

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 2020 was 2783 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 2020.

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, 2020 was 1922 (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 1822 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 2020. The average yearly indices on Revised Base 1982-83=100 since 2015 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 2020.

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 2020 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
2020**

TABLE NO. I

**Scale of Ration Fixed for Distribution of Different
Commodities during 2020**

Sl. No.	Commodity	Month	Quota Per Card				
			APL	PHH	AAY	ANP	SWIS
1	2	3	4	5	6	7	8
1.	Rice	January & February	(@ Rs.12.50 per kg per card) 10 kg	(@ Rs. 3.00 Per Beneficiary) 5 kg.	(@ Rs.3.00 per kg per card) 35 kg	(Free) per card 10 kg	(@ Rs.6.15 per kg) As Allotted
		March, April & July	8 kg	5 kg	35 kg	10 kg	As Allotted
		May & June	13 kg +5 kg / person free of cost	5 kg +5 kg / beneficiary at free of cost	35 kg +5kg / beneficiary at free of cost	10 kg	As Allotted
		August	10 kg	5 kg +5 kg / beneficiary at free of cost	35 kg +5 kg / beneficiary at free of cost	10 kg+ 5kg / beneficiary at free of cost	As Allotted
		September, October, November & December	8 kg	5 kg +5 kg / beneficiary at free of cost	35 kg +5 kg / beneficiary at free of cost	10 kg+ 5kg / beneficiary at free of cost	As Allotted
2.	Wheat	January & February	(@ Rs.10.00 per kg per card) 7 kg				-- @ Rs. 4.80 As Allotted
		March, April, July, & August	6 kg	---	-		--
		September, October, November & December	4 kg				--
3.	Sugar	January, February, March, April, July, August, September, October, November & December			(@ Rs.13.50/- per kg 1000 gms per person per month		--
		May & June		(@ Rs.13.50 3kg / card	(@ Rs.13.50/- per kg 1000 gms per person per month		
4.	Tur dal	May & June	2 kg / card @ Rs. 83.	3 kg / card at free of cost	3 kg / card at free of cost	2 kg / card @ Rs. 83	
5.	Chana	August		3 kg / card at free of cost	3 kg / card at free of cost		

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
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
2020	5250	1895	6.58	2220	1271	574	1489	2122
January, 20	5194	1875		2184	1256	571	1478	2119
February, 20	5185	1872		2177	1261	571	1476	2119
March, 20	5216	1883		2198	1266	571	1479	2120
April, 20	5221	1885		2199	1274	571	1492	2120
May, 20	5194	1875		2178	1278	571	1492	2121
June, 20	5210	1881		2189	1287	571	1492	2121
July, 20	5227	1887		2204	1261	576	1492	2122
August, 20	5257	1898		2225	1263	576	1493	2122
September, 20	5296	1912		2254	1268	576	1493	2123
October, 20	5329	1924		2279	1275	576	1493	2124
November, 20	5341	1928		2284	1276	576	1494	2128
December, 20	5324	1922		2271	1283	576	1494	2129

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: 2016 = 100 w.e.f. Oct. 2020

Year	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 (1982=100)	Revised (2001=100)	Revised (2016=100)							
1	2*	2(a)**	2(b)***		3	4	5	6	7	8	9
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
2020	6670	1962	351		5.72	388	316	289	454	272	289
Jan, 20	6519	1917	343			384	273	268	451	249	259
Feb., 20	6462	1901	340			375	275	271	451	249	258
Mar. 20	6519	1917	343			381	275	277	451	249	258
Apr. 20	6614	1945	348			392	275	271	451	249	258
May, 20	6614	1945	348			395	275	256	451	249	259
Jun, 20	6652	1957	350			397	277	264	451	251	259
Jul, 20	6747	1984	355			397	279	267	457	251	261
Aug. 20	6728	1979	354			398	279	271	457	251	261
Sept. 20	6690	1968	352	110		374	384	321	457	329	347
Oct., 20	6812	2003	358	112		382	399	321	457	330	347
Nov., 20	6812	2003	358	112		388	408	329	457	304	348
Dec., 20	6873	2021	362	113		394	397	356	457	304	349

* Converted on Old Base with conversion factor 3.40

* *Converted on Old Base with conversion factor 5.59

*** Converted on Old Base with conversion factor 3.20

Base:2016=100 w.e.f. October 2020

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
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
2020	3487.50	2948.75	2953.33	7164.42	4618.75	7720.42	2450.00	1929.17
January, 20	3450	2900	2900	7123	4615	7715	2400	1900
February, 20	3450	2930	2900	7150	4615	7715	2400	1900
March, 20	3450	2930	2950	7150	4615	7715	2400	1900
April, 20	3475	2945	2950	7150	4620	7715	2400	1930
May, 20	3475	2945	2900	7150	4620	7720	2450	1930
June, 20	3500	2945	2900	7150	4620	7720	2450	1930
July, 20	3500	2955	2970	7170	4620	7720	2450	1930
August, 20	3500	2955	2970	7170	4620	7725	2450	1930
September, 20	3525	2960	3000	7190	4620	7725	2500	1950
October, 20	3450	2960	3000	7190	4620	7725	2500	1950
November, 20	3525	2970	3000	7190	4620	7725	2500	1950
December, 20	3550	2990	3000	7190	4620	7725	2500	1950

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
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
2020	1388.33	18100	15666.67	2331.67	3826.67	13895.83	3741.67	4241.67
January, 20	1380	18000	15500	2300	4050	13500	3700	4200
February, 20	1380	18000	15500	2300	4050	13500	3700	4200
March, 20	1380	18000	15500	2300	4000	13500	3700	4200
April, 20	1380	18000	15500	2320	4000	13500	3700	4200
May, 20	1380	18200	15600	2320	3900	14000	3700	4200
June, 20	1380	18200	15600	2320	3850	14000	3700	4200
July, 20	1380	18200	15800	2350	3890	14000	3750	4200
August, 20	1400	18200	15800	2350	3560	14250	3750	4300
September, 20	1400	18200	15800	2350	3580	14250	3800	4300
October, 20	1400	18000	15800	2350	3670	14250	3800	4300
November, 20	1400	18000	15800	2350	3670	14000	3800	4300
December, 20	1400	18200	15800	2370	3700	14000	3800	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
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
2020	3591.67	3146.67	3124.17	7283.33	5303.33	8437.5	2212.5	2391.67
January, 20	3500	3100	3000	7270	4750	7750	2100	2300
February, 20	3500	3100	3000	7270	4750	7750	2100	2300
March, 20	3550	3100	3100	7150	4820	7800	2100	2300
April, 20	3550	3100	3100	7150	4820	7800	2200	2300
May, 20	3600	3140	3100	7280	5000	8000	2200	2400
June, 20	3600	3140	3150	7280	5000	8000	2200	2400
July, 20	3600	3140	3150	7250	5500	8500	2200	2400
August, 20	3600	3170	3150	7250	5500	8500	2250	2400
September, 20	3650	3170	3180	7300	5500	9000	2300	2400
October, 20	3650	3200	3180	7400	6000	9350	2300	2500
November, 20	3650	3200	3180	7400	6000	9350	2300	2500
December, 20	3650	3200	3200	7400	6000	9450	2300	2500

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
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
2020	1417.5	18083.33	15966.67	2342.5	3983.33	14533.33	3683.33	4258.33
January, 20	1410	17500	15800	2310	4200	14000	3600	4250
February, 20	1410	17500	15800	2310	4200	14000	3600	4250
March, 20	1410	18000	15800	2310	4100	14500	3700	4250
April, 20	1410	18000	15800	2310	4100	14500	3700	4250
May, 20	1410	18000	15800	2310	4050	14500	3700	4200
June, 20	1410	18000	16000	2405	4050	14500	3700	4200
July, 20	1425	18000	16000	2405	3800	14600	3700	4200
August, 20	1425	18000	16000	2350	3800	14600	3700	4300
September, 20	1425	18500	16000	2350	3800	14600	3700	4300
October, 20	1425	18500	16200	2350	3850	14600	3700	4300
November, 20	1425	18500	16200	2350	4000	15000	3700	4300
December, 20	1425	18500	16200	2350	3850	15000	3700	4300

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
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
2020	3495.83	3191.67	2983.33	7168.33	4679.17	7806.25	2391.67	1943.33
January, 20	3500	3200	3000	7125	4630	7725	2300	1950
February, 20	3500	3200	3000	7125	4630	7725	2300	1950
March, 20	3450	3200	3000	7125	4630	7725	2300	1900
April, 20	3450	3300	3000	7125	4660	7750	2300	1900
May, 20	3450	3300	3000	7160	4660	7750	2400	1900
June, 20	3500	3300	3000	7160	4700	7800	2400	1950
July, 20	3500	3000	3000	7200	4700	7800	2400	1950
August, 20	3500	3000	2900	7200	4700	7800	2400	1960
September, 20	3500	3200	2900	7200	4720	7900	2450	1960
October, 20	3500	3200	3000	7200	4720	7900	2450	1980
November, 20	3550	3200	3000	7200	4700	7900	2500	1960
December, 20	3550	3200	3000	7200	4700	7900	2500	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
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
2020	1391.67	18083.33	16066.67	2329.17	3476.67	14658.33	3683.33	4333.33
January, 20	1380	18200	16000	2300	3400	14500	3700	4300
February, 20	1380	18200	16000	2300	3400	14300	3700	4300
March, 20	1380	18000	15800	2400	3400	14400	3700	4300
April, 20	1380	18100	15800	2400	3450	14350	3600	4300
May, 20	1400	18100	16000	2300	3450	14500	3600	4400
June, 20	1400	17900	16100	2300	3500	14500	3650	4300
July, 20	1400	17900	16200	2300	3500	15000	3650	4300
August, 20	1400	18000	16100	2300	3500	15000	3700	4300
September, 20	1400	18100	16200	2350	3500	15000	3750	4400
October, 20	1400	18100	16200	2350	3580	14600	3750	4350
November, 20	1400	18200	16200	2350	3540	14750	3700	4350
December, 20	1380	18200	16200	2300	3500	15000	3700	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
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
2020	12.50	61.01	40.10	10.00	37.09	98.92	81.47	101.66	191.99
January, 20	12.50	61.31	39.26	10.00	36.69	96.63	76.13	96.25	188.75
February, 20	12.50	61.56	39.33	10.00	36.81	97.22	77.38	96.34	188.75
March, 20	12.50	60.38	39.41	10.00	37.25	97.53	76.91	96.03	191.25
April, 20	12.50	59.48	40.40	10.00	37.56	99.27	80.48	102.05	191.25
May, 20	12.50	59.69	40.73	10.00	37.13	98.57	82.84	103.92	192.50
June, 20	12.50	58.86	39.71	10.00	37.21	97.77	83.2	105.06	192.50
July, 20	12.50	60.00	39.92	10.00	37.29	96.67	82.37	103.99	192.97
August, 20	12.50	61.04	40.67	10.00	37.35	97.10	82.66	104.28	191.25
September, 20	12.50	61.77	40.62	10.00	37.24	99.16	84.34	104.48	191.25
October, 20	12.50	62.76	40.76	10.00	37.24	101.98	85.00	104.23	191.88
November, 20	12.50	62.76	40.93	10.00	37.34	104.93	86.50	104.66	193.75
December, 20	12.50	62.19	39.44	10.00	36.02	100.22	79.78	98.67	197.81

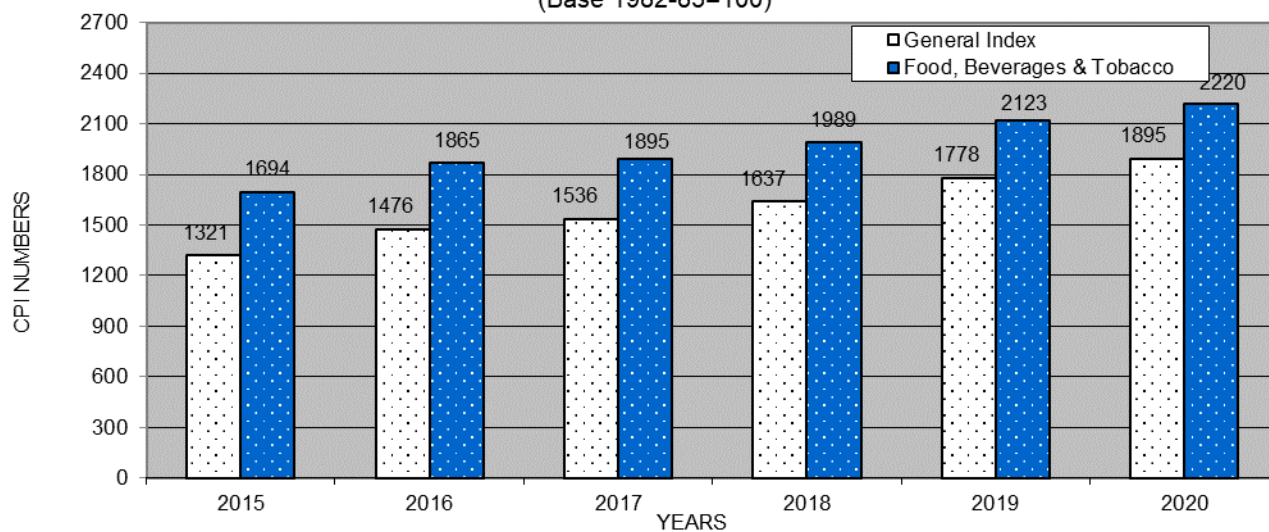
TABLE VII (Concluded)**(In Rupees)**

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.
1	11	12	13	14	15	16	Fair Price Medium Quality Kg.	Open market Medium Quality Kg.	19	20
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
2020	196.95	113.32	222.32	38.07	53.74	24.78	13.50	39.78	52.68	396.14
January, 20	195.94	110.67	205.00	33.11	66.69	22.84	13.50	39.44	51.88	395.38
February, 20	196.00	110.69	202.50	34.38	69.13	23.34	13.50	39.50	51.88	394.75
March, 20	196.00	111.00	205.00	34.38	69.13	23.19	13.50	39.56	51.88	395.63
April, 20	196.63	112.52	214.19	35.70	55.37	23.70	13.50	39.84	52.02	394.75
May, 20	196.63	113.45	226.57	36.34	36.33	25.05	13.50	39.88	51.63	395.38
June, 20	196.25	114.75	231.16	39.81	36.17	24.81	13.50	39.96	52.89	396.50
July, 20	197.03	114.76	230.09	40.51	39.11	24.83	13.50	40.07	52.89	397.63
August, 20	196.88	114.15	228.78	40.08	46.56	25.78	13.50	39.97	52.76	396.88
September, 20	196.88	114.40	229.89	40.66	51.85	25.03	13.50	39.89	53.03	397.00
October, 20	196.88	113.99	232.67	42.43	58.61	26.81	13.50	39.73	53.48	396.88
November, 20	197.13	116.28	238.66	39.00	54.94	27.33	13.50	39.82	53.44	396.38
December, 20	201.19	113.13	223.28	40.42	60.64	24.69	13.50	39.69	54.43	396.50

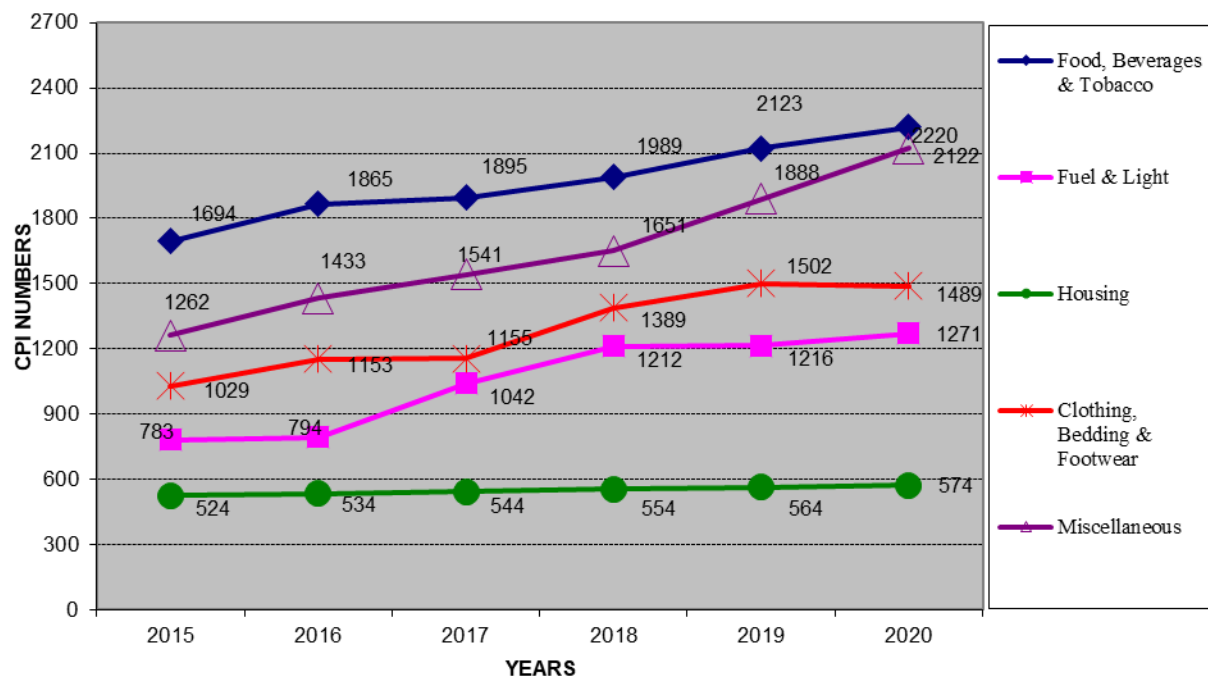
**CONSUMER PRICE INDEX
NUMBERS
IN GOA STATE**

**GRAPHICAL
ANALYSIS**

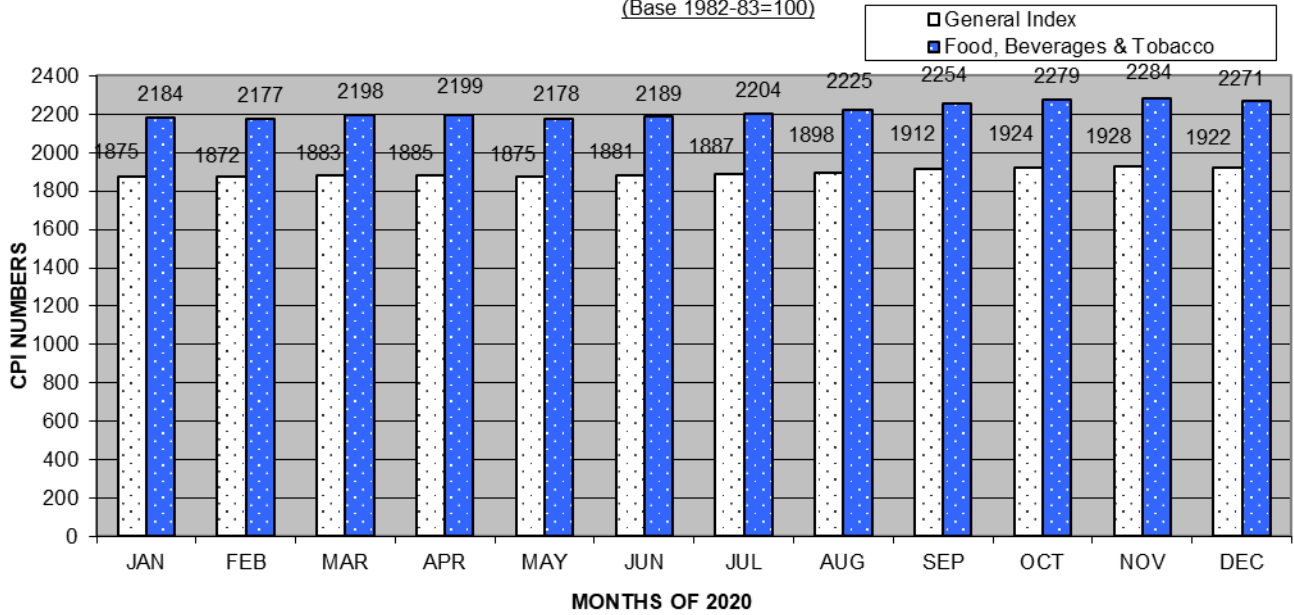
GRAPH - 1
Consumer Price Index for the Middle Class Non- Manual Employees in
Goa State for the years 2015-2020
(Base 1982-83=100)



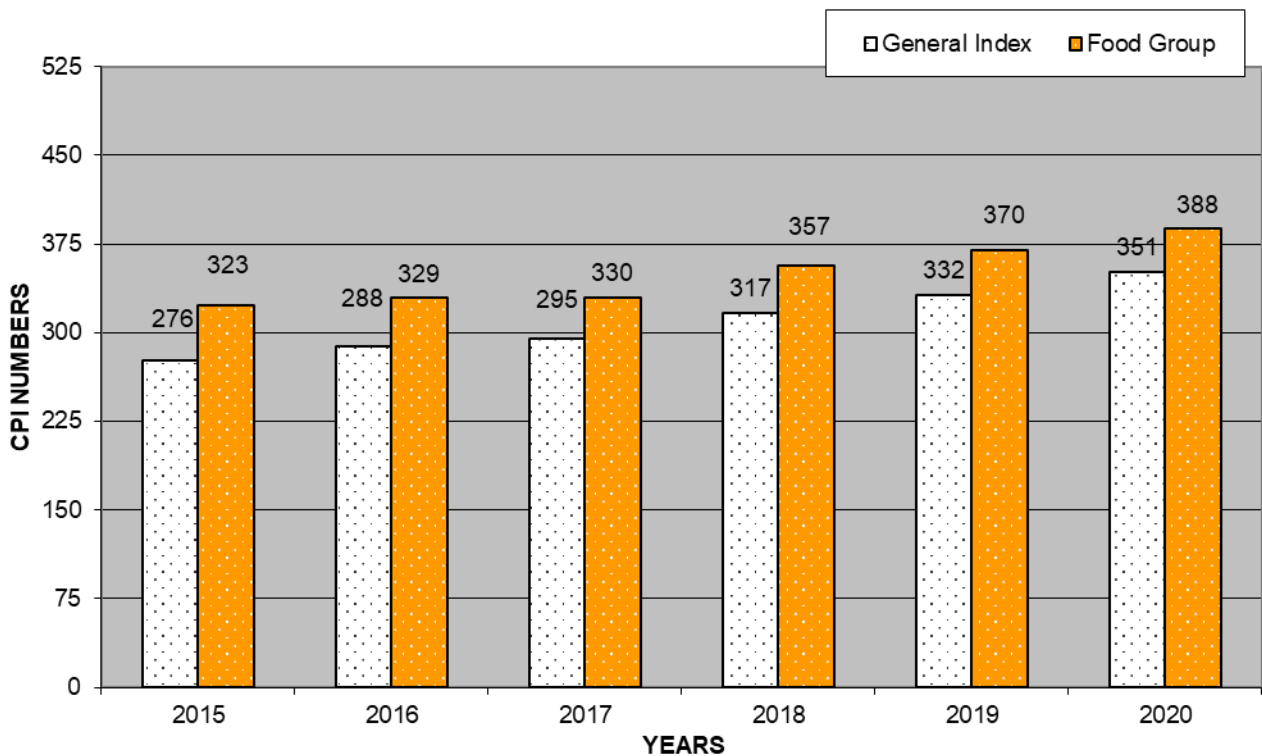
GRAPH - 2
Group-Wise CPI Numbers for the Middle Class Non-Manual Employees in
Goa state for the years 2015-2020
(Base 1982-83=100)



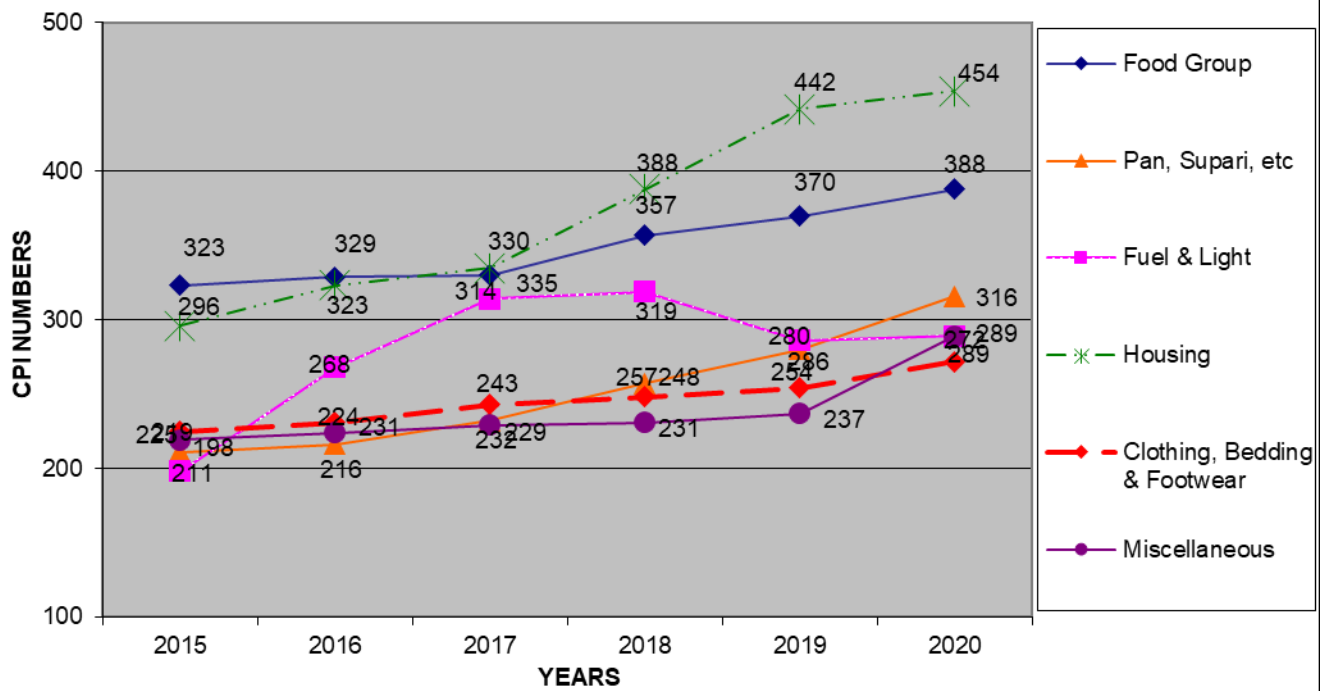
GRAPH - 3
Month-Wise Consumer Price Index Numbers for the Middle Class Non-Manual Employees in Goa state for the year 2020
 (Base 1982-83=100)



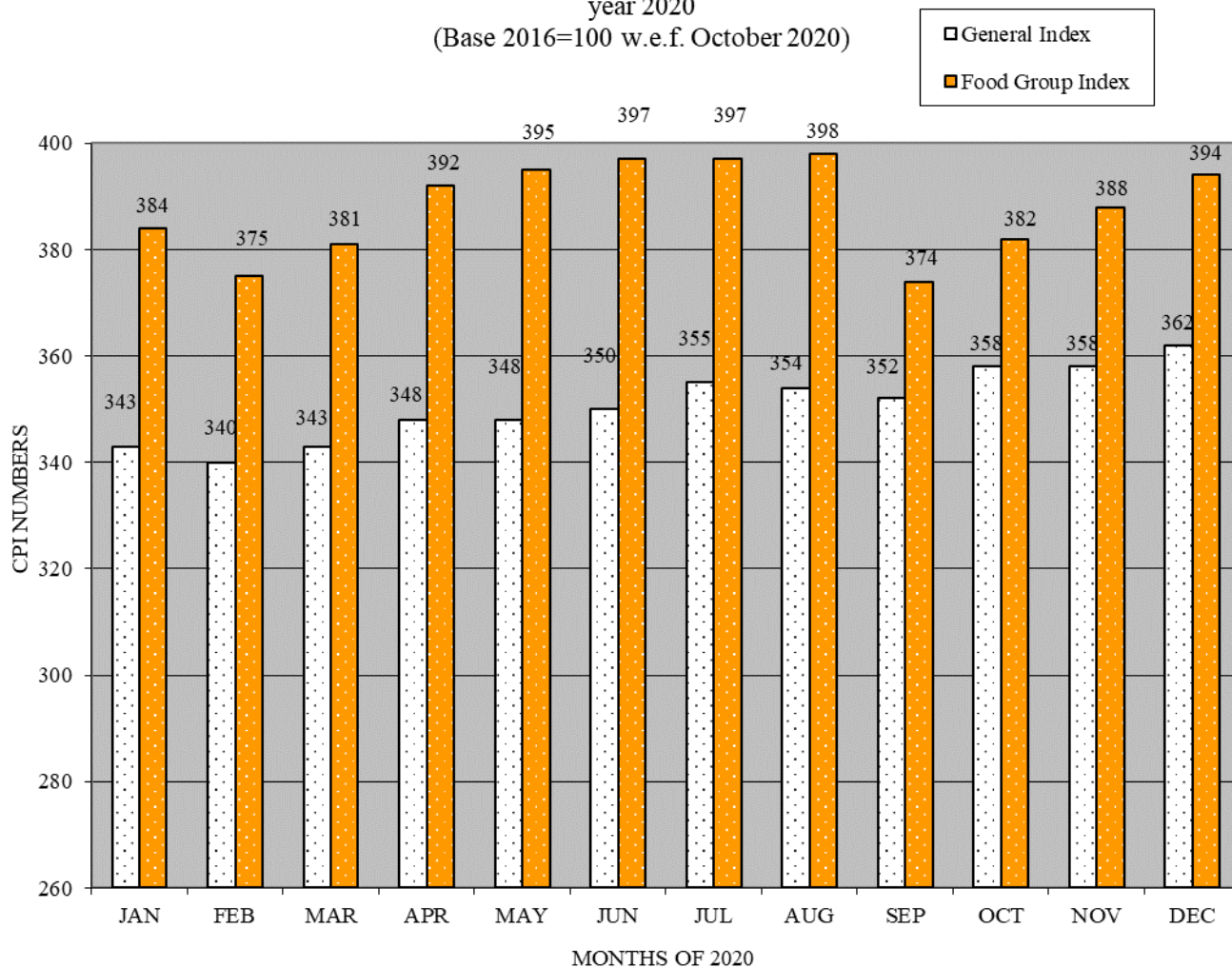
GRAPH - 4
Consumer Price Index Numbers for Industrial Workers in Goa state for the years 2015-2020
 (Base 2001=100)



GRAPH - 5
Group-Wise CPI Numbers for Industrial Workers in Goa state for the years 2015-2020
 (Base 2001=100)

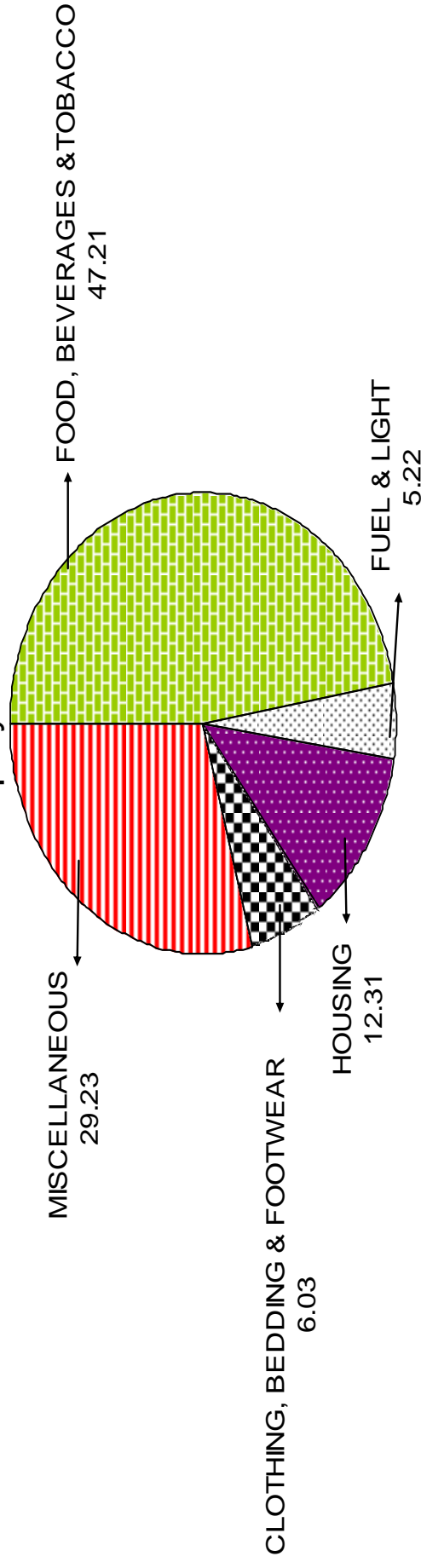


GRAPH - 6
Month-Wise Consumer Price Index Numbers for Industrial Workers in Goa state for the
year 2020
 (Base 2016=100 w.e.f. October 2020)

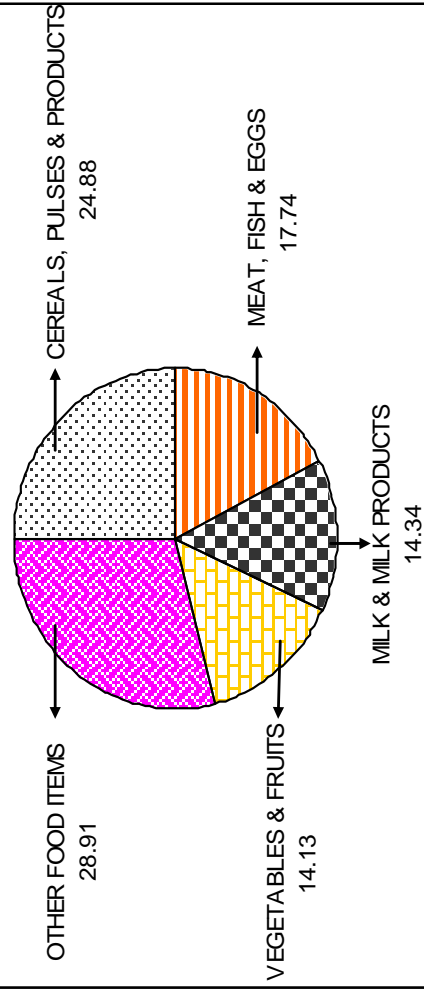


GRAPH - 7

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

