



**TRAINING MODULE ON
COMPILATION OF
CONSUMER PRICE INDEX AT
SUB- STATE LEVEL IN
ODISHA**

***DIRECTORATE OF ECONOMICS & STATISTICS,
ODISHA, BHUBANESWAR.***

4/6/2017



COMPILATION OF CONSUMER PRICE INDEX AT SUB- STATE LEVEL IN ODISHA

1. Introduction

1.1 Index numbers are the indicators which reflect changes over a specified period of time in respect of prices of different commodities, industrial production, sales, imports and exports, cost of living, etc. These indicators are important tools for review and management of present economic position and plan formulation. Some of the important indices like wholesale price index, industrial production index, agricultural production index, consumer price index, etc. give a fairly good idea as to what is happening to the economy of a country.

1.2 **Consumer Price Index Numbers** are constructed to study the effect of changes in the prices of a basket of goods and services on the purchasing power of a particular class of people during current period as compared with some base period. The Consumer Price Index Numbers are one of the most widely used statistical tools which is being put to numerous uses such as:

- (i) To adjust wages/ Dearness Allowance as well as social security & other benefits to compensate partly or completely for changes in the cost of living.
- (ii) To provide an average measure of price inflation for the household sector as a whole.
- (iii) For policy formulation by the Government.
- (iv) For situation analysis by the researchers etc.

1.3 In order to ensure better reflection of retail price movement and to help the R.B.I. for taking effective monetary policy steps dealing with inflation, Govt. of India has developed its methodology to compile C.P.I. at micro level on monthly basis. Globally, C.P.I. is also taken as the key indicator to measure health of the economy. It is used as an adjustment factor for indexation of wages, social security benefits and other payment. Similarly, for formulating state level policies and reaching the masses at the grass root level, it is also necessary to have district level inflation rates. In this context, Directorate of Economics & Statistics (DE&S), Odisha has taken steps to compile new series of C.P.I. at district level.

2. Sub-State CPI

2.1 Group of Technical Advisory Committee on Statistics of Prices and Cost of Living (TAC on SPCL) has made following recommendations for compiling District-wise or Sub-State level CPI using the data of Central Sample of NSS Consumer Expenditure Survey, if the pooled estimate of average expenditure is not available:

- a. If no. of FSUs in Central sample of a particular district is 15 or more, both for rural and urban, separately, average expenditure may be computed on the basis of Central samples for rural and urban. Therefore Consumer Price Indices (Rural/Urban Combined) may be compiled for these districts, sector wise and combined, taking prices from at least four markets of each sectors.;

- b. If it is less than 15, no. of FSUs in rural and urban areas in a particular district may be combined, and if the combined number is 15 or more, average expenditure per household may be computed from combined sample. Therefore, Consumer Price Indices (Combined) may be computed for those districts. However if combined no. is less than 15, indices would not be compiled for those districts till pooling exercise of Central & State sample was carried out successfully.
- c. For remaining districts, item level weights has been derived at regional level or for a group of contiguous districts (3/4) by combining FSUs of the central samples of constituent districts.

2.2 Accordingly, all the 30 districts of Odisha have been divided into 22 regions, which includes 15 districts as independent regions and two or three nearby remaining districts have been clubbed together to form seven regions. Item wise Average Monthly Expenditure per house hold and the percentage of house hold reporting the expenditure haven been estimated in respect of these 22 districts/regions using the central sample Modified Mixed Reference Period (MMRP) data of NSS 68th Round Consumer Expenditure Survey (2011-12) to prepare item baskets and weighing diagrams.

3. Item Basket and Weighing Diagram

3.1 Items have been classified into following Groups and Sub-groups, as mentioned in the Report of the Group of TAC on SPCL and practiced by the CSO:

Proposed groups and sub groups for the revised CPI(Rural/Urban)			
Group	Sub Group	COICOP code	Description
I		01	Food and beverages
	1	01.1.1	Cereals and products
	2	01.1.2	Meat and fish
	3	01.1.3	Egg
	4	01.1.4	Milk and products
	5	01.1.5	Oils and fats
	6	01.1.6	Fruits
	7	01.1.7.1	Vegetables
	8	01.1.7.2	Pulses and products
	9	01.1.8	Sugar and confectionery
	10	01.1.9	Spices
	11	01.2	Non-alcoholic beverages
12	11	Restaurants and hotels	
II		02	Pan, tobacco and intoxicants
III		03	Clothing and footwear
	1	03.1	Clothing
	2	03.2	Footwear
IV	1	04.1 to 04.4	Housing
V		04.5	Fuel and light

Proposed groups and sub groups for the revised CPI(Rural/Urban)			
Group	Sub Group	COICOP code	Description
VI			Miscellaneous
	1	05	Household goods and services
	2	06	Health
	3	07 and 08	Transport and communication
	4	09	Recreation and amusement
	5	10	Education
	6	12.1 and 12.3	Personal care and effects

3.2 Similarly, the item basket and weighing diagrams have been prepared as per guidelines given the aforementioned Report (being followed by the CSO), which are as follows:

a) Criteria of selection of items

The following four-fold criteria have been adopted:

- i) include all PDS items
- ii) Include all items accounting for 1% or more of total expenditure at sub-group level.
- iii) include all items accounting for more than specified percentage of total expenditure of all consumption items as given below:
- iv) Include all items for which more than 75% households have reported consumption.

Group	Group Description	Specified percentage out of total expenditure
(1)	(2)	(3)
Gr. 1, Gr.2, Gr. 4, Gr. 6	Food and Beverages, Pan, Tobacco and Intoxicants, Housing and Miscellaneous excluding 'Bedding'	> 0.04%
Gr. 5	Fuel and light	>0.03%
Gr. 3	Clothing and footwear, Section 'Bedding' under subgroup 'Household Goods and Services'	>0.02%

3.3 All consumption items (excluding legal service) satisfying any of the above four conditions has been retained. These are termed as weighted items. Expenditure on certain item was imputed considering its insignificant share and/or difficulties involved in pricing to the item(s) retained on the basis of mainly same or similar price movements.

b) Composite item

3.4 With a view to ensure adequate no. of items for pricing, it was decided to include certain important items for pricing even though the same are not being retained in the weighting diagram as such. For this purpose expenditure against those items has been clubbed together and put along with the weight of “other” item of the same subgroup provided their combined weight is more than 0.5% at sub group level. The average price relatives of these items would be used with combined weight of these items for compilation of index. A list of such composite items along with the items included in the same is given in Table A below.

Table A. Composite items

Sl.	Composite items	Items included
1	Other rice products (106)	Chira (103), khoi/lawa (104), muri (105)
2	Other wheat products (114)	Maida (110), Suji/rawa (111), Sewai/noodles(112), Bread (bakery) (113), Biscuits, chocolates , etc.(291)
3	Other tobacco products (317)	Snuff (313), Zarda/kimam/surti (316)
4	Other consumer services excluding conveyance (497)	Domestic servant/cook (480), Sweeper (482)
5	Other furniture & fixtures (557)	Bedstead (550), Almirah/dressing table (551), Chair/stool/bench/table (552)
6	Other cooking & household appliances (592)	Stove/gas burner (586)
7	Other crockery & utensils (573)	Stainless steel utensils (570), Other metal utensils (571),Casseroles/thermos/thermoware (572), Pressure cooker/pressure pan (587)

c) Imputation of weights

3.5 For items not retained in the weighting diagram, the expenditure recorded on such items in the CES, has been imputed to other items (being retained) of the same sub-group whose price movements are expected to follow the same or similar trend as those of the items being excluded. However, there are certain items, whose expenditure weight cannot be imputed to any single item of the same sub-group on the basis of above criterion. In such cases the only practical alternative, was to impute expenditure of such items to all the remaining items (being retained) in the concerned section / sub-group / group in proportion to the expenditure recorded on those items. In practice, imputation is done at three levels viz.

- Item level,

- Section level and
- Sub-group/Group level

d) Item level imputation

3.6 Item level imputation consisted of straight addition of weights of one or more items (being excluded) to an item being retained within the same section/subgroup having similar price trend. Detailed item level imputation plan covering important items of all the sub-groups/groups and their treatment for imputation is indicated in Table B below:

Table B

S.No.	Items to be imputed	Imputed to
(1)	(2)	(3)
1	Chira (103), Khoi/lawa (104), Muri (105), other rice products (106)	Rice-other sources (102)
2	Maida (110), Suji/rawa (111), Sewai/noodles (112), Bread (bakery) (113), Other wheat products (114), Biscuits, Chocolates, etc. (291)	Wheat/atta-other sources (108)
3	Grinding charges (486)	Major of other rice products (106) & Wheat/atta-other sources (108)
4	Arhar (140) and Khesari (147)	To one another
5	Gram split (141) and Gram whole (142)	To one another
6	Ghee (164) and Butter (165)	To one another
7	Curd (163)	Other milk products (167)
8	Pan leaf (300)	Pan finished (301)
9	Toddy (321) and Country liquor (322)	To one another
10	Beer (323) and Foreign liquor (324)	To one another
11	Coke (330), Coal (337), Charcoal (340)	To one another
12	Firewood & chips (331) and Dung cake (333)	To one another
13	Lungi (367)	Dhoti (350)
14	Telephone charges (488 and 487) and Postage & telegram (490)	Major of 3
15	Petrol other than conveyance (343) and diesel other than conveyance (344)	To one another
16	Petrol (508) for vehicle and diesel for vehicle (510)	To one another

S.No.	Items to be imputed	Imputed to
(1)	(2)	(3)
17	Lubricating oil (511)	Major of 508 and 510
18	Electric fan (580) and Air cooler (581)	To one another
19	Motor cycle /scooter (601) and Motor car/jeep (602)	To one another
20	Tyre/tube (603)	Major of 601 and 602
21	House rent/garage rent (520), Residential land rent (522)	House rent/garage rent (imputed) (539)

e) Section level imputation

3.7 Section level imputation consisted of proportionate distribution of expenditure of one or more un-priced items over several priced items, which forms a distinct section within the same subgroup. In these cases one or more un-priced items follow or are assumed to follow the combined price trend of several priced items within the same section. Details of sections formed under different sub groups are enclosed at Table C.

Table C.

Sub Group	Sections	Items Included
(1)	(2)	(3)
Cereals and products	Major Cereals and Products	rice- P.D.S.,rice - other sources,chira, khoi, lawa, muri, other rice products, wheat/atta-P.D.S., wheat/atta-other sources, maida, suji, rawa, sewai, noodles, bread (bakery), other wheat products, other cereals, cereal substitutes: tapioca, etc., biscuits, chocolates, etc.
	Course Cereals and Products	jowar& its products, bajra& its products, maize & products, barley & its products, small millets & their products, ragi& its products
	Grinding Charges	Grinding Charges
Meat and fish	Meat	goat meat/mutton, beef/ buffalo meat, pork, chicken, others: birds, crab, oyster, tortoise, etc.
	Fish	fish, prawn
	Egg	egg
Milk and	Liquid milk	milk : liquid

Sub Group	Sections	Items Included
(1)	(2)	(3)
products	Milk products	baby food, Milk: condensed/powder, curd, other milk products
Oils and fats	Oils	mustard oil, groundnut oil, coconut oil, refined oil (sunflower, soyabean, saffola etc.), edible oil : others
	Fats	ghee, butter, vanaspati/margarine
Fruits	Fresh fruits	banana, jackfruit, watermelon, pineapple, coconut, guava, singara, orange/mausami, papaya, mango, kharbooza, pears/naspati, berries, leechi, apple, grapes, other fresh fruits, green coconut
	Dry fruits	coconut : copra, groundnut, dates, cashew nut, walnut, other nuts, raisin/kishmish/monacca etc., other dry fruits
Vegetables	Root vegetables	potato, onion, radish, carrot, garlic, ginger
	Leafy vegetables	palak/other leafy vegetables
	Other Fresh vegetables	tomato, brinjal, green chillies,lady's finger, parwal/patal, kundru, cauliflower, cabbage, gourd, pumpkin, peas, beans &barbati, lemon, other vegetables
	Vegetable Products	chips, pickles
Pulses and products	Pulses	arhar, tur, gram (split), gram (whole), moong (green gram), masur (red lentils), urd (black gram), peas, khesari, other pulses
	Pulses products	gram products, besan, other pulse products
Sugar and confectionery	Sugar	sugar - p.d.s.,sugar - other sources, gur
	Confectionery	candy, misri, honey, jam, jelly (includes sauce)
	Ice-cream	ice-cream
Non-alcoholic beverages	Tea and Coffee Beverages	tea: leaf, coffee: powder
	Mineral Water and other beverages	mineral water, cold beverages: bottled/canned, fruit juice and shake, other beverages: cocoa, chocolate, etc.
Prepared meals etc. (Restaurants)	Prepared Tea and Coffee	tea: cups, coffee: cups

Prepared meals etc. (Restaurants)	Prepared Tea and Coffee	tea: cups, coffee: cups
	Prepared Meals	cooked meals purchased, cooked meals received free in work place, cooked meals received as assistance
	Sweets and snacks	cooked snacks purchased, other served processed food, prepared sweets, cake, pastry, papad, bhujia, namkeen, mixture, chanachur, other packaged processed food
Pan, supari & intoxicants etc.	Pan and ingredients	pan leaf, pan finished, ingredients for pan
	Tobacco products	bidi, cigarettes, leaf tobacco, snuff, hookah tobacco, cheroot, zarda, kimam, surti, other tobacco products
	Intoxicants	ganja, toddy, country liquor, beer, foreign/refined liquor, other intoxicants
Clothing & footwear	Readymade garments	dhoti, sari, chaddar/shawl, lungi, kurta-pajama suits: males, shirts, t-shirts, shorts, trousers, bermudas, baniyan, socks, other hosiery and undergarments, etc., kurta-pajama suits: females, frocks, skirts, etc., blouse, dupatta, scarf, muffler, other casual wear (includes night dresses), school/college uniform: boys, school/college uniform: girls
	Knitted garments	coat, jacket, sweater, windcheater etc , knitting wool
	Other clothing	kurta/kameez, pajamas/salwar, cloth for shirt, pajamas, kurta, salwar, cloth for coat, trousers, suit, etc., infant clothing, gamchha, towel, handkerchief, clothing (first hand): others , clothing: second hand headwear, belts, ties
	Tailoring and laundry Services	washerman, laundry, ironing charges, tailoring charges
Housing	House rent	house rent/garage rent (actual), residential land rent, house rent/garage rent (imputed-urban only)
	Housing charges	res building & land (cost of repairs only), water charges, other consumer taxes & cesses (municipal rates, watchman charges, refuse collection charges etc)(s)
Fuel and light	Electricity	electricity

	Gas fuel	L.P.G., gobar gas
	Liquid fuel	kerosene - p.d.s., kerosene - other sources, petrol (excluding conveyance), diesel (excluding conveyance), other fuel
	Solid fuel	coke, firewood and chips, dung cake, coal, charcoal
Household goods and services	Furniture & furnishings	bedstead, almirah, dressing table, chair, stool, bench, table, foam, rubber cushion, carpet, doree and other floor mattings, paintings, drawings, engravings, etc., other furniture & fixtures (couch, sofa, etc.), lantern, lamp, electric lampshade, bathroom & sanitary equipment
	Bedding	bed sheet, bed cover, rug, blanket, pillow, quilt, mattress, cloth for upholstery, curtain, tablecloth, etc., mosquito net, bedding: others
	Household appliances	electric fan, air conditioner, air cooler, inverter, sewing machine, washing machine, stove, gas burner, refrigerator, water purifier, electric iron, heater, toaster, oven & other electric heating appliances, other cooking/household appliances, other machines for household work, Other durables (specify), repair charge for non-durables
	Household utensils and crockery	earthenware, glassware, stainless steel utensils, other metal utensils, casseroles, thermos, thermoware, other crockery & utensils, pressure cooker/pressure pan
	Tools and equipment for house	torch, lock, electric bulb, tubelight, electric batteries, other non-durable electric goods, plugs, switches & other electrical fittings
	Other household items	matches (box), candle, bucket, water bottle/ feeding bottle & other plastic goods, coir, rope, etc., washing soap/soda/powder, other washing requisites, incense (agarbatti), room freshener, flower (fresh): all purposes, mosquito repellent, insecticide, acid, etc., other petty articles

	Household services	domestic servant/cook, attendant, sweeper, miscellaneous expenses, priest, other consumer services excluding conveyance, other consumer rent (hiring charges for furniture etc)(s)
Health	Institutional health	medicine, X-ray, ECG, pathological test etc.(s), doctor's/surgeon's fee(s),other medical expenses, hospital/nursing home charge(s)
	Non-institutional health	medicine, other medical equipment, family planning devices, spectacles, contact lenses, hearing aids and orthopedic equipment, other medical expenses (CGHS contribution etc), doctor's/surgeon's fee(s), X-ray, ECG, pathological test etc.(s)
Transport and communication	Transport vehicles	bicycle, motor cycle, scooter, motor car, jeep, tyres& tubes,other transport equipment
	Fuel for transport	petrol for vehicle, diesel for vehicle, lubricants and other fuels for vehicles, other conveyance expenses
	Transport services	air fare, railway fare,bus/tram fare, taxi/auto-rickshaw fare, steamer/boat fare, rickshaw (hand drawn & cycle) fare, horse cart fare, porter charges, school bus/van, etc.,
	Communication devices	mobile handset, telephone instrument (landline)
	Communication services	telephone charges: landline, telephone charges: Mobile, postage & telegram, internet expenses
Recreation and amusement	Recreation items	newspapers, periodicals, , sports goods, toys, etc., goods for recreation and hobbies, photography, pets animals (incl. birds, fish), radio, tape recorder, 2-in-1, television, VCR/VCD/DVD player, camera & photographic equipment, CD, DVD, audio/video cassette, etc., VCD/DVD hire (incl. instrument), musical instruments, other goods for recreation, PC/laptop/other peripherals incl software
	Recreational services	library charges, cinema, theatre, club fees, cable TV, other entertainment, hotel lodging charges, mela, fair, picnic

Education	Educational items	books, journals: first hand, books, journals, etc: second hand, stationery, photocopying charges, educational CD
	Educational services	tuition and other fees (school, college, etc.), private tutor/coaching centre, other educational expenses (incl. fees for enrollment in web-based training)
Personal care and effects	Personal care items other than ornaments	umbrella, raincoat, lighter (bidi, cigarette/gas stove), other minor durable-type goods, toilet soap, toothpaste, toothbrush, comb, etc., powder, snow, cream, lotion and perfume, hair oil, shampoo, hair cream, shaving blades, shaving stick, razor, shaving cream, aftershave lotion, sanitary napkins, other toilet articles, suitcase, trunk, box, handbag and other travel goods, clock, watch, any other personal goods
	Ornaments	gold ornaments, silver ornaments, jewels, pearls, other ornaments
	Personal care services	barber, beautician, etc.

f) Sub group/group level imputation

3.8 Sub-group/Group level imputation involved proportionate distribution of expenditure of one or more un-priced items over all the items included in the sub-group/group. It was ensured that expenditure reported in one sub-group is not transferred to another sub-group or group.

g) Final Weights of an Item

3.9 Thus, final expenditure allocated to an item to be priced, includes its own weight, weights of un-priced items imputed to it wholly and also proportionate share of weights of other un-priced items imputed to it partially. The resultant expenditure on each item, which is finally retained for pricing, is expressed as a percentage of the total expenditure accounted for by all the items included in the sub-group/group to yield the final weight of the items within the respective sub-group/group.

h) Weights of Sub-groups/Groups

3.10 The weight of each sub-group was obtained by expressing the total expenditure on the sub-group as a percentage of the total expenditure on all sub-groups of the same group. Similarly, weight of each group was obtained by expressing the total expenditure on the group as a percentage of the total expenditure on all groups.

4. Selection of Rural and Urban Samples

4.1 Odisha has 30 districts, divided into 22 regions, which includes 15 districts as independent regions and two or three nearby remaining districts have been clubbed together to form seven regions . A total of 129 villages and 70 Towns have been selected. The selection procedure have been explained below separately for rural and urban sectors.

RURAL

- i. Each Region has been divided into four strata using following criteria:

Table 1

Stratum	CD Block Population
I	More than 2 lakh
II	1 lakh - 2 lakh
III	50,000 - 1 lakh
IV	Less than 50,000

- ii. Each stratum has further been divided into sub-stratums by clubbing the number of nearby CD Blocks together as per the following criteria:

Table 2

Stratum	No. of CD Blocks in each sub-stratum
I	1
II	2
III	3
IV	4

- iii. If the number of CD blocks is less than the required number to form a sub-stratum, then such CD Blocks are transferred to next higher order of stratum. For instance, there is only one CD Block in Stratum III, and three CD Blocks are required to form a sub-stratum. In this case, that CD Block of Stratum III would be transferred to Stratum II, and included there in one of the sub-strata.

- iv. One village is allocated to or selected from each sub-stratum. Thus, number of villages allocated or selected in a particular Region is equal to the total number of sub-strata in that Region.
- v. The village having highest population within the sub-stratum has been selected for collection of prices for CPI (Rural) in Odisha.

4.2 Accordingly, a total of 129 villages have been selected for the state of Odisha.

URBAN

- i. There are 223 towns in Odisha, distributed over 30 districts. All the towns having population more than one lakh and district headquarters (even if their population is less than one lakh) have been purposively selected. Thus, **34** towns [30 towns (district HQ) and **4** towns having population more than 1 lakh] have been purposively selected.
- ii. Accordingly, for sample selection from remaining 189 towns of Odisha, the criteria for Stratification **within each district** are as follows:

Table: 1

Stratum	Class Interval (Population)
I	Less than 40,000
II	40,000 - 1,00,000

- iii. Then from each stratum, one town has been selected using PPSWR method of sampling. **District-wise classification of towns as: District Headquarters; Towns having Population >1,00,000; Stratum I; and Stratum II and selection of towns using purposive as well as PPSWR have been prepared to obtain the Urban Sample.**
- iv. Thus in total, 74 towns are being selected of which 34 towns are selected purposively and 40 towns are selected using PPWSR. Since, all the strata are represented, there is no stratum void. Thus, it conforms to the sampling principle.

5. Selection of Markets

- i. Number of markets have been allocated to each selected town, using following criteria:

Table 2

Towns having Population	Markets per Town
Less than 2 lakh	1
2 lakh - 6 lakh	2
More than 6 lakh	4

- ii. Accordingly, 44 markets have been allocated to 34 towns selected purposively. All other towns have population less than 1 lakh, which fall in the category of 'Town having Population Less than 2 lakh'. Therefore, from such towns, one market per town is to be selected. Another 40 markets have been allocated from the remaining 40 towns. Thus 84 no. of markets have been allocated to 74 no. of selected towns.
- iii. In case of non-availability of suitable markets in the selected towns (under PPSWR), towns will be substituted by adopting the same procedure.

6. Market Survey

6.1. It is generally observed that price changes from one shop to another, market to market, and place to place, we need to have prices from different markets. At the time, it is not possible to collect prices from all the shops of all the markets. Therefore, it is necessary to select some of the markets and then some of the shops from those selected markets in a way that prices collected are representative of that area/region.

6.2 Price dynamics does not depend only on shop or market; it depends on the buying behaviour of consumers also. Price charged for bulk quantity purchase is generally less than that for small quantity. For instance, let us suppose, the general price for potato on a shop is Rs. 15/kg. A buyer goes to the shop and purchases 5 kg of potato at a time, the shop would offer him some discount and may ask of Rs. 70, instead of Rs. 75. Thus, the effective price paid is Rs. 14/kg. On the hand, the same shopkeeper may charge Rs. 4 for 250 gram of potato from another buyer, instead of Rs. 3.75. In this case the effective price is Rs. 16/kg.

6.3 Further, there are a number of varieties of same item having different levels of prices. For instance, rice has many varieties, namely, basmati, mansoori, joha, shella etc. Within a particular variety, there are different levels of quality: coarse, fine, super fine, broken rice, full grain etc. Packaging of items also affects price. Brand has also significant impact on price. Price of which variety, quality, brand and quantity is a representative price of that item is important to be decided.

6.4 Selection of markets, identification of shops, fixing specification of items with unit & quantity, and collection of prices for the Base period put together is known as Market Survey. It is the most important activity of the index compilation. The quality of index, in terms of being representative of the consumers' price, depends only on this activity. Therefore, suitable sampling technique must be adopted to select market and shops. Fixing of specifications must be based on popularity of variety and quality of an item and the frequent buying behaviour. A particular variety popular in the market catering to the poor may not be popular in the market of rich or affluent people. If we select all the market catering to a particular segment of

population, in terms of level of income or expenditure, the fixed specifications will not be representative of the entire population. Therefore, it is important to allocate the number of markets proportionately to Affluent; Middle; and Poor segment of population, within each town or village. This proportion may be computed using the share of turnover of the markets of the respective segments. In the absence of this data, share of population of these segments of populations may be used. Sometimes, such segments are already available in CES.

6.5 In the case of rural areas, homogeneous consumption pattern is generally found, irrespective of level of income. If this is the case, such allocation of markets is not required in the rural area. Indian case is similar to that, therefore, CSO has not allocated markets to aforementioned segment of population in CPI (Rural), whereas in the case of CPI (Urban), markets have been allocated to Affluent, Middle and Poor segments in the proportion of 1:2:1 within each selected town.


6.6 Preparation of Shop List:

- i. PGPCPI suggests two methods for outlet selection: Judgmental Sampling; and PPS Sampling with turnover as size measure.
- ii. PPS Sampling is done using
 - Business Register
 - Telephone directories of business
 - Records of local administration
- iii. In the absence of these, Judgmental sampling mixed with interview of few people and shopkeepers is used for shop selection.
- iv. The most popular shop is selected as original shop.
- v. Next two most popular shop is kept as reserve 1 and reserve 2 shops.
- vi. Shop list is prepared item-wise, since a shop 'A' may be most popular for item 'X' but not for item 'Y'.

6.7 Fixing Structured Product description (SPD)

- i. SPD consists of all those characteristics of product, which affect the price. For instance, variety, brand, size, quality, type of packaging, unit, quantity etc.
- ii. SPD of each item should be fixed market-wise on the basis of popularity.
- iii. If branded item is popular, then specification must include brand.
- iv. Quality of item should also be included in the specification on the basis of popular buying.
- v. Determination of unit and quantity is also important. Price charged for bulk quantity purchase is generally less than that for small quantity.

- vi. SPDs are sometimes used in conjunction with picture of items for easy understanding. An example of an SPD of an item with picture is given in the following Table.

S.No	Item Code	item Name	Item Description	Unit	Qty	Image
	1.1.01.1.1.02.1	rice 1	type of rice: swarna, packed/loose: loose, brand name/not branded: tajmahal, size of grain (1/4,1/2,3/4,full):full, grade (superfine/fine/ coarse):coarse, boiled/par-boiled:, other, if any:,	kg	1	

6.8 Weighing diagram, prepared using the data of CES, provides the basket of 'Weighted Items'. The weighted items should be further broken down into 'Priced Items'. As for example, CES provides weight for an item 'Medicine'. Thus, 'Medicine' is a 'Weighted Item'. Now, to compile CPI we need representative price of Medicine. Price of antibiotics alone cannot represent it. Same is the case with antifever or vitamin or pain killer etc. Therefore, it is necessary to break the item 'Medicine' further down into many items namely, pain killer tablet (allopathic), cough syrup, vitamin B complex, antifever tablets (allopathic), antibiotic tablet (allopathic), cough syrup (homeopathic), anti-fever (homeopathic), tonic (homeopathic), chavanprash etc. These items are called Priced Items of the Weighted Item 'Medicine'. One Weighted Item may have either one Priced Item or more than one Priced Items.

6.9 Similarly, suppose in the case of Rice, one particular variety may not be the most popular. There may be two or more varieties, which are equally popular. In such circumstance, the Weighted Item 'Rice' would be broken down into two or more Priced Items as Rice1, Rice2.....

6.10 All items in the basket are to be properly classified using Classification of Individual Consumption according to Purpose (COICOP) and properly codified accordingly, so that one can easily identify that a particular Priced Item belong to certain Weighted Item falling in a particular Sub-group, Group, etc.

6.11 In order to ensure better comparability with CPIs of other countries, it is desirable to have the classification of items synchronized with COICOP. At the same time, it is also important to make it relevant to the Indian context by making it comparable to groups and sub-groups being followed in the CPI series compiled in the country.

6.12 There are 12 major Divisions in COICOP whereas there are five Groups in the existing series of CPI (R/U/C) being compiled by the CSO. The classification at lower level should definitely be followed as per COICOP, but top level number of class have been kept close to the old series of CPI to ensure comparability.

6.13 Nine digits coding structure of items may be followed containing identification of Groups, Categories, Sub-groups, Sections, Goods or Services etc. From left, 1st digit denotes 'Group', 2nd digit denotes 'Category', 3rd - 4th digits denote 'Sub-group', 5th digit denotes 'Section', 6th digit denotes 'Goods/Services' ('1' for Goods and '2' for Services), 7th-8th digits denote 'Weighted Item', 9th digit gives identification of more than one variety of the same Priced Item. If 9th digit is '0', it means there is single priced item against the Weighted Item, else the digit 'i' indicates that it is *i*th Priced Item against the respective weighted item. In case of PDS items, the different types of Priced Items, against a particular Weighted Item, are denoted by A, B, C etc. at the 9th place of code (from left). Detailed codes of each item reflecting its Group, Category, Sub-group, Section, Goods/Services, etc. are given as follows for guidance:

Table. Codification of Priced Items

NSS 68 Item Code	Item Name	CPI Basket Item Code	CPI Basket Item Description
(1)	(2)	(3)	(4)
	Food and beverages	1	
	Food	1.1	
	Cereals and products	1.1.01	
	Major cereals and products	1.1.01.1	
101	Rice - PDS	1.1.01.1.1.01.A	Rice PDS (APL)
		1.1.01.1.1.01.B	Rice PDS (BPL)
		1.1.01.1.1.01.C	Rice PDS (AAY)
102	Rice - other sources	1.1.01.1.1.02.1	Rice 1 (other than PDS)
		1.1.01.1.1.02.2	Rice 2 (other than PDS)
103	Chira	1.1.01.1.1.03.0	Chira
104	Khoi, lawa	1.1.01.1.1.04.0	Khoi, lawa
105	Muri	1.1.01.1.1.05.0	Muri
106	Other rice products	1.1.01.1.1.06.0	Other rice products
107	Wheat/ Wheat atta - PDS	1.1.01.1.1.07.A	Wheat PDS (APL)
		1.1.01.1.1.07.B	Wheat PDS (BPL)
		1.1.01.1.1.07.C	Wheat PDS (AAY)
		1.1.01.1.1.07.D	Wheat atta PDS (APL)
		1.1.01.1.1.07.E	Wheat atta PDS (BPL)
		1.1.01.1.1.07.F	Wheat atta PDS (AAY)
108	Wheat/ Wheat atta - other sources	1.1.01.1.1.08.1	Wheat (loose) -other than pds
		1.1.01.1.1.08.2	Wheat (loose)- other than PDS
		1.1.01.1.1.08.3	Wheat atta(other than PDS)
110	Maida	1.1.01.1.1.09.0	Maida
111	Suji, rawa	1.1.01.1.1.10.0	Suji, rawa
112	Sewai, noodles	1.1.01.1.1.11.1	Sewai
		1.1.01.1.1.11.2	Noodles
113	Bread (bakery)	1.1.01.1.1.12.0	Bread (bakery)
291	Biscuits, chocolates, etc.	1.1.01.1.1.13.1	Biscuits
		1.1.01.1.1.13.2	Chocolates
114	Other wheat products	1.1.01.1.1.14.0	Other wheat products

NSS 68 Item Code	Item Name	CPI Basket Item Code	CPI Basket Item Description
(1)	(2)	(3)	(4)
122	Other cereals	1.1.01.1.1.15.0	Other cereals
139	Cereal substitutes: tapioca, etc.	1.1.01.1.1.16.0	Cereal substitutes: tapioca, etc.
	Course cereals and products	1.1.01.2	
115	Jowar & its products	1.1.01.2.1.01.1	Jowar
		1.1.01.2.1.01.2	Jowar product (specify)
116	Bajra & its products	1.1.01.2.1.02.1	Bajra
		1.1.01.2.1.02.2	Bajra atta
117	Maize & products	1.1.01.2.1.03.1	Maize
		1.1.01.2.1.03.2	Maize atta
118	Barley & its products	1.1.01.2.1.04.1	Barley
		1.1.01.2.1.04.2	Barley products
120	Small millets & their products	1.1.01.2.1.05.1	Small millets
		1.1.01.2.1.05.2	Small millets products
121	Ragi & its products	1.1.01.2.1.06.1	Ragi
		1.1.01.2.1.06.2	Ragi product (specify)
	Grinding charges	1.1.01.3	
486	Grinding charges	1.1.01.3.2.01.0	Grinding charges
	Meat and fish	1.1.02	
	Meat	1.1.02.1	
192	Goat meat/mutton	1.1.02.1.1.01.0	Goat meat/mutton
193	Beef/ buffalo meat	1.1.02.1.1.02.1	Beef
		1.1.02.1.1.02.2	Buffalow meat
194	Pork	1.1.02.1.1.03.0	Pork
195	Chicken	1.1.02.1.1.04.0	Chicken
196	Others: birds, crab, oyster, tortoise, etc.	1.1.02.1.1.05.0	Others: birds, crab, oyster, tortoise, etc.
	Fish, prawn	1.1.02.2	
191	Fish, prawn	1.1.02.2.1.01.1	Fish 1 (fresh)
		1.1.02.2.1.01.2	Fish 2 (fresh)
		1.1.02.2.1.01.3	Fish(dry)
		1.1.02.2.1.01.4	Prawn
	Egg	1.1.03	
190	Egg	1.1.03.1.1.01.0	Egg
	Milk and milk products	1.1.04	
	Liquid milk	1.1.04.1	
160	Milk: liquid	1.1.04.1.1.01.1	Milk (pasteurized): high fat content
		1.1.04.1.1.01.2	Milk (pasteurized): low fat content
		1.1.04.1.1.01.3	Milk(non-pasteurised -cow)
		1.1.04.1.1.01.4	Milk(non-pasteurised -buffalo)
	Milk products	1.1.04.2	
161	Baby food	1.1.04.2.1.01.0	Baby food
162	Milk: condensed/ powder	1.1.04.2.1.02.1	Milk: condensed
		1.1.04.2.1.02.2	Milk: powder

NSS 68 Item Code	Item Name	CPI Basket Item Code	CPI Basket Item Description
(1)	(2)	(3)	(4)
163	Curd	1.1.04.2.1.03.0	Curd
167	Other milk products	1.1.04.2.1.04.0	Other milk products
	Oils and fats	1.1.05	
	Oils	1.1.05.1	
181	Mustard oil	1.1.05.1.1.01.0	Mustard oil
182	Groundnut oil	1.1.05.1.1.02.0	Groundnut oil
183	Coconut oil	1.1.05.1.1.03.0	Coconut oil
184	Refined oil (sunflower, soyabean, saffola, etc.)	1.1.05.1.1.04.0	Refined oil (sunflower, soyabean, saffola, etc.)
185	Edible oil: others	1.1.05.1.1.05.0	Edible oil: others
	Fats	1.1.05.2	
164	Ghee	1.1.05.2.1.01.0	Ghee
165	Butter	1.1.05.2.1.02.0	Butter
180	Vanaspati, margarine	1.1.05.2.1.03.0	Vanaspati, margarine
	Fruits	1.1.06	
	Fresh fruits	1.1.06.1	
220	Banana	1.1.06.1.1.01.0	Banana
221	Jackfruit	1.1.06.1.1.02.0	Jackfruit
222	Watermelon	1.1.06.1.1.03.0	Watermelon
223	Pineapple	1.1.06.1.1.04.0	Pineapple
224	Coconut	1.1.06.1.1.05.0	Coconut
225	Green coconut	1.1.06.1.1.06.0	Green coconut
226	Guava	1.1.06.1.1.07.0	Guava
227	Singara	1.1.06.1.1.08.0	Singara
228	Orange, mausami	1.1.06.1.1.09.1	Orange
		1.1.06.1.1.09.2	Mausami
230	Papaya	1.1.06.1.1.10.0	Papaya
231	Mango	1.1.06.1.1.11.0	Mango
232	Kharbooza	1.1.06.1.1.12.0	Kharbooza
233	Pears/nashpati	1.1.06.1.1.13.1	Pears
		1.1.06.1.1.13.2	Nashpati
234	Berries	1.1.06.1.1.14.0	Berries
235	Leechi	1.1.06.1.1.15.0	Leechi
236	Apple	1.1.06.1.1.16.0	Apple
237	Grapes	1.1.06.1.1.17.0	Grapes
238	Other fresh fruits	1.1.06.1.1.18.0	Other fresh fruits
	Dry fruits	1.1.06.2	
240	Coconut: copra	1.1.06.2.1.01.0	Coconut: copra
241	Groundnut	1.1.06.2.1.02.0	Groundnut
242	Dates	1.1.06.2.1.03.0	Dates
243	Cashewnut	1.1.06.2.1.04.0	Cashewnut
244	Walnut	1.1.06.2.1.05.0	Walnut
245	Other nuts	1.1.06.2.1.06.0	Other nuts

NSS 68 Item Code	Item Name	CPI Basket Item Code	CPI Basket Item Description
(1)	(2)	(3)	(4)
246	Raisin, kishmish, monacca, etc.	1.1.06.2.1.07.1	Raisin
		1.1.06.2.1.07.2	Kishmish
		1.1.06.2.1.07.3	Monacca
247	Other dry fruits	1.1.06.2.1.08.0	Other dry fruits
	Vegetables	1.1.07	
	Root vegetables	1.1.07.1	
200	Potato	1.1.07.1.1.01.0	Potato
201	Onion	1.1.07.1.1.02.0	Onion
204	Radish	1.1.07.1.1.03.0	Radish
205	Carrot	1.1.07.1.1.04.0	Carrot
251	Garlic	1.1.07.1.1.05.0	Garlic
250	Ginger	1.1.07.1.1.06.0	Ginger
	Leafy vegetables	1.1.07.2	
206	Palak/other leafy vegetables	1.1.07.2.1.01.1	Palak
		1.1.07.2.1.01.2	Other leafy vegetables (specify)
	Other vegetables	1.1.07.3	
202	Tomato	1.1.07.3.1.01.0	Tomato
203	Brinjal	1.1.07.3.1.02.0	Brinjal
211	Cauliflower	1.1.07.3.1.03.0	Cauliflower
212	Cabbage	1.1.07.3.1.04.0	Cabbage
207	Green chillies	1.1.07.3.1.05.0	Green chillies
208	Lady's finger	1.1.07.3.1.06.0	Lady's finger
210	Parwal/patal, kundru	1.1.07.3.1.07.1	Parwal, patal
		1.1.07.3.1.07.2	Kundru
213	Gourd, pumpkin	1.1.07.3.1.08.1	Pumpkin
		1.1.07.3.1.08.2	Gourd
214	Peas	1.1.07.3.1.09.0	Peas
215	Beans, barbati	1.1.07.3.1.10.1	French beans
		1.1.07.3.1.10.2	Barbati
216	Lemon	1.1.07.3.1.11.0	Lemon
217	Other vegetables	1.1.07.3.1.12.0	Other vegetables
	Vegetables products	1.1.07.4	
294	Pickles	1.1.07.4.1.01.0	Pickles
293	Chips	1.1.07.4.1.02.0	Chips
	Pulses and products	1.1.08	
	Pulses	1.1.08.1	
140	Arhar, tur	1.1.08.1.1.01.0	Arhar, tur
141	Gram: split	1.1.08.1.1.02.0	Gram: split
142	Gram: whole	1.1.08.1.1.03.0	Gram: whole
143	Moong	1.1.08.1.1.04.0	Moong
144	Masur	1.1.08.1.1.05.0	Masur
145	Urd	1.1.08.1.1.06.0	Urd
146	Peas	1.1.08.1.1.07.0	Peas

NSS 68 Item Code	Item Name	CPI Basket Item Code	CPI Basket Item Description
(1)	(2)	(3)	(4)
147	Khesari	1.1.08.1.1.08.0	Khesari
148	Other pulses	1.1.08.1.1.09.0	Other pulses
	Pulses products	1.1.08.2	
150	Gram products	1.1.08.2.1.01.0	Gram products
151	Besan	1.1.08.2.1.02.0	Besan
152	Other pulse products	1.1.08.2.1.03.0	Other pulse products
	Sugar and confectionery	1.1.09	
	Sugar	1.1.09.1	
171	Sugar - PDS	1.1.09.1.1.01.A	Sugar - PDS (APL)
		1.1.09.1.1.01.B	Sugar - PDS (BPL)
		1.1.09.1.1.01.C	Sugar - PDS (AAY)
172	Sugar - other sources	1.1.09.1.1.02.0	Sugar - other sources
173	Gur	1.1.09.1.1.03.0	Gur
	Confectionery	1.1.09.2	
174	Candy, misri	1.1.09.2.1.01.0	Candy, misri
175	Honey	1.1.09.2.1.02.0	Honey
295	Sauce, jam, jelly	1.1.09.2.1.03.1	Sauce
		1.1.09.2.1.03.2	Jam / jelly
	Ice-cream	1.1.09.3	
166	Ice-cream	1.1.09.3.1.01.0	Ice-cream
	Spices	1.1.10	
170	Salt	1.1.10.1.1.01.0	Salt
252	Jeera	1.1.10.1.1.02.0	Jeera
253	Dhania	1.1.10.1.1.03.0	Dhania
254	Turmeric	1.1.10.1.1.04.0	Turmeric
255	Black pepper	1.1.10.1.1.05.0	Black pepper
256	Dry chillies	1.1.10.1.1.06.0	Dry chillies
257	Tamarind	1.1.10.1.1.07.0	Tamarind
258	Curry powder	1.1.10.1.1.08.0	Curry powder
260	Oilseeds	1.1.10.1.1.09.0	Oilseeds
261	Other spices	1.1.10.1.1.10.0	Other spices
	Beverages	1.2	
	Non-alcoholic beverages	1.2.11	
	Tea and coffee beverages	1.2.11.1	
271	Tea: leaf	1.2.11.1.1.01.0	Tea: leaf
273	Coffee: powder	1.2.11.1.1.02.0	Coffee: powder
	Mineral water and other beverages	1.2.11.2	
274	Mineral water	1.2.11.2.1.01.0	Mineral water
275	Cold beverages: bottled/canned	1.2.11.2.1.02.1	Cold beverages 1
		1.2.11.2.1.02.2	Cold beverages 2
276	Fruit juice and shake	1.2.11.2.1.03.1	Fruit juice (from concentrate)

NSS 68 Item Code	Item Name	CPI Basket Item Code	CPI Basket Item Description
(1)	(2)	(3)	(4)
		1.2.11.2.1.03.2	Fruit juice (not from concentrate)
277	Other beverages: cocoa, chocolate, etc.	1.2.11.2.1.04.0	Other beverages: cocoa, chocolate, etc.
	Prepared meals, snacks, sweets etc.	1.1.12	
	Prepared tea and coffee	1.1.12.1	
270	Tea: cups	1.1.12.1.1.01.0	Tea: cups
272	Coffee: cups	1.1.12.1.1.02.0	Coffee: cups
	Prepared meals	1.1.12.2	
280	Cooked meals purchased	1.1.12.2.1.01.0	Cooked meals purchased
281	Cooked meals received free in workplace	1.1.12.2.1.02.0	Cooked meals received free in workplace
282	Cooked meals received as assistance	1.1.12.2.1.03.0	Cooked meals received as assistance
	Sweets and snacks	1.1.12.3	
283	Cooked snacks purchased [samosa, puri, paratha, burger, chowmein, idli, dosa, vada, chops, pakoras, paobhaji, etc.]	1.1.12.3.1.01.1	Cooked snacks purchased: snacks
		1.1.12.3.1.01.2	Cooked snacks purchased: meals
284	Other served processed food	1.1.12.3.1.02.0	Other served processed food
290	Prepared sweets, cake, pastry	1.1.12.3.1.03.1	Prepared sweets 1 (milk based)
		1.1.12.3.1.03.2	Prepared sweets 2 (besan based)
		1.1.12.3.1.03.3	Prepared sweets 3 (all kinds of halwa)
		1.1.12.3.1.03.4	Prepared sweets 4 (others)
		1.1.12.3.1.03.5	Cake
		1.1.12.3.1.03.6	Pastry
292	Papad, bhujia, namkeen, mixture, chanachur	1.1.12.3.1.04.0	Papad, bhujia, namkeen, mixture, chanachur
296	Other packaged processed food	1.1.12.3.1.05.0	Other packaged processed food
	Pan, tobacco and intoxicants	2	
	Intoxicants	2.1.01.1	
322	Country liquor	2.1.01.1.1.01.0	Country liquor
324	Foreign/refined liquor or wine	2.1.01.1.1.02.0	Foreign/refined liquor or wine
321	Toddy	2.1.01.1.1.03.0	Toddy
323	Beer	2.1.01.1.1.04.0	Beer
325	Other intoxicants	2.1.01.1.1.05.0	Other intoxicants
320	Ganja	2.1.01.1.1.06.0	Ganja
	Pan and ingredients	2.1.01.2	
300	Pan: leaf	2.1.01.2.1.01.0	Pan: leaf
301	Pan: finished	2.1.01.2.1.02.0	Pan: finished
302	Ingredients for pan	2.1.01.2.1.03.1	Supari
		2.1.01.2.1.03.2	Lime
		2.1.01.2.1.03.3	Katha
		2.1.01.2.1.03.4	Other ingredients for pan (specify)
	Tobacco products	2.1.01.3	
310	Bidi	2.1.01.3.1.01.0	Bidi
311	Cigarettes	2.1.01.3.1.02.1	Cigarettes (filtered)

NSS 68 Item Code	Item Name	CPI Basket Item Code	CPI Basket Item Description
(1)	(2)	(3)	(4)
		2.1.01.3.1.02.2	Cigarettes(non- filtered)
312	Leaf tobacco	2.1.01.3.1.03.0	Leaf tobacco
313	Snuff	2.1.01.3.1.04.0	Snuff
314	Hookah tobacco	2.1.01.3.1.05.0	Hookah tobacco
315	Cheroot	2.1.01.3.1.06.0	Cheroot
316	Zarda, kimam, surti	2.1.01.3.1.07.0	Zarda, kimam, surti
317	Other tobacco products	2.1.01.3.1.08.0	Other tobacco products
	Clothing and footwear	3	
	Clothing	3.1.01	
	Readymade garments	3.1.01.1	
350	Dhoti	3.1.01.1.1.01.0	Dhoti
351	Saree	3.1.01.1.1.02.0	Saree
355	Shawl, chaddar	3.1.01.1.1.03.1	Chaddar
		3.1.01.1.1.03.2	Shawl:woolen
367	Lungi	3.1.01.1.1.04.0	Lungi
358	Kurta-pajama suits: males	3.1.01.1.1.05.0	Kurta-pajama suits: males
363	Shirts, T-shirts	3.1.01.1.1.06.1	Shirts
		3.1.01.1.1.06.2	T-shirts
364	Shorts, trousers, bermudas	3.1.01.1.1.07.1	Shorts, bermudas
		3.1.01.1.1.07.2	Trousers
370	Baniyan, socks, other hosiery and undergarments, etc.	3.1.01.1.1.08.1	Baniyan
		3.1.01.1.1.08.2	Socks and other hoseiry articles
		3.1.01.1.1.08.3	Undergarments
360	Kurta-pajama suits: females	3.1.01.1.1.09.0	Kurta-pajama suits: females
365	Frocks, skirts, etc.	3.1.01.1.1.10.0	Frocks, skirts, etc.
366	Blouse, dupatta, scarf, muffler	3.1.01.1.1.11.1	Blouse
		3.1.01.1.1.11.2	Dupatta, scarf, muffler
368	Other casual wear	3.1.01.1.1.12.0	Other casual wear
356	School/college uniform: boys	3.1.01.1.1.13.0	School/college uniform: boys
357	School/college uniform: girls	3.1.01.1.1.14.0	School/college uniform: girls
	Knitted garments	3.1.01.2	
354	Coat, jacket, sweater, windcheater	3.1.01.2.1.01.1	Coat
		3.1.01.2.1.01.2	Jacket
		3.1.01.2.1.01.3	Sweater
		3.1.01.2.1.01.4	Windcheater
374	Knitting wool	3.1.01.2.1.02.0	Knitting wool
	Other clothing	3.1.01.3	
361	Kurta, kameez	3.1.01.3.1.01.0	Kurta, kameez
362	Pajamas, salwar	3.1.01.3.1.02.0	Pajamas, salwar
352	Cloth for shirt, pyjama, kurta, salwar, etc.	3.1.01.3.1.03.1	Cloth for shirt
		3.1.01.3.1.03.2	Cloth for pyjama
		3.1.01.3.1.03.3	Cloth for salwar suit (without dupatta)
		3.1.01.3.1.03.4	Cloth for blouse

NSS 68 Item Code	Item Name	CPI Basket Item Code	CPI Basket Item Description
(1)	(2)	(3)	(4)
353	Cloth for coat, trousers, suit, etc.	3.1.01.3.1.04.1	Cloth for coat (woolen)
		3.1.01.3.1.04.2	Cloth for pant/trousers
372	Infant clothing	3.1.01.3.1.05.0	Infant clothing
375	Clothing (first-hand): other	3.1.01.3.1.06.0	Clothing (first-hand): other
376	Clothing: second-hand	3.1.01.3.1.07.0	Clothing: second-hand
371	Gamchha, towel, handkerchief	3.1.01.3.1.08.1	Towel/gamchha
		3.1.01.3.1.08.2	Handkerchief
373	Headwear, belts, ties	3.1.01.3.1.09.1	Head wear
		3.1.01.3.1.09.2	Belts
		3.1.01.3.1.09.3	Ties
	Tailoring and laundry services	3.1.01.4	
484	Washerman, laundry, ironing	3.1.01.4.2.01.1	Washerman / laundry
		3.1.01.4.2.01.2	Ironing charges
485	Tailor	3.1.01.4.2.02.1	Tailoring charges for gents pant:
		3.1.01.4.2.02.2	Tailoring charge for gents shirt:
		3.1.01.4.2.02.3	Tailoring charges for ladies suit:
		3.1.01.4.2.02.4	Tailoring charges for blouse:
	Footwear	3.1.02	
390	Leather boots, shoes	3.1.02.1.1.01.1	Leather shoes(gents)
		3.1.02.1.1.01.2	Leather shoes(children)
391	Leather sandals, chappals, etc.	3.1.02.1.1.02.1	Leather sandals/chappals(gents)
		3.1.02.1.1.02.2	Leather chappals(ladies)
		3.1.02.1.1.02.3	Leather sandals/chappals(children)
392	Other leather footwear	3.1.02.1.1.03.0	Other leather footwear
393	Rubber / PVC footwear	3.1.02.1.1.04.1	Rubber/ PVC footwear(gents)
		3.1.02.1.1.04.2	Rubber/ PVC footwear(ladies)
394	Other footwear	3.1.02.1.1.05.0	Other footwear
395	Footwear: second-hand	3.1.02.1.1.06.0	Footwear: second-hand
	Housing	4	
	House rent	4.1.01.1	
520	House rent, garage rent (actual)	4.1.01.1.2.01.1	House rent (actual)
		4.1.01.1.2.01.2	Garage rent (actual)
522	Residential land rent	4.1.01.1.2.02.0	Residential land rent
539	House rent, garage rent (imputed- urban only)	4.1.01.1.2.03.0	House rent, garage rent (imputed- urban only)
	Housing charges	4.1.01.2	
632	Residential building & land (cost of repairs only)	4.1.01.2.2.01.1	white washingcharges/person/day
		4.1.01.2.2.01.2	Mason charges per person per day
540	Water charges	4.1.01.2.2.02.1	Water charges(fixed:per month)
		4.1.01.2.2.02.2	Water charges
541	Other consumer taxes & cesses	4.1.01.2.2.03.0	Other consumer taxes & cesses

NSS 68 Item Code	Item Name	CPI Basket Item Code	CPI Basket Item Description
(1)	(2)	(3)	(4)
	Fuel and light	5	
	Electricity	5.1.01.1	
332	Electricity (std. Unit)	5.1.01.1.1.01.0	Electricity (std. Unit)
	Gas fuel	5.1.01.2	
338	LPG (excl. Conveyance)	5.1.01.2.1.01.1	LPG cylinder (domestic)
		5.1.01.2.1.01.2	Piped Natural Gas-PNG
342	Gobar gas	5.1.01.2.1.02.0	Gobar gas
	Liquid fuel	5.1.01.3	
334	Kerosene - PDS	5.1.01.3.1.01.A	Kerosene - PDS (APL)
		5.1.01.3.1.01.B	Kerosene - PDS (BPL)
		5.1.01.3.1.01.C	Kerosene - PDS (AAY)
335	Kerosene - other sources	5.1.01.3.1.02.0	Kerosene - other sources
343	Petrol (excl. Conveyance)	5.1.01.3.1.03.0	Petrol (excl. Conveyance)
344	Diesel (excl. Conveyance)	5.1.01.3.1.04.0	Diesel (excl. Conveyance)
345	Other fuel	5.1.01.3.1.05.0	Other fuel
	Solid fuel	5.1.01.4	
330	Coke	5.1.01.4.1.01.0	Coke
331	Firewood and chips	5.1.01.4.1.02.0	Firewood and chips
337	Coal	5.1.01.4.1.03.0	Coal
340	Charcoal	5.1.01.4.1.04.0	Charcoal
333	Dung cake	5.1.01.4.1.05.0	Dung cake
	Miscellaneous	6	
	Household goods and services	6.1.01	
	Furniture and furnishings	6.1.01.1	
550	Bedstead	6.1.01.1.1.01.0	Bedstead
551	Almirah, dressing table	6.1.01.1.1.02.0	Almirah, dressing table
552	Chair, stool, bench, table	6.1.01.1.1.03.1	Moulded plastic chair (normal size)
		6.1.01.1.1.03.2	Wooden table
554	Foam, rubber cushion	6.1.01.1.1.04.0	Foam, rubber cushion
556	Paintings, drawings, engravings, etc.	6.1.01.1.1.05.0	Paintings, drawings, engravings, etc.
557	Other furniture & fixtures (couch, sofa, etc.)	6.1.01.1.1.06.0	Other furniture & fixtures (couch, sofa, etc.)
630	Bathroom and sanitary equipment	6.1.01.1.1.07.0	Bathroom and sanitary equipment
583	Lantern, lamp, electric lampshade	6.1.01.1.1.08.0	Lantern, lamp, electric lampshade
555	Carpet, daree& other floor mattings	6.1.01.1.1.09.1	Carpets/ darees etc.
		6.1.01.1.1.09.2	Mats and matting
	Bedding	6.1.01.2	
380	Bed sheet, bed cover	6.1.01.2.1.01.0	Bed sheet, bed cover
381	Rug, blanket	6.1.01.2.1.02.0	Rug, blanket
382	Pillow, quilt, mattress	6.1.01.2.1.03.1	Pillow
		6.1.01.2.1.03.2	Quilt
383	Cloth for upholstery, curtains, tablecloth, etc.	6.1.01.2.1.04.1	Curtain cloth
		6.1.01.2.1.04.2	Cloth for upholstery

NSS 68 Item Code	Item Name	CPI Basket Item Code	CPI Basket Item Description
(1)	(2)	(3)	(4)
		6.1.01.2.1.04.3	Tablecloth
384	Mosquito net	6.1.01.2.1.05.0	Mosquito net
385	Bedding: others	6.1.01.2.1.06.0	Bedding: others
	Household appliances	6.1.01.3	
581	Air conditioner, air cooler	6.1.01.3.1.01.1	Air conditioner
		6.1.01.3.1.01.2	Air cooler
582	Inverter	6.1.01.3.1.02.0	Inverter
584	Sewing machine	6.1.01.3.1.03.0	Sewing machine
585	Washing machine	6.1.01.3.1.04.0	Washing machine
586	Stove, gas burner	6.1.01.3.1.05.1	Stove
		6.1.01.3.1.05.2	Gas burner
588	Refrigerator	6.1.01.3.1.06.0	Refrigerator
580	Electric fan	6.1.01.3.1.07.0	Electric fan
590	Water purifier	6.1.01.3.1.08.0	Water purifier
591	Electric iron, heater, toaster, oven & other electric heating appliances	6.1.01.3.1.09.1	Electric iron (dry)
		6.1.01.3.1.09.2	Electric heater/ room heater
		6.1.01.3.1.09.3	Electric toaster
		6.1.01.3.1.09.4	Oven Toaster Griller-OTG
		6.1.01.3.1.09.5	Other electric heating appliances
592		6.1.01.3.1.10.0	Other cooking/ household appliances
621	Other machines for household work	6.1.01.3.1.11.0	Other machines for household work
633	Other durables (specify)....	6.1.01.3.1.12.0	Other durables (specify)....
494	Repair charges for non-durables	6.1.01.3.2.13.0	Repair charges for non-durables
		6.1.01.4	
570	Other cooking/ household appliances	6.1.01.4.1.01.1	Stainless steel (cooking pot)
		6.1.01.4.1.01.2	Stainless steel (plate)
587	Pressure cooker/ pressure pan	6.1.01.4.1.02.0	Pressure cooker/ pressure pan
571	Other metal utensils	6.1.01.4.1.03.0	Other metal utensils
572	Casseroles, thermos, thermoware	6.1.01.4.1.04.1	Casseroles
		6.1.01.4.1.04.2	Thermos / thermoware
573	Other crockery & utensils	6.1.01.4.1.05.0	Other crockery & utensils
463	Earthenware	6.1.01.4.1.06.0	Earthenware
464	Glassware	6.1.01.4.1.07.0	Glassware
	Tools and equipment for house	6.1.01.5	
460	Electric bulb, tubelight	6.1.01.5.1.01.1	Electric bulb
		6.1.01.5.1.01.2	Tube light (without fitting)
631	Plugs, switches & other electrical fittings	6.1.01.5.1.02.0	Plugs, switches & other electrical fittings
461	Electric batteries	6.1.01.5.1.03.0	Electric batteries
441	Torch	6.1.01.5.1.04.0	Torch
442	Lock	6.1.01.5.1.05.0	Lock
462	Other non-durable electric goods	6.1.01.5.1.06.0	Other non-durable electric goods
	Other household items	6.1.01.6	
465	Bucket, water bottle/ feeding bottle & other plastic goods	6.1.01.6.1.01.1	Plastic bucket

NSS 68 Item Code	Item Name	CPI Basket Item Code	CPI Basket Item Description
(1)	(2)	(3)	(4)
		6.1.01.6.1.01.2	Water bottle
		6.1.01.6.1.01.3	Feeding bottle
		6.1.01.6.1.01.4	Other plastic goods
466	Coir, rope, etc.	6.1.01.6.1.02.0	Coir, rope, etc.
467	Washing soap/soda/powder	6.1.01.6.1.03.0	Washing soap/soda/ powder
468	Other washing requisites	6.1.01.6.1.04.0	Other washing requisites
470	Incense (agarbatti), room freshener	6.1.01.6.1.05.1	Agarbati
		6.1.01.6.1.05.2	Room freshner
471	Flower (fresh): all purposes	6.1.01.6.1.06.0	Flower (fresh): all purposes
472	Mosquito repellent, insecticide, acid etc.	6.1.01.6.1.07.0	Mosquito repellent, insecticide, acid etc.
336	Matches (box)	6.1.01.6.1.08.0	Matches (box)
341	Candle	6.1.01.6.1.09.0	Candle
473	Other petty articles	6.1.01.6.1.10.0	Other petty articles
	Household services	6.1.01.7	
480	Domestic servant/cook	6.1.01.7.2.01.1	Domestic servant
		6.1.01.7.2.01.2	Domestic cook
481	Attendant	6.1.01.7.2.02.0	Attendant
482	Sweeper	6.1.01.7.2.03.0	Sweeper
492	Priest	6.1.01.7.2.04.0	Priest
523	Other consumer rent	6.1.01.7.2.05.0	Other consumer rent
491	Miscellaneous expenses	6.1.01.7.2.06.0	Miscellaneous expenses
497	Other consumer services excluding conveyance	6.1.01.7.2.07.1	Other consumer services: driver (car)
		6.1.01.7.2.07.2	Other consumer services:cleaner (car)
		6.1.01.7.2.07.3	Other consumer services:cobbler (shoe repair)
	Health	6.1.02	
	Institutional health	6.1.02.1	
410	Medicine	6.1.02.1.1.01.1	Pain killer tablet (allopathic)-institutional
		6.1.02.1.1.01.2	Cough syrup: coscopin + (above 8 years of age)-institutional
		6.1.02.1.1.01.3	Vitamin B complex: tablet-institutional
		6.1.02.1.1.01.4	Anti fever tab.(allopathic)-institutional
		6.1.02.1.1.01.5	Anti biotic tab (allopathic)-institutional
		6.1.02.1.1.01.6	Cough syrup (homeopathic)-institutional
		6.1.02.1.1.01.7	Anti fever (homeopathic)-institutional
		6.1.02.1.1.01.8	Tonic (homeopathic)-institutional
		6.1.02.1.1.01.9	Chavanprash-institutional
411	X-ray, ECG, pathological test, etc.	6.1.02.1.2.02.1	X-ray(chest) Posterior to anterior view-institutional
		6.1.02.1.2.02.2	ECG-institutional
		6.1.02.1.2.02.3	Lipid profile test-institutional
		6.1.02.1.2.02.4	Blood sugar (fasting & pp) test-institutional
412	Doctor's/surgeon's fee	6.1.02.1.2.03.0	Doctor's/surgeon's fee

NSS 68 Item Code	Item Name	CPI Basket Item Code	CPI Basket Item Description
(1)	(2)	(3)	(4)
414	Other medical expenses	6.1.02.1.2.04.0	Other medical expenses
413	Hospital & nursing home charges	6.1.02.1.2.05.1	Hospital & nursing home charges for delivery of baby
		6.1.02.1.2.05.2	Hospital & nursing home charges for eye surgery
		6.1.02.1.2.05.3	Hospital & nursing home charges for heart surgery
		6.1.02.1.2.05.4	Hospital & nursing home charges for orthopaedic surgery
		6.1.02.1.2.05.5	Hospital & nursing home charges for appendix surgery
		6.1.02.1.2.05.6	Hospital & nursing home charges for other surgery
	Non-Institutional health	6.1.02.2	
420	Medicine	6.1.02.2.1.01.1	Pain killer tablet (allopathic)-non institutional
		6.1.02.2.1.01.2	Cough syrup: coscopin + (above 8 years of age)-non institutional
		6.1.02.2.1.01.3	Vitamin B complex: tablet-non institutional
		6.1.02.2.1.01.4	Anti fever tab.(allopathic)-non institutional
		6.1.02.2.1.01.5	Anti biotic tab (allopathic)-non institutional
		6.1.02.2.1.01.6	Cough syrup (homeopathic)-non institutional
		6.1.02.2.1.01.7	Anti fever (homeopathic)-non institutional
		6.1.02.2.1.01.8	Tonic (homeopathic)-non institutional
		6.1.02.2.1.01.9	Chavanprash-non institutional
611	Other medical equipment	6.1.02.2.1.02.0	Other medical equipment
423	Family planning devices	6.1.02.2.1.03.1	Condom
		6.1.02.2.1.03.2	Oral pill
440	Spectacles	6.1.02.2.1.04.0	Spectacles
610	Contact lenses, hearing aids & orthopaedic equipment	6.1.02.2.1.05.1	Hearing aid
		6.1.02.2.1.05.2	Othopedic equipment
		6.1.02.2.1.05.3	Contact lenses
424	Other medical expenses	6.1.02.2.2.06.0	Other medical expenses
422	Doctor's/ surgeon's fee	6.1.02.2.2.07.0	Doctor's/ surgeon's fee
421	X-ray, ECG, pathological test, etc.	6.1.02.2.2.08.1	X-ray (chest) Posterior to anterior view-non institutional
		6.1.02.2.2.08.2	ECG-non institutional
		6.1.02.2.2.08.3	Lipid profile test-non institutional
		6.1.02.2.2.08.4	Blood sugar (fasting & pp)test-non institutional
	Transport and communication	6.1.03	
	Transport vehicles and parts	6.1.03.1	
602	Motor car, jeep	6.1.03.1.1.01.0	Motor car, jeep
601	Motor cycle, scooter	6.1.03.1.1.02.1	Motor cycle (without accessories)
		6.1.03.1.1.02.2	Scooter (without accessories) cost on

NSS 68 Item Code	Item Name	CPI Basket Item Code	CPI Basket Item Description
(1)	(2)	(3)	(4)
			road
600	Bicycle	6.1.03.1.1.03.0	Bicycle
604	Other transport equipment	6.1.03.1.1.04.0	Other transport equipment
603	Tyres& tubes	6.1.03.1.1.05.1	Tyre
		6.1.03.1.1.05.2	Tube
	Fuel for transport	6.1.03.2	
508	Petrol for vehicle	6.1.03.2.1.01.0	Petrol for vehicle
510	Diesel for vehicle	6.1.03.2.1.02.0	Diesel for vehicle
511	Lubricants & other fuels for vehicle	6.1.03.2.1.03.1	Lubricating oil/engine oil
		6.1.03.2.1.03.2	Compressed Natural Gas-CNG
513	Other conveyance expenses	6.1.03.2.2.04.0	Other conveyance expenses
	Transport services	6.1.03.3	
501	Railway fare	6.1.03.3.2.01.1	Rail fare outstation (incl.reservation) adult
		6.1.03.3.2.01.2	Rail fare: local train / metro
502	Bus/tram fare	6.1.03.3.2.02.0	Bus/tram fare
503	Taxi, auto-rickshaw fare	6.1.03.3.2.03.1	Taxi fare
		6.1.03.3.2.03.2	Auto-rickshaw fare
505	Rickshaw (hand drawn & cycle) fare	6.1.03.3.2.04.0	Rickshaw (hand drawn & cycle) fare
506	Horse cart fare	6.1.03.3.2.05.0	Horse cart fare
512	School bus, van, etc.	6.1.03.3.2.06.0	School bus, van, etc.
500	Air fare	6.1.03.3.2.07.0	Air fare
504	Steamer, boat fare	6.1.03.3.2.08.0	Steamer, boat fare
507	Porter charges	6.1.03.3.2.09.0	Porter charges
	Communication devices	6.1.03.4	
623	Mobile handset	6.1.03.4.1.01.0	Mobile handset
624	Telephone instrument (landline)	6.1.03.4.1.02.0	Telephone instrument (landline)
	Communication services	6.1.03.5	
487	Telephone charges: landline	6.1.03.5.2.01.0	Telephone charges: landline
488	Telephone charges: mobile	6.1.03.5.2.02.1	Mobile phone charges: same operator
		6.1.03.5.2.02.2	Mobile phone charges: different operator
496	Internet expenses	6.1.03.5.2.03.0	Internet expenses
490	Postage & telegram	6.1.03.5.2.04.0	Postage & telegram
	Recreation and amusement	6.1.04	
	Recreation items	6.1.04.1	
560	Radio, tape recorder, 2-in-1	6.1.04.1.1.01.1	Transistor/satellite radio
		6.1.04.1.1.01.2	Tape recorder, 2-in-1
561	Television	6.1.04.1.1.02.0	Television
562	VCR/VCD/DVD player	6.1.04.1.1.03.0	VCR/VCD/DVD player
435	Photography	6.1.04.1.2.04.0	Photography
563	Camera & photographic equipment	6.1.04.1.1.05.1	Still camera
		6.1.04.1.1.05.2	Photographic film/roll
622	PC/ Laptop/ other peripherals incl. Software	6.1.04.1.1.06.1	Personal computer (desk top)
		6.1.04.1.1.06.2	Laptop

NSS 68 Item Code	Item Name	CPI Basket Item Code	CPI Basket Item Description
(1)	(2)	(3)	(4)
		6.1.04.1.1.06.3	Other peripherals incl. Software
564	CD, DVD, audio/video cassette, etc	6.1.04.1.1.07.0	CD, DVD, audio/video cassette, etc
436	VCD/ DVD hire (incl. Instrument)	6.1.04.1.2.08.0	VCD/ DVD hire (incl. Instrument)
565	Musical instruments	6.1.04.1.1.09.0	Musical instruments
566	Other goods for recreation	6.1.04.1.1.10.0	Other goods for recreation
434	Goods for recreation and hobbies	6.1.04.1.1.11.0	Goods for recreation and hobbies
432	Sports goods, toys, etc.	6.1.04.1.1.12.1	Foot ball
		6.1.04.1.1.12.2	Cricket bat (regular size)
		6.1.04.1.1.12.3	Lawn tennis racket for beginner
		6.1.04.1.1.12.4	Carrom board
		6.1.04.1.1.12.5	Playing cards
495	Pet animals (incl. Birds, fish)	6.1.04.1.1.13.0	Pet animals (incl. Birds, fish)
402	Newspapers, periodicals	6.1.04.1.1.14.1	Newspapers: local
		6.1.04.1.1.14.2	News paper : national
		6.1.04.1.1.14.3	Periodicals/magazines
	Recreational services	6.1.04.2	
430	Cinema, theatre	6.1.04.2.2.01.0	Cinema, theatre
437	Cable TV	6.1.04.2.2.02.0	Cable TV
431	Mela, fair, picnic	6.1.04.2.2.03.0	Mela, fair, picnic
403	Library charges	6.1.04.2.2.04.0	Library charges
438	Other entertainment	6.1.04.2.2.05.0	Other entertainment
433	Club fees	6.1.04.2.2.06.0	Club fees
521	Hotel lodging charges	6.1.04.2.2.07.0	Hotel lodging charges
	Education	6.1.05	
	Educational items	6.1.05.1	
407	Educational CD	6.1.05.1.1.01.0	Educational CD
400	Books, journals: first hand	6.1.05.1.1.02.1	Primary (5th class) mathematics book
		6.1.05.1.1.02.2	Primary (5th class) science book
		6.1.05.1.1.02.3	Primary (5th class) local language book
		6.1.05.1.1.02.4	Secondary (10th class) mathematics book
		6.1.05.1.1.02.5	Secondary (10th class) social science book
		6.1.05.1.1.02.6	Secondary (10th class) science book
		6.1.05.1.1.02.7	First year (B.A.) economics book
		6.1.05.1.1.02.8	First year (B. Com)accountancy book
		6.1.05.1.1.02.9	First year (B.Sc.)Mathematics book
401	Books, journals, etc.: second hand	6.1.05.1.1.03.0	Books, journals, etc.: second hand
404	Stationery, photocopying charges	6.1.05.1.1.04.1	Copy/ note book
		6.1.05.1.1.04.2	Register
		6.1.05.1.1.04.3	Pen
		6.1.05.1.1.04.4	Pencil
		6.1.05.1.1.04.5	Photocopying charges
	Educational services	6.1.05.2	
405	Tuition and other fees (school, college, etc.)	6.1.05.2.2.01.1	Tuition fees (fifth class)

NSS 68 Item Code	Item Name	CPI Basket Item Code	CPI Basket Item Description
(1)	(2)	(3)	(4)
		6.1.05.2.2.01.2	Tuition fees (tenth class)
		6.1.05.2.2.01.3	Tuition fees(first year graduation)
406	Private tutor/ coaching centre	6.1.05.2.2.02.1	Private tutor fee (primary)
		6.1.05.2.2.02.2	Private tutor fee (secondary)
		6.1.05.2.2.02.3	Coaching (professional courses fee)
408	Other educational expenses (incl. Fees for enrollment in web-based training)	6.1.05.2.2.03.0	Other educational expenses (incl. Fees for enrollment in web-based training)
	Personal care and effects	6.1.06	
	Personal care items other than ornaments	6.1.06.1	
450	Toilet soap	6.1.06.1.1.01.0	Toilet soap
451	Toothpaste, toothbrush, comb, etc.	6.1.06.1.1.02.1	Tooth brush(adult)
		6.1.06.1.1.02.2	Tooth paste
		6.1.06.1.1.02.3	Comb
452	Powder, snow, cream, lotion and perfume	6.1.06.1.1.03.1	Telcome powder
		6.1.06.1.1.03.2	Snow / cream
		6.1.06.1.1.03.3	Lipstick
		6.1.06.1.1.03.4	Body lotion
		6.1.06.1.1.03.5	Perfume
453	Hair oil, shampoo, hair cream	6.1.06.1.1.04.1	Hair oil
		6.1.06.1.1.04.2	Hair dye
		6.1.06.1.1.04.3	Shampoo
		6.1.06.1.1.04.4	Hair cream
454	Shaving blades, shaving stick, razor	6.1.06.1.1.05.1	Shaving blades
		6.1.06.1.1.05.2	Shaving razor
		6.1.06.1.1.05.3	Shaving stick
455	Shaving cream, aftershave lotion	6.1.06.1.1.06.1	Shaving cream / soap
		6.1.06.1.1.06.2	Aftershave lotion
456	Sanitary napkins	6.1.06.1.1.07.0	Sanitary napkins
457	Other toilet articles	6.1.06.1.1.08.0	Other toilet articles
620	Clock, watch	6.1.06.1.1.09.1	Watch : gents
		6.1.06.1.1.09.2	Watch : ladies
553	Suitcase, trunk, box, handbag and other travel goods	6.1.06.1.1.10.1	Suitcase
		6.1.06.1.1.10.2	Trunk : G.I. Sheet
		6.1.06.1.1.10.3	Travelling handbag
		6.1.06.1.1.10.4	Other travel goods
443	Umbrella, raincoat	6.1.06.1.1.11.1	Umbrella
		6.1.06.1.1.11.2	Raincoat
444	Lighter (bidi/ cigarette/ gas stove)	6.1.06.1.1.12.1	Lighter: cigarette
		6.1.06.1.1.12.2	Lighter: gas
445	Other minor durable-type goods	6.1.06.1.1.13.0	Other minor durable-type goods
625	Any other personal goods	6.1.06.1.1.14.0	Any other personal goods
	Ornaments	6.1.06.2	
640	Gold ornaments	6.1.06.2.1.01.0	Gold ornaments

NSS 68 Item Code	Item Name	CPI Basket Item Code	CPI Basket Item Description
(1)	(2)	(3)	(4)
641	Silver ornaments	6.1.06.2.1.02.0	Silver ornaments
642	Jewels, pearls	6.1.06.2.1.03.0	Jewels, pearls
643	Other ornaments	6.1.06.2.1.04.0	Other ornaments
	Personal care services	6.1.06.3	
483	Barber, beautician, etc.	6.1.06.3.2.01.1	Hair cutting charges (gents)
		6.1.06.3.2.01.2	Hair cutting charges (ladies)
		6.1.06.3.2.01.3	Beautician charges

6.14 Once the list of Priced Items with appropriate codes is prepared, then the outlets, selected as Original Shops in the List of Shops, should be visited to fix the specifications on the basis of the most popular variety being consumed in that area. If branded item is popular, then specification must include brand. Quality of item should also be included in the specification on the basis of popular buying. Determination of unit and quantity is also important. Price charged for bulk quantity purchase is generally less than that for small quantity. For instance, let us suppose the general price for potato on a shop is Rs. 15/kg. A buyer goes to the shop and purchases 5 kg of potato at a time, the shop would offer him some discount and may ask of Rs. 70, instead of Rs. 75. Thus, the effective price paid is Rs. 14/kg. On the hand, the same shopkeeper may charge Rs. 4 for 250 gram of potato from another buyer, instead of Rs. 3.75. In this case the effective price is Rs. 16/kg. The detailed specification of item, including all possible price determining characteristics, is called Structured Product Description (SPD).

6.15 Responsibility for specifying the items to be priced should normally rest with Headquarters. Specifications should be reviewed on a regular basis in order to determine whether they continue to be relevant. A revision of specifications could be implied by:

- A large number of missing price quotations.
- A large number of substitutions.
- A wide variation in the distribution of collected price levels.

6.16 Data Entry of Shop List and SPDs.

Information collected regarding list of shops and SPDs of item must be entered in the system, preferably on the website, if web portal is properly developed. Formats of data entry module are given below:

i. Module for List of Shops:

- State: -----, Sector-----District:-----, Tehsil: -----, Village:-----, Town ----Market ----

S.No	Item Code	Item Name	Name of Local Market	Name & Address of Original Shop	Name & Address of Reserve 1 shop	Name & Address of Reserve 2 shop
1	1.1.01.1.1.02.1	Rice 1	AAA	BBB	CCC	DDD
2	1.1.01.1.1.02.2	Rice 2	AAA	BBB	CCC	DDD

ii. Module for SPDs of Items:

• State: ----, Sector----District:----, Tehsil: ----, Village:----, Town ----Market ----

S.No.	Item Code	Item Description	specification Parameter1	Specifica tion Paramet er2	Specifi cation Paramet er3	Specifica tion Paramet er4	Specifi cation Paramet er5	Specif icatio n Param eter6	specificatio n Para meter 7	Unit	Qty
1	1.1.01.1.1.02.1	Rice 1	Type/ Variety:	Brand/N ot branded:	Packagi ng:	Quality (Coarse, medium, fine,supe rfine):	Size (Full Grain, 3/4, 1/2):	Parboi led (Yes/ No):	Other s (if any);		
2.	1.1.01.1.1.02.2	Rice 2									

6.17 Scrutiny of Shop List

- Addresses of Original, Reserve1 and Reserve 2 shops must be filled in against each item.
- It should be ensured that particular category of shops are listed against appropriate sub-group or group of items. As for example, name and address of a green grocer is not written against rice.
- If for a particular item, only original shop is listed, then reason must be found why reserve shops could not be identified.
- At least 30% of the selected outlets must be physically verified by supervisors.

6.18 Scrutiny of SPDs

- Generally mistakes are committed in spellings of the names variety and brand. These things should be carefully checked.
- Markets (Rural or Urban) having same variety of a particular item should be clubbed together for verification where these pertain to same region or different regions.
- Unit of Measurement and Quantity should be thoroughly checked.
- As far as possible, standard name of the popular variety should be recorded so that it should easily be understood by anybody, including changed data collector, if it happens in future.

6.19 Minimum Infrastructure before launch of Market Survey

- Users want indicators at very small lag.
- Online system of data collection may be very suitable to fulfil this objective.
- This, not only reduces time, but also helps in monitoring the data collection process.
- Password protected web-portal may be developed.
- No data collector can see the prices of other collectors.
- This minimizes the investigators' / data collectors' bias.
- The web portal should have Management Information System and Diagnostic tools.

7. Base Price Collection

7.1 Item-wise Base Price, is the average of 12 months prices. Prices must be collected for the exact SPD of the commodities. PGPCPI suggests two basic price collection methods:

- (a) *Local price collection* where prices are obtained from outlets located around the country. This will include licensed and unlicensed markets and street vendors as well as shops. Normally the price collector will need to visit the outlet although the prices for some items may be collected by other means, including telephone and price lists.
- (b) *Central price collection*. This is often used where prices can be collected by Headquarters without the need for field work. This may also include centrally regulated or centrally fixed prices which can be obtained from the regulatory authorities, although in these cases checks will need to be made to ensure that the goods and services in question are actually available and actually sold at the stated price.

7.2 With a few exceptions, in particular owner occupied housing costs, for a standard CPI it is the transaction prices which should be collected:

- For goods this is normally the marked price in the shop or on the market stall.
- For some services this may be represented by a tariff or a daily or hourly rate.

But the price collector should check that the marked price is the actual price paid, for instance by asking the shopkeeper or service provider at the start of price collection whether this is case or whether there are some exceptions. Similar enquiries should be made in the case of catalogues.

7.3 For all items except PDS items, prices should be collected by local price collection method. Prices of PDS items are to be collected from the office of Food & Civil Supply. Selected markets (rural or urban) within each district or region should be distributed equally over the four weeks of a month. Within a week, a specific day(s) should be earmarked for price collection in respective markets. The price collection schedule should be

strictly adhered to, i.e., collection of prices from a particular shop/outlet should occur on the same day of the allocated week every month. This ensures point to point changes in the prices of items.

7.4 On the day(s) fixed for price collection for a particular group/subgroup of items, the price data should be collected when the transaction is usually at the peak, say, morning, afternoon or evening of the day, so that the prices will be as closely representative as possible of the true transaction prices. However, there may be some practical difficulty in strictly adhering to these principle due to reluctance or inability of the shopkeepers to supply the required at peak hour. In all such cases, attempt should be made to record the prices by visiting at a time as close as possible to the peak transaction period.

7.5 To facilitate identification of the outlet from which price has been collected, an establishment/shop code has to be recorded. Establishment/Shop Codes would be given as follows:

- '0' for Original Shop
- '1' for Reserve Shop 1
- '2' for Reserve Shop 2
- '3' for Open Market

Non-Availability of Prices

7.6 Continuity is one of the most important principles of price collection. As the index measures price changes, it is vital that same item is priced every month from the selected shop/outlet, in order to establish a true picture of price changes. The products/items whose prices are collected and compared in successive time periods should ideally be perfectly matched, i.e., they should be identical in respect of their physical and economic characteristics (called specification). When the item specifications are perfectly matched, the observed price changes are **pure** price changes. Therefore, it is essential that price of items should be collected for same specification from same shop over different price collection period. But in a dynamic retailing environment, there is a continuous change in both - product (item) and shop. The possibility of the initially chosen specification going out of the market either temporarily or permanently, cannot be ruled out. In such a situation, it becomes necessary to switch over to some alternate specification, which is preferably comparable in terms of quality and standard to those of the original one. The specification or the quality description of the original variety will facilitate choosing another variety of the same quality so that the price trends of the substitute will not be affected significantly by quality differentials. Also, the alternative specification should be equally representative.

7.7 Situations may sometime arise when a given specification is not available/missing in original shop due to certain reasons. As the issues relating to temporary and permanently missing products differ, **it is important for the price collector to establish whether the unavailability of a product is likely to be**

temporary or permanent. The treatment for both the cases of unavailability – temporary or permanent would be different. A price may be considered as temporarily missing if the same product is likely to return to the market within reasonable time period. Items may be temporarily missing due to supply shortage(out of stock) caused by factors such as the shopkeeper underestimating the demand, strikes by factory or transportation workers or with supply problems with imported items. Based on aforementioned information, the price collector has to decide whether the item is not available due to temporary or permanent reason.

Action to be taken when prices are not available:

Prices are not available due to temporary reason:

7.8 If the item (non-seasonal item) is **temporarily unavailable** in the original shop, the price collector would wait at most for two months, with the prospect that the item will come in the stock of original shop. **The price of item will not be reported during this period.** If the item remains unavailable in the original shop for the third months also, in such case, a change in the shop is necessitated for collecting the price as per specified specifications, as finalized specifications (fixity of specification) is considered a higher priority requirement. The collection of price for the given specification has to be made from the first reserve shop (R1) or second reserve shop (R2) chosen for that item. If an item with desired specifications is not available in the reserve shop(s) as well, then the other shops in the selected market should be explored. Experience shows that by enquiry at the original or reserve shops as to which other shops in the market are likely to sell the particular item with desired specification, restricts the field of enquiry considerably. In most of the cases, the price of the item with desired specification is likely to be obtained from reserves or other shops (open market) in the selected market itself. **If the item is available in reserve shop, the price collector would collect price from that shop and would visit same reserve shop in the subsequent visits, till the item is available in the shop.** The prices of the seasonal items (like fruits & vegetables) may be reported when these are available in the market.

Prices are not available due to permanent reason:

7.9 Permanent reasons for non-availability of items may be of three types:

- a. During the first visit of the current month itself, the shopkeeper at original shop states that he/she has stopped selling that particular item.
- b. During the first visit of the current month itself, it is known that the item has gone out of the market or the item is not going to be available in future.
- c. After waiting for two months, the item is not available in the either of the original/reserved shops/open market.

7.10 In case of (a), price collector should not wait for two months, instead, he/she must change the shop or substitute the item in the first month itself. In case of (b), price collector should not wait for two months; instead, he/she must substitute the item in the first month itself. In case of (c), price collector must change the shop or substitute the item in the third month. For the sake of fixity of specification, substitution of shop should be initially attempted in case of (a) and (c). If the situation arises to substitute the item, due to any of the above reasons, such exercise is to be carried out in the following way:

- Price collector should visit the original shop.
- He / She should search for comparable specification of the original item. Comparable specifications include closest quality, popularity and sustainability in the market for long.
- If he/she fails to find such item on original shop, he/she should visit reserve shops in order of R1, R2 and open market.
- The substituted specification should accordingly be fixed and prices must be collected of this new specification henceforth from that particular shop, **even if the original item appears in the market after few months.**

7.11 All efforts should be made to substitute outlet/specification from the same selected market by adopting various alternatives suggested above, following the order of priority indicated. In certain cases , particularly in smaller towns/villages, the number of outlets available in the entire town/village market falls short of required number of quotations, with provision for reserves being very limited or practically nil. In such a situation, price for the missing specification may be collected from another market of the same town/village, preferably close to the selected market, if available, since the prices in the neighboring market are likely to display similar trends. However, changing of market should be done in exceptional cases.

7.12 In all cases of substitution of specification, prices of the substituted variety should be collected for the **current month as well as for the previous two months**. Similarly, in case of change in shop, price of the **original specification should be collected for the current as well as last two months** from reserve/open market shop. Normally the price data for the previous month would suffice for the purpose of splicing the new price with that of the original price to get a continuous price relative. However, in order to ensure stability of the splicing factor, it may be desirable to compute the splicing factor based on at least two common periods. It is, therefore, suggested that attempts may be made to collect prices of two previous months, wherever available and minimize the risk of possible bias in estimating the splicing factor. It is recognized that collection of prices for previous two months always involves some difficulty. Nevertheless, in view of the technical consideration involved, it is desired that all efforts need to be made to collect and report two months previous prices in cases where substitutions are involved.

Special code

7.13 Special code should be recorded in the assigned column for all items. It may be noted that change in units or observed quantity is also to be taken as change in specification and special code would be given as follows:

- '0', if an item of the fixed specification is available at original shop.
- '1', the item is not available at original shop and price is collected from any of the reserve shops
- '2', an item of the fixed specification is not available original shop and price of the changes specification is collected on the same shop.
- '3', if shop as well as specification both is changed.

General guidelines for discounts, special offers, bonus etc.

7.14 There are many ways in which retailers tempt consumers with discounts and special offers. New ways are constantly being devised to lure the consumers. Following are the possible ways to extend discount or offers to the consumers:

- a. Discount is provided to a certain segment of population, as for e.g., in terms of coupon.
- b. Discount is provided to mass at large to promote sales.
- c. Discount is provided during festive season.

In case of (a), discount offered should not be taken into account while reporting the prices since the benefit of such offers is not availed by the entire population. In case of (b) and (c), the discounted price should be reported as the benefit is reaching to consumers at large. Special care should be taken while reporting the discounted price that the specification of item is not changed due to such offers.

For easy understanding about how to collect prices, further details along with suitable examples are given in the 'Frequently Asked Queries' on the subsequent pages.

The Year 2017 has been selected as the Base year

7.15 It is important to do scrutiny of price collected. Scrutiny has no thumb rule, still some basic guidelines may be adopted, which are as follows:

- a. Prices of items falling under 'Fruits', 'Vegetables', 'Cereals and Products', 'Milk and Products', 'Meat and Fish', 'Spices', 'Petrol' and 'Diesel' changes frequently. If prices of the items falling under these categories are found constant for six months, it is checked whether such behaviour is prevalent in most of the quotations of the respective States and nearby States. If such behaviour is not found common, the field inspection should be conducted to get clarifications.
- b. Abrupt change in prices as compared to last month is defined as:
 - i. Fruits and Vegetables: Variation of more than 50%.
 - ii. Other than Fruits and Vegetables: Variation of more than 10%.

Such cases are checked whether the changes are prevalent across the quotations/markets. If it is not so, the clarifications/confirmations are taken from the data collectors.

- c. Systematic increase in prices, that is sustained or continuous increase (even slight increase) in prices every month, is also checked. Data collectors are consulted to know the reasons.
- d. Any fluctuation, which appears to be artificially introduced, for instance, prices are repeated every alternate month, is also checked and clarifications are sought from the data collectors.

7.16 After completion of 12 months price collection, geometric mean of these prices may be taken to compute market-wise, priced item-wise Base Prices. These 12 months must refer to the Base Year, i.e calendar year or financial year as the case may be.

7.17 Similar price collection would continue to collect current prices for computation of CPIs.

Annexure I

Format for List of Markets and Shops

State: ODISHA- (28)	District: ANUGUL (15)	Block: Chhendipada	Village: BAGEDIA- (0031)	Category: all category
---------------------	-----------------------------	-----------------------	-----------------------------	------------------------

Sr. No.	Item Code	Item	Name Of Local Market	Name And Address Of Original Shop/Outlet	Name And Address Of First Reserve Shop/Outlet	Name And Address Of Second Reserve Shop/Outlet
1	1.1.01.1.1.0 2.1	Rice 1 (Other Than Pds)	Bagedia	Ganesh Store, C/o- Basant Ku. Agrawal, At/po:- Bagedia, Mob- 9937904828	B. Sahu Ration Store. At/po:- Bagedia, Mob-9556189641	Deepen Variety Store, (Deepen Ku. Sahu) At/po:- Bagedia, Mob:- 8018990402

Sr. No.	Item Code	Item	Name Of Local Market	Name And Address Of Original Shop/Outlet	Name And Address Of First Reserve Shop/Outlet	Name And Address Of Second Reserve Shop/Outlet
2	1.1.01.1.1.0 2.2	Rice 2 (Other Than Pds)	Bagedia	Ganesh Store, C/o- Basant Ku. Agrawal, At/po:- Bagedia, Mob-9937904828	B. Sahu Ration Store. At/po:- Bagedia, Mob-9556189641	Deepen Variety Store, (Deepen Ku. Sahu) At/po:- Bagedia, Mob:- 8018990402
3	1.1.01.1.1.0 3.0	Chira	Bagedia	Ganesh Store, C/o- Basant Ku. Agrawal, At/po:- Bagedia, Mob-9937904828	B. Sahu Ration Store. At/po:- Bagedia, Mob-9556189641	Deepen Variety Store, (Deepen Ku. Sahu) At/po:- Bagedia, Mob:- 8018990402
4	1.1.01.1.1.0 5.0	Muri	Bagedia	Ganesh Store, C/o- Basant Ku. Agrawal, At/po:- Bagedia, Mob-9937904828	B. Sahu Ration Store. At/po:- Bagedia, Mob-9556189641	Deepen Variety Store, (Deepen Ku. Sahu) At/po:- Bagedia, Mob:- 8018990402
5	1.1.01.1.1.0 6.0	Other Rice Products	Bagedia	Ganesh Store, C/o- Basant Ku. Agrawal, At/po:- Bagedia, Mob-9937904828	B. Sahu Ration Store. At/po:- Bagedia, Mob-9556189641	Deepen Variety Store, (Deepen Ku. Sahu) At/po:- Bagedia, Mob:- 8018990402
6	1.1.01.1.1.0 8.1	Wheat (Loose) -Other Than Pds	Bagedia	Ganesh Store, C/o- Basant Ku. Agrawal, At/po:- Bagedia, Mob-9937904828	B. Sahu Ration Store. At/po:- Bagedia, Mob-9556189641	Deepen Variety Store, (Deepen Ku. Sahu) At/po:- Bagedia, Mob:- 8018990402
7	1.1.01.1.1.0 8.2	Wheat(Loose)- Other Than Pds	Bagedia	Ganesh Store, C/o- Basant Ku. Agrawal, At/po:- Bagedia, Mob-9937904828	B. Sahu Ration Store. At/po:- Bagedia, Mob-9556189641	Deepen Variety Store, (Deepen Ku. Sahu) At/po:- Bagedia, Mob:- 8018990402
8	1.1.01.1.1.0 8.3	Wheat Atta(Other Than Pds)	Bagedia	Ganesh Store, C/o- Basant Ku. Agrawal, At/po:- Bagedia, Mob-9937904828	B. Sahu Ration Store. At/po:- Bagedia, Mob-9556189641	Deepen Variety Store, (Deepen Ku. Sahu) At/po:- Bagedia, Mob:- 8018990402

Format for Price Collection Schedule

State: Odisha- (28), Village: BAGEDIA			
Week: Ist	Month: JANUARY	Year: 2017	Category: All Category

S. N .	Item Code	Item Name	Item Description	Unit	Qty	Last Month Price	Price	Special Code	Shop Code	Remarks
1	1.1.01.1.1.02.1	rice 1 (other than PDS)	type of rice:swarna, packed/loose:loose, brand name/ not branded: tajmahal, size of grain (1/4,1/2,3/4,full):full, grade (superfine/ fine/ coarse):coarse, boiled/ par-boiled:, other, if any;	kg	1	35				
2	1.1.01.1.1.02.2	rice 2 (other than PDS)	type of rice:sona, packed/loose:packed, brand name/ not branded:cow, size of grain (1/4,1/2,3/4,full):full, grade (superfine/ fine/ coarse):super fine, boiled/ par-boiled:, other, if any:raw	kg	1	50				
3	1.1.01.1.1.03.0	chira	brand name/ not branded: not branded, quality:medium, packed/loose:loose, other, if any:	kg	1					
4	1.1.01.1.1.05.0	muri	brand name/ not branded: not branded, quality:medium, packed/loose:loose, other, if any:	kg	1					
5	1.1.01.1.1.06.0	other rice products	brand name/ not branded: not branded, quality:medium, packed/loose:loose, other, if any:	kg	1					

Index compilation

- Index is to be compiled using Laspeyers Formula.
- Market-wise Price relatives of Current Price over Base Price are computed.
- G.M of these Price relatives are taken as item indices.
- Weighted Arithmetic Mean of Item Indices gives, Sub-group, Group and Overall Indices.