

## GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI

### PRICE INDICES 2017-2018



#### **DIRECTORATE OF ECONOMICS & STATISTICS**

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#### PREFACE

The "Price Indices in Delhi-2017-18" is the revised and updated edition of the earlier publication prepared by this Directorate. The publication incorporates the time series of different Price Indices such as CPI for Industrial Workers, CPI Combined and Wholesale Price Index. Efforts have been made to incorporate latest data in this publication. The Publication has been prepared with a view that these indices are available at one place for reference as and when required.

A Consumer Price Index (CPI) is designed to measure the changes over time in general level of retail prices of selected goods and services that households purchase for the purpose of consumption. Such changes affect the real purchasing power of consumers' income and their welfare. The Consumer Price Index Numbers for Industrial Workers (Current Base Year 2001=100) are being compiled, maintained and disseminated by the Labour Bureau M/o Labour and Employment Govt.of India since its inception in October, 1946. These index numbers are being utilized for fixation and revision of wages and determination of variable Dearness Allowances payable to workers in organized sectors of the economy. Despite the coverage being limited to Industrial Workers, presently, the CPI(IW) are also utilized as an indicator for measuring inflationary trend in the country and for policy formulations. The Central Statistics Office (CSO), Ministry of Statistics and Programme Implementation has revised the Base Year of the Consumer Price Index (Combined) from 2010=100 to 2012=100 with effect from the release of indices for the month of January 2015. The Office of the Economic Adviser in the Department of Industrial Policy and Promotion, Ministry of Commerce & Industry is responsible for compiling WPI and releasing it. Latest revision of WPI has been done by shifting base year from 2004-05 to 2011-12.

The strenuous efforts put in by the officers / officials of the Price & Coordination Unit of the Directorate of Economics & Statistics, Delhi are highly appreciated to bring out this report.

I hope this report will be of immense help to the policy makers, Planners and Research Scholars interested in the study of Price trends in Delhi and at National level.

Constructive comments and suggestions, if any, for improving the future publications are most welcome.

**DELHI** 

(RAKESH BALI, IAS)

SEPTEMBER 2018

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### INTRODUCTION

A Consumer Price Index (CPI) is designed to measure the changes over time in general level of retail prices of selected goods and services that households purchase for the purpose of consumption. Such changes affect the real purchasing power of consumers' income and their welfare. The CPI measures price changes by comparing, through time, the cost of a fixed basket of commodities. The basket is based on the expenditures of a target population in a certain reference period. Since the basket contains commodities of unchanging or equivalent quantity and quality, the index reflects only pure price. Traditionally, CPI numbers were originally introduced to provide a measure of changes in the living costs of workers, so that their wages could be compensated to the changing level of prices. However, over the years, CPIs have been widely used as a macroeconomic indicator of inflation, and also as a tool by Government and Central Bank for targeting inflation and monitoring price stability. CPI is also used as deflators in the National Accounts. Therefore, CPI is considered as one of the most important economic indicators.

Given the many uses of CPIs, it is unlikely that one index can perform equally satisfactory in all applications. Therefore, there is a practice of compiling several CPI variants for specific purpose. Each index should be properly defined and named to avoid confusion. The purpose of CPI should influence all aspects of its construction.

In India, segment specific CPIs, namely CPI (IW), CPI (AL), CPI (RL) are being compiled regularly, catering to the need of specific population group. CPI (UNME), which has been discontinued w.e.f. December 2010, was meant

for urban non-manual employees. All these above-mentioned indices depict change in the level of average retail prices of goods and services consumed by specific segment of population, which they refer.

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

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

## METHODOLOGY FOR COMPILATION OF CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS COMPILED BY LABOUR BUREAU, GOVT OF INDIA (BASE: 2001=100)

The history of compilation & maintenance of Consumer Price Index Numbers for industrial Workers owes its origin to the deteriorating economic condition of the workers on account of abnormal rise in prices following the First World War. As a result of sharp rise in prices and the cost of living, some Provincial Governments started conducting Family Budget Enquiries and compilation of Consumer Price Index Numbers for Industrial Workers in the country. But none of them was entirely satisfactory. In pursuance of the recommendations made by the Rau Court of Enquiry, the job of compilation & maintenance of Consumer Price Index Numbers for Industrial Workers was taken over by the Central Govt. in 1941. However, the compilation of index numbers on uniform and scientific lines was started only after the conduct of the Family Living Surveys by the Labour Bureau during 1958-59 at 50 important industrial centres, spread over length and breadth of the country, under the guidance of the Technical Advisory Committee on Cost of Living Index Numbers and compilation of Consumer Price Index Numbers for Industrial Workers on base 1960=100. Since then the compilation and maintenance of Consumer Price Index Numbers are being done by the Labour Bureau on a continuous basis. The series (1982=100) had replaced the old (1960=100) series in December 1988 with the release of October, 1988 index. The new series on base 2001=100 has been released on 9th March, 2006 with January 2006 index which has replaced the earlier (1982=100) series. Labour Bureau is

the competent authority under the Minimum Wages Act, 1948 to ascertain, from time to time, the Consumer Price Index Numbers applicable to employees employed in the Scheduled employments in respect of all the undertakings in the Central Sphere and the Union Territories (Notification No. LWI-24(3) dated 24th October, 1949). With a view to improving the quality and uniformity of the labour statistics collected by various States and Central authorities, the Bureau maintains liaison with the concerned agencies.

#### **SCOPE AND COVERAGE**

Under the 1960 series of Consumer Price index Numbers for Industrial Workers, the coverage of Industrial Workers was limited to 3 sectors i.e. Factories, Mines and Plantations. The coverage of the Industrial Workers for 1982 and 2001 series for the conduct of Family Income & Expenditure Surveys was extended to seven sectors by including four more sectors viz. i) Railways, ii) Public Motor Transport Undertakings, iii) Electricity Generating and Distributing Establishments, and iv) Ports and Docks. A Working Class Family is defined as one wherein one of the members worked as a manual worker in any of the 7 sectors listed above and which derived half or more of its monthly income through manual work.

Under the 2001=100 series, the Labour Bureau has been compiling Consumer Price Index Numbers for Industrial Workers for 78 selected centres and all-India as against 70 centres in the 1982 series. These 78 centres were selected on the basis of their industrial importance in the country and distributed among different States in proportion to the

industrial employment in the State subject to a maximum allotment of 5 centres per state per sector.

#### **WEIGHTING DIAGRAM**

The Centre-wise Weighting Diagrams for the Index have been derived from the results of Working Class Family Income and Expenditure Surveys conducted during 1999-2000 in all the 78 selected centres. The survey was conducted over a period of 12 months in each selected centre during 1999-2000, when an equal number of a moving sample of families was canvassed every month. The data collected through this survey was thoroughly scrutinised and inconsistencies, if any, were got rectified before getting it tabulated for the purpose of derivation of Weighting Diagrams. As it was not feasible to monitor the price behaviour of all the items on which index population reported consumption expenditure (nor it is necessary), only representative items were retained in the index basket, which were manageable over time. For this purpose, the first step was to form group of items which meet similar or related demands of the consumers.

The total expenditure on consumption items was divided into 6 main groups viz.

I - Food II - Pan, Supari, Tobacco & Intoxicants III - Fuel & Light IV - Housing V - Clothing, Bedding & Footwear VI - Miscellaneous
In the first and the last group, a few well-defined sub-groups have also been formed.

Weights, which indicate relative importance attached to different items of goods and services consumed by the index population, are determined on the basis of expenditure made by the targeted industrial workers on these goods and services. However, the expenditures on non consumption items are excluded from the weighting diagram.

The items directly retained in the basket were those which a) constitute atleast one percent expenditure in the Group/Sub-Group; (b) had significant number of families reporting expenditure; and c) could be priced satisfactorily over the life of the series. The remaining items were imputed to related items or to a group of items depending upon their similarity of want satisfying capacity, manufacturing process or price behaviour, etc. The percentage expenditure on each item in the sub-group/group represents its weight. Similarly, the percentage expenditure on subgroup/group in the Group/Total consumption expenditure represent their weight.

#### **RETAIL PRICES**

The retail prices used in the index calculation are those actually charged to the consumers for cash transaction and are inclusive of all taxes which are payable by him. However, rebates and discounts given to consumers in general are taken into account. Thus, the retail price may be defined as money cost to the consumer of a specified unit of sale which is inclusive of all taxes but excludes all rebates, discounts, etc. The retail prices of price sensitive items such as cereals, pulses, vegetables & fruits, oils & fats, etc. are collected on a weekly basis. Similarly, the prices of some other items like cinema, furniture, utensils, clothing, house-hold appliances, etc., which

are known to vary less frequently, are collected on monthly basis. However, the price data relating to house rent, school/college fees and books, etc. are collected on six-monthly/yearly basis as these items do not show much change in their price behaviour. The retail prices of the selected items are collected on the fixed date/day by part-time Price Collectors, who are generally the employees of the State Governments working either with the Directorate of Economics and Statistics or Labour Department, and sent to the Headquarter for further processing. While collecting prices, various elements such as fixity of markets, shops, specifications, unit of purchase, day and time of price quotations, etc. are maintained for the purpose of comparability. These price data, after cleaning them for conceptual/factual errors at various levels, are utilised for the compilation of index numbers.

#### **HOUSING INDEX**

For compiling housing index, the rented, self-owned and rent free houses are taken into account. The rental data for self-owned houses are collected from the comparable rented dwellings of the locality or within the vicinity of the locality. However, for rent-free houses, rent index is frozen at 100. Thus, for compiling the housing group index, three separate indices are compiled for rent-free, rented and self-owned houses and these indices are combined by using their respective weights, which are proportion of families residing in these three categories of houses, to work out the weighted housing index for the centre. Housing index is compiled by following 'Chain Base method', once in every six months viz., January and July and kept constant for the subsequent five months. Rental data, for utilising in the compilation of housing index, are collected by the field

officials of the Labour Bureau, twice a year, from a sample of dwellings through half yearly Repeat House Rent Surveys.

#### **COMPILATION OF INDEX**

The Consumer Price Index for a given centre is compiled by using the Laspeyres' base weighted formula. The formula in its aggregative form is expressed as below:-

where I n is the index for a given period (current month), p o and p n are base and current prices respectively of an item, q o is the quantity of that item consumed in the base period and the summation ' $\Sigma$ ' extends over all the items included in the index. The formula can be expressed as:-

where the expression  $p \, n \, / \, p \, o$  is the price relative (PR) of a given item and  $q \, o \, p \, o$  which in fact, is the expenditure on that item in the base period, comes out as the weight for the price relative ( $p \, n \, / \, p \, o$ ) for averaging the price relatives of all the items included in the index. The price-relative for a given item is the ratio of average price of the item for the current month to the corresponding base price. For an item for which the prices are collected for more than one variety, the price relative is first calculated separately for

each variety and then a simple average of these price relatives is taken as the price-relative of the item.

The index of each selected centre is compiled in several stages i.e. Subgroup, Group and General level every month.

In the first stage, price quotations of an item in all outlets of all the markets in a month are averaged for a centre. On the basis of this average price, a price relative (over base period price), or item index as known in some of the countries, is worked out. However, in case of certain items which are supplied through subsidised outlets (fair price shops), first the weighted average price of open market and fair price outlets in each selected market of a centre is worked out (weight being availability ratio in the respective outlets in that month). In the next stage, a simple average of these market prices is worked out to arrive at the centre price. On the basis of this average centre price, a price relative is worked out. The sub-group or group index is worked out as a weighted average of an item/sub-group index respectively. The general index of a centre is worked out as a weighted average of group indices.

An all-India index, which is weighted average of 78 centre indices, is also worked out every month. The weight assigned to each centre is the proportion of the total consumption expenditure of estimated number of families allocated to a centre in the State to sum total of all such expenditure over all centres in the country.

#### **COMPUTATION OF HOUSE RENT INDEX**

A special feature of the series of Consumer Price Index Numbers for industrial workers is the revision of house rent index periodically for taking

into account the changes in house rent. Unlike prices of other items which are collected from shops/outlets, house rents are collected from a sample of dwellings inhabited by working class families. For the series on base 1982, the data on house rent has been collected twice a year in respect of each selected dwellings, the sample of dwellings has been staggered uniformly over each half year (viz. January to June and July to December), known as a Round of the Repeat House Rent Survey. The sample dwellings were covered in each Round in the same order (month to month) so as to maintain an interval of approximately six months between two successive visits to the same dwellings. The dwellings selected for the purpose of Repeat House Rent Survey were those occupied by a sub-sample of industrial workers' families covered in the working class family income and expenditure survey (1981-82) in each centre. The sample was kept fixed subject to substitutions necessitated by casualties, etc.

The agency for collection of house rent data is the field staff of the Labour Bureau posted in its Regional Offices. For the series on base 1982, the collection of house rent data started in the half-yearly Round: January to June 1983 in all the centres. However, during this Round house rent data for the period July to December, 1982 was collected, which was taken as the base period for the house rent index. The house rent index has been calculated once in every six months i.e. in January and July of every year, and is kept constant for the entire six months on account of the tendency of house rent to remain more or less stable over short periods.

For the purpose of the house rent index, only one item namely, rent for the dwelling, is priced. Rent includes charges incurred on repairs, maintenance, etc. but excludes electricity, water and sweeper charges. However, taxes (municipal, corporation, road, etc.) payable by tenants are included in the rent. Since rent is the only item of the Housing Group, the house rent index is itself the Group Index. Unlike the indices for the other groups/sub-groups, the index is calculated on the chain base method. In this method the total rent during the current round (6 monthly period) is expressed as a percentage of total rent during the preceding round and this percentage is multiplied by the rent index of the preceding period to yield the index for the current period. This index is not the same as the price relative based on the base period because in calculating link relatives (linking current rent to rent in the preceding period), only rents from the matching dwellings (i.e. those common to the two rounds) are taken into account, and the rent relative is based on the total rent of the dwellings. The half-yearly revisions in the index have been made on the basis of the rent figure for the preceding 6 months.

For compilation of the housing index actual rents of rented houses, rents for comparable rented houses in case of owned houses have been collected through six-monthly house rent survey and rent for free houses is kept frozen at 100. Separate house rent indices are compiled for rented houses using their rent data, and owned houses using the rent data collected for comparable rented houses. In case the comparable rented houses are not available for owned houses, their index is taken to be the same as that of rented houses. These three housing indices are then combined as weighted arithmetic average using weights which are proportions of families residing in rented houses, owner occupied houses and free houses as revealed by

the working class family income and expenditure survey. This combined housing index is used for compiling general index of a centre.

#### **SEASONALITY**

There are a number of agricultural items especially fruits and vegetables, which are seasonal in nature and they are not available for pricing throughout the year. Even if they are available in smaller quantities, their prices are very high and cannot be considered suitable for index computation. When a particular seasonal item disappears from the market and its prices are not available because of its being out of season, the weight of such item is imputed amongst the other items on pro-rata basis, within the same sub-group with the assumption that if the item was available, the prices of the item would have moved in the same proportion as the prices of the other items in the sub-group, which are available. This is equivalent to giving a greater weight to the remaining items. Alternatively, the seasonality problem can be sorted by adopting other methods like (a) prices of unavailable items can also be extrapolated forward from the period of the availability or (b) if such seasonal item has insignificant weight it can be taken out permanently from the item basket, etc.

In view of the seasonal nature of the items included in the sub-group 'Fruits and Vegetables' (under the 'Food' group), a partial departure from the fixed basket approach is adopted in selection of items for the sub-group as well as in the method of compilation of the index. The sub-group weight which was determined from the average budget, was kept fixed throughout the

year but the items constituting the sub-group and weights for the individual items within the sub-group, vary from month to month within the year so as to take into account the seasonal variation in consumption and prices while calculating the monthly indices for the subgroup. The items selected for a monthly basket were those on which price data were available in that month. The availability period of various fruits and vegetables was determined after studying their prices for two or three years from different markets of the centre. The expenditure on all other items which were not included in the monthly basket (for reasons of low weightage, etc.), was suitably imputed to all the included items within the sub-group. In this manner, the item coverage and item weights were fixed for each monthly basket and the total sub-group weight within the group was kept constant from month to month — it being the one which was derived from the average (annual) budget.

The prices for fruits and vegetables in a particular month have been collected in respect of only those items which are included in the basket for that month. The price-relatives of the items for a month have been calculated with reference to the average prices of these items for the base year. The sub-group index for each month was compiled as weighted average of price relatives, the items changing from month to month. Thus, the method used for overcoming the problem of seasonality in fruits and vegetables, was a combination of seasonally (i.e. monthly) varying weights and unadjusted price-relatives.

## CONSUMER PRICE INDEX COMPILED BY CENTRAL STATISTICS OFFICE, GOVT OF INDIA (Base Year 2012 = 100)

The National Statistical Commission (NSC), under Dr. C. Rangarajan, in its Report (2001), observed that CPI numbers catering to specific segments of the population can be considered as partial indices only. These indices are not oriented to reflect a true picture of the price behavior and effect of price fluctuations of various goods and services consumed by the general population in the country, over a period of time. This Commission, therefore, recommended for compilation of CPI for rural and urban areas. The recommendation of NSC (2001) was further endorsed by the Standing Committee on Finance (2009-10) (15th Lok Sabha, 6th Report on Inflation and Price Rise), which asked the Government to act upon this recommendation without any further delay and accordingly expedite the compilation of the nation—wide Consumer Price Index for urban and rural areas, as a prelude to formulating a national CPI.

In this backdrop, the Technical Advisory Committee (TAC) on Statistics of Prices and Cost of Living (SPCL) in its forty-fourth meeting held on 30th December, 2005 took the following decisions:

- a) The resources proposed to be utilized for revision of CPI (UNME) may be used for compilation of CPI (Urban) and CPI (Rural).
- b) Existing series of CPI (UNME) may be continued without revision till CPI (Urban) series gets stabilized.

c) Consumer Expenditure Survey (CES) data of the NSS5 61st round may be used for construction of weighing diagrams for proposed CPI (Urban) and CPI (Rural) series.

Accordingly, the Central Statistics Office (CSO), Ministry of Statistics and Programme Implementation started releasing Consumer Price Indices (CPI) on base 2010=100 for all-India and States/UTs separately for rural, urban and combined every month with effect from January, 2011. The Price Reference Year for this series is 2010, whereas Weight Reference Year is 2004-05. Ideally, these two reference years should be identical so that prices are collected of those items which belong to the basket of consumers in true sense. It is not always possible to have both the reference years identical, but it is desirable to minimize the gap between these two. The base year has been accordingly revised from 2010 to 2012, and the revised series is released w.e.f. January, 2015. The basket of items and their weighing diagrams have been prepared using the Modified Mixed Reference Period (MMRP) data of Consumer Expenditure Survey (CES), 2011-12, which is 68th Round of National Sample Survey (NSS). This has been done to make it consistent with the international practice of shorter reference period for most of the food items and longer reference period for the items of infrequent consumption/purchase. The weighing diagrams of old series of CPI were based on the Uniform Reference Period (URP) data of CES, 2004-05, of the 61st Round of NSS. With this change in the weighing diagrams, the gap between Weight Reference Year and Price Reference Year (Base Year), which was six years in the old series, has now been

reduced to six months only. Many methodological changes have also been incorporated in the revised series to make the indices more robust.

The year in which the average prices, of goods and services consumed, are taken as base price and equated to 100 and accordingly, CPI for Base Year is 100. The year in respect of which the data of consumer expenditure survey was used to compute weights for aggregating elementary indices to compile higher level indices i.e. sub-group, group and overall indices. MMRP - Data on expenditure incurred are collected for the items falling under edible oil, egg, fish and meat, vegetables, fruits, spices, beverages and processed foods, pan, tobacco and intoxicants during last seven days; clothing, bedding, footwear, education, medical (institutional), durable goods during last 365 days; all other food, fuel and light, miscellaneous goods and services including non-institutional medical; rents and taxes during last 30 days.

#### **WEIGHTING DIAGRAM**

Weighing diagram gives the share of each item in the total consumption expenditure in a CES. The weighing diagrams for the CPI series (Base 2012=100) have been derived on the basis of average monthly consumer expenditure of an urban/rural household obtained from MMRP data of NSS 68th round Consumer Expenditure Survey (2011-12). Only consumption expenditure has been considered for the purpose of preparation of weighing diagrams. Non-consumption expenditures, like legal expenses etc. have been excluded.

Further, it is neither necessary nor desirable to include all consumption items figuring in the Consumer Expenditure Survey (Schedule -1.0, NSS

68th Round) in the CPI basket. Inclusion of items having negligible weights/shares and also consumed by very few households will make the basket big and virtually have no impact of these items on the overall index. On the other hand, large number of items may also increase the chance of non-response error. At the same time, the basket should not be too small. It should be of optimum size covering all sections of items in a more representative way. Keeping only one benchmark criterion may not lead to a representative basket, therefore, multiple norms have been designed to include administered items, items having reasonable share of expenditure, and items consumed by most of the households in a given State/UT.

## WHOLE PRICE INDEX COMPILED BY O/o ECONOMIC ADVISOR, GOVT OF INDIA (Base Year 2004-05 = 100)

#### IMPORTANCE OF WHOLESALE PRICE INDEX

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

#### NODAL OFFICE FOR COMPILATION OF WPI

The Office of the Economic Adviser in the Department of Industrial Policy and Promotion, Ministry of Commerce & Industry is responsible for compiling WPI and releasing it. The Office published for the first time, the index number of

wholesale prices, with base week ended August 19, 1939= 100, from the week commencing January 10, 1942. Since 1947 the index is being published regularly.

### Revision of base year of All-India Wholesale Price Index (WPI) from 2004-05 to 2011-12.

The Government periodically reviews and revises the base year of the macroeconomic indicators as a regular exercise to capture structural changes in the economy and improve the quality, coverage and representativeness of the indices. In this direction, the base year of All-India WPI has been revised from 2004-05 to 2011-12 by the Office of Economic Advisor (OEA), Department of Industrial Policy and Promotion, Ministry of Commerce and Industry to align it with the base year of other macroeconomic indicators like the Gross Domestic Product (GDP) and Index of Industrial Production (IIP).

The Wholesale Price Index (WPI) series in India has under gone six revisions in 1952-53,1961-62,1970-71,1981-82,1993-94 and 2004-05 so far. The current series is the seventh revision. The revision entails shifting the base year to 2011-12 from 2004-05, changing the basket of commodities and assigning new weights to the commodities. It has generally been the practice to undertake the revisions on the advice of a Working Group constituted each time. For the new series with base 2011-12=100, a Working Group was constituted on 19<sup>th</sup> March 2012 chaired by Late Dr. Saumitra Chaudhri, Member, erstwhile Planning Commission and comprised most stakeholders.

#### **New Weighting Structure**

The major changes in weights, number of items and quotations between WPI 2004-05 and WPI 2011-12 are given in the table below.

Major Group	Weights		No. of Ite	ms	No. of Que	No. of Quotations		
	2004-05	2011-12	2004-05	2011-12	2004-05	2011-12		
All Commodities	100.0	100.00	676	697	5482	8331		
PRIMARY ARTICLES	20.12	22.62	102	117	579	983		
FUEL & POWER	14.91	13.15	19	16	72	442		
MANUFACTURED PRODUCTS	64.97	64.23	555	564	4831	6906		

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### **BRIEF ANALYSIS**

#### TREND OF OVERALL INFLATION RATES IN DELHI, BASED ON CPI (IW)

Overall monthly inflation rates (point to point basis) in Delhi, based on CPI (IW) are given in following Statement 1.

## Statement -1 MONTH AND YEAR WISE CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS IN DELHI (GENERAL INDEX) DURING 2008-2017

Month				Ba	se Year	2001	=100			
/Year	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
1	2	3	4	5	6	7	8	9	10	11
January	128	141	158	173	181	200	215	228	239	249
February	129	140	157	170	182	202	213	227	237	249
March	132	141	157	169	185	204	215	228	238	250
April	134	143	158	172	188	206	219	229	242	251
May	135	143	159	172	189	200	219	232	242	252
June	136	144	159	172	188	203	222	232	244	252
July	138	150	164	178	194	210	229	235	253	263
August	139	151	164	178	195	215	229	239	252	264
September	141	152	169	182	197	216	230	240	253	263
October	145	152	168	184	198	218	230	241	253	262
November	144	155	168	182	198	221	229	242	252	264
December	141	156	169	182	199	214	227	240	249	263
Annual Average	137	147	163	176	191	209	223	234	246	257
% variation over previous year	7.0	7.3	10.9	8.0	8.5	9.4	6.7	4.9	5.1	4.5

Inflation, based on CPI (IW), has been ranging from 4.5% to 10.9% during the years 2008 to 2017. The price rise was minimum in the year 2017 with 4.5% increase over previous year and maximum in 2010 with 10.9% inflation rate.

Looking at the annual average during the last 10 years from 2008 to 2017, we find that the inflation rate was 7.23%.

Month wise and average annual inflation rates observed in the CPI (IW) in Delhi are given as follows:

# Statement -2 MONTH AND YEAR WISE VARIATIONS IN CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS IN DELHI (GENERAL INDEX) DURING 2009-2017

(In %)

Month				Base \	ear 20	01=100	)		
/Year	200 9	2010	2011	2012	2013	2014	2015	201 6	2017
1	2	3	4	5	6	7	8	9	10
January	10.2	12.1	9.5	4.6	10.5	7.5	6.0	4.8	4.2
February	8.5	12.1	8.3	7.1	11.0	5.4	6.6	4.4	5.1
March	6.8	11.3	7.6	9.5	10.3	5.4	6.0	4.4	5.0
April	6.7	10.5	8.9	9.3	9.6	6.3	4.6	5.7	3.7
Мау	5.9	11.2	8.2	9.9	5.8	9.5	5.9	4.3	4.1
June	5.9	10.4	8.2	9.3	8.0	9.4	4.5	5.2	3.3
July	8.7	9.3	8.5	9.0	8.2	9.0	2.6	7.7	4.0
August	8.6	8.6	8.5	9.6	10.3	6.5	4.4	5.4	4.8
September	7.8	11.2	7.7	8.2	9.6	6.5	4.3	5.4	4.0
October	4.8	10.5	9.5	7.6	10.1	5.5	4.8	5.0	3.6
November	7.6	8.4	8.3	8.8	11.6	3.6	5.7	4.1	4.8
December	10.6	8.3	7.7	9.3	7.5	6.1	5.7	3.8	5.6
Annual Variations	7.3	10.9	8.0	8.5	9.4	6.7	4.9	5.1	4.4

Month wise analysis of variations observed in the CPI (IW) in Delhi reveals that annual average inflation rates during the period 2009 to 2017 was ranging between 6.8% during the months of October to 7.7% in the months of January.

During the year 2017, the maximum inflation rate was observed in the month of December with 5.6% and minimum in the month of June with 3.3 % increase over the corresponding month of previous year.

A comparative picture of Group wise CPI (IW) in Delhi During the years 2008 to 2017 may be seen in the Statement 3 as follows:

## Statement- 3 GROUP WISE CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS IN DELHI (ANNUAL AVERAGE)

	00010				В	ase Ye	ar 2001	l=100			
	GROUP	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
1	2	3	4	5	6	7	8	9	10	11	12
1	FOOD	142	158	174	189	206	231	246	265	278	289
	% variation over previous year	10.1	11.3	10.1	8.6	9.0	12.1	6.5	7.7	4.9	4.0
2	PAN, SUPARI, TOBACCO & INTOXICANTS	124	131	146	171	193	220	236	258	288	313
	% variation over previous year	6.0	5.6	11.5	17.1	12.9	14.0	7.3	9.3	11.6	8.7
3	FUEL AND LIGHT	152	152	163	181	203	220	253	222	216	226
	% variation over previous year	2.0	0	7.2	11.0	12.2	8.4	15.0	- 12.3	-2.7	4.6
4	HOUSING	124	132	150	167	175	190	202	212	227	240
	% variation over previous year	1.6	6.5	13.6	11.3	4.8	8.6	6.3	5.00	7.1	5.7
5	CLOTHING, BEDDING & FOOTWEAR	116	120	131	155	179	190	198	208	216	230
	% variation over previous year	3.6	3.4	9.2	18.3	15.5	6.1	4.2	5.1	3.8	6.5
6	MISCELLANEOUS	141	149	160	163	177	186	196	203	213	220
	% variation over previous year	4.4	5.7	7.4	1.9	8.6	5.1	5.4	3.6	4.9	3.3
7	GENERAL INDEX	137	147	163	176	191	209	223	234	246	257
	% variation over previous year	7.0	7.3	10.9	8.0	8.5	9.4	6.7	4.9	5.1	4.5

#### **FOOD**

In food group, maximum inflation rate was observed during the year 2013 with 12.1% increase, whereas minimum was during 2017 with 4.0 % hike.

#### PAN, SUPARI, TOBACCO & INTOXICANTS

In pan, supari, tobacco and intoxicant groups' maximum inflation rate was observed during the year 2011 with 17.1% increase, whereas minimum was during 2009 with 5.6% hike. During the year 2017, the increase was 8.7% over previous year.

#### **FUEL AND LIGHT**

In fuel and light group, maximum inflation rate was observed during the year 2014 with 15.0% increase, whereas CPI was decreased during 2015 with 12.3%. During the year 2017, the increase was 4.6 over previous year.

#### HOUSING

As per CPI in housing group, maximum inflation rate was observed during the year 2010 with 13.6% increase, whereas minimum was during 2008 with 1.6%. During the year 2017, the increase was 5.7% over previous year.

#### **CLOTHING, BEDDING & FOOTWEAR**

In Clothing, bedding and footwear, maximum inflation rate was observed during the year 2011 with 18.3% increase, whereas minimum was during 2009 with 3.4%. During the year 2017, the increase was 6.5 % over previous year.

#### **MISCELLANEOUS**

Miscellaneous Group consists of items falling under the categories of medicines, medical services, education services, stationery, recreation,

transport and communication, personal care effects, household requisites and other services viz. hair cutting, tailoring etc. In Miscellaneous group CPI, maximum inflation rate was observed during the year 2012 with 8.6% increase, whereas minimum was during 2011 with 1.9%. During the year 2017, the increase was 3.3% over previous year.

#### INFLATION RATES CALCULATED BY CPI (IW) IN DELHI AND ALL INDIA

A comparative picture showing the annual inflation rates in Delhi observed during the years 2008 to 2017 as compared to all India may be seen in the Statement 4 below:

Statement -4
YEAR WISE INFLATION RATES AS PER CPI (IW)
IN DELHI AS COMPATED TO ALL INDIA (GENERAL INDEX) DURING
2008-2017 (Base Year 2001=100)

Year			%	₀ variat	ion ove	er prev	ious ye	ar		
i eai	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
DELHI	7.0	7.3	10.9	8.0	8.5	9.4	6.7	4.9	5.1	4.5
ALL INDIA	8.4	10.6	12.1	9.1	8.9	11.0	6.5	5.7	5.0	2.6

It is evident from the above statement that during the years 2008 to 2017, Delhi has lower inflation rates as compared to All India, except during the year, 2014, 2016 and 2017 in which inflation rates in Delhi were 6.7%, 5.1% and 4.5% and in All India, it was marginally lower with 6.5%, 5.0% and 2.6% over previous year respectively. During the last 10 years period, maximum inflation rates in Delhi as well as at All India level were observed

in the year 2010 with 10.9% increase in Delhi as compared 12.1% at All India level during the year 2010.

## FINANCIAL YEAR WISE TREND OF OVERALL INFLATION RATES IN DELHI AND ALL INDIA BASED ON DIFFERENT PRICE INDICES VIZ. CPI (IW), CPI (COMBINED) & WPI:

A comparative picture showing the annual inflation rates in Delhi observed during the financial years 2015-16, 2016-17 and 2017-18 as compared to all India level may be seen in the following Statement:

Statement-5

CPI(IW) and CPI(C) for DELHI

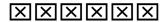
INDICES	2015-16	2016-17	% Variation	2016-17	2017-18	% Variation
CPI(IW)	237	249	5.1	249	261	4.8
CPI(Combined)	123	130	5.7	130	136	4.6

CPI(IW), CPI(C) and WPI for All INDIA

INDICES	2015-16	2016-17	% Variation	2016-17	2017-18	% Variation
CPI(IW)	265	276	4.2	276	284	2.9
CPI(Combined)	125	130	4.0	130	135	3.8
WPI	110	112	1.8	112	115	2.7

It is evident from the above said statement that average annual inflation rates, based on CPI (IW), for the years 2016-17 and 2017-18, were 4.2% and 2.9% respectively at all India level, whereas as per CPI (Combined) compiled by the CSO for the years 2016-17 and 2017-18 the inflation rates stood at 4.0% and 3.8% respectively. However, inflation rate based on WPI for the years 2016-17 and 2017-18, were 1.8% and 2.7% respectively. It is observed that the CPI (IW) and CPI (Combined) are showing similar trends, whereas inflation rates based on wholesale prices are on lower side.

For Delhi, average annual inflation rates, based on CPI (IW), for the years 2016-17 and 2017-18, were 5.1%, and 4.8% respectively as compared to 5.7%, and 4.6% inflation rates calculated for Delhi based on CPI (Combined) compiled by the CSO during the years 2016-17 and 2017-18 respectively.



## TABLE No : 1.1 MONTH AND YEAR WISE CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS IN DELHI (GENERAL INDEX)

	Base Year 1982=100					Bas	e Year	2001=1	00				
Month /Year	2005*	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
1	2	3	4	5	6	7	8	9	10	11	12	13	14
January	113	116	124	128	141	158	173	181	200	215	228	239	249
February	113	117	125	129	140	157	170	182	202	213	227	237	249
March	113	119	125	132	141	157	169	185	204	215	228	238	250
April	115	120	128	134	143	158	172	188	206	219	229	242	251
Мау	114	120	128	135	143	159	172	189	200	219	232	242	252
June	114	122	128	136	144	159	172	188	203	222	232	244	252
July	116	123	130	138	150	164	178	194	210	229	235	253	263
August	116	124	131	139	151	164	178	195	215	229	239	252	264
September	117	125	132	141	152	169	182	197	216	230	240	253	263
October	119	126	131	145	152	168	184	198	218	230	241	253	262
November	119	125	130	144	155	168	182	198	221	229	242	252	264
December	118	125	129	141	156	169	182	199	214	227	240	249	263
Annual Average	116	122	128	137	147	163	176	191	209	223	234	246	257
% variation over previous year		5.2	4.9	7.0	7.3	10.9	8.0	8.5	9.4	6.7	4.9	5.1	4.5

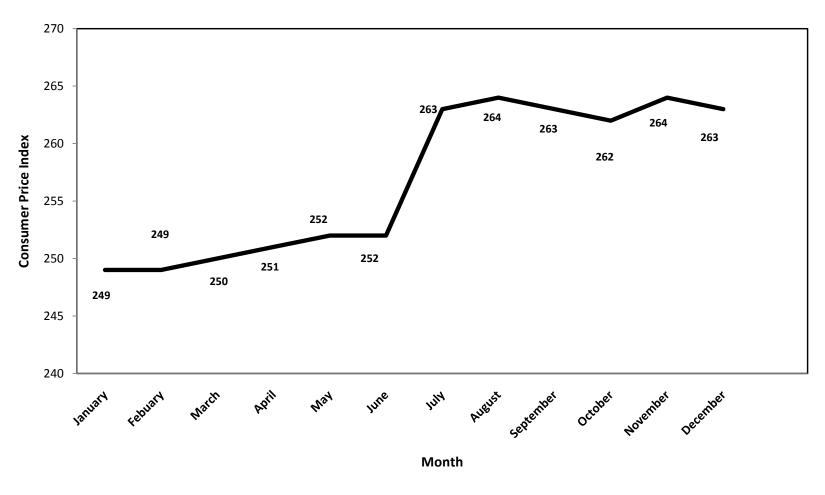
SOURCE: LABOUR BUREAU SHIMLA

Base Year 1982=100 changed to 2001=100 w.e.f. 1.1. 2006

\*Converted figure according to base year 2001=100

Linking factor for changing old base year 1982=100 into new base year 2001=100 is 5.60





## TABLE No:1.2 GROUP WISE CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS IN DELHI (ANNUAL AVERAGE)

	GROUP	Base Year 1982=100					Bas	e Yea	r 2001	=100				
		2005*	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
1	2	4	5	6	7	8	9	10	11	12	13	14	15	16
1	FOOD	110	117	129	142	158	174	189	206	231	246	265	278	289
	% variation over previous year	2.0	6.4	10.3	10.1	11.3	10.1	8.6	9.0	12.1	6.5	7.7	4.9	4.0
2	PAN, SUPARI, TOBACCO & INTOXICANTS	107	110	117	124	131	146	171	193	220	236	258	288	313
	% variation over previous year	1.3	2.8	6.4	6.0	5.6	11.5	17.1	12.9	14.0	7.3	9.3	11.6	8.7
3	FUEL AND LIGHT	141	149	149	152	152	163	181	203	220	253	222	216	226
	% variation over previous year	12.9	5.7	0	2.0	0	7.2	11.0	12.2	8.4	15.0	-12.3	-2.7	4.6
4	HOUSING	114	120	122	124	132	150	167	175	190	202	212	227	240
	% variation over previous year	34.1	5.3	1.7	1.6	6.5	13.6	11.3	4.8	8.6	6.3	5.00	7.1	5.7
5	CLOTHING, BEDDING & FOOTWEAR	107	110	112	116	120	131	155	179	190	198	208	216	230
	% variation over previous year	4.1	2.8	1.8	3.6	3.4	9.2	18.3	15.5	6.1	4.2	5.1	3.8	6.5
6	MISCELLANEOUS	124	129	135	141	149	160	163	177	186	196	203	213	220
	% variation over previous year	1.5	4.0	4.7	4.4	5.7	7.4	1.9	8.6	5.1	5.4	3.6	4.9	3.3
7	GENERAL INDEX	116	122	128	137	147	163	176	191	209	223	234	246	257
	% variation over previous year		5.2	4.9	7.0	7.3	10.9	8.0	8.5	9.4	6.7	4.9	5.1	4.5

SOURCE:- LABOUR BUREAU SHIMLA

Base Year 1982=100 changed to 2001=100 wef 1.1.2006

\*Converted figure according to base year 2001=100

#### TABLE No: 1.3

## GROUP/SUB-GROUPWISE CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS IN DELHI FOR THE YEAR 2016 & 2017 (Calendar Year wise)

(Base year 2001=100)

GROUP	SUB-GROUP	WEIGHT	2016	2017	% variation in 2017 over 2016
1	2	3	4	5	6
ı	FOOD				
a)	Cereals & Products	8.31	262	284	8.4
b)	Pulses & Products	2.99	384	296	-22.9
c)	Oils&Fats	2.81	235	230	-2.1
d)	Meat, Fish,& Eggs	1.85	361	372	3.0
e)	Milk& Products	11.41	276	300	8.7
f)	Condiments&Spices	2.39	258	276	7.0
g)	Vegetables & Fruits	6.36	282	287	1.8
h)	Others food	7.63	258	281	8.9
	FOOD TOTAL(Group)	43.75	278	289	4.0
II	Pan,Supari, Tobacco& Intoxicants	2.12	288	313	8.7
III	Fuel & Light	5.39	216	226	4.6
IV	Housing	20.72	227	240	5.7
٧	Clothing,Bedding & Footwear	5.68	216	230	6.5
VI	MISCELLANEOUS				
a)	Medical Care	3.30	248	247	-0.4
b)	Education, Recreation & Amusement	6.30	194	196	1.0
c)	Transport & Communication	5.12	190	199	4.7
d)	Personal care & Effects	4.44	215	231	7.4
e)	Others	3.18	250	262	4.8
	Miscellaneous Total	22.34	213	220	3.3
	General Index	100.00	246	257	4.5
Source:- L	abour Bureau Shimla			•	•

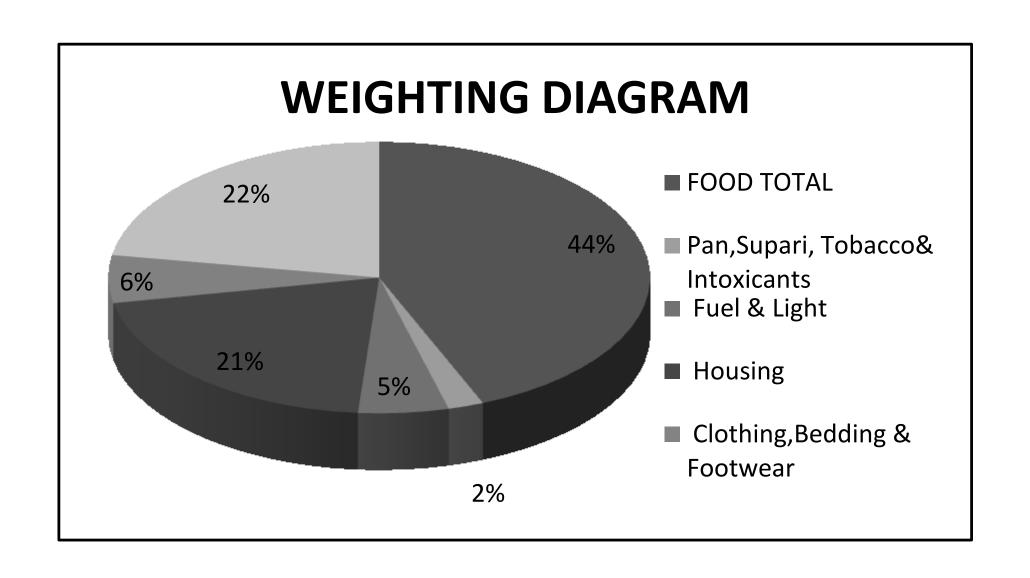
Base Year 1982=100 changed to 2001=100 wef 1.1.2006

## TABLE No: 1.4 GROUP/SUB-GROUPWISE CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS IN DELHI FOR THE YEAR 2016-17 & 2017-18 (Financial Year wise)

(Base year 2001=100)

GROUP	SUB-GROUP	WEIGHT	2016-17	2017-18	% variation
1	2	3	4	5	6
ı	FOOD				
a)	Cereals & Products	8.31	273	281	2.9
b)	Pulses & Products	2.99	372	282	-24.2
c)	Oils&Fats	2.81	236	227	-3.8
d)	Meat, Fish,& Eggs	1.85	365	373	2.2
e)	Milk& Products	11.41	282	302	7.1
f)	Condiments&Spices	2.39	254	293	15.4
g)	Vegetables & Fruits	6.36	278	294	5.8
h)	Others food	7.63	260	297	14.2
	FOOD TOTAL ( Group)	43.75	281	292	3.9
II	Pan,Supari, Tobacco& Intoxicants	2.12	293	320	9.2
III	Fuel & Light	5.39	217	230	6.0
IV	Housing	20.72	230	248	7.8
٧	Clothing,Bedding & Footwear	5.68	219	234	6.8
VI	MISCELLANEOUS				
a)	Medical Care	3.30	248	244	-1.6
b)	Education, Recreation & Amusement	6.30	195	196	0.5
c)	Transport & Communication	5.12	194	200	3.1
d)	Personal & Effects	4.44	221	232	5.0
e)	Others	3.18	253	266	5.1
	Miscellaneous Total	22.34	216	221	2.3
	General Index	100.00	249	261	4.8

Base Year 1982=100 changed to 2001=100 wef 1.1.2006



#### Price Indices 2017-18

#### TABLE No : 1.5 GROUP WISE / MONTH AND YEAR WISE CONSUMER PRICE INDEX NUMBERS FOR **INDUSTRIAL WORKERS IN DELHI FOR 2016 AND 2017**

	GROUP										
MONTH/ YEAR	FOOD	PAN,SUPARI, TOBACCO & INTOXICANTS	FUEL & LIGHT	HOUSING	CLOTHING BEDDING & FOOTWEAR	MISC.	GENERAL INDEX				
1	2	3	4	5	6	7	8				
		Ва	ase Year 2001	=100							
2016											
JANUARY	267	279	215	224	211	209	239				
FEBRUARY	262	279	215	224	211	209	237				
MARCH	265	279	215	224	211	208	238				
APRIL	273	279	215	224	211	209	242				
MAY	274	282	215	224	215	209	242				
JUNE	278	285	215	224	215	208	244				
JULY	291	287	215	230	217	216	253				
AUGUST	288	287	216	230	217	217	252				
SEPTEMBER	289	298	216	230	219	218	253				
OCTOBER	288	298	217	230	217	218	253				
NOVEMBER	286	298	218	230	223	219	252				
DECEMBER	279	299	218	230	223	218	249				
Average	278	288	216	227	216	213	246				
2017											
JANUARY	276	299	218	236	223	219	249				
FEBRUARY	275	301	219	236	225	220	249				
MARCH	276	301	219	236	225	220	250				
APRIL	280	301	220	236	225	220	251				
MAY	281	301	221	236	225	220	252				
JUNE	282	301	221	236	227	220	252				
JULY	298	323	232	243	233	220	263				
AUGUST	301	323	232	243	233	221	264				
SEPTEMBER	298	324	229	243	236	221	263				
OCTOBER	297	324	231	243	233	221	262				
NOVEMBER	300	324	232	243	234	221	264				
DECEMBER	298	328	233	243	235	221	263				
Average	289	313	226	240	230	220	257				

### Group/Sub-Group wise Consumer Price Index Numbers For Industrial Workers in Metro Cities And All India

Month: January, 2017 Base Year: 2001=100

SI. NO.	Group/Sub-Group	ar : 2001=1 All India	Delhi	Mumbai	Chennai	Kolkata
I	Food					<u> </u>
a)	Cereals & Products	277	300	275	287	245
b)	Pulses & Products	360	342	348	352	402
c)	Oils & Fats	285	242	299	287	294
d)	Meat, Fish & Eggs	389	374	427	362	400
e)	Milk & Products	309	287	288	343	260
f)	Condiments & Spices	299	247	282	343	297
g)	Vegetables & Fruits	251	205	258	277	225
h)	Others Food	292	262	292	310	288
	FOOD GROUP	298	276	299	315	286
II	Pan, Supari, Tobacco & Intoxicants	333	299	345	420	357
III	Fuel & Light	251	218	307	118	283
IV	Housing	303	236	281	212	209
٧	Clothing, Bedding & Footwear	207	223	203	189	222
VI	MISCELLANEOUS					
a)	Medical Care	231	246	239	216	215
b)	Education, Recreation & Amusement	183	195	318	118	166
c)	Transport & Communication	256	200	227	221	261
d)	Personal care & Effects	236	229	218	302	222
e)	Others	262	253	237	273	270
	Miscellaneous Group	229	219	252	219	216
	GENERAL INDEX	274	249	281	255	258

#### Group/Sub-Group wise Consumer Price Index Numbers For Industrial Workers in Metro Cities And All India

Month: February, 2017 Base Year: 2001=100

SI. NO.	Group/Sub-Group	All India	Delhi	Mumbai	Chennai	Kolkata
ı	Food					
a)	Cereals & Products	276	293	274	276	239
b)	Pulses & Products	327	315	335	323	403
c)	Oils & Fats	283	242	301	291	300
d)	Meat, Fish & Eggs	392	368	426	367	397
e)	Milk & Products	311	290	288	343	260
f)	Condiments & Spices	296	249	279	351	290
g)	Vegetables & Fruits	258	220	263	306	230
h)	Others Food	295	261	296	313	288
	FOOD GROUP	297	275	299	315	285
II	Pan, Supari, Tobacco & Intoxicants	336	301	345	421	357
III	Fuel & Light	252	219	314	118	285
IV	Housing	303	236	281	212	209
V	Clothing, Bedding & Footwear	208	225	203	189	222
VI	MISCELLANEOUS					
a)	Medical Care	232	248	238	217	216
b)	Education, Recreation & Amusement	183	195	318	117	166
c)	Transport & Communication	256	200	227	221	261
d)	Personal care & Effects	237	227	219	313	222
e)	Others	263	259	237	272	270
	Miscellaneous Group	229	220	251	220	217
	GENERAL INDEX	274	249	282	256	258

## Group/Sub-Group wise Consumer Price Index Numbers For Industrial Workers in Metro Cities And All India

Month: March, 2017 Base Year: 2001=100

SI. NO.	Group/Sub-Group	ar : 2001=1 All India	Delhi	Mumbai	Chennai	Kolkata
I	Food					
a)	Cereals & Products	277	281	275	274	238
b)	Pulses & Products	310	298	312	299	382
c)	Oils & Fats	281	231	302	276	297
d)	Meat, Fish & Eggs	391	368	426	362	393
e)	Milk & Products	313	299	289	346	261
f)	Condiments & Spices	292	240	276	356	278
g)	Vegetables & Fruits	274	243	288	320	249
h)	Others Food	295	261	297	290	290
	FOOD GROUP	298	276	302	310	285
II	Pan, Supari, Tobacco & Intoxicants	337	301	353	421	356
III	Fuel & Light	252	219	314	119	285
IV	Housing	303	236	281	212	209
٧	Clothing, Bedding & Footwear	208	225	203	189	222
VI	MISCELLANEOUS					
a)	Medical Care	232	248	238	223	216
b)	Education, Recreation & Amusement	184	196	318	121	166
c)	Transport & Communication	257	200	227	222	261
d)	Personal care & Effects	238	228	221	296	224
e)	Others	265	261	240	264	270
	Miscellaneous Group	230	220	252	219	217
	GENERAL INDEX	275	250	283	253	258

## Group/Sub-Group wise Consumer Price Index Numbers For Industrial Workers in Metro Cities And All India

Month: April- 2017 Base Year: 2001=100

SI. NO.	Group/Sub-Group	ar : 2001=1 All India	Delhi	Mumbai	Chennai	Kolkata
I	Food					
a)	Cereals & Products	276	281	274	295	240
b)	Pulses & Products	306	300	310	294	381
c)	Oils & Fats	280	229	303	277	293
d)	Meat, Fish & Eggs	392	372	426	360	411
e)	Milk & Products	316	301	290	346	261
f)	Condiments & Spices	291	233	273	348	273
g)	Vegetables & Fruits	293	265	311	326	287
h)	Others Food	296	262	298	292	289
	FOOD GROUP	301	280	305	315	293
II	Pan, Supari, Tobacco & Intoxicants	339	301	355	421	359
III	Fuel & Light	254	220	314	121	286
IV	Housing	303	236	281	212	209
٧	Clothing, Bedding & Footwear	210	225	204	189	222
VI	MISCELLANEOUS					
a)	Medical Care	233	248	238	223	216
b)	Education, Recreation & Amusement	183	196	318	123	165
c)	Transport & Communication	255	198	227	220	261
d)	Personal care & Effects	239	228	221	286	225
e)	Others	267	261	240	264	271
	Miscellaneous Group	230	220	253	218	217
	GENERAL INDEX	277	251	285	256	262

## Group/Sub-Group wise Consumer Price Index Numbers For Industrial Workers in Metro Cities And All India

Month: May, 2017 Base Year: 2001=100

SI. NO.	Group/Sub-Group	All India	Delhi	Mumbai	Chennai	Kolkata
ı	Food					
a)	Cereals & Products	277	282	275	305	244
b)	Pulses & Products	302	306	303	301	383
c)	Oils & Fats	280	228	306	291	282
d)	Meat, Fish & Eggs	398	377	429	370	415
e)	Milk & Products	317	301	291	346	261
f)	Condiments & Spices	294	228	280	368	289
g)	Vegetables & Fruits	298	268	324	320	294
h)	Others Food	297	263	300	293	291
	FOOD GROUP	302	281	309	322	296
II	Pan, Supari, Tobacco & Intoxicants	341	301	355	420	355
III	Fuel & Light	254	221	313	121	286
IV	Housing	303	236	281	212	209
V	Clothing, Bedding & Footwear	210	225	204	189	223
VI	MISCELLANEOUS					
a)	Medical Care	233	248	238	223	218
b)	Education, Recreation & Amusement	184	196	318	124	165
c)	Transport & Communication	255	198	227	220	262
d)	Personal care & Effects	239	228	221	276	227
e)	Others	267	261	240	264	272
	Miscellaneous Group	231	220	253	216	218
	GENERAL INDEX	278	252	287	258	264

## Group/Sub-Group wise Consumer Price Index Numbers For Industrial Workers in Metro Cities And All India

Month: June, 2017 Base Year: 2001=100

SI. NO.	Group/Sub-Group	ar : 2001=1 All India	Delhi	Mumbai	Chennai	Kolkata
I	Food					
a)	Cereals & Products	278	281	279	310	241
b)	Pulses & Products	296	295	301	283	354
c)	Oils & Fats	278	227	299	290	278
d)	Meat, Fish & Eggs	406	374	438	386	405
e)	Milk & Products	322	301	295	346	261
f)	Condiments & Spices	299	226	282	385	285
g)	Vegetables & Fruits	329	280	357	373	321
h)	Others Food	297	265	301	296	291
	FOOD GROUP	308	282	316	332	296
II	Pan, Supari, Tobacco & Intoxicants	344	301	362	432	357
III	Fuel & Light	254	221	302	122	288
IV	Housing	303	236	281	212	209
٧	Clothing, Bedding & Footwear	211	227	204	190	223
VI	MISCELLANEOUS					
a)	Medical Care	234	248	245	223	218
b)	Education, Recreation & Amusement	184	196	318	123	165
c)	Transport & Communication	255	197	227	228	262
d)	Personal care & Effects	242	228	231	276	226
e)	Others	269	262	241	267	272
	Miscellaneous Group	232	220	256	218	218
	GENERAL INDEX	280	252	290	263	264

## Group/Sub-Group wise Consumer Price Index Numbers For Industrial Workers in Metro Cities And All India

Month: July, 2017 Base Year: 2001=100

SI. NO.	Group/Sub-Group	All India	Delhi	Mumbai	Chennai	Kolkata
ı	Food					
a)	Cereals & Products	278	282	278	289	241
b)	Pulses & Products	289	284	297	279	323
c)	Oils & Fats	276	226	294	291	277
d)	Meat, Fish & Eggs	405	366	433	391	409
e)	Milk & Products	323	301	296	346	258
f)	Condiments & Spices	307	265	282	387	329
g)	Vegetables & Fruits	380	346	383	436	369
h)	Others Food	300	299	303	294	295
	FOOD GROUP	315	298	319	334	304
II	Pan, Supari, Tobacco & Intoxicants	347	323	365	433	358
III	Fuel & Light	258	232	305	128	291
IV	Housing	307	243	283	216	211
V	Clothing, Bedding & Footwear	212	233	204	190	223
VI	MISCELLANEOUS					
a)	Medical Care	235	248	248	223	219
b)	Education, Recreation & Amusement	185	196	318	129	165
c)	Transport & Communication	253	197	227	229	261
d)	Personal care & Effects	243	229	232	281	228
e)	Others	271	263	241	266	272
	Miscellaneous Group	232	220	257	221	219
	GENERAL INDEX	285	263	293	266	269

### Group/Sub-Group wise Consumer Price Index Numbers For Industrial Workers in Metro Cities And All India

Month: August, 2017 Base Year: 2001=100

SI. NO.	Group/Sub-Group	ar : 2001=1 All India	Delhi	Mumbai	Chennai	Kolkata
I	Food					
a)	Cereals & Products	278	281	280	283	241
b)	Pulses & Products	285	277	288	264	294
c)	Oils & Fats	278	226	298	288	276
d)	Meat, Fish & Eggs	396	366	429	375	402
e)	Milk & Products	324	302	297	346	260
f)	Condiments & Spices	338	313	331	394	352
g)	Vegetables & Fruits	372	352	383	391	392
h)	Others Food	301	299	305	295	297
	FOOD GROUP	315	301	321	324	306
II	Pan, Supari, Tobacco & Intoxicants	350	323	368	432	360
III	Fuel & Light	258	232	303	129	293
IV	Housing	307	243	283	216	211
٧	Clothing, Bedding & Footwear	213	233	204	190	226
VI	MISCELLANEOUS					
a)	Medical Care	235	248	248	223	219
b)	Education, Recreation & Amusement	186	196	318	134	165
c)	Transport & Communication	256	199	227	231	262
d)	Personal care & Effects	246	231	232	291	228
e)	Others	271	263	242	266	272
	Miscellaneous Group	234	221	257	223	219
	GENERAL INDEX	285	264	294	263	270

### Group/Sub-Group wise Consumer Price Index Numbers For Industrial Workers in Metro Cities And All India

Month: September, 2017 Base Year: 2001=100

SI. NO.	Group/Sub-Group	ar : 2001=1 All India	Delhi	Mumbai	Chennai	Kolkata
I	Food	•		<u>.</u>		<u> </u>
a)	Cereals & Products	279	282	278	278	245
b)	Pulses & Products	291	289	293	274	319
c)	Oils & Fats	280	227	305	284	277
d)	Meat, Fish & Eggs	394	369	421	368	397
e)	Milk & Products	325	304	294	346	260
f)	Condiments & Spices	338	292	327	392	410
g)	Vegetables & Fruits	344	326	368	350	353
h)	Others Food	302	300	306	296	298
	FOOD GROUP	312	298	318	318	306
II	Pan, Supari, Tobacco & Intoxicants	357	324	384	433	360
III	Fuel & Light	260	229	308	130	296
IV	Housing	307	243	283	216	211
٧	Clothing, Bedding & Footwear	214	236	204	190	226
VI	MISCELLANEOUS					
a)	Medical Care	236	248	249	228	219
b)	Education, Recreation & Amusement	187	196	318	134	165
c)	Transport & Communication	258	199	227	232	262
d)	Personal care & Effects	247	232	233	303	228
e)	Others	273	263	243	266	273
	Miscellaneous Group	235	221	258	227	219
	GENERAL INDEX	285	263	293	261	270

## Group/Sub-Group wise Consumer Price Index Numbers For Industrial Workers in Metro Cities And All India

Month: October, 2017 Base Year: 2001=100

SI. NO.	Group/Sub-Group	All India	Delhi	Mumbai	Chennai	Kolkata
ı	Food	•				
a)	Cereals & Products	279	282	278	276	244
b)	Pulses & Products	289	289	294	275	312
c)	Oils & Fats	280	226	309	277	276
d)	Meat, Fish & Eggs	393	371	422	372	400
e)	Milk & Products	325	304	294	346	260
f)	Condiments & Spices	357	306	337	411	418
g)	Vegetables & Fruits	368	311	384	413	425
h)	Others Food	303	300	307	299	298
	FOOD GROUP	317	297	322	327	316
II	Pan, Supari, Tobacco & Intoxicants	360	324	384	481	361
III	Fuel & Light	260	231	308	130	302
IV	Housing	307	243	283	216	211
V	Clothing, Bedding & Footwear	214	233	204	189	226
VI	MISCELLANEOUS					
a)	Medical Care	237	246	252	228	220
b)	Education, Recreation & Amusement	187	195	318	140	165
c)	Transport & Communication	258	198	227	231	264
d)	Personal care & Effects	246	234	233	312	228
e)	Others	274	263	243	267	273
	Miscellaneous Group	235	221	258	230	219
	GENERAL INDEX	287	262	295	266	276

## Group/Sub-Group wise Consumer Price Index Numbers For Industrial Workers in Metro Cities And All India

Month: November, 2017 Base Year: 2001=100

SI. NO.	Group/Sub-Group	All India	Delhi	Mumbai	Chennai	Kolkata
ı	Food					
a)	Cereals & Products	278	279	278	281	244
b)	Pulses & Products	283	283	291	263	312
c)	Oils & Fats	280	227	306	289	282
d)	Meat, Fish & Eggs	395	376	423	380	407
e)	Milk & Products	326	304	292	346	260
f)	Condiments & Spices	383	350	367	446	397
g)	Vegetables & Fruits	378	324	379	440	384
h)	Others Food	303	300	308	299	297
	FOOD GROUP	319	300	322	335	311
II	Pan, Supari, Tobacco & Intoxicants	362	324	385	480	363
III	Fuel & Light	262	232	310	130	302
IV	Housing	307	243	283	216	211
V	Clothing, Bedding & Footwear	215	234	205	189	226
VI	MISCELLANEOUS					
a)	Medical Care	237	247	254	228	220
b)	Education, Recreation & Amusement	188	195	319	140	165
c)	Transport & Communication	258	198	227	231	264
d)	Personal care & Effects	247	234	234	318	231
e)	Others	275	263	242	267	273
	Miscellaneous Group	236	221	259	231	220
	GENERAL INDEX	288	264	295	270	273

## Group/Sub-Group wise Consumer Price Index Numbers For Industrial Workers in Metro Cities And All India

Month: December, 2017 Base Year: 2001=100

SI. NO.	Group/Sub-Group	ar : 2001=1 All India	Delhi	Mumbai	Chennai	Kolkata
I	Food					
a)	Cereals & Products	278	282	276	278	243
b)	Pulses & Products	279	276	287	266	317
c)	Oils & Fats	280	227	307	285	283
d)	Meat, Fish & Eggs	399	380	422	371	402
e)	Milk & Products	326	304	292	345	260
f)	Condiments & Spices	394	365	365	475	386
g)	Vegetables & Fruits	335	302	368	391	338
h)	Others Food	302	296	305	300	296
	FOOD GROUP	314	298	319	330	303
II	Pan, Supari, Tobacco & Intoxicants	364	328	383	479	364
III	Fuel & Light	264	233	311	130	304
IV	Housing	307	243	283	216	211
V	Clothing, Bedding & Footwear	216	235	205	189	226
VI	MISCELLANEOUS					
a)	Medical Care	234	235	250	226	214
b)	Education, Recreation & Amusement	190	195	319	140	165
c)	Transport & Communication	259	202	227	231	264
d)	Personal care & Effects	247	238	225	321	232
e)	Others	276	268	243	267	273
	Miscellaneous Group	236	221	256	231	219
	GENERAL INDEX	286	263	293	268	269

## Group/Sub-Group wise Consumer Price Index Numbers For Industrial Workers in Metro Cities And All India

Month: January, 2018 Base Year: 2001=100

SI. NO.	Group/Sub-Group	ar : 2001=1 All India	Delhi	Mumbai	Chennai	Kolkata
I	Food					
a)	Cereals & Products	277	284	275	287	246
b)	Pulses & Products	274	269	284	257	319
c)	Oils & Fats	282	224	306	286	296
d)	Meat, Fish & Eggs	397	378	421	368	405
e)	Milk & Products	326	304	292	345	260
f)	Condiments & Spices	377	358	359	422	377
g)	Vegetables & Fruits	303	255	348	336	323
h)	Others Food	300	329	304	301	293
	FOOD GROUP	308	296	315	320	302
II	Pan, Supari, Tobacco & Intoxicants	366	330	385	479	367
III	Fuel & Light	265	233	308	134	305
IV	Housing	334	268	289	222	225
٧	Clothing, Bedding & Footwear	217	235	205	189	226
VI	MISCELLANEOUS					
a)	Medical Care	235	235	256	226	214
b)	Education, Recreation & Amusement	191	195	319	141	165
c)	Transport & Communication	262	203	227	233	264
d)	Personal care & Effects	249	237	225	346	233
e)	Others	277	272	243	267	269
	Miscellaneous Group	238	222	257	235	218
	GENERAL INDEX	288	267	292	266	271

#### Group/Sub-Group wise Consumer Price Index Numbers For Industrial Workers in Metro Cities And All India

Month: Febuary, 2018
Base Year: 2001=100

SI. NO.	Group/Sub-Group	ar : 2001=1 All India	Delhi	Mumbai	Chennai	Kolkata
I	Food					
a)	Cereals & Products	277	278	275	295	244
b)	Pulses & Products	271	262	279	254	302
c)	Oils & Fats	280	227	294	292	298
d)	Meat, Fish & Eggs	397	377	420	372	397
e)	Milk & Products	325	301	292	345	260
f)	Condiments & Spices	345	329	313	376	352
g)	Vegetables & Fruits	288	243	311	329	299
h)	Others Food	299	327	302	300	292
	FOOD GROUP	304	290	305	318	295
II	Pan, Supari, Tobacco & Intoxicants	368	330	385	479	367
III	Fuel & Light	267	239	313	133	316
IV	Housing	334	268	289	222	225
٧	Clothing, Bedding & Footwear	219	243	205	189	226
VI	MISCELLANEOUS					
a)	Medical Care	237	238	256	229	215
b)	Education, Recreation & Amusement	191	195	319	141	165
c)	Transport & Communication	268	204	227	303	264
d)	Personal care & Effects	249	236	232	328	232
e)	Others	279	274	245	272	265
	Miscellaneous Group	240	223	259	252	218
	GENERAL INDEX	287	266	288	269	268

## Group/Sub-Group wise Consumer Price Index Numbers For Industrial Workers in Metro Cities And All India

Month: March, 2018 Base Year: 2001=100

SI. NO.	Group/Sub-Group	ar : 2001=1 All India	Delhi	Mumbai	Chennai	Kolkata
I	Food					
a)	Cereals & Products	278	278	274	287	248
b)	Pulses & Products	268	248	276	251	313
c)	Oils & Fats	280	227	294	292	289
d)	Meat, Fish & Eggs	398	372	419	372	397
e)	Milk & Products	326	301	293	345	259
f)	Condiments & Spices	312	254	290	347	325
g)	Vegetables & Fruits	296	255	301	323	314
h)	Others Food	299	326	302	300	291
	FOOD GROUP	303	287	302	313	296
II	Pan, Supari, Tobacco & Intoxicants	371	330	385	480	369
III	Fuel & Light	266	238	313	133	312
IV	Housing	334	268	289	222	225
V	Clothing, Bedding & Footwear	219	245	205	189	226
VI	MISCELLANEOUS					
a)	Medical Care	238	238	257	229	215
b)	Education, Recreation & Amusement	191	195	319	141	165
c)	Transport & Communication	269	204	227	303	264
d)	Personal care & Effects	248	234	232	299	232
e)	Others	279	274	245	272	265
	Miscellaneous Group	240	222	259	247	218
	GENERAL INDEX	287	264	287	265	269

Table No:1.7
Group/Sub-Group Wise Consumer Price Index Number for Industrial Workers(Metro Cities)
Average Annual Index for the Year 2016 & 2017 (Calender Year wise)

				•		(Base Yo	ear:2001=100)		•							
S.N	Croun/Sub Croun	All In	dia		D	elhi		Mui	nbai		Chei	nnai		Ko	lkata	
О.	Group/Sub-Group	2016	2017	% Variation	2016	2017	% Variation	2016	2017	% Variation	2016	2017	% Variation	2016	2017	% variation
I	FOOD															
a)	Cereals & Products	263	278	5.7	262	284	8.4	273	277	1.5	259	286	10.4	238	242	1.7
b)	Pulses & Products	435	301	-30.8	384	296	-22.9	444	305	-31.3	424	289	-31.8	438	349	-20.3
c)	Oils & Fats	283	280	-1.1	235	230	-2.1	314	302	-3.8	270	286	5.9	295	285	-3.4
d)	Meat, Fish & Eggs	385	396	2.9	361	372	3.0	419	427	1.9	354	372	5.1	379	403	6.3
e)	Milk & Products	303	320	5.6	276	300	8.7	280	292	4.3	344	345	0.3	260	260	0.0
f)	Condiments & Spices	308	324	5.2	258	276	7.0	286	307	7.3	345	388	12.5	310	334	7.7
g)	Vegetables & Fruits	316	323	2.2	282	287	1.8	331	339	2.4	309	362	17.2	333	322	-3.3
h)	Others Food	283	299	5.7	258	281	8.9	281	302	7.5	303	298	-1.7	281	293	4.3
	FOOD GROUP	304	308	1.3	278	289	4.0	314	313	-0.3	315	323	2.5	297	299	0.7
II	Pan, Supari, Tobacco &	321	348	8.4	288	313	8.7	339	365	7.7	416	439	5.5	349	359	2.9
III.	Fuel & Light	249	257	3.2	216	226	4.6	315	309	-1.9	145	125	-13.8	273	292	7.0
IV.	Housing	296	305	3.0	227	240	5.7	276	282	2.2	208	214	2.9	205	210	2.4
٧	Clothing, Bedding &	204	212	3.9	216	230	6.5	202	204	1.0	187	189	1.1	221	224	1.4
VI	MISCELLANEOUS															
a)	Medical Care	228	234	2.6	248	247	-0.4	235	245	4.3	225	223	-0.9	213	218	2.3
b)	Education, Recreation &	180	185	2.8	194	196	1.0	304	318	4.6	117	129	10.3	165	165	0.0
c)	Transport & Communication	247	256	3.6	190	199	4.7	226	227	0.4	218	226	3.7	251	262	4.4
d)	Personal care & Effects	227	242	6.6	215	231	7.4	211	227	7.6	264	298	12.9	214	227	6.1
e)	Others	256	269	5.1	250	262	4.8	233	241	3.4	264	267	1.1	263	272	3.4
	Miscellaneous Group	223	232	4.0	213	220	3.3	245	255	4.1	213	223	4.7	212	218	2.8
	GENERAL INDEX	274	281	2.6	246	257	4.5	287	289	0.7	255	261	2.4	261	266	1.9

**Table 1.8**Group/Sub-Group Wise Consumer Price Index Number for Industrial Workers (Metro Cities)

Average Index for the Year 2016-17 & 2017-18 (Financial year wise)

					Ĭ		(Base Year:2	2001=100)	Ì	·						
	Group/Sub-	All I	<b>India</b>		De	lhi		Mum	bai		Che	nnai		Ko	lkata	
S.No.	Group	2016-17	2017-18	% Variation	2016-17	2017-18	% Variation	2016-17	2017-18	% Variation	2016-17	2017-18	% Variation	2016-17	2017-18	% Variation
ı	FOOD															
a)	Cereals & Products	268	278	3.7	273	281	2.9	274	277	1.1	260	289	11.2	238	243	2.1
b)	Pulses & Products	409	286	-30.1	372	282	-24.2	412	292	-29.1	397	272	-31.5	425	327	-23.1
c)	Oils & Fats	286	280	-2.1	236	227	-3.8	312	302	-3.2	277	287	3.6	294	284	-3.4
d)	Meat, Fish & Eggs	388	398	2.6	365	373	2.2	422	425	0.7	359	374	4.2	385	404	4.9
e)	Milk & Products	307	323	5.2	282	302	7.1	284	293	3.2	344	346	0.6	260	260	0.0
f)	Condiments & Spices	306	336	9.8	254	293	15.4	283	317	12.0	348	396	13.8	310	349	12.6
g)	Vegetables & Fruits	311	332	6.8	278	294	5.8	322	351	9.0	308	369	19.8	323	342	5.9
h)	Others Food	289	300	3.8	260	297	14.2	287	303	5.6	305	297	-2.6	286	294	2.8
	FOOD GROUP	305	310	1.6	281	292	3.9	312	314	0.6	314	324	3.2	297	302	1.7
	Pan, Supari,															
II	Tobacco &	327	356	8.9	293	320	9.2	342	375	9.6	418	454	8.6	351	362	3.1
<b></b>	Intoxicants	0.40	000		047	000		040	000	1.0	407	400	0.0	070	000	7.0
III.	Fuel & Light	249 298	260 313	4.4	217 230	230 248	7.8	312 277	309 284	-1.0	127 209	128 217	0.8	278 206	298 214	7.2
IV.	Housing Clothing, Bedding			5.0			7.8			2.5			3.8			3.9
V	& Footwear	206	214	3.9	219	234	6.8	203	204	0.5	189	189	0.0	222	225	1.4
VI	MISCELLANEOUS															
a)	Medical Care	230	235	2.2	248	244	-1.6	237	249	5.1	223	226	1.3	214	217	1.4
b)	Education, Recreation & Amusement	181	187	3.3	195	196	0.5	310	318	2.6	118	134	13.6	165	165	0.0
c)	Transport & Communication	250	259	3.6	194	200	3.1	227	227	0.0	219	241	10.0	255	263	3.1
d)	Personal care & Effects	230	245	6.5	221	232	5.0	214	229	7.0	274	303	10.6	218	229	5.0
e)	Others	259	273	5.4	253	266	5.1	235	242	3.0	267	267	0.0	265	271	2.3
	Miscellaneous Group	226	235	4.0	216	221	2.3	248	257	3.6	215	229	6.5	214	219	2.3
	GENERAL INDEX	276	284	2.9	249	261	4.8	286	291	1.7	254	264	3.9	262	269	2.7

TABLE : 2.1 STATE/CENTRE WISE CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS (2010 TO 2017)

					BASE YEAR	2001 =100			
STATE/CENTRE/ ITEMS	WEIGHT	2010	2011	2012	2013	2014	2015	2016	2017
ANDHRA PRADI	ESH								
Gudur									
General	-								
Guntur General	0.81	181	194	208	233	251	259	270	275
Hyderabad	0.01	101	104	200	200	201	200	270	270
General	1.51	165	174	190	207	217	228	240	246
Visakhapatnam	4.00	170	100	0.10	222	2.12	000		272
General Warangal	1.98	173	192	213	236	249	263	275	279
General	0.98	199	204	222	247	259	272	287	287
Godavarikhani									
General	1.17	193	200	216	242	262	274	287	293
Vijayawada General	1.18	180	188	207	236	240	251	267	275
ASSAM	1.10	100	100	207	230	240	231	207	275
Doom Dooma-T	ineukia								
General	0.44	160	170	182	196	213	235	246	259
Guwahati									
General	0.50	156	168	184	198	214	226	242	247
Labac - Silchar General	0.33	178	186	197	216	243	247	257	258
Mariani - Jorhat	0.55	170	100	157	210	240	241	231	230
General	0.46	158	171	185	195	217	230	241	243
Rangapara - Tez									
General	0.46	154	163	171	186	213	228	238	241
JHARKHAND									
Jamshedpur General	1.02	182	213	232	251	265	288	314	327
Jharia	1.02	102	210	202	201	200	200	014	OZ1
General	0.84	180	198	222	262	279	290	304	306
Kodarma	2.42	100	0.15	200	222	205	207	242	201
General Noamundi	0.43	190	215	236	263	285	297	319	321
General	-								
Ranchi - Hatia									
General	0.71	199	220	235	267	286	297	305	317
Giridih General	0.55	204	232	250	282	293	289	295	301
Bokaro	0.00	204	202	200	202	200	200	200	001
General	0.91	168	192	210	229	251	268	276	276
BIHAR									
Monghyar-Janal General	1.06	182	199	215	238	253	274	297	298
GUJARAT	1.00	102	100	2.10	200	200	217	207	200
Ahmedabad									
General	1.37	171	186	206	233	238	249	261	266
Vadodra	0.00	467	400	400	010	000	0	001	001
General Bhavnagar	2.00	167	180	198	219	230	244	261	261
General	1.66	174	189	206	221	225	239	257	265
Rajkot									
General	1.81	174	193	216	231	237	248	269	270
Surat General	1.18	162	174	192	218	224	238	248	258
GOA	1.10	102	1/4	192	410	224	230	440	230
Goa									
General	0.36	188	203	222	248	258	276	289	295
HARYANA									
Faridabad	4.5:	45-	4	0	0:-	0.7-7	0:-	0	0
General Vamunanagar	1.34	182	194	207	218	226	240	253	257
Yamunanagar General	1.67	183	197	215	230	241	248	265	273
Content	1.07	100	181	410	230	44 I	440	200	213

TABLE : 2.1 STATE/CENTRE WISE CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS (2010 TO 2017)

		I			BASE YEAR	2001 =100			
STATE/CENTRE/	WEIGHT	2010	2011	2012	2013	2014	2015	2016	2017
ITEMS	WEIGHT								
H.P Himachal Prade	a h								
General	0.57	161	172	188	208	222	232	242	254
JAMMU & KASH		101	172	100	200	LLL	202	2-12	204
Srinagar									
General	0.45	159	172	190	203	219	235	247	261
KARNATAKA									
Bangalore									
General	1.95	181	194	211	238	254	268	278	287
Belgaum General	0.96	179	200	217	242	253	266	279	290
Hubli-Dharwar	0.30	173	200	217	242	200	200	213	230
General	1.18	182	200	219	248	266	281	293	299
Mercara									
General	0.63	172	188	208	240	255	269	282	296
Mysore General	0.92	174	187	205	242	258	267	280	295
KERALA	5.02								
Alwaye									
General									
Mundakayam	4.00	4=-	461	010	051	001	07.	000	000
General Quilon	1.83	174	191	213	251	264	274	280	299
General	1.75	173	195	206	236	260	277	297	323
Emakulam									
General	3.08	167	185	199	225	248	260	268	289
Thiruvanthpural General	n -								
MADHYA PRAD									
Balaghat									
General	-								
Bhopal General	4.05	405	005	004	000	054	000	074	070
Indore	1.35	185	205	221	238	251	260	271	276
General	1.05	168	181	200	222	232	243	252	257
Jabalpur									
General	1.55	184	198	212	231	240	256	274	279
Chhindwara General	1.21	177	195	216	242	247	262	281	286
CHHATISGARH				2.0			202	201	200
Bhilai									
General	0.97	180	206	241	265	277	291	306	310
MAHARASHTRA	1								
Mumbai General	9.57	174	192	212	237	257	276	287	289
Nagpur	9.57	174	192	212	231	257	2/0	201	209
General	1.06	203	220	240	265	277	294	306	312
Nasik		45.1	0.7 :	0	0:-	05-	a=-	000	95.
General Pune	1.50	181	204	223	242	255	271	285	291
General	1.81	181	200	217	237	254	266	277	275
Solapur									
General	0.95	179	199	216	239	261	281	293	294
ORISSA									
Barbil General									
Rourkela	-								
General	0.71	186	204	222	245	260	270	289	296
Angul Talchar									
General	0.88	181	200	221	241	256	265	284	297
PUNJAB Amritsar									
General	1.07	190	208	227	240	255	263	271	281
Ludhiana									
General	0.57	175	188	205	222	235	251	273	275
Jalandhar	0.00	474	100	205	201	200	252	070	204
General	0.96	174	190	205	224	239	250	270	281

TABLE : 2.1 STATE/CENTRE WISE CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS (2010 TO 2017)

					BASE YEAR	2001 =100			
STATE/CENTRE/ ITEMS	WEIGHT	2010	2011	2012	2013	2014	2015	2016	2017
RAJASTHAN									
Ajmer									
General	1.56	175	191	215	233	240	248	256	260
Jaipur General	1.09	179	192	214	230	238	245	257	268
Bhilwara	1.09	179	192	214	230	230	240	251	200
General	0.73	176	192	215	236	245	259	269	274
TAMIL NADU									
Coimbatore									
General	1.26	166	176	193	217	231	243	250	265
Coonoor General	1.18	168	182	204	224	241	261	272	281
Chennai	1.10	100	102	204		2-11	201	2,2	201
General	2.31	161	171	196	218	230	248	255	261
Madurai									
General	1.17	162	174	196	218	239	259	265	277
Salem General	1.12	163	172	192	216	233	254	268	270
Tiruchirapally	1.12	133	112	102	210	200	207	200	210
General	1.37	174	184	208	232	253	261	266	285
Tripura									
Tripura	0.00	450	407	477	404	040	207	044	050
General	0.26	156	167	177	194	210	227	244	256
UTTAR PRADES	Н								
Agra General	1.91	193	208	220	240	255	269	291	303
Ghaziabad	1.51	100	200	220	240	255	203	231	303
General	1.82	182	198	209	232	240	256	270	277
Kanpur									
General	2.09	183	200	214	237	255	268	285	287
Saharanpur General									
Varanasi	-								
General	2.64	183	194	208	231	247	265	278	279
Lucknow									
General	2.75	185	195	203	224	242	261	274	275
WEST BENGAL									
Asansol General	1.08	195	211	231	256	277	290	303	304
Kolkata	1.06	195	211	231	250	211	290	303	304
General	1.51	172	185	199	222	239	251	261	266
Darjeeling									
General	0.53	170	184	196	215	232	239	253	260
Durgapur General	1.14	178	193	215	263	282	287	298	306
Haldia	1.14	170	193	215	203	202	201	290	300
General	1.74	161	185	211	230	241	275	302	310
Hawrah									
General	0.79	171	183	199	215	228	240	258	267
Jalpaiguri General	0.48	167	179	192	221	241	252	266	272
Raniganj	0.40	107	1/9	192	441	241	202	200	212
General	0.99	169	180	195	214	228	238	253	251
Siliguri									
General	0.48	173	187	197	218	233	241	252	261
CHANDIGARH									
Chandigarh General	0.16	175	197	213	232	245	254	269	278
DELHI	0.10	1/0	197	213	232	240	204	209	210
Delhi									
General	1.99	163	176	191	209	223	234	246	257
PONDICHERRY		-							
Pondicherry									
General	0.59	173	184	209	237	256	271	286	299
ALL INDIA									
General		176	192	209	232	247	261	274	281

## TABLE: 2.2 STATE/CENTRE WISE CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS (2010 TO 2017)

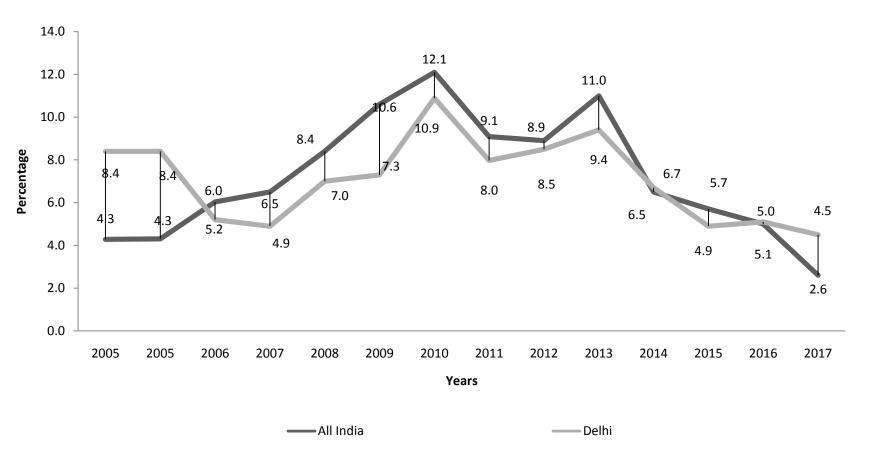
Year	All India	% Variation	Delhi	% Variation	Kolkota	% Variation	Chennai	% Variation	Mumbai	% Variation
2000	441	-	514	_	451	-	475	-	505	-
2001	458	3.9	529	2.9	492	9.1	487	2.5	528	4.6
2002	477	4.1	550	4.0	530	7.7	513	5.3	558	5.7
2003	496	4.0	570	3.6	541	2.1	533	3.9	583	4.5
2004	514	3.6	598	4.9	565	4.4	549	3.0	604	3.6
2005	536	4.3	648	8.4	587	3.9	565	3.0	611	1.2
2005 *	116	4.3	116	8.4	115	3.9	114	3.0	118	1.2
2006	123	6.0	122	5.2	121	5.2	118	3.4	126	6.8
2007	131	6.5	128	4.9	132	9.1	124	5.1	134	6.3
2008	142	8.4	137	7.0	142	7.6	135	8.9	144	7.5
2009	157	10.6	147	7.3	156	9.9	149	10.4	159	10.4
2010	176	12.1	163	10.9	172	10.3	161	8.1	174	9.4
2011	192	9.1	176	8.0	185	7.6	171	6.2	192	10.3
2012	209	8.9	191	8.5	198	7.0	195	14.0	212	10.4
2013	232	11.0	209	9.4	222	12.1	218	11.8	237	11.8
2014	247	6.5	223	6.7	239	7.7	230	5.5	257	8.4
2015	261	5.7	234	4.9	251	5.0	248	7.8	276	7.4
2016	274	5.0	246	5.1	261	4.0	255	2.8	287	4.0
2017	281	2.6	257	4.5	266	1.9	261	2.4	289	0.7

Source : Labour Bureau Shimla

Base Year 1982=100 changed to 2001=100 w.e.f. 1.1 2006

<sup>\*</sup>Converted figure according to base year 2001=100

## Year Wise Comparison of Inflation Rates Based on CPI (IW) in r/o Delhi & All India During 2005-2017

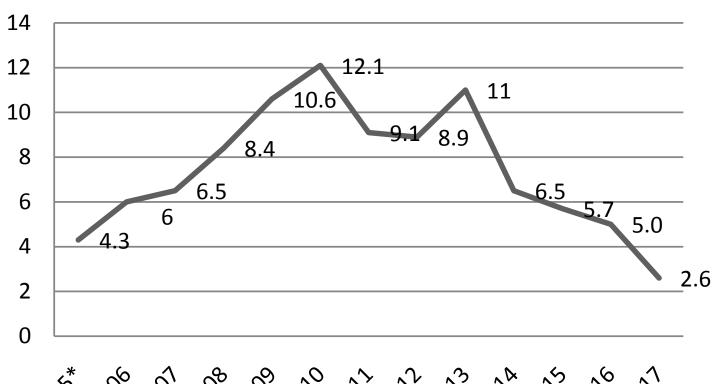


#### TABLE No:2.3 MONTH AND YEAR WISE CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS OF ALL INDIA (GENERAL INDEX)

BASE Y	'EAR 1	982=1	00					Ва	ise Yea	r 2001=	100				
MONTH/YEAR	2004	2005	2005*	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
JANUARY	504	526	114	119	127	134	148	172	188	198	221	237	254	269	274
FEBRUARY	504	525	113	119	128	135	148	170	185	199	223	238	253	267	274
MARCH	504	525	113	119	127	137	148	170	185	201	224	239	254	268	275
APRIL	504	529	114	120	128	138	150	170	186	205	226	242	256	271	277
MAY	508	527	114	121	129	139	151	172	187	206	228	244	258	275	278
JUNE	512	529	114	123	130	140	153	174	189	208	231	246	261	277	280
JULY	517	538	116	124	132	143	160	178	193	212	235	252	263	280	285
AUGUST	522	540	117	124	133	145	162	178	194	214	237	253	264	278	285
SEPTEMBER	523	542	117	125	133	146	163	179	197	215	238	253	266	277	285
OCTOBER	526	548	118	127	134	148	165	181	198	217	241	253	269	278	287
NOVEMBER	525	553	119	127	134	148	168	182	199	218	243	253	270	277	288
DECEMBER	521	550	119	127	134	147	169	185	197	219	239	253	269	275	286
ANNUAL AVERAGE	514	536	116	123	131	142	157	176	192	209	232	247	261	274	281
% variation over previous year	3.6	4.3	4.3	6.0	6.5	8.4	10.6	12.1	9.1	8.9	11.0	6.5	5.7	5.0	2.6

Source : Labour Bureau Shimla
Base changed w.e.f. 1.1 2006 from 1982=100 to 2001=100
\*Converted figure according to base year 2001=100

# Inflation Rates Based on CPI(IW) in r/o All India During the years 2005-2017



2002, 2000, 2001, 2000, 2010,

## TABLE No:2.4 GROUP WISE CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS OF ALL INDIA (GENERAL INDEX)

	GROUP	BASE Y	EAR 19	82=100					BASE	YEAR 2	2001=10	00			
	GROOF	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	FOOD INDEX	504	520	122	134	149	169	190	204	223	254	271	288	304	308
2	PAN,SUPARI, TOBACCO & INTOXICANTS	671	684	115	125	136	146	163	187	215	244	268	298	321	348
3	FUEL AND LIGHT	603	592	128	132	141	147	159	181	208	226	239	247	249	257
4	HOUSING	622	720	125	130	135	154	195	218	235	251	264	281	296	305
5	CLOTHING, BEDDING & FOOTWEAR	344	352	113	117	121	126	133	151	166	179	188	196	204	212
6	MISC.	520	541	125	129	139	147	154	165	178	193	205	214	223	232
7	GENERAL INDEX	514	536	123	131	142	157	176	192	209	232	247	261	274	281

Source: Labour Bureau, Shimla

Base changed w.e.f. 1.1 2006 from 1982=100 to 2001=100

Month wise General Consumer Price Index-2017 for Rural Area, Urban Area and

Combined for Delhi and All India (New Series Base year 2012=100)

Table No: 3.1

S.No.	Rural			Url	ban	Combined (Rural+Urban)		
3.110.	Month	Delhi	All India	Delhi	All India	Delhi	All India	
1	January	130.00	132.40	131.40	127.80	131.30	130.30	
2	February	129.50	132.60	132.10	128.20	132.00	130.60	
3	March	129.80	132.80	133.10	128.70	132.90	130.90	
4	April	129.70	132.90	133.60	129.10	133.40	131.10	
5	May	130.10	133.30	133.90	129.30	133.70	131.40	
6	June	130.50	133.90	133.50	129.90	133.30	132.00	
7	July	131.90	136.20	136.30	131.80	136.10	134.20	
8	August	133.60	137.80	137.50	132.70	137.30	135.40	
9	September	133.80	137.60	136.50	132.40	136.40	135.20	
10	October	133.10	138.30	136.70	133.50	136.50	136.10	
11	November	133.60	140.00	137.90	134.80	137.70	137.60	
12	December	132.70	139.80	136.50	134.10	136.30	137.20	
13	Annual Average	131.53	135.63	134.92	131.03	134.74	133.50	

Source :- CSO, MOSPI,Govt.of India.

TABLE No: 4.1

MONTH AND YEAR WISE WHOLESALE PRICE
INDEX NUMBERS OF ALL INDIA (BASE YEAR 2011-12=100)

MONTH /YEAR	2012-13	2013-14	2014-15	2015-16	2016-17	2017-2018
1	2	3	4	5	6	7
APRIL	104.7	108.6	114.1	110.2	109.0	113.2
MAY	105.3	108.6	114.8	111.4	110.4	112.9
JUNE	105.3	110.1	115.2	111.8	111.7	112.7
JULY	106.2	111.2	116.7	111.1	111.8	113.9
AUGUST	106.9	112.9	117.2	110.0	111.2	114.8
SEPTEMBER	107.6	114.3	116.4	109.9	111.4	114.9
OCTOBER	107.4	114.6	115.6	110.1	111.5	115.6
NOVEMBER	107.3	114.3	114.1	109.9	111.9	116.4
DECEMBER	107.1	113.4	112.1	109.4	111.7	115.7
JANUARY	108.0	113.6	110.8	108.0	112.6	116
FEBRUARY	108.4	113.6	109.6	107.1	113.0	116.1
MARCH	108.6	114.3	109.9	107.7	113.2	116.3
ANNUAL AVERAGE	106.9	112.5	113.9	109.7	111.6	114.9
% VARIATION OVER PREVIOUS YEAR		5.2	1.2	-3.7	1.7	2.9

Source: Office of the Economic Advisor ,Ministry of commerce and Industry,Govt. of India.

	2011-12=100			T		I
COMM_NAME	COMM_WT					
1	2	3	4	5	6	7
All commodities	100.00000	112.5			111.6	
I PRIMARY ARTICLES	22.61756	122.4	125.1	124.6		
(A). FOOD ARTICLES	15.25585	124.5	131.5	134.9	140.3	143.2
a. FOOD GRAINS (CEREALS+PULSES)	3.46238	124.5	128.4	137.3	152	142.6
a1. CEREALS	2.82378	126.6	129.9	131.3	142.7	143.1
a2. PULSES	0.63860	114.9		164.0	192.8	
b. FRUITS & VEGETABLES	3.47508	140.4				
b1. VEGETABLES	1.87448					
b2. FRUITS	1.60060	113.3				
c. MILK	4.43999	116.0	126.6			
d. EGGS,MEAT & FISH	2.40156	126.1	130.0		133	
e. CONDIMENTS & SPICES	0.52885	102.7	120.8		140.5	
f. OTHER FOOD ARTICLES	0.94799	114.3	120.5	135.8	150.5	144
(B). NON-FOOD ARTICLES	4.11894	118.4	115.1	118.2	122.2	119.6
a. FIBRES	0.83931	113.7	103.0	99.1	117.1	119
b. OIL SEEDS	1.11530	125.6	129.2	136.6	136	129.9
c. OTHER NON-FOOD ARTICLES	1.96043	114.3	109.2	113.1	114.9	110.9
d. FLORICULTURE	0.20390	137.8	143.3	146.4	137.4	148.7
(C). MINERALS	0.83317	114.4	118.6	105.6	113.1	122.5
a. METALLIC MINERALS	0.64818	105.2	112.2	91.7	98.4	109.1
b. OTHER MINERALS	0.18499	146.8	140.7	154.1	164.4	169.3
(D). CRUDE PETROLEUM & NATURAL GAS	2.40960	119.0	103.5	76.6	73.1	73
II FUEL & POWER	13.15190	114.7	107.7		86.3	93.3
(A). COAL	2.13813	104.8		106.5		
(B). MINERAL OILS	7.94968	121.6		73.9		
(C). ELECTRICITY	3.06409	103.6		105.3		
III MANUFACTURED PRODUCTS	64.23054	108.5	111.2	109.2		
(A). MANUFACTURE OF FOOD PRODUCTS	9.12173	114.1	116.2			
a. Processing and preserving of meat	0.134050	125.3	130.1	133.6		
b. Processing and preserving of fish, crustaceans				10010		
and molluscs and products thereof	0.20396	122.3	124.2	123.6	127.7	128.1
and mended and products thereo.	0.2000	122.0	12112	120.0	12/1/	12011
c. Processing and preserving of fruit and vegetables	0.13809	107.5	112.0	116.9	120.2	119.1
e. Treesesting and preserving of trait and vegetasies	0.10000	107.0	112.0	110.0	120.2	110.1
d. Manufacture of vegetable and animal oils and fats	2.64293	104.0	102.0	98.7	107	109.4
e. Manufacture of dairy products	1.16545	112.7	123.7	123.6		
f. Manufacture of grain mill products	2.00952	124.8				
g. Manufacture of starches and starch products	0.10955	111.5				
h. Manufacture of bakery products	0.10955					
i. Manufacture of sugar, molasses & honey	1.16275	108.7	108.3	98.6	124.8	128
j. Manufacture of cocoa, chocolate and sugar	0.47504	100.0	110.4	1100	105 5	100 1
confectionery	0.17501	109.9	116.4	118.9	125.5	126.1
k. Manufacture of macaroni, noodles, couscous and	0.00045	4400	447.0	400 /	407 /	404.
similar farinaceous products	0.02640				137.1	
I. Manufacture of Tea & Coffee products	0.37083	122.2	121.6	123.9	125.9	129.1

1	2011-12=100			r	ı	ı
COMM_NAME	COMM_WT	2013-14	2014-15	2015-16		2017-18
1	2	3	4	5	6	7
m. Manufacture of Processed condiments & salt	0.16302	106.6	114.6	121.6	124.5	118.2
n. Manufacture of processed ready to eat food	0.02428	108.5	116.7	123.0	126.3	127.2
o. Manufacture of Health supplements	0.22500	121.4	127.2	135.7	143.2	141.1
p. Manufacture of prepared animal feeds	0.35630	138.3	139.1	152.9	165.4	153
(B). MANUFACTURE OF BEVERAGES	0.90907	110.1	113.3		116.1	118.9
a. Manufacture of wines & spirits	0.40833		112.7	110.8		
b. Manufacture of malt liquors and malt	0.22526		111.3	111.4	114.2	
c. Manufacture of soft drinks; production of mineral	0.22020					
waters and other bottled waters	0.27548	112.0	115.6	120.6	121.8	127.4
(C). MANUFACTURE OF TOBACCO PRODUCTS	0.51357	114.4	123.3	133.0	141.6	
a. Manufacture of tobacco products	0.51357	114.4	123.3	133.0	141.6	
(D). MANUFACTURE OF TEXTILES	4.88068	111.8	112.7	109.1	111.2	
a. Preparation and spinning of textile fibres	2.58154		110.9		103.3	
b. Weaving & Finishing of textiles	1.50903					
c. Manufacture of knitted and crocheted fabrics	0.19296		112.3			108.6
d. Manufacture of made-up textile articles, except	0.19290	112.0	112.0	103.0	107.1	100.0
•	0.29850	109.9	115.1	117.5	121.7	124.6
apparel	0.29650	109.9	113.1	117.5	121.7	124.0
Manufacture of cordege range twins and notting	0.00776	118.3	100 E	1117	143	1417
e. Manufacture of cordage, rope, twine and netting f. Manufacture of other textiles	0.09776		129.5	141.7		
	0.20089		112.3			136.9
(E). MANUFACTURE OF WEARING APPAREL	0.81414	117.7	122.6	128.7	131	136.9
a. Manufacture of wearing apparel (woven), except	0.50204	1100	105.5	100.0	122.0	107.0
fur apparel	0.59324	119.9	125.5 115.0	133.3 116.5		137.8 134.5
b. Manufacture of knitted and crocheted apparel	0.22090	111.8	115.0	116.5	123.3	134.5
(F). MANUFACTURE OF LEATHER AND RELATED	0.50540	4440	100.7	100.0	100.0	100.1
PRODUCTS	0.53540	114.8	120.7	122.0	122.6	120.1
a. Tanning and dressing of leather; dressing and	0.44045	101 5	100.0	100.0	440.0	1100
dyeing of fur	0.14215	121.5	130.6	126.3	119.9	110.9
b. Manufacture of luggage, handbags, saddlery and	0.07540	100.0	100.0	100.0	100.0	101.0
harness	0.07540		123.9	132.2		
c. Manufacture of footwear	0.31785	110.6	115.4	117.6	121.5	121.6
(G). MANUFACTURE OF WOOD AND OF	0.77404	4400	1010	100.0	400.0	404.5
PRODUCTS OF WOOD AND CORK	0.77181	118.8	124.6			
a. Saw milling and planing of wood	0.12417	115.3	119.5	119.9	122.9	120.5
b. Manufacture of veneer sheets; manufacture of						
plywood, laminboard, particle board and other panels						
and boards	0.49330		122.3		127.3	
c. Manufacture of builders' carpentry and joinery	0.03558			140.1	153.8	
d. Manufacture of wooden containers	0.11876	131.8	139.3	138.7	140.3	134.5
(H). MANUFACTURE OF PAPER AND PAPER						
PRODUCTS	1.11322			112.7	113.6	
a. Manufacture of pulp, paper and paperboard	0.49296	111.2	116.1	115.5	117.7	122.3
b. Manufacture of corrugated paper and paperboard						
and containers of paper and paperboard	0.31422	112.0	114.2	113.5	114.7	116.1

(BASE:2011-12=100								
COMM_NAME	COMM_WT	2013-14	2014-15	2015-16		2017-18		
1	2	3	4	5	6	7		
(I). PRINTING AND REPRODUCTION OF								
RECORDED MEDIA	0.67622	118.7	126.2	136.1	141.1	143.7		
a. Printing	0.67622	118.7	126.2	136.1	141.1	143.7		
(J). MANUFACTURE OF CHEMICALS AND								
CHEMICAL PRODUCTS	6.46505	113.3	116.1	112.6	111	112.5		
a. Manufacture of basic chemicals	1.43330	112.1	114.1	105.8		111.2		
b. Manufacture of fertilizers and nitrogen compounds	1.48497	116.5	118.9	121.4	118.7	117.1		
c. Manufacture of plastic and synthetic rubber in								
primary form	1.00082	118.5	124.4	115.3	113.7	113		
d. Manufacture of pesticides and other agrochemical								
products	0.45369	111.1	120.7	122.6	116.8	115.3		
e. Manufacture of paints, varnishes and similar								
coatings, printing ink and mastics	0.49145	109.7	111.9	109.8	108.5	108.6		
f. Manufacture of soap and detergents, cleaning and	1 101.0			1	1	1		
polishing preparations, perfumes and toilet								
preparations	0.61219	111.5	112.4	112.3	113.7	115.2		
g. Manufacture of other chemical products	0.69227	110.7	111.8	108.4	106.5			
h. Manufacture of man-made fibres	0.29636	105.6	100.9	93.3	94.1			
(K). MANUFACTURE OF PHARMACEUTICALS,	0.0000							
MEDICINAL CHEMICAL AND BOTANICAL								
PRODUCTS	1.99345	108.3	114.5	118.7	119.7	121.2		
a. Manufacture of pharmaceuticals, medicinal	1100010	100.0	11110	11017	11017	12112		
chemical and botanical products	1.99345	108.3	114.5	118.7	119.7	121.2		
(L). MANUFACTURE OF RUBBER AND PLASTICS	1.00010	100.0	111.0	110.7	110.7	121.2		
PRODUCTS	2.29851	110.1	111.8	108.2	107.5	107.6		
a. Manufacture of rubber tyres and tubes; retreading	2.20001	110.1	111.0	100.2	107.0	107.0		
and rebuilding of rubber tyres	0.60897	105.4	106.0	102.4	101.4	100.3		
b. Manufacture of other rubber products	0.27178	99.3	95.6	91.4	90.4			
c. Manufacture of plastics products	1.41776							
(M). MANUFACTURE OF OTHER NON-METALLIC	3.20176		111.3					
a. Manufacture of glass and glass products	0.29504	106.9		114.5				
b. Manufacture of refractory products	0.22322	111.9		119.6				
c. Manufacture of clay building materials	0.12113			102.5				
d. Manufacture of other porcelain and ceramic	0.22247	102.7						
e. Manufacture of cement, lime and plaster	1.64480	106.4	110.9	109.9	110.6	113.8		
f. Manufacture of articles of concrete, cement and	0.00040							
plaster	0.29248				115.3	+		
g. Cutting, shaping and finishing of stone	0.23351	107.5		114.1	117.4			
h. Manufacture of other non-metallic mineral products		106.9						
(N). MANUFACTURE OF BASIC METALS	9.64632							
a. Inputs into steel making	1.41103			85.4	82.9			
b. Metallic iron	0.65301	97.2	96.5	77.0	79.4	99.4		
c. Mild Steel - Semi Finished Steel	1.27356	103.7	103.5	93.3	89.8	93.2		
d. Mild Steel -Long Products	1.08063							
e. Mild Steel - Flat products	1.14442							

COMM NAME	COMM_WT		2014-15	2015-16	2016-17	2017-18
1	2	3	4	5	6	7
f. Alloy steel other than Stainless Steel- Shapes	0.06671	99.8	-	88.7	85.6	
g. Stainless Steel - Semi Finished	0.92396	98.2			84.1	98.2
h. Pipes & tubes	0.20534	104.5				
metals	1.69264	106.5	108.7	100.9	100.1	107.9
j. Castings	0.92451	104.5	98.1	98.7	102.2	
k. Forgings of steel	0.27051	103.3			118.2	
(O). MANUFACTURE OF FABRICATED METAL	0.27001	100.0	110.0	110.1	110.2	110.1
PRODUCTS, EXCEPT MACHINERY AND						
EQUIPMENT	3.15498	103.0	105.8	105.9	105.1	109.5
a. Manufacture of structural metal products	1.03144	105.1	107.0		102.5	
b. Manufacture of tanks, reservoirs and containers of	1.00111	10011	107.0	100.2	102.0	100.0
metal	0.65951	102.4	104.2	109.1	109.2	122.6
c. Manufacture of steam generators, except central	0.0000					
heating hot water boilers	0.14462	115.6	103.5	101.9	108.5	109
d. Forging, pressing, stamping and roll-forming of						100
metal; powder metallurgy	0.38342	93.3	97.9	98.7	94.7	90.7
e. Manufacture of cutlery, hand tools and general	0.000.12					
hardware	0.20758	99.6	102.4	106.1	111.5	102.3
f. Manufacture of other fabricated metal products	0.72841	104.2				
(P). MANUFACTURE OF COMPUTER, ELECTRONI		103.0		108.0		
a. Manufacture of electronic components	0.40241	107.2	105.9		106.7	103.7
b. Manufacture of computers and peripheral						
equipment	0.33637	98.3	121.3	127.5	127.3	127.4
c. Manufacture of communication equipment	0.30998	106.9	107.2	105.1	104.1	110.6
d. Manufacture of consumer electronics	0.64095	99.8	100.7	101.5	100	103.1
control equipment	0.18056	101.6	102.2	101.1	103.1	106.9
f. Manufacture of watches and clocks	0.07551	113.3	122.7	125.0	137.9	137.8
g. Manufacture of irradiation, electromedical and						
electrotherapeutic equipment	0.05546	106.4	109.4	104.3	104.3	102.9
h. Manufacture of optical instruments and						
photographic equipment	0.00751	107.4	105.5	99.0	96.6	108
(Q). MANUFACTURE OF ELECTRICAL EQUIPMENT	2.92970	104.8	109.5	109.0	108.2	109.6
a. Manufacture of electric motors, generators,						
transformers and electricity distribution and control						
apparatus	1.29789	99.7	106.7	105.6	105	105.8
b. Manufacture of batteries and accumulators	0.23573	112.1	116.9	120.1	120.4	117.4
c. Manufacture of fibre optic cables for data						
transmission or live transmission of images	0.13327	119.7	126.0	122.1	118.8	116.5
d. Manufacture of other electronic and electric wires						
and cables	0.42798	106.7	106.9	101.3	99.7	105.7
e. Manufacture of wiring devices, electric lighting &						<u> </u>
display equipment	0.26294	101.1			108.5	
f. Manufacture of domestic appliances	0.36600	113.9		118.4	119.4	
g. Manufacture of other electrical equipment	0.20589	104.0	107.6	107.0	104.4	107.2

	2011-12=100					
COMM_NAME	COMM_WT	2013-14	2014-15	2015-16	2016-17	2017-18
1	2	3	4	5	6	7
(R). MANUFACTURE OF MACHINERY AND						
EQUIPMENT	4.78899	105.8	108.3	109.2	107.9	108.9
a. Manufacture of engines and turbines, except						
aircraft, vehicle and two wheeler engines	0.63840	103.2	104.1	106.0	104.1	102.3
b. Manufacture of fluid power equipment	0.16151	106.5	111.9		114.3	115.3
c. Manufacture of other pumps, compressors, taps	0.55183	107.9	108.8		106.6	108.6
d. Manufacture of bearings, gears, gearing and driving	0.34015	103.1	106.3	104.7	104.5	109
e. Manufacture of ovens, furnaces and furnace burne	0.00837	107.2	98.8	83.7	77.8	78.5
f. Manufacture of lifting and handling equipment	0.28509	103.9	105.9	104.0	103.2	105.8
g. Manufacture of office machinery and equipment	0.00582	103.1	140.6	131.3	130.2	130.2
h. Manufacture of other general-purpose machinery	0.43675	120.2	129.1	128.0	124.9	127.3
i. Manufacture of agricultural and forestry machinery	0.83265	105.5	108.3		112.3	112.8
j. Manufacture of metal-forming machinery and	0100200					
machine tools	0.22363	106.5	108.7	107.6	100.1	99.6
k. Manufacture of machinery for mining, quarrying	0.2200			10710		00.0
and construction	0.37079	94.2	89.5	89.6	79.6	75
Manufacture of machinery for food, beverage and	0.07070	U-1.L	00.0	00.0	70.0	,,
tobacco processing	0.22793	107.1	114.7	119.9	116.9	121.1
m. Manufacture of machinery for textile, apparel and	0.22733	107.1	114.7	113.3	110.5	121.1
leather production	0.19214	106.5	112.1	110.7	116.2	117.4
n. Manufacture of other special-purpose machinery	0.19214	100.5	108.2	112.6	115.8	119.5
o. Manufacture of other special-purpose machinery	0.40034	107.6	100.2	112.0	113.6	119.5
	0.04550	70.0	70.1	77.4	70.7	70.4
equipment (S). MANUFACTURE OF MOTOR VEHICLES,	0.04559	78.2	78.1	77.4	73.7	70.4
TRAILERS AND SEMI-TRAILERS	4.00050	107.4	100.0	1107	110.4	110.7
	4.96853	107.4	109.8		110.4	110.7
a. Manufacture of motor vehicles	2.60026	110.8	113.7	113.6	113.4	112.6
b. Manufacture of parts and accessories for motor	0.00007	400.0	405.5	407.5	407.0	400.0
vehicles	2.36827	103.6	105.5	107.5	107.2	108.6
(T). MANUFACTURE OF OTHER TRANSPORT						
EQUIPMENT	1.64777	103.0	106.2	105.9	107.7	110.2
a. Building of ships and floating structures	0.11734	140.0	158.6	158.6	158.7	158.8
b. Manufacture of railway locomotives and rolling						
stock	0.10979	106.3	99.6		100.6	104
c. Manufacture of motor cycles	1.30205	98.8				
d. Manufacture of bicycles and invalid carriages	0.11700					
e. Manufacture of other transport equipment	0.00159	112.3	113.5	117.5	116.5	119.9
(U). MANUFACTURE OF FURNITURE	0.72672	111.5	116.5	112.7	114.1	120.3
a. Manufacture of furniture	0.72672	111.5	116.5	112.7	114.1	120.3
(V). OTHER MANUFACTURING	1.06417	95.7	105.4	116.9	119.7	109.2
a. Manufacture of jewellery and related articles	0.99638	94.2	104.2	115.5	118.4	106.7
b. Manufacture of musical instruments	0.00124	120.3	133.8	153.7	158	171
c. Manufacture of sports goods	0.01238	106.6	113.9	118.0	124.7	126
d. Manufacture of games and toys	0.00476	112.1	118.2		125.2	128.2
e. Manufacture of medical and dental instruments						
and supplies	0.04941	122.4	125.1	144.6	143.3	151.9
1 P - 7 7						

TABLE No - 4.2									
	INDEX NUMBERS OF WHOLESALE PRICE IN INDIA								
		BY							
MAJOR GROUPS AND SUB-GROUPS									
	(BASE:	2011-12=100							
COMM_NAME	COMM_NAME   COMM_WT   2013-14   2014-15   2015-16   2016-17   2017-18								
	1	2	3	4	5	6	7		
IV FOOD INDEX		24.37758	120.6	125.8	127.3	134.7	137.3		

**Source :- Office of the Economics Adviser**