

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 2018 was 2289.1 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 2018.

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, 2018 was 1691 (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 1591 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 2018. The average yearly indices on Revised Base 1982-83=100 since 2013 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 2018.

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 2018 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
2018**

TABLE NO. I

Scale of Ration Fixed for Distribution of Different Commodities during 2018

Sl. No.	Commodity	Month	Quota Per Card				
			APL	PHH	AAY	ANP	SWIS
1	2	3	4	5	6	7	8
1.	Rice	January, February & September	(@ Rs.11.60 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
		March, April, May June, July, August, October & November	7Kgs	5Kgs	35 kgs	10kgs	As Allotted
		December	8 Kgs @ Rs. 12.50 per kg per card	5 Kgs	35 Kgs	10 Kgs	As Allotted
2.	Wheat	January, February, March, April, May, June, July, August, October, November	(@ Rs.9.10/- per kg per card) 5 Kgs	-		@ Rs. 6.15 As Allotted	-- -- --
		September	7 Kgs	---	-		
		December	7 Kgs	--	--	As Allotted	
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
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
2017	4255	1536	4.07	1895	1042	544	1155	1541
2018	4533	1637	6.57	1989	1212	554	1389	1651
January, 18	4357	1573		1926	1140	551	1253	1577
February, 18	4349	1570		1919	1140	551	1253	1577
March, 18	4366	1576		1924	1142	551	1274	1585
April, 18	4438	1602		1955	1149	551	1325	1613
May, 18	4474	1615		1966	1163	551	1351	1631
June, 18	4512	1629		1980	1219	551	1367	1642
July, 18	4565	1648		1997	1236	556	1418	1666
August, 18	4620	1668		2029	1238	556	1429	1679
September, 18	4673	1687		2047	1256	556	1450	1707
October, 18	4679	1689		2039	1281	556	1503	1710
November, 18	4684	1691		2040	1300	556	1519	1712
December, 18	4684	1691		2041	1276	556	1525	1713

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
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
2017	5602	1648	295	2.43	330	232	314	335	243	229
2018	6022	1771	317	7.45	357	257	319	388	248	231
January, 18	5759	1694	303		333	250	324	369	246	229
February, 18	5303	1560	279		317	212	201	320	230	222
March, 18	5911	1738	311		350	253	332	369	246	231
April, 18	6063	1783	319		367	255	327	369	246	232
May, 18	6063	1783	319		366	256	331	369	246	232
June, 18	6063	1783	319		365	265	326	369	250	232
July, 18	6310	1856	332		379	265	329	416	250	232
August, 18	6310	1856	332		379	264	330	416	250	233
September, 18	6177	1817	325		360	267	336	416	256	234
October, 18	6139	1806	323		357	267	330	416	251	233
November, 18	6101	1794	321		354	268	331	416	251	232
December, 18	6063	1783	319		351	267	330	416	251	231

* 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
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
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
January, 18	3200	2900	3000	7450	3850	7200	1800	1300
February, 18	3150	3000	3000	7500	3850	7200	1800	1300
March, 18	3150	2800	2900	7500	3900	7200	1800	1300
April, 18	3200	2750	2900	7450	3900	7260	1800	1400
May, 18	3100	2700	3000	7450	4000	7260	1800	1400
June, 18	3200	2600	3000	7350	4000	7300	1800	1400
July, 18	3225	2475	2875	7300	4000	7400	1800	1500
August, 18	3225	2500	2900	7300	4150	7400	1800	1500
September, 18	3200	2500	2900	7350	4150	7400	2000	1550
October, 18	3400	2950	3000	7400	4200	7500	2050	1550
November, 18	3200	2650	3000	7300	4200	7500	2000	1550
December, 18	3200	2750	3000	7200	4200	7560	2000	1550

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
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
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
January, 18	1200	16100	13300	1860	2300	13600	3850	4200
February, 18	1250	16700	13400	1860	2300	13600	3850	4200
March, 18	1250	17000	13400	2000	2450	13800	3800	4250
April, 18	1250	17500	13400	2000	2500	13800	3800	4300
May, 18	1300	17000	13600	2100	2500	14000	3750	4300
June, 18	1300	17500	13600	2100	2700	14000	3750	4360
July, 18	1300	17200	13600	2150	2700	14000	3800	4360
August, 18	1300	17475	13600	2150	2750	14200	3900	4250
September, 18	1300	17400	13600	2150	2750	13800	3900	4250
October, 18	1350	17300	13660	2200	2700	14000	3900	4380
November, 18	1350	17000	13660	2200	2700	14100	4000	4380
December, 18	1350	17000	13800	2200	2700	14100	4000	4300

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
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	3700.00	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
January, 18	3200	2700	2900	7400	3850	7400	2000	1400
February, 18	3200	2700	2900	7400	3850	7400	1950	1400
March, 18	3150	2800	3000	7350	3850	7460	2060	1460
April, 18	3150	2800	3000	7350	3900	7460	2060	1460
May, 18	3300	2850	3000	7200	3900	7560	2100	1460
June, 18	3300	2850	3000	7200	3960	7600	2100	1460
July, 18	3300	2850	3000	7250	3960	7600	2000	1500
August, 18	3300	2900	2900	7250	3960	7640	2000	1500
September, 18	3350	2960	2900	7250	3960	7640	2160	1540
October, 18	3350	2960	3000	7300	4000	7600	2160	1540
November, 18	3300	2960	3000	7300	4000	7600	2160	1540
December, 18	3300	2940	2960	7300	3980	7600	2200	1540

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
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
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
January, 18	1300	17200	15200	1800	1780	13000	3700	4100
February, 178	1350	17200	15200	1800	1800	1300	3700	4100
March, 18	1350	17400	15200	1850	1800	13600	3700	4150
April, 18	1350	17300	15300	1850	1800	13600	3760	4150
May, 18	1410	17300	15000	1900	1860	13600	3760	4150
June, 18	1410	17300	15200	1900	1860	14000	3720	4220
July, 18	1410	17350	15200	1900	1750	14000	3720	4220
August, 18	1410	17350	15200	1950	1750	14200	3800	4220
September, 18	1460	17400	15260	1950	1700	14200	3800	4160
October, 18	1460	17500	15260	2000	1700	14000	3800	4160
November, 18	1460	17560	15300	2000	1760	14000	3800	4200
December, 18	1460	17560	15300	2000	1760	14000	3800	4200

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
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
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
January, 18	2900	2600	2800	6900	3900	7000	1900	1700
February, 18	2900	2600	2800	6900	3900	7000	1900	1700
March, 18	2900	2660	2960	7040	3960	7120	1900	1800
April, 18	3000	2660	2960	7000	3960	7120	2000	1800
May, 18	3000	2700	3000	7000	4000	7120	2000	1880
June, 18	3000	2720	3000	7000	4000	7080	2000	1960
July, 18	3060	2720	2980	6880	3980	7080	2100	1960
August, 18	3060	2700	2980	6880	3980	7080	2100	1900
September, 18	3100	2750	3025	7000	4040	7060	2100	1900
October, 18	3100	2750	3025	7000	4040	7060	2250	1960
November, 18	3100	2700	3050	7040	4040	7100	2250	1960
December, 18	3080	2700	3050	7040	4040	7100	2250	1960

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
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
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
January, 18	1280	17200	12000	1800	1900	13000	3800	4200
February, 18	1280	17200	12000	1800	1900	13000	3800	4200
March, 18	1300	17400	12400	1840	2000	13000	3860	4200
April, 18	1300	17400	12400	1840	2050	13500	3860	4100
May, 18	1310	17400	12400	1840	1900	13500	3900	4100
June, 18	1310	17500	13000	1900	1900	13600	3900	4250
July, 18	1350	17500	13000	1900	2000	13400	3840	4250
August, 18	1350	17500	13450	1870	2100	13400	3840	4280
September, 18	1380	18000	13450	1870	2100	13700	3860	4280
October, 18	1380	18000	13600	1900	1950	13800	3860	4330
November, 18	1430	17800	13600	1900	1950	14000	3860	4330
December, 18	1430	17800	13600	2000	1900	14000	3860	4330

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
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
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
January, 18	11.60	58.38	35.49	9.10	31.53	77.13	42.30	78.20	159.00
February, 18	11.60	58.41	35.66	9.10	32.03	77.51	41.88	79.88	171.25
March, 18	11.60	58.66	35.25	9.10	31.97	77.50	42.25	80.38	171.59
April, 18	11.60	57.38	35.75	9.10	32.56	77.19	43.25	80.76	170.50
May, 18	11.60	60.47	35.65	9.10	32.46	75.18	44.30	81.98	171.88
June, 18	11.60	61.88	36.69	9.10	32.63	75.50	44.75	82.38	172.50
July, 18	11.60	61.75	36.18	9.10	32.55	73.75	50.48	82.00	172.25
August, 18	11.60	61.72	36.79	9.10	33.04	74.97	52.03	81.61	176.88
September, 18	11.60	62.50	37.41	9.10	33.25	76.31	52.50	83.33	178.13
October, 18	11.60	62.53	36.54	9.10	32.84	76.63	52.03	81.20	178.50
November, 18	11.60	62.34	39.22	9.10	32.86	81.48	54.50	83.41	178.75
December, 18	11.60	60.78	37.97	9.10	33.25	80.56	59.63	82.47	182.19

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
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
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
January, 18	147.73	96.95	184.38	22.63	31.44	28.09	N/A	40.53	49.24	339.88
February, 18	147.38	97.31	176.75	20.75	25.50	28.81	N/A	40.88	48.56	343.91
March, 18	162.59	97.53	179.13	21.19	25.72	27.91	N/A	40.88	49.43	347.34
April, 18	178.72	97.00	178.44	23.50	23.88	28.09	N/A	40.25	48.97	343.88
May, 18	163.25	97.08	180.38	24.63	22.63	26.30	N/A	39.30	50.41	345.63
June, 18	165.68	97.45	190.03	25.50	25.00	24.65	N/A	39.23	51.25	347.13
July, 18	157.73	104.80	188.75	27.25	25.81	23.04	N/A	41.03	52.51	350.00
August, 18	157.38	103.22	191.19	27.25	26.78	22.28	N/A	40.94	52.94	349.97
September, 18	161.63	102.85	182.5	28.25	28.13	22.38	N/A	40.38	53.63	353.94
October, 18	161.15	102.05	176.88	25.88	30.00	23.05	N/A	40.50	52.83	352.63
November, 18	163.20	102.75	184.69	25.50	27.88	22.59	N/A	39.63	53.50	355.63
December, 18	164.19	102.94	192.50	25.94	28.50	20.84	N/A	39.97	53.59	351.56

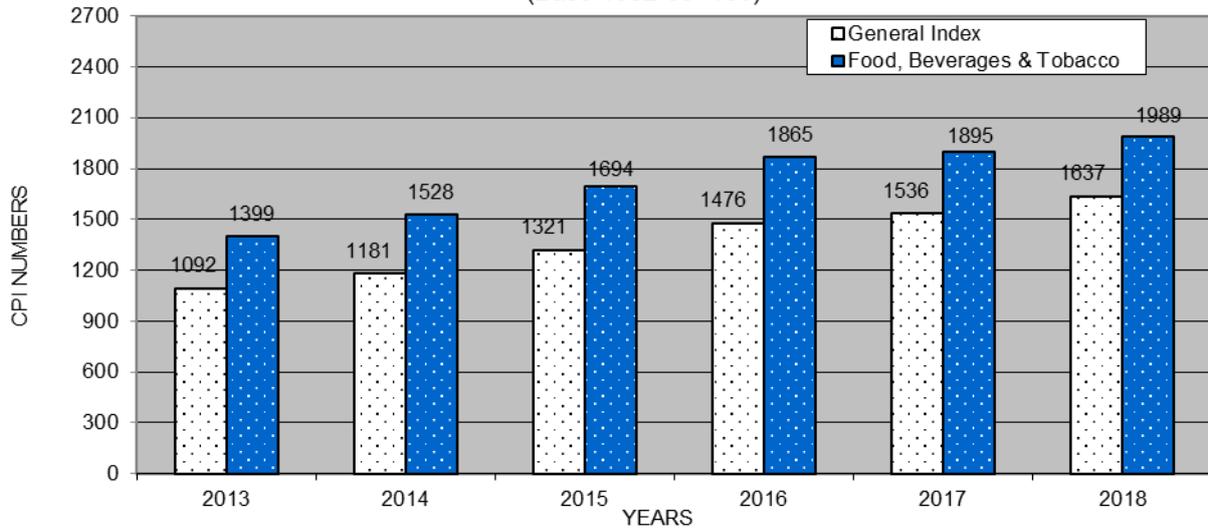
CONSUMER PRICE INDEX

NUMBERS

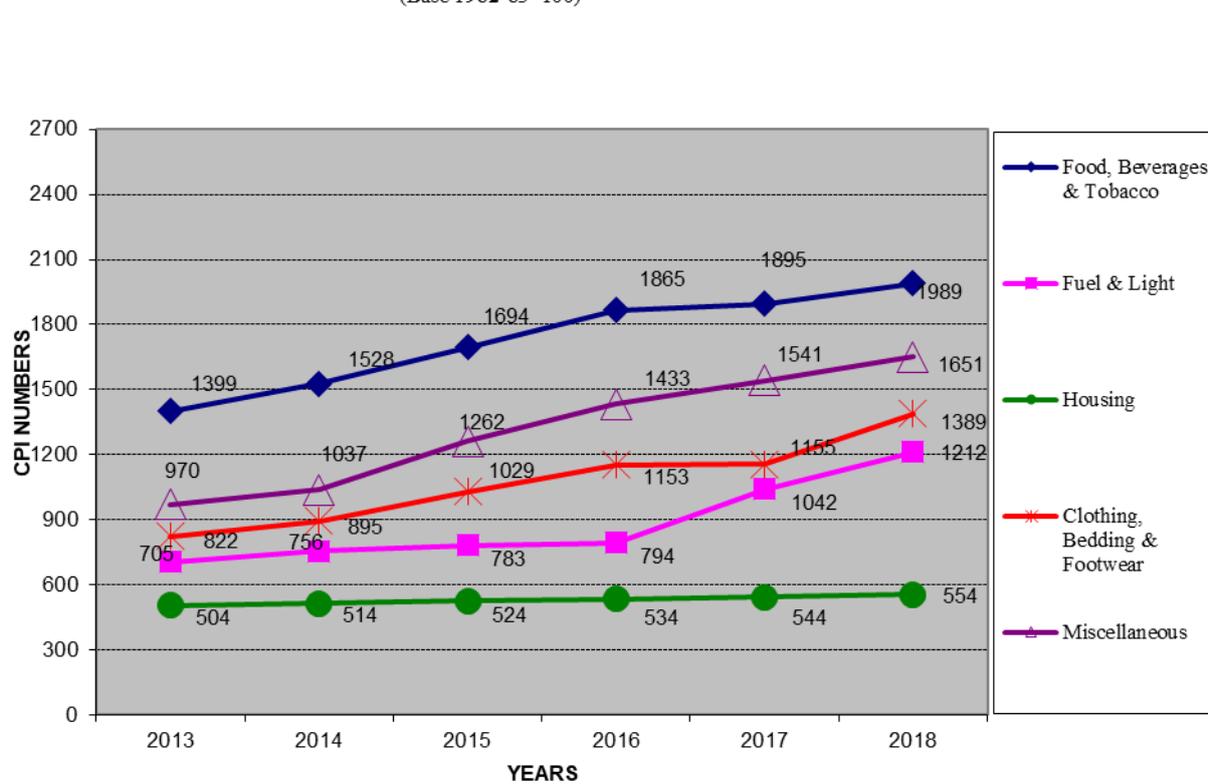
IN GOA STATE

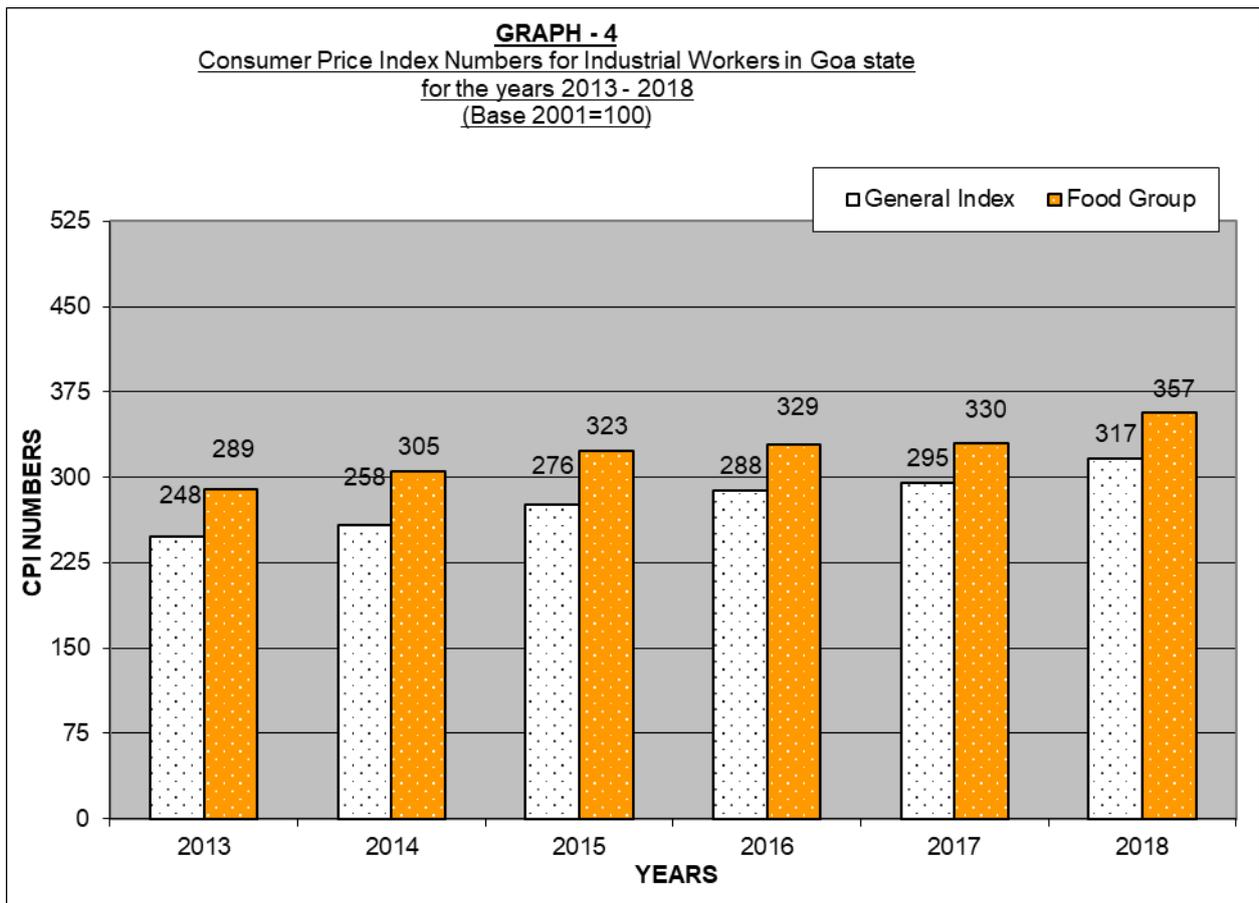
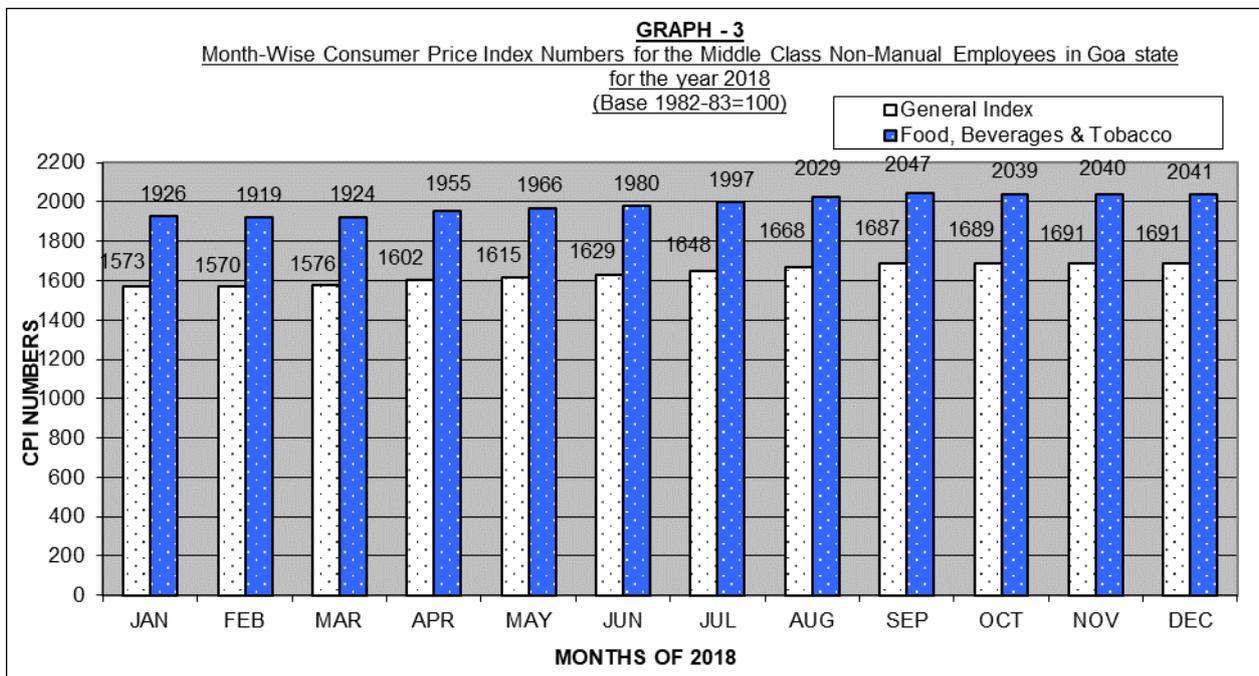
GRAPHICAL ANALYSIS

GRAPH - 1
Consumer Price Index for the Middle Class Non- Manual Employees in
Goa State for the years 2013 - 2018
(Base 1982-83=100)

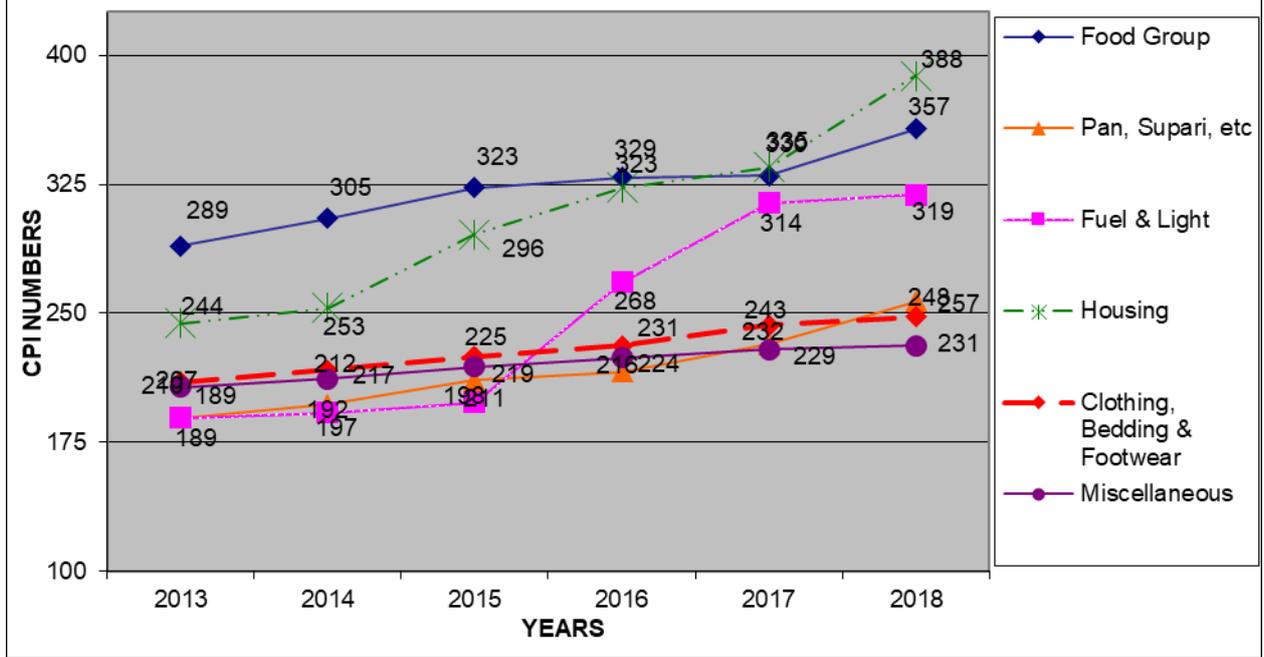


GRAPH - 2
Group-Wise CPI Numbers for the Middle Class Non-Manual Employees in
Goa state for the years 2013-2018
(Base 1982-83=100)

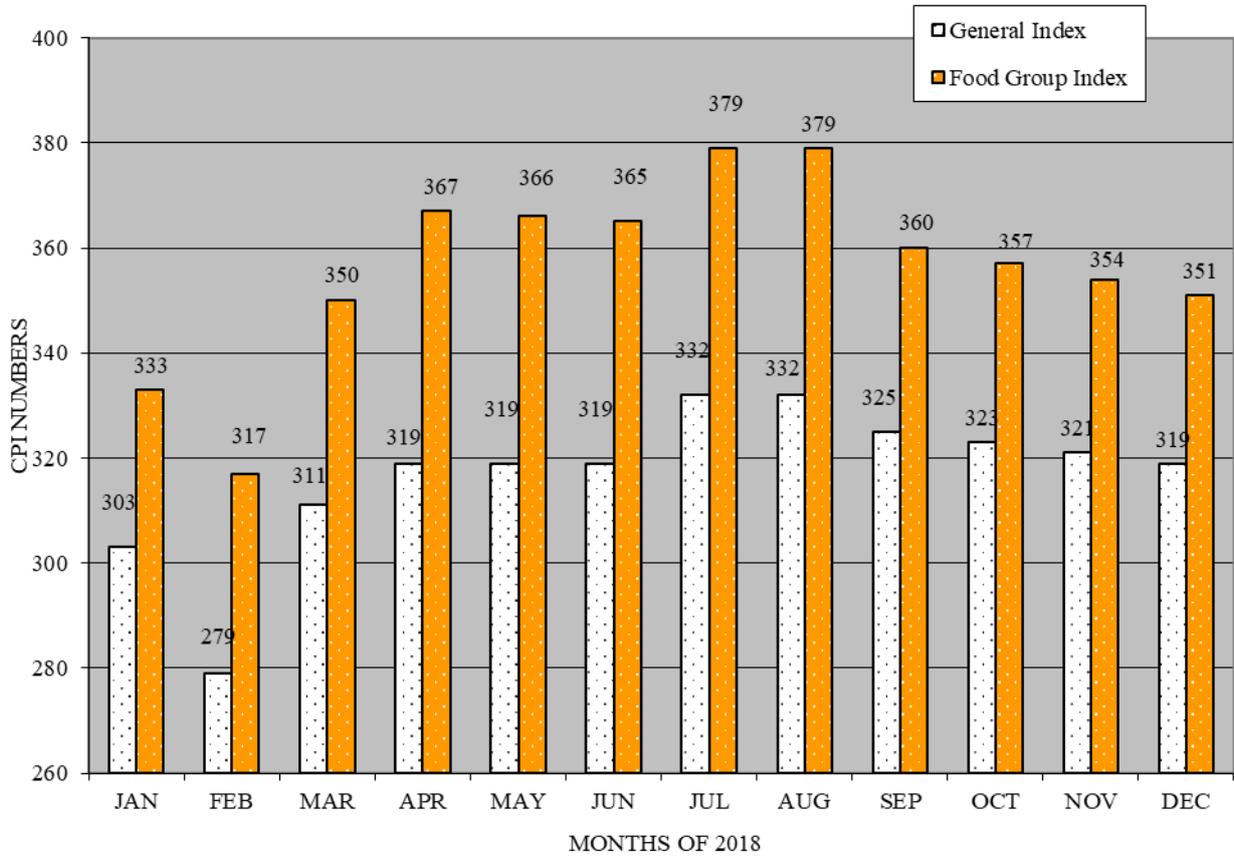




GRAPH - 5
Group-Wise CPI Numbers for Industrial Workers in Goa state for the years 2013-2018
 (Base 2001=100)

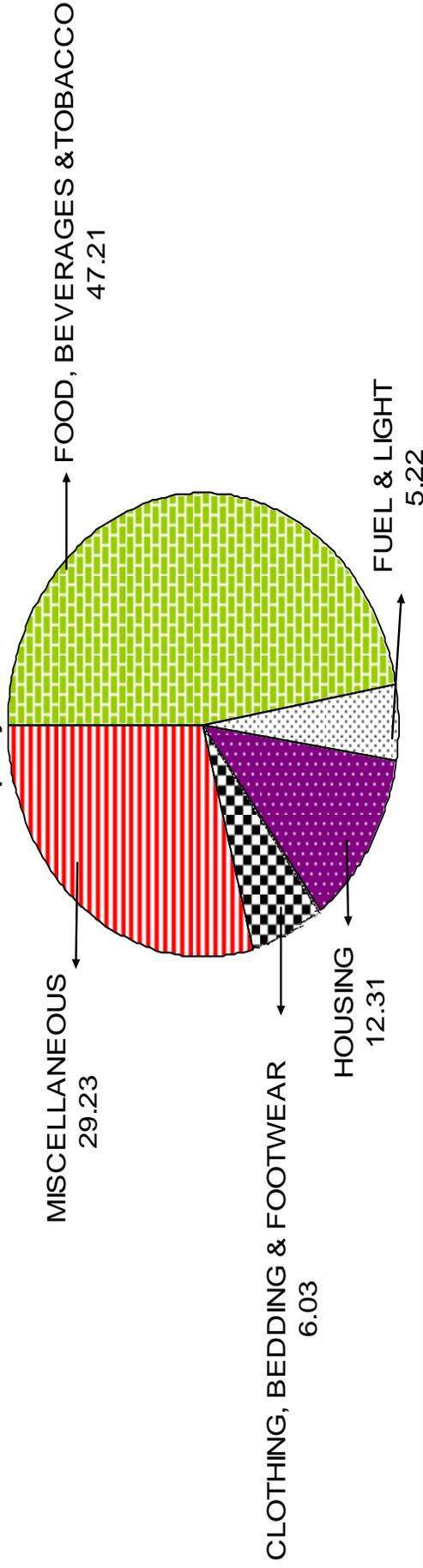


GRAPH - 6
Month-Wise Consumer Price Index Numbers for Industrial Workers in Goa state for
the year 2018
(Base 2001=100)

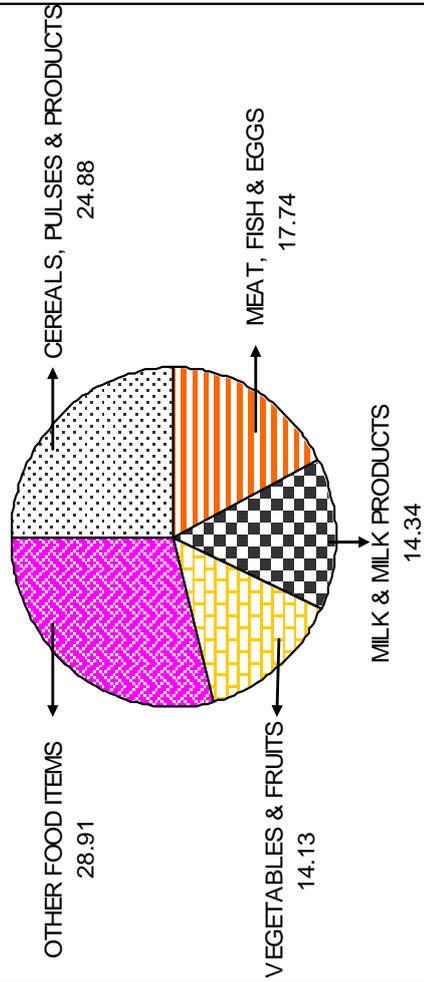


GRAPH - 7

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 Items

