the remaining items within the concerned sub-group on a pro-rata basis. This system has been in practice in all the previous series and will be continued in the revised series also with a clear delineation of the specific period during which the index of a particular seasonal item will be compiled.

### 3.11. Other Methodological Changes

3.11.1. The earlier series of WPI with base year 1993-94 had included the PDS price quotations for wheat and rice. The Working Group was of the opinion that since they did not represent the first point of sale, these may not be included. In view of this it was decided to include the procurement prices of paddy and wheat, which in a way represent the first point of sale in the price quotations for wheat and rice in the revised series (Base year 2004-05).

### 3.12. Linking Factor

3.12.1. 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, when released, 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 as follows. However, the detailed individual commodities indices and their weights are available from 2004-05 onwards. User may choose any other methods as may be considered appropriate.

Table 3: Linking Factor

	Average WPI in 2004- 05	Linking Factor
All commodities	187.3	1.873
Primary articles	188.1	1.881
Fuel & Power	280.2	2.802
Manufactured products	166.3	1.663

### 3.13. Computerization of the index compilation:

3.13.1. The National Informatics Centre and Office of Economic Adviser have been working in a cohesive manner for the successful release of the revised Wholesale Price Index Series. The transition from series 1993- 94 to the new series 2004- 05 remained smooth. For this purpose, appropriate software modules were developed by NIC. The revised series data is available on the website of the Office of Economic Adviser, Ministry of Commerce & Industry from the first Press Release of the revised WPI series.

## Chapter IV

### DATA COLLECTION & DISSEMINATION

#### 4.1. Data collection mechanism:

4.1.1. At present data collection for WPI is solely based on voluntary basis. Price data pertaining to 'Primary Articles' and 'Fuel & Power' are mainly collected through administrative Ministries/ Departments, PSUs and State Government Departments. For 'Manufactured products', apart from some government sources, data collection is done mainly from leading Manufacturing Units. Since the collection of prices is on voluntary basis, the flow of price data, especially from manufacturing units, becomes irregular leading to problems in compilation of WPI. In order to make smooth flow of price data, O/o the Economic Adviser has developed an online data transmission mechanism whereby the factories can directly login to the website using the passwords given to them and send price information through internet. Moreover, an arrangement was made with National Sample Survey Organisation (Field Operations Division), M/o Statistics & Programme Implementation to collect price data from the manufacturing units. This arrangement was initially for a period of one year. However, O/o the Economic Adviser has felt that the arrangement with NSSO (FOD) needs to be continued for some more time till the series gets stabilized and efforts have been taken to extend the contract with NSSO (FOD) for some more time.

#### 4.2. Data Management and Dissemination System

4.2.1. The ultimate use of the index compilation will depend 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 SDDS norms of IMF are applicable to WPI, every effort is made to ensure timeliness and transparency in release of the indices. Weekly WPI relating to Primary Articles and Fuel Group is released on every Thursday (next working day, if Thursday is holiday). Dissemination of Weekly press release is also done through official website simultaneously. Similarly, monthly WPI for All Commodities is released on 14<sup>th</sup> of every month (next working day, if 14<sup>th</sup> is holiday). Detailed item level WPI is put on official website for public use. WPI is the only index disseminated at item level. Time series data are also made available to users through print and electronic media on request.

#### 4.3. Procedure for Estimation for Non- response and Data Substitution

- i. As the series grow older, many of the items in the basket tend to disappear from the market, or item specification may change or the source agency may no longer manufacture the item.

- a) If the source agency stops manufacturing and 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 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.
- ii. Substitution and replacement: First of all it should be 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:

Price of New Quotation (Incoming Price)

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- X Base Price of the item

Price of old quotation (Outgoing Price)

- iii. 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.
- iv. In WPI the substitution is effected from the date final indices are compiled. The effective date and the splicing ratio are documented properly.

#### 4.4. Provisional Vs. Final Index

- 4.4.1. The weekly/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

## Chapter V

### RELEASE OF NEW SERIES

#### 5.1. Technical Report by Working Group:

5.1.1. As per the established practice, the Working Group is set up for revision of existing WPI series with the approval of the Minister in-charge of the Department of Industrial Policy & Promotion. Accordingly a Working Group was formed under the Chairmanship of Prof. Abhijit Sen, Member, Planning Commission (then Professor of Economics at Jawaharlal Nehru University, New Delhi), with members comprising of experts and stakeholders to suggest the methodology for the revision of the existing WPI series (Base 1993-94=100). Detailed deliberations on all aspects including methodological issues are 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.

5.1.2. The Working Group submitted its technical report in May, 2008. At the time of submission of the Technical Report, the commodity basket and quotations for these commodities were not finalized because of a poor response. The Working Group, therefore, could not look into the comparative picture of the prices in the current series and the proposed revision. 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.

5.1.3. Keeping the well established criteria in view, the Working Group proposed 2004-05 as the base year for the new series of Wholesale Price Index.

#### 5.2. Examination of the New Series by TAC and EAC

5.2.1. A meeting of the Technical Advisory Committee (TAC) of CSO on Prices and Cost of Living examined the new series of WPI with 2004-05 as the base on December 31, 2009. TAC endorsed the Working Group recommendations of shifting the base year from 1993-94 to 2004-05. The Economic Advisory Committee to the Prime Minister has endorsed the proposal made for revising the WPI series. EAC agreed with (a) shifting the base year to 2004-05, (b) extending the coverage in terms of number of commodities and number of price quotations, (c) the procedure adopted for selection of items, and (d) the determination of the weighting diagram.

#### 5.3. Approval for release of WPI

5.3.1. The Revision of the Index of Wholesale Prices was discussed in the meeting of Committee of Secretaries (CoS) on 9<sup>th</sup> August 2010. As per the decision of the CoS

meeting, the revised series of WPI with base 2004-05 was launched on 14 September, 2010.

5.3.2. While, for the purpose of analysis, the index from 2004-05 is provided on the website of the Office of the Economic Adviser, Department of Industrial Policy and promotion, [www.eaindustry.nic.in](http://www.eaindustry.nic.in), for other than research purpose, series would be effective from the date of release only.

## Chapter VI

### INTERNATIONAL PRACTICE

- 6.1. Majority of the OECD countries measure inflation based on Producer Price Index (PPI) while some others use only WPI (Japan, Australia, Greece, Norway and Turkey) and a few, a mix of both. A list of selected Countries with the respective measures used for price changes is given in the following table:

Country	PPI	WPI
Canada	√	X
Mexico	√	X
USA	√	X
Australia	√	X
Japan	X	√
Korea	√	X
New Zealand	√	X
Austria	X	√
UK	√	X
Span	√	X
Sweden	√	X
Norway	X	√
Turkey	X	√
Italy	√	X
Portugal	√	X
Greece	X	√
Ireland	√	√

- 6.2. The Producer Price Index (PPI) measures the average change in selling prices received by domestic producers for their output. The PPI measures price change from the perspective of the seller.
- 6.3. A brief account of methodologies followed by various countries for the measurement of price change is given below:

#### 6.3.1. USA

The manual on PPI by Bureau of Labour Statistics (BLS), USA describes the price measurement of PPI. As it measures changes in net revenues received by producers, changes in excise taxes are not reflected in index but changes in rebate programme and other promotional techniques are covered as this policies affect the net proceeds realized by the producers.

### 6.3.2. UK

The guide on PPI by ONS, UK states that the prices collected for PPI are net transaction prices of representative products sold within the reference period the prices exclude the value added tax on products, but are available both with and without excise duty.

### 6.3.3. Australia

(a) The Australian Bureau of Statistics (ABS) compile PPIs based on 'stage of production' concept, in which commodities are classified into three stages according to their final economic destination, as determined by the national accounts input output tables. Stage three product and final product that leave the economy and will not be used again in the production process. Stage two cover intermediate commodities that are used up in the process of creating the final stage product.

(b) Stage one contains preliminary products that are used of product in the production of stage two commodities. Many commodities are included within more than one of the three stages, but with different weights.

## 6.4. Need for PPI in Indian context

6.4.1. The WPI has been replaced in most countries by Producer Price Index (PPI) due to the broader coverage provided by the PPI in terms of products and industries and the conceptual concordance between the PPI and system the national account. For policy formulation and analytical purpose, measurement of price changes from producers' and consumers' prospective is considered far more relevant and technically superior compared to one at wholesale level.

6.4.2. One of the terms of reference of the Working Group constituted under the Chairmanship of Prof. Abhijit Sen, Member, Planning Commission for the revision of wholesale price index was to examine the need for switching over from Wholesale Price Index (WPI) to Producer Price Index (PPI). However, as priority was given for revision of WPI, it was decided to take up the matter along with the next revision of WPI.

6.4.3. The Office of the Economic Adviser (OEA), Department of Industrial Policy & Promotion (DIPP) has already taken up the initiative for constructing a Producer Price Index (PPI) for India. A concept paper on PPI and analysis based on WPI for generating PPI has been attempted by OEA and the same has been circulated among various user departments and RBI for comments. Shortly, the same would be placed in the website of OEA for comments from the public.

List of Commodities in the WPI Series 2004- 05, their Weights and  
Number of Price Responses

COMMODITY NAME	WEIGHT	NO. OF QUOTATIONS
ALL COMMODITIES	100.00000	5482
I PRIMARY ARTICLES	20.11815	579
(A) FOOD ARTICLES	14.33709	431
a. FOOD GRAINS(CEREALS+PULSES)	4.08982	171
a1. CEREALS	3.37323	127
Rice	1.79348	49
Wheat	1.11595	26
Jowar	0.09572	12
Bajra	0.11522	14
Maize	0.21727	12
Barley	0.01671	7
Ragi	0.01885	7
a2. PULSES	0.71662	44
Gram	0.33490	9
Arhar	0.13740	11
Moong	0.08429	9
Masur	0.05764	5
Urad	0.10239	10
b. FRUITS & VEGETABLES	3.84270	159
b1. VEGETABLES	1.73553	78
Potato	0.20150	12
Sweet Potato	0.01750	1
Onion	0.17794	14
Tapioca	0.06781	3
Ginger(Fresh)	0.04514	9
Peas(Green)	0.10999	7
Tomato	0.26738	8
Cauliflower	0.23627	5
Brinjal	0.29840	7
Okra (Lady finger)	0.12604	7
Cabbage	0.18756	5
b2. FRUITS	2.10717	81
Banana	0.34264	11
Mango	0.65134	13
Apple	0.10397	8

COMMODITY NAME	WEIGHT	NO. OF QUOTATIONS
Orange	0.13309	6
Cashew nut	0.16399	5
Coconut(Fresh)	0.24113	6
Papaya	0.10340	4
Grapes	0.09399	6
Pineapple	0.04577	9
Guava	0.07609	2
Litchi	0.03716	1
Lemon	0.07225	5
Sapota	0.04235	5
c. MILK	3.23818	10
Milk	3.23818	10
d. EGGS,MEAT & FISH	2.41384	28
Egg	0.18675	7
Fish- Inland	0.57256	3
Fish- Marine	0.72259	6
Mutton	0.34586	4
Beef & Buffalo Meat	0.11585	2
Poultry Chicken	0.41028	3
Pork	0.05995	3
e. CONDIMENTS & SPICES	0.56908	50
Black Pepper	0.02959	9
Chillies(Dry)	0.15812	8
Turmeric	0.07573	8
Cardamom	0.01703	5
Ginger(Dry)	0.05150	4
Betelnut/Arecanut	0.10437	6
Cummin	0.04393	3
Garlic	0.06437	4
Corriander	0.02444	3
f. OTHER FOOD ARTICLES	0.18347	13
Tea	0.11233	7
Coffee	0.07114	6
(B) NON- FOOD ARTICLES	4.25756	108
a. FIBRES	0.87737	24
Raw Cotton	0.70488	8
Raw Jute	0.06373	6
Mesta	0.00771	3
Raw Wool	0.01041	2
Raw Silk	0.07114	2
Coir Fibre	0.01950	3

COMMODITY NAME	WEIGHT	NO. OF QUOTATIONS
b. OIL SEEDS	1.78051	37
Groundnut Seed	0.39668	7
Rape & Mustard Seed	0.33797	6
Cotton Seed	0.20763	5
Copra (Coconut)	0.24538	4
Gingelly Seed (Sesamum)	0.07447	2
Linseed	0.00829	3
Castor Seed	0.04425	2
Niger Seed	0.00681	1
Safflower (Kardi Seed)	0.00759	2
Sunflower	0.08033	2
Soyabean	0.37111	3
c. OTHER NON- FOOD ARTICLES	1.38642	33
Hides(Raw)	0.04375	2
Skins(Raw)	0.05074	4
Tanning Materials	0.02674	2
Sugarcane	0.63556	7
Tobacco	0.08186	2
Gaur Seed	0.04830	4
Raw Rubber	0.16446	2
Logs & Timber	0.08803	2
Fodder	0.24698	8
d. FLOWERS	0.21326	14
Rose	0.14928	5
Jasmine	0.03199	4
Marigold	0.03199	5
(C) MINERALS	1.52350	40
a. METALLIC MINERALS	0.48859	17
Bauxite	0.00757	4
Chromite	0.03674	4
Copper Ore	0.15892	1
Zinc Concentrate	0.01240	1
Manganese Ore	0.03295	3
Iron Ore	0.24001	4
b. OTHER MINERALS	0.13463	19
Phosphorite	0.01415	1
Fireclay	0.00038	1
Gypsum	0.00236	1
Kaolin	0.00616	3
Dolomite	0.00442	2
Magnesite	0.00811	1

COMMODITY NAME	WEIGHT	NO. OF QUOTATIONS
Barytes	0.00249	1
Limestone	0.09428	3
Steatite	0.00085	3
Graphite	0.00077	2
Sillimanite	0.00066	1
c. CRUDE PETROLEUM	0.90028	4
Crude Petroleum	0.90028	4
II FUEL & POWER	14.91021	72
A. COAL	2.09419	20
Coking Coal	0.37815	6
Non- Coking Coal	1.00601	7
Coke	0.62494	4
Lignite	0.08509	3
B. MINERAL OILS	9.36439	47
LPG	0.91468	3
Petrol	1.09015	4
Kerosene	0.73619	3
Aviation Turbine Fuel	0.25545	5
High Speed Diesel	4.67020	4
Naphtha	0.79078	4
Light Diesel Oil	0.11889	3
Bitumen	0.15515	5
Furnace Oil	0.46505	4
Lubricants	0.16785	12
C. ELECTRICITY	3.45163	5
Electricity ( Domestic)	0.90991	1
Electricity (Commercial)	0.30025	1
Electricity (Agricultural)	0.84677	1
Electricity (Railway Traction)	0.09245	1
Electricity (Industry)	1.30225	1
MANUFACTURED PRODUCTS	64.97164	4831
(A) FOOD PRODUCTS	9.97396	406
a. DAIRY PRODUCTS	0.56798	38
Powder Milk	0.20061	6
Ghee	0.21595	10
Butter	0.06118	8
Ice Cream	0.05063	6
Condensed Milk	0.03961	8
b. CANNING, PRESERVING & PROCESSING OF FOOD	0.35785	22
Canned Fish	0.05534	5
Fish Meal	0.05941	3

COMMODITY NAME	WEIGHT	NO. OF QUOTATIONS
Processed Prawn	0.11517	4
Canned Meat	0.03554	8
Vegetables Seeds	0.09239	2
c. GRAIN MILL PRODUCTS	1.34017	38
Maida	0.45224	8
Wheat Flour ( Atta)	0.39334	6
Gram Powder (Besan)	0.09734	2
Sooji ( Rawa )	0.08499	5
Rice Bran	0.11785	7
Wheat Bran	0.09066	3
Beaten Rice Flakes (Chire)	0.03750	1
Maize Atta	0.01572	2
Other Grain Mill Products	0.05053	4
d. BAKERY PRODUCTS	0.44354	21
Biscuit / Cookies	0.35095	7
Bread & Buns	0.06304	8
Cakes & Muffins	0.02955	6
e. SUGAR, KHANDSARI & GUR	2.08859	70
Sugar	1.73731	34
Gur	0.07763	7
Khandsari	0.06133	8
Molasses	0.12926	9
Bagasse	0.03946	6
Sugar Confectionary	0.04360	6
f. EDIBLE OILS	3.04293	99
Vanaspati	0.71494	4
Groundnut Oil	0.30438	10
Palm Oil	0.41999	16
Rice Bran Oil	0.18489	6
Cotton Seed Oil	0.26101	7
Mustard & Rapeseed Oil	0.45094	16
Soyabean Oil	0.37971	15
Copra Oil	0.10231	10
Sunflower Oil	0.17348	6
Gingelly Oil	0.05128	9
g. OIL CAKES	0.49441	26
Cotton Seed Oil Cake	0.12928	7
Rice Bran Extraction	0.09174	5
Mustard Oil Cake	0.04018	5
Groundnut Oil Cake	0.04463	4
Other Oil Cakes	0.18858	5

COMMODITY NAME	WEIGHT	NO. OF QUOTATIONS
h. TEA & COFFEE PROCESSING	0.71106	28
Tea Leaf (Blended)	0.27219	6
Tea Leaf (Unblended)	0.18048	8
Tea Dust (Blended)	0.13716	5
Tea Dust (Unblended)	0.09813	7
Coffee Powder	0.02310	2
i. MANUFACTURE OF SALT	0.04810	4
Salt	0.04810	4
j. OTHER FOOD PRODUCTS	0.87933	60
Cashew Kernel	0.38299	9
Gola (Cattle Feed)	0.11247	9
Papad	0.08081	7
Cashew nut (Roasted)	0.01367	5
Mixed Spices	0.06599	8
Pickles	0.02476	7
Soya Preparations (Excluding Oil)	0.05937	4
Readymade / Instant Food Powder	0.13927	11
(B) BEVERAGES, TOBACCO & TOBACCO PRODUCTS	1.76247	102
a. WINE INDUSTRIES	0.38519	24
IMFL - Blended	0.23181	7
IMFL - Malted but not Blended	0.07619	8
Rectified Spirit	0.07719	9
b. MALT LIQUOR	0.15295	15
Beer	0.11454	11
Toddy (or Taddy)	0.03841	4
c. SOFT DRINKS & CARBONATED WATER	0.24132	33
Soda Based Soft Drinks	0.09079	8
Soft Drink Concentrates	0.07247	6
Aerated Water (All Types)	0.03636	6
Non- Alcoholic Beverages (All Types)	0.01936	8
Mineral Water	0.02234	5
d. MANUFACTURE OF BIDI,CIGARETTES,TOBACCO & ZARDA	0.98301	30
Cigarette	0.38924	6
Bidi	0.39877	9
Dried Tobacco	0.07561	6
Chewing Tobacco (scented or not )	0.08192	3
Zarda	0.03747	6
(C ) TEXTILES	7.32639	457
a. COTTON TEXTILES	2.60526	145
a1. COTTON YARN	1.37708	46

COMMODITY NAME	WEIGHT	NO. OF QUOTATIONS
Cotton Yarn (Unbleached)	0.74777	14
Cotton Yarn (Bleached)	0.41536	8
Cotton Yarn (Dyed)	0.12445	8
Finished / processed cotton yarn (not knitted)	0.06910	9
Finished / processed cotton yarn (knitted)	0.02040	7
a2. COTTON FABRIC	1.22818	99
Cotton Cloth finished /processed	0.45315	18
Grey Cloth (Bleached / Unbleached)	0.11447	7
Cotton Textiles Dyed/printed	0.12916	19
Bed Cover & Bed Sheet	0.12382	7
Other Cotton Hosiery Goods	0.17551	11
Cotton Linters	0.02472	8
Cotton Shirting	0.04085	6
Cotton Trousers / Pants	0.04270	6
Cotton Towel Cloth	0.02716	6
Cotton Durries	0.08191	5
Furnishing cloth	0.01473	6
b. MAN MADE TEXTILES	2.20573	140
b1. MAN MADE FIBRE	1.67244	80
Polyester Yarn	0.52594	18
Texturised and Twisted Yarn	0.35065	7
Polyester Staple Fibre	0.18846	5
Synthetic Yarn	0.19468	15
Viscose Staple Fibre	0.11920	6
Acrylic Fibre	0.04322	2
Acrylic Yarn	0.06148	7
Nylon Yarn	0.08589	11
Viscose Yarn	0.08197	7
Synthetic Fibres	0.02095	2
b2. MAN MADE FABRIC	0.53329	60
Mixed Fabrics	0.13711	8
Cotton Knitted Fabrics	0.06212	16
Synthetic Suitings (incl.blended)	0.09791	8
Synthetic Grey Cloth	0.06862	8
Nylon Thread	0.02202	3
Polyethylene Fabrics	0.05407	4
Other Synthetic Fabrics	0.09144	13
c. WOOLLEN TEXTILES	0.29417	55
Woollen Yarn	0.08510	9
Woollen Carpets	0.04294	8
Woollen Shawls	0.01782	7

COMMODITY NAME	WEIGHT	NO. OF QUOTATIONS
Woollen Hosiery goods	0.02122	9
Woollen Cloth	0.01324	7
Woollen Cardigans/Sweaters	0.08029	8
Blankets	0.01679	5
Other Woollen Garments	0.01677	2
d. JUTE HEMP & MESTA TEXTILES	0.26129	59
Jute Sacking Cloth	0.10076	17
Jute Sacking Bag	0.04520	12
Tyre Cord Fabric	0.04212	5
Jute Yarn	0.02054	8
Gunny and Hessian Cloth	0.05267	17
e. OTHER MISC. TEXTILES	1.95994	58
Cotton Shirts	1.50468	9
Terene Garments	0.14791	5
Cotton Children suits	0.09230	8
Terry Towel	0.05603	8
Gunny bags (Non Laminated)	0.02166	8
Coir Mats & Matting	0.06573	4
Cotton Under Garments	0.02955	7
Cotton Pillow Cover	0.01454	7
Cotton Dressing Gown	0.02754	2
(D) WOOD & WOOD PRODUCTS	0.58744	64
a. TIMBER / WOODEN PLANKS	0.18139	7
Sawn/Resawn Timber/Wooden Planks	0.07735	3
Sawn Timber Posts / Squares	0.10404	4
b. PROCESSED WOOD	0.12756	22
Processed/ Sized Wood Cutting	0.08479	8
Wooden Almirah / Cabinets/ Cupboard	0.01439	3
Wooden Crates & Packing Box	0.01557	3
Wooden Chair	0.01281	8
c. PLYWOOD & FIBRE BOARD	0.24088	22
Plywood Board	0.16826	11
Insulation Board	0.07262	11
d. OTHERS	0.03761	13
Veneered Particle Board	0.02661	8
Veneer Wood	0.01100	5
(E) PAPER & PAPER PRODUCTS	2.03350	138
a. PAPER & PULP	1.01910	82
Printing and Writing Paper	0.48195	13
Kraft Paper & Bags	0.25233	16
Newsprint	0.07951	9

COMMODITY NAME	WEIGHT	NO. OF QUOTATIONS
Laminated Paper	0.03991	5
Paper for Printing / Poster	0.02177	10
Maplitho Paper	0.02789	8
Computer Stationery	0.03240	7
Paper Rolls	0.03514	5
Paper Cone & Tube	0.03358	2
Cream Laid woven Paper	0.00765	5
Paper Pulp	0.00697	2
b. MANUFACTURE OF BOARDS	0.54979	25
Corrugated Sheet Boxes	0.30223	9
Paper Cartons / boxes	0.12391	5
Bristle Paper Board	0.08119	6
Card Board	0.04246	5
c. PRINTING & PUBLISHING	0.46461	31
Books/ Periodicals/ Journals	0.26010	12
Newspaper	0.12882	7
Other Printing and Publishing	0.07569	12
(F) LEATHER & LEATHER PRODUCTS	0.83509	91
a. LEATHERS	0.22325	16
Vegetable Tanned Leather	0.13172	5
Crome Tanned Leather	0.07709	9
Leather Shoe lining	0.01444	2
b. LEATHER FOOTWEAR	0.40908	37
Leather Shoe Upper	0.15075	9
Foot Wear/ Safety Boot	0.12214	10
Leather Chappals/ sandals	0.02578	3
Leather Sole	0.01555	6
Other Leather Foot Wear	0.09486	9
c. OTHER LEATHER PRODUCTS	0.20276	38
Leather Garments & Jackets	0.11083	13
Leather Bags	0.02739	7
Leather Handbags / Wallets	0.03987	6
Leather Gloves	0.01204	6
Leather Harness Goods	0.01263	6
(G) RUBBER & PLASTIC PRODUCTS	2.98697	351
a. TYRES & TUBES	0.54128	57
a1. TYRES	0.48809	37
Cab/Car Tyre	0.19729	9
Bus/truck Tyre	0.16697	11
Scooter / Motor cycle Tyre	0.04419	3
Tractor Tyre	0.04438	7

COMMODITY NAME	WEIGHT	NO. OF QUOTATIONS
Cycle /Cycle rickshaw Tyre	0.03526	7
a2. TUBES	0.05319	20
Cycle / Rickshaw Tube	0.01822	10
Motor Tube	0.02531	3
Other Rubber Tubes	0.00966	7
b. PLASTIC PRODUCTS	1.86134	200
Plastic/PVC Pipe	0.17752	6
Plastic Components / Accessories	0.12660	8
Rigid PVC	0.11032	4
Plastic/LDPE/Polythene Bag	0.15286	20
Plastic Films & sheets	0.17118	21
Polythene/Plastic Granules	0.07706	8
Plastic/ PVC Suitcases	0.01501	6
Plastic Bottles	0.02883	7
Plastic Cabinet	0.00913	5
Dot pen with refill	0.06091	5
Tooth brush	0.01001	6
Plastic Containers	0.07174	8
Plastic/PVC Shoes	0.02015	10
Syringe	0.00981	4
Polyester Film	0.23888	13
Polyester Chips	0.14318	5
Expandable Polystyrene	0.12307	4
V Belt	0.00995	7
Plastic/PVC Chappals	0.01317	12
Plastic Rolls	0.08010	6
Polythene/PVC Foam	0.02016	5
HDPE Bag	0.05482	7
HDPE Woven Sacks	0.04176	6
HDPE Woven Fabric	0.01172	7
Other Plastic Products	0.08340	10
c. RUBBER PRODUCTS	0.58435	94
Rubber Seat Assembly	0.17147	7
Seamless Tubes & Pipes	0.11786	9
Rubber Moulded goods	0.02264	8
Rubber Foot wear	0.09692	11
Synthetic rubber compound	0.02218	4
Reclaimed Rubber	0.01381	4
Rubber Components & Parts	0.01645	6
Automobile Rubber Padding	0.02067	4
Rubber Brakes	0.01309	6

COMMODITY NAME	WEIGHT	NO. OF QUOTATIONS
Rubber Transmission belt	0.00978	8
Foot Ball	0.00425	6
Other Rubber Products	0.07523	21
(H) CHEMICALS & CHEMICAL PRODUCTS	12.01770	1111
a. BASIC INORGANIC CHEMICALS	1.18734	211
Carbon & It's Compound	0.09959	10
Acid (Inorganic)	0.17510	24
Caustic Soda & Soda Ash	0.28445	15
Oxygen	0.10545	9
Lime & Calcium Carbonate	0.02199	9
Alumina & Aluminium Salt	0.06033	16
Zirconion Silicate	0.00440	4
Hydrogen Peroxide	0.00992	4
Titanium Dioxide	0.04102	4
Zinc Oxide	0.01866	4
Sodium Salt	0.06629	27
Carbon Di- Sulphide	0.00504	5
Ammonia (Gas / Liquid)	0.06135	10
Argon Gas	0.01074	5
Chlorine	0.05042	16
Carbon Dioxide Gas	0.00696	7
Hydrogen	0.00504	6
Nitrogen (Gas / Liquid)	0.01284	10
Foundry Chemical	0.01595	5
Other Inorganic Chemicals	0.13180	21
b. BASIC ORGANIC CHEMICALS	1.95204	184
Fatty Acid	0.04748	12
Acetic Acid & Its Derivatives	0.11208	14
Alcohol & Mixture	0.17609	22
Amines	0.01756	2
Glycol	0.10957	4
Fatty Alcohol	0.07987	3
Naphthalene / Aniline	0.15514	5
Vegetable Starch	0.03645	13
Essence/Flavour used in food products.	0.01563	4
Ice Block/ Cube (non edible)	0.04640	4
Brine Water / Distilled Water	0.01805	5
Organic Solvent	0.14188	24
Formaldehyde	0.02056	8
Menthol	0.03020	5
Phenol or Phenol Extract	0.05363	4

COMMODITY NAME	WEIGHT	NO. OF QUOTATIONS
Acid (Organic)	0.03369	3
Aromatic Chemicals	0.02305	6
Leather Chemicals	0.02635	12
Petrochemical Building Blocks	0.64780	15
Other Organic Chemicals	0.16056	19
c. FERTILIZERS & PESTICIDES	3.14464	134
c1. FERTILIZERS	2.66123	88
Urea	1.57884	19
Ammonium Sulphate	0.02168	7
Other Nitrogenous Fertilizer	0.05892	8
Di Ammonium Phosphate	0.48672	8
Dicalcium Phosphate	0.00924	8
Other Phosphatic Fertilizers	0.25581	21
Organic Manure	0.22135	11
Fertilizer (Others)	0.02867	6
c2. PESTICIDES	0.48341	46
Endosulfan	0.01688	7
Cypermethrin	0.01267	5
Weedicides	0.05071	7
Insecticides	0.17404	6
Other Pesticides	0.22911	21
d. PAINTS, VARNISHES & LACQUERS	0.52932	45
Paints	0.37360	12
Chemical Colours	0.00428	4
Lacquer & Varnishes	0.02511	10
Distemper	0.00777	3
Thinner	0.01574	6
Ink	0.10282	10
e. DYESTUFFS & INDIGO	0.56298	77
Dye & Dye Intermediates	0.43397	39
Pigment & Pigment Intermediates	0.12901	38
f. DRUGS & MEDICINES	0.45610	137
Antibiotics	0.20605	32
Vitamins	0.00957	17
Vaccines	0.04597	14
Paracetamol/Analgesic	0.00958	14
Antacid and Digestive Preparations	0.03685	16
Gelatine Capsules ( empty)	0.02658	4
Ayurvedic Medicines	0.05277	34
Others	0.06873	6
g. PERFUMES, COSMETICS, TOILETRIES ETC	1.13048	136

COMMODITY NAME	WEIGHT	NO. OF QUOTATIONS
Toilet Soap	0.26840	10
Washing Soap	0.23250	21
Washing Powder	0.14666	14
Floor Cleaners	0.00405	3
Bleaching Powder	0.01237	7
Tooth Paste / Tooth Powder	0.11015	8
Hair / Body Oils	0.09490	12
Perfume / Scent	0.06284	11
Cream / Moisturizer	0.07991	9
Face / Body Powder	0.01802	9
Other Flavoured Powder	0.00646	5
Shampoo	0.03477	6
Wax	0.04327	13
Shaving Cream	0.00383	3
Hair Dye	0.01235	5
h. TURPENTINE, PLASTIC CHEMICALS	0.58631	42
Thermocol	0.23400	9
Olio Resin & Gelatin	0.07540	13
Adhesive & Gum	0.13088	9
Turpentine Oil	0.03956	8
Other Plastic Chemicals	0.10647	3
i. POLYMERS INCLUDING SYNTHETIC RUBBER	0.97000	28
Polymers	0.59386	13
Synthetic Resin	0.29233	5
Synthetic Rubber	0.06476	6
Polymer Products	0.01905	4
j. PETROCHEMICAL INTERMEDIATES	0.86947	48
Non- Cyclic Compound	0.42764	5
Glycol	0.10588	2
Polyol	0.05757	8
Sulphur & Sulphur Powder	0.02197	4
Rubber Chemicals	0.06007	21
Other Petrochemical Intermediates	0.19634	8
k. MATCHES,EXPLOSIVES & OTHER CHEMICALS	0.62902	69
Safety Matches/ Match Box	0.08561	6
Explosives	0.09209	22
Agarbattis	0.08707	10
Photographic Goods	0.20139	15
Castor Oil	0.09758	6
Yeast used in Food Industry	0.00668	2
Additives	0.04659	3

COMMODITY NAME	WEIGHT	NO. OF QUOTATIONS
Hardeners	0.01201	5
(I) NON- METALLIC MINERAL PRODUCTS	2.55597	225
a. STRUCTURAL CLAY PRODUCTS	0.65801	58
Bricks & Tiles	0.34117	35
Polished Granite	0.06325	7
Marbles	0.10682	7
Stone (Chip/Crushed/fnished/Slab)	0.14677	9
b. GLASS,EARTHENWARE, CHINAWARE & THEIR PRODUCTS	0.25567	75
Glass Bottles & Bottleware	0.07656	10
Laminated Glass	0.01765	4
Fibre Glass & Glass Sheet	0.03927	10
Toughened Glass	0.04330	11
Pressed Glassware	0.02517	11
Ophthalmic Lens	0.00852	8
Glass Vials	0.00980	5
Non- Ferrous Sanitary fittings	0.01838	3
Filter Elements	0.00921	3
Porcelain Crockery	0.00781	10
c. CEMENT & LIME	1.38646	40
Grey Cement	1.26347	20
White Cement	0.03099	6
Slag Cement	0.07783	9
Lime	0.01417	5
d. CEMENT, SLATE & GRAPHITE PRODUCTS	0.25583	52
Graphite Rods	0.06030	6
Graphite Amorphous	0.00715	6
Pencil	0.00643	4
Asbestos Corrugated Sheet	0.04408	10
Railway Sleeper	0.03565	10
Concrete Poles & Posts	0.02858	4
Hume Pipes & Spun Pipes	0.01928	5
Other Cement Product,	0.05436	7
(J) BASIC METALS, ALLOYS & METAL PRODUCTS	10.74785	696
a. FERROUS METALS	8.06382	393
a1. IRON & SEMIS	1.56301	65
Sponge Iron	0.26878	11
Pig Iron	0.38921	10
Melting Scrap	0.09544	17
Pencil Ingots	0.58954	10
Billets	0.05887	12

COMMODITY NAME	WEIGHT	NO. OF QUOTATIONS
Slab	0.16117	5
a2. STEEL: LONG	1.62997	116
Rebars	0.73617	39
Rounds	0.40622	19
Wire Rods	0.21914	12
Angles	0.11215	26
Joist & Beams	0.04904	18
Rails	0.10725	2
a3. STEEL: FLAT	2.61065	94
HRC	1.39672	28
Plates	0.55376	27
CRC	0.44658	17
GP/GC Sheets	0.21359	22
a4. STEEL: PIPES & TUBES	0.31396	14
Welded Pipe	0.31396	14
a5. STAINLESS STEEL & ALLOYS	0.93758	48
Steel Rods	0.08639	4
Sheets	0.41503	15
Steel	0.03323	3
Other Alloys	0.40293	26
a6. CASTINGS & FORGINGS	0.87124	39
Iron Castings	0.21320	18
Steel Castings	0.56725	13
Die Forging & Stamping	0.09079	8
a7. FERRO ALLOYS	0.13741	17
Ferro Chrome	0.09534	5
Ferro Manganese	0.02806	7
Ferro Silicon	0.01401	5
b. NON- FERROUS METALS	1.00398	303
b1. ALUMINIUM	0.48921	64
Aluminium Ingots	0.20750	21
Aluminium Coils/Rolls	0.05280	5
Aluminium & Alloys	0.03195	9
Aluminium Casting	0.03661	4
Aluminium Seals	0.01101	7
Aluminium Foil /Foil Bag	0.03403	8
Aluminium Pipe & Tubes	0.01572	3
Aluminium Utensils	0.04034	4
Aluminium Wire	0.05925	3
b2. OTHER NON- FERROUS METALS	0.51477	44
Copper / Copper Ingots	0.14717	9

COMMODITY NAME	WEIGHT	NO. OF QUOTATIONS
Copper Wire (All Types)	0.05044	4
Copper Products (other than wire)	0.14256	6
Brass	0.05071	8
Zinc	0.04667	6
Lead	0.01104	3
Chromium / Chrome	0.01528	1
Non Ferrous Alloys	0.01152	3
Non- Ferrous Casting & Forging	0.03938	4
C. METAL PRODUCTS	1.68005	195
Gold & Gold Ornaments	0.36399	4
Silver	0.01083	4
Iron & Steel Wire	0.23264	17
Other Metal Wires & Wire products	0.05047	7
Nuts/Bolts/Screw/ Washers	0.08352	11
Cylinder	0.06602	9
Cylinder Liners	0.01010	7
Steel Structures	0.12190	7
Steel Balls	0.01619	7
Fabricated Metal Products	0.12246	18
Furniture	0.09536	9
Fixtures	0.06451	14
Steel Frames	0.01790	7
Metal Moulds and Dyes	0.04029	6
Pipes/Tubes/Rods/Strips	0.04920	5
Cistern Fittings/Iron& steel	0.00994	2
Welding Rods	0.02286	6
Metal Containers	0.09286	16
Utensils(other than Aluminium)	0.07917	6
Pressure Cooker	0.01137	8
Chain	0.01304	6
Locks	0.02844	6
Safety Helmet	0.00093	6
Other Metal Products	0.07606	7
(K) MACHINERY & MACHINE TOOLS	8.93148	903
a. AGRICULTURAL MACHINERY & IMPLEMENTS	0.13899	31
Harvester	0.00929	6
Sprinkler	0.00916	6
Thresher	0.01024	5
Separators & Driers	0.01689	6
Other Agriculture Implements	0.09341	8
b. INDUSTRIAL MACHINERY	1.83759	221

COMMODITY NAME	WEIGHT	NO. OF QUOTATIONS
Boiler & Accessories	0.25273	12
Industrial Furnaces	0.02249	5
Coupling	0.00996	6
Filtration Equipment	0.01816	5
Material Handling Equipments	0.05072	9
Textile Machinery	0.15094	14
Rubber Machinery	0.01243	2
Cranes	0.04647	1
Lifts	0.04777	17
Oil Mill Machinery	0.01034	3
Rice Mill Machinery	0.01209	3
Sugar Machinery	0.03470	3
Food/ Beverages/Tobacco Processing Machinery	0.00563	4
Mining/Quarrying/Metallurgical Machinery/Parts.	0.03860	7
Plastic Machinery	0.08225	10
Fasteners	0.05638	6
Ball/Roller Bearing	0.17774	8
Pump & Assembly	0.10241	26
Drive Equipment	0.00649	5
Heat Exchanger	0.08097	5
Hydraulic Equipment	0.04504	11
Pneumatic Tools	0.00763	6
Industrial Valves	0.15605	16
Chemical Plant Equipments	0.14844	10
Other Industrial Machinery	0.26116	27
c. CONSTRUCTION MACHINERY	0.04487	18
Loader	0.01029	3
Concrete Vibrator & Mixture	0.01260	7
Other Construction Machinery / Equipment	0.02198	8
d. MACHINE TOOLS	0.36702	35
Drilling Machines	0.00734	9
Lathes	0.02070	6
Grinding Wheels	0.01609	5
Cutting Machine	0.00529	2
Gear Cutting Machines	0.31760	13
e. AIR CONDITIONER & REFRIGERATORS	0.42879	18
Air Conditioners	0.22151	11
Refrigerators	0.19422	4
Chillers	0.01306	3
f. NON- ELECTRICAL MACHINERY	1.02563	71
Engines	0.07471	11

COMMODITY NAME	WEIGHT	NO. OF QUOTATIONS
Earth Moving Machinery	0.19193	6
Compressors	0.18293	9
Meters / Starter (non- electrical)	0.03060	8
Watches	0.01828	7
Weighing Scales	0.01383	5
Sewing Machines	0.02013	6
Solar Power System & Windmill	0.04540	4
Other Non Electrical Machinery	0.44782	15
g. ELECTRICAL MACHINERY, EQUIPMENT & BATTERIES	2.34277	200
Electrical Pumps	0.15890	15
Transformer	0.42227	3
Electric Motors	0.17398	25
Power Supply (DC)	0.01015	3
Electric Switch Gears	0.17084	19
Relay /Contactor	0.03193	5
Electric Connectors / Plugs /Sockets/holders	0.02510	6
Electrolytic Condensers	0.00898	6
Electric Switches	0.06193	15
Converter / Inverter	0.05136	7
Electric Generators	0.42902	10
Electric Motor Starters	0.03319	12
Control equipments	0.25827	12
Regulators	0.04590	7
Distribution Boards	0.01862	7
Other Electric Meter	0.08266	7
Electrical Stamping Lamination	0.03941	9
Electrical Signaling Equipment	0.00661	3
Batteries	0.12073	8
Battery Dry cells	0.06986	5
Battery Charger	0.01705	5
Other Electric Machinery & Equipments	0.10601	11
h. ELECTRICAL ACCESSORIES, WIRES, CABLES ETC.	1.06278	150
Conductor	0.15496	10
Insulators	0.05225	16
Lamps	0.03755	24
Magnets	0.02899	3
Fluorescent Tubes	0.03744	9
Air Break Switches/Circuit Breaker	0.07377	13
PVC Insulated Cable	0.38443	33
Kit- Kat /Fuse / Fuse wire	0.00619	7

COMMODITY NAME	WEIGHT	NO. OF QUOTATIONS
Electrical Wires	0.15810	15
Heating Elements	0.01266	5
Other Electric Accessories	0.11644	15
i. ELECTRICAL APPARATUS & APPLIANCES	0.33666	49
Washing / Laundry Machines	0.07224	6
Fans	0.10242	15
Grinding /Wet Coffee Machinery	0.02352	9
Flash Light/ Torch	0.01289	6
UPS / Stabilizer	0.11542	10
Microwave Oven	0.01017	3
j. ELECTRONICS ITEMS	0.96117	80
T.V.Sets	0.48621	7
T.V. Accessories	0.17012	11
Sensors	0.00856	9
Optical Instruments	0.00810	7
Video CD Player	0.00879	2
Resistance /Resistor	0.00755	5
Semiconductor Devices	0.01485	5
Capacitors	0.02454	4
Electronic PCB /Micro Circuit	0.06083	10
Amplifier	0.00525	2
Computer Power Supply System (SMPS)	0.03223	3
Fibre Optic Cable	0.02050	5
Other Electronics Items	0.11364	10
k. IT HARDWARE	0.26700	16
Computers	0.17865	8
Computer Peripherals	0.08835	8
l. COMMUNICATION EQUIPMENTS	0.11821	14
Telecommunication Exchange	0.04197	5
Dish Antenna	0.00781	2
Other Communication Equipments	0.06843	7
(L) TRANSPORT, EQUIPMENT & PARTS	5.21282	287
a. AUTOMOTIVES	4.23106	65
Motor Vehicles	1.89760	15
Tractors	0.40572	7
Bus / Mini bus / Truck	0.74745	21
Auto Rickshaw / Tempo / Matador	0.29308	5
Motor Cycle / Scooter / Moped	0.88050	9
Trolleys / Tanker	0.00671	8
b. AUTO PARTS	0.80388	192
Gear Boxes & Parts	0.18625	31

COMMODITY NAME	WEIGHT	NO. OF QUOTATIONS
Steering Gears	0.02478	5
Carburetors	0.01690	7
Clutch & Clutch Plates	0.02992	11
Crankshafts	0.02227	6
Suspension	0.04473	7
Axle	0.07160	4
Wheels & Parts	0.04398	24
Fuel Injection Equipments	0.10538	14
Silencer & Damper	0.01422	7
Wiper/Blade/Arm etc	0.00368	7
Piston & Compressor	0.06323	18
Coil Assembly (Ignition)	0.00930	9
Slider	0.00109	5
Engine Assembly & Chassis	0.08580	7
Gauges	0.00112	5
Geared Motor	0.00598	4
Radiator & Coolers	0.03901	5
Electric Magnet Brakes	0.00790	4
Lamp	0.02136	5
Horn	0.00538	7
c. OTHER TRANSPORT EQUIPMENTS	0.17788	30
Railway Brake Gear	0.00417	7
Railway Axle & wheel	0.03183	4
Other Rail Equipments	0.00812	4
Bi- Cycles	0.07706	6
Parts of Ships/Boats etc.	0.01321	3
Shafts (All Kinds)	0.04349	6

List of Common Items between the WPI Series (1993- 94=100)  
and WPI Series (2004- 05=100)

COMMODITY NAME	WEIGHT [2004- 05]	WEIGHT [1993- 94]
ALL COMMODITIES	100.0000 0	100.0000 0
I PRIMARY ARTICLES	20.11815	22.02525
(A) FOOD ARTICLES	14.33709	15.40246
a. FOOD GRAINS(CEREALS+PULSES)	4.08982	5.00949
a1. CEREALS	3.37323	4.40629
Rice	1.79348	2.44907
Wheat	1.11595	1.38408
Jowar	0.09572	0.22189
Bajra	0.11522	0.11044
Maize	0.21727	0.18561
Barley	0.01671	0.02734
Ragi	0.01885	0.02786
a2. PULSES	0.71662	0.60320
Gram	0.33490	0.22365
Arhar	0.13740	0.13466
Moong	0.08429	0.11225
Masur	0.05764	0.03645
Urad	0.10239	0.09619
b. FRUITS & VEGETABLES	3.84270	2.91655
b1. VEGETABLES	1.73553	1.45869
Potato	0.20150	0.25647
Sweet Potato	0.01750	0.02248
Onion	0.17794	0.09372
Tapioca	0.06781	0.06075
Ginger(Fresh)	0.04514	0.02480
Peas(Green)	0.10999	0.15383
Tomato	0.26738	0.48065
Cauliflower	0.23627	0.08361
Brinjal	0.29840	0.12713
Okra (Lady finger)	0.12604	0.09163
Cabbage	0.18756	0.06362
b2. FRUITS	2.10717	1.45786
Banana	0.34264	0.28173
Mango	0.65134	0.43561
Apple	0.10397	0.13084

COMMODITY NAME	WEIGHT [2004- 05]	WEIGHT [1993- 94]
Orange	0.13309	0.05350
Cashew nut	0.16399	0.05729
Coconut(Fresh)	0.24113	0.24772
Papaya	0.10340	0.00937
Grapes	0.09399	0.08858
Pineapple	0.04577	0.04090
Guava	0.07609	0.05239
Litchi	0.03716	0.03570
Sapota	0.04235	0.02423
c. MILK	3.23818	4.36708
Milk	3.23818	4.36708
d. EGGS,MEAT & FISH	2.41384	2.20774
Egg	0.18675	0.22969
Fish- Inland	0.57256	0.49650
Fish- Marine	0.72259	0.39328
Mutton	0.34586	0.44499
Beef & Buffalo Meat	0.11585	0.14860
Poultry Chicken	0.41028	0.45163
Pork	0.05995	0.04306
e. CONDIMENTS & SPICES	0.56908	0.66233
Black Pepper	0.02959	0.02292
Chillies(Dry)	0.15812	0.18866
Turmeric	0.07573	0.07650
Cardamom	0.01703	0.02494
Ginger(Dry)	0.05150	0.02991
Betelnut/Arecanut	0.10437	0.13381
Cummin	0.04393	0.10288
Garlic	0.06437	0.05905
Corriander	0.02444	0.02366
f. OTHER FOOD ARTICLES	0.18347	0.23927
Tea	0.11233	0.15739
Coffee	0.07114	0.08188
(B) NON- FOOD ARTICLES	4.25756	6.13812
a. FIBRES	0.87737	1.52331
Raw Cotton	0.70488	1.35674
Raw Jute	0.06373	0.10868
Mesta	0.00771	0.01002
Raw Wool	0.01041	0.00022
Raw Silk	0.07114	0.00162
Coir Fibre	0.01950	0.04603
b. OIL SEEDS	1.78051	2.66617

COMMODITY NAME	WEIGHT [2004- 05]	WEIGHT [1993- 94]
Groundnut Seed	0.39668	1.02883
Rape & Mustard Seed	0.33797	0.58066
Cotton Seed	0.20763	0.04467
Copra (Coconut)	0.24538	0.02899
Gingelly Seed (Sesamum)	0.07447	0.13166
Linseed	0.00829	0.03411
Castor Seed	0.04425	0.08572
Niger Seed	0.00681	0.02527
Safflower (Kardi Seed)	0.00759	0.05559
Sunflower	0.08033	0.20454
Soyabean	0.37111	0.44614
c. OTHER NON- FOOD ARTICLES	1.38642	1.94864
Hides(Raw)	0.04375	0.00079
Skins(Raw)	0.05074	0.00082
Tanning Materials	0.02674	0.00130
Sugarcane	0.63556	1.30493
Tobacco	0.08186	0.13467
Raw Rubber	0.16446	0.15080
Logs & Timber	0.08803	0.28811
Fodder	0.24698	0.06722
(C) MINERALS	1.52350	0.48468
a. METALLIC MINERALS	0.48859	0.29677
Bauxite	0.00757	0.01621
Chromite	0.03674	0.04567
Manganese Ore	0.03295	0.02698
Iron Ore	0.24001	0.20791
b. OTHER MINERALS	0.13463	0.18790
Phosphorite	0.01415	0.02041
Fireclay	0.00038	0.00079
Gypsum	0.00236	0.00447
Dolomite	0.00442	0.01258
Magnesite	0.00811	0.00533
Barytes	0.00249	0.00418
Limestone	0.09428	0.12425
Steatite	0.00085	0.00347
II FUEL & POWER	14.91021	14.22624
A. COAL	2.09419	1.75290
Coking Coal	0.37815	0.24148
Non- Coking Coal	1.00601	1.39670
Coke	0.62494	0.01115
Lignite	0.08509	0.10358

COMMODITY NAME	WEIGHT [2004- 05]	WEIGHT [1993- 94]
B. MINERAL OILS	9.36439	6.98964
LPG	0.91468	1.83731
Petrol	1.09015	0.88815
Kerosene	0.73619	0.68928
Aviation Turbine Fuel	0.25545	0.16953
High Speed Diesel	4.67020	2.02034
Naphtha	0.79078	0.41885
Light Diesel Oil	0.11889	0.16015
Bitumen	0.15515	0.14900
Furnace Oil	0.46505	0.49335
Lubricants	0.16785	0.16367
C. ELECTRICITY	3.45163	5.48369
Electricity ( Domestic)	0.90991	0.96026
Electricity (Commercial)	0.30025	0.27690
Electricity (Agricultural)	0.84677	1.94557
Electricity (Railway Traction)	0.09245	0.13179
Electricity (Industry)	1.30225	2.16918
MANUFACTURED PRODUCTS	64.97164	63.74850
(A) FOOD PRODUCTS	9.97396	11.53781
a. DAIRY PRODUCTS	0.56798	0.68696
Powder Milk	0.20061	0.15048
Ghee	0.21595	0.20894
Butter	0.06118	0.17938
b. CANNING, PRESERVING & PROCESSING OF FOOD	0.35785	0.04651
Canned Fish	0.05534	0.04651
c. GRAIN MILL PRODUCTS	1.34017	1.03343
Maida	0.45224	0.56538
Wheat Flour ( Atta)	0.39334	0.20629
Sooji ( Rawa )	0.08499	0.11361
d. BAKERY PRODUCTS	0.44354	0.44148
Biscuit / Cookies	0.35095	0.28070
Bread & Buns	0.06304	0.11759
Cakes & Muffins	0.02955	0.04318
e. SUGAR, KHANDSARI & GUR	2.08859	3.92876
Sugar	1.73731	3.61883
Gur	0.07763	0.05979
Khandsari	0.06133	0.17274
Bagasse	0.03946	0.07740
Sugar Confectionary	0.04360	0.08736
f. EDIBLE OILS	3.04293	2.75515
Vanaspati	0.71494	0.79891

COMMODITY NAME	WEIGHT [2004- 05]	WEIGHT [1993- 94]
Groundnut Oil	0.30438	0.17440
Rice Bran Oil	0.18489	0.26077
Cotton Seed Oil	0.26101	0.27538
Mustard & Rapeseed Oil	0.45094	0.48566
Soyabean Oil	0.37971	0.17838
Copra Oil	0.10231	0.17207
Sunflower Oil	0.17348	0.13487
Gingelly Oil	0.05128	0.05548
g. OIL CAKES	0.49441	1.41578
Cotton Seed Oil Cake	0.12928	0.22024
Mustard Oil Cake	0.04018	0.04285
Groundnut Oil Cake	0.04463	0.11195
h. TEA & COFFEE PROPROCESSING	0.71106	0.96733
Tea Leaf (Blended)	0.27219	0.21957
Tea Leaf (Unblended)	0.18048	0.44978
Coffee Powder	0.02310	0.11494
i. MANUFACTURE OF SALT	0.04810	0.15380
Salt	0.04810	0.02126
j. OTHER FOOD PRODUCTS	0.87933	0.15380
Gola (Cattle Feed)	0.11247	0.09700
(B) BEVERAGES, TOBACCO & TOBACCO PRODUCTS	1.76247	1.33912
a. WINE INDUSTRIES	0.38519	0.26892
Rectified Spirit	0.07719	0.05411
c. SOFT DRINKS & CARBONATED WATER	0.24132	0.05274
Soda Based Soft Drinks	0.09079	0.02115
Aerated Water (All Types)	0.03636	0.03159
d. MANUFACTURE OF BIDI,CIGARETTES,TOBACCO & ZARDA	0.98301	0.97461
Cigarette	0.38924	0.51216
Bidi	0.39877	0.30257
Chewing Tobacco (scented or not )	0.08192	0.03269
Zarda	0.03747	0.03557
(C) TEXTILES	7.32639	9.79992
a. COTTON TEXTILES	2.60526	4.21549
a2. COTTON FABRIC	1.22818	0.90306
Grey Cloth (Bleached / Unbleached)	0.11447	0.28240
Cotton Shirting	0.04085	0.11754
b. MAN MADE TEXTILES	2.20573	4.71892
b1. MAN MADE FIBRE	1.67244	4.40600
Polyester Yarn	0.52594	0.96320
Texturised and Twisted Yarn	0.35065	0.83009

COMMODITY NAME	WEIGHT [2004- 05]	WEIGHT [1993- 94]
Polyester Staple Fibre	0.18846	0.82124
Synthetic Yarn	0.19468	0.74186
Viscose Staple Fibre	0.11920	0.56357
Acrylic Yarn	0.06148	0.09098
Nylon Yarn	0.08589	0.10472
Viscose Yarn	0.08197	0.29033
b2. MAN MADE FABRIC	0.53329	0.31293
Mixed Fabrics	0.13711	0.08701
Cotton Knitted Fabrics	0.06212	0.12273
Other Synthetic Fabrics	0.09144	0.14837
c. WOOLLEN TEXTILES	0.29417	0.18959
Woollen Yarn	0.08510	0.05678
Woollen Cloth	0.01324	0.07266
Other Woollen Garments	0.01677	0.06014
d. JUTE HEMP & MESTA TEXTILES	0.26129	0.67592
Tyre Cord Fabric	0.04212	0.04091
(D) WOOD & WOOD PRODUCTS	0.58744	0.17306
a. TIMBER / WOODEN PLANKS	0.18139	0.11606
Sawn/Resawn Timber/Wooden Planks	0.07735	0.11606
(E) PAPER & PAPER PRODUCTS	2.03350	2.04403
a. PAPER & PULP	1.01910	1.22881
Printing and Writing Paper	0.48195	0.31610
Kraft Paper & Bags	0.25233	0.27961
Newsprint	0.07951	0.29696
Paper for Printing / Poster	0.02177	0.04067
Maplitho Paper	0.02789	0.07985
Cream Laid woven Paper	0.00765	0.09241
Paper Pulp	0.00697	0.12321
c. PRINTING & PUBLISHING	0.46461	0.57807
Books/ Periodicals/ Journals	0.26010	0.25600
Newspaper	0.12882	0.32207
(F) LEATHER & LEATHER PRODUCTS	0.83509	1.01933
(G) RUBBER & PLASTIC PRODUCTS	2.98697	2.38819
a. TYRES & TUBES	0.54128	1.28627
a1. TYRES	0.48809	1.14439
Cab/Car Tyre	0.19729	0.21138
Bus/truck Tyre	0.16697	0.76218
Tractor Tyre	0.04438	0.08301
Cycle /Cycle rickshaw Tyre	0.03526	0.08783
a2. TUBES	0.05319	0.14188
Cycle / Rickshaw Tube	0.01822	0.09169

COMMODITY NAME	WEIGHT [2004- 05]	WEIGHT [1993- 94]
b. PLASTIC PRODUCTS	1.86134	0.93687
Plastic/PVC Pipe	0.17752	0.29728
Plastic Components / Accessories	0.12660	0.05276
Plastic/ PVC Suitcases	0.01501	0.06692
Plastic Containers	0.07174	0.08172
c. RUBBER PRODUCTS	0.58435	0.16505
Rubber Foot wear	0.09692	0.08655
(H) CHEMICALS & CHEMICAL PRODUCTS	12.01770	11.93121
a. BASIC INORGANIC CHEMICALS	1.18734	1.44608
Oxygen	0.10545	0.04318
Titanium Dioxide	0.04102	0.05439
Chlorine	0.05042	0.06757
Nitrogen (Gas / Liquid)	0.01284	0.05703
b. BASIC ORGANIC CHEMICALS	1.95204	0.45456
Phenol or Phenol Extract	0.05363	0.04384
c. FERTILIZERS & PESTICIDES	3.14464	4.16386
c1. FERTILIZERS	2.66123	3.68920
Urea	1.57884	2.15577
Ammonium Sulphate	0.02168	0.19942
c2. PESTICIDES	0.48341	0.47466
Endosulfan	0.01688	0.07450
d. PAINTS, VARNISHES & LACQUERS	0.52932	0.49576
Paints	0.37360	0.20371
Lacquer & Varnishes	0.02511	0.05175
Thinner	0.01574	0.12921
f. DRUGS & MEDICINES	0.45610	2.53187
Antibiotics	0.20605	0.09493
Ayurvedic Medicines	0.05277	0.04054
g. PERFUMES, COSMETICS, TOILETRIES ETC	1.13048	0.97768
Toilet Soap	0.26840	0.25810
Washing Soap	0.23250	0.16976
Washing Powder	0.14666	0.36457
Tooth Paste / Tooth Powder	0.11015	0.13844
Hair / Body Oils	0.09490	0.04681
i. POLYMERS INCLUDING SYNTHETIC RUBBER	0.97000	--
Synthetic Resin	0.29233	0.05307
Synthetic Rubber	0.06476	0.18921
j. PETROCHEMICAL INTERMEDIATES	0.86947	--
Rubber Chemicals	0.06007	0.10416
k. MATCHES,EXPLOSIVES & OTHER CHEMICALS	0.62902	0.94010
Safety Matches/ Match Box	0.08561	0.11504

COMMODITY NAME	WEIGHT [2004- 05]	WEIGHT [1993- 94]
Explosives	0.09209	0.06889
Additives	0.04659	0.08076
(I) NON- METALLIC MINERAL PRODUCTS	2.55597	2.51591
b. GLASS,EARTHENWARE, CHINAWARE & THEIR PRODUCTS	0.25567	0.23674
Glass Bottles & Bottleware	0.07656	0.16746
d. CEMENT, SLATE & GRAPHITE PRODUCTS	0.25583	0.31860
Asbestos Corrugated Sheet	0.04408	0.11048
Railway Sleeper	0.03565	0.09898
(J) BASIC METALS, ALLOYS & METAL PRODUCTS	10.74785	8.34186
a. FERROUS METALS	8.06382	6.20612
a2. STEEL: LONG	1.62997	--
Angles	0.11215	0.27319
Joist & Beams	0.04904	0.06548
Rails	0.10725	0.14739
a3. STEEL: FLAT	2.61065	--
Plates	0.55376	0.30679
CRC	0.44658	0.13733
a6. CASTINGS & FORGINGS	0.87124	0.89559
Iron Castings	0.21320	0.12433
Steel Castings	0.56725	0.04365
a7. FERRO ALLOYS	0.13741	0.08510
Ferro Manganese	0.02806	0.05542
Ferro Silicon	0.01401	0.02967
b. NON- FERROUS METALS	1.00398	1.46625
b1. ALUMINIUM	0.48921	0.85317
Aluminium Ingots	0.20750	0.33180
Aluminium Foil /Foil Bag	0.03403	0.10202
Aluminium Utensils	0.04034	0.16283
b2. OTHER NON- FERROUS METALS	0.51477	0.61308
Copper Wire (All Types)	0.05044	0.18245
Brass	0.05071	0.02943
Lead	0.01104	0.03164
C. METAL PRODUCTS	1.68005	0.66949
Iron & Steel Wire	0.23264	0.08019
Furniture	0.09536	0.04978
Pipes/Tubes/Rods/Strips	0.04920	0.38771
Metal Containers	0.09286	0.17706
Chain	0.01304	0.03016
(K) MACHINERY & MACHINE TOOLS	8.93148	8.36331
b. INDUSTRIAL MACHINERY	1.83759	0.56804

COMMODITY NAME	WEIGHT [2004- 05]	WEIGHT [1993- 94]
Boiler & Accessories	0.25273	0.18061
Industrial Furnaces	0.02249	0.05577
Material Handling Equipments	0.05072	0.07830
Cranes	0.04647	0.05060
Industrial Valves	0.15605	0.09160
e. AIR CONDITIONER & REFRIGERATORS	0.42879	--
Air Conditioners	0.22151	0.08790
f. NON- ELECTRICAL MACHINERY	1.02563	0.98909
Engines	0.07471	0.51190
Compressors	0.18293	0.16509
Sewing Machines	0.02013	0.06094
g. ELECTRICAL MACHINERY, EQUIPMENT & BATTERIES	2.34277	0.00000
Electrical Pumps	0.15890	0.05651
Relay /Contacter	0.03193	0.09160
Electrolytic Condensers	0.00898	0.07128
Electric Generators	0.42902	0.29769
Batteries	0.12073	0.13887
Battery Dry cells	0.06986	0.13592
h. ELECTRICAL ACCESSORIES, WIRES, CABLES ETC.	1.06278	--
Conductor	0.15496	0.07313
Lamps	0.03755	0.09344
Fluorescent Tubes	0.03744	0.04986
PVC Insulated Cable	0.38443	0.19760
Electrical Wires	0.15810	0.15364
i. ELECTRICAL APPARATUS & APPLIANCES	0.33666	--
Fans	0.10242	0.13038
j. ELECTRONICS ITEMS	0.96117	--
Semiconductor Devices	0.01485	0.07904
Capacitors	0.02454	0.06611
(L) TRANSPORT, EQUIPMENT & PARTS	5.21282	4.29475
a. AUTOMOTIVES	4.23106	--
Auto Rickshaw / Tempo / Matador	0.29308	0.06498
b. AUTO PARTS	0.80388	--
Crankshafts	0.02227	0.05090
c. OTHER TRANSPORT EQUIPMENTS	0.17788	--
Bi- Cycles	0.07706	0.22490

## List of new items added or revised in WPI Series [2004- 05]

COMMODITY NAME	WEIGHT
ALL COMMODITIES	100.00000
I PRIMARY ARTICLES	20.11815
(A) FOOD ARTICLES	14.33709
b2. FRUITS	2.10717
Lemon	0.07225
(B) NON- FOOD ARTICLES	4.25756
c. OTHER NON- FOOD ARTICLES	1.38642
Gaur Seed	0.04830
d. FLOWERS	0.21326
Rose	0.14928
Jasmine	0.03199
Marigold	0.03199
(C) MINERALS	1.52350
a. METALLIC MINERALS	0.48859
Copper Ore	0.15892
Zinc Concentrate	0.01240
b. OTHER MINERALS	0.13463
Kaolin	0.00616
Graphite	0.00077
Sillimanite	0.00066
c. CRUDE PETROLEUM	0.90028
Crude Petroleum	0.90028
(A) FOOD PRODUCTS	9.97396
a. DAIRY PRODUCTS	0.56798
Ice Cream	0.05063
Condensed Milk	0.03961
b. CANNING, PRESERVING & PROCESSING OF FOOD	0.35785
Fish Meal	0.05941
Processed Prawn	0.11517
Canned Meat	0.03554
Vegetables Seeds	0.09239
c. GRAIN MILL PRODUCTS	1.34017
Gram Powder (Besan)	0.09734
Rice Bran	0.11785
Wheat Bran	0.09066
Beaten Rice Flakes (Chire)	0.03750
Maize Atta	0.01572
Other Grain Mill Products	0.05053

COMMODITY NAME	WEIGHT
e. SUGAR, KHANDSARI & GUR	2.08859
Molasses	0.12926
f. EDIBLE OILS	3.04293
Palm Oil	0.41999
g. OIL CAKES	0.49441
Rice Bran Extraction	0.09174
Other Oil Cakes	0.18858
h. TEA & COFFEE PROCCESING	0.71106
Tea Dust (Blended)	0.13716
Tea Dust (Unblended)	0.09813
j. OTHER FOOD PRODUCTS	0.87933
Cashew Kernel	0.38299
Papad	0.08081
Cashew nut (Roasted)	0.01367
Mixed Spices	0.06599
Pickles	0.02476
Soya Preparations (Excluding Oil)	0.05937
Readymade / Instant Food Powder	0.13927
(B) BEVERAGES, TOBACCO & TOBACCO PRODUCTS	1.76247
a. WINE INDUSTRIES	0.38519
IMFL - Blended	0.23181
IMFL - Malted but not Blended	0.07619
b. MALT LIQUOR	0.15295
Beer	0.11454
Toddy (or Taddy)	0.03841
c. SOFT DRINKS & CARBONATED WATER	0.24132
Soft Drink Concentrates	0.07247
Non- Alcoholic Beverages (All Types)	0.01936
Mineral Water	0.02234
d. MANUFACTURE OF BIDI,CIGARETTES,TOBACCO & ZARDA	0.98301
Dried Tobacco	0.07561
(C ) TEXTILES	7.32639
a. COTTON TEXTILES	2.60526
a1. COTTON YARN	1.37708
Cotton Yarn (Unbleached)	0.74777
Cotton Yarn (Bleached)	0.41536
Cotton Yarn (Dyed)	0.12445
Finished / processed cotton yarn (not knitted)	0.06910
Finished / processed cotton yarn (knitted)	0.02040
a2. COTTON FABRIC	1.22818
Cotton Cloth finished /processed	0.45315

COMMODITY NAME	WEIGHT
Cotton Textiles Dyed/printed	0.12916
Bed Cover & Bed Sheet	0.12382
Other Cotton Hosiery Goods	0.17551
Cotton Linters	0.02472
Cotton Trousers / Pants	0.04270
Cotton Towel Cloth	0.02716
Cotton Durries	0.08191
Furnishing cloth	0.01473
b. MAN MADE TEXTILES	2.20573
b1. MAN MADE FIBRE	1.67244
Acrylic Fibre	0.04322
Synthetic Fibres	0.02095
b2. MAN MADE FABRIC	0.53329
Synthetic Suitings (incl.blended)	0.09791
Synthetic Grey Cloth	0.06862
Nylon Thread	0.02202
Polyethylene Fabrics	0.05407
c. WOOLLEN TEXTILES	0.29417
Woollen Carpets	0.04294
Woollen Shawls	0.01782
Woollen Hosiery goods	0.02122
Woollen Cardigans/Sweaters	0.08029
Blankets	0.01679
d. JUTE HEMP & MESTA TEXTILES	0.26129
Jute Sacking Cloth	0.10076
Jute Sacking Bag	0.04520
Jute Yarn	0.02054
Gunny and Hessian Cloth	0.05267
e. OTHER MISC. TEXTILES	1.95994
Cotton Shirts	1.50468
Terene Garments	0.14791
Cotton Children suits	0.09230
Terry Towel	0.05603
Gunny bags (Non Laminated)	0.02166
Coir Mats & Matting	0.06573
Cotton Under Garments	0.02955
Cotton Pillow Cover	0.01454
Cotton Dressing Gown	0.02754
(D) WOOD & WOOD PRODUCTS	0.58744
a. TIMBER / WOODEN PLANKS	0.18139
Sawn Timber Posts / Squares	0.10404
b. PROCESSED WOOD	0.12756

COMMODITY NAME	WEIGHT
Processed/ Sized Wood Cutting	0.08479
Wooden Almirah / Cabinets/ Cupboard	0.01439
Wooden Crates & Packing Box	0.01557
Wooden Chair	0.01281
c. PLYWOOD & FIBRE BOARD	0.24088
Plywood Board	0.16826
Insulation Board	0.07262
d. OTHERS	0.03761
Veneered Particle Board	0.02661
Veneer Wood,	0.01100
(E) PAPER & PAPER PRODUCTS	2.03350
a. PAPER & PULP	1.01910
Laminated Paper	0.03991
Computer Stationery	0.03240
Paper Rolls	0.03514
Paper Cone & Tube	0.03358
b. MANUFACTURE OF BOARDS	0.54979
Corrugated Sheet Boxes	0.30223
Paper Cartons / boxes	0.12391
Bristle Paper Board	0.08119
Card Board	0.04246
c. PRINTING & PUBLISHING	0.46461
Other Printing and Publishing	0.07569
(F) LEATHER & LEATHER PRODUCTS	0.83509
a. LEATHERS	0.22325
Vegetable Tanned Leather	0.13172
Crome Tanned Leather	0.07709
Leather Shoe lining	0.01444
b. LEATHER FOOTWEAR	0.40908
Leather Shoe Upper	0.15075
Foot Wear/ Safety Boot	0.12214
Leather Chappals/ sandals	0.02578
Leather Sole	0.01555
Other Leather Foot Wear	0.09486
c. OTHER LEATHER PRODUCTS	0.20276
Leather Garments & Jackets	0.11083
Leather Bags	0.02739
Leather Handbags / Wallets	0.03987
Leather Gloves	0.01204
Leather Harness Goods	0.01263
(G) RUBBER & PLASTIC PRODUCTS	2.98697
a. TYRES & TUBES	0.54128

COMMODITY NAME	WEIGHT
a1. TYRES	0.48809
Scooter / Motor cycle Tyre	0.04419
a2. TUBES	0.05319
Motor Tube	0.02531
Other Rubber Tubes	0.00966
b. PLASTIC PRODUCTS	1.86134
Rigid PVC	0.11032
Plastic/LDPE/Polythene Bag	0.15286
Plastic Films & sheets	0.17118
Polythene/Plastic Granules	0.07706
Plastic Bottles	0.02883
Plastic Cabinet	0.00913
Dot pen with refill	0.06091
Tooth brush	0.01001
Plastic/PVC Shoes	0.02015
Syringe	0.00981
Polyester Film	0.23888
Polyester Chips	0.14318
Expandable Polystyrene	0.12307
V Belt	0.00995
Plastic/PVC Chappals	0.01317
Plastic Rolls	0.08010
Polythene/PVC Foam	0.02016
HDPE Bag	0.05482
HDPE Woven Sacks	0.04176
HDPE Woven Fabric	0.01172
Other Plastic Products	0.08340
c. RUBBER PRODUCTS	0.58435
Rubber Seat Assembly	0.17147
Seamless Tubes & Pipes	0.11786
Rubber Moulded goods	0.02264
Synthetic rubber compound	0.02218
Reclaimed Rubber	0.01381
Rubber Components & Parts	0.01645
Automobile Rubber Padding	0.02067
Rubber Brakes	0.01309
Rubber Transmission belt	0.00978
Foot Ball	0.00425
Other Rubber Products	0.07523
(H) CHEMICALS & CHEMICAL PRODUCTS	12.01770
a. BASIC INORGANIC CHEMICALS	1.18734
Carbon & It's Compound	0.09959

COMMODITY NAME	WEIGHT
Acid (Inorganic)	0.17510
Caustic Soda & Soda Ash	0.28445
Lime & Calcium Carbonate	0.02199
Alumina & Aluminium Salt	0.06033
Zirconion Silicate	0.00440
Hydrogen Peroxide	0.00992
Zinc Oxide	0.01866
Sodium Salt	0.06629
Carbon Di- Sulphide	0.00504
Ammonia (Gas / Liquid)	0.06135
Argon Gas	0.01074
Carbon Dioxide Gas	0.00696
Hydrogen	0.00504
Foundry Chemical	0.01595
Other Inorganic Chemicals	0.13180
b. BASIC ORGANIC CHEMICALS	1.95204
Fatty Acid	0.04748
Acetic Acid & Its Derivatives	0.11208
Alcohol & Mixture	0.17609
Amines	0.01756
Glycol	0.10957
Fatty Alcohol	0.07987
Naphthalene / Aniline	0.15514
Vegetable Starch	0.03645
Essence/Flavour used in food products.	0.01563
Ice Block/ Cube (non edible)	0.04640
Brine Water / Distilled Water	0.01805
Organic Solvent	0.14188
Formaldehyde	0.02056
Menthol	0.03020
Acid (Organic)	0.03369
Aromatic Chemicals	0.02305
Leather Chemicals	0.02635
Petrochemical Building Blocks	0.64780
Other Organic Chemicals	0.16056
c. FERTILIZERS & PESTICIDES	3.14464
c1. FERTILIZERS	2.66123
Other Nitrogenous Fertilizer	0.05892
Di Ammonium Phosphate	0.48672
Dicalcium Phosphate	0.00924
Other Phosphatic Fertilizers	0.25581
Organic Manure	0.22135

COMMODITY NAME	WEIGHT
Fertilizer (Others)	0.02867
c2. PESTICIDES	0.48341
Cypermethrin	0.01267
Weedicides	0.05071
Insecticides	0.17404
Other Pesticides	0.22911
d. PAINTS, VARNISHES & LACQUERS	0.52932
Chemical Colours	0.00428
Distemper	0.00777
Ink	0.10282
e. DYESTUFFS & INDIGO	0.56298
Dye & Dye Intermediates	0.43397
Pigment & Pigment Intermediates	0.12901
f. DRUGS & MEDICINES	0.45610
Vitamins	0.00957
Vaccines	0.04597
Paracetamol/Analgesic	0.00958
Antacid and Digestive Preparations	0.03685
Gelatine Capsules ( empty)	0.02658
Others	0.06873
g. PERFUMES, COSMETICS, TOILETRIES ETC	1.13048
Floor Cleaners	0.00405
Bleaching Powder	0.01237
Perfume / Scent	0.06284
Cream / Moisturizer	0.07991
Face / Body Powder	0.01802
Other Flavoured Powder	0.00646
Shampoo	0.03477
Wax	0.04327
Shaving Cream	0.00383
Hair Dye	0.01235
h. TURPENTINE, PLASTIC CHEMICALS	0.58631
Thermocol	0.23400
Olio Resin & Gelatin	0.07540
Adhesive & Gum	0.13088
Turpentine Oil	0.03956
Other Plastic Chemicals	0.10647
i. POLYMERS INCLUDING SYNTHETIC RUBBER	0.97000
Polymers	0.59386
Polymer Products	0.01905
j. PETROCHEMICAL INTERMEDIATES	0.86947
Non- Cyclic Compound	0.42764

COMMODITY NAME	WEIGHT
Glycol	0.10588
Polyol	0.05757
Sulphur & Sulphur Powder	0.02197
Other Petrochemical Intermediates	0.19634
k. MATCHES,EXPLOSIVES & OTHER CHEMICALS	0.62902
Agarbattis	0.08707
Photographic Goods	0.20139
Castor Oil	0.09758
Yeast used in Food Industry	0.00668
Hardeners	0.01201
(I) NON- METALLIC MINERAL PRODUCTS	2.55597
a. STRUCTURAL CLAY PRODUCTS	0.65801
Bricks & Tiles	0.34117
Polished Granite	0.06325
Marbles	0.10682
Stone (Chip/Crushed/fnished/Slab)	0.14677
b. GLASS,EARTHENWARE, CHINAWARE & THEIR PRODUCTS	0.25567
Laminated Glass	0.01765
Fibre Glass & Glass Sheet	0.03927
Toughened Glass	0.04330
Pressed Glassware	0.02517
Ophthalmic Lens	0.00852
Glass Vials	0.00980
Non- Ferrous Sanitary fittings	0.01838
Filter Elements	0.00921
Porcelain Crockery	0.00781
c. CEMENT & LIME	1.38646
Grey Cement	1.26347
White Cement	0.03099
Slag Cement	0.07783
Lime	0.01417
d. CEMENT, SLATE & GRAPHITE PRODUCTS	0.25583
Graphite Rods	0.06030
Graphite Amorphous	0.00715
Pencil	0.00643
Concrete Poles & Posts	0.02858
Hume Pipes & Spun Pipes	0.01928
Other Cement Product,	0.05436
(J) BASIC METALS, ALLOYS & METAL PRODUCTS	10.74785
a. FERROUS METALS	8.06382
a1. IRON & SEMIS	1.56301
Sponge Iron	0.26878

COMMODITY NAME	WEIGHT
Pig Iron	0.38921
Melting Scrap	0.09544
Pencil Ingots	0.58954
Billets	0.05887
Slab	0.16117
a2. STEEL: LONG	1.62997
Rebars	0.73617
Rounds	0.40622
Wire Rods	0.21914
a3. STEEL: FLAT	2.61065
HRC	1.39672
GP/GC Sheets	0.21359
a4. STEEL: PIPES & TUBES	0.31396
Welded Pipe	0.31396
a5. STAINLESS STEEL & ALLOYS	0.93758
Steel Rods	0.08639
Sheets	0.41503
Steel	0.03323
Other Alloys	0.40293
a6. CASTINGS & FORGINGS	0.87124
Die Forging & Stamping	0.09079
a7. FERRO ALLOYS	0.13741
Ferro Chrome	0.09534
b. NON- FERROUS METALS	1.00398
b1. ALUMINIUM	0.48921
Aluminium Coils/Rolls	0.05280
Aluminium & Alloys	0.03195
Aluminium Casting	0.03661
Aluminium Seals	0.01101
Aluminium Pipe & Tubes	0.01572
Aluminium Wire	0.05925
b2. OTHER NON- FERROUS METALS	0.51477
Copper / Copper Ingots	0.14717
Copper Products (other than wire)	0.14256
Zinc	0.04667
Chromium / Chrome	0.01528
Non Ferrous Alloys	0.01152
Non- Ferrous Casting & Forging	0.03938
C. METAL PRODUCTS	1.68005
Gold & Gold Ornaments	0.36399
Silver	0.01083
Other Metal Wires & Wire products	0.05047

COMMODITY NAME	WEIGHT
Nuts/Bolts/Screw/ Washers	0.08352
Cylinder	0.06602
Cylinder Liners	0.01010
Steel Structures	0.12190
Steel Balls	0.01619
Fabricated Metal Products	0.12246
Fixtures	0.06451
Steel Frames	0.01790
Metal Moulds and Dyes	0.04029
Cistern Fittings/Iron& steel	0.00994
Welding Rods	0.02286
Utensils(other than Aluminium)	0.07917
Pressure Cooker	0.01137
Locks	0.02844
Safety Helmet	0.00093
Other Metal Products	0.07606
(K) MACHINERY & MACHINE TOOLS	8.93148
a. AGRICULTURAL MACHINERY & IMPLEMENTS	0.13899
Harvester	0.00929
Sprinkler	0.00916
Thresher	0.01024
Separators & Driers	0.01689
Other Agriculture Implements	0.09341
b. INDUSTRIAL MACHINERY	1.83759
Coupling	0.00996
Filtration Equipment	0.01816
Textile Machinery	0.15094
Rubber Machinery	0.01243
Lifts	0.04777
Oil Mill Machinery	0.01034
Rice Mill Machinery	0.01209
Sugar Machinery	0.03470
Food/ Beverages/Tobacco Processing Machinery	0.00563
Mining/Quarrying/Metallurgical Machinery/Parts.	0.03860
Plastic Machinery	0.08225
Fasteners	0.05638
Ball/Roller Bearing	0.17774
Pump & Assembly	0.10241
Drive Equipment	0.00649
Heat Exchanger	0.08097
Hydraulic Equipment	0.04504
Pneumatic Tools	0.00763

COMMODITY NAME	WEIGHT
Chemical Plant Equipments	0.14844
Other Industrial Machinery	0.26116
c. CONSTRUCTION MACHINERY	0.04487
Loader	0.01029
Concrete Vibrator & Mixture	0.01260
Other Construction Machinery / Equipment	0.02198
d. MACHINE TOOLS	0.36702
Drilling Machines	0.00734
Lathes	0.02070
Grinding Wheels	0.01609
Cutting Machine	0.00529
Gear Cutting Machines	0.31760
e. AIR CONDITIONER & REFRIGERATORS	0.42879
Refrigerators	0.19422
Chillers	0.01306
f. NON- ELECTRICAL MACHINERY	1.02563
Earth Moving Machinery	0.19193
Meters / Starter (non- electrical)	0.03060
Watches	0.01828
Weighing Scales	0.01383
Solar Power System & Windmill	0.04540
Other Non Electrical Machinery	0.44782
g. ELECTRICAL MACHINERY, EQUIPMENT & BATTERIES	2.34277
Transformer	0.42227
Electric Motors	0.17398
Power Supply (DC)	0.01015
Electric Switch Gears	0.17084
Electric Connectors / Plugs /Sockets/holders	0.02510
Electric Switches	0.06193
Converter / Inverter	0.05136
Electric Motor Starters	0.03319
Control equipments	0.25827
Regulators	0.04590
Distribution Boards	0.01862
Other Electric Meter	0.08266
Electrical Stamping Lamination	0.03941
Electrical Signaling Equipment	0.00661
Battery Charger	0.01705
Other Electric Machinery & Equipments	0.10601
h. ELECTRICAL ACCESSORIES, WIRES, CABLES ETC.	1.06278
Insulators	0.05225
Magnets	0.02899

COMMODITY NAME	WEIGHT
Air Break Switches/Circuit Breaker	0.07377
Kit- Kat /Fuse / Fuse wire	0.00619
Heating Elements	0.01266
Other Electric Accessories	0.11644
i. ELECTRICAL APPARATUS & APPLIANCES	0.33666
Washing / Laundry Machines	0.07224
Grinding /Wet Coffee Machinery	0.02352
Flash Light/ Torch	0.01289
UPS / Stabilizer	0.11542
Microwave Oven	0.01017
j. ELECTRONICS ITEMS	0.96117
T.V.Sets	0.48621
T.V. Accessories	0.17012
Sensors	0.00856
Optical Instruments	0.00810
Video CD Player	0.00879
Resistance /Resistor	0.00755
Electronic PCB /Micro Circuit	0.06083
Amplifier	0.00525
Computer Power Supply System (SMPS)	0.03223
Fibre Optic Cable	0.02050
Other Electronics Items	0.11364
k. IT HARDWARE	0.26700
Computers	0.17865
Computer Peripherals	0.08835
l. COMMUNICATION EQUIPMENTS	0.11821
Telecommunication Exchange	0.04197
Dish Antenna	0.00781
Other Communication Equipments	0.06843
(L) TRANSPORT, EQUIPMENT & PARTS	5.21282
a. AUTOMOTIVES	4.23106
Motor Vehicles	1.89760
Tractors	0.40572
Bus / Mini bus / Truck	0.74745
Motor Cycle / Scooter / Moped	0.88050
Trolleys / Tanker	0.00671
b. AUTO PARTS	0.80388
Gear Boxes & Parts	0.18625
Steering Gears	0.02478
Carburetors	0.01690
Clutch & Clutch Plates	0.02992
Suspension	0.04473

COMMODITY NAME	WEIGHT
Axle	0.07160
Wheels & Parts	0.04398
Fuel Injection Equipments	0.10538
Silencer & Damper	0.01422
Wiper/Blade/Arm etc	0.00368
Piston & Compressor	0.06323
Coil Assembly (Ignition)	0.00930
Slider	0.00109
Engine Assembly & Chassis	0.08580
Gauges	0.00112
Geared Motor	0.00598
Radiator & Coolers	0.03901
Electric Magnet Brakes	0.00790
Lamp	0.02136
Horn	0.00538
c. OTHER TRANSPORT EQUIPMENTS	0.17788
Railway Brake Gear	0.00417
Railway Axle & wheel	0.03183
Other Rail Equipments	0.00812
Parts of Ships/Boats etc.	0.01321
Shafts (All Kinds)	0.04349

## Broad Group Wise Weights and Price Quotations

Major Group / Group	WEIGHT		NO. OF ITEMS					NO. OF QUOTATIONS		
	2004-05	1993-94	2004-05	1993-94	Common	dropped/ revised from old series	new items added or revised	2004-05	1993-94	Common
All Commodities	100.00	100.00	676	435	259	176	417	5482	1918	595
I Primary Articles	20.12	22.03	102	98	91	7	11	579	455	320
(A) Food Articles	14.34	15.40	55	54	54	0	1	431	340	245
(B) Non- Food Articles	4.26	6.14	29	25	25	0	4	108	96	62
(C) Minerals	1.52	0.48	18	19	12	7	6	40	19	13
II Fuel & Power	14.91	14.23	19	19	19	0	0	72	72	57
A. Coal	2.09	1.75	4	4	4	0	0	20	20	5
B. Mineral Oils	9.36	6.99	10	10	10	0	0	47	47	47
C. Electricity	3.45	5.48	5	5	5	0	0	5	5	5
Manufactured Products	64.97	63.75	555	318	149	169	406	4831	1391	218
(A) Food Products	9.97	11.54	57	41	32	9	25	406	168	54
(B) Beverages, Tobacco & Tobacco Products	1.76	1.34	15	11	7	4	8	102	49	16
(C) Textiles	7.33	9.80	55	29	17	12	38	457	100	18
(D) Wood & Wood Products	0.59	0.17	10	2	1	1	9	64	9	0
(E) Paper & Paper Products	2.03	2.04	18	11	9	2	9	138	67	15
(F) Leather & Leather Products	0.84	1.02	13	1	0	1	13	91	9	0
(G) Rubber & Plastic Products	2.99	2.39	45	15	10	5	35	351	55	19
(H) Chemicals & Chemical Products	12.02	11.93	107	69	24	45	83	1111	276	41
(I) Non- Metallic Mineral Products	2.56	2.52	26	9	3	6	23	225	42	2
(J) Basic Metals, Alloys & Metal Products	10.75	8.34	69	53	20	33	49	696	203	10
(K) Machinery & Machine Tools	8.93	8.36	107	56	23	33	84	903	312	43
(L) Transport, Equipment & Parts	5.21	4.29	33	21	3	18	30	287	101	0

## List of items dropped / revised from WPI Series (1993- 94)

S. NO.	NAME OF COMMODITY	WEIGHT [93- 94]
1	Fluorite	0.00237
2	Kaolin (China clay)	0.00659
3	Asbestos	0.00044
4	Silica sand	0.00252
5	Felspar	0.00018
6	Ochre	0.00028
7	Vermiculite	0.00004
8	Baby Food(all kinds)	0.14815
9	Bran (all kinds)	0.14815
10	Solvent extracted groundnut oil	0.02325
11	Imported edible oil	0.04617
12	Unrefined oil	0.14982
13	Deoiled cake	1.04074
14	Packed tea	0.12191
15	Processed Tea	0.06112
16	Malted food	0.05680
17	Indian made foreign spirit	0.14559
18	Potable Country Liquor	0.06922
19	Beer & alcohol	0.04285
20	Pan Masala	0.09161
21	Cotton Yarn- 'Hanks	1.51135
22	Cotton Yarn- Cones	1.51136
23	Other Cotton Yarn	0.28972
24	Long cloth/sheeting	0.06197
25	Dhoties,sarees & voils	0.04244
26	Cotton Grey Drills & Jeans	0.10044
27	Cotton Grey Cloth & Canvas	0.04732
28	Miscellaneous Cotton Cloth	0.25095
29	Terry Cotton Shirtings	0.07754
30	Hessian cloth	0.21187
31	Hessian & sacking bags	0.16364
32	Tyre Cord	0.13677
33	Plywood commercial planks	0.05699
34	Duplex board	0.08344
35	Other boards(all kinds)	0.15371
36	Footwear Western type	1.01933
37	Giant tubes	0.05019
38	Decorative laminates	0.05276

S. NO.	NAME OF COMMODITY	WEIGHT [93- 94]
39	Plastic Items	0.10874
40	Injection Moulded Plastic Items	0.27669
41	Canvas Footwear	0.07850
42	Caustic Soda (sodium hydroxide)	0.34347
43	Soda Ash (Sodium Carbonate)	0.29601
44	Acid(all kinds)	0.35369
45	Oxygen gas in cylinder	0.23074
46	Benzene	0.14207
47	Acetylene	0.09526
48	Purified Terephthalic Acid (PTA)	0.10713
49	Methanol	0.06626
50	Complex fertilizer N_content	0.10482
51	Di_ammonium phosphate N- content	0.11504
52	Super phosphate P205 content	0.12592
53	Complex fertilizers- NPK content	0.45752
54	Calcium Ammonium Nitrate N- Content	0.08801
55	Diammonium Phosphate	0.36424
56	Other Fertilizers	0.07845
57	Pesticides	0.32963
58	Monocrotophos	0.07054
59	Enamels	0.11108
60	Organic pigments	0.09856
61	Pigments	0.07647
62	Vitamin tablets (A,B,C,D & others)	0.03988
63	Vitamin liquids	0.05175
64	Penicillin	0.08208
65	Powder/granules other than vitamins	0.05043
66	Liquid oral other than vitamins	0.51455
67	Liquid Injectables other than vitamins	0.13680
68	Capsules other than vitamin & antibiotics	0.37413
69	Tablets except vitamin & penicillin	0.75551
70	Ointments	0.07450
71	Syrup	0.12229
72	Trimethoprim	0.05538
73	Sulpha methoxazole	0.08702
74	Ampicillin Trihydrate	0.05208
75	P.V.C. resins	0.06494
76	Epoxy Resins	0.08043
77	Polystyene	0.12427
78	Resins(all kinds)	0.04780
79	BOPP Film	0.08241
80	Cine colour positive	0.15690

S. NO.	NAME OF COMMODITY	WEIGHT [93- 94]
81	Printing ink	0.07746
82	Carbon black	0.17207
83	Fireworks	0.04615
84	Medical X- Ray Films	0.09328
85	Roll Films	0.06395
86	Tape for Blank Cassettes	0.06560
87	Fire bricks	0.12252
88	Building bricks	0.04681
89	Ceramic tiles	0.06019
90	Sheet glass	0.06928
91	Cement	1.73105
92	Electrodes	0.10914
93	Basic pig iron	0.18638
94	Foundary pig iron	0.25823
95	Steel ingots(plain carbon)	0.04365
96	Blooms	0.15376
97	Billets & slabs	0.66188
98	Skelps	0.05248
99	Bars & rods	1.24088
100	MS Bars & Rounds	0.04095
101	Alloy Stainless Steel	0.09540
102	MS/SS Ingots	0.25749
103	Ordinary Casting	0.28030
104	Forging	0.03286
105	Heavy Light structurals	0.18074
106	Bright bars	0.08632
107	Steel wire Ropes	0.09147
108	CR Sheets	0.19987
109	Narrow CR Steel Strips	0.14591
110	Wire(all kinds)	0.16136
111	Cast Iron Spun Pipes	0.15548
112	Steel Sheets,Plates & Strips	0.13365
113	Other Iron Steel	0.09589
114	Aluminium Bars & Rods	0.15548
115	Aluminium Sheets & Strips	0.09589
116	Aluminium rolled products	0.07970
117	Other Aluminium Material	0.03826
118	Aluminium Extrusion	0.05003
119	Copper bars & rods	0.16700
120	Zinc	0.09760
121	Zinc Ingots	0.04659
122	Nickel Alloy	0.05837

S. NO.	NAME OF COMMODITY	WEIGHT [93- 94]
123	Barrels	0.06180
124	LPG Cylinder	0.05640
125	Bolts & nuts	0.13145
126	Complete Tractors	0.72760
127	Agricultural Implements	0.06870
128	Tractor Components & Accesories	0.05097
129	Excavator	0.10637
130	Hydraulic Machine	0.04654
131	Ring spinning & doubling frames	0.12336
132	Other Textile Machinery	0.14737
133	Carding Machine	0.06685
134	Powerlooms Automatic	0.04654
135	Textile Machinery Parts	0.08347
136	Printing Machine	0.10046
137	Hydraulic Pumps	0.04580
138	Mono Block Pumps	0.06611
139	Other Pumps	0.07128
140	Ball bearings	0.22973
141	Roller Bearings	0.11413
142	Switch gears	0.18504
143	Components & accessories of switch gears	0.04432
144	Electric Motors:phase one	0.14478
145	Electric Motors:phase three	0.20942
146	Other Electrical Equipment & Systems	0.24524
147	Electric Motors	0.05429
148	Other Electrical Instruments & Systems	0.10120
149	Electronic IC's	0.16473
150	Rubber insulated cables	0.06242
151	Other cables	0.20166
152	Jelly Filled Telephone Cables	0.38781
153	Telephone Instruments	0.05208
154	Electronic Equipment	0.23564
155	T.V. sets(B&W)	0.37192
156	TV sets(Colour)	0.33056
157	Picture Tubes (Colour)	0.09160
158	Computer & Computer Based Systems	0.46758
159	Broad Gauge Passenger Carriage	0.13176
160	Broad Gauge Other Coaching Vehicles	0.09458
161	Broad Gauge diesel locomotives	0.09133
162	Truck chassis(diesel)	0.84292
163	Car chassis(assembled)	0.83787
164	Bus chassis(diesel)	0.25703

S. NO.	NAME OF COMMODITY	WEIGHT [93- 94]
165	Body manufactured for trucks,vans etc	0.14656
166	Body manufactured for Buses	0.08050
167	Trekker	0.06029
168	Jeeps	0.15595
169	Motorcycles	0.32020
170	Scooters	0.31948
171	Mopeds	0.18808
172	Springs	0.05704
173	Other automobile spare parts	0.19385
174	2/3 Wheeler Parts/Components	0.07870
175	Motor Cycle Parts	0.05198
176	Automobile Cables	0.04585

Comparison of WPI between the Old Series (1993- 94) and the New Series (2004- 05)





