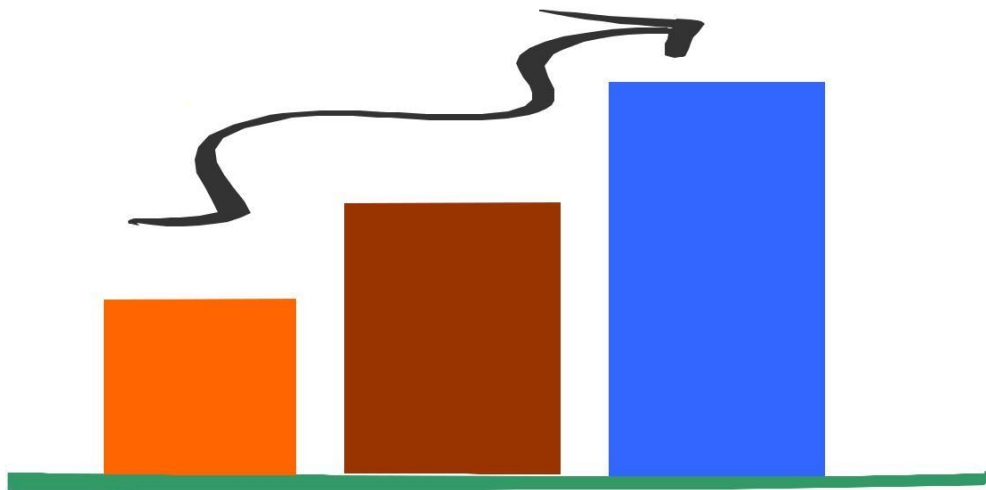




GOVERNMENT OF GOA

PRICE TRENDS IN GOA STATE

2016



**DIRECTORATE OF PLANNING, STATISTICS &
EVALUATION PORVORIM – GOA**

Website: WWW.goadpse.gov.in

email: dir-dpse.goa@nic.in

Phone No. (0832) 2417435/39

Fax No. (0832) 2417437/43

PREFACE

The impact of price movement not only affects the standard of living of the people but also has a significant bearing on project formulation and investment decisions. Government and Private organization or agencies too depend on price statistics for fixation of wages and various other allowances for its future planning.

The present publication on "Price Trends" being thirty-third in series, gives the trends in the movement of retail and wholesale prices for some of the essential commodities in Goa state during the year 2016 and also presents the yearly average prices from the year 2011 onwards. Based on the Index Numbers compiled by this Directorate for the Middle Class Non-Manual Employees with Old Base and Revised Base those by the Labour Bureau, Shimla for Industrial Workers the General Index with Old Base (1966=100) and Revised Base (1982=100 & 2001=100), an analysis of the price trends has been attempted.

It is hoped that, this publication will serve as a useful source for the price information needs of all concerned. While all efforts have been made to incorporate authentic price data in the publication, suggestions for further qualitative improvements in future are most welcome.

The generous co-operation extended by various individuals, shops, agencies, etc. in making available the requisite data is gratefully acknowledged. The staff working for Price division deserves special mention as they have contributed immensely in terms of collection, compilation, computation and writing of report.

(Dr. Y. Durgaprasad)

Director

Porvorim - Goa.

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PRICE TRENDS — GOA STATE

INTRODUCTION

1. GENERAL BACKGROUND

Goa, which was a Union Territory along with Daman and Diu, was conferred Statehood on 30th May, 1987. It is administratively divided into two districts viz. North Goa District and South Goa District with their head-quarters at Panaji and Margao, respectively. These districts are further sub-divided into twelve talukas. North Goa consists of five talukas viz. Tiswadi, Bardez, Pernem, Bicholim and Sattari and South Goa also comprises of seven talukas viz. Sanguem, Canacona, Quepem, Salcete, Mormugao, Ponda and Dharbandora. The geographical area of the state is 3702 Sq. Kms, of which 1736 Sq. Kms. is covered by North Goa and the remaining 1966 Sq. Kms. by South Goa. As per the land utilization pattern for the year 2015-16, about 1,25,473 hectares of area is under forest and the net area sown is 1,29,206 hectares situated on the west coast of the Indian sub continent. The state is endowed with rainfall from the South – West monsoon, the actual rainfall recorded for the capital of the state i.e. Panaji for the year 2016 was 2957.6 mm.

1.2 The total population of the state, according to the 2011 census, is 14,58,545 of which North Goa had 8,18,008 and South Goa 6,40,537. The density of population of the state is 394 persons per Sq. Kms. The density of population in North Goa is 466 persons per Sq. Kms as against 329 persons per Sq. Kms. in South Goa.

1.3 In order to have adequate control over prices and ensure equitable distribution of the essential commodities to the people at reasonable rates, the Government has introduced public distribution of essential commodities through a number of fair price shops. The scale of ration fixed for distribution is shown in Table - I for the year 2016.

2. CPI NUMBERS - ITS MEANING, SCOPE AND USE

The Consumer Price Index (CPI) Numbers indicate the average percentage change in the prices paid by the consumer over a period of time with reference to a base period. The average percentage change, measured by the index is estimated on a monthly basis with reference to a fixed period of the index. The index during the base period is taken to be 100 so that the indices for later periods are automatically expressed as a percentage with reference to the base period.

The objective of the index is to measure the effect of price change with reference to a fixed basket of goods and services that form part of consumption. This basket reflects a particular level of living of the population group from the point of view of consumption. Thus, the fixed base period of the index provides uniform reference period for consumption purpose and the fixed basket of goods and services enables measurement of the effect of price change. For example, the Consumer Price Index numbers for the Middle Class Non-Manual Employees of Goa state for December, 2016 was 1498 (Base 1982-83=100) indicating that the cost of a fixed basket of goods and services consumed by the middle class non-manual employees in Goa has increased by 1398 points over the base year (1982-83) prices.

2.2 The Index does not measure the absolute level of prices, but only indicates the average percentage change in the prices of a fixed basket of goods and services at different points of time.

2.3 This Index does not also measure change in the total expenditure of the population group or in other words, their actual cost of living. It measures the effect of price change only.

2.4 The cost of living of the population group is influenced by a large number of factors like income, changes in the standard of living, quality of commodities and services consumed, prices, etc. It will be readily conceded that one of the most important factors determining change in the cost of living of the population group is the extent to which the prices of goods and services consumed by them change from time to time. Price and income are co-related. It is so because, if prices go up and income of the population group remains constant, the population group has to spend more for the same quantum of goods and services and these results in a fall in the standard of living. Conversely, if income increases more than prices, then there is an improvement in the living conditions. Thus, the cost of Living Index, in the true sense of the term, has to take into account different factors. Consumer Price Index Numbers, therefore, helps us to measure the cost of living.

2.5 A study of the Consumer Price Index will also enable us to estimate the required change in income which is necessary to maintain a given level of standard of living of the population group covered by the Index.

3. CPI NOS. FOR THE MIDDLE CLASS NON-MANUAL EMPLOYEES IN GOA STATE

The consumer price Index Numbers for the Middle Class Non-Manual Employees in Goa was being compiled by the Directorate of Planning, Statistics and Evaluation since 1966, based on the Family Living Survey conducted in 1965 for Panaji Town. As is well known, the consumption pattern of a given population undergoes radical changes with the passage of time and the series becomes out-dated. As such, the Central Statistical Organization, New Delhi carried out a fresh Middle Class Family Living Survey during the year 1982 on a uniform basis throughout the country.

3.2 A similar survey, on the pattern of the one conducted by the Central Statistical Organization and approved by the Technical Advisory Committee (TAC) on prices and cost of living was carried out by this Directorate during the year 1982–83, with a view to derive the new Weighting Diagram, based on the latest consumption pattern of the middle class families in Goa. In this survey, four different centers namely Panaji, Margao, Vasco and Mapusa towns were covered. The methodology and sampling design for this series were decided upon in consultation with the Central Statistical organization for the purpose of uniformity.

3.3 The Consumer Price Index Numbers for the Middle Class Non-Manual Employees are being compiled by this Directorate based on the fresh surveys conducted on a weekly and monthly basis. The General and Group wise Index Numbers are given in Table II, for the year 2016. The average yearly indices on Revised Base 1982-83=100 since 2011 are also given in the same table.

4. CPI NOS. FOR INDUSTRIAL WORKERS IN GOA

The series of Consumer Price Index Numbers for Industrial Workers in Goa was being compiled regularly on old Base (1966=100) by the Labour Bureau, Shimla since 1967. Since, it was felt that with the passage of time the consumption pattern of the working class had undergone a change, the old series was replaced by the New Series with base 1982=100 on the basis of a working Class Family Income and Expenditure Survey conducted in the year 1981-82, all over the country. On the basis of the fresh survey conducted in the year 1999-2000, the old series was replaced with the latest series with base 2001=100. The price collection work for the new series and revision of new base year series in respect of Goa, is being done by the officials of the Directorate of Planning, Statistics and Evaluation, Government of Goa.

4.2 The industrial centers selected for the survey are Margao, Vasco, Ponda, Curchorem, Bicholim and Mapusa. This Index is widely used for regulating the payment of Dearness Allowance to the employees to compensate for the rise in prices. The Dearness Allowance of the employees are either increased or reduced as per the rise and fall of the particular Index with which the Dearness Allowance is linked.

4.3 The monthly, quarterly and annual Index Numbers are regularly prepared based on the indices released by the Labour Bureau. The average yearly indices on revised base 2001=100 of the Industrial Workers in Goa have been given in Table III for the year 2016.

5. WHOLESALE AND RETAIL PRICES

5.1 Markets in Goa State: As stated earlier, the state of Goa is administratively divided into 12 talukas. The head quarter of each taluka is considered as a local market. However, three towns, viz. Panaji, Margao and Mapusa are the important centres for wholesale and retail trade in the state.

5.2 Wholesale and Retail Prices: *The annual average wholesale prices of important commodities for the year 2016 and their monthly spread for Panaji, Margao and Mapusa towns are presented in Tables IV, V and VI respectively. Similarly, average retail prices of selected items of common consumption of Middle class Non-Manual Employees for Goa state are given in table VII. Interested readers may refer to them to have a glimpse of the picture of the year-wise and month-wise fluctuations in prices.*

STATISTICAL TABLES

**YEAR
2016**

TABLE NO. I

**Scale of Ration Fixed for Distribution of Different
Commodities during 2016**

Sl. No.	Commodity	Month	Quota Per Card				
			APL	NFSA	AAY	ANP	SWIS
1	2	3	4	5	6	7	8
1.	Rice	January & February. March April & May.	(@ Rs.11.60/- per kg per card) 10 Kgs	(@ Rs. 3.00/- Per Beneficiary) 4.25 Kgs.	(@ Rs.3.00/- per kg per card) 29.70 Kgs	(Free) per card 10 Kgs	(@ Rs.6.15/- per kg) As Allotted
		June	12Kgs	4 Kgs	30 Kgs	10 Kgs	As Allotted
		July	12 Kgs	5 Kgs	30 Kgs	10 Kgs	As Allotted
		August & September	15 Kgs	5 Kgs	30 Kgs	10 Kgs	As Allotted
		October	10 Kgs	5 Kgs	30 Kgs	10 Kgs	As Allotted
		November& December	8Kgs	5 Kgs	35 Kgs	10 Kgs	As Allotted
		2.	Wheat	January, February, March, April & May.	(@ Rs.9.10/- per kg per card) 2 Kgs	(@ Rs.2.00/- per kg per Beneficiary 750 gms	(@ Rs.2.00/- per kg per card) 5.30 Kgs
June	2 Kgs			1 Kg	5 Kgs	--	
July	3 Kgs			1 Kg	5 Kgs	--	
August, september& October	5 Kgs			---	5 Kgs	--	
November & December	7 Kgs			--	--	--	
3.	Sugar	January, February, March, April, May, June, & July	--	(@ Rs.13.50/- per kg) 500 gms per person per month			--
		August & september	--	1000 gms per person per month			--
		October November & December	--	1000 gms per person per month			--
4.	Palmolein oil	--	--				--

**Abbreviation: APL - Above Poverty Line
BPL - Below Poverty Line
AAY - Antodaya Anna Yojna
ANP – Annapurna
SWIS – Social Welfare Institution Scheme**

***The National Food Security Act, (NFSA) 2013 has been implemented in Goa w.e.f. December 2015 under which APL has become Tide Over and BPL has become Priority Household.**

Source: Directorate of Civil Supplies & Price Control, Panaji.

TABLE II**Consumer Price Index Numbers for Middle Class Non Manual Employees in Goa****Base: 1982 - 83 = 100 w.e.f. July, '90.**

Year / Month	General Index		Percentage variation over the previous year on revised base	Food, Beverages & Tobacco Index	Fuel & Light Index	Housing Index	Clothing, Bedding & Footwear Index	Miscellaneous Index
	Old Base (1966=100)	Revised Base (1982-83=100)						
1	2	2(a)	3	4	5	6	7	8
2011	2513	907	8.62	1141	624	484	762	789
2012	2759	996	9.81	1254	682	494	766	895
2013	3025	1092	9.64	1399	705	504	822	970
2014	3272	1181	8.15	1528	756	514	895	1037
2015	3658	1321	11.85	1694	783	524	1029	1262
2016	4089	1476	11.73	1865	794	534	1153	1433
January, 16	4033	1456		1832	791	531	1153	1420
February, 16	4061	1466		1847	791	531	1144	1431
March, 16	4069	1469		1857	792	531	1151	1425
April, 16	4080	1473		1860	793	531	1155	1432
May, 16	4086	1475		1862	793	531	1158	1436
June, 16	4091	1477		1865	795	531	1154	1438
July, 16	4100	1480		1873	794	536	1148	1433
August, 16	4116	1486		1880	795	536	1153	1440
September, 16	4094	1478		1874	795	536	1145	1424
October, 16	4105	1482		1879	797	536	1149	1430
November, 16	4080	1473		1854	798	536	1160	1435
December, 16	4149	1498		1893	798	536	1171	1457

Converted on Old Base with conversion factor 2.77**Source: Directorate of Planning, Statistics & Evaluation, Porvorim - Goa.**

TABLE III

Consumer Price Index for the Industrial Workers in Goa

Base: 2001 = 100 w.e.f. January, '06

Year / Month	General Index			Percentage variation over the previous year on revised base	Food Group Index	Pan, Supari, tobacco & Intoxicants Index	Fuel & Light Index	Housing Index	Clothing Bedding & Footwear Index	Miscellaneous Index
	Old Base (1966=100)	Revised Base (1982=100)	Revised Base (2001=100)							
1	2*	2(a)**	2(b)	3	4	5	6	7	8	9
2011	3867	1137	203	7.98	223	155	162	223	176	177
2012	4209	1238	222	9.36	246	167	178	238	195	190
2013	4709	1385	248	11.71	289	189	189	244	210	207
2014	4910	1444	258	4.03	305	197	192	253	217	212
2015	5249	1544	276	6.98	323	211	198	296	225	219
2016	5469	1609	288	4.35	329	216	268	323	231	224
January, 16	5284	1554	278		316	212	201	320	230	222
February, 16	5284	1554	278		316	212	201	320	230	222
March, 16	5322	1565	280		319	213	200	320	230	222
April, 16	5474	1610	288		335	213	200	320	231	218
May, 16	5588	1643	294		338	216	302	320	231	227
June, 16	5645	1660	297		344	217	304	320	231	227
July, 16	5664	1666	298		345	220	302	326	231	227
August, 16	5645	1660	297		343	220	302	326	231	226
September, 16	5607	1649	295		338	220	300	326	231	227
October, 16	5474	1610	288		323	220	301	326	231	227
November, 16	5227	1537	275		313	211	301	326	230	221
December, 16	5417	1593	285		317	222	305	326	229	226

* Converted on Old Base with conversion factor 3.40

* *Converted on Old Base with conversion factor 5.59

Base: 1982 = 100 w.e.f. October, '88 to December '05

Source: Labour Bureau, Shimla.

TABLE IV
Average Wholesale Prices of some important commodities in Panaji Market
(In Rupees)

Year / Month	Rice Raw Fine Quintal	Rice Raw Coarse Quintal	Wheat- Khandwa Superior Quality Quintal	Turdal (Barsi / Indori) Superior Quality Quintal	Gram Watana White Superior Quality Quintal	Moong Medium Quintal	Coconut oil Pure Clean Tin of 15 Kgs.	Groundnut oil, Pure, Clean Tin of 15 Kgs
1	2	3	4	5	6	7	8	9
2011	2406.67	2022.50	1937.08	5279.17	2640.42	6072.71	1531.25	1572.92
2012	2583.33	2166.67	2071.88	5740.63	3046.88	6041.67	1537.50	1625.00
2013	2800.00	2524.17	2306.25	6241.67	3394.79	7056.25	1625.00	1950.00
2014	3055.21	2528.96	2555.21	6501.04	3521.88	8375.00	1750.00	1980.00
2015	3405.63	2500.00	2651.67	11196.88	3550.00	9687.50	2312.50	2037.50
2016	3595.83	2752.08	2864.58	14121.08	3625.00	8504.16	1800.00	1653.75
January, 16	3600	2800	2750	11000	3000	8750	1800	1560
February, 16	3500	2700	2750	11000	3000	8900	1800	1560
March, 16	3550	2700	2775	11800	3200	9200	1800	1620
April, 16	3600	2700	2800	13550	3200	9250	1800	1620
May, 16	3600	2675	2800	14725	3200	9000	1800	1620
June, 16	3600	2650	2850	15300	3600	8500	1800	1650
July, 16	3600	2800	2850	15300	3600	8950	1800	1650
August, 16	3600	2800	2900	15300	4000	8000	1800	1725
September, 16	3600	2800	2900	15500	4000	7800	1800	1725
October, 16	3600	2800	3000	15500	4250	7900	1800	1725
November, 16	3650	2800	3000	15239	4200	7900	1800	1695
December, 16	3650	2800	3000	15239	4250	7900	1800	1695

N.R/A- Not Reported or Available

TABLE IV (Concluded) - Panaji Market

(In Rupees)

Year / Month	Vanaspati Tin of 15 kgs	Chillies, dry, Byadgi, long, Superior Quality Quintal	Corriander "Induri" Superior Quality Quintal	Potato (Belgaum) Medium Quality Quintal	Onion (N.I.) Medium Quality Quintal	Coconut (Indigenous) Medium size Per 1000	Sugar (N.I.) Open Market Medium Quintal	Gur (Belgaum) Medium Quality Quintal
1	10	11	12	13	14	15	16	17
2011	948.12	15572.92	8508.33	1230.21	1597.92	9377.08	2816.88	3095.83
2012	1030.00	13875.00	8502.08	1531.25	1116.67	8281.25	3197.29	3456.25
2013	1250.00	14854.17	10791.67	2004.17	2670.83	8770.83	3116.88	3820.83
2014	1250.00	15000.00	13687.50	2183.33	2191.67	9964.58	2980.63	3635.42
2015	1200.00	16020.83	16666.67	1800.00	2737.50	12041.67	2699.06	3441.67
2016	1229.16	17108.33	15391.66	2108.33	1637.50	12529.17	3483.33	3366.66
January, 16	1200	17750	16000	2500	2000	13000	2800	3500
February, 16	1200	14350	16000	2500	2000	13000	2800	3400
March, 16	1200	14750	17000	2300	2000	13000	2800	3450
April, 16	1200	15750	16450	2200	1850	12500	2900	3500
May, 16	1225	16800	16450	2000	1850	12250	3700	3600
June, 16	1225	18000	15500	2000	1800	12500	3700	3300
July, 16	1225	17950	14500	1900	1600	12000	3800	3300
August, 16	1225	17975	14400	1900	1600	12000	3800	3250
September, 16	1225	17975	14650	2000	1500	12500	3800	3250
October, 16	1275	18000	14650	2000	1550	12500	3900	3250
November, 16	1275	18000	14400	2000	1500	12700	3900	3300
December, 16	1275	18000	14700	2000	1400	12400	3900	3300

TABLE V

Average Wholesale Prices of some important commodities in Margao Market

(In Rupees)

Year / Month	Rice Raw Fine Quintal	Rice Raw Coarse Quintal	Wheat- Khandwa Superior Quality Quintal	Turdal (Barsi / Indori) Superior Quality Quintal	Gram Watana White Superior Quality Quintal	Moong Medium Quintal	Coconut oil Pure Clean Tin of 15 Kgs.	Groundnut oil, Pure, Clean Tin of 15 Kgs
1	2	3	4	5	6	7	8	9
2011	2400.42	2039.58	1863.96	5116.67	2599.38	5812.50	1502.08	1526.04
2012	2587.50	2104.17	2095.83	5700.00	3037.50	5762.50	1518.75	1600.00
2013	2900.00	2300.00	2386.46	6679.17	4100.00	7016.67	1562.50	1774.58
2014	2985.42	2410.42	2513.54	6594.79	3626.25	8253.29	1790.63	1847.92
2015	3354.17	2537.5	2571.67	10808.33	3588.75	9328.33	2119.58	2027.07
2016	3616.67	2770.83	2862.50	13483.33	3700	9180.33	1900.00	1642.08
January, 16	3500	2800	2800	11000	3200	9000	1900	1560
February, 16	3500	2800	2800	11000	3200	9000	1900	1560
March, 16	3500	2700	2800	11500	3200	9400	1900	1620
April, 16	3600	2700	2900	11500	3400	9400	1900	1620
May, 16	3600	2750	2900	12500	3400	9200	1900	1620
June, 16	3600	2750	2900	14700	3800	9200	1900	1650
July, 16	3650	2750	2900	14700	3800	8800	1900	1650
August, 16	3650	2800	2850	14700	4000	8800	1900	1650
September, 16	3700	2800	2850	14900	4000	9000	1900	1650
October, 16	3700	2800	2850	14900	4000	9000	1900	1700
November, 16	3700	2800	2900	15200	4200	9250	1900	1700
December, 16	3700	2800	2900	15200	4200	9250	1900	1725

N.R/A- Not Reported or Available

TABLE V (Concluded) - Margao Market

(In Rupees)

Year / Month	Vanaspati Tin of 15 kgs	Chillies, dry, Byadgi, long, Superior Quality Quintal	Corriander "Induri" Superior Quality Quintal	Potato (Belgaum) Medium Quality Quintal	Onion (N.I.) Medium Quality Quintal	Coconut (Indigenous) Medium size Per 1000	Sugar (N.I.) Open Market Medium Quintal	Gur (Belgaum) Medium Quality Quintal
1	10	11	12	13	14	15	16	17
2011	1071.25	14395.83	8000.00	1105.83	1448.75	7438.54	2802.92	2977.08
2012	1087.50	13260.42	8479.17	1475.00	1125.00	7208.33	3216.67	3479.17
2013	1200.00	14275.00	9072.92	2000.00	2741.67	7585.42	3152.08	3845.83
2014	1235.00	14316.67	12929.17	2143.13	2106.25	9127.08	3017.92	3477.92
2015	1218.75	15672.92	16233.33	1554.58	2690.63	9216.67	2600.21	3485.00
2016	1245.83	17200.00	16383.33	1866.67	1666.67	12408.33	3300.00	3387.50
January, 16	1200	17800	16000	1700	2000	13000	2800	3500
February, 16	1200	17800	16000	1700	2000	13000	2800	3500
March, 16	1225	17900	16400	1800	1800	12500	2900	3450
April, 16	1225	17900	16400	1800	1800	12500	2900	3450
May, 16	1225	15600	16600	1800	1700	12500	2900	3450
June, 16	1225	15600	16000	1800	1600	12000	3000	3300
July, 16	1275	15900	16600	2000	1600	12000	3600	3300
August, 16	1275	15900	16600	2000	1600	13000	3600	3250
September, 16	1275	18000	16500	2000	1500	13000	3750	3250
October, 16	1275	18000	16500	1900	1450	12000	3750	3400
November, 16	1275	18000	16500	1900	1450	11700	3800	3400
December, 16	1275	18000	16500	2000	1500	11700	3800	3400

TABLE VI

Average Wholesale Prices of some important commodities in Mapusa Market (In Rupees)

Year / Month	Rice Raw Fine Quintal	Rice Raw Coarse Quintal	Wheat- Khandwa Superior Quality Quintal	Turdal (Barsi / Indori) Superior Quality Quintal	Gram Watana White Superior Quality Quintal	Moong Medium Quintal	Coconut oil Pure Clean Tin of 15 Kgs.	Groundnut oil, Pure, Clean Tin of 15 Kgs
1	2	3	4	5	6	7	8	9
2011	2395.00	2051.04	1885.42	5185.42	2626.67	5983.33	1547.29	1550.00
2012	2561.46	2167.71	1927.50	5633.85	3070.94	5842.19	1552.08	1625.00
2013	2908.33	2433.33	2357.29	6295.83	3670.83	6950.00	1676.04	1867.71
2014	3058.33	2553.13	2544.79	6575.00	3450.00	8384.38	1779.17	1950.00
2015	3445.83	2757.29	2631.25	10810.42	3466.66	9532.29	2005.21	2196.88
2016	3579.17	2743.75	2906.25	14108.33	4085.41	9020.83	1804.17	2115.83
January, 16	3500	2700	2750	10100	3400	9000	1800	2200
February, 16	3500	2700	2750	10700	3400	9000	1850	2200
March, 16	3750	2700	2775	11800	3850	9400	1800	2245
April, 16	3600	2700	2800	12550	3900	9750	1800	2245
May, 16	3600	2675	2800	14725	4000	9600	1800	2100
June, 16	3600	2650	3000	15450	4200	8500	1800	2050
July, 16	3600	2800	3000	15500	4350	8800	1800	2050
August, 16	3600	2800	3000	15500	4350	8800	1800	2150
September, 16	3600	2800	3000	15500	4375	8850	1800	2150
October, 16	3600	2800	3000	15500	4400	8850	1800	2100
November, 16	3600	2800	3000	15500	4400	8850	1800	1950
December, 16	3600	2800	3000	15475	4400	8850	1800	1950

TABLE VI (Concluded) - Mapusa Market

(In Rupees)

Year / Month	Vanaspati Tin of 15 kgs	Chillies, dry, Byadgi, long, Superior Quality Quintal	Corriander "Induri" Superior Quality Quintal	Potato (Belgaum) Medium Quality Quintal	Onion (N.I.) Medium Quality Quintal	Coconut (Indigenous) Medium size Per 1000	Sugar (N.I.) Open Market Medium Quintal	Gur (Belgaum) Medium Quality Quintal
1	10	11	12	13	14	15	16	17
2011	1097.71	13947.92	8193.75	1212.50	1514.58	8083.33	2807.92	3058.33
2012	1074.90	13295.83	8367.71	1585.42	1087.50	7937.50	3236.04	3431.25
2013	1200.00	13658.33	8548.96	2383.33	3106.25	9187.50	3112.50	3786.46
2014	1225.00	13994.79	13490.63	2079.17	2127.08	10895.83	2877.08	3697.92
2015	1250.00	15735.58	15962.50	1816.67	2862.50	11135.42	2635.42	3440.63
2016	1234.75	16812.50	15620.83	1904.58	1727.08	11741.67	3529.16	3277.08
January, 16	978	14200	16000	1775	2350	11000	2600	3300
February, 16	1114	14350	16250	1750	2200	11000	2600	3300
March, 16	1250	14750	17000	1780	1750	11000	2600	3250
April, 16	1275	15750	17450	1875	1700	11500	3700	3300
May, 16	1275	16800	16450	1875	1700	12250	3700	3350
June, 16	1275	18000	15550	1900	1675	12000	3800	3250
July, 16	1275	17950	15500	1950	1650	12000	3850	3275
August, 16	1275	17975	14900	1950	1600	12000	3900	3250
September, 16	1275	17975	14600	2000	1550	12000	3900	3250
October, 16	1275	18000	14550	2000	1550	12100	3900	3275
November, 16	1275	18000	14600	2000	1500	12050	3900	3275
December, 16	1275	18000	14600	2000	1500	12000	3900	3250

TABLE VII

Average Retail Prices of some essential commodities of Middle Class Consumption in Goa State

(In Rupees)

Year / Month	Rice Raw Fair Price Medium husked Kg	Rice, Boiled Open Market Medium Kg.	Rice, Raw, Open Market Mill husked, Kg.	Wheat, Brown Fair Price Medium Quality, Kg.	Wheat, Khandwa Open Market Brown Kg.	Tur dal (Barsi) Superior Quality Kg.	Gram Watana Medium Quality Kg.	Moong Medium Quality Kg.	Coconut Oil Mill made Kg.
1	2	3	4	5	6	7	8	9	10
2011	8.95	31.83	21.67	6.63	21.76	67.25	26.95	63.93	111.46
2012	8.95	32.70	24.80	6.60	22.44	68.96	34.49	67.14	117.84
2013	8.95	37.70	29.30	6.60	26.14	71.56	38.77	76.39	121.79
2014	8.95	41.41	27.48	6.60	28.55	77.39	41.32	93.92	146.06
2015	9.17	41.96	32.29	6.80	29.55	127.74	39.49	109.11	169.94
2016	11.60	49.20	33.45	9.10	30.56	147.3	43.32	99.00	163.74
January, 16	11.60	48.98	28.40	9.10	30.52	172.10	38.81	112.90	172.18
February, 16	11.60	49.20	29.91	9.10	30.56	164.00	40.22	112.50	173.30
March, 16	11.60	50.09	29.39	9.10	29.63	162.70	40.53	112.10	170.75
April, 16	11.60	48.79	29.33	9.10	28.69	162.30	40.59	112.00	169.75
May, 16	11.60	50.19	34.65	9.10	30.56	155.92	40.88	104.92	163.75
June, 16	11.60	50.00	35.73	9.10	31.69	150.58	41.78	108.11	164.50
July, 16	11.60	49.10	35.48	9.10	32.40	148.91	44.89	103.34	158.50
August, 16	11.60	47.23	34.84	9.10	30.56	147.30	48.50	94.56	161.25
September, 16	11.60	49.20	35.42	9.10	30.64	133.73	48.92	85.33	157.62
October, 16	11.60	49.50	34.86	9.10	30.86	134.53	46.75	88.59	161.25
November, 16	11.60	48.90	35.21	9.10	30.03	130.50	41.60	84.33	155.75
December, 16	11.60	49.20	33.64	9.10	30.33	126.80	42.39	81.66	156.31

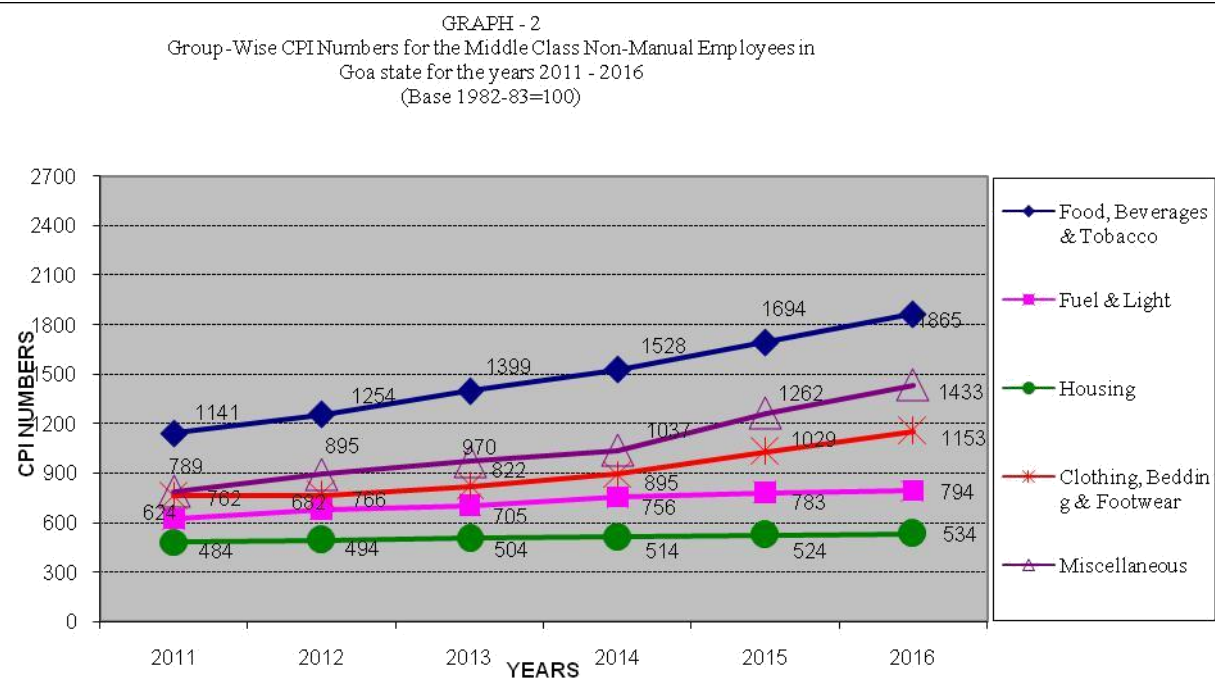
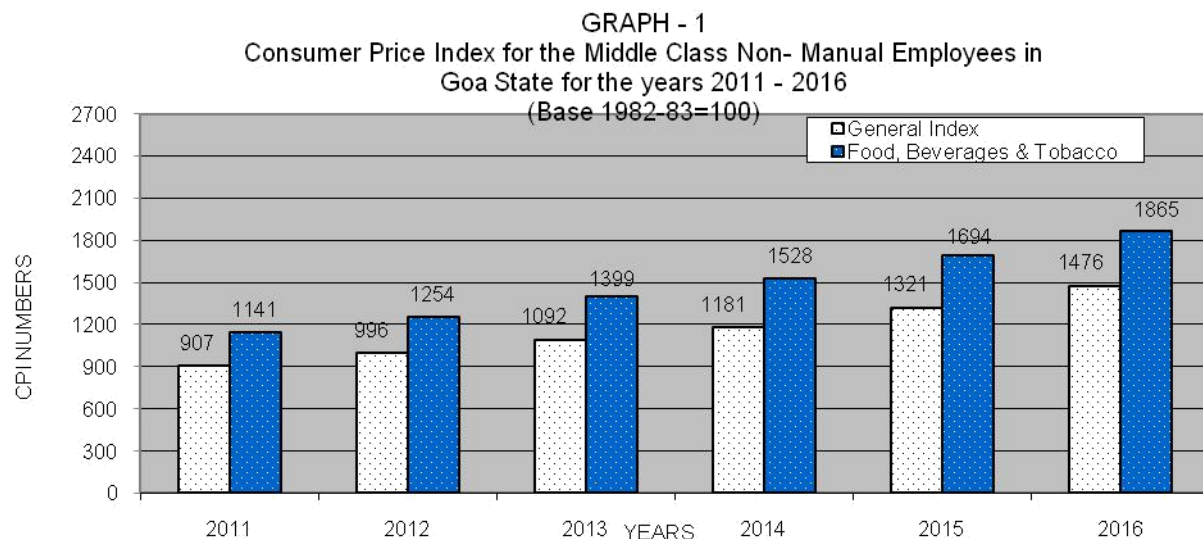
TABLE VII (Concluded)

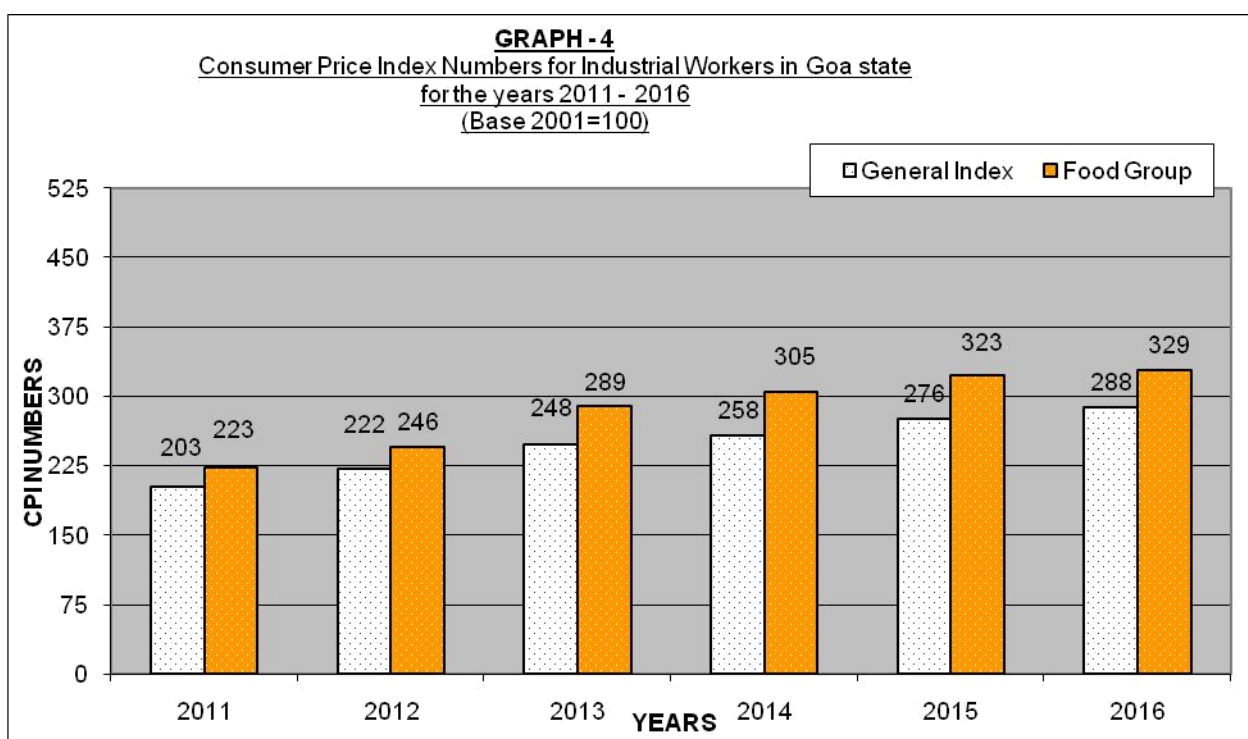
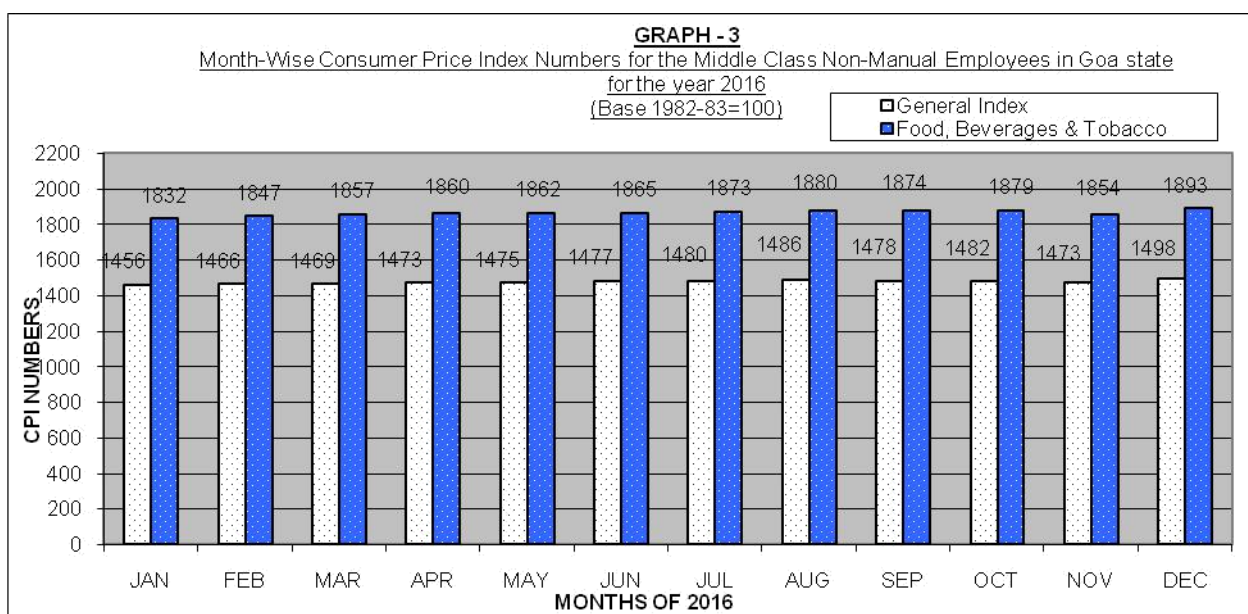
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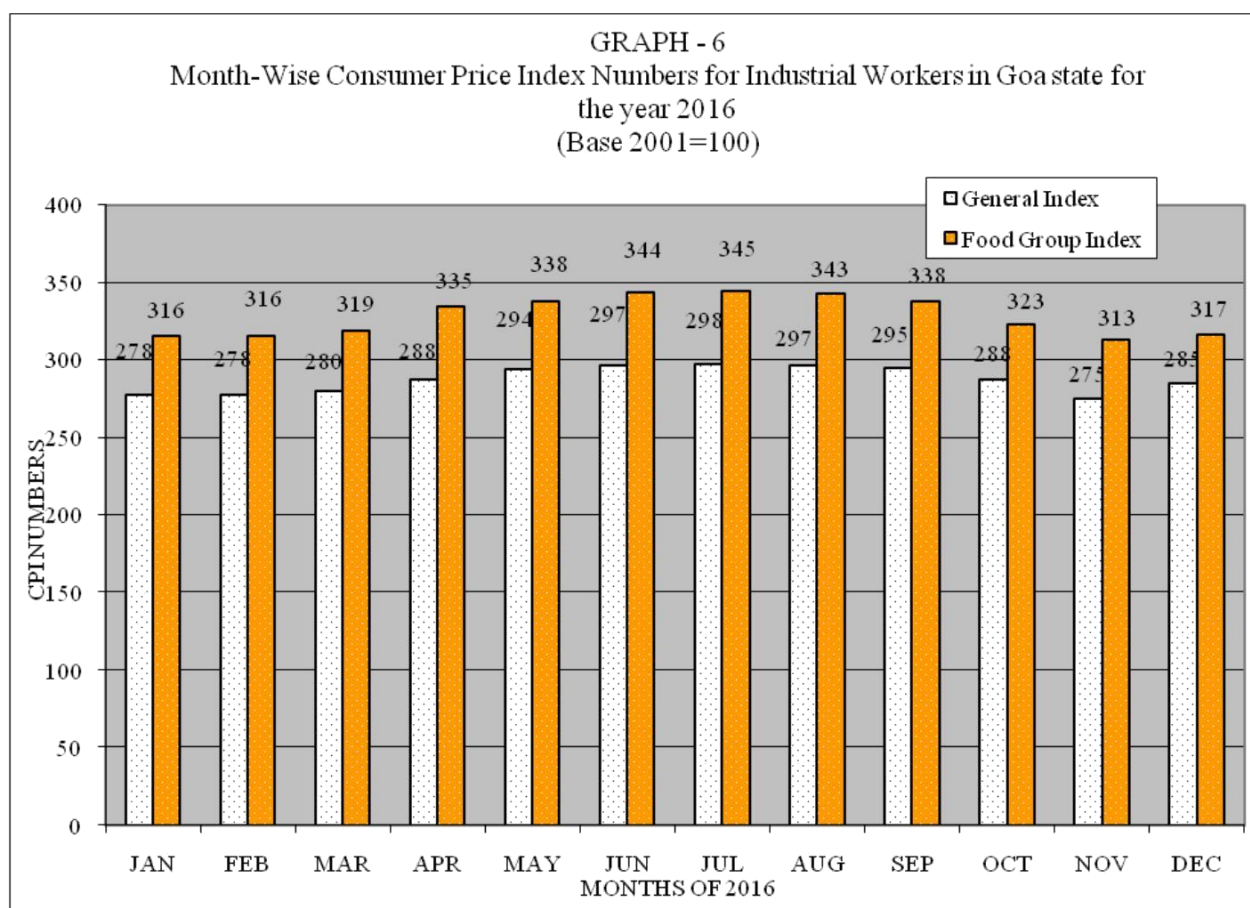
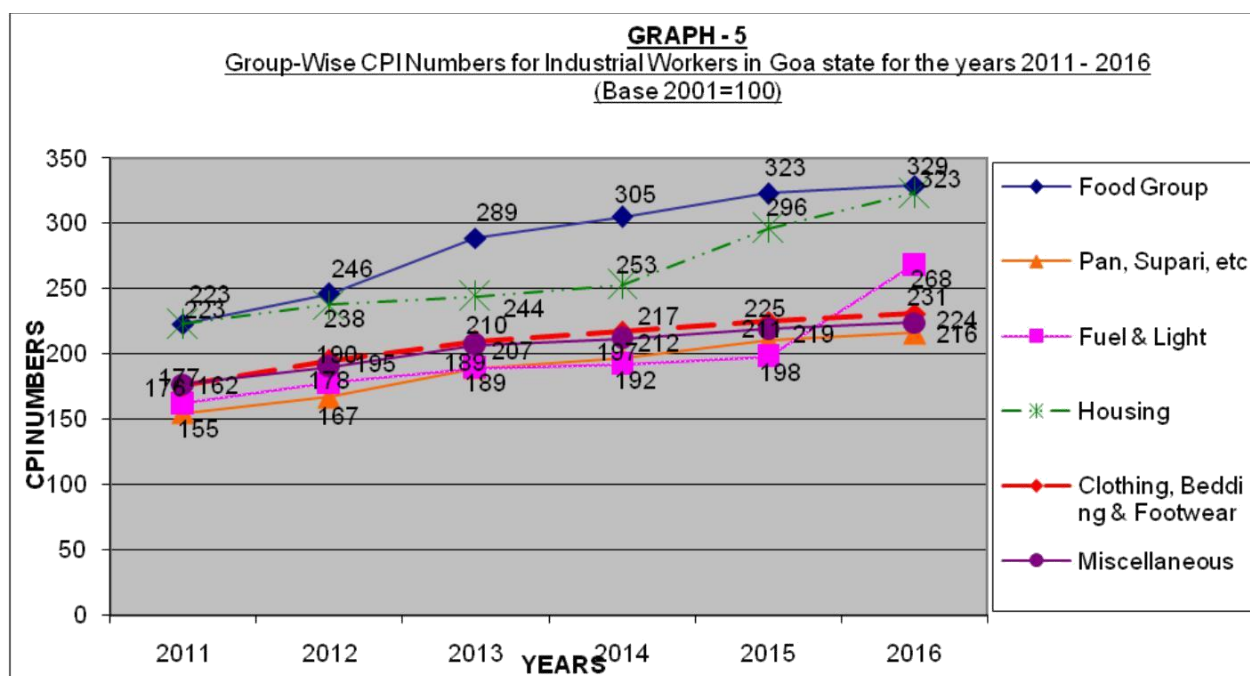
Year / Month	Groundnut Oil Pure, Mill made Kg.	Vanaspati Kg.	Chillies, Dry Byadgi (N.I.) Kg.	Potato (N.I.) Medium Quality Kg.	Onion (N.I.) Medium Quality Kg.	Coconut local Medium Size Kg.	Sugar		Gur Medium Quality Kg.	Arecanut Kg.
							Fair Price Medium Quality Kg.	Open market Medium Quality Kg.		
1	11	12	13	14	15	16	17	18	19	20
2011	119.11	80.17	144.78	16.05	19.56	10.36	N/A	30.11	36.87	177.93
2012	144.80	86.96	126.69	19.31	15.11	11.28	N/A	34.10	40.48	233.07
2013	178.99	88.80	151.02	24.62	32.48	11.46	N/A	35.39	44.11	247.59
2014	155.85	90.88	161.71	29.05	24.72	15.92	N/A	32.87	43.72	298.68
2015	153.54	91.42	168.17	25.43	36.99	16.77	N/A	28.77	41.69	347.34
2016	150.49	93.66	190.48	24.84	20.85	18.44	N/A	38.23	48.05	378.91
January, 16	145.12	88.95	158.43	23.95	28.71	17.12	N/A	33.36	41.04	370.78
February, 16	145.78	93.50	178.56	21.78	24.09	16.81	N/A	34.09	41.39	367.72
March, 16	146.25	92.95	183.70	21.93	23.94	16.89	N/A	34.34	42.20	372.56
April, 16	146.88	93.00	185.77	21.96	23.83	16.90	N/A	34.39	42.39	379.76
May, 16	148.12	95.20	186.25	25.50	19.17	19.32	N/A	38.76	47.50	376.26
June, 16	154.37	93.64	191.75	26.17	20.78	19.12	N/A	39.38	48.52	373.32
July, 16	156.98	93.28	195.62	28.53	22.95	19.26	N/A	39.77	48.86	377.62
August, 16	151.29	93.31	197.50	28.77	20.75	19.27	N/A	40.13	50.59	382.31
September, 16	158.57	93.68	198.50	26.23	19.02	19.14	N/A	40.12	52.62	382.25
October, 16	156.94	93.37	203.50	23.36	17.53	18.90	N/A	40.16	51.86	385.42
November, 16	147.43	94.14	202.50	24.46	17.07	18.81	N/A	40.06	51.48	389.37
December, 16	148.19	94.69	203.75	24.63	19.35	18.60	N/A	39.93	51.93	389.53

**CONSUMER PRICE INDEX
NUMBERS
IN GOA STATE**

**GRAPHICAL
ANALYSIS**

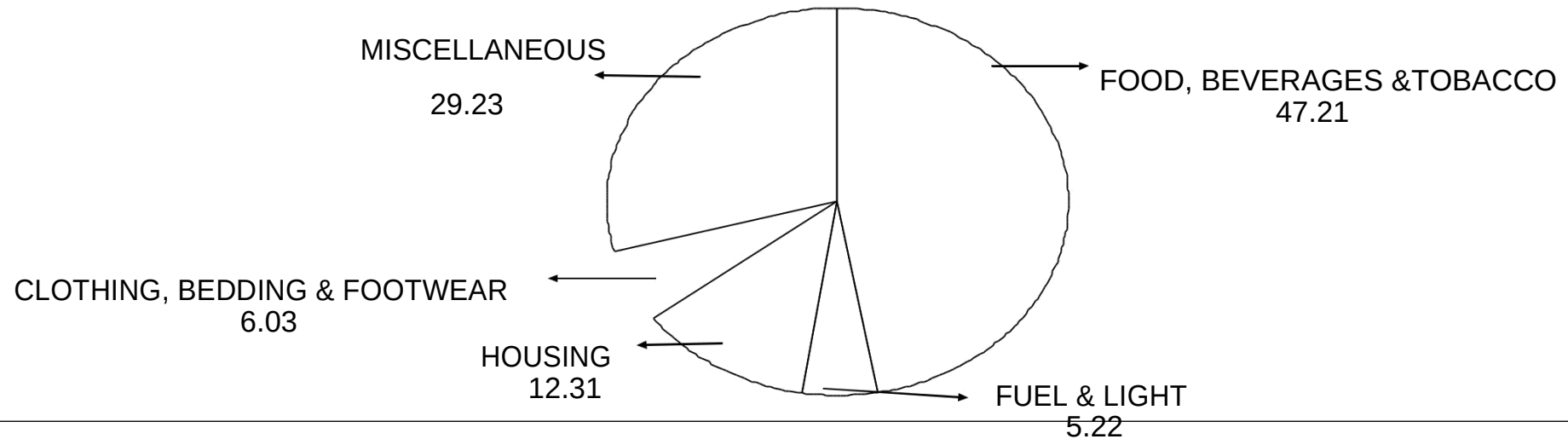




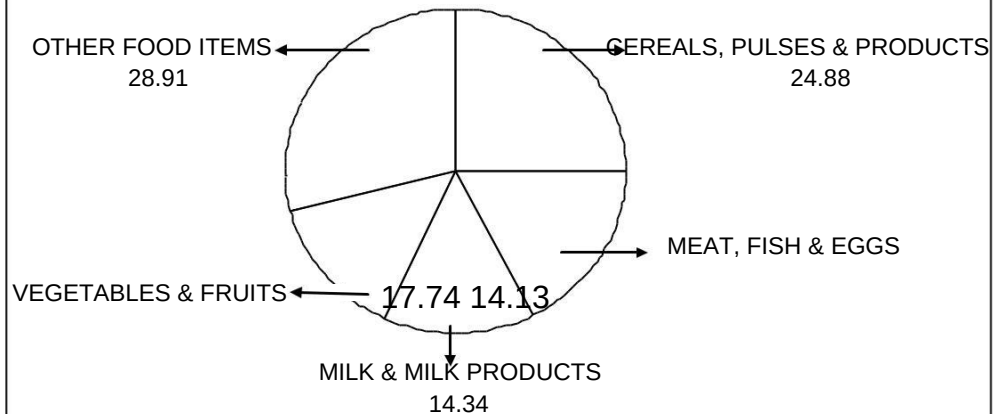


GRAPH - 7

Group-Wise Weights for Consumer Price Index Numbers for Middle Class Non-Manual Employees in Goa state



Sub-Groupwise Weights of Food Items



Sub-Groupwise Weights of Miscellaneous Items

