सत्यमेव जयते

Manual on Wholesale Price Index (WPI)
Output Producer Price Index (OPPI)
Trial Input Producer Price Index (IPPI) and Service Producer Price Indices (SPPIs)
With Base Year 2022-23

Office of the Economic Adviser

Department for Promotion of Industry and Internal Trade

Ministry of Commerce and Industry

Government of India

Manual on

Wholesale Price Index (WPI)

Output Producer Price Index (OPPI)

Trial Input Producer Price Index (IPPI)

and

Service Producer Price Indices (SPPIs)

With

Base Year 2022-23

Office of the Economic Adviser
Department for Promotion of Industry and Internal Trade
Ministry of Commerce and Industry
Government of India

Table of Contents

Chapter 1: INTRODUCTION **8**
1.1 Introduction about Price Indices **8**
1.2 Need for a periodic revision in the base year of WPI **9**
1.3 Need for revisiting the present base year 2011-12 ..... **9**
1.4 Nodal Office for Compilation of WPI **9**
1.5 Historical Perspective of Wholesale Price Index **10**
1.6 Terms of Reference of the Working Group **13**
1.7 Meetings of the Working Group **14**
Chapter 2: CONCEPT AND METHODOLOGY **15**
2.1 Changes in Definition of Wholesale Price Index **15**
2.2 Price concepts for WPI and PPI **15**
2.3 Selection of the Base Year of WPI and PPI **16**
2.4 Coverage **17**
2.5 Item basket and Weighting diagram **17**
2.6 Selection of items **23**
2.7 Selection of Manufacturing Units in WPI/PPI **25**
2.8 Selection of Item Specifications **26**
2.9 Price Collection **26**
2.10 Compilation of Indices **28**
2.11 Treatment of Missing Prices **28**
2.12 Transition from WPI to PPI **37**
2.13 Linking Factor for WPI **38**
Chapter 3: DATA COLLECTION AND DISSEMINATION **40**
3.1 Data Collection and Mechanism **40**
3.2 Data Management and Dissemination System **41**
Chapter 4: RELEASE OF NEW SERIES **42**
4.1 Technical Report by the Working Group **42**
4.2 Examination of the new series of WPI and PPIs by TAC on SPCL and NSC **42**
4.3 Approval for release of WPI and launch of PPIs **42**
Chapter 5: PRODUCER PRICE INDEX FOR SERVICE SECTOR **44**
5.1 Introduction **44**
5.2 Recommendations of Sub-Group endorsed by the Working Group **44**

Annexure I: Item Basket and Weighting Structure for Wholesale Price Index (Base Year 2022-23)....48

Annexure II: List of items of WPI 2011-12 series dropped in WPI 2022-23 series ...80

Annexure-III: List of WPI 2011-12 series items retained in WPI 2022-23 series basket as merged items....81

Annexure IV: List of new items in WPI 2022-23 series....85

Annexure V: Item Basket and Weighting Structure for Output PPI (Base Year 2022-23)……..96

Annexure VI: Industry Group and Weighting Structure for the Input PPI for Manufacturing Sector (Base Year 2022-23)....144

Annexure VII: Methodology for Compilation of Banking Service Price Index and Banking Service Contribution Index....145

Annexure VIII: Methodology for Compilation of Securities Transaction Service Price Index....150

Annexure IX: Methodology for Compilation of Pension Service Price Index.....157

Annexure X: Methodology for Compilation of Insurance Service Price Index.....160

Annexure XI: Methodology for Compilation of Railway Service Producer Price Index……162

Annexure XII: Methodology for Compilation of Telecom Service Producer Price Index……166

Annexure XIII: Methodology for Compilation of Air (Passenger) Service Producer Price Index....168

PREFACE

The Office of the Economic Adviser (OEA), Department for Promotion of Industry and Internal Trade (DPIIT), has been compiling and disseminating the Wholesale Price Index (WPI) as an important measure of price movements in the economy. In line with international best practices and the evolving structure of the Indian economy, the base year of the WPI has been revised from 2011–12 to 2022–23. Alongside the revised WPI, the office has introduced Producer Price Indices for goods and services.

This manual has been prepared to provide a comprehensive account of the concepts, methodology, data sources, compilation procedures, and dissemination framework of the revised WPI and the newly introduced Producer Price Indices. It also documents the methodological improvements adopted in the new series, including the revised item basket, weighting structure, price concepts, selection of items and reporting units, index compilation, and treatment of missing prices. The manual aims to promote transparency, facilitate a better understanding of the indices, and serve as a reference for policymakers, researchers, academicians, industry, and other stakeholders.

The revision of the base year and the development of the Producer Price Indices have been undertaken under the guidance of the Working Group and Sub-groups constituted for this purpose, with valuable contributions from representatives of Central Ministries, Government agencies, academic institutions, industry associations, and subject experts. The office gratefully acknowledges their guidance and support throughout the revision process.

It is hoped that this manual will serve as a reference document on the revised WPI and Producer Price Indices and contribute to their wider understanding and effective use in economic analysis, policymaking, and research.

Yogita Swaroop
Principal Economic Adviser
Office of the Economic Adviser, DPIIT

ACKNOWLEDGEMENT

The revision of the Wholesale Price Index (WPI) to the base year 2022–23 and the development of Producer Price Indices have been accomplished through the collective efforts of numerous Ministries, Departments, statistical agencies, industry associations, experts, and data providers.

The Office of the Economic Adviser expresses its sincere gratitude to the Working Group constituted under the Chairmanship of Prof. Ramesh Chand, former Member, NITI Aayog, for providing overall guidance and valuable recommendations on the revision of the WPI and the development of the Producer Price Indices.

The office gratefully acknowledges the support extended by the Ministry of Statistics and Programme Implementation (MoSPI) for providing technical inputs, data support, and conducting the monthly price collection survey through its Field Operations Division. Appreciation is also extended to the National Accounts Division and other Divisions of MoSPI for their valuable assistance in the preparation of the weighting structure and methodological framework.

The office places on record its appreciation to all Central Ministries, Departments, regulatory authorities, public sector undertakings, State Governments, industry associations, manufacturing establishments, and service providers that supplied data and actively participated in consultations during the revision exercise. Their continued cooperation has been vital for ensuring the quality, coverage, and reliability of the indices. The office also acknowledges the dedicated efforts of its officers and officials, whose commitment and meticulous work in conceptualization, data validation, methodology development, compilation, and preparation of this manual have made the successful release of the revised WPI and Producer Price Indices possible.

It is hoped that this manual will serve as a valuable reference for policymakers, researchers, academicians, industry, and all users of official price statistics.

Dilip Kumar Sinha
Deputy Director General
Office of the Economic Adviser, DPIIT

List of Abbreviations

S.No.	Abbreviation	Full Form
1	ACNAS	Advisory Committee on National Accounts Statistics
2	AM	Arithmetic Mean
3	ASI	Annual Survey of Industries
4	CCEA	Cabinet Committee on Economic Affairs
5	CPI	Consumer Price Index
6	CP	Contract Price
7	CPSE	Central Public Sector Enterprise
8	DSL	Data Source List
10	EOU	Export Oriented Unit
11	EPI	Establishment Price Inquiry
12	FOD	Field Operations Division
13	GM	Geometric Mean
14	GST	Goods and Services Tax
15	GVO	Gross Value of Output
16	HSN	Harmonized System of Nomenclature
17	IC	Intermediate Consumption
18	IIP	Index of Industrial Production
19	IMF	International Monetary Fund
20	IPPI	Input Producer Price Index
21	IREL	Indian Rare Earths Limited
22	MSP	Minimum Support Price
23	NAS	National Accounts Statistics
24	NIC	National Industrial Classification
25	NPCMS	National Product Classification for Manufacturing Sector
26	NSC	National Statistical Commission
27	NSO	National Statistical Office
28	OEA	Office of the Economic Adviser
29	OPPI	Output Producer Price Index
30	PPI	Producer Price Index
31	PR	Price Relative
32	RBI	Reserve Bank of India
33	SCP	Stock Clearance Price
34	SEBI	Securities and Exchange Board of India
35	SPCL	Statistics of Prices and Cost of Living
36	STP	Stock Transfer Price
37	STPI	Securities Transaction Price Index
38	SUT	Supply and Use Tables
39	TAC-SPCL	Technical Advisory Committee on Statistics of Prices and Cost of Living
40	VAT	Value Added Tax

List of Tables

S.No.	Description of Table	Page Number
1.	Evolution of WPI in India	11
2.	Comparison of weights in WPI 2011-12 and WPI 2022-23 series	22
3.	Major Group-wise Weights in Output PPI 2022-23 series	22
4.	Comparison of number of items in WPI 2011-12 and WPI 2022-23 series	24
5.	Data Sources for WPI/Output PPI (Goods)/Input PPI (Goods)	26
6.	Data Sources for Services PPI	27
7.	Linking Factor	38

Chapter 1: INTRODUCTION

1.1 Introduction about Price Indices

1.1.1 A Price Index measures the average change in a set of prices over time. There are three types of price indices, namely, Wholesale Price Index (WPI), Producer Price Index (PPI), and Consumer Price Index (CPI). WPI measures average change in the wholesale prices, that is the prices transacted in the wholesale market for bulk sale of goods. Wholesale price includes one-stage tax as well as *trade & transport margin*. PPI measures the average change over time in the prices of goods and services from the perspective of producers. In the Base Revision of WPI, from 2004-05 to 2011-12, there was change in the concept of price. Basic Price[1] was adopted, in place of wholesale price, in order to bring WPI closer to PPI, especially Output PPI. Thus, In India, WPI differs with PPI on following three grounds: (a) WPI follows traditional classification of goods, whereas PPI follows Supply and Use Tables framework of National Accounts; (b) in PPI, Export Oriented Units are also covered for collection of prices; and (c) WPI covers goods only whereas PPI covers services as well. CPI reflects the average change in prices paid by the consumer at retail level.

1.1.2 PPI is of two types: Output PPI and Input PPI. Output PPI measures average change in the prices received by the producer on production or sale of an output. This price, which is called Basic Price, excludes tax but include subsidy (if any) and also does not include trade & transport margin. Input PPI measures average change in the prices paid by the producers to purchase input items. This price is called Purchaser's Price, which includes trade & transport margin and non-deductible tax. Service PPI measures average change in the prices received by the producer on production of a service. This index is also compiled on the basis of Basic Price.

1.1.3 There are several advantages of PPI over WPI. Use of Output PPI and Input PPI gives an estimate of Value Addition PPI, that is, the inflation of value addition process (production process) can be measured with PPI, which is not the case in WPI.

[1] The Basic Price is the amount receivable by the producer from the purchaser for a unit of a good or service produced minus any tax payable on that unit as a consequence of its production or sale (i.e., GST), and plus any subsidy receivable on that unit as a consequence of its production or sale

Availability of both the Output PPI and Input PPI explains how inflation experienced by producers on inputs are passed on to the output being produced.

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

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

1.3 Need for revisiting the present base year 2011-12

1.3.1 The set of Wholesale Price Index numbers with base year 2011-12 was effective from April 2017. Significant structural changes have taken place in the Indian economy since then. Therefore, it has become necessary to revise the item basket of the existing series of wholesale prices in India (Base 2011-12=100) and revisit a range of issues such as examination of the coverage of commodities, base year, and weighting diagram etc.

1.4 Nodal Office for Compilation of WPI

1.4.1 Office of the Economic Adviser (OEA), an attached office of the Department for Promotion of Industry and Internal Trade (DPIIT), Ministry of Commerce and Industry compiles and publishes Wholesale Price Index (WPI) and Producer Price Indices. The principal purpose of compilation of these indices is to aid in the preparation of National Accounts Statistics. The WPI has been used as a deflator of nominal macroeconomic aggregates (i.e. GDP, IIP) to arrive at its real value and is utilized for fiscal, trade and other important policy decisions. WPI is widely used in price escalation clause in the procurement of raw material, plant and machinery,

construction, infrastructure projects and adopted for revision of toll rates, prices of essential drugs, tariff setting of major ports, electricity etc.

1.5 Historical Perspective of Wholesale Price Index

1.5.1 The publication of Index Numbers of wholesale prices started for the first time with the base at week ended August 19, 1939 = 100, from the week commencing 10th January, 1942. An elementary index was calculated based on the geometric mean of the price relatives of 23 commodities. Each item was assigned an equal weight. From January, 1947, a regular weekly series of weighted index numbers of wholesale price on same base years was published. The commodity basket was classified into five groups with 78 commodities, comprising 215 price quotations. Each commodity was weighted by its importance based on value of output during 1938-39.

1.5.2 The series was revised at base year of 1952-53, effective from April 1956. The commodities and price quotations coverage increased to 112 and 555, respectively. The index was computed based on the weighted Arithmetic Mean (AM) instead of weighted Geometric Mean (GM). The next revised series (1961-62 = 100) published in July, 1969 with 139 commodities and 774 quotations was classified into groups/sub-groups based on Standard International Trade Classification (SITC) with slight alterations to suit the Indian situation. The series was further revised from 1961-62 to 1970-71 introduced in January, 1977. In this series, the National Industrial Classifications was adopted to bring out uniformity with other indices. The WPI (1970-71 = 100) was revised at base year 1981-82. The next revision was made at base year 1993-94 which came into effect from April, 2000 with three major groups. An important advancement that was made in 1993-94 series was the mode of compilation. The traditional manual method of desktop calculators was replaced with high-speed computers with the assistance of customized software of the National Informatics Centre (NIC).

1.5.3 The WPI (1993-94=100) further revised at base year 2004-05, and was launched on 14th September 2010. The periodicity of the release of 'All Commodities' WPI was changed from weekly to monthly as per the Cabinet Committee on Economic Affairs

(CCEA) decision in October 2009. However, WPI for 'Primary Articles' and 'Fuel and Power' continued to be released on a weekly basis till January 2012. The public release of weekly WPI for 'Primary Articles' and 'Fuel and Power' was discontinued upon the decision taken by CCEA in its meeting on 24th January 2012.

1.5.4 The WPI 2004-05 series was again revised at base year 2011-12, and was released in May 2017. The 2011-12 series introduced several important methodological improvements over the 2004-05 series. These included expansion of the commodity basket from 676 items to 697 items, increase in price quotations from 5,482 to 8,331, adoption of geometric mean for compilation at the elementary level, exclusion of indirect taxes, and introduction of a Food Index.

1.5.5 Current revision process of WPI considering base year 2022-23 has been undertaken to incorporate the structural changes in the economy. Necessary steps have been taken to examine the commodity coverage, base year, weighting diagram, and other related issues of current series. The current revision is eighth revision of all India WPI. Several changes along with updation of commodity basket, price quotations and weighting structure were introduced over the period of time. The evolution of WPI in India may be summed up in the table below.

Table 1: Evolution of WPI in India

Base	Year of Introduction	Averaging and Weights	No. of Items	No. of Price Quotations
Week ended 19th August, 1939	10th January, 1942	GM with equal weights	23	23
Last week of August 1939	1945	Weighted GM	Food Articles	46
End August, 1939	1947	Weighted GM	78	215
1952-53 (1948-49 as weight base)	1952	Weighted AM	112	555
1961-62	July, 1969	Weighted AM	139	774
1970-71	January, 1977	Weighted AM	360	1,295
1981-82	July, 1989	Weighted AM	447	2,371
1993-94	April, 2000	Weighted AM	435	1,918
2004-05	September, 2010	Weighted AM	676	5,482

Base	Year of Introduction	Averaging and Weights	No. of Items	No. of Price Quotations
2011-12	May, 2017	GM for elementary index and weighted AM for sub-group/group/major group level WPI	697	8,331
2022-23	June 2026	GM for elementary index and weighted AM for sub-group/group/major group level WPI	957	15,254
Note: AM = Arithmetic Mean; GM= Geometric Mean				

1.5.6 In line with practices adopted by advanced economies and the recommendations of the International Monetary Fund (IMF), there is a growing need for India to transit from WPI to the Producer Price Index (PPI). Use of Output PPI and Input PPI gives an estimate of Value Addition PPI, that is, the inflation of value addition process (production process) can be measured with PPI, which is not the case in WPI. Availability of both the Output PPI and Input PPI explains how inflation experienced by producers on inputs are passed on to the output being produced. Thus, PPI is more suitable indicator for use in National Accounts compilation

1.5.7 OEA, Department for Promotion of Industry and Internal Trade (DPIIT) constituted a Working Group (WG) for the revision of WPI (Base Year 2011-12) under Chairmanship of Prof. Ramesh Chand, the then Member, NITI Aayog on 30th December 2024. The Composition of the Working-Group is as follows: -

i. Prof. Ramesh Chand, Member, NITI Aayog (Chairman)
ii. Additional Director General, Field Operations Division, MoSPI
iii. Deputy Director General, Economic Statistics Division, MoSPI
iv. Deputy Director General, National Accounts Division, MoSPI
v. Deputy Director General, Enterprise Survey Division, MoSPI
vi. Economic Adviser, Department of Economic Affairs, M/o Finance

vii. Adviser, Price & Marketing Division, Department of Agriculture & Farmers Welfare
viii. Senior Economic Adviser, Department of Consumer Affairs
ix. Deputy Director General, Ministry of Petroleum & Natural Gas
x. Chief Executive Officer, Goods & Services Tax Network
xi. Representative from RBI
xii. Dr. Soumya Kanti Ghosh, Chief Economist, SBI Group
xiii. Dr. Surjit Bhalla, Economist
xiv. Dr. Shamika Ravi, Member, Economic Advisory Council to PM
xv. Dr. Dharmakirti Joshi, Chief Economist, Crisil
xvi. Shri Nilesh Shah, MD, Kotak Mahindra Asset Management
xvii. Shri Indranil Sengupta, Co-Head & Economist, Bank of America Merrill Lynch
xviii. Deputy Director General, DPIIT (Member Secretary)

The WG also co-opted Ex-DG, NSO, MoSPI; Sr. Economic Adviser, Department of Agriculture & Farmers Welfare; Sr. Adviser, NITI Aayog; DG Labour Bureau; and DDG PSD, MoSPI.

1.6 Terms of Reference of the Working Group

i. To suggest the commodity basket of WPI and PPI with base year 2022-23 in the light of structural changes in the economy.
ii. To review the existing system of price collection and suggest changes for improvement.
iii. To decide on the computational methodology to be adopted for WPI / PPI.
iv. To examine the methodology for compilation of PPI approved by Technical Advisory Committee on Statistics of Prices & Cost of Living and suggest further improvement in compilation and presentation and recommend roadmap for switch over from WPI to PPI.
v. To examine the method of computing the linking factor adopted so far and suggest appropriate changes in the method of computing the linking factor, if necessary.
vi. To suggest any other improvements as may be necessary for enhancing the

reliability of WPI / PPI.

1.7 Meetings of the Working Group

The Working Group held four (04) meetings to review the progress made by various Sub-Groups, held deliberations on issues that arose during discussion of Sub-Groups' meeting, discuss the suggestions submitted by the Sub-Groups and provide its recommendations. The details of the meetings are as follows: -

i. First meeting of the Working Group was held on 31st January 2025 at NITI Aayog, New Delhi.

ii. Second meeting of the Working Group was held on 22nd July 2025 at NITI Aayog, New Delhi in the hybrid mode.

iii. Third meeting of the Working Group was held on 14th November 2025 in Room No. 47, Udyog Bhawan, New Delhi in the hybrid mode.

iv. Fourth meeting of the Working Group was held on 30th March 2026 in Conference Room No. 47, Udyog Bhawan, New Delhi in the hybrid mode.

Chapter 2: CONCEPT AND METHODOLOGY

2.1 Changes in Definition of Wholesale Price Index

2.1.1 Wholesale price is generally defined to capture all bulk transactions of goods carried out in the domestic market. The universe of WPI, therefore, comprises all possible transactions at first point of bulk sale in the domestic market. But, in the last Base Revision of WPI (from 2004-05 to 2011-12), there was change in the concept of price. Basic Price was adopted, in place of wholesale price, in order to bring it in closer to Producer Price Index.

2.2 Price concepts for WPI and PPI

2.2.1 **Basic Price** is prices received by the producer on production or sale of an output. This price excludes *tax* but include *subsidy* (if any) and also does not include *trade & transport margin*.

2.2.2 The **Purchaser's Price** is the amount paid by the purchaser, excluding any deductible tax viz. VAT or similar deductible tax, in order to take delivery of a unit of a good or service at the time and place required by the purchaser. The purchaser's price of a good includes any transport charges and trade margin paid separately by the purchaser to take delivery at the required time and place.

2.2.3 The **Stock Transfer Price (STP)** is a sales price charged for a good or services in a transaction between two entities under same ownership. The stock transfers between two factories with same ownership i.e. goods movement between the manufacturing plants and distribution plants.

2.2.4 **Contract Prices (CP)** are fixed for a specific period such as one or two years for some particular item.

2.2.5 **Administered Price (AP)** for items such as agricultural machinery, fertilizers etc. are generally reported under Establishment Price Inquiry (EPI).

2.2.6 **Stock Clearance Price (SCP)-** Some of the factories report SCP in the last few months of the year which are actually much lower price compared to the last reported price.

2.27 Basic Price is collected for compilation of WPI and Output PPI (Goods), with base year 2022-23. Accordingly, the prices tracked are ex-factory price for manufactured products, ex-mine prices for minerals, ex-storage/ex-bottling price for mineral oils and Agri-market (mandi) price for agricultural commodities. Further, Minimum Support Price (MSP) has not been included, as it is a notional price and its impact is already reflected in the mandi prices. Ex-mine prices of only non-captive mines are collected as their production is transacted in the open market, whereas the output of captive mines is primarily used for intermediate consumption. However, in the case of Copper, Lead, and Zinc Concentrates, prices from captive mines are collected due to the unavailability of non-captive mine prices.

2.2.7 The Government of India introduced coal mine auction policy in June 2020. Most of the coal is sold in the market through a control mechanism under Fuel Supply Agreement. Under this dispensation, coal is sold at fixed price, known as Notified Prices. A large proportion of coal is sold at notified price, and the remaining is sold through auction mechanism (via exchanges) and captive mines. Therefore, auction prices of coal have also been included along with the notified prices in compilation of WPI and Output PPI.

2.2.8 For Input PPI (Goods), Purchaser's Price (without GST) is collected. This includes the domestic as well as import prices since some of the input items are directly imported by industrial establishments.

2.3 Selection of the Base Year of WPI and PPI

2.3.1 Base Year of any macro-economic indicator is chosen on the basis of following criteria:

(i) it should be a normal year;

(ii) reliable price data are available; and

(iii) it is consistent with the Base Year of other macro-economic indicators.

2.3.2 Considering these aspects, the Advisory Committee for National Accounts Statistics (ACNAS) recommended the financial year 2022-23 as the Base Year of the

next series of GDP, WPI, PPI, and Index of Industrial Production (IIP). Accordingly, the Base Year for WPI/PPI/Service PPI has been taken as 2022-23.

2.4 Coverage

2.4.1 The revised series of WPI and Output PPI (Goods) cover all representative goods transacted in the economy, whereas Input PPI (Goods) covers all representative goods consumed by the Manufacturing Industry. Services viz., Banking, Securities Transaction, Insurance, Management of Pension Funds, Railways, Air (Passenger), and Telecom, have been covered in the first phase of Service PPI.

2.5 Item basket and Weighting diagram

2.5.1 The WPI and PPIs are compiled using Laspeyres price index formula, which is written as follow: -

$Let\ \mathrm{I}^t\ =$ Price Index at the time period t;

$\mathrm{Pi}^t =$ Price of item i in the **current period** (**t**);

$\mathrm{Pi}^0 =$ Price of item i in the **base year**;

$\mathrm{Qi}^0\ =$ Quantity of item i in the **base year**

$$I^t = \frac{\sum_{i=1}^{n} Pi^t Qi^0}{\sum_{i=1}^{n} Pi^0 Qi^0} \times 100$$

$$= \frac{\sum_{i=1}^{n} \frac{Pi^t}{Pi^0} * Pi^0 Qi^0}{\sum_{i=1}^{n} Pi^0 Qi^0} \times 100$$

$$\sum_{i=1}^{n} wi^0 \frac{Pi^t}{Pi^0} \times 100$$

$$where\ wi^0 = \frac{Pi^0 Qi^0}{\sum_{i=1}^{n} Pi^0 Qi^0} \ldots\ldots\ldots (1)$$

$$= \sum_{i=1}^{n} wi^0 \times Ii^t$$

$$where\ Ii^t = \frac{Pi^t}{Pi^o}\ i.e.item\ or\ elemetary\ index\ of\ ith\ item\ in\ time\ period\ t$$

2.5.2 From the above formula, it may be seen that item-wise weight represents their relative importance in the basket of the Price Index. It is the share of the value of an item in the total value of the basket. Selection of items and preparation of Weighting Diagram move together. The item basket should be of optimum size. On one hand, too large size of basket may lead to reluctancy on the part of price reporting units/establishments; on the other hand, small size of basket would compromise on completeness. Therefore, a concept of representativeness is used to decide the optimum size of the basket. Under this concept, a benchmark or cut-off is used to decide the size of the basket and then item-wise shares of values are assigned as their respective weights.

2.5.3 In WPI 2022-23 series, weights of items have been prepared on the basis of Gross Value of Output (GVO). This is an improvement on WPI 2011-12 series, in which the weights were based on Net Traded Value i.e. GVO+Net Imports. It is suggested in the IMF manual that the value aggregate from the national accounts framework that aligns with the basic price received by the producer of goods and services is the value of production. Therefore, the best approach would be to have value of production weights at basic prices for all levels of index aggregation. In the Net Traded Value approach, on one hand, goods imported in large quantities/volumes may have higher weight even if -their domestic production is low; on the other hand, goods produced in large quantities/volumes may have lower weight even if a significant portion of their output is exported. Also, there are significant challenges in item-level mapping of production and trade data because of non-availability of one-to-one correspondence between National Product Classification of Manufactured Product (NPCMS) and Harmonized System of Nomenclature (HSN) Codes.

2.5.4 The GVO estimates[2] for the year 2022-23, from revised series of National Accounts *i.e.* with Base Year 2022-23 have been used for compilation of weights.

[2] GVO Estimates at disaggregated level of industries (the level up to which GVO is published in National Accounts Statistics) was provided by MoSPI

Wherever the GVO estimates were not available at the desired level of disaggregation from National Account Statistics (NAS); the additional sources, such as information from the concerned administrative Ministries/agencies and survey data like Annual Survey of Industries (ASI) etc. have been used in splitting the respective group/sub-group weights to arrive at item-wise weights.

2.5.5 In the top-down approach, weights are first compiled at the group/sub-group or aggregate level and are then disaggregated/split into granular level i.e. item level. This approach is preferred when the list of items is very long; in such cases, a cut-off benchmark for weights is used to determine the optimum size of the basket. On the other hand, in the bottom-up approach, the list of items is not long and the respective values are available for preparation of weighting diagram. It has been practiced to follow the top-down approach for preparation of weighting diagram of WPI.

2.5.6 The Primary Articles include three (03) broad categories viz. (1.) Food Articles, (2.) Non-Food Articles, and (3.) Minerals. For Food and Non-food articles, weights are majorly derived from National Accounts Statistics (NAS). In WPI 2011-12 series, weights of agricultural items (Food articles and non-food articles) were derived based on GVO adjusted for Marketable Surplus Ratios (MSRs). However, in WPI 2022-23 series, MSRs have not been considered for the derivation of weights due to the non-availability of MSRs for most agricultural and horticultural commodities since 2014–15.

2.5.7 For some items, Value of Output was not directly available in NAS database such as Coconut (fresh), Copra (coconut), Ginger (fresh), Ginger (dry), Rose, Jasmine, Marigold, Coir Fibre and Cotton Seed. The value of output of these existing items has been estimated indirectly. The value of output of 'Dry Ginger' from NAS was split in proportion of WPI 2011-12 weights between Ginger (dry) and Ginger (fresh). Similarly, value of output of 'Coconut' from NAS was split in proportion of WPI 2011-12 weights between Coconut (fresh) and Copra (coconut). In addition, NAS Value of Output for 'Floriculture' 2022-23 was split in proportion of WPI 2011-12 weights between Rose, Jasmine and Marigold. Regarding Coir Fibre, data on value of output

was received from Coir Board, whereas, the value of Cotton Seed has been derived from Annual Survey of Industries (ASI) 2022-23.

2.5.8 For Minerals sector, Indian Bureau of Mines and Indian Rare Earth India Limited (IREL), provided the Value of Output data for 2022-23, which is adjusted for NAS values at the aggregated level.

2.5.9 The Fuel & Power Group has four (04) subgroups: 1. Coal, 2. Mineral Oils, 3. Electricity, and 4. Crude Petroleum and Natural Gas (shifting of Crude Petroleum and Natural Gas from 'Primary Articles' to the 'Fuel & Power' group is owing to the decision of the Sub-Group on Mining, Fuel & Power as it would consolidate the Oil & Gas sector and the broader primary energy sector under a single structured group 'Fuel & Power', within the WPI framework).

2.5.10 The weighting structure for Coal has been derived from GVO of Coal at current price taken from the NAS for the base year 2022–23. The weight allocations for Coking Coal, Non-Coking Coal, and Lignite are derived by first computing their proportionate shares based on production value data provided by the Ministry of Coal. These shares are then applied to the total coal output value reported in the NAS to determine the respective weights. Non-Coking Coal has been further categorized into three sub-groups based on Gross Calorific Value (GCV). To assign weightages to these sub-items, the proportionate share of each category—G1 to G6, G7 to G14, and G15 to G17—was calculated using grade-wise production data (G1 to G17) provided by the Ministry of Coal.

2.5.11 The weighting structure of Mineral Oils has been derived from GVO of Mineral Oils at current price taken from the NAS for the base year 2022–23. Based on the output value data provided by the Ministry of Petroleum and Natural Gas (MoPNG), the proportionate shares of individual mineral oils were estimated. These shares were then applied to the aggregate output values of Mineral Oils reported in NAS to derive the respective weight allocations.

2.5.12 The weighting structure of 'Crude Petroleum & Natural Gas' has been derived from GVO of Petroleum & Natural Gas at current price taken from the NAS for the base year 2022–23. Based on the production value data provided by MoPNG, the proportionate shares of Crude Petroleum and Natural Gas were computed. These proportionate shares were then applied to the total value of Petroleum & Natural Gas output as reported in NAS to derive the respective weight allocation.

2.5.13 The weighting structure for the Electricity has been derived from the GVO of electricity at current price taken from the NAS for the base year 2022–23. The total quantity of electricity generated in 2022-23 across all sources—Hydro, Thermal (coal- and gas-based), Nuclear, Solar, and Wind has been taken from the Annual Report of the Central Electricity Authority (CEA). The All-India average price of sale of power for these sources of electricity is provided by the CEA. Revenue is estimated by multiplying the All-India average price of sale of power with the total electricity generated. Using this revenue data, the proportional shares of Hydro, Thermal (coal- and gas-based), Nuclear, Solar, and Wind electricity have been derived. These proportions have then been distributed to GVO of electricity reported in the NAS.

2.5.14 For Manufactured Products, weights are assigned as per the GVO derived from NAS at NIC-2-digit level. For manufacturing products below NIC-2-digit level, the weight is distributed among the sub groups/items, based on a proportionate share of their gross value of output accessed from ASI data.

Steps for deriving weighting diagram of Manufactured Products are summarized below:

a. The data of the value of output for 22 NIC 2-digit groups are taken from the NAS provided by MoSPI.
b. The NAS value of output of all 22 groups is distributed among three-digit/four-digit NIC level in the same proportion as per the share of these groups/items based on the value of output of ASI 2022-23.
c. Accordingly, weights are also assigned to items in the same manner, keeping the proportion of items unchanged as derived from ASI.

A comparison of weights in different Major Groups of WPI 2011-12 series and WPI 2022-23 series is given below: -

Table 2: Comparison of weights in WPI 2011-12 and WPI 2022-23 series

Major Group	Weights	
	WPI (2011-12)	**WPI (2022-23)**
Primary Articles	22.62	22.76
Fuel & Power	13.15	14.11
Manufactured Items	64.23	63.13
Total	**100.00**	**100.00**

Note: Prices of 'Primary Articles' has increased about 77% from 2011-12 to 2022-23 whereas that for 'Manufactured Items' has increased only about 43% during the same period. This has led to reduction in weights of 'Manufactured Items'. Further, Crude Oil & Natural Gas has been moved from 'Primary Articles' in WPI (2011-12) to 'Fuel & Power' in the WPI (2022-23). Coal is already part of 'Fuel & Power' since WPI (2011-12) series.

2.5.15 For Output PPI (Goods) and Input PPI (Goods), weights have been computed using the Supply and Use Tables (SUT) for the year 2022-23. For Output PPI (Goods), Total Supply (Output) at Basic Prices vector from the Supply Table has been used, while for Input PPI (Goods), Inter-Industry Consumption or Intermediate Consumption (IC) matrix from the Use Table has been used for compiling weights. At item level, the weights have been computed by splitting SUT commodities weights to different items using their respective value of output/input obtained from ASI. Weights of major groups of Output PPI (Goods) is given below:

Table 3: Major Group-wise Weights in Output PPI 2022-23 series

Major Group	Weights
	Output PPI (Goods) (2022-23)
Agriculture, Forestry and Fishing	22.16
Mining and Quarrying	3.42
Manufactured Items	69.93
Electricity	4.49
Total	**100.00**

Note:

1. Manufacture of Petroleum Products i.e. Mineral Oils, a Group under 'Fuel & Power' in WPI, is covered under 'Manufactured Items' in Output PPI.
2. The groups viz., Coal and Crude Oil & Natural Gas, of 'Fuel & Power' in WPI, are covered under 'Mining and Quarrying' in Output PPI.

2.5.16 In the case of Service PPI, no weights are being assigned, since the seven services are not covering entire service sector. Accordingly, indices of the seven services namely, Banking, Securities Transaction, Insurance, Management of Pension Funds, Railways, Air (Passenger), and Telecom Service are released without their respective weights.

2.6 Selection of items

2.6.1 In case of WPI 2022-23, following method has been adopted for selection of items:

(i) In case of Primary Articles and Fuel & Power, items are selected mainly on the basis of relevance and the recommendations of the concerned Sub-Groups.

(ii) In the Manufacturing sector, the standard procedure has been followed (as adopted in the earlier series), i.e., items falling in the category of top 80% contributor to the GVO in respective Industry at National Industrial Classification (NIC)-3-digit class [on the basis of ASI 2022-23 data], have been selected in the basket. Many items, having the same NPCMS codes, occur in different NIC 3-digit classes. In such cases, NPCMS code with maximum value of output is retained in the respective NIC 3-digit class to make the item unique in the item list. Further, after selection, similar NPCMSs, in Manufacturing sector, have been merged together to form an item, following the existing practice of WPI.

(iii) **Additional Benchmark Criteria for selection of items**- During the stakeholder consultation process, several industry associations and Ministries/Departments recommended the inclusion of additional items in the manufactured products basket of the WPI. As the basket identified through the standard item selection methodology was already comprehensive, it was considered appropriate to establish an objective benchmark for evaluating these additional proposals. Accordingly, an additional benchmark criterion was formulated to assess the eligibility of such items for inclusion in the WPI basket. The criterion was developed using the following methodology:

Step1: As per the standard procedure, items having minimum weight/share in total value of output were identified in each NIC-3-digit class of Manufacturing sector.

Step 2: There were 65 NIC-3-digit classes, therefore, there were 65 items having minimum weights.

Step 3: Mode of these 65 minimum weights were taken, since Mode reflects the most frequently occurring minimum share/weight across NIC-3-digit groups of Manufacturing sector.

Step 4: The aforementioned Mode was found as 0.01, which was fixed as an additional benchmark criterion.

2.6.2 Thus, there are 957 items in the basket of WPI 2022-23 series as against 697 items in WPI 2011-12 series (list of all items in WPI 2022-23 basket along with the weights is given at **Annexure-I**, list of dropped items in WPI 2022-23 is given at **Annexure-II**, list of WPI 2011-12 series items retained in WPI 2022-23 basket as merged items is given at **Annexure-III**, list of new items in WPI 2022-23 is given at **Annexure-IV**. A comparison of number of items in different Major Groups of WPI of existing and revised series is given below: -

Table 4: Comparison of number of items in WPI 2011-12 and WPI 2022-23 series

Major Group	No. of Items in	
	WPI (2011-12)	**WPI (2022-23)**
Primary Articles	115	129
Fuel & Power	18	25
Manufactured Items	564	803
Total	**697**	**957**

2.6.3 Procedure followed for item selection for WPI (as mentioned above) has been followed for Output PPI (Goods) as well. Here, the selected NPCMS, in Manufacturing sector, has been kept as Elementary Item (unlike in WPI, where similar selected NPCMSs, in Manufacturing sector, have been merged together to form an item). In WPI and Output PPI, the Groups and Sub-groups differ - WPI has three major groups: Primary Articles; Fuel and Power; and Manufacturing Products while for

Output PPI, the Groups are based on the Supply and Use Table of National Accounts (list of all items in Output PPI basket along with the weights is given at **Annexure-V**).

2.6.4 Similar approach has also been followed for Input PPI (Goods). In place of GVO, Gross Value of Input to Manufacturing sector has been used in selection of items for Input PPI (Goods). The only difference in the procedure for Input PPI (Goods) is that the items are not made unique at NIC 3 Digit class [as has been done for WPI and Output PPI (Goods)], since the same item may be used as input in multiple industries for producing different outputs. Further, the additional benchmark criterion is not applicable since there was no suggestion for inclusion of extra items in Input PPI (Goods) basket. Industry group and weighing structure for Input PPI for manufacturing sector is given at **Annexure-VI**.

2.6.5 The Office of Economic Adviser publishes Wholesale Price Index and Producer Price Index data, and broadly explaining the underlying methodology and general limitations on such data. The Office of Economic Adviser is not a party to any escalation clause. The Office of Economic Adviser does not directly or indirectly assist in writing contracts, nor does it provide advice regarding disputes arising from contract interpretation.

2.7 Selection of Manufacturing Units in WPI/PPI

2.7.1 The selection of the factories has been done using ASI 2022-23 data. The steps for selection are as under: -

Step 1: The factories were mapped to the selected items using the NPCMS and DSL codes

Step 2: All the factories were arranged, item-wise, in descending order on the basis of their value of output and input for WPI/Output PPI and Input PPI respectively for the year 2022-23.

Step 3: The top 80 per cent contributing factories were selected for each chosen item.

2.8 Selection of Item Specifications

2.8.1 The selection of detailed item specification ensures that price quotations relate to products of identical quality and characteristics over time. This facilitates the like vs. line comparison of prices. Three criteria, considered for fixing item specification, are: representative/ most common variety/grade/model, availability of price data for maximum months throughout the year, and reasonable demand in the market.

2.9 Price Collection

2.9.1 For WPI, Output PPI (Goods) and Input PPI (Goods), a dedicated web-portal has been developed to help data sources to submit data online, carry multi-level validation, scrutiny, and day-to-day monitoring. Monthly price data from April 2022 onwards have been collected through data sources under various Ministries/Departments and from factories (through price collection survey conducted by Field Operations Division, National Statistics Office, M/o Statistics and Programme Implementation). In the case of Output PPI (Goods), prices from Export Oriented Unit (EOU) have also been collected.

2.9.2 Data for services is provided by the concerned Ministry/Regulator/selected service providers (Insurance companies). In case of Air (Passenger) Service and Telecom Service, the data is collected from the website of the selected service providers. The list of data sources is given below: -

Table 5: Data Sources for WPI/Output PPI (Goods)/Input PPI (Goods)

Major Group	Group	Data Sources
Primary Articles	Food and non-food	Ministry of Agriculture & Farmers Welfare and other sources
	Minerals	Indian Bureau of Mines
		Indian Rare Earths Ltd.
		State Governments
Fuel & Power	Coal	Coal India Limited, M/o Coal
		Singareni Collieries Company Limited, M/o Coal

Major Group	Group	Data Sources
		Gujarat Mineral Development Corporation Limited
	Mineral Oils	Oil & Gas CPSEs under administrative control of M/o PNG
	Electricity	Central Electricity Authority, M/o Power
		Solar Energy Corporation of India Limited, M/o New and Renewable Energy
		Nuclear Power Corporation of India Limited, D/o Atomic Energy
	Crude Petroleum and Natural Gas	Oil & Gas CPSEs under administrative control of M/o PNG, Sun Petrochemical Pvt. Ltd., Vedanta Ltd.
Manufactured Products	Items related to Manufacturing	Concerned factories (through price collection survey done by Field Operations Division, NSO, MoSPI)
		Ministry of Railways
		Ministry of Steel
		Directly from factories in the case of very few items.

Table 6: Data Sources for Services PPI

Service	Data Source
Banking Service	Reserve Bank of India*
Securities Transaction Service	Securities Exchange Board of India*
Pension Fund Management Service	Pension Fund Regulatory and Development Authority
Insurance Service	Insurance Companies
Railway Service	M/o Railways
Telecom Service	Data is collected from website of respective service providers
Air (Passenger) Service	

* RBI and SEBI provide compiled Banking Service Price Index and Banking Service Contribution Index; and STPI respectively.

2.10 Compilation of Indices

2.10.1 **WPI:** Elementary/Item indices have been compiled by adopting short-term formulation using chain-based Jevons[3] method as against the long-term formulation method being used in the current series. It is pertinent to mention here that both the approaches result in same index number but the new method is preferred as it simplifies the computation process and eliminate the need to revise the base price in case of permanent substitution or specification change as required in the long-term formulation method.

2.11 Treatment of Missing Prices

2.11.1 Targeted Mean Imputation Method is used for treatment of missing prices in WPI/PPI 2022-23 series. This is an internationally recommended methodology in which, current month's missing price of a particular quotation of an item is imputed by multiplying the previous month price of that quotation with the geometric mean or average of price change ratios (current month price divided by previous month price) of available quotations of that item. In the case of auctioned coal, if the delivery happens in the month following the auction, then price of auctioned coal is carried forward. Further, goods of highly capital nature are not be produced or procured every month during the year. Hence in such cases, the reported price is carried forward in the subsequent months.

2.11.2 An illustration of compilation of elementary indices using Short-term formulation and Long-term formulation method is given below:

Illustration 1: Computation of Elementary Index

Consider an item A, with seven quotations (A1, A2…. A7). The base year price (T0) for each quotation is available. Further, the quotation wise prices for period T1, T2 and T3 are given as under: -

Illustration Table 1: Sample database for Compilation of Elementary Index

Item	Quotations	Base Year Price	Prices		
		T0	T1	T2	T3
A	A1	10	11	22	28

[3] In Jevons formula, geometric mean of the price relatives is taken

A	A2	12	18	44	8
A	A3	15	29	11	33
A	A4	25	32	45	31
A	A5	30	26	38	35
A	A6	18	18	45	24
A	A7	26	37	40	18

There are two methods for computing the elementary index: - (i) Long Term Formulation Method, and (ii) Short Term Formulation Using Chain Base Method.

(i) Long Term Formulation Method: In Long term formulation method, Price Relative (PR) is computed for each quotation as a ratio of current month price to its base year price. Each PR is multiplied by 100 to get the index of the quotation of the month. The geometric mean of indices of all the quotations in a month is the item index/elementary index.

For example, to compute the elementary index of item A in period T3, we first calculate the indices of all the quotations in period T3 as under: -

$$\text{Index of quotation A1 in period T3} = \text{PR of A1 in T3 X 100} = \frac{\text{Price of A1 in T3}}{\text{Price of A1 in T0}} \text{ X 100} =$$

$$\frac{28}{10} \text{X 100} = 280$$

Similarly, indices of other quotations are computed and are given in column (9) of the Illustration Table 2.

The Index of Item A i.e. Elementary Index in period T3

= Geometric Mean of Indices of A1, A2…… A7 (Jevon's formula)

= G.M. (280, 66.7, 220,124….69.2)

= 127.5

Illustration Table 2: Compilation of Elementary Index using long-term formulation method

Item	Quotation	Base Price	Prices			Index using Long Term Formulation		
		T0	T1	T2	T3	T1	T2	T3
(1)	*(2)*	*(3)*	*(4)*	*(5)*	*(6)*	*(7)*	*(8)*	*(9)*
A	A1	10	11	22	28	110.0	220.0	280.0
A	A2	12	18	44	8	150.0	366.7	66.7
A	A3	15	29	11	33	193.3	73.3	220.0

A	A4	25	32	45	31	128.0	180.0	124.0
A	A5	30	26	38	35	86.7	126.7	116.7
A	A6	18	18	45	24	100.0	250.0	133.3
A	A7	26	37	40	18	142.3	153.8	69.2
Index of Item A						**126.0**	**175.8**	**127.5**

(ii) Short term Formulation Using Chain Base Method: In this method, index of a quotation is computed as a ratio of current month price to the previous month price and is then multiplied with the Index of previous month. The geometric mean of indices of all the quotations in a month is the item index/elementary index.

For example, to compute the elementary index of item A in period T1, we first calculate the indices of all the quotations in period T1 as under:

$$\text{Index of quotation A1 in period T1} = \frac{\text{Price of A1 in T1}}{\text{Price of A1 in T0}} \text{ X Index of A1 in T0}$$

$$(\text{Index of each quotation in the base year i. e. T0 is } 100)$$

$$\frac{11}{10} \text{X } 100 = 110$$

Similarly, indices of other quotations are computed and are given in column (7) of the Table 3.

The Index of Item A i.e. Elementary Index in period T1

= Geometric Mean of Indices of A1, A2…… A7

= G.M. (110, 150, 193.3, ….142.3)

= 126.0

Elementary Index of item A in period T2

Indices of other quotations are computed and are given in column (8) of the Table 3.

$$\text{Index of quotation A1 in period T2} = \frac{\text{Price of A1 in T2}}{\text{Price of A1 in T1}} \text{ X Index of A1 in T1}$$

$$\frac{22}{11} \text{X } 110 = 220$$

Elementary Index of A = Geometric Mean of Indices of A1, A2…… A7

= G.M. (220, 366.7, 73.3,.153.8) = 175.8

Illustration Table 3: Compilation of Elementary Index using Short-Term Formulation using chain-based method

Item	Quota Tion	Base Price	Prices			Index using Short Term Formulation		
		T0	T1	T2	T3	T1	T2	T3
(1)	*(2)*	*(3)*	*(4)*	*(5)*	*(6)*	*(7)*	*(8)*	*(9)*
A	A1	10	11	22	28	110.0	220.0	280.0
A	A2	12	18	44	8	150.0	366.7	66.7
A	A3	15	29	11	33	193.3	73.3	220.0
A	A4	25	32	45	31	128.0	180.0	124.0
A	A5	30	26	38	35	86.7	126.7	116.7
A	A6	18	18	45	24	100.0	250.0	133.3
A	A7	26	37	40	18	142.3	153.8	69.2
Index of Item A						**126.0**	**175.8**	**127.5**

The index values computed using long-term formulation and short-term formulation using chain base method are same.

Further, illustration for imputing missing prices is given below:

Illustration 2: Imputation of temporarily Missing Prices using Targeted Mean Imputation Method

Suppose there are three quotations of item A – A1, A2 and A3 with following price in the month of Jan, Feb and March.

Illustration Table 4: Sample database for imputation of temporarily missing price using Targeted Mean Imputation Method

Quotations of an Item A	Base Price	Price for the Month		
		Jan	Feb	Mar
A1	44	50	54	60
A2	42	40	42	47
A3	64	60	66	Missing Price

The price of A3 is missing in March, then imputed price will be computed as under:

Imputed Price for A3 for Mar = Last month's price of A3 X Geometric mean of ratio (current month to last month's price) based on quotations having price

= 66 X [{(47/42) X (60/54)} ^ 1/2] = 73.6

The Elementary Index can then be computed using the long-term formulation or the short-term formulation. The results using both the methods are as under:

(i) Long Term Formulation Method

$$\text{Index for quotation A3 in March} = \frac{73.6}{60} \text{X } 100 = 115$$

Illustration Table 5: Imputation of temporarily missing price using long-term formulation method

Quotations	Base Price	Price			Index for the Month		
		Jan	Feb	Mar	Jan	Feb	Mar
A1	44	50	54	60	113.6	122.7	136.4
A2	42	40	42	47	95.2	100.0	111.9
A3	64	60	66	73.6	93.8	103.1	115.0
Index for Item A					**100.5**	**108.2**	**120.6**

Elementary Index for item A in March = GM (136.4, 111.9, 115) = 120.6

(ii) Short Term Formulation using Chain base Method

$$\text{Index for quotation A3 in March} = \frac{73.6}{66} \text{X } 103.1 = 115$$

Illustration Table 6: Imputation of temporarily missing price using short-term formulation using chain-base method

Quotations	Base Price	Price			Index for the Month		
		Jan	Feb	Mar	Jan	Feb	Mar
A1	44	50	54	60	113.6	122.7	136.4
A2	42	40	42	47	95.2	100.0	111.9
A3	64	60	66	73.6	93.8	103.1	115.0
Index for Item A					**100.5**	**108.2**	**120.6**

Elementary Index for item A in March = GM (136.4, 111.9, 115.0) = 120.6

Illustration 3: Computation of Indices in case of Seasonal Items/items having no reported prices in any of the quotations

In certain sub-groups there may be items that are seasonal in nature, thus the price of such items will not be available for some months. In those cases, the monthly index of the sub-group is computed by using the prices of the non-seasonal items only. Since the short-term chain base method has been decided to be used for compiling the new series of WPI/PPI, which requires previous month price as well as previous month index, hence prices for seasonal items need to be imputed to serve as a denominator in compiling the seasonal item's index in subsequent months. The index of the sub-

group (computed based on index of non-seasonal items) is used as multiplying factor for imputing the prices of seasonal items. Also, the index for these seasonal items will be compiled for non-seasonal months, however, the same will not be published.

For example, suppose in a Sub-group "Z" there are three items – A, B and C, where B is a seasonal item. The prices of item B are not available in May and June (non-seasonal months).

Illustration Table 1: Sample database for computation of indices in case of seasonal items/items

Quotations	Item	Weight	Specification	Base Price	Price			
					Apr	May	Jun	Jul
1	A	0.35	A1	10	11	22	28	25
2	A		A2	12	18	44	8	15
3	A		A3	15	29	11	33	34
4	A		A4	25	32	45	31	31
5	B	0.09	B1	30	26			28
6	B		B2	18	18			20
7	B		B3	26	37			35
8	B		B4	49	50			52
9	B		B5	37	40			40
10	C	0.17	C1	112	112	114	114	120
11	C		C2	76	80	79	77	80
Sub-group	**Z**	**0.61**						

The steps involved in compilation of index for Sub-group Z during April to July are as under:

Step 1. Compute the elementary indices for items A, B and C for April using the short-term chain base method. The aggregate index for Sub-group Z is computed using the weighted arithmetic mean (A.M.) of indices of items A, B and C.

Illustration Table 2.1: Computation of elementary index for seasonal items using short-term chain base method

Quotations	Item	Weight	Specification	Base Price	Prices				Index
					Apr	May	Jun	Jul	Apr
1	A	0.35	A1	10	11	22	28	25	110.0
2	A		A2	12	18	44	8	15	150.0
3	A		A3	15	29	11	33	34	193.3
4	A		A4	25	32	45	31	31	128.0

Quotations	Item	Weight	Specification	Base Price	Prices				Index
					Apr	May	Jun	Jul	Apr
Index of item A									***142.2***
5	B	0.09	B1	30	26			28	86.7
6	B		B2	18	18			20	100.0
7	B		B3	26	37			35	142.3
8	B		B4	49	50			52	102.0
9	B		B5	37	40			40	108.1
Index of item B									***106.4***
10	C	0.17	C1	112	112	114	114	120	100.0
11	C		C2	76	80	79	77	80	105.3
Index of item C									***102.6***
Sub-group	**Z**	**0.61**							**125.8**

Step 2. In the month of May, the elementary indices will be computed for item A and C and the index for Sub-group Z will be computed based on weighted A.M. of indices of item A and C only.

Illustration Table 2.2: Computation of elementary index for seasonal items using short-term chain base method

Quotations	Item	Weight	Specification	Base Price	Prices		Index	
					Apr	May	Apr	May
1	A	0.35	A1	10	11	22	110.0	220.0
2	A		A2	12	18	44	150.0	366.7
3	A		A3	15	29	11	193.3	73.3
4	A		A4	25	32	45	128.0	180.0
Index of item A							***142.2***	***180.6***
5	B	0.09	B1	30	26		86.7	
6	B		B2	18	18		100.0	
7	B		B3	26	37		142.3	
8	B		B4	49	50		102.0	
9	B		B5	37	40		108.1	
Index of item B							***106.4***	
10	C	0.17	C1	112	112	114	100.0	101.8
11	C		C2	76	80	79	105.3	103.9
Index of item C							***102.6***	***102.9***
Sub-group	**Z**	**0.61**					**125.8**	**155.2**

Step 3. Compute the imputed prices of seasonal item B. The imputed price of a quotation of item B in May is calculated by multiplying its base price with the index of Sub-group Z and divided by 100, i.e.

Imputed Price of B1 = (Base price of B1 X Index of Sub-Group Z)/100 = (30 X 155.2) / 100 = 46.6

Similarly, imputed prices of remaining quotations of item B are computed in May along with their respective indices, however, the index for item B will not be published for May (non-seasonal month).

Illustration Table 2.3: Computation of elementary index for seasonal items using short-term chain base method

Quotations	Item	Weight	Specification	Base Price	Prices		Index	
					Apr	May	Apr	May
1	A	0.35	A1	10	11	22	110.0	220.0
2	A		A2	12	18	44	150.0	366.7
3	A		A3	15	29	11	193.3	73.3
4	A		A4	25	32	45	128.0	180.0
Index of item A							***142.2***	***180.6***
5	B	0.09	B1	30	26	46.6	86.7	155.2
6	B		B2	18	18	27.9	100.0	155.2
7	B		B3	26	37	40.4	142.3	155.2
8	B		B4	49	50	76.1	102.0	155.2
9	B		B5	37	40	57.4	108.1	155.2
Index of item B							***106.4***	***155.2***
10	C	0.17	C1	112	112	114	100.0	101.8
11	C		C2	76	80	79	105.3	103.9
Index of item C							***102.6***	***102.9***
Sub-group	**Z**	**0.61**					**125.8**	**155.2**

It is pertinent to note that derived index for item B (using imputed prices) does not affect the aggregate index of the Sub-group Z i.e. if the index for Z is calculated using weighted A.M. of indices of items A, B (derived index) and C, the index value of Z remains same as is computed based on index for items A and C.

$$\text{Index of Sub-group Z} = \frac{(180.6 \times 0.35 + 155.2 \times 0.09 + 102.9 \times 0.17)}{(0.35 + 0.09 + 0.17)} = 155.2$$

= Index of Sub-group Z computed using item A and C in Step 2 above

Step 4. Steps 2 and 3 are repeated to compute the elementary indices for items A, B and C and aggregate index for Sub-group Z, for June. The results are as follows:

Illustration Table 2.4: Computation of elementary index for seasonal items using short-term chain base method

Quotations	Item	Weight	Specification	Base Price	Prices			Index		
					Apr	May	Jun	Apr	May	Jun
1	A	0.35	A1	10	11	22	28	110.0	220.0	280.0
2	A		A2	12	18	44	8	150.0	366.7	66.7
3	A		A3	15	29	11	33	193.3	73.3	220.0
4	A		A4	25	32	45	31	128.0	180.0	124.0
Index of item A								***142.2***	***180.6***	***150.2***
5	B	0.09	B1	30	26	46.6	40.3	86.7	155.2	134.3
6	B		B2	18	18	27.9	24.2	100.0	155.2	134.3
7	B		B3	26	37	40.4	34.9	142.3	155.2	134.3
8	B		B4	49	50	76.1	65.8	102.0	155.2	134.3
9	B		B5	37	40	57.4	49.7	108.1	155.2	134.3
Index of item B								***106.4***	***155.2***	***134.3***
10	C	0.17	C1	112	112	114	114	100.0	101.8	101.8
11	C		C2	76	80	79	77	105.3	103.9	101.3
Index of item C								***102.6***	***102.9***	***101.6***
Sub-group	**Z**	**0.61**						**125.8**	**155.2**	**134.3**

Step 5. Step 1 is repeated to compute the elementary indices and aggregate index for the month of Jul. The results are as follows:

Illustration Table 2.5: Computation of elementary index for seasonal items using short-term chain base method

Quotations	Item	Weight	Specification	Base Price	Prices				Index			
					Apr	May	Jun	Jul	Apr	May	Jun	Jul
1	A	0.35	A1	10	11	22	28	25	110.0	220.0	280.0	250.0
2	A		A2	12	18	44	8	15	150.0	366.7	66.7	125.0
3	A		A3	15	29	11	33	34	193.3	73.3	220.0	226.7
4	A		A4	25	32	45	31	31	128.0	180.0	124.0	124.0
Index of item A									***142.2***	***180.6***	***150.2***	***172.2***
5	B	0.09	B1	30	26	46.6	40.3	28	86.7	155.2	134.3	93.3
6	B		B2	18	18	27.9	24.2	20	100.0	155.2	134.3	111.1
7	B		B3	26	37	40.4	34.9	35	142.3	155.2	134.3	134.6

Quotations	Item	Weight	Specification	Base Price	Prices				Index			
					Apr	May	Jun	Jul	Apr	May	Jun	Jul
8	B		B4	49	50	76.1	65.8	52	102.0	155.2	134.3	106.1
9	B		B5	37	40	57.4	49.7	40	108.1	155.2	134.3	108.1
Index of item B									***106.4***	***155.2***	***134.3***	***109.9***
10	C	0.17	C1	112	112	114	114	120	100.0	101.8	101.8	107.1
11	C		C2	76	80	79	77	80	105.3	103.9	101.3	105.3
Index of item C									***102.6***	***102.9***	***101.6***	***106.2***
Sub-group	**Z**	**0.61**							**125.8**	**155.2**	**134.3**	**144.6**

2.11.3 **Output PPI (Goods):** The elementary indices (Item/NPCMS-wise) are compiled using the short-term formulation using chain-based Jevons method and aggregated using weighted arithmetic mean to arrive at SUT Commodity level indices and Industry-wise indices. Treatment of missing prices will be carried out similar to that in the WPI.

2.11.4 **Input PPI (Goods):** Industry-wise elementary indices (NPCMS-wise) are compiled using the short-term formulation using chain-based Jevons method. These are then aggregated to arrive at Industry-wise SUT Commodities indices, which are further aggregated to arrive at Industry-wise Input PPI (Goods)s. Treatment of missing prices will be carried out similar to that in the WPI.

2.11.5 **Service PPI**: The elementary indices are compiled for sub-services using short term chain-based Jevons method and aggregated using weighted arithmetic mean (i.e. Laspeyres Index formula) to arrive at the index for a Service. Brief of the methodologies in respect of seven services, namely, Banking, Securities Transaction, Insurance, Management of Pension Funds, Railways, Air (Passenger), and Telecom Service have been given in **Annexure VII to XIII**.

2.12 Transition from WPI to PPI

2.12.1 Transition from WPI to PPI will be done in a phased manner ensuring minimal disruption and maximum user acceptance. WPI will be released alongside PPIs for a period of five years. This period of concurrent data availability will ensure clear and

data-driven transition to PPI. The parallel release will allow users to become familiar with the concepts, structure, and usage of PPI, meanwhile also giving time for the new PPI index to stabilize.

2.13 Linking Factor for WPI

2.13.1 Linking Factor is computed as the ratio of the Geometric Means of the twelve-month indices of the old series and revised series for the latest overlapping financial year, provided the said year is a normal year. The normalcy of a year has been determined on the basis of coefficient of variation (CV) of twelve-month indices. The overlap year having minimum CV is used for computing the linking factor. Accordingly, FY 2024-25 has been decided as the normal year for computation of Linking Factor. The linking factor for 'All Commodities' and three major groups is given in the table below: -

Table 7: Linking Factor

All Commodities	**1.53**
-Primary Articles	1.71
-Fuel and Power	1.65
-Manufactured Products	1.44

2.13.2 At lower levels of disaggregation, the composition of the item basket has undergone significant changes, owing to the inclusion of new items and the removal of obsolete ones. Consequently, the derivation of linking factors at such granular levels may not yield reliable results.

2.13.3 While linking factors for All Commodities and Major Groups have been provided for reference, users are advised to exercise due caution while interpreting and comparing the indices across the two series. It may also be noted that, as a matter of policy, the Office of the Economic Adviser, DPIIT does not prescribe any specific methodology for linking or converting indices from one series to another.

2.13.4 The selection of an appropriate linking approach is left to the discretion of users, depending on their analytical requirements and purposes. However, users having expertise in the concerned domain may accordingly decide to map the relevant

items in 2011-12 series with 2022-23 series, as per the method used in deriving the linking factor for All Commodities and Major Groups.

Chapter 3: DATA COLLECTION AND DISSEMINATION

3.1 Data Collection and Mechanism

3.1.1 Price data pertaining to Primary Articles and Fuel & Power are collected from administrative Ministries/ Departments, Public Sector Undertakings (PSUs) and State Government Departments. Ministry of Agriculture & Farmers Welfare and other sources provide data for the Food Articles and Non-Food Articles. Indian Bureau of Mines (IBM), Indian Rare Earths Limited (IREL), and State Governments provide data for Minerals.

3.1.2 Ministry of Petroleum and Natural Gas, ONGC and Oil Marketing Companies (OMCs) under administrative control of MoPNG, Sun Petrochemical Pvt. Ltd., and Vedanta Ltd. provide data for crude petroleum & natural gas and mineral oils. The Central Electricity Authority, Ministry of Power; Solar Energy Corporation of India Limited, Ministry of New and Renewable Energy; and Nuclear Power Corporation of India Limited, Department of Atomic Energy provide price data for electricity. Coal India Limited, Ministry of Coal, Singareni Collieries Company Limited, and Gujarat Mineral Development Corporation (GMDC) have provided data for Coal.

3.1.3 Collection of prices for most items of the Manufacturing Products of the new series of WPI/PPI with base year 2022-23 is being done through price collection survey of a sample of manufacturing units. The sample has been selected as per the methodology explained in para 2.7. Apart from private Manufacturing Units, data is also collected from some government agencies, namely, Ministry of Steel; Ministry of Railways etc.

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

data and duly validating the submitted data at field level. In the case of Output PPI (Goods), prices from Export Oriented Unit (EOU) have also been collected.

3.1.5 Data for services is provided by the concerned Ministry/Regulator/selected service providers (Insurance companies). In case of Air (Passenger) Service and Telecom Service, the data is collected from the website of the selected service providers.

3.2 Data Management and Dissemination System

3.2.1 Compilation of a robust index depends upon the quality of data management and data dissemination. Due to improved computer facilities, it has now become easier to compile, store and transmit price index data. As Special Data Dissemination Standard (SDDS) norms of IMF are applicable, every effort is made to ensure timeliness and transparency in release of the indices. Monthly WPI, Output PPI, and trial Input PPI are released on 14th of every month (next working day, if 14th is holiday), and uploaded on official website for public use. Service PPIs are released quarterly on 55th day from the end of the completed quarter (next working day, if it's a holiday).

Chapter 4: RELEASE OF NEW SERIES

4.1 Technical Report by the Working Group

4.1.1 The Working Group set up under the chairmanship of Prof. Ramesh Chand, Member NITI Aayog on 30th December 2024, through its five Sub-Groups consulted various stakeholders and examined the matter relating to the choice of base year, selection of item basket, computation of weighting structure, and other related aspects of the WPI and PPI and submitted its report in April 2026.

4.2 Examination of the new series of WPI and PPIs by TAC on SPCL and NSC

4.2.1 Subsequent to the Working Group, the proposal for the base revision of WPI and the compilation of PPIs was placed before the Technical Advisory Committee on Statistics of Prices and Cost of Living (TAC on SPCL) in its meeting held on 17.04.2026. TAC on SPCL is an expert body in the Ministry of Statistics and Programme Implementation mandated to examine the proposal of Central Government and State Governments/UT Administrations for compilation and dissemination of WPI, PPI, CPI and other price indices and related issues. The TAC on SPCL approved the proposal on Base Year Revision of WPI and compilation of PPIs. Subsequently it was presented before the National Statistical Commission (NSC) in the meeting held on 07.05.2026.

4.3 Approval for release of WPI and launch of PPIs

4.3.1 The Committee of Secretaries (CoS), at its meeting held on 25th May 2026, approved the launch of WPI series with base year 2022-23, along with the Output PPI (Goods) and Service PPIs of seven services. The release of Input PPI (Goods) on a trial basis from March 2025-26 onwards was also approved. The CoS recommended that the WPI be published along with the PPIs for five years from the date of release of revised series and if no concerns are raised by users during this period, the publication of WPI may be discontinued and only PPIs may be released thereafter.

4.3.2 Considering the feasibility aspects and statutory provisions, the Department decided that the periodicity of the release of Service PPIs with the base year 2022–23 would be quarterly, with a time lag of 55 days from the end of the quarter.

4.3.3 The new series of monthly WPI (base year 2022–23) and Output PPI (Goods), along with the quarterly Service PPI for seven services, was released on 15th June 2026. The trial Input PPI (Goods), from March 2026 onwards, was also released on the same date.

Chapter 5: PRODUCER PRICE INDEX FOR SERVICE SECTOR

5.1 Introduction

5.1.1 Since the 1990s, the service sector has been the primary driver of growth in the Indian economy. Consequently, India is often characterized as a 'service-driven economy', with the sector providing production and business support to the primary and industrial sectors. Therefore, there is a need to develop price indices for various services within the service sector to effectively track price movements and inflation.

5.1.2 Against this backdrop, a Sub-Group on the Service Sector was set up under the chairpersonship of Dr. Soumya Kanti Ghosh, Chief Economist, SBI Group, with members from RBI, SEBI, GSTN, DGCA, TRAI, IRDAI, the Railway Board, the Ministry of Ports, Shipping and Waterways, and MoSPI. The mandate of the Sub-Group was to: (i) evaluate the SPPI for five services (Banking, Railways, Securities Transactions, Air Passenger Transport and Telecom) and suggest measures for further improvement; (ii) identify a list of new services that could be incorporated into the PPI and suggest appropriate methodologies; (iii) recommend ways to improve the scope of service price data collection and validation; and (iv) examine the feasibility of compiling the SPPI using CPI.

5.2 Recommendations of Sub-Group endorsed by the Working Group

5.2.1 **Banking Service Producer Price Index (BkSPI)-** Services provided by banking sector can generally be grouped into two broad categories, viz., (i) Direct services and (ii) Intermediation services. Direct services refer to the services for which bank charge fees, commissions, brokerage, etc. from their customer whereas intermediation services include 'deposits' and 'loans and advances', where banks channelise funds between lenders and borrowers and the implicit service charges for customers are estimated through the financial intermediation services indirectly measured (FISIM) approach as described in the System of National Accounts (SNA)2008. **T**he BkSPI measures the change in prices of direct and indirect services rendered by banks. Along with BkSPI, the Banking Service Contribution Index (BkSCI) is calculated to effectively

capture changes in intermediation services by including the Implicit Price Deflator (IPD) for loans and deposits-. The BkSPI and BkSCI are compiled by the RBI and released by O/o Economic Adviser, DPIIT. The methodology is given at **Annexure VII**.

5.2.2 **Securities Transaction Service Producer Price Index (STPI):** The STPI is a quarterly metric that tracks the average inflationary trends and changes in transaction costs of the financial services in the security market such as brokerage, fees, and commissions, specifically excluding government taxes namely STT, stamp duty. The index is compiled for services offered in various segments/sub-segments in Primary Market, Secondary Market and in Asset Management Activities. The annual average revenue for FY 2021-22, 2022-23 and 2023-24 have been used for calculation of weights considering highly dynamic nature of the securities market. The Index is compiled by the SEBI and released by O/o Economic Adviser, DPIIT. The methodology is given at **Annexure VIII**.

5.2.3 **Pension Fund Service Producer Price Index:** The Pension Fund Sector is dominated by entities: the Employees' Provident Fund Organisation (EPFO), which manages its pension funds independently, and the National Pension System (NPS), which is regulated by Pension Fund Regulatory and Development Authority (PFRDA). Together, these two entities account for nearly 90 percent of the total Pension Fund Assets Under Management (AUM) in India. Since the pension funds under EPFO fall under the statutory scheme of the Government of India and hence, the services offered by EPFO are provided free of any administered cost. Thus, the services of EPFO have been kept out of the purview of this index. The services offered by intermediaries registered with PFRDA, have been considered for the compilation of this Index. Trustee Bank and Custodian intermediaries have also been excluded from the index since the Trustee Bank charges are NIL and Custodian charges are minimal. Additionally, the share of NPS Trust intermediary in the revenue for FY 2022-23 was negligible. Therefore, only three intermediaries— Central Record Keeping Agency (CRA), Point-of-Presence (PoP) and Pension Funds—have been

included in the compilation of the SPPI for Pension Funds. The methodology for compiling Pension Fund SPPI is given at **Annexure IX**.

5.2.4 **Insurance Service Producer Price Index:** The Insurance sector is broadly grouped into three businesses viz. Life, Non-Life and Health with further disaggregation at segments thereunder. In this sector, premium-based approach has been adopted for determining prices in the calculation of Insurance SPPI. The methodology for compiling Insurance SPPI given at **Annexure X**.

5.2.5 **Railway Service Producer Price Index:** The Railways offer freight and passenger services. The index covers both the services. Under Railway Freight Services thirteen commodities have been included: Container Services, Limestone and Dolomite, Stones and Other Marble, Salt, Sugar, Automobiles, Coal, Iron Ore, Iron and Steel, Cement, Food Grains, Fertilizers, POL (Mineral Oil). For Passenger services, classification of Passenger services followed by M/o Railways into suburban (covering both upper and lower classes) and non-suburban segments has been adopted, with each segment further divided into sub-class. Average lead and the corresponding distance slab, during the FY 2022-23 for each commodity have been adopted in the case of Freight and sub-class in the case of Passenger for fixing specification and the corresponding prices for compilation of index. Busy Season Charge is included in case of Freight services and Flexi Fare in case of Passenger services, to accurately reflect market volatility and capture actual price realization, and mapping of popular trains in sub-classes for monitoring the price change in the fares. The methodology for compiling Railways SPPI is given at **Annexure XI**.

5.2.6 **Telecom Service Producer Price Index:** The Index covers both the Wireless and Wireline services offered by telecom companies. Under the Wireless services, both postpaid and pre-paid plans have been included based on popularity. The methodology for compiling Telecom SPPI is given at **Annexure XII**.

5.2.7 **Air (Passenger) Service Producer Price Index:** The index covers the passenger services offered by airline companies on selected domestic and international routes. Owing to the issue of non-availability of backlog price data for compiling the index for Air (Passenger) Services, the index has been compiled with base year 2025-26 for prices, i.e., price reference period, while sub-item/sector weights have been derived based on Passenger footfall data of 2022-23 (i.e. weight reference period). This is in line with the practice followed by the Singapore Department of Statistics in compiling the Services Producer Price Indices, where the weight reference period and the price reference period differ. The methodology for compiling Air (Passenger) SPPI is given at **Annexure XIII**.

Annexure I: Item Basket and Weighting Structure for Wholesale Price Index (Base Year 2022-23)

Level	Commodity Name	Weight
ALL	**All Commodities**	**100.00000**
Major Group	**I PRIMARY ARTICLES**	**22.75730**
Group	**(A). FOOD ARTICLES**	**15.97835**
Sub Group	**a. Food Grains (Cereals + Pulses)**	**3.60359**
Sub Sub Group	**a1. Cereals**	**3.03974**
Item	Paddy	1.59243
Item	Wheat	0.97815
Item	Maize	0.30700
Item	Bajra	0.09004
Item	Jowar	0.04147
Item	Ragi	0.01597
Item	Barley	0.01468
Sub Group	**a2. Pulses**	**0.56385**
Item	Gram	0.24021
Item	Moong	0.09338
Item	Arhar	0.08608
Item	Urad	0.06581
Item	Masur	0.03922
Item	Peas/Chawli	0.02400
Item	Moth	0.00953
Item	Khesari	0.00416
Item	Rajma	0.00146
Sub Group	**b. Fruits & Vegetables**	**3.40429**
Sub Sub Group	**b1. Vegetables**	**1.73231**
Item	Potato	0.38030
Item	Tomato	0.21773
Item	Onion	0.19456
Item	Brinjal	0.14389
Item	Cauliflower	0.11584
Item	Cabbage	0.09630
Item	Peas (Green)	0.09443
Item	Okra (Lady finger)	0.09311
Item	Tapioca	0.07039
Item	Ginger (Fresh)	0.04834
Item	Beans	0.05349
Item	Drumstick	0.03385
Item	Radish	0.02907

Level	Commodity Name	Weight
Item	Bottle Gourd	0.02671
Item	Carrot	0.02330
Item	Bitter Gourd	0.02320
Item	Pumpkin	0.01811
Item	Sweet Potato	0.01474
Item	Cucumber	0.01629
Item	Pointed Gourd	0.01178
Item	Mushroom	0.01468
Item	Capsicum	0.01220
Sub Sub Group	**b2. Fruits**	**1.67198**
Item	Mango	0.40062
Item	Banana	0.49402
Item	Orange	0.10431
Item	Lemon	0.06046
Item	Pomegranate	0.06984
Item	Coconut (Fresh)	0.06342
Item	Guava	0.06098
Item	Grapes	0.06040
Item	Papaya	0.05245
Item	Apple	0.03975
Item	Cashew Nut	0.03899
Item	Jackfruit	0.03212
Item	Pineapple	0.02621
Item	Watermelon	0.02657
Item	Walnut	0.02527
Item	Amla/Aonla	0.01639
Item	Litchi	0.01596
Item	Mosambi (Sweet Orange)	0.05626
Item	Sapota	0.01102
Item	Muskmelon	0.01032
Item	Pear	0.00272
Item	Peach/plum	0.00230
Item	Almonds	0.00108
Item	Strawberry	0.00052
Sub Group	**c. Milk**	**4.18896**
Item	Milk	4.18896
Sub Group	**d. Eggs, Meat & Fish**	**3.14934**
Item	Fish-Inland	0.81651
Item	Poultry Chicken	0.69916

Level	Commodity Name	Weight
Item	Fish-Marine	0.64866
Item	Mutton/Goat Meat	0.57993
Item	Eggs	0.22450
Item	Beef and Buffalo Meat	0.14737
Item	Pork	0.03321
Sub Group	**e. Condiments & Spices**	**0.77234**
Item	Chillies (Dry)	0.21777
Item	Betel Nut/Areca Nut	0.21439
Item	Garlic	0.09438
Item	Cumin	0.06100
Item	Ginger (Dry)	0.04388
Item	Coriander	0.04301
Item	Turmeric	0.03853
Item	Black pepper	0.01936
Item	Cardamom	0.01616
Item	Fennel	0.00833
Item	Tamarind	0.00514
Item	Methi	0.01039
Sub Group	**f. Other Food Articles**	**0.85983**
Item	Sugarcane	0.63067
Item	Tea	0.10501
Item	Betel leaves	0.07455
Item	Coffee	0.04960
Group	**(B). NON-FOOD ARTICLES**	**5.52841**
Sub Group	**a. Fibres**	**0.64827**
Item	Raw Cotton	0.54284
Item	Raw Silk	0.06544
Item	Raw Jute	0.03368
Item	Coir Fibre	0.00369
Item	Raw Wool	0.00140
Item	Mesta	0.00122
Sub Group	**b. Oil Seeds**	**0.99237**
Item	Soyabean	0.31171
Item	Rapeseed & Mustard Seed	0.25835
Item	Groundnut Seed	0.23644
Item	Copra (Coconut)	0.05662
Item	Castor Seed	0.05002
Item	Cotton Seed	0.03619
Item	Gingelly Seed (Sesamum)	0.02993

Level	Commodity Name	Weight
Item	Sunflower Seed	0.00745
Item	Linseed	0.00359
Item	Safflower (Kardi) Seeds	0.00147
Item	Niger Seed	0.00060
Sub Group	**c. Other Non-Food Articles**	**3.69197**
Item	Industrial wood	1.40081
Item	Fodder	1.44934
Item	Firewood	0.29213
Item	Dung	0.32183
Item	Tobacco	0.07296
Item	Raw Rubber	0.05436
Item	Guar Seed	0.04254
Item	Skins (Raw)	0.03079
Item	Hides (Raw)	0.02596
Item	Tanning Materials	0.00125
Sub Group	**d. Floriculture**	**0.17641**
Item	Rose	0.12349
Item	Jasmine	0.02646
Item	Marigold	0.02646
Sub Group	**e. Medicinal Plants**	**0.01939**
Item	Isabgole	0.01939
Group	**(C). MINERALS**	**1.25054**
Sub Group	**a. Metallic minerals**	**0.67595**
Item	Bauxite	0.01751
Item	Chromite	0.02983
Item	Zinc concentrate	0.05835
Item	Manganese Ore	0.01460
Item	Iron Ore	0.53347
Item	Copper concentrate	0.00653
Item	Lead concentrate	0.01566
Sub Group	**b. Other Minerals**	**0.18357**
Item	Phosphorite	0.01801
Item	Limestone	0.16328
Item	Garnet	0.00148
Item	Sillimanite	0.00080
Sub Group	**c. Minor minerals**	**0.39102**
Item	Sand/Beach Sand/Morum	0.39102
Major Group	**II FUEL & POWER**	**14.11433**
Group	**(A). COAL & LIGNITE**	**0.74136**
Sub Group	**a. Coking Coal**	**0.07680**

Level	Commodity Name	Weight
Item	Coking Coal	0.07680
Sub Group	**b. Non-Coking Coal**	**0.63994**
Item	a.) Non-Coking Coal G1 to G6 [GCV exceeding 5500 Kcal/kg.]	0.08189
Item	b.) Non-Coking Coal G7 to G14 [GCV 3100 Kcal/kg. to 5500 Kcal/kg.]	0.54365
Item	c.) Non-Coking Coal G15 to G17 [GCV < 3100 Kcal/kg.]	0.01440
Sub Group	**c. Lignite**	**0.02462**
Item	Lignite	0.02462
Group	**(B). MINERAL OILS**	**8.19208**
Item	Liquefied Petroleum Gas (LPG)	0.44403
Item	Petrol	1.72846
Item	Kerosene	0.04442
Item	ATF	0.76585
Item	High Speed Diesel (HSD)	4.02498
Item	Naphtha	0.55164
Item	Bitumen	0.09451
Item	Furnace Oil	0.22056
Item	Lube Oils	0.16943
Item	Petroleum Coke	0.11123
Item	Mineral Turpentine Oil (MTO)	0.01141
Item	Sulphur	0.02556
Group	**(C). ELECTRICITY**	**4.46349**
Sub Group	**a. Hydro Electricity**	**0.32906**
Item	Hydro Electricity	0.32906
Sub Group	**b. Thermal Electricity**	**3.68049**
Item	Thermal Coal Electricity	3.56820
Item	Thermal Gas Electricity	0.11229
Sub Group	**c. Solar**	**0.21795**
Item	Solar Electricity	0.21795
Sub Group	**d. Wind**	**0.12583**
Item	Wind Electricity	0.12583
Sub Group	**e. Nuclear**	**0.11016**
Item	Nuclear Electricity	0.11016
Group	**(D). CRUDE PETROLEUM & NATURAL GAS**	**0.71740**
Item	Crude Petroleum	0.47555
Item	Natural Gas	0.24185
Major Group	**III. MANUFACTURED PRODUCTS**	**63.12837**
Group	**(A). MANUFACTURE OF FOOD PRODUCTS**	**9.02016**
Sub Group	**a. Processing and preserving of meat**	**0.14866**
Item	Buffalo Meat- chilled/frozen	0.09829

Level	Commodity Name	Weight
Item	Chicken meat- chilled/frozen	0.03212
Item	Meat and Offal Products incl. Other chilled/frozen meat, sausages and prepared dishes	0.01725
Item	Goat Meat- chilled/frozen	0.00100
Sub Group	**b. Processing and preserving of fish, crustaceans and molluscs**	**0.36496**
Item	Fish -frozen	0.04564
Item	Fish fillet- frozen	0.02373
Item	Shrimps/Prawns - Frozen/Preserved/Prepared	0.27477
Item	Fishmeal and Marine Byproducts	0.02082
Sub Group	**c. Processing and preserving of fruit and vegetables**	**0.16578**
Item	Vegetables/fruits/Pulses - Processed incl. Frozen	0.01554
Item	Pickle - Vegetable/Pulses	0.00998
Item	Prepared meals based on vegetables/pulses	0.05947
Item	Dried vegetables	0.00962
Item	Mango Juice/Pulp	0.04237
Item	Mixed Fruit Juice/Pulp	0.00697
Item	Fruits and Nuts - Frozen/Preserved/Processed	0.00837
Item	Jams, fruit jellies, marmalades including Aam Papad	0.00284
Item	Pickle-Mango	0.00348
Item	Sauces all type excl. Tomato Sauce/Ketchup	0.00714
Sub Group	**d. Manufacture of vegetable and animal oils and fats**	**1.96540**
Item	Cottonseed oil	0.06569
Item	Mustard oil	0.24128
Item	Rice bran oil	0.21064
Item	Soya bean oil	0.43804
Item	Groundnut or Peanut oil	0.03622
Item	Sunflower-seed oil	0.17637
Item	Palm oil	0.43753
Item	Refined vegetable oils (Vanaspati ghee)	0.08136
Item	Oilseed cakes (oilcakes) excl. Mustard Oil Cake	0.24054
Item	Coconut Oil	0.03288
Item	Castor Oil	0.00352
Item	Rapeseed Oil	0.00133
Sub Group	**e. Manufacture of dairy products**	**1.29749**
Item	Processed or Preserved Milk (Normal, Full-cream, Toned, Skimmed), whether or not chilled	0.80145
Item	Skim milk powder and whey powder	0.10613
Item	Curd (Dahi)	0.07450
Item	Ghee	0.15411
Item	Butter	0.05148

Level	Commodity Name	Weight
Item	Ice cream	0.06435
Item	Whole Milk Powder	0.04547
Sub Group	**f. Manufacture of grain mill products**	**1.85895**
Item	Wheat Flour - Atta/Maida	0.38230
Item	Rice(broken)	0.07576
Item	Rice (Basmati)	0.39733
Item	Rice (other than basmati)	0.60103
Item	Milled Arhar Dal	0.10170
Item	Milled Moong Dal	0.03607
Item	Milled Gram	0.05805
Item	Rice bran	0.07690
Item	Wheat bran	0.05461
Item	Sooji	0.01585
Item	Rice Products incl. Chira/Chidwa/Poha/Muri	0.01864
Item	Besan	0.03063
Item	Flour of cereals other than rice, wheat etc.	0.01008
Sub Group	**g. Manufacture of starches and starch products**	**0.05766**
Item	Maize Starch	0.05386
Item	Vegetable starch	0.00380
Sub Group	**h. Manufacture of bakery products**	**0.36193**
Item	Biscuits/Cookies	0.15292
Item	Bread	0.04248
Item	Namkeen/bhujia	0.13936
Item	Cakes/Pastries/Muffins	0.02717
Sub Group	**i. Manufacture of sugar**	**0.97454**
Item	Khandsari sugar	0.02785
Item	Gur (Jaggery)	0.00507
Item	Sugar incl. sugar cube	0.79597
Item	Specialty Refined Sugars Products and Syrups	0.06875
Item	Ethanol	0.03987
Item	Bagasse/Press Cake/Beet Pulp	0.03703
Sub Group	**j. Manufacture of cocoa, chocolate and sugar confectionery**	**0.28991**
Item	Milk Confection	0.05541
Item	Molasses	0.08199
Item	Chocolate & Cocoa Powder	0.12318
Item	Sugar Confection	0.02933
Sub Group	**k. Manufacture of macaroni, noodles, couscous and similar farinaceous products**	**0.08936**
Item	Noodles/Macaroni/Pasta	0.04424

Level	Commodity Name	Weight
Item	Potato chips/wafers	0.04512
Sub Group	**l. Processing of coffee and tea**	**0.29764**
Item	Processed Tea excl. Green Tea	0.24412
Item	Green Tea	0.00416
Item	Instant Coffee	0.03779
Item	Coffee powder with chicory	0.01157
Sub Group	**m. Manufacture of other food products**	**0.47947**
Item	Honey	0.00196
Item	Salt	0.01332
Item	Processed Shelled Cashew Nuts	0.09834
Item	Processed Dry Chillies (Whole/Powder)	0.08688
Item	Spices (incl. mixed spices), processed	0.12164
Item	Homogenized Composite Food Preparations Incl. Protein Powder and Health Drinks	0.04109
Item	Tomato Sauce/Ketchup	0.02884
Item	Other food products n.e.c.	0.08268
Item	Corn Flake	0.00472
Sub Group	**n. Manufacture of prepared animal feeds**	**0.66841**
Item	Gola & similar Cattle Feed	0.10969
Item	Husk/Grain-based animal, Poultry/aquatic feed	0.47273
Item	Processed Maize (Corn) Groats, Meal and Pellets	0.01564
Item	Soya Preparations excl. Oil	0.02866
Item	Mustard oil cake	0.04169
Group	**(B). MANUFACTURE OF BEVERAGES**	**0.90483**
Sub Group	**a. Distilling, rectifying and blending of spirits**	**0.19597**
Item	Neutral Grain Spirit (NGS)	0.01232
Item	Ethyl Alcohol and Spirits (Denatured and Undenatured, All Strengths)	0.03350
Item	Country liquor and its variants	0.07517
Item	Whisky	0.04728
Item	Other Spirits & Liqueurs (n.e.c., approx. 40% vol)	0.02770
Sub Group	**b. Manufacture of wines**	**0.00800**
Item	Wine	0.00800
Sub Group	**c. Manufacture of beer**	**0.05663**
Item	Beer	0.05663
Sub Group	**d. Manufacture of soft drinks; production of mineral waters and other bottled waters**	**0.64423**
Item	Soft drinks and carbonated beverage (incl. soft drink concentrates)	0.58184
Item	Bottled Mineral Water/Packed drinking water	0.06239
Group	**(C). MANUFACTURE OF TOBACCO PRODUCTS**	**0.27645**

Level	Commodity Name	Weight
Sub Group	**a. Manufacture of tobacco products**	**0.27645**
Item	Chewing Tobacco/Flavoured Tobacco Mixtures-All Kinds	0.10902
Item	Cigarettes	0.10389
Item	Biri	0.04457
Item	Other tobacco products	0.01897
Group	**(D). MANUFACTURE OF TEXTILES**	**4.08993**
Sub Group	**a. Preparation and spinning of textile fibres**	**2.73997**
Item	Cotton Yarn incl. hosiery yarn (grey/unbleached, bleached, dyed, or otherwise processed)	1.55534
Item	Polyester Spun Yarn	0.06350
Item	Yarn (other than sewing thread) of synthetic staple fibres	0.05012
Item	Polyester cotton blended yarn	0.08174
Item	Polyester viscose blended yarn	0.06101
Item	Blended Yarn (other than sewing thread) of synthetic staple fibres	0.03320
Item	Viscose Rayon & Dacron Yarn	0.05242
Item	Hessian / gunny cloth/sacking cloth	0.15430
Item	Unbleached Grey Cloth	0.35872
Item	Cotton Woven/ Knitted Fabrics	0.16226
Item	Men's Dress Fabric (Cotton-Polyester Blend)	0.04487
Item	PSF Suiting & Fabrics for Pants/Skirts	0.06208
Item	Cotton Waste for Recycling	0.04128
Item	Woollen yarn	0.01913
Sub Group	**b. Weaving of textiles**	**0.44252**
Item	Dyed/printed cotton fabrics, light	0.16885
Item	Grey cotton fabrics for jeans	0.07504
Item	Cotton Suiting Fabrics	0.03547
Item	Suiting Fabrics-others	0.04308
Item	Woven fabrics of synthetic staple/man-made filament yarn	0.05608
Item	Woollen cloth- Woven/Polyester Blended	0.03883
Item	Synthetic/Polyethylene Fabric	0.00601
Item	Fabrics/cloth, rayon	0.01916
Sub Group	**c. Manufacture of knitted and crocheted fabrics**	**0.05841**
Item	Cotton/Other fabric clothes	0.05841
Sub Group	**d. Manufacture of made-up textile articles, except apparel**	**0.47728**
Item	Blankets/Quilts incl. eiderdowns, pouffes, pillows, sleeping bags	0.07836
Item	Bed linen/ bedspread and Curtains (incl. drapes) and interior blinds	0.17857

Level	Commodity Name	Weight
Item	Made-up articles of textile materials other than bed-linen/ bed spreads/ curtains	0.04723
Item	Cushions	0.01650
Item	Blankets/Quilts incl. eiderdowns, pouffes, pillows, sleeping bags	0.06194
Item	Labels	0.02088
Item	Non-woven geotextiles	0.06315
Item	PVC-Coated Cloth	0.01065
Sub Group	**e. Manufacture of carpets and rugs**	**0.15602**
Item	Carpets/Rugs/Other floor coverings	0.15602
Sub Group	**f. Manufacture of cordage, rope, twine and netting**	**0.03399**
Item	Synthetic Sewing thread	0.01116
Item	Knotted Netting (Twine, Non-Mosquito)	0.01178
Item	Elastic tape	0.01043
Item	Nylon rope	0.00022
Item	Cordage/ropes/twines of jute and coir	0.00040
Sub Group	**g. Manufacture of other textiles**	**0.18174**
Item	Other Woven Polyester Filament Fabrics	0.03599
Item	Mosquito nets	0.02395
Item	Tyre cord fabric/Terry towelling fabrics	0.01593
Item	Hygienic & Sanitary Products	0.06438
Item	Nylon Industrial Yarn / Tyre Cord (NTC)	0.02659
Item	Packing Bags for Goods	0.01490
Group	**(E). MANUFACTURE OF WEARING APPAREL**	**1.32948**
Sub Group	**a. Manufacture of wearing apparel, except fur apparel**	**0.72505**
Item	Men/Boys Readymade Garments-Not Knitted (All Type)	0.25261
Item	Women/Girls Readymade Garments-Not Knitted (All Type)	0.29461
Item	Babies' Garments – Not Knitted (All Type)	0.01523
Item	Leather Garments incl. Shirts/pants/Jackets/Gloves etc.	0.03103
Item	Coated or Impregnated Textile Garments	0.13157
Sub Group	**b. Manufacture of knitted and crocheted apparel**	**0.60443**
Item	Men/Boys Readymade Garments-Knitted (All Type)	0.27373
Item	Unisex Readymade Garments-Knitted (All Type)	0.14535
Item	Women/Girls Readymade Garments-Knitted (All Type)	0.14323
Item	Babies' Garments – Knitted (All Type)	0.02385
Item	Hosiery Products (incl. socks, tights, and similar items)	0.01827
Group	**(F). MANUFACTURE OF LEATHER AND RELATED PRODUCTS**	**0.54137**
Sub Group	**a. Tanning and dressing of leather; dressing and dyeing of fur**	**0.05902**

Level	Commodity Name	Weight
Item	Chrome Tanned Leather - All kinds	0.05902
Sub Group	**b. Manufacture of luggage, handbags, and the like, saddlery and harness of any material**	**0.07449**
Item	Travel goods (bags, wallets, belts)	0.07307
Item	Harness, Saddles & Other related Items	0.00142
Sub Group	**c. Manufacture of footwear**	**0.40786**
Item	Water Footwear - Waterproof/Aqua Footwear	0.01744
Item	Leather-cum-Rubber/Plastic Cloth Sandals & Chappal	0.05681
Item	Footwear of rubber or plastics (Sustainable/Eco friendly Footwear/ Athleisure)	0.05812
Item	Leather Shoes (Women's/girl's/Men's/boys& kids)	0.08272
Item	Canvas shoes (Women's/girl's/Men's/boys& kids)	0.05349
Item	Industrial safety Footwear	0.03244
Item	Footwear with upper of textile material	0.02743
Item	Sports Shoes (All Kind)	0.05880
Item	Parts of footwear; removable insoles, heel cushions, gaiters, legging etc	0.02061
Group	**(G). MANUFACTURE OF WOOD AND PRODUCTS OF WOOD AND CORK, EXCEPT FURNITURE; MANUFACTURE OF ARTICLES OF STRAW AND PLAITING MATERIALS**	**1.07718**
Sub Group	**a. Sawmilling and planning of wood**	**0.04560**
Item	Timber/ wooden planks	0.00762
Item	Wood cutting processed sized	0.00925
Item	Sawn Wood	0.02410
Item	Wooden splint	0.00463
Sub Group	**b. Manufacture of veneer sheets and wood-based panels**	**0.95706**
Item	Lamination wooden sheets/ Veneer sheets	0.15542
Item	Plywood board	0.46014
Item	Decorative Plywood (Veneered/Other)	0.04008
Item	Particle board	0.18060
Item	Medium-Density Fibreboard (MDF)	0.03308
Item	Veneered Particle Board / Block Boards	0.01054
Item	Flush doors	0.07720
Sub Group	**c. Manufacture of wooden containers**	**0.07280**
Item	Wooden Box/Crate/Block	0.07280
Sub Group	**d. Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials**	**0.00172**
Item	Wooden Handicrafts and Decorative Wood Articles	0.00172
Group	**(H). MANUFACTURE OF PAPER AND PAPER PRODUCTS**	**1.15328**
Sub Group	**a. Manufacture of pulp, paper and paperboard**	**0.50945**

Level	Commodity Name	Weight
Item	Paper of all kinds excl. newsprint	0.45398
Item	Newsprint	0.02143
Item	Tissue Paper/Toilet Paper/Napkins/Paper Handkerchiefs	0.01638
Item	Bristol Paper Board	0.01766
Sub Group	**b. Manufacture of corrugated paper and paperboard and of containers of paper and paperboard**	**0.38046**
Item	Paper board/ duplex board	0.06896
Item	Paper products (incl. cardboard/ corrugated boxes, rolls, boards, tubes and sleeves, etc.)	0.30382
Item	Disposable Paper Plates/Glass/Cup etc.	0.00768
Sub Group	**c. Manufacture of other articles of paper and paperboard**	**0.26337**
Item	Printing & Writing Paper	0.19264
Item	Laminated Paper	0.04525
Item	Paper Stationery incl. Registers, account books, notebooks, diaries etc	0.02548
Group	**(I). PRINTING AND REPRODUCTION OF RECORDED MEDIA**	**0.42618**
Sub Group	**a. Printing**	**0.42618**
Item	Printed Books (incl. Manuals, reports, brochures, catalogues, etc.)	0.13478
Item	Newspapers	0.13312
Item	Printed Forms/Schedules/Paper Leaflets/Post Cards	0.01998
Item	Printed labels/ posters/ calendars	0.12341
Item	Printed Aluminium Foil (Not Backed)	0.01148
Item	Journals/Periodicals	0.00341
Group	**(J). MANUFACTURE OF CHEMICALS AND CHEMICAL PRODUCTS**	**6.12567**
Sub Group	**a. Manufacture of basic chemicals**	**1.37874**
Item	Dodecyl Benzene / Linear Alkyl Benzene (LAB)	0.01693
Item	Fatty acid	0.01971
Item	Other Organic Chemicals	0.04480
Item	Monoethylene Glycol (MEG)	0.03575
Item	Ethyl acetate	0.02230
Item	Phthalic Anhydride (PAN)	0.02497
Item	Purified Terephthalic Acid (PTA)	0.24175
Item	Amines	0.02493
Item	ABS Resin/ Polyacetal Resin	0.03389
Item	Formaldehyde	0.04556
Item	Sulphuric Acid	0.01953
Item	Carbon Black	0.02007
Item	Activated Carbon	0.01488

Level	Commodity Name	Weight
Item	Carbon Electro Paste	0.01347
Item	Caustic Soda (Sodium Hydroxide)	0.07258
Item	Soda ash / washing soda	0.05911
Item	Other Inorganic Chemicals	0.08092
Item	Liquid Ammonia	0.02890
Item	Catalysts (All Kinds)	0.10394
Item	Polymers	0.01558
Item	Miscellaneous Inorganic Compounds	0.02689
Item	Ammonium sulphate	0.02226
Item	Plasticizers	0.01340
Item	Dyes: Pigments, Colours & other intermediaries	0.23852
Item	Aromatic chemicals	0.06446
Item	Additives	0.02665
Item	Acetic acid and Its Derivatives	0.00381
Item	Ethylene oxide & Other Petrochemical Intermediates	0.00365
Item	Camphor	0.00551
Item	Aniline incl. PNA, ONA, OCPNA	0.01220
Item	Nitric Acid/Phosphoric Acid	0.01275
Item	Liquid air & other gaseous products	0.00466
Item	Sodium Silicate	0.00441
Sub Group	**b. Manufacture of fertilizers and nitrogen compounds**	**1.44864**
Item	Ammonium phosphate	0.04402
Item	Urea	0.90595
Item	Ammonium nitrate	0.03397
Item	Other Nitrogenous/Superphosphate Fertilizer	0.03161
Item	Mixed fertilizer (NPK)	0.25295
Item	Di-Ammonium Phosphate and Other DAP	0.11040
Item	Mixed fertilizer (NP)	0.03755
Item	Mineral/Chemical fertilizers containing at least two nutrients (nitrogen, phosphate, potash)	0.02434
Item	Ammonia gas (NH3)	0.00785
Sub Group	**c. Manufacture of plastics and synthetic rubber in primary forms**	**0.82578**
Item	Butadiene	0.02568
Item	Polyethylene terephthalate (PET)/Poly Ethylene (PE)	0.18279
Item	High Density Polyethylene (HDPE)	0.15443
Item	Low Density Poly Ethylene (LDPE)	0.09788
Item	Plastic/polythene granules	0.04599
Item	Styrene Polymers (n.e.c.)	0.03613
Item	Polytetrafluoroethylene (PTFE/Teflon)	0.16274

Level	Commodity Name	Weight
Item	Polypropylene incl. co-polymer	0.10693
Item	Expandable Polystyrene (EPS)	0.00722
Item	Oleoresin	0.00056
Item	XLPE Compound	0.00083
Item	Thermocol/P.S Polystyrene	0.00460
Sub Group	**d. Manufacture of pesticides and other agrochemical products**	**0.49550**
Item	Mosquito repellent liquid	0.01146
Item	Insecticide & Pesticide	0.36842
Item	Agro chemical formulation others	0.11562
Sub Group	**e. Manufacture of paints, varnishes and similar coatings, printing ink and mastics**	**0.46019**
Item	Paint/Colour	0.42008
Item	Powder coating materials	0.01770
Item	Thinner	0.01348
Item	Varnish (all types)	0.00893
Sub Group	**f. Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations**	**0.68803**
Item	Menthol	0.01612
Item	Organic surface-active agents (except soap)	0.02843
Item	Soap compound	0.01613
Item	Detergent all type (cake, bar, Powder, liquid)	0.20690
Item	Toilet Soap Liquid	0.09805
Item	Cosmetics & Perfumery Products-others	0.09510
Item	Face Cream	0.01808
Item	Hair oil	0.07469
Item	Perfume/scent	0.01742
Item	Shampoo	0.03333
Item	Non-Medicated Toothpaste	0.02566
Item	Agarbati	0.02885
Item	Essential Oils & Flavours-others	0.02927
Sub Group	**g. Manufacture of other chemical products**	**0.40892**
Item	Industrial Gases & Specialty Chemicals	0.10413
Item	Printing ink	0.05580
Item	Antioxidants	0.01302
Item	Blasting powder/Fire works	0.07595
Item	Adhesive excl. gum	0.05791
Item	Miscellaneous Chemicals and Allied Products	0.07174
Item	Safety matches (match box)	0.01098
Item	Gelatine	0.01429
Item	Rubber Chemicals	0.00510

Level	Commodity Name	Weight
Sub Group	**h. Manufacture of man-made fibres**	**0.41987**
Item	Synthetic Polyester yarn	0.08049
Item	Nylon / Caprolactum	0.03600
Item	Staple fibre polyester (PSF)	0.10915
Item	Yarn Texturized and Twisted	0.18111
Item	Acrylic fibre	0.00427
Item	Viscose staple fibre	0.00885
Group	**(K). MANUFACTURE OF BASIC PHARMACEUTICAL PRODUCTS AND PHARMACEUTICAL PREPARATIONS**	**2.20102**
Sub Group	**a. Manufacture of pharmaceuticals, medicinal chemical and botanical products**	**2.20102**
Item	Coffee essences/ extracts	0.00534
Item	Antiseptics and disinfectants	0.00955
Item	Salicylic acid and its salts and esters	0.01426
Item	Amoxicillin/Ampicillin, with/out cloxacillin	0.01819
Item	Azithromycin	0.01195
Item	Cefotaxime / cepodoxime / ceftriaxone	0.00668
Item	Cefuroxime / cefixime/ cefoxitin	0.01530
Item	Cephalosporin Antibiotics and Their Preparations	0.01954
Item	Ciprofloxacin	0.00800
Item	Erythromycin	0.00476
Item	Heparin	0.00790
Item	Human insulin	0.00554
Item	Multi-vitamin, other vitamins in tablet or injectable form	0.09295
Item	Antibiotics & preparations thereof n.e.c.	0.16897
Item	Acetylsalicylic acid/ clopidogrel	0.00688
Item	Ambroxol, bromhexine hcl etc. mucolytics preparation	0.00413
Item	Calcium Channel blocker medicines	0.00882
Item	Antacids	0.00968
Item	Anti-cancer prep. (etoposide, epirubicin, ifosfamide, methotrexate and other chemotherapy agents etc.)	0.01151
Item	Antidiabetic medicines excl. insulin	0.05052
Item	Antihistamine, antitussive (codeine etc.) prep.	0.01251
Item	Anti-psychotic/sedative/hypnotic medicines	0.02668
Item	Hyperlipidaemic medicines (Atorvastatin, simvastatin etc.)	0.01917
Item	Antiallergics Drugs	0.00954
Item	Gabapentinoids	0.00929
Item	Lisinopril / ramipril/enalapril maleate	0.00604
Item	Losartan potassium / telmisartan	0.01779

Level	Commodity Name	Weight
Item	Nifedipine/Metoprolol	0.01084
Item	Allopathic Ointments	0.02195
Item	Omeprazole, esomeprazole, lansoprazole, pantoprazole, rabeprazole etc(ppi)	0.02368
Item	Nonsteroidal anti-inflammatory drugs (NSAIDs)	0.11970
Item	Prazosin/terazosin/indapamide anti-hypertensive	0.00779
Item	Anti convulsive medicines (Sodium valporate, phenytoin sodium, clonazepam etc)	0.00410
Item	Steroid / bronchodialator inhalers and other agents for nebulizer	0.02654
Item	Sulpha drug & preparations	0.00696
Item	Antiasthmatic medicines	0.02145
Item	Acyclovir, famiclovir (anti-varicella antivirals)	0.00404
Item	Anti-malarial drugs	0.01162
Item	Homeopathic / Ayurvedic Medicines (Paste / churan/ Bhasma/ powder/oil etc)	0.07887
Item	Topical Corticosteroids	0.00970
Item	Biochemic mixed medicines	0.01285
Item	Laxatives	0.01915
Item	Eye Drops	0.00608
Item	Antifungal Medicines (Miconazole/Clotrimazole/Fluconazole, etc)	0.01850
Item	Intravenous (IV) Fluids	0.00952
Item	Medicaments n.e.c.	0.40814
Item	HIV treatment antiretrovirals (nevirapine, zidovudine, stavudine, lamivudine, AZT, didanosin, indinavir etc.)	0.02179
Item	Blood transfusion apparatus incl. Saline	0.00285
Item	Vaccine for Measles, Mumps, Rubella and Polio	0.01399
Item	Veterinary Vaccine	0.01526
Item	Vaccine, others & other microbial culture n.e.c.	0.06643
Item	Other pharmaceutical products n.e.c.	0.64735
Item	Medical and Surgical Accessories (Gloves, Scissors, forceps, Cotton, band aid and First aid box etc.)	0.01647
Item	Contraceptives	0.00580
Item	Human gamma globulins / immunoglobulins	0.00510
Item	Pacemaker/ valve for cardiac corrections	0.00293
Item	Capsule Covers	0.00008
Group	**(L). MANUFACTURE OF RUBBER AND PLASTICS PRODUCTS**	**2.71467**
Sub Group	**a. Manufacture of rubber tyres and tubes; retreading and rebuilding of rubber tyres**	**0.66422**
Item	Inner Tubes for Tyres	0.01812
Item	Tractor Tyres	0.05465

Level	Commodity Name	Weight
Item	Tyres for Light Motor Vehicles (LMV) excl. Car Tyres	0.13147
Item	Scooter Tube	0.00673
Item	Scooter/Motor cycle Tyres	0.05099
Item	Car Tyres	0.13096
Item	Cycle/cycle rickshaw Tyre	0.00879
Item	Truck & Bus Tyres	0.12985
Item	Tyres/Tubes (Other All Kind)	0.07243
Item	Automobile rubber components	0.03642
Item	Rubber Inner Tubes, Solid/Cushion Tyres, Interchangeable Tyres and others	0.01020
Item	Tyre flaps, rubber	0.00852
Item	Rubber cloth/sheet	0.00509
Sub Group	**b. Manufacture of other rubber products**	**0.16061**
Item	Synthetic & Processed Rubber	0.01776
Item	Reclaimed rubber	0.01137
Item	Fuel hose & pipes auto	0.00751
Item	Articles of Processed/ vulcanised rubber other than apparel & clothing accessories	0.02184
Item	Rubber for Transmission Belts	0.00762
Item	V belt and Rubber Conveyor	0.02459
Item	Rubber for Sports Goods	0.00651
Item	Rubber Moulded Goods	0.00950
Item	Rubber Plugs/stoppers	0.00730
Item	Seals & Gaskets incl. Gasket Kits	0.00737
Item	Washer & bushes rubber	0.00867
Item	Conveyors (non-roller type/belt)	0.00688
Item	Elastic webbing	0.00199
Item	Condoms	0.00557
Item	Rubber Crumb	0.00587
Item	Rubber Tread	0.00581
Item	Rubber tubes- not for tyres	0.00445
Sub Group	**c. Manufacture of plastics products**	**1.88984**
Item	Hose pipe / pipe set	0.01691
Item	PVC pipe	0.13100
Item	Pipes, tubes & conduits of plastic/ PVC	0.16835
Item	Plastic Covers	0.02734
Item	LDPE Film	0.01817
Item	Plastic Film	0.05228
Item	Polyester Film (Metallised/Non-Metallised)	0.07020
Item	Polypropylene Film	0.03742

Level	Commodity Name	Weight
Item	Polythene film	0.05974
Item	PVC Film	0.04317
Item	PVC Lamination	0.01762
Item	Plastic/Acrylic sheets	0.04640
Item	Sheet laminated plastic	0.01663
Item	Polypropylene sheet	0.02137
Item	Plastic Tarpaulins	0.02364
Item	Films of polythene, polyester, PVC & other forms of plastic	0.11254
Item	HDPE Rolls	0.01629
Item	Polythene Rolls	0.01760
Item	Bags/ pouches of HDPE/ LDPE (plastic)	0.31900
Item	Plastic Box/Containers	0.13211
Item	Sheet packing plastic	0.01881
Item	Plastic components of packing/ closing/ bottling articles incl. stoppers	0.04203
Item	Plastic Sheets, Films, Tapes(medicinal) and Strips incl. Self-Adhesive and Non-Adhesive.	0.02986
Item	Plastic Tank	0.03638
Item	Plastic Bottles	0.08879
Item	PVC Plastic Suitcases	0.01909
Item	Tableware, kitchenware, containers, other household articles and toilet articles, of plastics	0.04668
Item	Plastic Components	0.08782
Item	Flexible Plastic pouches	0.06070
Item	Articles of plastic/pvc other than apparel & clothing, rubber accessories	0.09140
Item	Recycled plastics incl. Scrap/Waste	0.00405
Item	Sticker plastic	0.00465
Item	Adhesive tape (non-medicinal)	0.00976
Item	Plastic tape	0.00062
Item	Plastic button	0.00142
Group	**(M). MANUFACTURE OF OTHER NON-METALLIC MINERAL PRODUCTS**	**2.84074**
Sub Group	**a. Manufacture of glass and glass products**	**0.28219**
Item	Blank glass	0.02232
Item	Glass components	0.01075
Item	Glass Vials/Ampoules	0.00891
Item	Raw Glass and Glass Sheets	0.05199
Item	Processed Glass Sheets (Bent, Edge-Worked, Engraved, Drilled, Enamelled, Unframed)	0.01132

Level	Commodity Name	Weight
Item	Safety glass, toughened glass, laminated glass, wire mesh glass	0.04568
Item	Fiberglass	0.01247
Item	Glass bottles	0.09734
Item	Glassware	0.00768
Item	Glass Bangles	0.00776
Item	Fibre glass incl. sheet	0.00597
Sub Group	**b. Manufacture of refractory products**	**0.43532**
Item	Ceramic tiles	0.30376
Item	Refractory bricks, blocks, tiles	0.06144
Item	Refractory cements, mortars, concretes	0.06685
Item	Plain bricks	0.00327
Sub Group	**c. Manufacture of clay building materials**	**0.09192**
Item	Ceramic sinks, baths, water closet pans, flushing cisterns and similar sanitary fixtures	0.04476
Item	Bricks & tiles (non-ceramic)	0.04270
Item	Porcelain sanitary ware	0.00446
Sub Group	**d. Manufacture of other porcelain and ceramic products**	**0.01262**
Item	Foundry chemical	0.00755
Item	Porcelain crockery	0.00224
Item	Insulators	0.00283
Sub Group	**e. Manufacture of cement, lime and plaster**	**1.68125**
Item	Cement clinkers	0.20483
Item	Cement (Other Products)	0.05210
Item	Ordinary Portland Cement (OPC)	1.11428
Item	Portland Pozzolana Cement (PPC)	0.11451
Item	Dry slag/slag Cement	0.13217
Item	Cement block (concrete)	0.03936
Item	Lime and calcium carbonate	0.00484
Item	White cement	0.01367
Item	Cement superfine	0.00549
Sub Group	**f. Manufacture of articles of concrete, cement and plaster**	**0.26227**
Item	Non-Refractory Ceramic Pipes, Fittings, Mortars, and Concretes	0.07522
Item	Pre-fabricated Concrete blocks (incl. RMC)	0.08652
Item	Corrugated / Semi-Corrugated Roofing Sheets	0.07759
Item	Marble Slab	0.02294
Sub Group	g. Cutting, shaping and finishing of stone	0.07517
Item	Granite	0.03775
Item	Stone chip	0.03742
Group	**(N). MANUFACTURE OF BASIC METALS**	**8.41133**

Level	Commodity Name	Weight
Sub Group	**a. Manufacture of basic iron and steel**	**6.31601**
Item	Sponge Iron/Iron pellets/Hot Briquette Iron	0.49703
Item	Mild Steel (MS) Ingots	0.07898
Item	Pig iron	0.16276
Item	Ferro-manganese/Ferrosilico manganese	0.12230
Item	Granules of iron wire pellets	0.16565
Item	Mild Steel (MS) Billets	0.50189
Item	Semi-Finished Rectangular and Square Iron/Non-Alloy Steel Products – Seamless Tube Quality	0.05101
Item	Alloy steel billets	0.14906
Item	Ingots alloy steel	0.06832
Item	Hot Rolled Steel Coils/Sheets/Strips	1.24639
Item	Hot Rolled Plates (≤600 mm width)	0.33520
Item	Cold Rolled Steel Coils/Sheets/Strips	0.14119
Item	GP/GC sheet	0.15466
Item	Bars and Rods of Mild steel	0.92761
Item	Forged Spring Steel Bars and Rods	0.07898
Item	Mild Steel Bright Rectangular Bars	0.14247
Item	Bars (Rounds/Square/Hexagonal)	0.35653
Item	Steel forging	0.26235
Item	Hot-Rolled Structural Angles, Shapes, Sections, Beams, Channels, and Girders of Iron and Non-Alloy Steel	0.20992
Item	Cold finished/formed of flat rolled products	0.05084
Item	Rails for railways	0.06222
Item	Alloy/Non-Alloy Steel Wire and Wire Rods incl. MS	0.12974
Item	Bars and Rods of Alloy and stainless steel	0.12835
Item	Stainless Steel Wire – Electrode Quality	0.06330
Item	Ferrochrome	0.04547
Item	Ferrosilicon	0.01677
Item	Scrap Iron/Steel	0.02792
Item	Wire Rod (Electrode / Mild Steel / Alloy Steel)	0.00010
Item	Mild steel (MS) flats & sheets	0.00115
Item	Electrical resistors (except heating resistors)	0.00425
Item	Stainless Steel Coils, Strips & Sheets	0.03996
Item	Stainless Steel Pencil Ingots/Slabs	0.06422
Item	Other ferro alloys	0.02942
Sub Group	**b. Manufacture of basic precious and other non-ferrous metals**	**1.44139**
Item	Gold Ore and Gold-Based Products (incl. Plated Items)	0.17044
Item	Copper cathodes and sections of cathodes	0.06860
Item	Copper wire bars	0.18871

Level	Commodity Name	Weight
Item	Aluminium Semi-Finished Products (Ingots, Billets, and Wire Bars)	0.55823
Item	Alumina/Aluminium oxide	0.07190
Item	Refined Lead	0.04552
Item	Non-Alloyed Zinc	0.08051
Item	Aluminium bars, rods incl. shapes, sections and profiles	0.09509
Item	Non-Alloyed Electrolytic Aluminium Plates and Sheets	0.04002
Item	Aluminium foils	0.01926
Item	Lead & lead alloy	0.03007
Item	Zinc Callots and Semi-Finished Zinc Products (Zinc bars, rods, profiles and wire; zinc plates, sheets, strip and foil etc)	0.05419
Item	Graphite rod	0.00004
Item	Aluminium powder	0.00354
Item	Aluminium Alloys & Castings	0.00121
Item	Aluminium Disks and Circles	0.00395
Item	Brass metal/sheet/coils	0.01011
Sub Group	**c. Casting of iron and steel**	**0.65393**
Item	High Carbon Steel Ingots	0.02428
Item	Semi-Finished Rectangular Iron and Steel Products (Non-Alloy and Alloy, Forging Quality)	0.03488
Item	Blanks of tubes/ pipes- non alloy steel	0.01464
Item	Tubes, pipes of stainless steel	0.17960
Item	Seamless Circular Cross-Section Tubes and Pipes	0.03479
Item	High-Pressure Hydro-Electric Steel Conduits and ERW Precision Tubes	0.02102
Item	Casting of Iron/Steel	0.05639
Item	Pipes, tubes & casing of steel/iron	0.22397
Item	Tube/pipe fittings, of steel other than cast-steel (Mild Steel & Stainless Steel)	0.01595
Item	Brass tubes and pipes	0.03021
Item	Enamelled Cast Iron Pans	0.01820
Group	**(O). MANUFACTURE OF FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT**	**4.13294**
Sub Group	**a. Manufacture of structural metal products**	**0.99221**
Item	Poles & posts (concrete) concrete products	0.02858
Item	Steel structures	0.12358
Item	Hollow Aluminium Profiles	0.07471
Item	Towers for transmission lines of iron and steel	0.19760
Item	Steel frameworks or skeletons for construction of towers incl. pit props	0.38276

Level	Commodity Name	Weight
Item	Doors, windows and their frames and thresholds for doors of iron/steel/aluminium	0.10880
Item	Steel shutter gate	0.04036
Item	Tubular steel poles for electric transmission, distribution	0.02250
Item	Jigs & Fixture	0.01332
Sub Group	**b. Manufacture of tanks, reservoirs and containers of metal**	**0.37101**
Item	Pressure vessels and tanks other than boilers	0.21297
Item	High-Pressure Iron and Steel Cylinders	0.02999
Item	LPG Cylinders (Iron and Steel)	0.10531
Item	Metal Drums and Barrels	0.02274
Sub Group	**c. Manufacture of steam generators, except central heating hot water boilers**	**0.25614**
Item	Boilers	0.09391
Item	Boiler Systems & Auxiliary Equipment	0.16223
Sub Group	**d. Manufacture of weapons and ammunition**	**0.06652**
Item	Explosives & Defence Ammunition	0.06652
Sub Group	**e. Forging, pressing, stamping and roll-forming of metal; powder metallurgy**	**0.06408**
Item	Forged blank of non-alloy steel	0.02654
Item	Angles, shapes, sections forged	0.02089
Item	Forged Steel Rings	0.01483
Item	Rotor/magneto rotor assembly	0.00182
Sub Group	**f. Treatment and coating of metals; machining**	**0.32082**
Item	Steel coated with zinc/aluminium	0.26620
Item	Coated electrode of base metal for electric arc welding	0.05462
Sub Group	**g. Manufacture of cutlery, hand tools and general hardware**	**0.69979**
Item	Razors and Blades incl. Stainless Steel	0.04452
Item	Utensils of iron /stainless steel	0.02499
Item	Hand operated spanners and wrenches	0.02069
Item	Hand tools/ Tools for pressing, stamping, punching	0.13856
Item	Stoppers, caps and lids (incl. crown corks), capsules for bottles	0.02431
Item	Wire cloth/ mesh	0.02359
Item	Locks used in motor vehicles	0.05179
Item	Hinges	0.09477
Item	Aluminium utensils (incl. non-stick)	0.06676
Item	Pressure Cooker (All Kind)	0.03392
Item	Iron/Stainless steel utensils	0.17589
Sub Group	**h. Manufacture of other fabricated metal products**	**1.36237**
Item	Fabricated metal products	0.19691

Level	Commodity Name	Weight
Item	Heavy machinery for fabrication	0.01651
Item	Fasteners	0.00879
Item	Copper bars, rods & wire rods	0.05651
Item	Plates, rods, profiles, tubes and similar articles of iron and steel used in structure	0.12828
Item	Iron sanitary fittings/parts	0.08511
Item	Cans	0.03435
Item	Iron/Steel Container	0.05728
Item	Steel/Aluminium vessels/ containers incl. barrels, drums	0.02367
Item	Metal Seals and Other Fabricated Seal Components	0.05400
Item	Bolts, screws, nuts iron /steel/Copper	0.44799
Item	Iron/Steel nails	0.02108
Item	Spring & leaves for spring (iron/steel)	0.02436
Item	Boxes, base metal	0.04101
Item	Security Safes and Lockers (Armoured Metal)	0.10883
Item	Other Metalware	0.05769
Group	**(P). MANUFACTURE OF COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS**	**2.07628**
Sub Group	**a. Manufacture of solar cells, solar panels and photovoltaic inverters**	**0.05474**
Item	Solar collector and parts thereof of aluminium	0.00721
Item	Solar cell	0.04753
Sub Group	**b. Manufacture of other electronic components and boards**	**0.20310**
Item	Capacitors/ capacitance, resistors	0.03082
Item	Electronic p c b /micro circuit	0.05163
Item	Printed Circuit Boards (whether or not mounted with IC chips /components)	0.03713
Item	Other Electronic valve / tube / components.	0.01431
Item	Electronic integrated circuits	0.04319
Item	Television all type	0.02602
Sub Group	**c. Manufacture of computers and peripheral equipment**	**0.09356**
Item	Printer, all kinds	0.00462
Item	Office & Business Machines incl. POS, ATMs and components	0.02636
Item	Computer (P.C.)/Laptop incl. tablets	0.04117
Item	Computer Peripherals incl. Keyboard/Mouse/Memory (Ram/Rom)/Pan Drive	0.01016
Item	Smart cards	0.01125
Sub Group	**d. Manufacture of communication equipment**	**1.37699**
Item	Mobile Phones incl. Telephone sets	0.62048

Level	Commodity Name	Weight
Item	Telecommunication and Network Instruments incl. Routers, Switches, Gateways and Communication Hubs for LAN/WAN.	0.73872
Item	Base Stations and Core Network Equipment	0.01779
Sub Group	**e. Manufacture of consumer electronics**	**0.17258**
Item	Audio Equipment (radios, microphones, loudspeakers, headphones, amplifiers).	0.03828
Item	T.V. set (colour)	0.13430
Sub Group	**f. Manufacture of measuring, testing, navigating and control equipment**	**0.10766**
Item	Meters (Electrical & Non-Electrical)	0.03033
Item	Hydrometers and similar floating instruments, thermometers, pyrometers, barometers, hygrometers and psychrometers	0.00787
Item	Variable area flow meter and other instruments/apparatus	0.01321
Item	Scientific instruments/ apparatus for regulating, controlling, drawing, calculating and measurement	0.05625
Sub Group	**g. Manufacture of watches and clocks**	**0.03828**
Item	Watch/Clock - All Kinds	0.03828
Sub Group	**h. Manufacture of irradiation, electromedical and electrotherapeutic equipment**	**0.02213**
Item	X-ray Machines and Components incl. X-ray Tubes	0.02088
Item	Apparatus based on the use of x-rays or of alpha, beta or gamma radiations	0.00125
Sub Group	**i. Manufacture of optical instruments and photographic equipment**	**0.00302**
Item	Microscope	0.00065
Item	Optical Instruments, Lenses and Components.	0.00237
Sub Group	**j. Manufacture of magnetic and optical media**	**0.00422**
Item	Card with magnetic strip (Debit card, credit card, etc.	0.00422
Group	**(Q). MANUFACTURE OF ELECTRICAL EQUIPMENT**	**2.64318**
Sub Group	**a. Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus**	**0.83299**
Item	Electric Motors and Generators (AC/DC Motors and Alternators)	0.10915
Item	Electric generating sets and rotary converters	0.05190
Item	Transformers/ Transformers (PDT and special type)	0.22867
Item	Generator parts	0.05560
Item	Electrical apparatus for switching or protecting electrical circuits (e.g. switchgear, circuit breakers/switches, control/ meter panel)	0.13622
Item	Boards, consoles, cabinets and other bases with electrical switching	0.14111

Level	Commodity Name	Weight
Item	Parts of electricity distribution or control apparatus	0.09565
Item	Ignition device	0.01469
Sub Group	**b. Manufacture of batteries and accumulators**	**0.37348**
Item	Batteries/Battery pack excl. dry cell	0.30681
Item	Electric accumulators, rechargeable incl. lithium-ion cells	0.05835
Item	Dry cells such as torch light batteries	0.00832
Sub Group	**c. Manufacture of fibre optic cables**	**0.08883**
Item	Connectors for optical fibres: bundles/cables	0.01877
Item	Optical fibre cables	0.07006
Sub Group	**d. Manufacture of other electronic and electric wires and cables**	**0.67039**
Item	Electric Wires & Cables	0.56725
Item	Aluminium Conductor	0.03836
Item	ACSR Conductors	0.02594
Item	Coaxial cable and other coaxial electric conductors	0.01815
Item	Electrical relay/conductor	0.01129
Item	Connector/plug/socket/holder-electric	0.00940
Sub Group	**e. Manufacture of wiring devices**	**0.06719**
Item	Wiring Harnesses	0.06430
Item	Electrical Insulating Materials	0.00289
Sub Group	**f. Manufacture of electric lighting equipment**	**0.17361**
Item	Light fitting accessories	0.04777
Item	Lighting components (headlamps, taillights, indicators)	0.05099
Item	Light fixtures	0.01313
Item	LED bulb/tube	0.05801
Item	Fluorescent tubes	0.00079
Item	Electric filament type lamps	0.00292
Sub Group	**g. Manufacture of domestic appliances**	**0.27525**
Item	Washing Machines	0.06675
Item	Refrigerators and freezers, household type	0.08652
Item	Fans/Ventilating Fans	0.07880
Item	Mixer/grinder	0.01999
Item	Geysers	0.01118
Item	Household Cooking & Heating Appliances Range (Stove/Microwave/Air Fryers/Cooker– Electric & Non-Electric	0.00590
Item	Desert cooler	0.00266
Item	Pedestal Fan	0.00345
Sub Group	**h. Manufacture of other electrical equipment**	**0.16144**
Item	UPS	0.04866

Level	Commodity Name	Weight
Item	Battery terminals	0.01178
Item	Other Electromagnetic Equipment	0.05777
Item	Articles of graphite or carbon used for electrical purpose incl Carbon electrodes, carbon brushes	0.02362
Item	Electric welding machine	0.00540
Item	Motors & other DC equipment	0.01421
Group	**(R). MANUFACTURE OF MACHINERY AND EQUIPMENT N.E.C.**	**3.46796**
Sub Group	**a. Manufacture of engines and turbines, except aircraft, vehicle and cycle engines**	**0.31724**
Item	Stationary and internal combustion piston engines not for motor vehicles	0.06590
Item	Heavy vehicles engine-other (exceed. 1000 cc)	0.02701
Item	Turbines, Turbo Generators and Turbo Propellers (incl. condensers and auxiliaries)	0.10518
Item	Engine Components – Pistons, Valves (Inlet & Exhaust) and Fuel Nozzles	0.05348
Item	Piston engines/Piston Rings	0.06567
Sub Group	**b. Manufacture of fluid power equipment**	**0.02945**
Item	Hydraulic equipment/pneumatic equipment	0.02582
Item	Pneumatic tools	0.00363
Sub Group	**c. Manufacture of other pumps, compressors, taps and valves**	**0.46621**
Item	Fluid Power Motors	0.02132
Item	Axial flow and mixed flow vertical pump for water	0.02983
Item	Pumps of all types with or without motor	0.17196
Item	Centrifugal air compressors	0.01793
Item	Air & Gas Compressors (incl. Centrifugal, Reciprocating, Refrigerator Types) & Parts	0.06105
Item	Valves (incl. Industrial Valve)	0.13041
Item	Taps, cocks, valves and similar appliances for pipes, boiler shells, tanks, tanks and etc.	0.03371
Sub Group	**d. Manufacture of bearings, gears, gearing and driving elements**	**0.35921**
Item	Motor Gear	0.01384
Item	Bearings (All Types incl. Roller, Plain, Gear, Shaft, Steel, and Wheel Bearings etc.)	0.20491
Item	Gears, gearing and chain sprockets incl. gear boxes, other than motor vehicles	0.09260
Item	Machinery Parts: Mechanical others	0.03793
Item	Safety fuse	0.00124
Item	Clutches and shaft couplings in mechanical driving elements.	0.00869
Sub Group	**e. Manufacture of ovens, furnaces and permanent household heating equipment**	**0.02284**

Level	Commodity Name	Weight
Item	Furnaces, ovens for roasting, melting & the like of ores/pyrites/metals	0.02284
Sub Group	**f. Manufacture of lifting and handling equipment**	**0.16905**
Item	Cranes- all types and its parts	0.04423
Item	Fork-lift trucks; other works trucks; tractors for use on rail platform	0.00929
Item	Lifts	0.06898
Item	Material handling, lifting and hoisting equipment	0.03435
Item	Lifting Machinery Parts	0.00959
Item	Tamping machines and road rollers, self-propelled (Single/Double)	0.00261
Sub Group	**g. Manufacture of power-driven hand tools**	**0.01205**
Item	CNC grinding centres / grinding machines	0.01205
Sub Group	**h. Manufacture of other general-purpose machinery**	**0.44210**
Item	Motor, fan	0.01531
Item	Air conditioner-motor vehicles	0.01337
Item	Air Conditioners (ACs) – Household Type	0.15114
Item	Industrial/Commercial Air Conditioning and Cooling Equipment/System	0.07330
Item	Deep Freezer/Refrigerators (commercial) and its equipment	0.02244
Item	Air filters	0.01424
Item	Filtering or purifying machinery and apparatus	0.04376
Item	Oil/petrol/air intake filters for internal combustion engines	0.01115
Item	Weighing machinery	0.02038
Item	Firefighting equipment	0.01455
Item	Industrial fan	0.01237
Item	Parts of Gas Generators, Refrigeration and Heat Exchange Machinery	0.02823
Item	Parts of centrifuges/filtering and purifying machinery for liquid/gases	0.01188
Item	Cooling tower	0.00021
Item	Water purifier	0.00977
Sub Group	**i. Manufacture of agricultural and forestry machinery**	**0.59161**
Item	Other agricultural machinery incl. dryers and sorters	0.05799
Item	Combine harvester/threshers	0.02656
Item	Agricultural tractors	0.47477
Item	Mechanical Agricultural Sprayers	0.00954
Item	Parts of agricultural machinery	0.02275
Sub Group	**j. Manufacture of metal-forming machinery and machine tools**	**0.15007**
Item	Chemical Equipment & Electrochemical Machines	0.00307

Level	Commodity Name	Weight
Item	Horizontal machining centres	0.00264
Item	Vertical machining centres	0.01257
Item	Horizontal lathes numerically controlled	0.01580
Item	Machine tools for turning, drilling, milling, shaping, planning, boring, grinding etc. (other than lathes)	0.04109
Item	Sawing machines	0.00642
Item	Stone crusher machine	0.02724
Item	Machinery for Milling, Planning or Moulding	0.02591
Item	Metal rolling mills machine	0.00737
Item	Drilling rigs	0.00658
Item	Lathes excl. Horizontal lathes numerically controlled	0.00138
Sub Group	**k. Manufacture of machinery for metallurgy**	**0.04831**
Item	Machinery for manufacture of products from metal	0.01959
Item	Forging, die stamping machines incl. Presses and hammers	0.02238
Item	Ingot moulds	0.00634
Sub Group	**l. Manufacture of machinery for mining, quarrying and construction**	**0.33339**
Item	Drilling or Boring Tools	0.01117
Item	Concrete pump (All Kinds)	0.00966
Item	Milling boring, drilling, threading and tapping machines	0.01109
Item	Loaders incl Skid Seter	0.01091
Item	Wheeled Excavators	0.05141
Item	Earth moving machinery	0.13237
Item	Construction machine/ equipment incl. bull-dozers	0.05326
Item	Dumper (Off Highway Dump Trucks)	0.02083
Item	Construction machine / equipment incl. Batching Plants	0.02785
Item	Concrete Mixer lorries incl. Self-loading Concrete Mixers	0.00236
Item	Mining, quarrying & metallurgical machinery/parts	0.00248
Sub Group	**m. Manufacture of machinery for food, beverage and tobacco processing**	**0.14558**
Item	Dairy machinery	0.00591
Item	Rice mill machinery	0.01125
Item	Sugar machinery	0.09155
Item	Food and Beverage Processing Machinery incl. presses, crushers, and industrial preparation equipment)	0.03687
Sub Group	**n. Manufacture of machinery for textile, apparel and leather production**	**0.19260**
Item	Machines for extruding, etc	0.04021
Item	Textile Auxiliary and Spinning Machinery incl. calendaring and other non-metal rolling machines.	0.10196
Item	Textile machinery	0.03380

Level	Commodity Name	Weight
Item	Parts of Machinery for preparing, spinning, weaving and knitting textiles	0.01362
Item	Sewing Machines	0.00301
Sub Group	**o. Manufacture of other special-purpose machinery**	**0.18825**
Item	Vibrators (Concrete) - All Kind and mixture	0.02193
Item	Paper Machinery	0.01269
Item	Bookbinding, type-setting, printing machinery & similar items for print	0.00511
Item	Machinery for manufacture of products from rubber or plastics	0.03200
Item	Foundry Mould (Moulding Tools, Casting Moulds, Metal Moulds, Foundry Patterns)	0.02673
Item	Special-purpose machinery - machinery for isotopic separation, machines for assembling electric lamps in glass envelopes, machines for manufacturing glassware and rope making machines)	0.06806
Item	Pharmaceutical machines	0.01191
Item	Packing machine	0.00982
Group	**(S). MANUFACTURE OF MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS**	**5.43645**
Sub Group	**a. Manufacture of motor vehicles**	**2.92869**
Item	Motor car engine	0.36094
Item	Passenger Commercial and Public Transport Vehicles excl. Bus/Minibus/Motor Car/Electric Vehicles (EV)	0.31042
Item	Motor Car (Diesel/Petrol) - Personal/Private uses	1.88769
Item	Electric Vehicles (EV) incl All Model	0.03176
Item	Trucks / lorries	0.29887
Item	Bus/Minibus (Diesel/Petrol)	0.03901
Sub Group	**b. Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers**	**0.21130**
Item	Chassis of different vehicle types	0.13559
Item	Bodies of different vehicle types	0.05184
Item	Cargo and Utility Semi-Trailers (Non-Agricultural Use)	0.02387
Sub Group	**c. Manufacture of parts and accessories for motor vehicles**	**2.29646**
Item	Mirrors incl. mirror assemblies	0.00537
Item	Seat for motor vehicle	0.11462
Item	Leaf spring for motor vehicles	0.02391
Item	Fuel injection equipment, excl injection pump for non-spark piston engine [Kg]	0.01227
Item	Injection pumps incl. Diesel engines	0.00220
Item	Engine assembly parts	0.02188
Item	Transmission components (other than gears/gears boxes) in motor vehicles	0.08128

Level	Commodity Name	Weight
Item	Cranks shafts for engines	0.03041
Item	Electronic Control Units (ECUs), Sensors, and Electrical Components for Motor Vehicles	0.01365
Item	Air brake sets (Suspension & Braking)	0.03813
Item	Axle	0.08193
Item	Braking system parts (e.g., brake discs, callipers, pads)	0.03347
Item	Clutch	0.03466
Item	Gear & Gear boxes, motor vehicles	0.09543
Item	Radiator & coolers	0.02990
Item	Shock absorbers	0.04748
Item	Silencer	0.04402
Item	Steering gear control system	0.06811
Item	Wheels	0.08579
Item	Auto components/ spares and accessories	1.32929
Item	Parts and accessories for the Bodies for motor vehicles	0.08331
Item	Safety seat belts	0.01707
Item	Chain	0.00228
Group	**(T). MANUFACTURE OF OTHER TRANSPORT EQUIPMENT**	**1.39511**
Sub Group	a. Building of ships and floating structures	0.01534
Item	Marine Vessels, Shipbuilding, and Floating Structures	0.01406
Item	Barges -excl. hopper	0.00040
Item	Pontoons, non-propelling	0.00031
Item	Fishing vessels, trawlers	0.00057
Sub Group	**b. Manufacture of railway locomotives and rolling stock**	**0.22906**
Item	Motor, traction	0.00965
Item	Diesel/Electric locomotive	0.03457
Item	Railway or tramway maintenance or service vehicles	0.03121
Item	Passenger Coaches (All kinds)	0.04746
Item	Wagons covered/open, broad gauge	0.04064
Item	Railway axles and axle boxes	0.00150
Item	Brake gear, railway	0.01643
Item	Railway & Metro Rolling Stock Assemblies and Parts(others)	0.03477
Item	Railway Signalling, Electric/Mechanical	0.01283
Sub Group	**c. Manufacture of air and spacecraft and related machinery**	**0.05971**
Item	Parts of aircraft and spacecraft	0.05971
Sub Group	**d. Manufacture of motorcycles**	**0.93746**
Item	Motor cycle engine not exceed. 250 cc	0.07496
Item	Two-wheelers (motorcycles/ scooters)	0.71613

Level	Commodity Name	Weight
Item	Parts for motor cycle/moped/ cycle excl. of Motor cycle engine not exceed. 250 cc	0.14637
Sub Group	**e. Manufacture of bicycles and invalid carriages**	**0.02857**
Item	Bicycles of all types	0.02857
Sub Group	**f. Manufacture of other transport equipment**	**0.12497**
Item	Parts and accessories of motorcycles and side-cars	0.12497
Group	**(U). MANUFACTURE OF FURNITURE**	**0.82618**
Sub Group	**a. Manufacture of wooden furniture**	**0.52704**
Item	Other Wooden Furniture used in offices/Schools	0.04511
Item	Wooden Furniture/fixtures	0.48193
Sub Group	**b. Manufacture of other furniture**	**0.29914**
Item	Metal/steel office furniture	0.07988
Item	Mattresses (excl. Rubber & Foam) & Mattress Supports	0.12613
Item	Rubber/Foam Mattresses	0.05676
Item	Plastic furniture	0.03637
Group	**(V). OTHER MANUFACTURING**	**2.03798**
Sub Group	**a. Manufacture of jewellery and related articles**	**1.63609**
Item	Cut and polished diamond	0.50376
Item	Gold Biscuits/Coins/Ornaments	0.52728
Item	Precious Metal Jewellery (Gold & Platinum with Precious Stones)	0.53904
Item	Silver Biscuits/Coins/Ornaments	0.06601
Sub Group	**b. Manufacture of imitation jewellery and related articles**	**0.01133**
Item	Imitation Jewellery	0.01133
Sub Group	**c. Manufacture of musical instruments**	**0.00344**
Item	Musical string/non-string instruments incl. parts	0.00344
Sub Group	d. Manufacture of sports goods	0.02920
Item	Gymnasium or athletics articles and equipment	0.00286
Item	Cricket accessories	0.00527
Item	Hockey accessories	0.00193
Item	Basketball	0.00091
Item	Football	0.00615
Item	Rugby ball	0.00203
Item	Sports goods (parts & accessories)-others	0.01005
Sub Group	**e. Manufacture of games and toys**	**0.02316**
Item	Ride-On Toys & Baby Cycles	0.00098
Item	Novelty Toys, Creatures & Dolls	0.00372
Item	Moulded Plastic & Manual Toys	0.01314
Item	Board Games/Puzzles	0.00532

Level	Commodity Name	Weight
Sub Group	**f. Manufacture of medical and dental instruments and supplies**	**0.16553**
Item	Artificial Joints and other body parts	0.01220
Item	Dental Restorative Materials incl. Artificial Teeth, Dental Cement, Dental Fillings.	0.00062
Item	Stents	0.00394
Item	Plastic Disposable syringe	0.01324
Item	Electrodiagnostic apparatus for medical, surgical, dental, veterinary use	0.00571
Item	Medical, surgical or laboratory sterilizers	0.00783
Item	Instruments and appliances used in medical, surgical or veterinary sciences (except syringes)	0.09825
Item	Lens, ophthalmic - Intraocular/Contact	0.02374
Sub Group	**g. Other manufacturing**	**0.16923**
Item	Helmet	0.00867
Item	Ball/Dot Pen	0.02600
Item	Marker Pen	0.00220
Item	Lead Pencil	0.01347
Item	Staplers	0.00282
Item	Writing Instruments-others (Pens, pencils, holders & stylos)	0.00972
Item	Umbrellas & Sunshades	0.00207
Item	Zipper	0.01069
Item	Artificial Decorative Items Incl. Sculptures	0.07831
Item	Hair human & articles thereof	0.00501
Item	Tooth brush	0.00761
Item	Brooms, brushes, hand-operated mechanical floor sweepers (not motorized), mops and feather dusters	0.00266
	FOOD INDEX	**24.99851**

Annexure II: List of items of WPI 2011-12 series dropped in WPI 2022-23 series

S.No.	Item
1	Hydraulic pump
2	Reprographic machine and scanners
3	MS Slabs
4	Modems
5	Press board
6	Hard board
7	Pulp board
8	Hologram (3D)
9	Organic Solvent
10	Fungicide, liquid
11	Face/Body Powder
12	Solid Rubber Tyres/Wheels
13	Rubberized dipped fabric
14	Railway sleeper
15	Galvanized iron pipes
16	Aluminium metal
17	Metal cutting tools & accessories
18	Iron/steel hinges
19	Sunglasses
20	Amplifier
21	Multimeter
22	Solenoid valve
23	Lead acid batteries for vehicles & other uses
24	Jelly Filled Cables
25	Incandescent Lamps
26	Electrical ballast & chokes
27	Oil pump
28	Harvesters
29	Mixing machine
30	Separator
31	Roller mill (Raymond)
32	Release valve
33	Propellers & Blades of Boats/Ships
34	Tanker
35	Hospital furniture
36	Table Tennis Table
37	EMU Coaches

Annexure-III: List of WPI 2011-12 series items retained in WPI 2022-23 series basket as merged/splitted items

S.No.	WPI 2022-23	WPI 2011-12	S.No.
1	Wheat Flour - Atta/Maida	Maida	1
		Wheat Flour (Atta)	2
2	Cotton Woven/ Knitted Fabrics	Knitted fabrics of cotton	3
		Cotton Woven Cloth	4
3	Terry/Cotton Towel	Terry Towel	5
		Cotton Towel	6
4	Bed linen/ bedspread and Curtains (including drapes) and interior blinds	Bed linen/Bed Spread	7
		Curtains	8
5	Blankets/Quilts incl. eiderdowns, pouffes, pillows, sleeping bags.	Blankets	9
		Quilts	10
6	Men/Boys Readymade Garments-Not Knitted (All Type)	Trouser/pants made of cotton and/or man-made fibre	11
		Shirts/half shirts of cotton and/or man-made fibre	12
		Men/Boys suits, coats and jackets	13
7	Leather Garments incl. Shirts/pants/Jacket/Gloves etc.	Gloves of leather	14
		Leather garments incl. Jackets	15
8	Hosiery Products (incl. socks, tights, and similar items)	Cotton hosiery cloth	16
		Hosiery goods, others– cotton	17
9	Chrome Tanned Leather - All kinds	Chrome Tanned Leather	18
		Vegetable tanned leather	19
10	Travel goods (bags, wallets, belts)	Belt & Other Articles of Leather	20
		Travel goods, handbags, office bags, etc.	21
11	Wooden Box/Crate/Block	Wooden block - compressed or not	22
		Wooden box/crate	23
		Wooden board (non-electrical)	24
12	Paper of all kinds excluding newsprint	Map litho paper	25
		Base paper	26
		Poster paper	27
		Kraft paper	28
		Paper carton/box	29
13	Paper board/ duplex board	Duplex paper	30
		Card board	31
14	Paper products (incl. cardboard/ corrugated boxes, rolls, boards, tubes and sleeves, etc.)	Corrugated paper board	32
		Paper bag including craft paper bag	33
		Card board box	34
		Corrugated sheet box	35
15	Ethylene oxide & Other Petrochemical Intermediates	Ethylene Oxide	36
		Other Petrochemical Intermediates	37
16	Nitric Acid/Phosphoric Acid	Nitric Acid	38

S.No.	WPI 2022-23	WPI 2011-12	S.No.
		Phosphoric acid	39
17	Other Nitrogenous/Superphosphate Fertilizer	Nitrogenous fertilizer, others	40
		Superphosphate/Phosphatic fertilizer, others	41
18	Polyethylene terephthalate (PET)/Polyethylene (PE)	Polyethylene	42
		Polyester chips or Polyethylene terephthalate (PET) chips	43
19	Paint/Colour	Paint	44
		Epoxy, liquid	45
20	Nonsteroidal anti-inflammatory drug (NSAID)	Anti-inflammatory preparation	46
		Antipyretic, analgesic, anti-inflammatory formulations	47
21	Vaccine for Measles, Mumps, Rubella and Polio	Vaccine for hepatitis B	48
		Vaccine for polio	49
22	Medical and Surgical Accessories (Gloves, Ceasure, forceps, Cotton, band aid and First aid box etc.)	Cotton wool (medicinal)	50
		Medical accessories	52
23	Inner Tubes for Tyres	Motor Car Tube	52
		Medium & heavy commercial vehicle tube	53
24	Conveyors (non-roller type/belt)	Conveyors - non-roller type	54
		Conveyer belt (fibre based)	55
25	Polyester Film (metalized/non metallised)	Polyester film (non-metalized)	56
		Polyester film(metalized)	57
26	Ferro-manganese/Ferro silico manganese	Silicomanganese	58
		Ferromanganese	59
27	Aluminium Semi-Finished Products (Ingots, Billets, and Wire Bars)	Aluminium ingot	60
		Aluminium shapes - bars/rods/flats	61
28	Aluminium Alloys & Castings	Aluminium alloys	62
		Aluminium castings	63
29	Tubes, pipes of stainless steel	Stainless steel tubes	64
		Steel pipes, tubes & poles	65
30	Casting of Iron/Steel	Cast iron, castings	66
		Alloy steel castings	67
		MS castings	68
31	Jigs & Fixture	Jigs & Fixture	69
		Bracket	70
32	Pressure vessels and tanks other than boilers	Pressure vessel and tank for fermentation & other food processing	71
		Stainless steel tank	72
33	Iron sanitary fittings/parts	Sanitary fittings of Iron & Steel	73
		Iron/steel cap	74
34	Bolts, screws, nuts iron /steel/Copper	Copper bolts, screws, nuts	75
			76

S.No.	WPI 2022-23	WPI 2011-12	S.No.
35	Iron/Steel nails	Bolts, screws, nuts & nails of Iron & steel	
36	Computer (P.C)/Laptop incl. tablets	Laptops	77
		Personal Computer (P.C.)	78
37	Meters (Electrical & Non-Electrical)	Electric & other meters	79
		Meter (non-electrical)	80
38	Watch/Clock - All Kinds	Watch	81
		Scientific time keeping device	82
		Clock	83
3	Electric Motors and Generators (AC/DC Motors and Alternators)	A C Motor	84
		Generators & Alternators	85
40	Electrical apparatus for switching or protecting electrical circuits (e.g. switchgear, circuit breakers/switches, control/ meter panel)	Electric switch gear control/starter	86
		Electric switch	87
		Meter Panel	88
41	Electric Wires & Cables	Aluminium wire	89
		Copper wire	90
		Electric Wires & Cables	91
		Rubber Insulated Cables	92
		PVC Insulated Cable	93
		Insulating & flexible wire	94
42	Household Cooking & Heating Appliances Range (Stove/Microwave/Air Fryers/Cooker – Electric & Non-Electric	Microwave oven	95
		Domestic gas stove	96
		Electric heaters	97
43	Turbines, Turbo Generators and Turbo Propellers (including condensers and auxiliaries)	Steam Turbines	98
		Windmill turbines (2500KW)	99
44	Pumps of all types with or without motor	Centrifugal Pumps	100
		Water pump	101
		Pump sets without motor	102
		Air or vacuum pump	103
45	Industrial/Commercial Air Conditioning and Cooling Equipment/System	Air conditioning plant	104
		Chillers	105
46	Parts of centrifuges/filtering and purifying machinery for liquid/gases	Evaporator	106
		Filtration equipment	107
47	Other agricultural machinery including dryers and sorters	Soil preparation & cultivation machinery (other than tractors)	108
		Agriculture implements	109
48		Moulding Machine	110

S.No.	WPI 2022-23	WPI 2011-12	S.No.
	Machinery for Milling, Planning or Moulding	Machinery used in the milling industry	111
49	Two-wheelers (motorcycles/ scooters)	Motor cycles	112
		Scooters	113
50	Plastic furniture	Plastic furniture	114
		Plastic fixtures	115
51	Cricket accessories	Cricket Bat	116
		Cricket ball	117
52	Toys- Plastic/Moulded/Others - Wooden/Stuffed	Non-Mechanical Toys	118
		Plastic moulded-others toys	119
53	Board Games/Puzzles	Playing Cards	120
		Carrom board	121
54	Lens, ophthalmic - Intraocular/Contact	Intraocular Lens	122
		Ophthalmic lens	123
55	Timber/ wooden planks	Timber/wooden plank, sawn/resawn	124
56	Sawn Wood		
57	Copper bars, rods & wire rods	Copper shapes - bars/rods/plates/strips	125
58	Copper wire bars		

Annexure IV: List of new items in WPI 2022-23 series

S.No.	Item	Major Group
1	Moth	Primary Articles
2	Khesari	Primary Articles
3	Mushroom	Primary Articles
4	Capsicum	Primary Articles
5	Watermelon	Primary Articles
6	Muskmelon	Primary Articles
7	Peach/plum	Primary Articles
8	Strawberry	Primary Articles
9	Fennel	Primary Articles
10	Methi	Primary Articles
11	Firewood	Primary Articles
12	Dung	Primary Articles
13	Isabgole	Primary Articles
14	Sand/Beach Sand/Morum	Primary Articles
15	Mineral Turpentine Oil (MTO)	Fuel and Power
16	Sulphur	Fuel and Power
17	Solar Electricity	Fuel and Power
18	Wind Electricity	Fuel and Power
19	Nuclear Electricity	Fuel and Power
20	Fish fillet- frozen	Manufactured Products
21	Fishmeal and Marine Byproducts	Manufactured Products
22	Vegetables/fruits/Pulses - Processed incl. Frozen	Manufactured Products
23	Pickle - Vegetable/Pulses	Manufactured Products
24	Prepared meals based on vegetables/pulses	Manufactured Products
25	Dried vegetables	Manufactured Products
26	Fruits and Nuts - Frozen/Preserved/Processed	Manufactured Products
27	Pickle-Mango	Manufactured Products
28	Sauces all type excl. Tomato Sauce/Ketchup	Manufactured Products
29	Curd (Dahi)	Manufactured Products
30	Rice(broken)	Manufactured Products
31	Milled Arhar Dal	Manufactured Products
32	Milled Moong Dal	Manufactured Products
33	Milled Gram	Manufactured Products
34	Maize Starch	Manufactured Products
35	Namkeen/bhujia	Manufactured Products
36	Khandsari sugar	Manufactured Products
37	Specialty Refined Sugars Products and Syrups	Manufactured Products
38	Milk Confection	Manufactured Products

S.No.	Item	Major Group
39	Processed Shelled Cashew Nuts	Manufactured Products
40	Green Tea	Manufactured Products
41	Processed Dry Chillies (Whole/Powder)	Manufactured Products
42	Homogenized Composite Food Preparations Incl. Protein Powder and Health Drinks	Manufactured Products
43	Other food products n.e.c.	Manufactured Products
44	Husk/Grain-based animal, Poultry/aquatic feed	Manufactured Products
45	Processed Maize (Corn) Groats, Meal and Pellets	Manufactured Products
46	Ethyl Alcohol and Spirits (Denatured and Undenatured, All Strengths)	Manufactured Products
47	Whisky	Manufactured Products
48	Chewing Tobacco/Flavoured Tobacco Mixtures-All Kinds	Manufactured Products
49	Polyester Spun Yarn	Manufactured Products
50	Polyester cotton blended yarn	Manufactured Products
51	Polyester viscose blended yarn	Manufactured Products
52	Blended Yarn (other than sewing thread) of synthetic staple fibres	Manufactured Products
53	Unbleached Grey Cloth	Manufactured Products
54	Men's Dress Fabric (Cotton-Polyester Blend)	Manufactured Products
55	PSF Suiting's & Fabrics for Pants/Skirts	Manufactured Products
56	Cotton Waste for Recycling	Manufactured Products
57	Grey cotton fabrics for jeans	Manufactured Products
58	Cotton Suiting Fabrics	Manufactured Products
59	Suiting's Fabrics-others	Manufactured Products
60	Synthetic Sewing thread	Manufactured Products
61	Knotted Netting (Twine, Non-Mosquito)	Manufactured Products
62	Elastic tape	Manufactured Products
63	Made-up articles of textile materials other than bed-linen/ bed spreads/ curtains	Manufactured Products
64	Cushions	Manufactured Products
65	Labels	Manufactured Products
66	Non-woven geotextiles	Manufactured Products
67	Other Woven Polyester Filament Fabrics	Manufactured Products
68	Mosquito nets	Manufactured Products
69	Hygienic & Sanitary Products	Manufactured Products
70	Nylon Industrial Yarn / Tyre Cord (NTC)	Manufactured Products
71	Packing Bags for Goods	Manufactured Products
72	Women/Girls Readymade Garments-Not Knitted (All Type)	Manufactured Products
73	Babies' Garments – Not Knitted (All Type)	Manufactured Products

S.No.	Item	Major Group
74	Coated or Impregnated Textile Garments	Manufactured Products
75	Men/Boys Readymade Garments-Knitted (All Type)	Manufactured Products
76	Footwear of rubber or plastics (Sustainable/Eco friendly Footwear/ Athleisure)	Manufactured Products
77	Industrial safety Footwear	Manufactured Products
78	Footwear with upper of textile material	Manufactured Products
79	Parts of footwear; removable insoles, heel cushions, gaiters, legging etc	Manufactured Products
80	Decorative Plywood (Veneered/Other)	Manufactured Products
81	Flush doors	Manufactured Products
82	Wooden Handicrafts and Decorative Wood Articles	Manufactured Products
83	Disposable Paper Plates/Glass/Cup etc.	Manufactured Products
84	Paper Stationery incl. Registers, account books, notebooks, diaries etc	Manufactured Products
85	Printed Aluminium Foil (Not Backed)	Manufactured Products
86	Purified Terephthalic Acid (PTA)	Manufactured Products
87	ABS Resin/ Polyacetal Resin	Manufactured Products
88	Formaldehyde	Manufactured Products
89	Activated Carbon	Manufactured Products
90	Carbon Electro Paste	Manufactured Products
91	Polymers	Manufactured Products
92	Miscellaneous Inorganic Compounds	Manufactured Products
93	Mixed fertilizer (NP)	Manufactured Products
94	Mineral/Chemical fertilizers containing at least two nutrients (nitrogen, phosphate, potash)	Manufactured Products
95	Butadiene	Manufactured Products
96	Industrial Gases & Specialty Chemicals	Manufactured Products
97	High Density Polyethylene (HDPE)	Manufactured Products
98	Low Density Poly Ethylene (LDPE)	Manufactured Products
99	Plastic/polythene granules	Manufactured Products
100	Styrene Polymers (n.e.c.)	Manufactured Products
101	Thinner	Manufactured Products
102	Soap compound	Manufactured Products
103	Cosmetics & Perfumery Products-others	Manufactured Products
104	Essential Oils & Flavours-others	Manufactured Products
105	Blasting powder/Fire works	Manufactured Products
106	Miscellaneous Chemicals and Allied Products	Manufactured Products
107	Synthetic Polyester yarn	Manufactured Products
108	Nylon / Caprolactum	Manufactured Products
109	Coffee essences/ extracts	Manufactured Products
110	Salicylic acid and its salts and esters	Manufactured Products

S.No.	Item	Major Group
111	Amoxicillin/Ampicillin, with/out cloxacillin	Manufactured Products
112	Azithromycin	Manufactured Products
113	Cefotaxime / cepodoxime / ceftriaxone	Manufactured Products
114	Cefuroxime / cefixime/ cefoxitin	Manufactured Products
115	Cephalosporin Antibiotics and Their Preparations	Manufactured Products
116	Ciprofloxacin	Manufactured Products
117	Erythromycin	Manufactured Products
118	Heparin	Manufactured Products
119	Human insulin	Manufactured Products
120	Acetylsalicylic acid/ clopidogrel	Manufactured Products
121	Ambroxol, bromhexine hcl etc. mucolytics preparation	Manufactured Products
122	Calcium Channel blocker medicines	Manufactured Products
123	Antihistamine, antitussive (codeine etc.) prep.	Manufactured Products
124	Anti-psychotic/sedative/hypnotic medicines	Manufactured Products
125	Gabapentinoids	Manufactured Products
126	Lisinopril / ramipril/enalapril maleate	Manufactured Products
127	Losartan potassium / telmisartan	Manufactured Products
128	Nifedipine/Metoprolol	Manufactured Products
129	Allopathic Ointments	Manufactured Products
130	Omeprazole, esomeprazole, lansoprazole, pantoprazole, rabeprazole etc(ppi)	Manufactured Products
131	Prazosin/terazosin/indapamide anti-hypertensive	Manufactured Products
132	Anti convulsive medicines (Sodium valporate, phenytoin sodium, clonazepam etc)	Manufactured Products
133	Antiasthmatic medicines	Manufactured Products
134	Acyclovir, famiclovir (anti-varicella antivirals)	Manufactured Products
135	Topical Corticosteroids	Manufactured Products
136	Biochemic mixed medicines	Manufactured Products
137	Laxatives	Manufactured Products
138	Eye Drops	Manufactured Products
139	Antifungal Medicines (Miconazole/Clotrimazole/Fluconazole, etc)	Manufactured Products
140	Medicaments n.e.c.	Manufactured Products
141	Blood transfusion apparatus incl. Saline	Manufactured Products
142	Veterinary Vaccine	Manufactured Products
143	Vaccine, others & other microbial culture n.e.c.	Manufactured Products
144	Other pharmaceutical products n.e.c.	Manufactured Products
145	Contraceptives	Manufactured Products
146	Human gamma globulins / immunoglobulins	Manufactured Products
147	Pacemaker/ valve for cardiac corrections	Manufactured Products

S.No.	Item	Major Group
148	Tyres for Light Motor Vehicles (LMV) excl. Car Tyres	Manufactured Products
149	Tyres/Tubes (Other All Kind)	Manufactured Products
150	Rubber Inner Tubes, Solid/Cushion Tyres, Interchangeable Tyres and others	Manufactured Products
151	Tyre flaps, rubber	Manufactured Products
152	Reclaimed rubber	Manufactured Products
153	Fuel hose & pipes auto	Manufactured Products
154	Articles of Processed/ vulcanised rubber other than apparel & clothing accessories	Manufactured Products
155	Rubber for Transmission Belts	Manufactured Products
156	Rubber Plugs/stoppers	Manufactured Products
157	Washer & bushes rubber	Manufactured Products
158	PVC pipe	Manufactured Products
159	Plastic Covers	Manufactured Products
160	LDPE Film	Manufactured Products
161	PVC Film	Manufactured Products
162	PVC Lamination	Manufactured Products
163	Polypropylene sheet	Manufactured Products
164	Plastic Tarpaulins	Manufactured Products
165	Films of polythene, polyester, PVC & other forms of plastic	Manufactured Products
166	HDPE Rolls	Manufactured Products
167	Polythene Rolls	Manufactured Products
168	Sheet packing plastic	Manufactured Products
169	Plastic components of packing/ closing/ bottling articles incl. stoppers	Manufactured Products
170	Plastic Sheets, Films, Tapes(medicinal) and Strips incl. Self-Adhesive and Non-Adhesive.	Manufactured Products
171	PVC Plastic Suitcases	Manufactured Products
172	Tableware, kitchenware, containers, other household articles and toilet articles, of plastics	Manufactured Products
173	Flexible Plastic pouches	Manufactured Products
174	Recycled plastics incl. Scrap/Waste	Manufactured Products
175	Blank glass	Manufactured Products
176	Glass components	Manufactured Products
177	Processed Glass Sheets (Bent, Edge-Worked, Engraved, Drilled, Enamelled, Unframed)	Manufactured Products
178	Fiberglass	Manufactured Products
179	Glassware	Manufactured Products
180	Glass Bangles	Manufactured Products
181	Refractory bricks, blocks, tiles	Manufactured Products
182	Refractory cements, mortars, concretes	Manufactured Products

S.No.	Item	Major Group
183	Ceramic sinks, baths, water closet pans, flushing cisterns and similar sanitary fixtures	Manufactured Products
184	Cement (Other Products)	Manufactured Products
185	Non-Refractory Ceramic Pipes, Fittings, Mortars, and Concretes	Manufactured Products
186	Pre-fabricated Concrete blocks (incl. RMC)	Manufactured Products
187	Granules of iron wire pellets	Manufactured Products
188	Semi-Finished Rectangular and Square Iron/Non-Alloy Steel Products – Seamless Tube Quality	Manufactured Products
189	Alloy steel billets	Manufactured Products
190	Ingots alloy steel	Manufactured Products
191	Hot Rolled Plates (≤600 mm width)	Manufactured Products
192	Bars and Rods of Mild steel	Manufactured Products
193	Forged Spring Steel Bars and Rods	Manufactured Products
194	Cold finished/formed of flat rolled products	Manufactured Products
195	Alloy/Non-Alloy Steel Wire and Wire Rods incl. MS	Manufactured Products
196	Stainless Steel Wire – Electrode Quality	Manufactured Products
197	Scrap Iron/Steel	Manufactured Products
198	Gold Ore and Gold-Based Products (incl. Plated Items)	Manufactured Products
199	Alumina/Aluminium oxide	Manufactured Products
200	Non-Alloyed Zinc	Manufactured Products
201	Aluminium bars, rods incl. shapes, sections and profiles	Manufactured Products
202	Bars (Rounds/Square/Hexagonal)	Manufactured Products
203	Non-Alloyed Electrolytic Aluminium Plates and Sheets	Manufactured Products
204	Lead & lead alloy	Manufactured Products
205	High Carbon Steel Ingots	Manufactured Products
206	Semi-Finished Rectangular Iron and Steel Products (Non-Alloy and Alloy, Forging Quality)	Manufactured Products
207	Blanks of tubes/ pipes- non alloy steel	Manufactured Products
208	Seamless Circular Cross-Section Tubes and Pipes	Manufactured Products
209	High-Pressure Hydro-Electric Steel Conduits and ERW Precision Tubes	Manufactured Products
210	Pipes, tubes & casing of steel/iron	Manufactured Products
211	Tube/pipe fittings, of steel other than cast-steel (Mild Steel & Stainless Steel)	Manufactured Products
212	Brass tubes and pipes	Manufactured Products
213	Enamelled Cast Iron Pans	Manufactured Products
214	Hollow Aluminium Profiles	Manufactured Products
215	Towers for transmission lines of iron and steel	Manufactured Products
216	Steel frameworks or skeletons for construction of towers incl. pit props	Manufactured Products
217	Tubular steel poles for electric transmission, distribution	Manufactured Products

S.No.	Item	Major Group
218	High-Pressure Iron and Steel Cylinders	Manufactured Products
219	Forged blank of non-alloy steel	Manufactured Products
220	Angles, shapes, sections forged	Manufactured Products
221	Coated electrode of base metal for electric arc welding	Manufactured Products
222	Utensils of iron /stainless steel	Manufactured Products
223	Hand operated spanners and wrenches	Manufactured Products
224	Stoppers, caps and lids (incl. crown corks), capsules for bottles	Manufactured Products
225	Wire cloth/ mesh	Manufactured Products
226	Locks used in motor vehicles	Manufactured Products
227	Fabricated metal products	Manufactured Products
228	Heavy machinery for fabrication	Manufactured Products
229	Fasteners	Manufactured Products
230	Plates, rods, profiles, tubes and similar articles of iron and steel used in structure	Manufactured Products
231	Cans	Manufactured Products
232	Steel/Aluminium vessels/ containers incl. barrels, drums	Manufactured Products
233	Metal Seals and Other Fabricated Seal Components	Manufactured Products
234	Spring & leaves for spring (iron/steel)	Manufactured Products
235	Boxes, base metal	Manufactured Products
236	Hinges	Manufactured Products
237	Other Metalware	Manufactured Products
238	Printed Circuit Boards (whether or not mounted with IC chips /components)	Manufactured Products
239	Other Electronic valve / tube / components.	Manufactured Products
240	Electronic integrated circuits	Manufactured Products
241	Television all type	Manufactured Products
242	Printer, all kinds	Manufactured Products
243	Office & Business Machines incl. POS, ATMs and components	Manufactured Products
244	Smart cards	Manufactured Products
245	Telecommunication and Network Instruments incl. Routers, Switches, Gateways and Communication Hubs for LAN/WAN.	Manufactured Products
246	Base Stations and Core Network Equipment	Manufactured Products
247	Audio Equipment (radios, microphones, loudspeakers, headphones, amplifiers).	Manufactured Products
248	Hydrometers and similar floating instruments, thermometers, pyrometers, barometers, hygrometers and psychrometers	Manufactured Products
249	Variable area flow meter and other instruments/apparatus	Manufactured Products

S.No.	Item	Major Group
250	Apparatus based on the use of x-rays or of alpha, beta or gamma radiations	Manufactured Products
251	Optical Instruments, Lenses and Components.	Manufactured Products
252	Card with magnetic strip (Debit card, credit card, etc.	Manufactured Products
253	Electric generating sets and rotary converters	Manufactured Products
254	Boards, consoles, cabinets and other bases with electrical switching	Manufactured Products
255	Parts of electricity distribution or control apparatus	Manufactured Products
256	Connectors for optical fibres: bundles/cables	Manufactured Products
257	Coaxial cable and other coaxial electric conductors	Manufactured Products
258	Steel coated with zinc/aluminium	Manufactured Products
259	Wiring Harnesses	Manufactured Products
260	Light fixtures	Manufactured Products
261	LED bulb/tube	Manufactured Products
262	Fans/Ventilating Fans	Manufactured Products
263	Solar collector and parts thereof of aluminium	Manufactured Products
264	Battery terminals	Manufactured Products
265	Other Electromagnetic Equipment	Manufactured Products
266	Articles of graphite or carbon used for electrical purpose incl Carbon electrodes, carbon brushes	Manufactured Products
267	Heavy vehicles engine-other (exceeding. 1000 cc)	Manufactured Products
268	Piston engines/Piston Rings	Manufactured Products
269	Fluid Power Motors	Manufactured Products
270	Axial flow and mixed flow vertical pump for water	Manufactured Products
271	Centrifugal air compressors	Manufactured Products
272	Taps, cocks, valves and similar appliances for pipes, boiler shells, tanks, tanks and etc.	Manufactured Products
273	Motor Gear	Manufactured Products
274	Gears, gearing and chain sprockets incl. gear boxes, other than motor vehicles	Manufactured Products
275	Machinery Parts: Mechanical others	Manufactured Products
276	Fork-lift trucks; other works trucks; tractors for use on rail platform	Manufactured Products
277	Lifts	Manufactured Products
278	Lifting Machinery Parts	Manufactured Products
279	Motor, fan	Manufactured Products
280	Air conditioner-motor vehicles	Manufactured Products
281	Oil/petrol/air intake filters for internal combustion engines	Manufactured Products
282	Weighing machinery	Manufactured Products
283	Fire-fighting equipment	Manufactured Products
284	Industrial fan	Manufactured Products

S.No.	Item	Major Group
285	Parts of Gas Generators, Refrigeration and Heat Exchange Machinery	Manufactured Products
286	Mechanical Agricultural Sprayers	Manufactured Products
287	Parts of agricultural machinery	Manufactured Products
288	Horizontal machining centres	Manufactured Products
289	Vertical machining centres	Manufactured Products
290	Horizontal lathes numerically controlled	Manufactured Products
291	Machine tools for turning, drilling, milling, shaping, planning, boring, grinding etc. (other than lathes)	Manufactured Products
292	Sawing machines	Manufactured Products
293	Stone crusher machine	Manufactured Products
294	Metal rolling mills machine	Manufactured Products
295	Drilling rigs	Manufactured Products
296	Machinery for manufacture of products from metal	Manufactured Products
297	Ingot moulds	Manufactured Products
298	Drilling or Boring Tools	Manufactured Products
299	Concrete pump (All Kinds)	Manufactured Products
300	Construction machine/ equipment incl. bull-dozers	Manufactured Products
301	Construction machine / equipment incl. Batching Plants	Manufactured Products
302	Concrete Mixer lorries incl. self-loading Concrete Mixers	Manufactured Products
303	Dairy machinery	Manufactured Products
304	Food and Beverage Processing Machinery incl. presses, crushers, and industrial preparation equipment)	Manufactured Products
305	Textile machinery	Manufactured Products
306	Parts of Machinery for preparing, spinning, weaving and knitting textiles	Manufactured Products
307	Paper Machinery	Manufactured Products
308	Machinery for manufacture of products from rubber or plastics	Manufactured Products
309	Foundry Mould (Moulding Tools, Casting Moulds, Metal Moulds, Foundry Patterns)	Manufactured Products
310	Special-purpose machinery - machinery for isotopic separation, machines for assembling electric lamps in glass envelopes, machines for manufacturing glassware and rope making machines)	Manufactured Products
311	Passenger Commercial and Public Transport Vehicles excl. Bus/Minibus/Motor Car/Electric Vehicles (EV)	Manufactured Products
312	Electric Vehicles (EV) incl All Model	Manufactured Products
313	Cargo and Utility Semi-Trailers (Non-Agricultural Use)	Manufactured Products
314	Mirrors incl. mirror assemblies	Manufactured Products
315	Leaf spring for motor vehicles	Manufactured Products
316	Fuel injection equipment, excl injection pump for non-spark piston engine [Kg]	Manufactured Products

S.No.	Item	Major Group
317	Engine assembly parts	Manufactured Products
318	Air brake sets (Suspension & Braking)	Manufactured Products
319	Clutch	Manufactured Products
320	Auto components/ spares and accessories	Manufactured Products
321	Parts and accessories for the Bodies for motor vehicles	Manufactured Products
322	Safety seat belts	Manufactured Products
323	Marine Vessels, Shipbuilding, and Floating Structures	Manufactured Products
324	Barges -excl. hopper	Manufactured Products
325	Pontoons, non-propelling	Manufactured Products
326	Motor, traction	Manufactured Products
327	Passenger Coaches (All kinds)	Manufactured Products
328	Railway axles and axle boxes	Manufactured Products
329	Railway & Metro Rolling Stock Assemblies and Parts(others)	Manufactured Products
330	Railway Signalling, Electric/Mechanical	Manufactured Products
331	Railway or tramway maintenance or service vehicles	Manufactured Products
332	Parts of aircraft and spacecraft	Manufactured Products
333	Motor cycle engine not exceeding. 250 cc	Manufactured Products
334	Parts and accessories of motorcycles and side-cars	Manufactured Products
335	Other Wooden Furniture used in offices/Schools	Manufactured Products
336	Mattresses (excl. Rubber & Foam) & Mattress Supports	Manufactured Products
337	Cut and polished diamond	Manufactured Products
338	Precious Metal Jewellery (Gold & Platinum with Precious Stones)	Manufactured Products
339	Imitation Jewellery	Manufactured Products
340	Gymnasium or athletics articles and equipment	Manufactured Products
341	Hockey accessories	Manufactured Products
342	Basketball	Manufactured Products
343	Rugby ball	Manufactured Products
344	Sports goods (parts & accessories)-others	Manufactured Products
345	Ride-On Toys & Baby Cycles	Manufactured Products
346	Novelty Toys, Creatures & Dolls	Manufactured Products
347	Artificial Joints and other body parts	Manufactured Products
348	Dental Restorative Materials incl. Artificial Teeth, Dental Cement, Dental Fillings.	Manufactured Products
349	Stents	Manufactured Products
350	Plastic Disposable syringe	Manufactured Products
351	Medical, surgical or laboratory sterilizers	Manufactured Products
352	Instruments and appliances used in medical, surgical or veterinary sciences (except syringes)	Manufactured Products
353	Helmet	Manufactured Products

S.No.	Item	Major Group
354	Ball/Dot Pen	Manufactured Products
355	Marker Pen	Manufactured Products
356	Lead Pencil	Manufactured Products
357	Staplers	Manufactured Products
358	Writing Instruments-others (Pens, pencils, holders & stylos)	Manufactured Products
359	Umbrellas & Sunshades	Manufactured Products
360	Zipper	Manufactured Products
361	Artificial Decorative Items Incl. Sculptures	Manufactured Products
362	Hair human & articles thereof	Manufactured Products
363	Brooms, brushes, hand-operated mechanical floor sweepers (not motorized), mops and feather dusters	Manufactured Products
364	PVC-Coated Cloth	Manufactured Products

Annexure V: Item Basket and Weighting Structure for Output PPI (Base Year 2022-23)

Commodity Level	Commodity Name	Commodity Weight
All	**ALL COMMODITIES**	**100.00000**
Major Group	**AGRICULTURE, FORESTRY AND FISHING**	**22.15648**
Group	**(A). CROP AND ANIMAL PRODUCTION, HUNTING AND RELATED SERVICE ACTIVITIES**	**19.03219**
SUT Product Category	**PADDY**	**1.57272**
Item	Paddy	1.57272
SUT Product Category	**WHEAT**	**0.96605**
Item	Wheat	0.96605
SUT Product Category	**COARSE CEREALS**	**0.46843**
Item	Bajra	0.08990
Item	Barley	0.01466
Item	Jowar	0.04141
Item	Maize	0.30652
Item	Ragi	0.01594
SUT Product Category	**GRAM**	**0.23061**
Item	Gram	0.23061
SUT Product Category	**ARHAR**	**0.08264**
Item	Arhar	0.08264
SUT Product Category	**OTHER PULSES**	**0.24455**
Item	Khesari	0.00428
Item	Masur	0.04038
Item	Moong	0.09613
Item	Moth	0.00981
Item	Peas/Chawli	0.02470
Item	Rajma	0.00150
Item	Urad	0.06775
SUT Product Category	**GROUNDNUT**	**0.23176**
Item	Groundnut Seed	0.23176
SUT Product Category	**RAPESEED AND MUSTARD**	**0.25324**
Item	Rapeseed & Mustard Seed	0.25324
SUT Product Category	**OTHER OIL SEEDS**	**0.44126**
Item	Castor Seed	0.04436
Item	Copra (Coconut)	0.05021
Item	Cotton Seed	0.03209
Item	Gingelly Seed (Sesamum)	0.02655
Item	Linseed	0.00318
Item	Niger Seed	0.00053
Item	Safflower (Kardi) Seeds	0.00131
Item	Soyabean	0.27643
Item	Sunflower Seed	0.00660
SUT Product Category	**FIBRE CROP**	**0.57155**
Item	Coir Fibre	0.00325

Commodity Level	Commodity Name	Commodity Weight
Item	Mesta	0.00108
Item	Raw Cotton	0.47964
Item	Raw Jute	0.02976
Item	Raw Silk	0.05782
SUT Product Category	**SUGAR CROP**	**0.50460**
Item	Sugarcane	0.50460
SUT Product Category	**COCONUT**	**0.11528**
Item	Coconut (Fresh)	0.11528
SUT Product Category	**TOBACCO**	**0.04929**
Item	Tobacco	0.04929
SUT Product Category	**TEA**	**0.07094**
Item	Tea	0.07094
SUT Product Category	**COFFEE**	**0.03350**
Item	Coffee	0.03350
SUT Product Category	**RUBBER**	**0.04709**
Item	Raw Rubber	0.04709
SUT Product Category	**MANGO**	**0.37761**
Item	Mango	0.37761
SUT Product Category	**BANANA**	**0.46564**
Item	Banana	0.46564
SUT Product Category	**CITRUS & GRAPE FRUIT**	**0.23352**
Item	Lemon	0.06387
Item	Mosambi (Sweet Orange)	0.05944
Item	Orange	0.11021
SUT Product Category	**OTHER FRUIT**	**0.51753**
Item	Almonds	0.00114
Item	Amla/Aonla	0.01721
Item	Apple	0.04174
Item	Cashew Nut	0.04094
Item	Grapes	0.06342
Item	Guava	0.06403
Item	Jackfruit	0.03373
Item	Litchi	0.01676
Item	Muskmelon	0.01084
Item	Papaya	0.05507
Item	Peach/plum	0.00241
Item	Pear	0.00285
Item	Pineapple	0.02752
Item	Pomegranate	0.07333
Item	Sapota	0.01157
Item	Strawberry	0.00054
Item	Walnut	0.02653
Item	Watermelon	0.02790
SUT Product Category	**POTATO**	**0.31063**
Item	Potato	0.31063
SUT Product Category	**ONIONS**	**0.15892**
Item	Onion	0.15892
SUT Product Category	**TOMATO**	**0.17784**

Commodity Level	Commodity Name	Commodity Weight
Item	Tomato	0.17784
SUT Product Category	**CABBAGE AND COULIFLOWER**	**0.17328**
Item	Cabbage	0.07866
Item	Cauliflower	0.09462
SUT Product Category	**OTHER VEGETABLE**	**0.84163**
Item	Beans	0.06188
Item	Bitter Gourd	0.02683
Item	Bottle Gourd	0.03090
Item	Brinjal	0.16644
Item	Capsicum	0.01411
Item	Carrot	0.02695
Item	Cucumber	0.01884
Item	Drumstick	0.03916
Item	Ginger (Fresh)	0.05592
Item	Mushroom	0.01697
Item	Okra (Lady finger)	0.10771
Item	Peas (Green)	0.10923
Item	Pointed Gourd	0.01363
Item	Pumpkin	0.02095
Item	Radish	0.03363
Item	Sweet Potato	0.01705
Item	Tapioca	0.08143
SUT Product Category	**SPICES AND CONDIMENTS**	**0.61297**
Item	Betel Nut/Areca Nut	0.17016
Item	Black pepper	0.01536
Item	Cardamom	0.01282
Item	Chillies (Dry)	0.17283
Item	Coriander	0.03414
Item	Cumin	0.04841
Item	Fennel	0.00661
Item	Garlic	0.07491
Item	Ginger (Dry)	0.03482
Item	Methi	0.00825
Item	Tamarind	0.00408
Item	Turmeric	0.03058
SUT Product Category	**OTHER FOOD CROPS**	**2.64508**
Item	Betel leaves	0.11190
Item	Fodder	2.17544
Item	Guar Seed	0.06385
Item	Isabgole	0.02910
Item	Jasmine	0.03972
Item	Marigold	0.03972
Item	Rose	0.18535
SUT Product Category	**MILK**	**4.37966**
Item	Milk	4.37966
SUT Product Category	**WOOL**	**0.00213**
Item	Raw Wool	0.00213
SUT Product Category	**EGG**	**0.22210**

Commodity Level	Commodity Name	Commodity Weight
Item	Eggs	0.22210
SUT Product Category	**POULTRY MEAT**	**0.69167**
Item	Poultry Chicken	0.69167
SUT Product Category	**BEEF**	**0.14579**
Item	Beef and Buffalo Meat	0.14579
SUT Product Category	**MUTTON**	**0.57371**
Item	Mutton/Goat Meat	0.57371
SUT Product Category	**OTHER MEAT**	**0.08740**
Item	Pork	0.08740
SUT Product Category	**OTHER LIVESTOCK PRODUCTS**	**0.53157**
Item	Dung	0.45189
Item	Hides (Raw)	0.03645
Item	Skins (Raw)	0.04323
Group	**(B). FORESTRY AND LOGGING**	**1.67481**
SUT Product Category	**INDUSTRY WOOD**	**1.10965**
Item	Industrial wood	1.10965
SUT Product Category	**FIREWOOD**	**0.23141**
Item	Firewood	0.23141
SUT Product Category	**OTHER FORESTRY PRODUCTS**	**0.33375**
Item	Oleoresins (excl. essential oleoresins as of spices/fruits)	0.06614
Item	Tanning Materials	0.26761
Group	**(C). FISHING AND AQUACULTURE**	**1.44948**
SUT Product Category	**INLAND FISH**	**1.12993**
Item	Fish-Inland	1.12993
SUT Product Category	**MARINE FISH**	**0.31955**
Item	Fish-Marine	0.31955
Major_Group	**MINING AND QUARRYING**	**3.42065**
Group	**(A). MINING OF METAL ORES**	**0.70792**
SUT Product Category	**IRON ORE**	**0.42631**
Item	Iron Ore	0.42631
SUT Product Category	**MANGANESE ORE**	**0.02076**
Item	Manganese Ore	0.02076
SUT Product Category	**BAUXITE**	**0.02463**
Item	Bauxite	0.02463
SUT Product Category	**COPPER ORE**	**0.01031**
Item	Copper concentrate	0.01031
SUT Product Category	**OTHER METALLIC MINERALS**	**0.22591**
Item	Chromite	0.00256
Item	Gold mineral (ore)	0.22281
Item	Lead concentrate	0.00002
Item	Zinc concentrate	0.00052
Group	**(B). MINING OF COAL AND LIGNITE**	**0.73980**
SUT Product Category	**COAL AND LIGNITE**	**0.73980**
Item	Coking Coal	0.07662
Item	Non-Coking Coal	0.63860
Item	Lignite	0.02458

Commodity Level	Commodity Name	Commodity Weight
Group	**(C). OTHER MINING AND QUARRYING**	**1.23208**
SUT Product Category	**LIMESTONE**	**0.14374**
Item	Limestone	0.14374
SUT Product Category	**OTHER NON-METALLIC MINERALS**	**1.08834**
Item	Garnet	0.00171
Item	Granite	0.04851
Item	Marble slab (unpolished)	0.02946
Item	Phosphorite	0.00002
Item	Salt, white	0.01943
Item	Sand/Beach Sand/Morum	0.94105
Item	Sillimanite	0.00007
Item	Stone chip	0.04809
Group	**(D). EXTRACTION OF CRUDE PETROLEUM AND NATURAL GAS**	**0.74085**
SUT Product Category	**NATURAL GAS**	**0.12801**
Item	Natural Gas	0.12801
SUT Product Category	**CRUDE PETROLEUM**	**0.61284**
Item	Crude Petroleum	0.61284
Major Group	**MANUFACTURING PRODUCTS**	**69.93568**
Group	**(A). MANUFACTURE OF FOOD PRODUCTS**	**8.47196**
SUT Product Category	**PROCESSED POULTRY MEAT & POULTRY MEAT PRODUCTS**	**0.02434**
Item	Meat of chickens, fresh or chilled	0.02052
Item	Meat of chickens, frozen	0.00382
SUT Product Category	**PROCESSED OTHER MEAT & MEAT PRODUCTS**	**0.10720**
Item	Meat of buffalo, fresh or chilled	0.02204
Item	Meat of buffalo, frozen	0.06838
Item	Meat of goat, fresh or chilled	0.00060
Item	Meat of goat, frozen	0.00032
Item	Other meat and edible offal, fresh, chilled or frozen	0.00016
Item	Prepared dishes and meals based on meat	0.01244
Item	Sausages and similar products of meat, offal or blood	0.00326
SUT Product Category	**PROCESSED FISH & FISH PRODUCTS**	**0.32258**
Item	Fish fillets, frozen	0.02097
Item	Fish, frozen (excluding fish fillets and fish meat)	0.04034
Item	Flours, meals and pellets, inedible, of fish, crustaceans, molluscs or other aquatic invertebrates	0.01842
Item	Prawns otherwise prepared or preserved	0.03374
Item	Prawns, frozen	0.02101
Item	Shrimps otherwise prepared or preserved	0.07304
Item	Shrimps, frozen	0.11506

Commodity Level	Commodity Name	Commodity Weight
SUT Product Category	**PROCESSED FRUITS & PROCESSED VEGETABLES**	**0.16977**
Item	Cashew nuts, shelled	0.06665
Item	Dried vegetables	0.00652
Item	Flour, meal, powder, flakes, granules and pellets of potatoes	0.00183
Item	Fruit and nuts, provisionally preserved, not for immediate consumption	0.00338
Item	Fruits and nuts, uncooked or cooked, frozen	0.00230
Item	Mango juice (including concentrates and pulp)	0.02871
Item	Mixed fruit juice (including concentrates and pulp)	0.00473
Item	Other jams, fruit jellies, marmalades, aam papad, amchur, fruit or nut puree and fruit or nut pastes, n.e.c.	0.00192
Item	Other vegetables and pulses, frozen	0.00285
Item	Peas, frozen	0.00565
Item	Prepared dishes and meals based on potatoes	0.00487
Item	Prepared dishes and meals based on vegetables, pulses and potatoes; n.e.c.	0.03360
Item	Vegetables preserved by vinegar or acetic acid	0.00482
Item	Vegetables, pulses and potatoes, preserved by vinegar or acetic acid; n.e.c.	0.00194
SUT Product Category	**DAIRY PRODUCTS**	**0.82732**
Item	Butter of buffalo milk	0.10652
Item	Curd (Dahi)	0.15413
Item	Ghee of buffalo milk	0.20990
Item	Ghee of cow milk	0.10897
Item	Ice cream	0.13314
Item	Sweetmeat (made of milk)	0.11466
SUT Product Category	**EDIBLE OILS AND FATS**	**2.01670**
Item	Coconut oil, refined	0.03310
Item	Cottonseed oil, crude	0.06613
Item	Groundnut or peanut oil, refined	0.03647
Item	Mustard oil, crude	0.08567
Item	Mustard oil, refined	0.15725
Item	Oil-cake, mustard seed	0.04194
Item	Oil-cake, others (incl. solvent extracted) n.e.c.	0.24217
Item	Other vegetable oil and fats	0.01286
Item	Other vegetable oils, refined, n.e.c.	0.06905
Item	Palm oil, refined	0.44049
Item	Rapeseed oil, refined	0.00095
Item	Rice bran oil, crude	0.06799

Commodity Level	Commodity Name	Commodity Weight
Item	Rice bran oil, refined	0.14407
Item	Soya bean oil, refined	0.44100
Item	Sunflower-seed oil, refined	0.17756
SUT Product Category	**WHEAT (GRAIN MILL PRODUCTS)**	**0.76584**
Item	Wheat flour (atta/Maida)	0.76584
SUT Product Category	**PULSE (GRAIN MILL PRODUCTS)**	**0.25192**
Item	Arhar dal, milled	0.09455
Item	Gram flour (besan)	0.02848
Item	Gram, milled	0.05397
Item	Moong dal, milled	0.03353
Item	Rawa (Sooji)	0.01474
Item	Soya preparations (nuggets, etc.)	0.02665
SUT Product Category	**RICE (GRAIN MILL PRODUCTS)**	**0.64276**
Item	Rice (other than basmati), non-boiled (atap) milled	0.09869
Item	Rice (other than basmati), par-boiled brown/ husked	0.02123
Item	Rice (other than basmati), par-boiled milled	0.20747
Item	Rice broken (all types)	0.04456
Item	Rice flake (Chira/Chudwa/ Chidwa/poha)	0.01054
Item	Rice puffed (murmura/muri)	0.00042
Item	Rice, basmati milled	0.23371
Item	Rice, semi- or wholly milled; n.e.c.	0.02614
SUT Product Category	**OTHERS (GRAIN MILL PRODUCTS)**	**0.69278**
Item	Bajra, flour	0.00002
Item	Corn flake	0.00651
Item	Corn/maize flour	0.00945
Item	Groats, meal and pellets of corn/ maize	0.02153
Item	Millet (jowar, ragi) flour	0.00142
Item	Other cereal flours; n.e.c.	0.00299
Item	Preparations used in animal feeding n.e.c.	0.62478
Item	Husk (animal feed)	0.02608
SUT Product Category	**SUGAR, STARCH AND GUR**	**1.07571**
Item	Glucose and glucose syrup; fructose and fructose syrup; lactose and lactose syrup; invert sugar; sugars and sugar syrups n.e.c.; artificial honey; caramel; n.e.c.	0.00245
Item	Gur (jaggery)	0.00525
Item	Invert sugar (mixture of glucose and fructose)	0.00659
Item	Khandsari sugar	0.02888
Item	Molasses	0.08503
Item	Other forms of refined sugar n.e.c.	0.06225
Item	Refined cane (Bada dana)	0.08470
Item	Refined cane sugar (Chhota daana) including sugar cubes	0.74075
Item	Starch, maize	0.05586
Item	Starch, potato	0.00008

Commodity Level	Commodity Name	Commodity Weight
Item	Starch, sago	0.00387
SUT Product Category	**BREAD & BAKERY PRODUCTS**	**0.40700**
Item	Biscuits	0.23674
Item	Bread	0.07768
Item	Cake dry	0.01015
Item	Cake, fruits	0.00508
Item	Pastry goods and cakes; n.e.c.	0.03327
Item	Pastry	0.00119
Item	Sweet biscuits	0.04289
SUT Product Category	**MISCELLANEOUS FOOD PRODUCTS**	**0.91690**
Item	Chillies dry (powder), processed	0.05413
Item	Chillies dry(whole), processed	0.03798
Item	Chocolate and other food preparations containing cocoa (except sweetened cocoa powder), in bulk forms	0.06617
Item	Chocolate and other food preparations containing cocoa (except sweetened cocoa powder), other than in bulk forms	0.06443
Item	Macaroni	0.00156
Item	Namkeen/bhujia	0.14776
Item	Noodles	0.04000
Item	Nuts preserved by sugar (badam takti, etc.)	0.00043
Item	Other food products n.e.c.	0.08766
Item	Other homogenized composite food preparations; n.e.c.	0.04356
Item	Other spices, processed; n.e.c.	0.12897
Item	Pickle, mango	0.00369
Item	Potato chips/wafers	0.04784
Item	Sauces; mixed condiments; mustard flour and meal; prepared mustard, n.e.c.	0.00757
Item	Sugar candy (Misri)	0.00149
Item	Sugar confectionery and other parts of plants, preserved by sugar, n.e.c.	0.02918
Item	Tomato sauce (including ketchup)	0.03058
Item	Uncooked pasta, not stuffed or otherwise prepared; n.e.c.	0.00535
Item	Vinegar and substitutes therefor obtained from acetic acid	0.00018
Item	Natural honey	0.00208
Item	Gola (cattle feed)	0.11629
SUT Product Category	**TEA PROCESSED**	**0.21055**
Item	Black tea (ctc)	0.17124
Item	Green tea	0.00353
Item	Other tea, n.e.c.	0.03578
SUT Product Category	**COFFEE PROCESSED**	**0.04059**
Item	Coffee essences/ extracts	0.00425
Item	Coffee powder blended with chicory	0.00852
Item	Instant coffee	0.02782

Commodity Level	Commodity Name	Commodity Weight
Group	**(B). MANUFACTURE OF BEVERAGES**	**0.84170**
SUT Product Category	**ALCOHOLIC BEVERAGES**	**0.24268**
Item	Beer made from malt	0.05700
Item	Burnt wine, brandy	0.00704
Item	Country liquor and its variants	0.04493
Item	Liqueurs	0.03073
Item	Neutral grain spirit	0.01240
Item	Spirits, liqueurs and other spirituous beverages of an alcoholic strength by volume of about40% vol, n.e.c.	0.02788
Item	Undenatured ethyl alcohol of an alcoholic strength by volume of 80% vol or higher, n.e.c.	0.01409
Item	Whisky	0.04759
Item	Wine of fresh grapes, except sparkling wine; grape must, n.e.c.	0.00102
SUT Product Category	**NON-ALCOHOLIC BEVERAGES**	**0.59902**
Item	Bottled mineral water	0.05801
Item	Soft drink, carbonated beverage other than soda water	0.54101
Group	**(C). MANUFACTURE OF TOBACCO PRODUCTS**	**0.25705**
SUT Product Category	**TOBACCO PRODUCTS**	**0.25705**
Item	Biri	0.04150
Item	Cigarettes	0.06286
Item	Cigars, cheroots, cigarillos and cigarettes of tobacco or tobacco substitutes; n.e.c.	0.03385
Item	Guthaka (panparag, Shekhar, Teranga, Madhu, etc.)	0.07449
Item	Tobacco dust, processed	0.00145
Item	Tobacco tooth powder (gudaku)	0.00024
Item	Tobacco, chewing (scented or not)	0.02701
Item	Tobacco, crushed	0.01141
Item	Tobacco, graded	0.00337
Item	Tobacco, smoking	0.00033
Item	Tobacco, hookah	0.00054
Group	**(D). MANUFACTURE OF TEXTILES**	**4.38774**
SUT Product Category	**COTTON YARN AND COTTON TEXTILES**	**2.36012**
Item	Cotton bleached/dyed/processed yarn	0.16017
Item	Cotton yarn (other than sewing thread), containing less than 85% by weight of cotton	0.09600
Item	Cotton yarn spun from waste	0.04106
Item	Cotton yarn, for hosiery	0.18049
Item	Cotton yarn, grey (unbleached)	0.65786
Item	Cotton yarn, n.e.c.	0.35629

Commodity Level	Commodity Name	Commodity Weight
Item	Cotton-Polyester cloth/fabrics for men's dresses	0.04303
Item	Dhoti/lungi of cotton	0.01624
Item	Dyed/printed cotton fabrics, light	0.16196
Item	Grey (unbleached) cotton fabric, light	0.18307
Item	Grey cloth	0.16101
Item	Grey(unbleached) cotton drills and jeans/denims	0.07197
Item	Knitted fabrics, cloth, cotton	0.08998
Item	Other woven fabrics of cotton; n.e.c.	0.02417
Item	Suiting's and fabrics for pant/trouser/skirt of cotton mixed with manmade fibres	0.04132
Item	Suiting's and fabrics for pant/trouser/skirt of cotton	0.03402
Item	Woven fabrics of cotton, containing 85% or more by weight of cotton, weighing not more than 200 g/m2	0.04148
SUT Product Category	**SYNTHETIC YARN AND SYNTHETIC TEXTILES**	**0.56936**
Item	Dyed/printed or embroidered fabrics of rayon or other artificial staple fibre for ladies/ children dresses	0.00397
Item	Other fabrics of hi-ten nylon, polyamides or polyester or of viscose filament yarn, n.e.c.	0.05381
Item	Other woven fabrics of Polyester filament yarn	0.03453
Item	Other woven fabrics of psf or other synthetic staple fibre yarn, n.e.c.	0.00576
Item	Polyester cotton blended yarn	0.07843
Item	Polyester filament yarn	0.05849
Item	Polyester spun yarn	0.06092
Item	Polyester viscose blended yarn	0.05853
Item	Sewing thread of man-made filaments or staple fibres	0.01070
Item	Suiting's and fabrics for pant/trouser/skirt of polyester staple fibre (psf) yarn	0.05956
Item	Synthetic blended yarn, n.e.c.	0.03185
Item	Synthetic yarn (other than sewing thread), n.e.c.	0.04809
Item	Viscose yarn (rayon, Dacron)	0.05030
Item	Yarn of rayon/cellulosic fibre blended with polyester	0.01442
SUT Product Category	**WOOL YARN AND WOOLEN TEXTILES**	**0.02555**
Item	Wool polyester blended woven fabric for pants/trousers/skirts	0.00617
Item	Wool polyester blended woven fabric for suiting	0.00059

Commodity Level	Commodity Name	Commodity Weight
Item	Wooven fabrics of carded wool or fine animal hair containing 85% or more by weight of wool or fine animal hair; n.e.c.	0.00156
Item	Woven fabrics of combed wool or of combed fine animal hair, containing 85% or more by weight of wool or fine animal hair; n.e.c.	0.00814
Item	Woven fabrics of wool or fine animal hair, containing less than 85% by weight of wool or fine animal hair, blended with other fibres, n.e.c.	0.00066
Item	Yarn of wool, containing 85% or more by weight of wool, not put up for retail sale	0.00843
SUT Product Category	**CARPET WEAVING**	**0.08860**
Item	Carpets and other textile floor coverings, knotted	0.00562
Item	Carpets and other textile floor coverings, tufted	0.03905
Item	Carpets, woven	0.03086
Item	Other carpets and textile floor coverings (including those of felt)	0.01307
SUT Product Category	**MISC. TEXTILE PRODUCTS**	**0.93365**
Item	Bags for the packing of goods	0.01974
Item	Bed linen, table linen, toilet linen and kitchen linen; n.e.c.	0.06638
Item	Bed linen,	0.09300
Item	Bed valances (including bed spreads and skirts)	0.01713
Item	Blankets	0.04440
Item	Cordage, textile	0.00005
Item	Curtains (including drapes) and interior blinds; curtain or bed valances; n.e.c.	0.03473
Item	Curtains including drapes	0.02542
Item	Cushions	0.02186
Item	Elastic tape	0.01382
Item	Hessian / gunny cloth/sacking cloth	0.12120
Item	Knotted rope	0.00028
Item	Knotted netting of twine (other than mosquito net)	0.01561
Item	Labels	0.02767
Item	Mosquito nets	0.03174
Item	Non-woven geotextiles	0.03284
Item	Other furnishing articles n.e.c.; sets of woven fabric and yarn for making up into rugs, tapestries, embroidered table cloths or serviettes, or similar textile articles, put up in packings for retail sale	0.02117

Commodity Level	Commodity Name	Commodity Weight
Item	Other made-up textile articles (including floor-cloths, dish-cloths, dusters and similar cleaning cloths, life-jackets and life-belts); n.e.c.	0.04143
Item	Others (diaper stock, insulation, etc.); n.e.c.	0.05085
Item	Quilts, eiderdowns, cushions, pouffes, pillows, sleeping bags and the like, fitted with springs or stuffed or internally fitted with any material or of cellular rubber or plastics; n.e.c.	0.02192
Item	Quilts	0.01576
Item	Rope (jute or other textile)	0.00020
Item	Sacks/ gunny bags for packing of goods	0.08330
Item	Terry towel (cotton)	0.10385
Item	Textile fabrics for conveyor belts	0.00819
Item	Tyre cord fabric of high tenacity yarn of nylon or other polyamides, polyesters or viscose rayon; n.e.c.	0.02111
SUT Product Category	**SYNTHETIC FIBRES, RESIN**	**0.41046**
Item	Acrylic fibre (filament)	0.00481
Item	Nylon industrial yarn/ tyre cord, ntc	0.01709
Item	Staple fibre polyester, psf	0.12299
Item	Staple fibre viscose	0.00997
Item	Yarn polyester	0.05152
Item	Yarn texturized and twisted	0.20408
Group	**(E). MANUFACTURE OF WEARING APPAREL**	**1.20494**
SUT Product Category	**READY MADE GARMENTS**	**1.20494**
Item	Babies' garments; not knitted or crocheted	0.01325
Item	Babies' garments, knitted or crocheted	0.02128
Item	Bag/handbag, artificial fur	0.00042
Item	Belt, waist, leather	0.00284
Item	Brassieres, girdles, corsets, braces, suspenders, garters and similar articles and parts thereof, whether or not knitted or crocheted; n.e.c.	0.01507
Item	Fabrics, dyed/ processed, cotton, knitted/crocheted	0.03457
Item	Fabrics, dyed/ processed, other fabrics, n.e.c., knitted/crocheted	0.00989
Item	Garments made up of textile fabrics impregnated or coated with other materials	0.11446
Item	Garments(shirts/pants/etc.), leather	0.01182
Item	Gloves, leather	0.00917
Item	Jacket, leather	0.00601
Item	Jackets; not knitted or crocheted male	0.01050

Commodity Level	Commodity Name	Commodity Weight
Item	Jerseys, pullovers, cardigans, waistcoats and similar articles, knitted or crocheted; n.e.c.	0.01405
Item	Men's or boys' other garments knitted or crocheted; n.e.c.	0.07300
Item	Men's or boys' suits, coats, jackets, trousers, shorts and the like, knitted or crocheted; n.e.c.	0.02041
Item	Men's or boys' suits, coats, jackets, trousers, shorts and the like, of textile fabric, not knitted or crocheted; n.e.c.	0.01790
Item	Men's/ boys' shirts/t-shirts, knitted or crocheted,	0.11555
Item	Men's/ boys' underwear (baniyan, vests, singlets, underpants, etc); knitted or crocheted	0.03527
Item	Other dresses, women's/ girls, not knitted or crocheted; n.e.c.	0.01838
Item	Other garments, (women's/ girls), not knitted or crocheted, n.e.c.	0.16274
Item	Other garments, men's/ boys, not knitted or crocheted, n.e.c.	0.04779
Item	Other hosiery product	0.01226
Item	Panty hose, tights, stockings, socks and other hosiery, knitted or crocheted; n.e.c.	0.00407
Item	Shirts; not knitted or crocheted men's/ boys	0.07254
Item	Skirts, trousers, shorts (women's/ girls), not knitted or crocheted	0.05156
Item	Trousers (men's or boys')	0.03933
Item	Trousers; not knitted or crocheted male	0.01880
Item	T-shirts, knitted or crocheted	0.08849
Item	T-shirts, singlets and other vests, knitted or crocheted; n.e.c.	0.02715
Item	Women's or girls' suits, coats, jackets, dresses, skirts, trousers, shorts and the like, knitted or crocheted n.e.c.	0.06663
Item	Women's/ girls' blouses/ tops/ shirts, not knitted or crocheted	0.04045
Item	Women's/ girls' dressing gowns/ bathrobes/ nightdresses/singlets, not knitted or crocheted	0.00857
Item	Women's/ girls' shirts/blouses/ tops, knitted or crocheted	0.02072
Group	**(F). MANUFACTURE OF LEATHER AND RELATED PRODUCTS**	**0.49989**
SUT Product Category	**LEATHER FOOTWEAR**	**0.31355**
Item	Footwear with uppers leather than sports footwear of leather, other footwear,	0.02497

Commodity Level	Commodity Name	Commodity Weight
	footwear incorporating a protective metal toe-cap and miscellaneous special footwear, n.e.c.	
Item	Footwear with uppers of textile materials, other than sports footwear	0.02111
Item	Men's shoes with leather uppers and leather soles	0.05797
Item	Men's shoes with leather uppers and rubber/ other soles	0.03375
Item	Other footwear with outer soles and uppers of rubber or plastics, other than waterproof footwear or sports footwear, n.e.c.	0.04473
Item	Other sports footwear, except skating boots	0.01313
Item	Other waterproof footwear, with outer soles and uppers of rubber or plastics, other than footwear incorporating a protective metal toe-cap, n.e.c.	0.01291
Item	Parts of footwear; removable insoles, heel cushions and similar articles; gaiters, leggings and similar articles, and parts thereof	0.01586
Item	Sandals with leather uppers	0.00309
Item	Sandals/ chappals of plastic/ pvc	0.00998
Item	Sandals/ chappals of rubber	0.03065
Item	Tennis shoes, basketball shoes, gym shoes, training shoes and the like	0.03179
Item	Water-proof boots (incl. gum boots)	0.00051
Item	Women's shoes with leather uppers and leather soles	0.00569
Item	Women's shoes with leather uppers and rubber/ other soles	0.00741
SUT Product Category	**LEATHER AND LEATHER PRODUCTS EXCEPT FOOTWEAR**	**0.18634**
Item	Handbags/purses/wallets, leather (or of composition leather)	0.07808
Item	Harness and saddle leather	0.00204
Item	Leather Crome/wet blue, tanned	0.01636
Item	Leather semi-tanned / tanned	0.03487
Item	Leather, buffalo, chrome tanned	0.01366
Item	Leather, cow, chrome tanned	0.00970
Item	Leather, goat/ sheep, chrome tanned	0.00997
Item	Other luggage, handbags and the like, of leather, composition leather, plastic sheeting, textile materials, vulcanized fibre or paperboard; travel sets for personal toilet, sewing or shoe or clothes cleaning, n.e.c.	0.02166

Commodity Level	Commodity Name	Commodity Weight
Group	**(G). MANUFACTURE OF WOOD AND PRODUCTS OF WOOD AND CORK, EXCEPT FURNITURE; MANUFACTURE OF ARTICLES OF STRAW AND PLAITING MATERIALS**	**1.08949**
SUT Product Category	**WOOD AND WOOD PRODUCTS EXCEPT FURNITURE**	**1.08949**
Item	Base paper	0.00020
Item	Blocks wooden compressed or not	0.00131
Item	Box wooden (Incl. packing box)	0.00995
Item	Cooling tower wooden	0.00086
Item	Fibreboard of wood or other ligneous materials	0.02959
Item	Flush doors	0.06906
Item	Laminated sheet (wood)	0.07980
Item	Other plywood, veneered panels and similar laminated wood, except of bamboo n.e.c.	0.03498
Item	Packing cases, boxes, crates, drums and similar packings, of wood; cable-drums of wood; pallets, box pallets and other load boards, of wood; casks, barrels, vats, tubs and other coopers' products and parts thereof, of wood (including staves) n.e.c.	0.05254
Item	Particle board and similar board of wood or other ligneous materials n.e.c.	0.16157
Item	Plywood board	0.18698
Item	Plywood decorative	0.03586
Item	Plywood	0.22468
Item	Raw paper	0.12475
Item	Timber/wooden planks, sawn/resawn	0.00681
Item	Veneer sheets and sheets for plywood and other wood sawn lengthwise, sliced or peeled, of a thickness not exceeding 6 mm n.e.c.	0.02427
Item	Veneered particle board	0.00943
Item	Wood cutting processed sized	0.00828
Item	Wood marquetry and inlaid wood; cases for jewellery or cutlery, and similar articles, of wood; statuettes and other ornaments, of wood n.e.c.	0.00010
Item	Wood sawn	0.02156
Item	Wooden crates	0.00133
Item	Wooden frames for paintings, photographs, mirrors or similar objects, and other articles of wood	0.00143
Item	Wooden splints	0.00415
Group	**(H). MANUFACTURE OF PAPER AND PAPER PRODUCTS**	**1.03128**

Commodity Level	Commodity Name	Commodity Weight
SUT Product Category	**PAPER, PAPER PRODUCTS AND NEWSPRINT**	**1.03128**
Item	Adhesive tape (non-medicinal)	0.00856
Item	Boxes, corrugated sheet	0.18959
Item	Card board boxes	0.02385
Item	Card board/ duplex board	0.03010
Item	Cartons / boxes, paper	0.08939
Item	Corrugated paper and paperboard n.e.c.	0.02487
Item	Corrugated paper board	0.01967
Item	Craft paper	0.12494
Item	Duplex paper	0.03173
Item	Ice cream cups	0.00010
Item	Kraft liner, uncoated	0.00293
Item	Newsprint bleached	0.00735
Item	News print coloured	0.00346
Item	Newsprint n.e.c.	0.00387
Item	Newsprint in reels	0.00453
Item	Other paper and paperboard, cellulose wadding and webs of cellulose fibres, coated, impregnated, gummed or adhesive, covered, surface-coloured, surface-decorated or printed, in rolls or sheets n.e.c.	0.01441
Item	Other uncoated kraft paper and paperboard; sack kraft paper, creped or crinkled n.e.c.	0.12336
Item	Other uncoated paper and paperboard, of a kind used for writing, printing or other graphic purposes, and punch card stock and punch tape paper n.e.c.	0.03526
Item	Paper board bristle	0.01583
Item	Paper cups	0.00388
Item	Paper laminated	0.04057
Item	Paper plate	0.00290
Item	Paper posters	0.00340
Item	Paper, Maplitho	0.00546
Item	Paper, printing & writing	0.17271
Item	Tissue paper	0.00999
Item	Toilet or facial tissue stock, towel or napkin stock and similar paper, cellulose wadding and webs of cellulose fibres n.e.c.	0.00469
Item	Toilet paper, handkerchiefs, towels, serviettes, napkins for babies, tampons, and similar household, sanitary or hospital articles, and articles of apparel, of paper pulp, paper, cellulose wadding or webs of cellulose fibres n.e.c.	0.03388
Group	**(I). PRINTING AND REPRODUCTION OF RECORDED MEDIA**	**0.30931**

Commodity Level	Commodity Name	Commodity Weight
SUT Product Category	**PUBLISHING, PRINTING AND ALLIED ACTIVITIES**	**0.30931**
Item	Books	0.04613
Item	Business/economic newspaper/periodicals, non-daily	0.00010
Item	Composed type, prepared printing plates or cylinders, impressed lithographic stones or other impressed media for use in printing	0.00416
Item	Educational textbooks, in print	0.01674
Item	General reference books, in print	0.00625
Item	Misc. printed articles/books like annual report etc.	0.01061
Item	Newspaper, daily	0.07602
Item	Newspapers and periodicals, daily, in print n.e.c.	0.01032
Item	Other books n.e.c., in print	0.00768
Item	Periodicals, non- daily	0.00211
Item	Printed forms & schedules	0.00218
Item	Printed labels	0.02309
Item	Printed materials n.e.c.	0.03942
Item	Printed or illustrated postcards; printed cards bearing personal greetings or messages, with or without envelopes or trimmings n.e.c.	0.00662
Item	Printed posters	0.01752
Item	Registers, account books, notebooks, letter pads, diaries and similar articles, blotting-pads, binders, file covers, forms and other articles of stationery, of paper or paperboard n.e.c.	0.04036
Group	**(J). MANUFACTURE OF COKE AND REFINED PETROLEUM PRODUCTS**	**7.14818**
SUT Product Category	**PETROLEUM PRODUCTS**	**7.03205**
Item	ATF	0.65580
Item	Bitumen	0.08093
Item	Butadiene	0.01715
Item	Furnace Oil	0.18887
Item	High Speed Diesel (HSD)	3.44660
Item	Kerosene	0.03803
Item	Liquefied Petroleum Gas (LPG)	0.38023
Item	Lube Oils	0.14509
Item	Mineral Turpentine Oil (MTO)	0.00977
Item	Naphtha	0.47237
Item	Petroleum Coke	0.09525
Item	Petrol	1.48008
Item	Sulphur	0.02188
SUT Product Category	**COAL TAR PRODUCTS**	**0.11613**

Commodity Level	Commodity Name	Commodity Weight
Item	Coke hard	0.08571
Item	Coke mixed	0.01917
Item	Briquettes, coke	0.01125
Group	**(K). MANUFACTURE OF CHEMICALS AND CHEMICAL PRODUCTS**	**5.74793**
SUT Product Category	**INORGANIC CHEMICALS**	**0.72954**
Item	Acid sulphuric (incl 98% i.e. oleum)	0.01959
Item	Acid, nitric	0.01112
Item	Acid, pure terephthalic (pta)	0.09700
Item	Ammonia gas	0.00787
Item	Ammonia liquid	0.02898
Item	Ammonium phosphate	0.04414
Item	Calcium carbonate	0.00486
Item	Carbon / carbon black	0.02012
Item	Carbon activated	0.01492
Item	Carbon dioxide solid	0.09405
Item	Carbon, electro paste	0.01351
Item	Catalyst, chemical	0.10423
Item	Caustic soda (sodium hydroxide)	0.07278
Item	Chemical elements n.e.c.; inorganic acids except phosphoric, nitric and sulphonitric; inorganic oxygen compounds of boron, silicon and carbon; halogen or sulphur compounds of non-metals; sodium hydroxide; hydroxide and peroxide of magnesium; oxides, n.e.c.	0.08115
Item	Hydrogen peroxide	0.00258
Item	Misc. inorganic compounds n.e.c.	0.02697
Item	Nitrogen, liquid	0.00158
Item	Oxygen liquid	0.00310
Item	Phosphoric acid	0.00166
Item	Polymers-others	0.01563
Item	Soda ash / washing soda	0.05928
Item	Sodium silicate	0.00442
SUT Product Category	**ORGANIC CHEMICALS**	**1.80317**
Item	Abs resin	0.02560
Item	Acid, fatty	0.02728
Item	Amines	0.03451
Item	Aniline (incl. pna, ona, ocpna)	0.01688
Item	Butyl rubber, synthetic	0.00922
Item	Chips nylon	0.02780
Item	Dodecyl benzene, linear alkyl benzene, lab	0.02344
Item	Ethyl acetate	0.03087
Item	Ethyl alcohol and other spirits, denatured, of any strength n.e.c.	0.04621
Item	Ethyl alcohol	0.05239
Item	Ethylene oxide, EO	0.00505
Item	Expandable polystyrene, eps	0.00907

Commodity Level	Commodity Name	Commodity Weight
Item	Fatty alcohol	0.02268
Item	Formaldehyde	0.06306
Item	High density polyethylene, hdpe	0.19405
Item	Low density polyethylene, ldpe	0.12298
Item	Menthol	0.02231
Item	Methyl isothiocyanate	0.00626
Item	Monoethylene glycol, meg	0.04949
Item	Nylon 6, nylon - 6,6, Caprolactum	0.02203
Item	Phenol or phenol extract	0.03934
Item	Phthalic anhydride, pan	0.03456
Item	Plastic/polythene granules	0.05779
Item	Plasticizer	0.01855
Item	Polyacetal resin	0.02131
Item	Polyacetals, other polyether's and epoxide resins, in primary forms; polycarbonates, alkyd resins, polyallelic esters and other polyesters, in primary forms n.e.c.	0.06836
Item	Polyethylene terephthalate, pet	0.13317
Item	Polyethylene	0.02814
Item	Polymers of styrene, n.e.c.	0.04540
Item	Polymers of vinyl chloride or other halogenated olefins, in primary forms, pvc, pvc compound, pvc sheet, n.e.c.	0.17614
Item	Polypropylene incl. co-polymer	0.13436
Item	Polystyrene, PS, Thermocol	0.00578
Item	Polytetrafluorethylene, Teflon, ptfe	0.02835
Item	Purified terephthalic acid, pta	0.20073
Item	Vinyl acetate, ethyl vinyl acetate	0.00001
SUT Product Category	**FERTILIZERS**	**1.01660**
Item	Ammonium nitrate	0.02434
Item	Ammonium sulphate	0.01595
Item	Diammonium hydrogen orthophosphate (diammonium phosphate) n.e.c.	0.07909
Item	Fertilizers containing three nutrients: nitrogen, phosphorus and potassium	0.18121
Item	Fertilizers containing two nutrients: nitrogen and phosphorus	0.02689
Item	Other mineral or chemical fertilizers containing at least two nutrients (nitrogen, phosphate, potash), n.e.c.	0.01744
Item	Other nitrogenous fertilizers and mixtures, n.e.c.	0.00992
Item	Superphosphate n.e.c.	0.01273
Item	Urea	0.64903
SUT Product Category	**PESTICIDES**	**0.37343**
Item	2,4-dichlorophenoxy acetic acid, 2, 4-d	0.00281
Item	Agro chemical formulation others	0.08891
Item	Hazardous pesticides	0.12385

Commodity Level	Commodity Name	Commodity Weight
Item	Herbicides, anti-sprouting products and plant-growth regulators, n.e.c.	0.02297
Item	Insecticides n.e.c.	0.03166
Item	Mosquito repellent liquid	0.00881
Item	Other insecticides, fungicides, herbicides and disinfectants, n.e.c.	0.09442
SUT Product Category	**PAINTS, VARNISHES AND LACQUERS**	**0.76978**
Item	Acid direct dyes	0.03685
Item	Colour, chemicals	0.01913
Item	Dye intermediates, others	0.07731
Item	Dye, pigment	0.04704
Item	Dye, basic dyes	0.01784
Item	Ink printing	0.05204
Item	Paint	0.12777
Item	Paints and varnishes and related products, n.e.c.	0.07844
Item	Paints epoxy, epoxy powder and liquid	0.05723
Item	Paints, enamels	0.08710
Item	Paints, plastic emulsion	0.05365
Item	Pigment colour	0.06132
Item	Pigment, organic	0.01364
Item	Powder coating materials	0.01783
Item	Thinner	0.01359
Item	Varnish (all types)	0.00900
SUT Product Category	**SOAPS, COSMETICS AND GLYCERIN**	**0.81155**
Item	Agarbati	0.03310
Item	Aromatic chemicals	0.07399
Item	Cosmetics & perfumes, n.e.c.	0.08247
Item	Detergent cake	0.04094
Item	Detergent powder	0.12869
Item	Detergents and washing preparations n.e.c.	0.04298
Item	Face cream excl. cold cream	0.02075
Item	Hair oil	0.08572
Item	Organic surface-active agents, except soap	0.03263
Item	Perfume / scent	0.02000
Item	Perfumery products, others	0.02669
Item	Shampoo, hair	0.03825
Item	Soap bar washing	0.02485
Item	Soap compound	0.01852
Item	Soap liquid	0.01857
Item	Soap toilet (excl. baby soap)	0.09395
Item	Tooth paste, non-medicated	0.02945
SUT Product Category	**OTHER CHEMICALS AND CHEMICAL PRODUCTS**	**0.24386**
Item	Additives	0.02568
Item	Adhesive excl. gum	0.05164
Item	Blasting powder	0.05428

Commodity Level	Commodity Name	Commodity Weight
Item	Chemical & allied substance & products n.e.c.	0.06398
Item	Essential oils & flavours n.e.c.	0.02821
Item	Foundry chemical	0.00609
Item	Glues and gelatine, peptones and their derivatives, and related products; caseinates and other casein derivatives; albuminates and other albumin derivatives	0.01274
Item	Rdx powder	0.00009
Item	Safety fuse	0.00095
Item	Tooth artificial	0.00020
Group	**(L). MANUFACTURE OF BASIC PHARMACEUTICALS, MEDICINAL CHEMICAL AND BOTANICAL PRODUCTS**	**1.92807**
SUT Product Category	**DRUGS AND MEDICINE**	**1.92807**
Item	Acetyl salicylic acid (aspirin), clopidogrel	0.00597
Item	Acyclovir, famiclovir (anti-varicella antivirals)	0.00350
Item	Ambroxol, bromhexine hcl etc mucolytic preparation	0.00358
Item	Amlodipine and other calcium channel blockers	0.00764
Item	Amoxicillin / ampicillin with /out cloxacillin	0.01577
Item	Antacid and digestive preparations	0.00839
Item	Anti-cancer prep. (etoposide, epirubicin, ifosfamide, methotrexate and other chemotherapy agents etc.)	0.00998
Item	Anti-inflammatory preparations (ketorolac trometh	0.01255
Item	Anti-malarial (chloroquine phosphate, quinine sulphate, primaquine)	0.00748
Item	Anti-malarial (sulphadoxine, pyrimethamine, artemisinin)	0.00259
Item	Antibiotics & preparations thereof, n.e.c.	0.14646
Item	Antidiabetic drugs excl. insulin (metformin, pioglitazone, glimepiride etc)	0.04379
Item	Antihistamine, antitussive (codeine etc.) prep.	0.01084
Item	Antioxidants	0.01018
Item	Anti-psychotic/sedative/hypnotic medicines n.e.c.	0.02313
Item	Antiseptic creams	0.00215
Item	Artificial limbs/ orthopaedic supportive	0.00001
Item	Atorvastatin, simvastatin and other statins.	0.01662
Item	Ayurvedic and Unani medicine, n.e.c.	0.04374
Item	Azithromycin	0.01036

Commodity Level	Commodity Name	Commodity Weight
Item	Bandage including adhesive gauze bandage	0.00392
Item	Beclomethasone / betamethasone topical steroids	0.00397
Item	Biochemic mixed medicines	0.01114
Item	Camphor	0.00465
Item	Castor oil, medicated	0.00282
Item	Scissors, forceps and other surgical tools	0.00131
Item	Cefotaxime / cepodoxime / ceftriaxone	0.00579
Item	Cefuroxime / cefixime/ cefoxitin	0.01326
Item	Cephalosporins & preparations thereof, n.e.c.	0.01694
Item	Ciprofloxacin	0.00693
Item	Condoms	0.00448
Item	Contraceptive tablets	0.00503
Item	Cotton wool (medicinal)	0.00057
Item	Cremaffin / lactulose/ Isabgole prep. (laxatives)	0.01660
Item	Dental cement and other dental filings	0.00018
Item	Diclofenac sodium, paracetamol comp pain killers	0.04218
Item	Different eye drops (anti biotic, anti-allergic etc.)	0.00527
Item	Erythromycin	0.00412
Item	Fexophenadine hcl /chlorpheniramine maleate, cetirizine anti allergic	0.00827
Item	First aid box	0.00003
Item	Fluconazole	0.00362
Item	Gabapentine	0.00337
Item	Heparin	0.00685
Item	Human gamma globulins / immunoglobulins	0.00442
Item	Hydrocortisone, its salt and derivatives	0.00444
Item	Insulin, human insulin	0.00481
Item	Intravenous fluids for drip	0.00825
Item	Lisinopril / ramipril/enalapril maleate a.c.e. inhibitor	0.00524
Item	Losartan potassium / telmisartan etc. for hypertension	0.01542
Item	Medicaments & preparations, n.e.c.	0.20432
Item	Medicaments, for therapeutic or prophylactic uses n.e.c.	0.14945
Item	Medicated tapes (band aid etc.)	0.00053
Item	Merbromin n.f.xii (mercurochrome)	0.00013
Item	Miconazole / clotrimazole / ketoconazole etc anti-fungal	0.01242
Item	Multi-vitamin	0.03848

Commodity Level	Commodity Name	Commodity Weight
Item	HIV treatment antiretrovirals (nevirapine, zidovudine, stavudine, lamivudine, AZT, didanosin, indinavir etc.)	0.01889
Item	Nifedipine/metoprolol anti-hypertensive	0.00939
Item	Nimesulide pain killer and antipyretic	0.01177
Item	Oil, ayurvedic	0.00483
Item	Ointments, allopathic	0.01903
Item	Omeprazole, esomeprazole, lansoprazole, pantoprazole, rabeprazole etc. (p.p.i)	0.02053
Item	Other articles for medical or surgical purposes n.e.c.	0.00742
Item	Other pharmaceutical products n.e.c.	0.56111
Item	Other vitamins in tablet or injectable form	0.04209
Item	Pacemaker/ valve for cardiac corrections	0.00253
Item	Paracetamol with/out ibuprofen, aceclophenac (n s a i d)	0.03725
Item	Paste / churan/Bhasma/powder ayurvedic	0.01354
Item	Plaster of Paris (surgical)	0.00039
Item	Povidone iodine (plasdone) liquid/ointment dressing agent.	0.00194
Item	Powder, ayurvedic	0.00626
Item	Prazosin/terazosin/indapamide anti-hypertensive	0.00676
Item	Pregabalin	0.00467
Item	Salaine (in different percentages) for IV drips	0.00247
Item	Salicylic acid and its salts and esters	0.01236
Item	Sodium valporate, phenytoin sodium, clonazepam etc. anti-convulsive	0.00355
Item	Stents	0.00226
Item	Sterilised cotton buds	0.00007
Item	Steroid / bronchodilator inhalers and other agents for nebulizer	0.02300
Item	Sulpha drug & preparations	0.00603
Item	Theophylin, salbutamol & bronchodilators, anti-asthma prep.	0.01859
Item	Vaccine for measles, mumps & rubella (MMR)	0.00973
Item	Vaccine for polio	0.00239
Item	Vaccine for veterinary medicine	0.01323
Item	Vaccine, others & other microbial culture n.e.c.	0.05758
Item	X-ray machine and its parts	0.00447
Group	**(M). MANUFACTURE OF RUBBER AND PLASTICS PRODUCTS**	**2.57252**
SUT Product Category	**RUBBER PRODUCTS**	**0.73623**
Item	Automobile rubber components n.e.c.	0.03264

Commodity Level	Commodity Name	Commodity Weight
Item	Conveyor or transmission belts or belting, of vulcanized rubber n.e.c.	0.01327
Item	Crumb rubber	0.00526
Item	Elastic webbing	0.00178
Item	Flaps rubber	0.00764
Item	Fuel hose & pipes auto	0.00673
Item	Gasket kit	0.00098
Item	Mattress foam and rubber	0.01204
Item	Moulded goods rubber	0.00852
Item	New pneumatic tyres, of rubber, of a kind used on motor cars n.e.c.	0.11784
Item	Other inner tubes, solid or cushion tyres, interchangeable tyre treads and tyre flaps, of rubber, n.e.c.	0.00914
Item	Plugs / stoppers rubber	0.00655
Item	Reclaimed rubber	0.01019
Item	Rubber chemicals	0.00444
Item	Rubber cloth/sheet	0.00456
Item	Rubber processed	0.00964
Item	Rubber tread	0.00520
Item	Seals and gaskets	0.00563
Item	Sports goods rubber	0.00583
Item	Transmission belt rubber	0.00683
Item	Tube cycle/rickshaw rubber	0.00417
Item	Tube motor, rubber	0.00923
Item	Tube rubber others excl. use in tyre	0.00399
Item	Tube scooter rubber	0.00604
Item	Tubes, pipes and hoses of vulcanized rubber other than hard rubber n.e.c.	0.01958
Item	Tyre cycle/cycle rickshaw	0.00788
Item	Tyre scooter/ motor cycle	0.04571
Item	Tyre tractor	0.04898
Item	Tyre(bus)	0.02407
Item	Tyre(car)	0.08252
Item	Tyre(truck)	0.09232
Item	Tyre, cab/car	0.03487
Item	Tyre/tubes, other	0.06493
Item	V belt	0.00878
Item	Washer & bushes rubber	0.00777
Item	Xlpe compound	0.00068
SUT Product Category	**PLASTIC PRODUCTS**	**1.83629**
Item	Articles parts of plastic pvc n.e.c.	0.08615
Item	Bag hdpe	0.01597
Item	Bag plastic	0.02411
Item	Bottles plastic	0.08369
Item	Button plastic	0.00136
Item	Capsules plastic	0.00009
Item	Cloth pvc	0.00601

Commodity Level	Commodity Name	Commodity Weight
Item	Components plastic	0.08278
Item	Container hdpe	0.03641
Item	Container plastic	0.08810
Item	Covers plastic	0.02577
Item	Disposable syringe plastic	0.00890
Item	Film ldpe	0.01712
Item	Film plastic	0.04927
Item	Film polyester (metalized)	0.01419
Item	Film polyester (non-metalized)	0.05197
Item	Film polypropylene	0.03527
Item	Film polythene	0.05631
Item	Film pvc	0.04069
Item	Flexible pouches plastic	0.05721
Item	Gloves plastic	0.00001
Item	Helmet safety	0.00626
Item	Hose pipe / pipe set	0.01594
Item	Lamination pvc	0.01660
Item	Other articles for the conveyance or packing of goods, of plastics; stoppers, lids, caps and other closures, of plastics n.e.c.	0.03962
Item	Plastic bag	0.04637
Item	Plastic furniture	0.00811
Item	Plates, sheets, film, foil and strip, of plastics, not self-adhesive, non-cellular and not reinforced, laminated, supported or similarly combined with other materials, n.e.c.	0.10607
Item	Pvc pipe flexible	0.03527
Item	Pvc pipe normal	0.08821
Item	Rolls hdpe	0.01535
Item	Rolls polythene	0.01659
Item	Sacks and bags, of plastics n.e.c.	0.16245
Item	Sacks hdpe woven	0.05177
Item	Self-adhesive plates, sheets, film, foil, tape, strip and other flat shapes, of plastics n.e.c.	0.02815
Item	Sheet acrylic / plastic	0.04373
Item	Sheet laminated plastic	0.01567
Item	Sheet packing plastic	0.01773
Item	Sheet polypropylene	0.02014
Item	Sticker's plastics	0.00438
Item	Suitcases plastic (pvc)	0.01799
Item	Tableware, kitchenware, other household articles and toilet articles, of plastics n.e.c.	0.04400
Item	Tank plastic	0.03429
Item	Tape plastic	0.00059
Item	Tarpaulin plastic	0.02228
Item	Tubes, pipes and hoses, and fittings therefor, of plastics n.e.c.	0.15867

Commodity Level	Commodity Name	Commodity Weight
Item	Wires pvc coated	0.03868
Group	**(N). MANUFACTURE OF OTHER NON-METALLIC MINERAL PRODUCTS**	**2.50437**
SUT Product Category	**CEMENT**	**1.45826**
Item	Asbestos, corrugated sheet	0.02812
Item	Cement, white	0.01077
Item	Cement block (concrete)	0.03101
Item	Cement clinkers	0.16138
Item	Cement, others products	0.04105
Item	Cement, Portland	0.87792
Item	Cement, pozzolana	0.09022
Item	Cement, slag	0.03221
Item	Cement, super fine	0.00431
Item	Non-refractory mortars and concretes n.e.c.	0.03180
Item	Other articles of cement, concrete or artificial stone, n.e.c.	0.03637
Item	Poles & posts (concrete) concrete products	0.00816
Item	Portland cement, aluminous cement, slag cement and similar hydraulic cements, except in the form of clinkers n.e.c.	0.07193
Item	Semi corrugated sheet	0.03301
SUT Product Category	**NON-METALLIC MINERAL PRODUCTS**	**1.04611**
Item	Bangles glass	0.00911
Item	Blank glass	0.02621
Item	Bottles, jars, phials and other containers, of glass, of a kind used for the conveyance or packing of goods, except ampoules; stoppers, lids and other closures, of glass n.e.c.	0.00902
Item	Bricks & tiles (non-ceramic)	0.05014
Item	Bricks (non-insulated)	0.00383
Item	Ceramic sinks, baths, water closet pans, flushing cisterns and similar sanitary fixtures n.e.c.	0.05256
Item	Ceramic tiles	0.35668
Item	Fibre glass sheet/board	0.00365
Item	Fibre glass	0.00336
Item	Float glass and surface ground or polished glass, in sheets n.e.c.	0.04221
Item	Glass bottles	0.11430
Item	Glass components	0.01263
Item	Glass in sheets, bent, edge-worked, engraved, drilled, enamelled or otherwise worked, but not framed, etc	0.01329
Item	Mirror for vehicle	0.00707
Item	Non-refractory ceramic pipes, conduits, guttering and pipe fittings	0.08832
Item	Porcelain basins	0.00067

Commodity Level	Commodity Name	Commodity Weight
Item	Porcelain cups & saucers	0.00257
Item	Porcelain sanitary ware others	0.00187
Item	Porcelain sinks	0.00269
Item	Refractory bricks, blocks, tiles and similar refractory ceramic constructional goods, other than those of siliceous earths n.e.c.	0.07215
Item	Refractory cements, mortars, concretes and similar compositions n.e.c.	0.07849
Item	Safety glass, toughened glass, laminated glass, wire mesh glass	0.05135
Item	Sheet glass	0.00998
Item	Sheet raw glass	0.00885
Item	Slivers, roving's, yarn and chopped strands, of glass n.e.c.	0.01464
Item	Vials/ampoules glass	0.01047
Group	**(O). MANUFACTURE OF BASIC METALS**	**7.46500**
SUT Product Category	**IRON AND STEEL FERRO ALLOYS**	**1.94177**
Item	Alloy pig iron	0.04303
Item	Alloy steel billets	0.14614
Item	Alloy steel in ingots or other primary forms and semi-finished products of alloy steel, n.e.c.	0.02548
Item	Ferro silico manganese/silico manganese	0.08895
Item	Ferro silicon	0.01644
Item	ferrochromium/ ferrochrome	0.04458
Item	Ferro-manganese	0.03094
Item	Ferrous products from direct reduction of iron ore	0.07643
Item	Ferrous products, n.e.c.	0.02427
Item	Forged blank of non-alloy steel	0.00669
Item	Granules of iron wire pellets	0.16241
Item	Ingots alloy steel	0.06698
Item	Ingots iron	0.07743
Item	Ingots of high carbon steel	0.02380
Item	Mild steel billets, blooms	0.49205
Item	Non alloy pig iron	0.03991
Item	Other ferro-alloys, n.e.c.	0.02883
Item	Pig iron and spiegeleisen in pigs, blocks or other primary forms, n.e.c.	0.07663
Item	Semi-finished products of iron and alloy steel, rectangular, other than square, cross section, forging quality	0.01833
Item	Semi-finished products of iron and non-alloy steel, rectangular, incl. square, cross section, seamless steel tube quality	0.05000

Commodity Level	Commodity Name	Commodity Weight
Item	Semi-finished products of iron and non-alloy steel, rectangular, other than square, cross section, forging quality	0.01587
Item	Sponge iron	0.38658
SUT Product Category	**IRON AND STEEL CASTING AND FORGING**	**2.11647**
Item	Bars and rods of high-speed steel and silico-manganese steel; hollow drill bars and rods of steel, n.e.c.	0.04823
Item	Bars and rods, cold-formed or cold-finished, of alloy steel (except bars or rods of high-speed steel or silico-manganese steel)	0.06498
Item	Bars and rods, cold-formed, cold-finished or further worked, of iron or non-alloy steel	0.14547
Item	Blanks of tubes and pipes of non-alloy steel	0.01291
Item	Casing of iron	0.04973
Item	Coated stainless steel sheet	0.13641
Item	Coils, hot rolled	0.74455
Item	Flat-rolled products of high-speed steel of a width of less than 600 mm, not further worked than hot- or cold-rolled	0.00102
Item	High pressure hydroelectric conduits of steel, erw precision tube	0.01854
Item	Other tubes and pipes, of circular cross-section, seamless	0.03068
Item	Plates, hot rolled	0.11981
Item	Sheets, hot rolled	0.17753
Item	Steel coated with aluminium	0.01140
Item	Steel coated with zinc	0.10600
Item	Steel wire rod	0.12054
Item	Tubes and pipes, of non-circular cross-section and hollow profiles, seamless, of steel, n.e.c.	0.05749
Item	Tubes, pipes of stainless steel	0.10092
Item	Wire of alloy steel, n.e.c.	0.06583
Item	Wire of iron or non-alloy steel, n.e.c.	0.04860
Item	Wire, stainless steel, electrode quality	0.05583
SUT Product Category	**IRON AND STEEL FOUNDRIES**	**1.83508**
Item	Angles, shapes and sections, not further worked than hot-rolled, hot-drawn or extruded, of iron or non-alloy steel, n.e.c.	0.06039
Item	Angles, shapes sections of flat rolled products	0.05635
Item	Angles, shapes, sections forged	0.00412
Item	Bars and rods of alloy steel forged	0.20130
Item	Bars and rods of alloy steel, not further worked than forged, hot-rolled, hot-drawn	0.08421

Commodity Level	Commodity Name	Commodity Weight
	or extruded (except bars or rods of high-speed steel or silico-manganese steel), n.e.c.	
Item	Bars and rods, hot-rolled, in irregularly wound coils, of alloy steel	0.07099
Item	Bars and rods, hot-rolled, in irregularly wound coils, of iron or non-alloy steel, n.e.c.	0.37762
Item	Circular cross sections, electrode quality	0.00009
Item	Cold finished/formed of flat rolled products	0.03901
Item	Cr sheet alloy steel	0.10834
Item	Flat-rolled products of non-alloy steel, not further worked than cold-rolled, of a width of600 mm or more, n.e.c.	0.04076
Item	Forged bars, rods, spring steel quality	0.06060
Item	Mild steel bright bar, rectangular cross section	0.10931
Item	Other bars and rods of iron or non-alloy steel, not further worked than forged, hot-rolled, hot-drawn or extruded, but including those twisted after rolling, n.e.c.	0.12336
Item	Rails for railways	0.04774
Item	Sheets, hot rolled l.t 600 mm.	0.05780
Item	Strip, hot rolled	0.05560
Item	Tube or pipe fittings, of cast-iron or of cast-steel, n.e.c.	0.05107
Item	Tube or pipe fittings, of steel other than cast-steel	0.01224
Item	Tubes, pipes and hollow profiles of cast-iron; tubes and pipes of centrifugally cast-steel	0.12078
Item	Universal plates of alloy steel or heat resisting steel and chromium type	0.00043
Item	Universal plates, hot rolled l.t 600 mm	0.15297
SUT Product Category	**NON-FERROUS BASIC METALS (INCLUDING ALLOYS)**	**1.57168**
Item	Alumina, aluminium oxide	0.08096
Item	Aluminium bars and rods other than wire rods	0.02107
Item	Aluminium billets	0.07558
Item	Aluminium circles alloyed	0.00445
Item	Aluminium foil for lining backed	0.00279
Item	Aluminium foil plain not backed	0.01161
Item	Aluminium foil printed not backed	0.00436
Item	Aluminium ingots	0.50509
Item	Aluminium not alloyed electrolytic plates, sheets	0.04505

Commodity Level	Commodity Name	Commodity Weight
Item	Aluminium powder of lamellar structure, flakes	0.00399
Item	Aluminium profiles hollow	0.02162
Item	Aluminium unwrought, n.e.c.	0.00137
Item	Aluminium wire bars	0.04784
Item	Bars, rods and profiles, of aluminium, n.e.c.	0.08599
Item	Bars, rods and profiles, of copper, n.e.c.	0.01636
Item	Brass coils	0.00960
Item	Brass tubes and pipes	0.03401
Item	Copper cathodes and sections of cathodes, refined	0.07724
Item	Copper wire bars, refined	0.21246
Item	Copper wire, n.e.c.	0.07543
Item	Copper zinc base alloys, brass	0.00177
Item	Foil, of aluminium, of a thickness not exceeding 0.2 mm, n.e.c.	0.00729
Item	Hard drawn bare aluminium conductors steel reinforced, a.c.s.r.	0.01736
Item	Lead & lead alloy worked n.e.c.	0.03385
Item	Refined lead	0.05125
Item	Zinc bars, rods, profiles and wire; zinc plates, sheets, strip and foil, n.e.c.	0.03265
Item	Zinc, not alloyed	0.09064
Group	**(P). MANUFACTURE OF FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT**	**3.15198**
SUT Product Category	**HAND TOOLS, HARDWARE**	**1.51792**
Item	Baths of cast iron sanitary fittings/parts	0.06774
Item	Bolts, screws, nuts, copper	0.01383
Item	Bolts, screws, nuts, iron /steel	0.23874
Item	Cable, aluminium	0.09439
Item	Cans, aluminium	0.02734
Item	Copper cables	0.07319
Item	Drilling threading or tapping tools	0.00343
Item	Drums, iron/steel or aluminium, of a capacity not exceeding 300 litres	0.01810
Item	Hand operated spanners and wrenches	0.01647
Item	Hand tools (including hand tools of a kind used in agriculture, horticulture or forestry, hand saws, files, pliers and metal cutting shears, hand-operated spanners, blow-lamps and clamps), n.e.c.	0.04857
Item	Hoops / strips iron / steel	0.01403
Item	Leaf spring for motor vehicles	0.05890
Item	Metal working hand tools	0.01602
Item	Nails, iron /steel	0.01678
Item	Non-stick utensils of aluminium	0.05314
Item	Pans of cast iron enamelled	0.05638

Commodity Level	Commodity Name	Commodity Weight
Item	Pressure cooker of aluminium	0.01718
Item	Razor, stainless steel	0.00041
Item	Razors and razor blades (including razor blade blanks in strips), n.e.c.	0.03502
Item	Rock drilling or earth boring tools	0.02328
Item	Screw hooks/ rings, iron /steel	0.01181
Item	Screw, bolts, nuts, rivets of iron/steel, copper, aluminium n.e.c.	0.10401
Item	Seals, metal others	0.04299
Item	Solar collector and parts thereof of aluminium	0.01578
Item	Spoons, forks, ladles, skimmers, cake-servers, fish-knives, butter-knives, sugar tongs and similar kitchen or table ware, n.e.c.	0.01990
Item	Spring & leaves for spring, iron/steel n.e.c.	0.01940
Item	Stoppers, caps and lids (including crown corks), capsules for bottles, threaded bungs, bungcovers, seals and other packing accessories, of base metal, n.e.c.	0.01935
Item	Stranded wire, copper	0.01493
Item	Tanks, casks, drums, cans, boxes and similar containers (other than for compressed or liquefied gas) of iron, steel or aluminium, of a capacity not exceeding 300 litres, not fitted with mechanical or thermal equipment, n.e.c.	0.01884
Item	Tin plated container of iron and steel	0.04560
Item	Tools for pressing, stamping, punching	0.04569
Item	Utensils of iron (other than cast iron) or steel, enamelled	0.14000
Item	Wire cloth, wire mesh of iron/steel	0.01878
Item	Wire ropes galvanised iron and steel	0.10790
SUT Product Category	**MISCELLANEOUS METAL PRODUCTS**	**1.63406**
Item	Armoured or reinforced safes, strong-boxes and doors and safe deposit lockers for strong- rooms, cash or deed boxes and the like, of base metal, n.e.c.	0.03084
Item	Auxiliary plant for use with boilers; condensers for steam or other vapour power units, n.e.c.	0.05418
Item	Auxiliary plant for use with boilers	0.00829
Item	Beams, channels, pillars and girders for structures iron and steel	0.14389
Item	Boxes, base metal	0.02626
Item	Bridges, bridge sections, towers and lattice masts, of iron or steel, n.e.c.	0.03928

Commodity Level	Commodity Name	Commodity Weight
Item	Chain (except articulated link chain) and parts thereof, of iron or steel; chain and parts thereof, of copper, n.e.c.	0.00451
Item	Chain sprockets	0.01547
Item	Coated electrode of base metal for electric arc welding	0.03497
Item	Containers for compressed or liquefied gas, of iron, steel or aluminium, n.e.c.	0.02368
Item	Doors, windows and their frames and thresholds for doors, of iron, steel or aluminium, n.e.c.	0.04611
Item	Doors, windows and their frames and thresholds for doors, of iron, steel	0.02355
Item	Equipment for scaffolding, shuttering	0.02584
Item	Hat racks, hat pegs, brackets and similar fixtures of base metal	0.00853
Item	High pressure cylinders of iron and steel	0.01920
Item	Liquefied petroleum gas (LPG) cylinders of iron and steel	0.04375
Item	Locks used in motor vehicles	0.03317
Item	Metal goods n.e.c.	0.03696
Item	Other structures (except prefabricated buildings) and parts of structures, of iron, steel or aluminium; plates, rods, angles, shapes, sections, profiles, tubes and the like, prepared for use in structures, of iron, steel or aluminium; props, n.e.c.	0.20582
Item	Padlocks and locks, of base metal; clasps and frames with clasps, incorporating locks, of base metal; keys and parts thereof, of base metal; base metal fittings for furniture, doors, saddlery and the like, n.e.c.	0.06069
Item	Plates, rods, profiles, tubes and similar articles of iron and steel used in structure	0.08214
Item	Pressure vessels	0.09000
Item	Reservoirs, tanks, vats and similar containers (other than for compressed or liquefied gas), of iron, steel or aluminium, of a capacity exceeding 300 litres, not fitted with mechanical or thermal equipment, n.e.c.	0.04638
Item	Rod, wire, graphite	0.00013
Item	Safety vault/ locker	0.03884
Item	Steam or other vapour generating boilers (other than central heating hot water boilers capable also of producing low pressure steam); super-heated water boilers, n.e.c.	0.03344

Commodity Level	Commodity Name	Commodity Weight
Item	Towers for transmission lines of iron and steel	0.12654
Item	Tubular steel poles for electric transmission, distribution	0.01441
Item	Wire and rod of agglomerated base metal	0.31719
Group	**(Q). MANUFACTURE OF COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS**	**1.77480**
SUT Product Category	**COMMUNICATION EQUIPMENT**	**0.14311**
Item	Microphones and stands therefor; loudspeakers; headphones, earphones and combined microphone/speaker set; audio-frequency electric amplifiers; electric sound amplifier sets, n.e.c.	0.02015
Item	Radio broadcast receivers not capable of operating without an external source of power, of a kind used in motor vehicles	0.01160
Item	T.V. set (colour)	0.11136
SUT Product Category	**ELECTRONIC EQUIPMENT INCLUDING T.V.**	**1.27975**
Item	Computer (p.c.)	0.02493
Item	Computer peripherals	0.00270
Item	Hand set, telephone	0.07386
Item	Keyboard	0.00075
Item	Laptop	0.01141
Item	Memory (ram/rom)	0.00099
Item	Other telephone sets and apparatus for transmission or reception of voice, images or other data, including apparatus for communication in a wired or wireless network (such as a local or wide area network)	0.21477
Item	Parts and accessories for the goods of subclasses 45141, 45142 and 45160 (except covers, carrying cases and the like)	0.00938
Item	Point-of-sale terminals, ATMs and similar machines	0.01389
Item	Telephone sets, including telephones for cellular networks or for other wireless networks; other apparatus for the transmission or reception of voice, images or other data, including apparatus for communication in a wired or wireless network, n.e.c.	0.43742
Item	Telephones for cellular networks or for other wireless networks	0.47393
Item	Transmission apparatus incorporating reception apparatus, n.e.c.	0.00694

Commodity Level	Commodity Name	Commodity Weight
Item	Transmission apparatus not incorporating reception apparatus	0.00878
SUT Product Category	**MEDICAL PRECISION, OPTICAL INSTRUMENT**	**0.32416**
Item	Apparatus based on the use of x-rays or of alpha, beta or gamma radiations	0.00136
Item	Automatic regulating or controlling instruments and apparatus, hydraulic or pneumatic, n.e.c.	0.02305
Item	Electro-diagnostic apparatus, used in medical, surgical, dental or veterinary sciences	0.00484
Item	Gas meter	0.00059
Item	Hydraulic equipment	0.01408
Item	Hydraulic pneumatic equipment	0.01154
Item	Hydrometers and similar floating instruments, thermometers, pyrometers, barometers, hygrometers and psychrometers	0.00858
Item	Indicator	0.00052
Item	Instruments and apparatus for measuring or checking the flow, level, pressure or other variables of liquids or gases, except navigational, hydrological or meteorological instruments and appliances, gas or liquid supply meters and automatic regulating	0.01200
Item	Killo watt meter (ac/dc)	0.00122
Item	Laminated safety glass	0.00203
Item	Lens, intraocular	0.00507
Item	Lens, ophthalmic	0.00624
Item	Lens, others	0.00455
Item	Lens, contact	0.00427
Item	Liquid crystal devices n.e.c.	0.02636
Item	Measuring, checking, regulating or controlling instruments, appliances and machines n.e.c.	0.02213
Item	Medical, surgical or laboratory sterilizers	0.00663
Item	Meter, electric -others	0.03130
Item	Microscope	0.00071
Item	Objective lenses for cameras, projectors or photographic enlargers or reducers	0.00014
Item	Optical components	0.00193
Item	Orthopaedic appliances; splints and other fracture appliances; artificial parts of the body	0.01033
Item	Other instruments and appliances used in medical, surgical or veterinary sciences	0.08333

Commodity Level	Commodity Name	Commodity Weight
	(including syringes, needles, catheters, cannula, ophthalmic instruments and appliances n.e.c. and electro-medical apparatus n.e.c.), n.e.c.	
Item	Pharmaceutical machine. others	0.01181
Item	Revolution counters, production counters, taximeters, mileometers, pedometers and the like; speed indicators and tachometers, except hydrographic and meteorological instruments; stroboscopes, n.e.c.	0.01621
Item	Spectacles, goggles and the like, corrective, protective or other, n.e.c.	0.00051
Item	Strip packing machine	0.00066
Item	Variable area flow meter	0.00242
Item	X ray tube	0.00975
SUT Product Category	**WATCHES AND CLOCKS**	**0.02778**
Item	Other watch or clock parts (including jewels, cases and metal watch bands), n.e.c.	0.00675
Item	Watch, automatic	0.01563
Item	Watch, quartz	0.00152
Item	Watch, scientific/mechanical	0.00388
Group	**(R). MANUFACTURE OF ELECTRICAL EQUIPMENT**	**3.81453**
SUT Product Category	**ELECTRICAL INDUSTRIAL MACHINERY**	**1.18549**
Item	Air conditioner-motor vehicles	0.00959
Item	Air conditioner-split	0.08405
Item	Air conditioner-window/wall	0.02428
Item	Air conditioning machines, n.e.c.	0.03460
Item	Air conditioning plants	0.00270
Item	Air cooling unit	0.00836
Item	Air filters	0.01020
Item	Air or vacuum pumps; air or other gas compressors, n.e.c.	0.03261
Item	Axial flow and mixed flow vertical pump for water	0.02138
Item	Calendaring or other rolling machines, except for metals or glass	0.03007
Item	Centrifugal air compressors	0.01285
Item	Centrifugal pumps for handling water	0.07084
Item	Chillers	0.00688
Item	Comp. ignition internal combustion piston engines, other than for motor vehicles and aircraft, n.e.c.	0.01528
Item	Compressors used in refrigerator	0.00476
Item	Concrete pump	0.00693
Item	Filtering or purifying machinery and apparatus, etc., n.e.c.	0.03136

Commodity Level	Commodity Name	Commodity Weight
Item	Fire extinguishers; etc., n.e.c.	0.01043
Item	Fuel injection equipment excl injection pumps for other than spark ignition piston engines	0.01040
Item	Industrial fan	0.00887
Item	Injection pumps for diesel engines	0.00186
Item	Internal combustion piston engines, other than for motor vehicles and aircraft	0.04707
Item	Linear acting (cylinders) hydraulic and pneumatic power engines and motors, n.e.c.	0.01747
Item	Machinery parts, non-electrical n.e.c.	0.02719
Item	Motor car engine exceed. 1000 cc	0.30591
Item	Motor cycle engine not exceed. 250 cc	0.06353
Item	Oil filters, petrol filters and air intake filters for internal combustion engines	0.00799
Item	Other heavy vehicles engine exceeds 1000 cc	0.01936
Item	Other hydraulic and pneumatic power engines and motors, n.e.c.	0.01528
Item	Other packing or wrapping machinery	0.00655
Item	Parts of centrifuges, including centrifugal dryers; parts of filtering or purifying machinery and apparatus for liquids or gases	0.00851
Item	Parts of producer gas or water gas generators; parts of acetylene gas generators and similar water process gas generators; parts for the goods of subclass 43912; parts of refrigerating and freezing equipment and heat pumps; parts of machinery for the tree	0.02023
Item	Piston assemblies for other than spark ignition piston engines	0.00272
Item	Piston assemblies for spark ignition piston engines	0.00340
Item	Piston rings for other than spark ignition piston engines	0.00193
Item	Piston rings for spark ignition piston engines	0.00954
Item	Pistons for other than spark ignition piston engines	0.00066
Item	Pistons for spark ignition piston engines	0.00407
Item	Pump sets without motor	0.00243
Item	Pumps for dispensing fuels	0.00674
Item	Pumps for liquids; liquid elevators, n.e.c.	0.01478
Item	Reciprocating air compressors	0.00638

Commodity Level	Commodity Name	Commodity Weight
Item	Refrigerating and freezing equipment and heat pumps, except household type equipment, n.e.c.	0.00640
Item	Refrigerators (commercial)	0.00668
Item	Spark-ignition reciprocating internal combustion piston engines, of a cylinder capacity not exceeding 1000 cc, n.e.c.	0.01449
Item	Steam turbines and other vapour turbines, n.e.c.	0.02109
Item	Turbo propellers	0.00568
Item	Valves, inlets, exhausts for other than spark ignition piston engines	0.00943
Item	Water pump	0.02846
Item	Weighing machinery (excluding balances of a sensitivity of 5 cg or better), n.e.c.	0.01461
Item	Wind turbine or engine	0.04861
SUT Product Category	**ELECTRICAL CABLES, WIRES**	**0.48862**
Item	Cable, pvc insulated	0.25140
Item	Coaxial cable and other coaxial electric conductors, n.e.c.	0.01589
Item	Conductor, a.c.s.r.	0.02270
Item	Conductor, aluminium	0.01528
Item	Conductor, copper	0.00951
Item	Optical fibre cables made up of individually sheathed fibres	0.06131
Item	Other insulated wiring wire, n.e.c.	0.05626
Item	Wiring harness	0.05627
SUT Product Category	**BATTERIES**	**0.30590**
Item	Batteries	0.18783
Item	Battery dry cells	0.00598
Item	Battery pack	0.03241
Item	Battery terminals	0.00514
Item	Electric accumulators	0.04188
Item	Solar cell	0.03266
SUT Product Category	**ELECTRICAL APPLIANCES**	**0.97690**
Item	Carbon electrodes, carbon brushes, lamp carbons, battery carbons and other articles of graphite or other carbon of a kind used for electrical purposes; n.e.c.	0.04681
Item	Central heating boilers, for producing hot water or low-pressure steam	0.04742
Item	Electric insulating material	0.00944
Item	Electrical ignition or starting equipment of a kind used for internal combustion engines; generators and cut-outs of a kind used in conjunction with internal combustion engines; electrical lighting or signalling equipment	0.04794

Commodity Level	Commodity Name	Commodity Weight
Item	Fluorescent tubes	0.00258
Item	Insulators	0.00888
Item	Lamp, filaments	0.00953
Item	Lamp, head	0.13822
Item	Lamp, tail	0.02660
Item	Led bulb/tube	0.18927
Item	Light fitting accessories	0.03219
Item	Light fixtures	0.04285
Item	Multipurpose electric connector or socket and plugs	0.03067
Item	Other electric lamps and lighting fittings (including lamps and lighting fittings of a kind used for lighting public open spaces or thorough-fares), n.e.c.	0.12368
Item	Other electrical equipment n.e.c. (including electro-magnets; electro-magnetic couplings; clutches and brakes; electro-magnetic lifting heads; electrical particle accelerators; electrical signal generators and apparatus for electro-plating, electrolysis;	0.11450
Item	Parts for the goods of subclasses 46910, 46921 and 46929; electrical parts n.e.c. of machinery or apparatus	0.01639
Item	Parts of central heating boilers for producing hot water or low-pressure steam	0.07356
Item	Rotar/magneto Rotar assembly	0.00206
Item	Stoves, grates, braziers and similar non-electric domestic appliances (other than cooking appliances and plate warmers) of iron or steel, n.e.c.	0.00621
Item	Water purifier	0.00810
SUT Product Category	**OTHER ELECTRICAL MACHINERY**	**0.85762**
Item	A.C. motor	0.02751
Item	Boards, consoles, cabinets and other bases, equipped with electrical switching etc. apparatus, for electric control or the distribution of electricity, for a voltage exceeding 1000v	0.04696
Item	Boards, consoles, cabinets and other bases, equipped with electrical switching etc. apparatus, for electric control or the distribution of electricity, for a voltage not exceeding 1000 v	0.06874
Item	Capacitor, metalized poly. film	0.01272
Item	Connectors for optical fibres, optical fibre bundles or cables	0.01539
Item	E.h.t. (extra high-tension transformer)	0.02894

Commodity Level	Commodity Name	Commodity Weight
Item	Electric generating sets and rotary converters	0.04255
Item	Electrical apparatus for switching or protecting electrical circuits, for making connexions to or in electrical circuits, for a voltage not exceeding 1000 v, n.e.c.	0.04926
Item	Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits, for a voltage exceeding 1000 v	0.06243
Item	Electrical capacitors, n.e.c.	0.01083
Item	Electrical resistors (except heating resistors)	0.00471
Item	Electrical transformers, n.e.c.	0.15855
Item	Electronic integrated circuits	0.03299
Item	Electronic p c b /micro circuit	0.03944
Item	Electronic valve / tube / components, n.e.c.	0.01094
Item	Motors of an output not exceeding 37.5 w; other dc motors; dc generators	0.00707
Item	Parts of electric motors, generators and the like	0.04559
Item	Parts of electricity distribution or control apparatus	0.07842
Item	Printed circuits; n.e.c.	0.02837
Item	Universal ac/dc motors of an output exceeding 37.5 w; other ac motors; ac generators(alternators); n.e.c.	0.06198
Item	Ups	0.02423
Group	**(S). MANUFACTURE OF MACHINERY AND EQUIPMENT N.E.C.**	**2.46158**
SUT Product Category	**TRACTORS AND OTHER AGRICULTURAL IMPLEMENTS**	**0.44134**
Item	Agriculture implements, n.e.c.	0.02513
Item	Combine harvester, threshers	0.01891
Item	Dairy machinery	0.00421
Item	Harrows, scarifies, cultivators, weeders and hoes, n.e.c.	0.00803
Item	Mechanical appliances for projecting, dispersing or spraying liquids or powders for agriculture or horticulture like spray guns for agriculture etc.	0.00679
Item	Other agricultural machinery, n.e.c.	0.00811
Item	Other agricultural tractors	0.33793
Item	Parts of agricultural machinery	0.01620
Item	Presses, crushers and similar machinery used in the manufacture of wine, cider, fruit juices or similar beverages.	0.01603
SUT Product Category	**INDUSTRIAL MACHINERY FOR FOOD AND TEXTILE INDUSTRY**	**0.19985**

Commodity Level	Commodity Name	Commodity Weight
Item	Auxiliary machinery for use with machines for textile extruding, preparing, spinning, weaving, knitting or the like	0.04034
Item	Bombs, grenades, torpedoes, mines, missiles and similar munitions of war and parts thereof; cartridges and other ammunition and projectiles and parts thereof, including shot and cartridge wads, n.e.c.	0.00718
Item	Ingot moulds	0.00431
Item	Machinery n.e.c. for the industrial preparation or manufacture of food or drink (including fats or oils), n.e.c.	0.00976
Item	Machines for extruding, etc., n.e.c.	0.02716
Item	Metal rolling mills machine	0.00395
Item	Other machinery for textile and apparel production n.e.c.	0.02283
Item	Parts for the goods of class 4461; etc, n.e.c.	0.00920
Item	Parts of military weapons and other arms, n.e.c.	0.00390
Item	Rice mill machinery	0.00764
Item	Sewing machines, except book sewing machines and household sewing machines	0.00116
Item	Sugar machinery	0.06224
Item	Swords, cutlasses, bayonets, lances and similar arms and parts thereof and scabbards and sheaths therefor	0.00018
SUT Product Category	**INDUSTRIAL MACHINERY (EXCEPT FOOD AND TEXTILE)**	**0.72757**
Item	Bookbinding machinery; machinery for type-setting and the like; printing machinery and machines for uses ancillary to printing (except office type sheet-fed offset printing machinery)	0.00757
Item	Concrete vibrator & mixture	0.01901
Item	Construction machine / equipment	0.04126
Item	Drilling machines	0.00418
Item	Drilling rigs	0.00768
Item	Dumpers designed for off-highway use	0.03087
Item	Earth moving machinery	0.19614
Item	Front-end shovel loaders, self-propelled	0.01616
Item	Machinery n.e.c. for working rubber or plastics or for the manufacture of products from these materials	0.04741
Item	Mechanical shovels, excavators and shovel loaders, except front-end shovel loaders and machinery with a 360-degree revolving superstructure; moving, grading, levelling,	0.07891

Commodity Level	Commodity Name	Commodity Weight
	scraping, excavating, tamping, compacting, extracting or boring machinery n.e.c.	
Item	Mechanical shovels, excavators and shovel loaders, self-propelled, with a 360-degreerevolving superstructure, except front-end shovel loaders	0.07617
Item	Mining/quarrying machines, n.e.c.	0.00368
Item	Moulding boxes for metal foundry; mould bases; moulding patterns; moulds for metal (except ingot moulds), metal carbides, glass, mineral materials, rubber or plastics	0.03960
Item	Paper machinery, others	0.01880
Item	Parts n.e.c. of boring or sinking machinery and of derricks, cranes, mobile lifting frames, straddle carriers and works trucks fitted with a crane; parts n.e.c. of moving, grading, levelling, scraping, excavating, tamping, compacting, extracting or borin	0.02790
Item	Printer, all kinds	0.00754
Item	Special-purpose machinery n.e.c. (including machinery for isotopic separation, machines for assembling electric lamps in glass envelopes, machines for manufacturing glassware and rope making machines)	0.10084
Item	Tamping machines and road rollers, self-propelled	0.00385
SUT Product Category	**MACHINE TOOLS**	**0.86979**
Item	Automatic multi spindle chucking lathe	0.00052
Item	Bearing, etc. n.e.c.	0.07808
Item	Bearings, gear, shaft, n.e.c.	0.05474
Item	Buckets, shovels, grabs and grips for cranes, excavators and the like	0.02416
Item	Centre lathes	0.00018
Item	Clutch plate	0.00893
Item	Clutches and shaft couplings	0.01141
Item	Conveyors belt	0.00502
Item	Cranks shafts for engines	0.04724
Item	Cylindrical roller bearings radial type	0.00684
Item	Deep hole drilling machine	0.00871
Item	Derricks; cranes; mobile lifting frames, straddle carriers and works trucks fitted with a crane, n.e.c.	0.00613
Item	Electrical machinery & apparatus for welding	0.00471
Item	Fly wheels	0.01564
Item	Forging, die stamping machines incl. presses and hammers	0.00958

Commodity Level	Commodity Name	Commodity Weight
Item	Fork-lift trucks; other works trucks whether or not fitted with lifting or handling equipment; tractors of the type used on railway station platforms	0.01220
Item	Furnaces, ovens for roasting, melting, other heat treatment of ores, pyrites or of metals	0.03001
Item	Gears, gearings, gear boxes, other than motor vehicles	0.10952
Item	Grinder, tool cutter machines	0.01287
Item	Grinding, sanding or polishing machine	0.00296
Item	Horizontal lathes numerically controlled	0.01636
Item	Horizontal machining centres	0.00274
Item	Lifts	0.09061
Item	Machine for working metal, n.e.c.	0.02574
Item	Machine tools for electro chemical machines	0.00318
Item	Machine-tools for deburring, sharpening, grinding, honing, lapping, polishing or otherwise finishing metal, sintered metal carbides or ceramets by means of grinding stones, abrasives or polishing products; n.e.c.	0.02255
Item	Machine-tools for drilling, boring or milling metal, n.e.c.	0.01997
Item	Machine-tools for working metal by forging, hammering or die-stamping; machine-tools for working metal by bending, folding, straightening, flattening, shearing, punching or notching; other presses for working metal or metal carbides, n.e.c.	0.01982
Item	Multitool lathe	0.00035
Item	Needle roller bearings	0.00840
Item	Other lifting, handling, loading or unloading machinery, n.e.c.	0.02851
Item	Parts for the goods of subclasses 43510 to 43560	0.01259
Item	Plain shaft bearings	0.02380
Item	Planning, milling or moulding machine	0.02681
Item	Pneumatic and other continuous action elevators and conveyors, for goods or materials, n.e.c.	0.01662
Item	Pneumatic tools, rotary type, drills	0.00369
Item	Pneumatic tools, rotary type, hammers	0.00107
Item	Sawing machines	0.00664
Item	Shafts, all kinds	0.01676
Item	Spherical roller bearings	0.00436
Item	Stone crusher machine	0.02819

Commodity Level	Commodity Name	Commodity Weight
Item	Tapered rolled bearing radial type	0.01652
Item	Thrust ball bearings	0.01206
Item	Vertical machining centres	0.01300
SUT Product Category	**OTHER NON-ELECTRICAL MACHINERY**	**0.22303**
Item	Deep freezers	0.00169
Item	Desert cooler	0.00117
Item	Electric instantaneous or storage water heaters and immersion heaters; electric space heating apparatus and soil heating apparatus; ovens; cookers, cooking plates, boiling rings, grillers and roasters, n.e.c.	0.00155
Item	Engine assembly parts	0.01042
Item	Fans and ventilating or recycling hoods of the domestic type	0.03480
Item	Geysers	0.00494
Item	Household sewing machines, n.e.c.	0.00037
Item	Kitchen mixer/grinder	0.00883
Item	Motor starters	0.00429
Item	Motor, fan	0.00617
Item	Motor, gear	0.00558
Item	Motor, traction	0.00458
Item	Pressure cooker	0.00190
Item	Refrigerators and freezers, household type, electric or non-electric, n.e.c.	0.03821
Item	Sewing machine hand operated	0.00011
Item	Taps, cocks, valves and similar appliances for pipes, boiler shells, tanks, vats or the like, n.e.c.	0.00863
Item	Taps, cocks, valves, parts of, n.e.c.	0.00495
Item	Valves, control	0.00612
Item	Valves, high pressure, pressure reducing	0.00881
Item	Valves, industrial, parts of	0.00655
Item	Valves, industrial	0.03106
Item	Washing machines /laundry machine	0.02948
Item	Water purifier (elec)	0.00282
Group	**(T). MANUFACTURE OF MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS**	**4.39321**
SUT Product Category	**MOTOR VEHICLES**	**4.39321**
Item	Ac motor car	0.66110
Item	Air brake sets	0.03466
Item	Axel	0.03950
Item	Axle excluding rly	0.03498
Item	Bearing, steel	0.03098
Item	Bearing, wheel	0.01376
Item	Bodies for motor vehicles; n.e.c.	0.03017
Item	Body for trucks/ lorries etc.	0.01696

Commodity Level	Commodity Name	Commodity Weight
Item	Brake, rubber, others	0.02640
Item	Chassis assembled with engine for motor vehicle	0.07850
Item	Chassis assembled with engine for other four-wheeler	0.01383
Item	Chassis assembled with engine for truck	0.03092
Item	Clutch shoe linings	0.00242
Item	Clutch	0.03151
Item	Concrete mixer lorries	0.00181
Item	Diaphragm break chamber	0.00082
Item	Fan, pedestal	0.00290
Item	Fuel pump diaphragms	0.00980
Item	Gear boxes, motor vehicles	0.04820
Item	Gear case assemblies	0.01362
Item	Gear pins	0.00055
Item	Gear, coupling	0.00193
Item	Gear	0.03855
Item	Mini bus / bus - complete	0.03547
Item	Motor car, battery powered, complete-imported, assembled	0.00688
Item	Motor car, battery powered, complete-imported, ckd	0.00233
Item	Motor car, diesel (Indian made)	0.16638
Item	Motor car, petrol driven. complete- Indian make	0.29006
Item	Motor cars and other motor vehicles principally designed for the transport of persons (except public-transport type vehicles, vehicles specially designed for travelling on snow, and golf cars and similar vehicles), n.e.c.	0.59852
Item	Motor vehicle, non-conventional energy	0.01966
Item	Motor vehicle, others & parts, n.e.c.	1.20843
Item	Other trailers and semi-trailers (including trailers and semi-trailers for the transport of goods), except self-loading or self-unloading trailers or semi-trailers for agricultural purposes	0.02170
Item	Parts and accessories for the goods of subclass 49210	0.07574
Item	Public-transport type passenger motor vehicles; n.e.c.	0.28220
Item	Radiator & coolers	0.02719
Item	Shock absorbers	0.04316
Item	Silencer	0.04002
Item	Steering gear control system	0.06192
Item	Trucks / lorries	0.27169
Item	Wheels	0.07799

Commodity Level	Commodity Name	Commodity Weight
Group	**(U). MANUFACTURE OF OTHER TRANSPORT EQUIPMENT**	**1.34392**
SUT Product Category	**SHIPS AND BOATS**	**0.01171**
Item	Barges -excl. hopper	0.00048
Item	Cruise ships, excursion boats and similar vessels, principally designed for the transport of persons; ferry boats of all kinds, n.e.c.	0.00844
Item	Fishing vessels; factory ships and other vessels for processing or preserving fishery products, n.e.c.	0.00068
Item	Other vessels (including light-vessels, fire-floats, dredgers, floating cranes, floating docks, warships and lifeboats other than rowing boats), except floating or submersible drilling or production platforms, n.e.c.	0.00173
Item	Pontoons, non-propelling	0.00038
SUT Product Category	**RAIL EQUIPMENT**	**0.17602**
Item	Axle, axle boxes railway	0.00120
Item	Brake gear, railway	0.01318
Item	Diesel-electric locomotives; n.e.c.	0.01835
Item	Locomotive (diesel), meter gauge	0.00939
Item	Metro rail coach	0.02365
Item	Railway or tramway maintenance or service vehicles, whether or not self-propelled; n.e.c.	0.02504
Item	Railway or tramway passenger coaches, not self-propelled; luggage vans, post office coaches and other special-purpose railway or tramway coaches, not self-propelled (except maintenance or service vehicles), n.e.c.	0.01442
Item	Railways rolling stock, n.e.c.	0.01722
Item	Rolling stock / parts, metro rail	0.01068
Item	Signalling, railway-electrical/mechanical	0.01030
Item	Wagons covered, broad gauge	0.03123
Item	Wagons, others, broad gauge	0.00136
SUT Product Category	**MOTOR CYCLES AND SCOOTERS**	**0.60536**
Item	Motor cycle with cylinder capacity exceeding 50 cc	0.28612
Item	Motorcycles and cycles fitted with an auxiliary motor, other than those with reciprocating internal combustion piston engines; side-cars, n.e.c.	0.07771
Item	Motorcycles and cycles fitted with an auxiliary motor, with reciprocating internal combustion piston engine of a cylinder capacity exceeding 50 cc, n.e.c.	0.15103

Commodity Level	Commodity Name	Commodity Weight
Item	Scooters with cylinder capacity exceeding 50 cc	0.09050
SUT Product Category	**BICYCLES, CYCLE-RICKSHAW**	**0.27888**
Item	Bicycles and other cycles, not motorized, n.e.c.	0.03691
Item	Bi-cycles complete for children	0.00189
Item	Bi-cycles complete for men	0.00651
Item	Bi-cycles complete for women	0.00024
Item	Parts for motor cycle/moped/ cycle	0.23333
SUT Product Category	**AIRCRAFTS & SPACECRAFTS**	**0.06505**
Item	Cockpit	0.01135
Item	Parts of aircraft and spacecraft, n.e.c.	0.04031
Item	Safety seat belts	0.01339
SUT Product Category	**OTHER TRANSPORT EQUIPMENT**	**0.20690**
Item	Parts and accessories of motorcycles and side-cars	0.19982
Item	Rubber brake lining	0.00708
Group	**(V). MANUFACTURE OF FURNITURE**	**0.73566**
SUT Product Category	**FURNITURE & FIXTURES**	**0.73566**
Item	Furniture & fixture wooden	0.21474
Item	Mattress supports; mattresses, fitted with springs or stuffed or internally fitted with any material or of cellular rubber or plastics, whether or not covered	0.07664
Item	Metal/steel office furniture others	0.04854
Item	Other furniture n.e.c.	0.07808
Item	Other wooden furniture, of a kind used in offices	0.02741
Item	Seat for motor vehicle	0.29025
Group	**(W). OTHER MANUFACTURING**	**6.80057**
SUT Product Category	**GEMS & JEWELLERY**	**1.53573**
Item	Diamond polished	0.47286
Item	Jewellery of gold studded with precious stone	0.48233
Item	Jewellery of gold	0.49493
Item	Jewellery of platinum	0.02365
Item	Jewellery of silver	0.06196
SUT Product Category	**MISCELLANEOUS MANUFACTURING**	**5.26484**
Item	Ball / dot pen with refill	0.12887
Item	Ball, cricket	0.00630
Item	Ball, hockey	0.00503
Item	Basket ball	0.00605
Item	Bat, cricket	0.02352
Item	Beet-pulp, bagasse and other waste of sugar manufacture	0.32236
Item	Bran rice	0.66936
Item	Bran wheat	0.47530

Commodity Level	Commodity Name	Commodity Weight
Item	Brooms, brushes, hand-operated mechanical floor sweepers (not motorized), mops and feather dusters; prepared knots and tufts for broom or brush making; paint pads and rollers; squeegees (other than roller squeegees) n.e.c.	0.01776
Item	Cards with a magnetic stripe (e.g. debit card, credit card)	0.03372
Item	Carrom board	0.01199
Item	Cotton waste	0.21588
Item	Cycle baby	0.00610
Item	Decorative articles n.e.c.	0.36484
Item	Dolls' carriages; wheeled toys designed to be ridden by children n.e.c.	0.00045
Item	Dolls representing human beings; toys representing animals or non-human creatures n.e.c.	0.00723
Item	Fabricated metal products	0.54740
Item	Fire works	0.12788
Item	Flowers, artificial decorative	0.01494
Item	Flutes	0.00005
Item	Foot ball	0.04113
Item	Gloves, wicket keeping	0.00541
Item	Gymnasium or athletics articles and equipment	0.01909
Item	Handicraft / decorative fancy items	0.09780
Item	Heavy machinery for fabrication	0.04591
Item	Human hair, dressed, thinned, bleached or otherwise worked; wool or other animal hair or other textile materials, prepared for use in making wigs or the like; wigs, false beards, eyebrows and eyelashes, switches and the like, of human or animal hair n.e.c.	0.03351
Item	Imitation jewellery n.e.c.	0.06371
Item	Matches safety (match box)	0.09316
Item	Musical instruments string	0.00006
Item	Ornaments imitation	0.00706
Item	Other articles for funfair, table or parlour games (including articles for billiards, pintables, special tables for casino games and automatic bowling alley equipment), except video games of a kind used with a television receiver, n.e.c.	0.00311
Item	Other fasteners n.e.c.	0.02446
Item	Other string musical instruments n.e.c.	0.02257
Item	Other toys (including toy musical instruments) n.e.c.	0.01763
Item	Pearls imitation	0.00496

Commodity Level	Commodity Name	Commodity Weight
Item	Pen, marker	0.01469
Item	Pencil, lead	0.09006
Item	Pens, duplicating stylos, pencils, pen-holders, pencil-holders and similar holders, and parts thereof; crayons, pencil leads, pastels, drawing charcoals and chalks, n.e.c.	0.06499
Item	Playing cards	0.02046
Item	Prefabricated buildings, of metal, n.e.c.	0.10698
Item	Rags, scrap twine, cordage, rope and cables and worn-out articles of twine, cordage, rope or cables, of textile materials	0.00116
Item	Refill ball / dot pen	0.04497
Item	Rugby ball	0.01358
Item	Scrap cast iron	0.41345
Item	Scrap iron/steel	0.30195
Item	Scrap, plastic	0.02604
Item	Sculpture	0.04551
Item	Shoe, football	0.00221
Item	Smart cards	0.09003
Item	Sports goods-parts & accessories, n.e.c.	0.06719
Item	Staplers	0.01886
Item	Steel structures	0.23657
Item	Sticks, hockey	0.00788
Item	Tabla	0.00031
Item	Tooth brush	0.05090
Item	Toys non mechanical others	0.01630
Item	Toys plastic moulded others	0.07152
Item	Umbrella & sun shed complete	0.01384
Item	Waste, parings and scrap of plastics n.e.c.	0.00930
Item	Zipper	0.07149
Major Group	**ELECTRICITY**	**4.48719**
Group	**ELECTRICITY**	**4.48719**
SUT Product Category	**ELECTRICITY**	**4.48719**
Item	Hydro Electricity	0.33081
Item	Nuclear Electricity	0.11074
Item	Solar Electricity	0.21911
Item	Thermal Coal Electricity	3.58714
Item	Thermal Gas Electricity	0.11289
Item	Wind Electricity	0.12650

Annexure VI: Industry Group and Weighting Structure for the Input PPI for Manufacturing Sector (Base Year 2022-23)

Industry Groups	Weights
(A). Manufacture of Food Products	14.84638
(B). Manufacture of Beverages	1.03035
(C). Manufacture of Tobacco Products	0.26443
(D). Manufacture of Textiles	5.88918
(E). Manufacture of Wearing Apparel	1.57012
(F). Manufacture of Leather and Related Products	0.77634
(G). Manufacture of Wood and Products of Wood and Cork, Except Furniture; Manufacture of Articles of Straw and Plaiting Materials	1.82194
(H). Manufacture of Paper and Paper Products	0.87494
(I). Printing and Reproduction of Recorded Media (this division excludes publishing activities)	0.46606
(J). Manufacture of Coke and refined Petroleum Products	12.3291
(K). Manufacture of Chemicals and Chemical Products	7.98919
(L). Manufacture of Basic Pharmaceutical Products and Pharmaceutical Preparations	2.40463
(M). Manufacture of Rubber and Plastic Products	3.40235
(N). Manufacture of Other Non-Metallic Mineral Products	3.28306
(O). Manufacture of Basic Metals	11.25229
(P). Manufacture of Fabricated Metal Products, except Machinery and Equipment	5.59239
(Q). Manufacture of Computer, Electronic and Optical Products	2.22964
(R). Manufacture of Electrical Equipment	3.64437
(S). Manufacture of Machinery and Equipment n.e.c.	5.07784
(T). Manufacture of Motor Vehicles, Trailers and Semi-Trailers, and Manufacture of Other Transport Equipment	10.49446
(U). Manufacture of Furniture	0.98353
(V). Other Manufacturing	3.77741

Annexure VII: Methodology for Compilation of Banking Service Price Index and Banking Service Contribution Index

1. Product Basket of Banking Service Price Index (BkSPI)

The index with base year 2022-23 will comprise of three sub-indices–Direct Intermediation and Market service. There are 24 types of services covered under Direct services and 11 under Intermediation services. These list of these services are given at table below: -

Category	Type of Service
Direct Services	i. Issue of Demand Draft ii. Inland Bill Collection iii. Foreign Bill Collection iv. Inland Cheque Collection v. Foreign Cheque Collection vi. Export L/C advised vii. Inland L/C opened viii. Import L/C opened ix. Forward Contracts x. TC & other Foreign Exchange Services xi. Bank Guarantees xii. NEFT-Outward xiii. RTGS-Outward xiv. IMPS Outward xv. ATM/Debit Card Business xvi. Credit Card Business xvii. Prepaid Card xviii. D-MAT Account xix. Loan Processing Charges xx. Insurance Service Commission xxi. Locker Rent xxii. Commission on Mutual Fund xxiii. SMS Alert facility charges xxiv. Cash Handling Charges (cash deposits, withdrawal etc.)
Intermediation Services	Loans i. Agriculture ii. Industry - Mining and quarrying/ Manufacturing and processing/ Electricity, gas and water/ Construction iii. Transport

	iv. Professional and other services v. Personal Loans - Housing Loans/ Loans for purchase of consumer durables/ Other personal loans vi. Trade vii. Finance viii. Others
	Deposits i. Current Account ii. Saving deposits iii. Other deposits (Terms) - Less than 3 months/ 3 months - 6 months/ 6 months - 1 year/ 1 year - 3 years/ 3 years - 5 years/ Over 5 years

2. **Weights of Banking Service Price Index-** For direct services, the weighting diagram is compiled based on total revenue generated through charge fees, commissions, brokerage etc., during the base year 2022-23. The weights for the direct services are derived based on the percentage share of the fee of the respective service in the aggregate fee of all direct services. The weighting diagram for intermediation services is derived from the industry-wise share in the amount outstanding for Credits and Deposits as available in Basic Statistical Returns (BSR) system of the RBI for the financial year 2022-23.

3. **Prices-** For Direct services and Market services, price is the fees/commissions/ brokerage charged by the banks per unit of transaction. For intermediation services, prices are not directly measurable and are defined in terms of a reference price or the opportunity cost and is calculated separately for loans and deposits using the following formulae:

Price for Loan servicing (%) = lending rate (%) – Reference rate (%)

Price for Deposit servicing (%) = Reference rate (%) –deposit Interest rate (%)

The reference rate for the BkSPI is the harmonic mean of the average of deposit interest rates (excluding the current account deposit component) and the average of the lending rates as reported by the reporting banks.

4. **Data Source-** The index with revised base 2022-23 is constructed from data provided by 31 banks (10 are public sector banks, 4 are private banks, 3 foreign banks, 1 small finance bank, 3 regional rural banks and 10 urban cooperative banks). The Index is compiled by RBI and provided to OEA, DPIIT.

5. Compilation of Banking Service Price Index (BkSPI)

BkSPI may be compiled using Laspeyres Formula as,

$$BkSPI = W_a * I_t^a + W_b * I_t^b$$

Where W_a and W_b are the proportions of direct services, and intermediation services in total services respectively;

I_t^a is the Index for Direct service compiled as:

$$I_t^a = \sum_i \frac{P_{it}^a}{P_{i0}^a} * w_i * 100$$

where,

P_{it}^a is the average price of ith direct service for month 't';

w_i is the weight of ith direct service calculated as the proportionate fee income in the base year;

P_{i0}^a is the price of ith direct service in the base period.

I_t^b is the index for intermediation services

$$I_t^b = W_L * I_t^L + W_D * I_t^D$$

where,

W_L is weight of loans calculated from the proportionate volume of loans to the total business (deposits including loans) and I_t^L is the Loan Price Index for month 't'.

Similarly, W_D is weight of deposits calculated from the proportionate volume of deposits to the total business (deposits including loans) and I_t^D is the Deposit Price Index for month 't'.

The loan and deposit price indices are then compiled as:

$$I_t^L = \sum_i \frac{max(P_{it}^L - R_t, 0)}{max(P_{i0}^L - R_0, 0)} * w_i * 100;$$

$$I_t^D = \sum_i \frac{max(R_t - P_{it}^D, 0)}{max(R_0 - P_{i0}^D, 0)} * w_i * 100$$

where,

P_{it}^L is average interest rate of i[th] loan item for month 't'

P_{i0}^L is average interest rate of i[th] loan item at base period

P_{it}^D is average interest rate of i[th] deposit type for month 't'

P_{i0}^D is average interest rate of i[th] deposit type at base period

R_t and R_0 are the reference rates at time t and base period, respectively.

w_i is the weight of i[th] loan/deposit item calculated as the proportionate volume of loan/deposit in each item category.

I_t^{cm} is the index for market service:

$$I_t^{cm} = \sum_i \frac{P_{it}^a}{P_{i0}^a} * w_i * 100$$

where,

P_{it}^a is the average price of i[th] capital market service for month 't';

w_i is the weight of i[th] capital market service calculated as the proportionate fee income in the base year;

P_{i0}^a is the price of ith capital market service in the base period.

6. Banking Service Contribution Index (BkSCI)

Prices of direct services are reported by the banks for each category as given at Table at para 1 above. However, as there is no direct price available for intermediation services provided by the banks, the common practice is to estimate the cost through Financial Intermediation Service Indirectly Measured (FISIM) method for such intermediation services in terms of providing loans to meet the credit demand of the customers through channelizing customers' deposits. As the target is to compile a price index, the estimations of FISIM for loans and deposits are not formed as a part

of this activity. The differences between lending rate and deposit rate from the reference rate are sufficient to arrive at the price index of the intermediation services.

It is evident that inflation is a major driver for making interest rate (policy rate) decision by the central banks. It is argued in monetary transmission theory that impact of the policy rate change by the central banks gets transmitted to the lending as well as to deposit rates, but with a lag. Moreover, researchers have established through empirical evidence, that the transmission in India has improved in the recent past. However, to capture the change in price of intermediation services more accurately, an Implicit Price Deflator (IPD) has been proposed by RBI, which is the ratio of the loans and deposits for current year vis-à-vis the base year, to compute a Banking Service Contribution Index (BkSCI).

Compilation of Banking Service Contribution Index

BkSCI may be compiled as,

$$BkSCI = W_a * I_t^a + W_b * I_t^c$$

BkSCI differ from BkSPI only in terms of computation of Index for Intermediation services (I_t^c), where

$$I_t^c = I_t^L * \boldsymbol{IPD_t^L} * W_L + I_t^D * \boldsymbol{IPD_t^D} * W_D$$

$\boldsymbol{IPD_t^L}$ is the implicit price deflator for loans and $\boldsymbol{IPD_t^D}$ is the implicit price deflator for deposits. These deflators are the ratio of the volumes of loans/deposits (as the case may be) for the current year in comparison to base year.

Annexure VIII: Methodology for Compilation of Securities Transaction Service Price Index

1. Product Basket of STPI (base year 2022-23)

The STPI with base 2022-23 will consists for sub-indices for Primary Market, Secondary Market and Asset Management Activities. The classification for each of these sub-indices is given below: -

Market	Segment	Sub-Segment
Primary Market	Equity	i. Mainboard Public Issues (IPO and FPO) ii. SME Public Issues (IPO and FPO) iii. Rights Issue iv. QIPs v. InvITs (Public/Pvt. Placement/ Rights) vi. REITs (Public/Pvt. Placement)
	Debt	i. Debt Public Issues ii. Debt Private Placement
Secondary Market	Exchange	i. Cash ii. Currency Derivatives (CDS) iii. Futures and Options (F&O) iv. Interest Rate Derivatives (IRD) v. Commodity Derivatives (CD)
	Depository Participant	Depository Charges
Asset Management	Mutual Fund	i. Close Ended ii. Interval iii. Open Ended
	Portfolio Management Services	i. Advisory ii. Discretionary iii. Non-discretionary
	Alternate Investment Fund	

2. Weights of Securities Transaction Price Index- Weights for each sub-segment/segment are assigned based on average annual revenue generated in each sub-segment/segment during three years keeping the base year in middle (presently being revised to 2022-23), viz. average revenue generated during 2021-22, 2022- 23 and 2023-24. The average revenue of all the three years is taken considering the dynamic nature of the securities market and to ensure that the index represents all the segments in correct proportion.

Average Revenue= (Sum of three-year revenue)/ 3

Weights = Yi/Z

(Wherein Z is the total average revenue and Yi is the average revenue of i^{th} segment/sub- segment). Weights are assigned to each sub-segment and then aggregated to determine the weights for each segment. The weighting diagram for STPI is as follows:

Segments/Sub-segments	**Weights**
Primary market	**6.95**
Equity	***5.18***
SME	0.32
Main Board	3.81
QIPs	0.85
Rights Issue	0.19
Debt	***1.78***
Debt Issue	0.42
Debt Private Placement	1.36
Secondary Market	**46.26**
Exchange	***44.36***
Cash	19.62
Currency Derivatives	0.51
Futures and Options	23.19
Interest Rate Derivatives	0.00
Commodity Derivatives	1.04
DP	***1.90***
Asset Management	**46.79**
Mutual Fund	***38.74***
Close Ended	0.21
Interval	0.00
Open Ended	38.53
PMS	***4.71***
Advisory	0.16
Discretionary	4.35
Non-Discretionary	0.20
AIF	***3.34***
	Source: SEBI

3. **Prices**

a) Cost of Primary market services is calculated as per total issue related expenses as a percentage of the total issue size.

b) Cost for Secondary market is computed as transaction cost per unit of turnover for different sub-segments under this activity.

c) Cost for asset management activity is measured as total expenses as percentage of asset under management or the corpus on which the expenses are charged.

4. **Data Source-** The index with revised base 2022-23 is constructed from data provided by exchanges i.e. BSE, NSE, MCX and NCDEX; Security Depositories-CDSL, NSDL; Mutual/Investment Funds, Portfolio Managements. The Index is compiled by SEBI and provided to OEA, DPIIT.

5. **Compilation of Securities Transaction Price Index-** The index is computed based on short term chain method. Transaction Price Index (TPI) of sub-segments are aggregated using weighted average to compute the TPI of respective segments (viz. Primary Market TPI, Secondary Market TPI and Asset Management TPI). If there is further segregation of sub-segments based on products, then the TPI of product is computed and subsequently aggregated (weighted average) to determine the TPI of the respective sub-segments. TPI of three segments are aggregated using weighted average to compute the Securities Transaction Price Index (STPI). Segment-wise index compilation methodology is as under:

(ii) Primary Market (PMTPI)- Primary market TPI is classified into two sub-segments: Equity and Bond/Debt. Following primary market related costs are taken into consideration for calculating STPI

- Lead Manager Fee;
- Selling and Brokerage Commission;
- SCSB Processing Fee,
- Printing and Stationery Costs;
- Advertising and Marketing Expenses;
- Registrar Fees;
- Legal Counsel Fees;
- Auditor Fees;

- Listing Fees;
- SEBI Fees,
- Other Miscellaneous Expenses.

Per unit expense (X) is calculated for each product/sub-segment using formula;

$$\boldsymbol{Per\ Unit\ Expense\ (X) = \frac{\sum \textbf{Issue related Expense}}{\sum \textbf{Issue Size}} * 100}$$

X for base year is computed by taking geometric mean of per unit expense of four quarters of 2022-23.

Transaction Price Index (TPI) is computed using short term chain method, for Mainboard issues, SME issues, QIPs, Rights issue and Debt Issue. TPI for Mainboard issues, SME issues, QIPs and Rights issue are aggregated (weighted average) to compute Equity TPI. Moreover, Equity TPI and Bond/Debt TPI are aggregated using weighted average to compute the Transaction Price Index for primary market (PM-TPI).

(iii) Secondary Market (SMTPI)- Secondary market TPI has two sub-segments: Stock exchange and Depository. Following costs associated with secondary market transactions are considered for calculation of STPI –

- Brokerage Charge;
- Clearing Member Charges;
- Exchange Delivery Charges;
- Exchange Fee;
- SEBI Turnover Fee.

Per unit expense (X) is calculated for each product/sub-segment using formula;

$$\boldsymbol{Per\ Unit\ Expense\ (X) = \frac{\sum \textbf{Total transaction Cost}}{\sum \textbf{Client Turnover}} * 100}$$

Per unit expense X for Depository;

$$\boldsymbol{Per\ Unit\ Expense\ (X) = \frac{\sum \textbf{Transaction Charges}}{\sum \textbf{No. of Transactions (Debit Side)}} * 100}$$

X for base year is computed by taking geometric mean of per unit expense of four quarters of 2022-23.

Similarly, Transaction Price Index (TPI) is computed using short term chain method, for Cash Segment, Equity- Futures and Options, Currency Derivatives, Interest Rate Futures, Commodity Derivatives and Depository. TPI for Cash Segment, Equity-Futures and Options, Currency Derivatives, Interest Rate Futures and Commodity Derivatives are aggregated (weighted average) to compute Stock Exchange TPI. Stock exchange TPI and Depository TPI are aggregated using weighted average to compute the Transaction Price Index for secondary market (SM-TPI).

(iv) Asset Management (AMTPI)

Asset management TPI has three sub-segments: Mutual funds, PMS and AIF.

a. Mutual Fund TPI (MTPI)

Mutual Fund TPI is segregated based on schemes into Close-ended, Interval and Open- ended. Total expense ratio (TER) excluding brokerage is considered for STPI calculation. *(Brokerage is not included, as it has already been considered in the calculation of SMTPI)*

Per unit expense (X) is calculated for each scheme using formula;

$$\boldsymbol{Per\ Unit\ Expense\ (X) = \frac{\sum \textbf{Total Charges (other than brokerage)}}{\sum \textbf{Average AUM for the quarter}} * 100}$$

X for base year is computed by taking geometric mean of per unit expense of four quarters of 2022-23.

Average AUM for the Quarter = ∑ (daily AUM)/no. of days

Transaction Price Index (TPI) is computed using short term chain method, for close-ended, interval and open-ended. TPI for close-ended, interval and open-ended are aggregated (weighted average) to compute TPI for Mutual Fund.

b. PMS TPI (PTPI)

PMS TPI is segregated based on services into Discretionary, Non-discretionary and Advisory. Following costs associated with PMS are considered for calculation of STPI –

- Investment Management Fee;
- Performance Fees;
- Transaction Cost (other than brokerage);
- Custodian Fee;
- Exit Load;
- Audit Charges;
- Other miscellaneous charges.

(Brokerage is not included, as it has already been considered in the calculation of SMTPI). Per unit expense (X) is calculated for each service using formula;

$$\boldsymbol{Per\ Unit\ Expense\ (X) = \frac{\sum \textbf{Total Charges (other than brokerage)}}{\sum \textbf{Average AUM for the quarter}} * 100}$$

X for base year is computed by taking geometric mean of per unit expense of four quarters of 2022-23.

Average AUM for the Quarter = ∑ (daily AUM)/no of days).

Transaction Price Index (TPI) is computed using equation (3) for discretionary, non-discretionary and advisory. TPI for discretionary, non-discretionary and advisory are aggregated (weighted average) to compute TPI for PMS.

c. AIF TPI (ATPI)

For AIFs, out of 'Commitments Made', Amount Raised' and 'Investment Made' only 'Amount Raised' is considered. To compute the per unit expense (X) for a quarter, the quarterly expenses along with fixed annual charges (distributed evenly across the four quarters on an accrual basis), are to be considered irrespective of whether these charges are for Commitments made/Amount Raised or Investments made.

Following charges are considered for STPI calculation-

- Investment Management Fee;
- Performance Fee;

- Operating Expenses (like; professional fee, Trustee fee, Audit fee, Valuation Fee, Administration Charges, Legal & Professional Charges, Custody Fee etc.);
- Other charges (excluding Set-up Fee and Brokerage)

(Brokerage is not included, as it has already been considered in the calculation of SMTPI)

Four-quarter moving average of mode of net amount raised/redeemed is considered since negative values in the amount raised represent redemptions (which are transactions by nature) and should not be excluded from the calculations. Any zero/negative values in expenses, and any zero values in net amount raised/redeemed were excluded from the calculations. Further, outliers are determined using the Inter-quartile range (IQR), where values less than 1st-quartile and greater than 3rd-quartile were excluded.

Per unit expense (X) is calculated using formula;

$$\boldsymbol{Per\ Unit\ Expense\ (X)} = \frac{\sum \text{Expenses in the given Quarter} + \text{Part of Fixed Annual Charges assigned to Given Quarter}}{\sum \text{Four Quarter Moving Average of Mode of Amount Raised/Redeemed}}$$

X for base year is computed by taking geometric mean of per unit expense of four quarters of 2022-23. Transaction Price Index (TPI) for AIF is computed using short term chain method. MTPI, PTPI and ATPI are aggregated using weighted average to compute the Transaction Price Index for Asset Management TPI (AM-TPI).

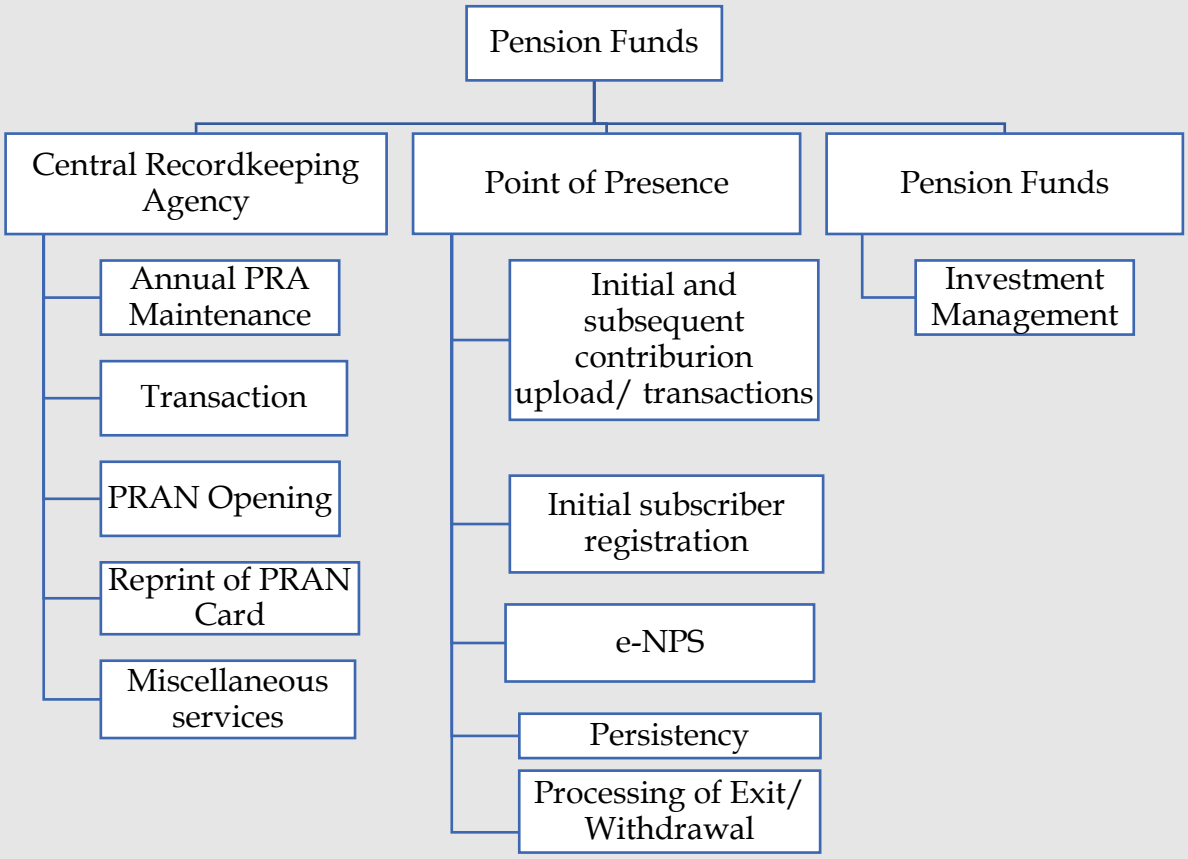
Final Aggregation - STPI

The STPI is computed by aggregating PM-TPI, SM-TPI, and AM-TPI using weighted average.

Annexure IX: Methodology for Compilation of Pension Service Price Index

1. Product Basket of Pension Fund Service Price Index

The product basket of the index consists of the services render by three major intermediaries – Central Record Keeping Agency (CRA), Point of Presence (PoP) Banks and Pension Funds – under PFRDA. CRA is responsible for maintaining records centrally, administering accounts, and handling customer service for subscribers. Point of Presence (PoP) are the aauthorized entities such as the banks, financial institutions etc. that act as the first point of interaction for registration, KYC, and contribution collection and are responsible for transmitting subscriber data to the CRA. Pension Funds are PFRDA-appointed entities—such as SBI, LIC, and UTI—that invest subscriber contributions in various asset classes (Equity, Corporate Bonds, Government Securities) based on the chosen strategy. Services offered by each of the above intermediaries and included in the compilation of index are depicted in the figure below:



2. **Weights for Pension Fund Service Price Index-** Weights to the intermediaries have been assigned as per their respective share of revenue in the aggregate revenue earned by CRA, PoP and Pension Funds in the base year 2022-23. The weight to the services under each intermediary has been calculated as the share of revenue of each service to the aggregate revenue of the respective intermediary in the base year 2022-23. The weighting diagram for STPI is as under:

S.No.	INTERMEDIARY	Weights
1	**PENSION FUNDS**	**60.85**
1.1	Investment Management Fee	60.85
2	**CENTRAL RECORDKEEPING AGENCY (CRA)**	**31.22**
2.1	Annual PRA Maintenance cost per account	22.14
2.2	Charge per transaction	5.99
2.3	PRAN Opening Charges	3.05
2.4	Reprint of PRAN Card	0.03
2.5	Miscellaneous Services	0.01
3	**POINT OF PRESENCE (POP)**	**7.92**
3.1	Initial and subsequent contribution upload/ transactions	4.47
3.2	Initial subscriber registration	2.03
3.3	e-NPS (for subsequent contribution)	0.78
3.4	Persistency	0.64
3.5	Processing of Exit/ Withdrawal	0.01

3. **Price-** For CRA, Annual PRA maintenance cost per account, charge per transaction, PRAN opening Charges, Charge for reprint of PRAN Card, Charge for miscellaneous services (request for physical card, reissue of IPIN/TPIN, Downgrading and Upgrading) comprise the price. In case of PoP, charges for uploading of initial and subsequent contribution, initial subscriber registration, e-NPS, Persistency and Processing of Exit/ Withdrawal have been considered. For Pension Funds, the per subscriber fee charged for Investment management has been taken as the price. Details of prices used for each service of intermediaries is as under:

Intermediaries	Service	Prices
Pension Funds	Investment Management	Revenue per subscriber #
Central Recordkeeping Agency (CRA)	Annual PRA Maintenance	Quarterly charges available for sub-charges under each charge head.
	Transaction	
	PRAN Opening	

	Reprint of PRAN Card	
	Miscellaneous Services	
Point of Presence (PoP)	Initial and subsequent contribution upload/ transactions	**Financial services:** Median of minimum and maximum charge, Median of 0 and maximum charge where minimum charge was missing. **Non-Financial services:** quarterly charge.
	Initial subscriber registration	Median of minimum and maximum charge, Median of 0 and maximum charge where minimum charge was missing.
	e-NPS (for subsequent contribution)	Median of minimum and maximum charge; Median of 0 and maximum charge where minimum was missing.
	Persistency	Fixed charge per annum.
	Processing of Exit/ Withdrawal	Median of minimum and maximum charge, Median of 0 and maximum charge where minimum was missing.

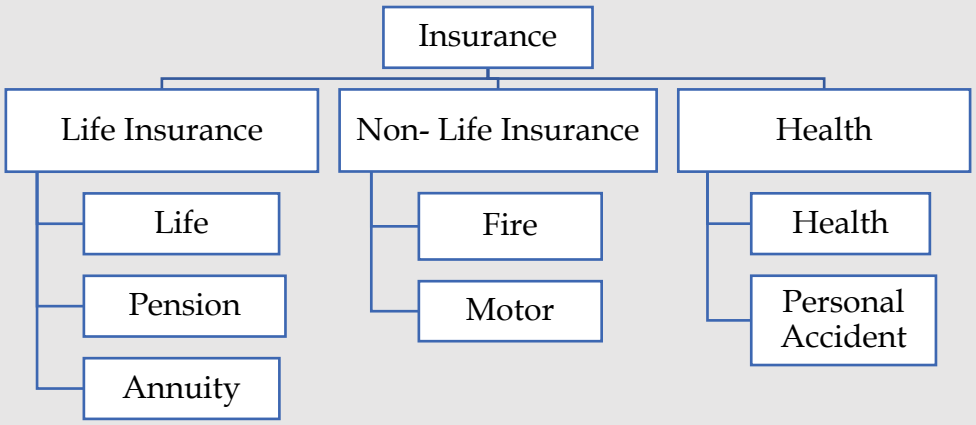
4. **Data Source-** Price data for compilation of Pension Funds Service Price Index is sourced from PFRDA.

5. **Compilation of PFSPI-** Pension Funds Service Price Index is compiled using Laspeyres formula which has two stages: compilation of elementary indices and compilation of aggregate indices. The elementary indices are compiled using Jevons formula i.e. taking the geometric mean of the price relatives using short term formulation. The aggregate/ higher level Index is computed as weighted average of the elementary price indices using Arithmetic Mean.

Annexure X: Methodology for Compilation of Insurance Service Price Index

1. Product Basket of Insurance Service Price Index

The product basket of insurance services has been grouped into three sub-indices based on broad insurance businesses: **Life Insurance Business, Non-Life Insurance Business and Health Insurance Business** for the compilation of Insurance Service Producer Price Index. Each business is then further disaggregated into popular segment under it. The categorisation of each business is given below:



In the compilation of sub-index for Life insurance Business is based on Individual products and excludes Group insurance products.

2. Weights for Insurance Service Price Index-

Weight to a particular insurance business (Life, Non-Life & Health) has been assigned as per its share of premium to the aggregate premium in the base year 2022-23. The weight of each business is apportioned to its segments based on their respective share in the overall premium of the relevant business. The weighting diagram for Insurance Service Price Index is given below: -

S.No.	Insurance Business	Segment	Weights
1	**Life**		**72.14**
1.1		Life	66.23
1.2		Pension	1.87
1.3		Annuity	4.05
2	**Non-Life**		**14.86**
2.1		Motor	11.10
2.2		Fire	3.76

3	**Health**		**12.99**
3.1		Health	12.04
3.2		Personal Accident	0.95
	Total		100.00

3. **Price-** The prices will be derived using the premium and the rate of return on investment. Segment-wise price is given in the Table below:

Business	**Segment**	**Price**
Life Insurance	Life	Premium per unit X (1+Rate of Return on invested portion of premium)
	Annuity	
	Pension	
Non-Life Insurance	Fire	
	Motor	
Health	Health	Average Premium Per Life X (1+Rate of Return on invested portion of premium)
	Personal Accident	Average Premium Per Lac of Sum Insured

4. **Data Source-** The price data for compilation of Index is sourced from Insurance Companies selected for each segment in the three lines of businesses.

5. **Compilation of Insurance SPI-** Insurance Service Price Index is compiled using Laspeyres formula which has two stages: compilation of elementary indices and compilation of aggregate indices. The elementary indices are compiled using Jevons formula i.e. taking the geometric mean of the price relatives using short term formulation. The aggregate/ higher level Index is computed as weighted average of the elementary price indices using Arithmetic Mean.

Annexure XI: Methodology for Compilation of Railway Service Producer Price Index

1. Product Basket of Railway Service Price Index

The index can be disaggregated into two sub-indices –

a) Railway Freight Services, and

b) Railway Passenger Services.

The Railway Freight Services index comprises thirteen items, specifically eleven major commodities - Coal, Iron Ore, Iron & Steel, Cement, Food Grains, Fertilizers, POL (Mineral Oil), Limestone and Dolomite, Stones and Other Marble, Salt, Sugar alongside container and automobile freight services.

This Railway Passenger Services Price Index monitors fluctuations in fare structures across diverse service tiers, categorized into suburban and non-suburban segments (including both upper and lower classes). These categories are further stratified into sub-classes. The details are given in the table below:

S.No.	Category	Class	Subclass
1	Suburban	1st Class	
		2nd Class	
2	Non-Suburban	Upper Class	Executive Class
			A.C. First
			A.C. 2 Tier
			A.C. 3 Tier
			First Class
			A.C. Chair Car
		Lower Class	Sleeper Class
			IInd Class

2. Weights for Railway Service Price Index-

The overall weights for Railway Services, Freight and Passenger have been computed based on their respective share in the total revenue for the base year 2022-23.

Service	Weight
Freight	67.12
Passenger	32.88

Weighting for the Railway Freight and Passenger index at granular level have been determined by the revenue contribution of the considered categories in the total revenue generated during the base year 2022-23. The details and relative weights are as under:

Railway Freight Weights (2022-23)		
S.No.	**Commodities**	**Weights**
1	Coal	52.25
2	Iron & Steel	6.81
3	Iron Ore	7.97
4	Cement	7.89
5	Food grains	6.50
6	Fertilizers	4.29
7	POL (Mineral Oil)	4.08
8	Container Services	4.58
9	Limestone and Dolomite	2.11
10	Stones (Including gypsum) other than marble	1.49
11	Salt	0.76
12	Sugar	0.63
13	Automobile	0.64
	Total	**100**

Railway Passenger Weights (2022-23)				
S.No.	**Category**	**Class**	**Subclass**	**Weights**
1	Suburban	1st Class		0.75
		2nd Class		3.41
		Total suburban		**4.16**
2	Non-Suburban	Upper Class	Executive Class	0.45
			A.C. First	1.46
			A.C. 2 tier	9.24
			A.C. 3 Tier	33.66
			First Class	0.05
			A.C. Chair Car	3.62
		Total Upper class		**48.48**
		Lower Class	Sleeper Class	25.13
			IInd Class	22.23
		Total Lower class		**47.36**
		Total Non-Sub-urban		**95.84**

3. **Price**

a) Railway Freight Service- The Freight SPPI is compiled using the **freight rate per tonne** based on the identified average lead[4] for each commodity. The index uses **Train-load freight rates** rather than wagon-load rates for all identified items.

Dynamic Pricing- To accurately reflect market volatility under the **Indian Railways' Dynamic Pricing Policy**, the index incorporates **Busy Season Charges (BSC)**. These charges are applied during the relevant months to ensure the SPPI reflects the actual effective price paid by the user.

b) Railway Passenger Service- For each category within the Non-Suburban Upper and Lower classes, representative popular trains have been mapped. Since, passenger fares vary across different distance slabs, the Railway Board has provided Average Lead Values to each specific category. The price is captured from the specific distance slab into which the identified average lead falls. Specific trains have been identified for the compilation of the Railway Passenger SPPI index alongside the average lead values, and corresponding distance slabs**.**

Dynamic Pricing and Flexi-Fare Adjustments

The index accounts for the Indian Railways' Dynamic Pricing Policy (Flexi-Fare) to capture actual price realization:

- This is applicable only to **AC 2-Tier, 3-Tier, and AC Chair Car** in Rajdhani, Shatabdi, and Duronto services.
- **Adjustment Factor:** An average flexi-fare adjustment factor of 1.3 of the base fare is applied throughout the year.

4. **Data Source-** The price data is sourced from the rate circulars available on the official website of Ministry of Railways. The data is confirmed with the Railway Board through email correspondence.

[4] Average lead for a commodity/class is the average distance a freight commodity is transported/ average distance travelled by passenger in that particular class, during the under consideration.

5. **Compilation of Railway Service Producer Price Index-** Railway Service Price Index is compiled using Laspeyres formula which has two stages: compilation of elementary indices and compilation of aggregate indices. The elementary indices are compiled using Jevons formula i.e. taking the geometric mean of the price relatives using short term formulation. The aggregate/ higher level Index is computed as weighted average of the elementary price indices using Arithmetic Mean.

Annexure XII: Methodology for Compilation of Telecom Service Producer Price Index

1. **Product Basket of Telecom Service Price Index-** The product basket of telecom services has been grouped into two broad segments: **Wireless (Mobile) and Wireline (Landline)** for the compilation of Telecom service price index. The wireless segment is further divided into two sub-segments viz. **Prepaid** and **Postpaid** services.
2. **Weights for Telecom Service Price Index-** Weights are assigned between the wireless and the wireline services based on respective share of **number of subscribers** in the total number of telephone subscribers in the base year 2022-23. The weights are then apportioned between the sub-segments **'Prepaid'** and **'Postpaid'** on the basis of the number of subscribers in the respective sub-segments to the total number of wireless subscribers. The weights are as follows:

Item	Weights
Wireless	**97.577**
Prepaid	89.685
Postpaid	7.891
Wireline	**2.423**
Total	**100.000**

3. **Price**

Prepaid wireless services: Specifications of Prepaid plan may change in terms of no. of days which ultimately result in change in effective price. Therefore, price per day has been taken as price for Prepaid services (exclusive of GST).

Postpaid wireless services: The value of the plan (exclusive of GST) for 30 days validity is taken.

Wireline services: The monthly price of the plan is taken.

4. **Data Source-** The price data is collected from the official website of the Telecom service provider using web search.
5. **Compilation of Telecom SPI-** Telecom Service Price Index is compiled using Laspeyres formula which has two stages: compilation of elementary indices and compilation of aggregate indices. The elementary indices are compiled using Jevons

formula i.e. taking the geometric mean of the price relatives using short term formulation. The aggregate/ higher level Index is computed as weighted average of the elementary price indices using Arithmetic Mean.

Annexure XIII: Methodology for Compilation of Air (Passenger) Service Producer Price Index

1. **Product Basket of Air (Passenger) Service Price Index-** The product basket of Air (Passenger) services comprises of passenger services offered on domestic and international routes by the scheduled domestic carriers. 84 domestic routes and 66 international routes have been identified for the collection of prices based on 50% criterion, i.e., the routes which accounted for 50% of the total air passenger traffic volume in the year 2022-23. Further, only those routes are selected where at least two airlines are operational in order to obtain two data points for each route.

   For each domestic and international route, airlines were selected on the basis of 80% criterion, i.e., the airlines carrying >=80% of the air passenger traffic on the respective route in the year 2022-23. Major airlines have been selected for domestic and international routes. A reserve list of ten additional routes is maintained for the substitution of the routes, if required in the future.

2. **Weights for Air (Passenger) Service Price Index-** The weights to passenger carriers (airlines) operating on each domestic and international route is calculated by dividing the passenger footfall of a particular airline on a particular route by the total passenger footfall of all the airlines selected domestic and international routes respectively in the year 2022-23. The weight of each route is then obtained by aggregating the weights across all the airlines operating on that particular route. The weights are assigned to the domestic routes and the international routes along with the weights to airlines.

   In line with the practice followed by the Singapore Department of Statistics in compiling the Services Producer Price Indices, where the weight reference period and the price reference period may differ, the Sub-Group recommended adopting 2022–23 as the weight reference period and 2025–26 as the price reference period for the compilation of the Air (Passenger) SPPI.

3. **Price-** The lowest Base Airfare (exclusive of taxes & fees and convenience charges) of the economy class of the airlines is captured in the current month for the corresponding day in the subsequent month followed by another 6 days, for specific

identified domestic and international routes based on a calendar prepared on a monthly basis, using web search. For instance, on 1st April the price data will be collected from 1st May till 7 May for specific routes. The data for seven days is collected in order to capture the price data for weekends.

4. **Data Source-** The prices are collected from the websites of the airlines using web search.
5. **Compilation of Air (Passenger) Service Price Index-** Air (Passenger) Service Price Index is compiled using Laspeyres formula which has two stages: compilation of elementary indices and compilation of aggregate indices. The elementary indices are compiled using Jevons formula i.e. taking the geometric mean of the price relatives using short term formulation. The aggregate/ higher level Index is computed as weighted average of the elementary price indices using Arithmetic Mean.