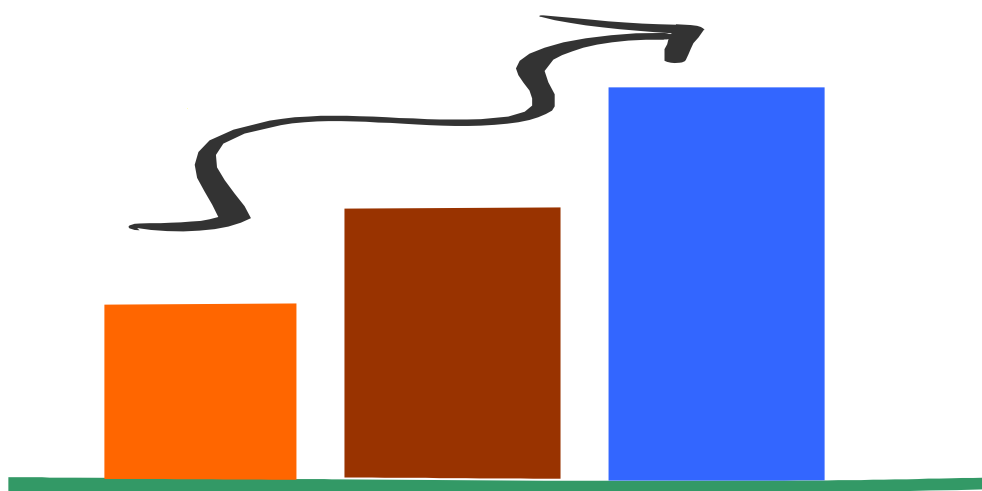




GOVERNMENT OF GOA

PRICE TRENDS IN GOA STATE

2019



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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-seventh 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 2019 and also presents the yearly average prices from the year 2014 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. Durga Prasad)

Director

Porvorim - Goa.

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CONTENTS

Page No.

	Price Trends — Goa State : Introduction	1- 4
	STATISTICAL TABLES - 2019	5
Table I	Scale of Ration fixed for distribution of different commodities	7
Table II	Consumer Price Index Numbers for Middle Class Non-Manual Employees	8
Table III	Consumer Price Index Numbers for Industrial Workers	9
Table IV	Average wholesale prices of some important commodities in Panaji Market	10
Table V	Average wholesale prices of some important commodities in Margao Market	11
Table VI	Average wholesale prices of some important commodities in Mapusa Market	12
Table VII	Average retail prices of some essential commodities of Middle Class consumption in Goa state	13
	GRAPHICAL ANALYSIS	15
1	Yearly Consumer Price Index Numbers for the Middle Class Non-Manual Employees in Goa state for the years 2014-19.	17
2	Group-wise Consumer Price Index Numbers for the Middle Class Non- Manual Employees in Goa state for the years 2014-19.	
3	Month-wise Consumer Price Index Numbers for the Middle Class Non- Manual Employees in Goa state for the year 2019.	18
4	Yearly Consumer Price Index Numbers for the Industrial Workers in Goa state for the years 2014-19.	
5	Group-wise Consumer Price Index Numbers for Industrial Workers in Goa state for the years 2014-19.	19
6	Month-wise Consumer Price Index Numbers for Industrial Workers in Goa state for the year 2019.	20
7	Group-wise Weights for Consumer Price Index Numbers for the Middle Class Non-Manual Employees in Goa state.	21

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. As per census 2011, 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 2016-17, 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 2019 was 4152.1 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 2019.

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, 2019 was 1849 (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 1749 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 (CPI) 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 2019. The average yearly indices on Revised Base 1982-83=100 since 2014 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 2019.

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 2019 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
2019**

TABLE NO. I

**Scale of Ration Fixed for Distribution of Different
Commodities during 2019**

Sl. No.	Commodity	Month	Quota Per Card				
			APL	PHH	AAY	ANP	SWIS
1	2	3	4	5	6	7	8
1.	Rice	January, February, March April, May, June, July, August, October & November	(@ Rs.12.50 per kg per card) 8 Kgs	(@ Rs. 3.00 Per Beneficiary) 5 Kgs.	(@ Rs.3.00 per kg per card) 35 Kgs	(Free) per card 10 Kgs	(@ Rs.6.15 per kg) As Allotted
		September & December	10 Kgs	5Kgs	35 kgs	10kgs	As Allotted
2.	Wheat	January, February, March,	(@ Rs.10.00 per kg per card) 7 Kgs				-- @ Rs. 4.80 As Allotted -
		April, May, June, July, & August	5 Kgs	---	-		- --
		September, October, November	8 Kgs				
		December	7 Kgs	--	--		
3.	Sugar	January, February, March, April, May, June July, August, September October, November & December	--		(@ Rs.13.50/- per kg 1000 gms per person per month		--
4.	Palmolein oil	--	-				

**Abbreviation: APL - Above Poverty Line
BPL - Below Poverty Line
PHH - Priority Household
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
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
2017	4255	1536	4.07	1895	1042	544	1155	1541
2018	4533	1637	6.57	1989	1212	554	1389	1651
2019	4924	1778	8.61	2123	1216	564	1502	1888
January, 19	4787	1728		2031	1212	561	1483	1873
February, 19	4784	1727		2032	1173	561	1482	1875
March, 19	4795	1731		2036	1185	561	1491	1880
April, 19	4803	1734		2044	1202	561	1507	1868
May, 19	4831	1744		2064	1225	561	1478	1874
June, 19	4889	1765		2104	1233	561	1481	1879
July, 19	4922	1777		2123	1218	566	1496	1885
August, 19	4983	1799		2168	1203	566	1507	1890
September, 19	5030	1816		2195	1214	566	1512	1901
October, 19	5058	1826		2211	1239	566	1494	1908
November, 19	5088	1837		2224	1242	566	1545	1913
December, 19	5122	1849		2248	1246	566	1551	1913

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
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
2017	5602	1648	295	2.43	330	232	314	335	243	229
2018	6022	1771	317	7.45	357	257	319	388	248	231
2019	6304	1854	332	4.73	370	280	286	442	254	237
January, 19	6177	1817	325		356	269	330	439	251	231
February, 19	6253	1839	329		363	278	329	439	251	232
March, 19	6253	1839	329		364	278	330	439	251	233
April, 19	6272	1845	330		363	279	339	439	257	234
May, 19	6215	1828	327		363	279	257	439	257	234
June, 19	6329	1861	333		378	280	258	439	257	234
July, 19	6500	1912	342		395	282	259	445	257	235
August, 19	6348	1867	334		375	287	264	445	257	236
September, 19	6272	1845	330		367	288	265	445	257	236
October, 19	6196	1822	326		358	283	267	445	251	237
November, 19	6310	1856	332		370	283	268	445	250	237
December, 19	6519	1917	343		384	273	268	445	249	259

* 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
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
2017	3225.00	2650.00	2616.66	14425.00	3879.16	7962.50	1800	1413.75
2018	3204.17	2714.58	2956.25	7379.17	4033.33	7348.33	1870.83	1441.66
2019	3425.00	2945.83	2975.00	7572.92	4621.66	7718.33	1816.67	1922.92
January, 19	3400	3000	3000	7500	4620	7720	1800	1950
February, 19	3400	2950	3000	7500	4620	7720	1800	1900
March, 19	3400	3000	3000	7500	4600	7720	1800	1950
April, 19	3400	3000	3000	7500	4600	7720	1800	1925
May, 19	3400	3000	2950	7475	4620	7700	1800	1925
June, 19	3400	3000	2900	7450	4640	7700	1800	1900
July, 19	3400	2900	3000	7450	4640	7730	1800	1920
August, 19	3400	2900	3000	7600	4600	7730	1800	1920
September, 19	3400	2900	3000	7600	4620	7720	1800	1900
October, 19	3500	2900	3000	7750	4620	7720	1850	1930
November, 19	3500	2900	2950	7750	4640	7720	1850	1930
December, 19	3500	2900	2900	7800	4640	7720	1900	1925

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
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
2017	1279.16	18079.16	14441.66	2391.66	1562.50	13833.33	4108.33	3495.83
2018	1291.66	17097.92	13551.67	2080.83	2587.5	13916.67	3858.33	4294.17
2019	1365.83	18033.33	15983.33	2261.67	3220.83	14520.83	3716.67	4354.17
January, 19	1350	17900	15700	2200	3000	14400	3700	4300
February, 19	1350	17900	15700	2200	3000	14200	3700	4350
March, 19	1350	17900	15800	2200	3100	14500	3750	4400
April, 19	1360	18000	15800	2250	3100	14500	3750	4300
May, 19	1360	18000	15800	2250	3150	14800	3600	4300
June, 19	1360	18000	16100	2250	3150	14500	3600	4300
July, 19	1360	18200	16100	2280	3200	14600	3700	4350
August, 19	1380	18200	16100	2280	3200	14600	3700	4350
September, 19	1380	18200	16100	2310	3400	14500	3750	4500
October, 19	1380	18100	16200	2310	3450	14100	3750	4400
November, 19	1380	18000	16200	2310	3400	14750	3800	4350
December, 19	1380	18000	16200	2300	3500	14800	3800	4350

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
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	3700.00	9180.33	1900.00	1642.08
2017	3237.50	2662.50	2904.16	14666.67	4000.00	8562.50	1866.66	1398.75
2018	3266.67	2855.83	2963.33	7295.83	3930.33	7546.67	2079.17	1483.33
2019	3512.50	2941.67	3045.83	7691.67	4893.33	7854.17	1811.67	1924.17
January, 19	3500	2900	3100	7400	4700	7800	1800	1850
February, 19	3500	3000	3100	7500	4800	7800	1800	1850
March, 19	3500	3000	3150	7500	4800	7700	1800	1850
April, 19	3500	3000	3200	7500	4860	7700	1800	1900
May, 19	3525	3000	3250	7600	4860	7850	1800	1900
June, 19	3550	3000	2900	7600	4900	7850	1800	1960
July, 19	3550	2900	3000	7800	4900	7850	1820	1960
August, 19	3525	2900	3000	7900	4900	7900	1840	1940
September, 19	3500	2900	3000	8000	5000	7900	1840	1940
October, 19	3500	2900	3000	7800	5000	7900	1840	1980
November, 19	3500	2900	2950	7900	5000	8000	1800	1980
December, 19	3500	2900	2900	7800	5000	8000	1800	1980

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
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
2017	1291.66	18141.66	15391.66	2545.83	1543.33	13458.33	4091.66	3766.66
2018	1402.5	17368.33	15218.33	1908.33	1773.33	13766.7	3755	4169.17
2019	1384.17	18058.33	16016.67	2269.17	3166.67	14483.33	3733.33	4329.17
January, 19	1400	18000	15800	2250	2900	14000	3600	4250
February, 19	1400	18000	15800	2250	2900	14000	3700	4250
March, 19	1350	17900	15800	2200	3000	14200	3750	4200
April, 19	1360	18000	15800	2200	3100	14500	3750	4300
May, 19	1360	18000	16000	2250	3150	14500	3600	4300
June, 19	1400	18000	16100	2300	3100	14500	3700	4350
July, 19	1400	18200	16100	2280	3200	14600	3800	4350
August, 19	1400	18200	16100	2280	3100	14800	3800	4400
September, 19	1400	18200	16100	2300	3200	14600	3750	4400
October, 19	1380	18100	16200	2310	3400	14600	3750	4400
November, 19	1380	18000	16200	2310	3450	14750	3800	4400
December, 19	1380	18100	16200	2300	3500	14750	3800	4350

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
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
2017	3133.33	2595.83	2925.00	14191.67	3895.83	7837.50	1800.00	1334.16
2018	3016.67	2688.33	2969.17	6973.33	3986.67	7076.67	2062.5	1873.33
2019	3372.92	2895.83	2962.50	7368.75	4918.33	7816.67	1893.75	1925.83
January, 19	3300	3000	2900	7500	4800	7700	1800	1800
February, 19	3300	3000	2900	7475	4800	7800	1800	1800
March, 19	3350	3000	2900	7450	4860	7700	1800	1850
April, 19	3375	2900	3000	7450	4860	7700	1800	1900
May, 19	3400	2900	3000	7425	4900	7850	1800	1900
June, 19	3400	2900	3000	7500	4900	7850	1825	1960
July, 19	3500	2900	3000	7600	4900	7800	1850	1960
August, 19	3500	2900	2950	7750	4900	7800	1900	1980
September, 19	3500	2900	2900	7800	5100	7900	1900	1980
October, 19	3450	2950	3000	7800	5000	7900	2050	1980
November, 19	3200	2650	3000	7800	5000	7900	2100	2000
December, 19	3200	2750	3000	7800	5000	7900	2100	2000

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
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
2017	1303.33	17945.83	14479.16	2483.33	1537.50	12833.33	4104.16	4054.16
2018	1341.67	17558.33	12908.33	1871.67	1970.83	13491.67	3853.33	4237.5
2019	1370.83	18041.67	16008.33	2259.17	3230.83	14512.5	3695.83	4316.67
January, 19	1340	18000	15600	2150	3000	14500	3600	4300
February, 19	1340	17900	15700	2150	3000	14300	3600	4200
March, 19	1350	17900	15800	2200	3100	14400	3750	4200
April, 19	1360	18000	15800	2250	3000	14350	3750	4300
May, 19	1360	18000	16000	2300	3150	14500	3650	4400
June, 19	1380	18100	16100	2250	3200	14500	3600	4300
July, 19	1380	18200	16200	2280	3200	14600	3700	4300
August, 19	1380	18200	16100	2300	3200	14400	3700	4300
September, 19	1380	18100	16200	2310	3300	14500	3750	4400
October, 19	1400	18100	16200	2320	3580	14600	3750	4350
November, 19	1400	18000	16200	2300	3540	14750	3700	4350
December, 19	1380	18000	16200	2300	3500	14750	3800	4400

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.	Turdal (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
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
2017	11.60	55.08	35.47	9.10	31.77	89.12	42.56	83.82	174.12
2018	11.60	60.56	36.55	9.10	32.58	76.97	48.32	81.46	173.62
2019	12.50	60.62	39.07	10.00	34.69	92.51	72.65	91.13	200.06
January, 19	12.50	59.56	38.08	10.00	33.72	85.00	68.92	87.28	204.38
February, 19	12.50	59.56	38.15	10.00	33.31	86.48	68.91	87.99	206.20
March, 19	12.50	59.56	38.87	10.00	33.69	87.50	68.59	89.07	206.20
April, 19	12.50	59.47	38.68	10.00	33.89	89.94	69.58	88.08	207.19
May, 19	12.50	59.88	38.98	10.00	34.29	90.09	70.65	88.93	206.88
June, 19	12.50	60.48	38.63	10.00	34.25	92.86	71.42	89.93	207.66
July, 19	12.50	60.75	38.84	10.00	34.63	93.28	72.07	89.71	209.38
August, 19	12.50	60.84	38.80	10.00	35.13	94.75	72.86	91.54	210.94
September, 19	12.50	62.16	38.98	10.00	35.64	94.42	74.39	93.46	183.59
October, 19	12.50	61.85	40.02	10.00	35.71	96.53	78.19	94.40	184.46
November, 19	12.50	61.75	40.66	10.00	35.95	98.68	78.80	96.85	185.94
December, 19	12.50	61.50	40.21	10.00	36.08	100.63	77.45	96.32	187.93

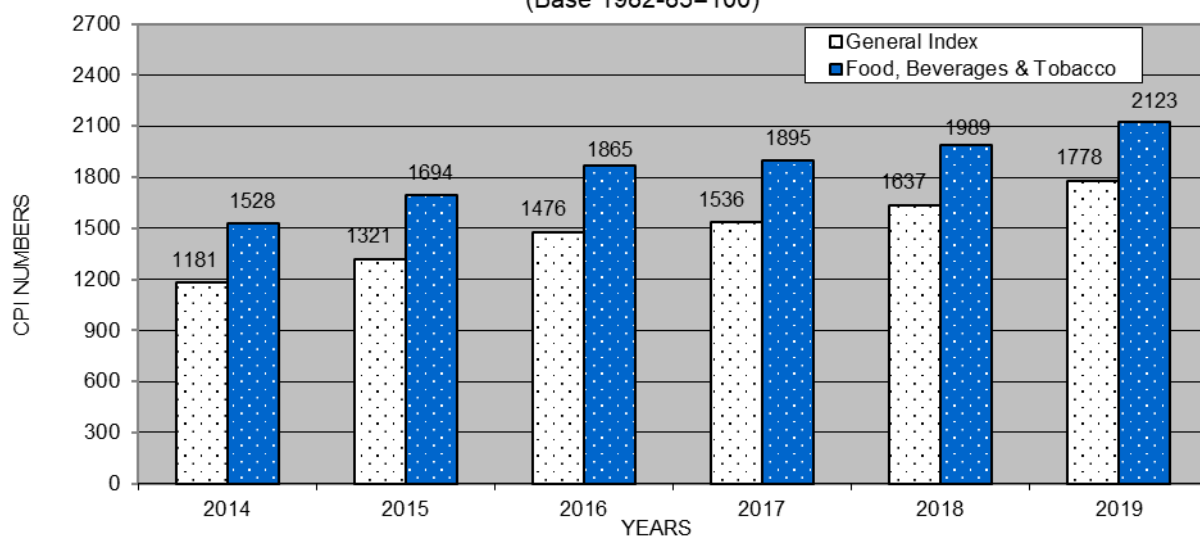
TABLE VII (Concluded)**(In Rupees)**

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
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
2017	146.45	96.27	192.68	22.20	26.92	22.20	N/A	40.65	51.48	376.93
2018	160.88	100.16	183.80	24.85	26.77	24.84	N/A	40.29	51.40	348.46
2019	167.71	108.28	194.61	29.20	38.77	20.99	N/A	38.60	51.82	354.47
January, 19	130.38	106.41	198.72	25.11	28.47	20.73	N/A	38.03	50.81	345.94
February, 19	129.42	106.77	192.50	25.64	28.41	20.31	N/A	38.06	50.89	347.66
March, 19	172.81	107.36	191.41	25.89	28.10	20.41	N/A	38.06	51.03	351.64
April, 19	173.00	107.27	195.44	26.87	27.46	20.05	N/A	38.15	51.05	351.88
May, 19	173.84	107.08	196.95	27.77	28.49	20.64	N/A	38.28	52.38	351.09
June, 19	175.00	107.69	193.48	27.87	29.74	20.14	N/A	38.25	52.62	350.56
July, 19	175.50	107.97	192.11	29.23	32.98	20.18	N/A	38.53	53.69	352.52
August, 19	175.50	108.92	193.10	32.74	37.47	21.43	N/A	39.20	53.02	356.55
September, 19	176.66	108.82	193.81	32.17	42.19	22.17	N/A	39.24	52.12	359.23
October, 19	177.30	109.70	195.30	32.77	49.02	22.17	N/A	39.22	51.29	359.71
November, 19	177.90	110.96	196.67	32.92	62.11	21.79	N/A	39.15	50.84	363.91
December, 19	175.21	110.37	195.83	31.44	70.75	21.88	N/A	38.98	52.04	362.93

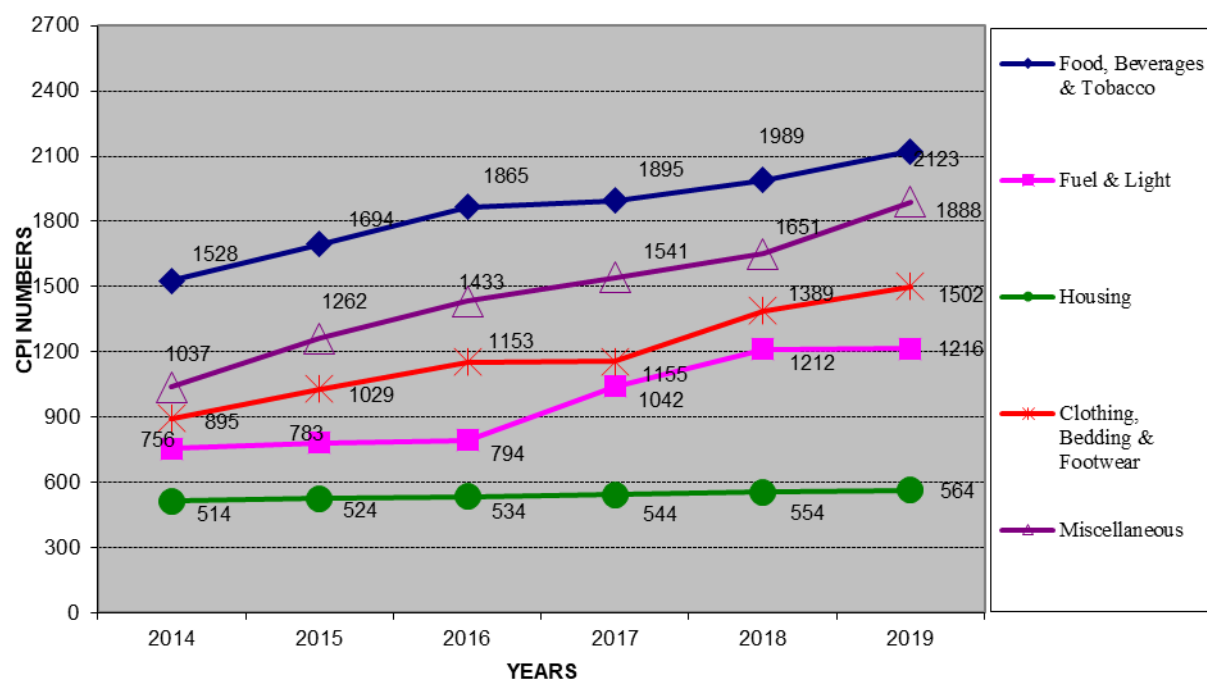
**CONSUMER PRICE INDEX
NUMBERS
IN GOA STATE**

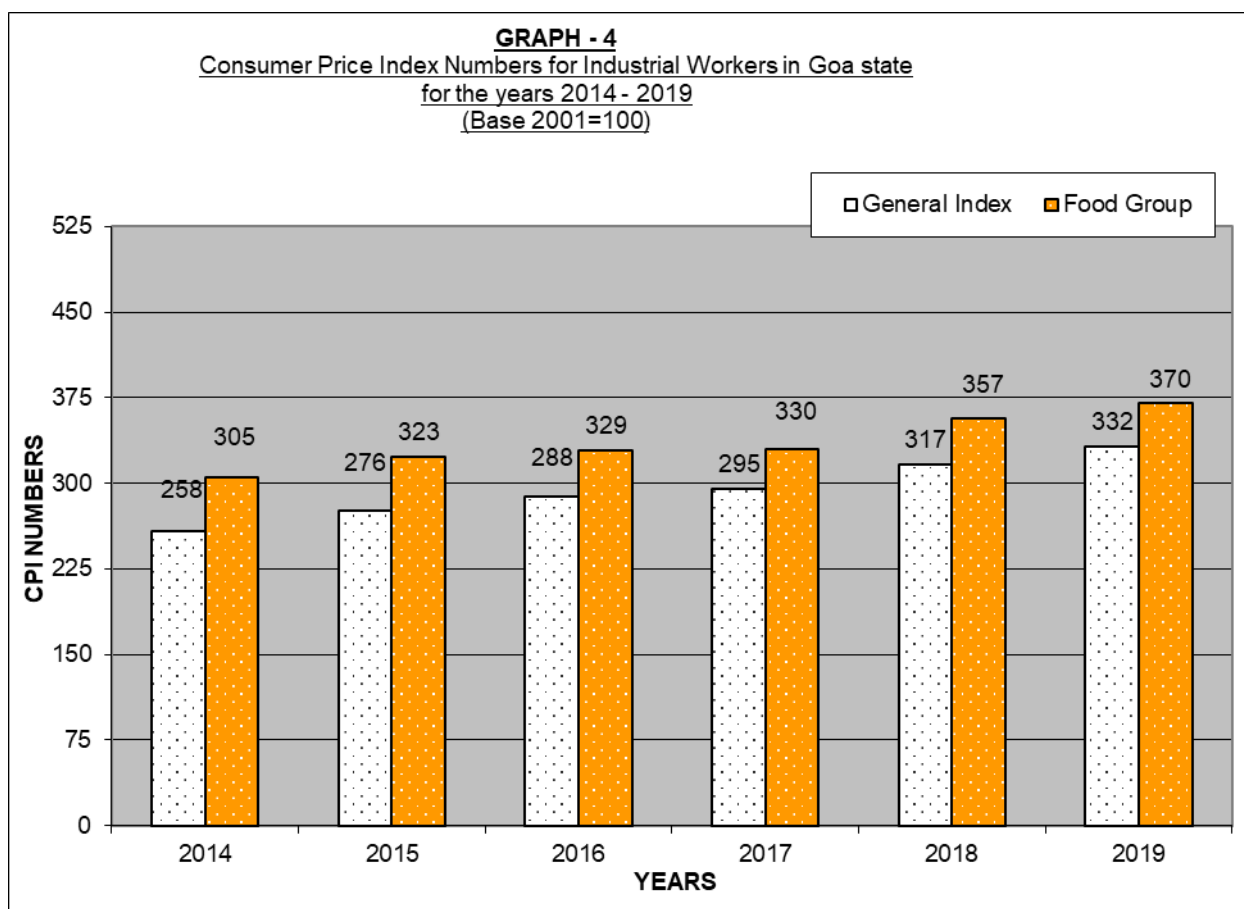
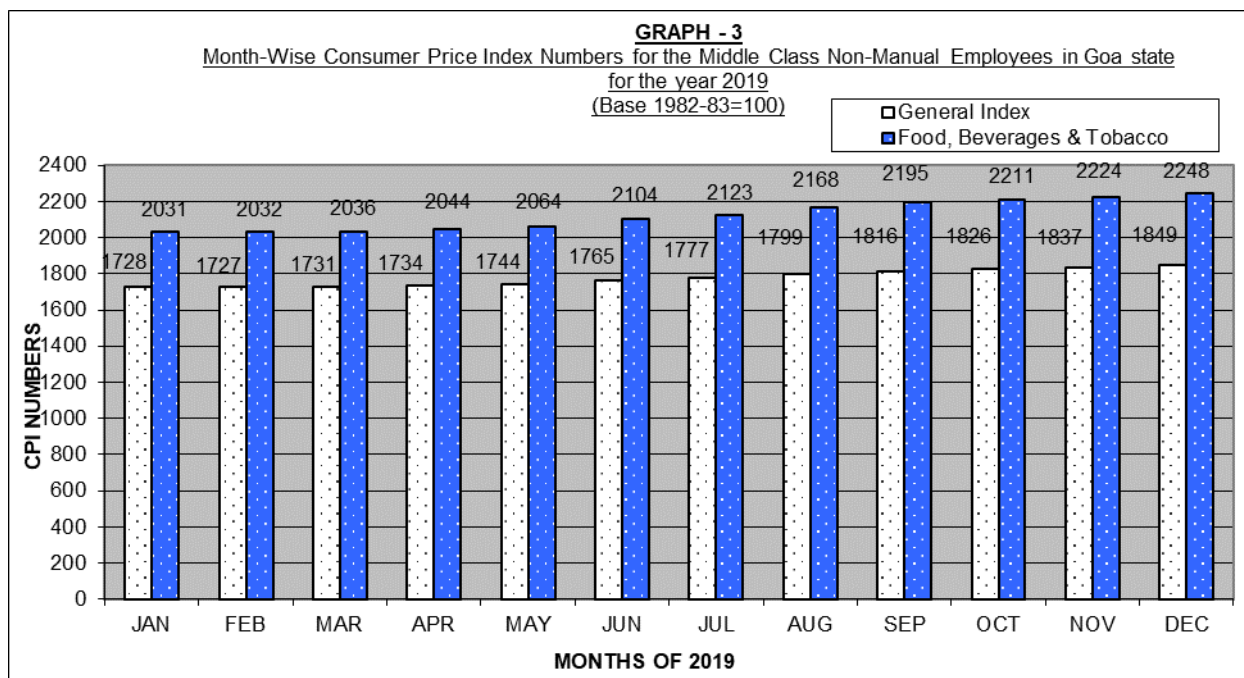
**GRAPHICAL
ANALYSIS**

GRAPH - 1
Consumer Price Index for the Middle Class Non- Manual Employees in
Goa State for the years 2014-2019
(Base 1982-83=100)

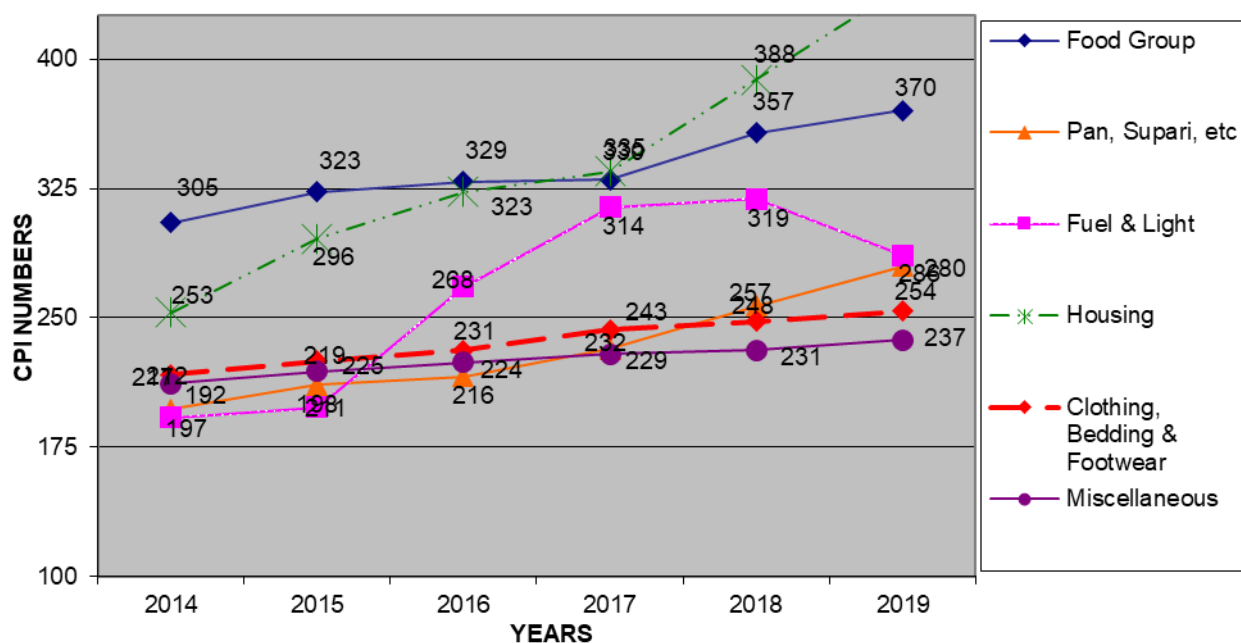


GRAPH - 2
Group-Wise CPI Numbers for the Middle Class Non-Manual Employees in
Goa state for the years 2014-2019
(Base 1982-83=100)

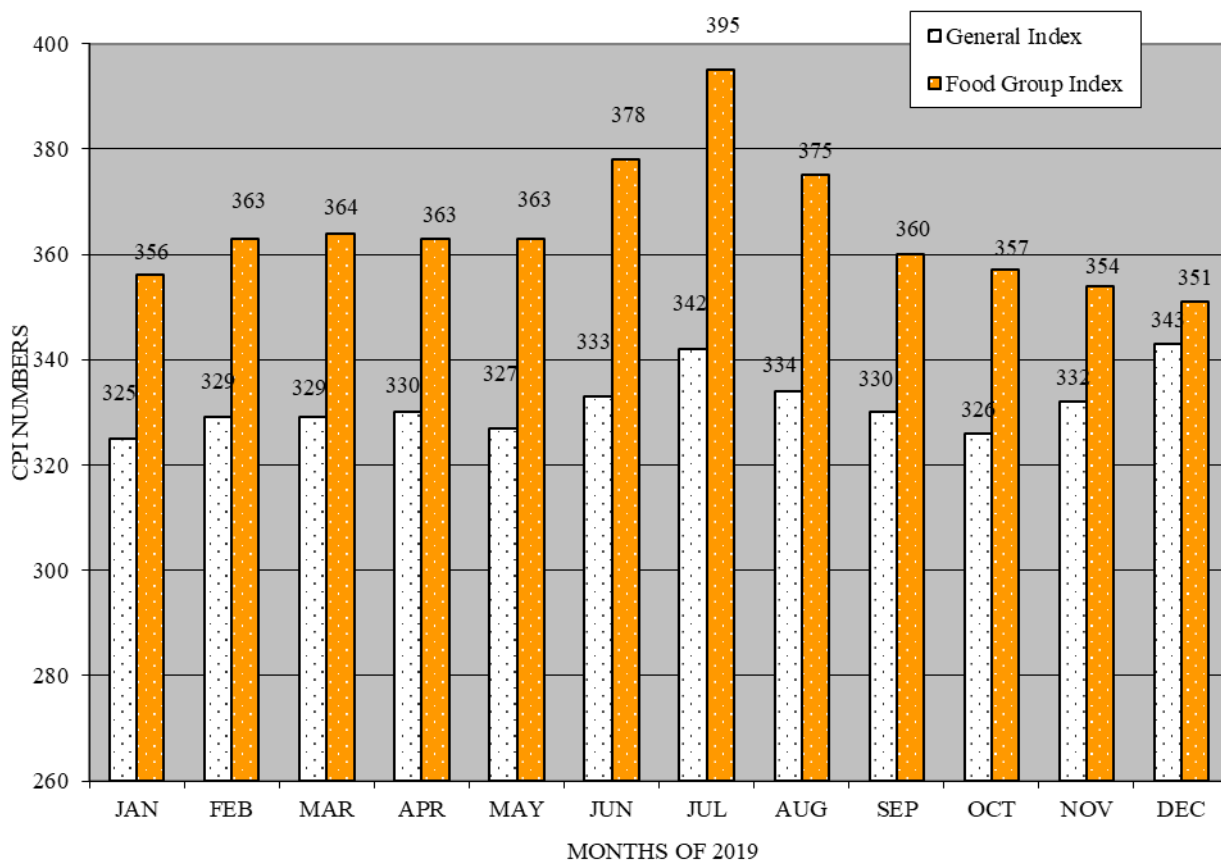




GRAPH - 5
Group-Wise CPI Numbers for Industrial Workers in Goa state for the years 2014-2019
(Base 2001=100)

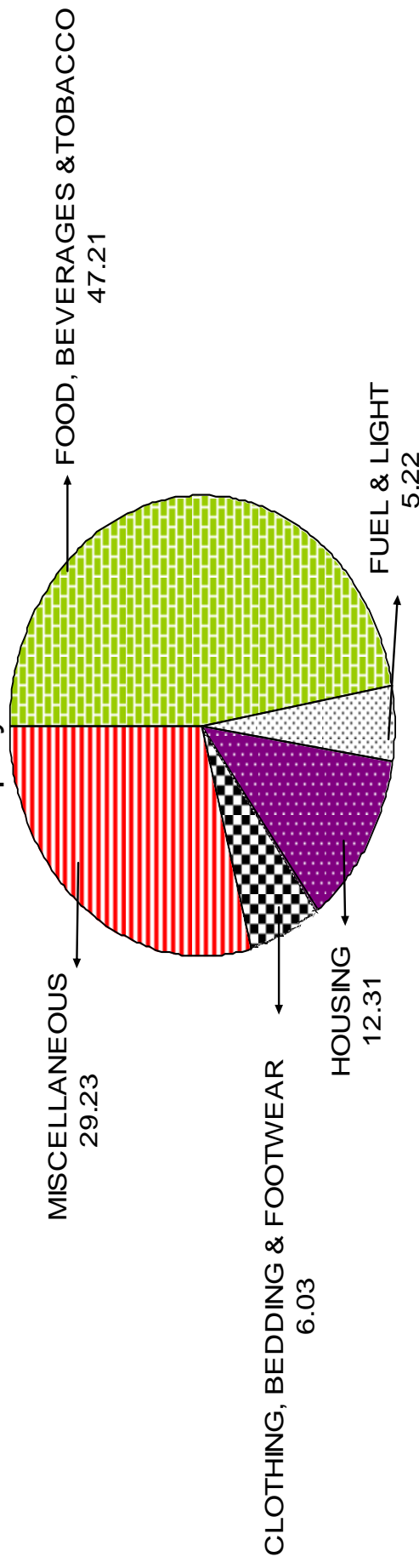


GRAPH - 6
Month-Wise Consumer Price Index Numbers for Industrial Workers in Goa state for the year 2019
(Base 2001=100)

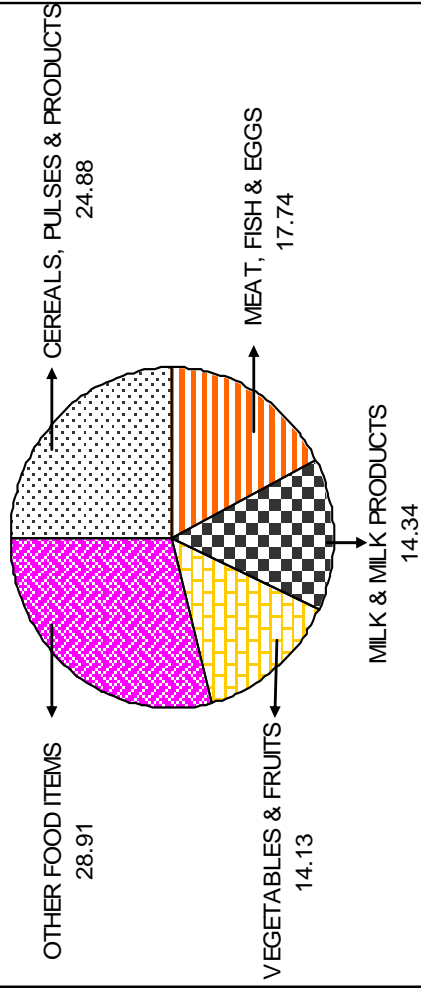


GRAPH - 7

**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

