



GOVERNMENT OF GOA

PRICE TRENDS IN GOA STATE 2023



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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 related decisions. Government as well as Private Organizations/Agencies too depend on Price Statistics for fixation of wages and various other allowances and for its future planning.

The present publication on “Price Trends” being 41st in the series, gives the trends in the movement of retail and wholesale prices for some of the essential commodities in Goa State during the year 2023 and also presents the yearly average prices from the year 2018 onwards.

Based on the Index Numbers compiled by this Directorate for the Middle Class Non-Manual Employees with Old Base and Revised Base provided by the Labour Bureau, Shimla for Industrial Workers, the General Index with Old Base (1982=100) and Revised Base (2001=100 & 2016=100), an analysis of the price trends has been attempted.

This publication will hopefully 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, Government Departments etc. in making available the requisite data is gratefully acknowledged. The Staff working for the Price Division deserves special mention as they have contributed immensely in terms of collection, compilation, computation and finalization of this report.

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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 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 2022-23, an estimated 1,25,473 hectares of area is under forest and the net area sown is 1,25,503 hectares. The State of Goa is situated on the West Coast of the India. The State is endowed with rainfall from the South – West monsoon and the rainfall recorded for the capital of the State i.e. Panaji for the year 2023 was 3646.3 mm.

1.2 The total population of the State, according to the Population Census 2011 was 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. km. The density of population in North Goa is 466 persons per sq. km as against 329 persons per sq. km. in South Goa District.

1.3 The Government implements the Public Distribution System (PDS) in order to control the prices and ensure equitable distribution of the essential commodities to the people at reasonable rates through a number of fair price shops. The scale of ration fixed for distribution for the year 2023 is shown in Table – I.

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 the 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 the year 2023 was 2275 (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 2175 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 Also, this Index does not 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

3.1 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 outdated. 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 Centre's namely Panaji, Mapusa, Vasco and Margao 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 2023. The average yearly indices on Revised Base 1982-83=100 since 2018 are also given in the same table.

4. CPI NOS. FOR INDUSTRIAL WORKERS IN GOA

4.1 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 2015-16, the old series was replaced with the latest series with base 2016=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 Centre's selected for the survey are Margao, Vasco, Ponda, Panaji 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, Chandigarh. The average yearly indices on revised base 2016=100 of the Industrial Workers in Goa have been given in Table III for the year 2023.

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 2023 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.



STATISTICAL TABLES

TABLE I
Scale of Ration Fixed for Distribution of
Different Commodities during 2023

Sl. No	Commodity	Months	Quota Per card			
			APL	PHH	AAY	SWIS
	2	3	4	5	6	8
1.	Rice	January	(@Rs. 12.50 per Kg) 12 Kg per card	(@ Rs 3.00 per Kg) 5 Kg per Beneficiary	(@ Rs. 3.00 per Kg) 35 Kg per card	(@ Rs. 6.15 per Kg) As Allotted
		February, March, April & May	(@Rs. 12.50 per Kg) 8 Kg per card	5 Kg per Beneficiary (Free of cost)	35 Kg per card (Free of Cost)	As Allotted
		June, July, August, September, October, November & December	(@Rs. 12.50 per Kg) 10 Kg per card	5 Kg per Beneficiary (Free of Cost)	35 Kg per card (Free of cost)	As Allotted
2.	Wheat	January	(@ Rs 10.00 per kg) 8 Kg per card	NIL	NIL	@Rs. 4.80 per Kg As allotted
		February March & April	(@ Rs 10.00 per kg) 6 Kg per card	NIL	NIL	As Allotted
		May, June, July, August, September, October, November & December	(@ Rs 10.00 per kg) 5 Kg per card	NIL	NIL	As allotted

Abbreviation: APL – Above Poverty Line
PHH – Priority Household
AAY – Antodaya Anna Yojana
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
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
2021	5557	2006	5.85	2413	1355	584	1671	2132
2022	6021	2174	8.37	2496	1467	589	1596	2567
2023	6302	2275	4.65	2535	1589	599	1655	2811
January, 23	6086	2197	-----	2455	1541	596	1586	2697
February, 23	6102	2203	-----	2472	1546	596	1585	2690
March, 23	6122	2210	-----	2467	1563	596	1589	2716
April, 23	6144	2218	-----	2473	1577	596	1588	2736
May, 23	6227	2248	-----	2497	1591	596	1653	2782
June, 23	6274	2265	-----	2521	1618	596	1657	2797
July, 23	6360	2296	-----	2549	1630	601	1679	2847
August, 23	6374	2301	-----	2554	1611	601	1686	2859
September, 23	6415	2316	-----	2570	1603	601	1699	2882
October, 23	6476	2338	-----	2604	1619	601	1712	2898
November, 23	6521	2354	-----	2633	1582	601	1717	2913
December, 23	6523	2355	-----	2631	1582	601	1714	2918

Converted on Old Base with conversion factor 2.77

Source: Directorate of Planning, Statistics & Evaluation, Govt. of Goa, Porvorim - Goa.

TABLE III
Consumer Price Index for the Industrial Workers in Goa

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

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 (1982=100)	Revised (2001=100)	Revised (2016=100)							
1	2*	2(a)**	2(b)***		3	4	5	6	7	8	9
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
2021	7170.00	2109.00	377.00	118.00	7.40	125	121	129	106	107	117
2022	7620.14	2241.22	400.93	125.29	6.18	131.6	121.92	150.4	110.65	114.1	125.26
2023	7899.91	2323.50	415.65	129.89	3.67	137.2	121.82	154.5	120.30	114.57	126.08
Jan. 23	7784.86	2289.66	409.60	128.0	-----	133.2	121.9	157.2	118.7	114.3	125.9
Feb.. 23	7790.94	2291.45	409.92	128.1	-----	133.4	121.9	157.2	118.7	114.3	125.9
Mar. 23	7815.27	2298.61	411.20	128.5	-----	133.9	121.2	162.8	118.7	114.3	125.9
Apr..23	7815.27	2298.61	411.20	128.5	-----	134.0	121.2	162.8	118.7	114.3	125.9
May. 23	7809.19	2296.82	410.88	128.4	-----	133.8	121.9	162.8	118.7	114.3	125.9
Jun. 23	7851.76	2309.34	413.12	129.1	-----	135.3	121.9	162.8	118.7	114.3	125.9
Jul. 23	7973.40	2345.12	419.52	131.1	-----	138.8	121.9	162.8	121.9	114.3	125.9
Aug. 23	8003.81	2354.06	421.12	131.6	-----	139.9	121.9	162.8	121.9	114.3	125.9
Sept. 23	7961.23	2341.54	418.88	130.9	-----	140.0	122.0	140.7	121.9	115.1	126.4
Oct., 23	7985.56	2348.69	420.16	131.3	-----	141.1	122.0	140.7	121.9	115.1	126.4
Nov., 23	8003.81	2354.06	421.12	131.6	-----	141.6	122.0	140.7	121.9	115.1	126.4
Dec., 23	8003.81	2354.06	421.12	131.6	-----	141.5	122.0	140.7	121.9	115.1	126.5

* 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, Ministry of Labour & Employment, Govt. of India, Chandigarh.

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
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
2021	3408.33	3026.27	3033.33	9798.33	9685.00	9858.33	2606.92	2412.50
2022	3579.16	3202.50	3362.50	9812.50	7920.83	8639.58	2823.75	2615.58
2023	4027.98	3632.04	3624.46	13097.83	6909.34	10396.75	2852.08	2890.58
January, 23	3871.43	3478.57	3671.43	10638.10	6935.71	8678.57	2825.00	2690.00
February, 23	3800.00	3350.00	3800.00	10317.50	6750.00	9330.00	2860.00	2690.00
March, 23	3800.00	3350.00	3787.50	10707.50	6775.00	9400.00	2860.00	2740.00
April, 23	3800.00	3350.00	3486.11	11650.00	6562.50	10475.00	2800.00	2820.00
May, 23	3800.00	3350.00	3422.73	11959.09	6421.43	10557.14	2800.00	2940.00
June, 23	3820.00	3370.00	3526.19	13400.00	6300.00	10500.00	2840.00	2980.00
July, 23	4080.00	3512.00	3550.00	13488.10	6250.00	10500.00	2840.00	3040.00
August, 23	4200.00	3782.00	3570.45	13909.09	6411.11	10555.56	2900.00	3040.00
September, 23	4200.00	3963.00	3600.00	15078.95	7133.33	10983.33	2860.00	2975.00
October, 23	4200.00	4050.00	3600.00	15302.63	7177.78	11194.44	2880.00	2940.00
November, 23	4314.29	4028.57	3676.32	15486.84	7628.57	11278.57	2900.00	2962.00
December, 23	4450.00	4000.00	3802.78	15236.11	8566.67	11308.33	2860.00	2870.00

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
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	18100.00	15666.67	2331.67	3826.67	13895.83	3741.67	4241.67
2021	1716.67	19011.70	16162.50	2345.83	3020.83	15958.33	3415.83	4108.33
2022	1727.67	23479.17	15358.33	2391.83	2456.83	11925.00	3648.17	4263.50
2023	1747.08	32829.17	16254.17	2444.31	2721.72	17970.83	3830.38	4384.54
January, 23	1600.00	31000.00	17350.00	2742.86	2578.57	17500.00	3651.43	4276.19
February, 23	1635.00	31200.00	17600.00	2410.00	2260.00	17500.00	3605.00	4270.00
March, 23	1635.00	32400.00	17900.00	2162.50	1750.00	17800.00	3570.00	4240.00
April, 23	1670.00	33200.00	17900.00	2050.00	1650.00	18000.00	3716.67	4261.11
May, 23	1670.00	33000.00	17800.00	2271.43	1614.29	18000.00	3789.55	4316.64
June, 23	1725.00	33300.00	17550.00	2460.00	1770.00	17900.00	3814.29	4338.10
July, 23	1725.00	33500.00	16400.00	2650.00	2040.00	17650.00	3840.48	4350.00
August, 23	1725.00	33350.00	16500.00	2650.00	2420.00	17650.00	3887.05	4413.64
September, 23	1845.00	33600.00	14500.00	2550.00	2800.00	18000.00	3973.95	4526.32
October, 23	1885.00	33200.00	14100.00	2527.78	3994.44	18400.00	4035.79	4500.00
November, 23	1925.00	33000.00	13800.00	2407.14	5450.00	18650.00	4050.00	4544.74
December, 23	1925.00	33200.00	13650.00	2450.00	4333.33	18600.00	4047.50	4577.78

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
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
2021	3462.50	3197.17	3057.83	9562.50	9691.67	9879.17	2481.25	2429.17
2022	3661.75	3143.25	3250.00	9635.58	7322.17	8607.00	2656.25	2575.00
2023	4142.57	5245.83	3592.99	13087.08	7435.42	10322.85	2899.16	2874.79
January, 23	4087.50	4550.00	3662.50	10437.50	6950.00	8762.50	2800.00	2625.00
February, 23	3950.00	4500.00	3750.00	10562.50	6950.00	9300.00	2800.00	2625.00
March, 23	3980.00	4500.00	3540.00	11270.00	7100.00	9330.00	2850.00	2820.00
April, 23	3933.33	4500.00	3433.33	11450.00	7100.00	10416.67	2850.00	2820.00
May, 23	3950.00	5850.00	3460.00	11840.00	7450.00	10870.00	2880.00	2820.00
June, 23	4100.00	5850.00	3562.50	13387.50	7450.00	10712.50	2880.00	3040.00
July, 23	4112.50	4850.00	3612.50	13512.50	6950.00	10137.50	2880.00	3040.00
August, 23	4180.00	4850.00	3560.00	13460.00	7150.00	10270.00	2950.00	3040.00
September, 23	4175.00	5850.00	3587.50	14250.00	8250.00	10937.50	2950.00	2962.50
October, 23	4237.50	5850.00	3675.00	15125.00	8000.00	11162.50	2950.00	2962.50
November, 23	4430.00	5850.00	3610.00	16250.00	8000.00	11000.00	3000.00	2962.50
December, 23	4575.00	5950.00	3662.50	15500.00	7875.00	10975.00	3000.00	2780.00

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
2018	1402.5	17368.33	15218.33	1908.33	1773.33	13766.7	3755.00	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
2021	1733.33	18504.77	16208.33	2365.00	3050.83	15827.15	3409.17	4133.33
2022	1730.17	23833.33	15233.33	2624.67	2490.08	10541.67	3636.5	4168.58
2023	1822.50	33050.00	16125.00	2629.167	2591.667	15983.33	3826.61	4334.24
January, 23	1700.00	32100.00	17750.00	2350.00	2600.00	15500.00	3587.50	4162.50
February, 23	1725.00	31800.00	17900.00	2450.00	2600.00	15800.00	3580.00	4175.00
March, 23	1775.00	32600.00	17900.00	2450.00	2450.00	16000.00	3570.00	4170.00
April, 23	1780.00	33600.00	17900.00	2450.00	2450.00	15800.00	3733.33	4233.33
May, 23	1790.00	33400.00	17900.00	2100.00	1750.00	16200.00	3802.00	4280.00
June, 23	1845.00	33200.00	17750.00	2100.00	1750.00	16000.00	3807.50	4300.00
July, 23	1825.00	33600.00	16500.00	3000.00	2400.00	16400.00	3853.75	4350.00
August, 23	1800.00	33800.00	16500.00	3000.00	2400.00	16200.00	3906.00	4360.00
September, 23	1850.00	33600.00	13350.00	2850.00	3200.00	15800.00	4003.75	4450.00
October, 23	1900.00	33000.00	13300.00	2900.00	3200.00	16100.00	4042.50	4500.00
November, 23	1950.00	33100.00	13300.00	2900.00	3200.00	16000.00	4018.00	4480.00
December, 23	1930.00	32800.00	13450.00	3000.00	3100.00	16000.00	4015.00	4550.00

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
2018	3016.67	2688.33	2969.17	6973.33	3986.67	7076.67	2062.50	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
2021	3529.17	3267.92	3152.82	9668.33	9654.17	9887.50	2546.25	2420.93
2022	3695.83	3183.33	3158.33	9866.58	7940.92	9140.50	2638.75	2570.83
2023	3764.38	3793.75	3623.33	12918.06	6833.33	10286.46	2880.00	2804.17
January, 23	3700.00	3625.00	3475.00	10250.00	6300.00	9375.00	2750.00	2650.00
February, 23	3700.00	3700.00	3700.00	10666.67	7100.00	9750.00	2800.00	2650.00
March, 23	3700.00	3700.00	3700.00	10800.00	6900.00	9750.00	2850.00	2700.00
April, 23	3700.00	3700.00	3700.00	11000.00	6550.00	10375.00	2850.00	2760.00
May, 23	3700.00	3700.00	3700.00	11000.00	6600.00	10250.00	2880.00	2760.00
June, 23	3700.00	3700.00	3340.00	12300.00	6550.00	10750.00	2880.00	2800.00
July, 23	3760.00	3900.00	3265.00	13375.00	6850.00	10500.00	2900.00	2860.00
August, 23	3820.00	3900.00	3500.00	13875.00	6850.00	10750.00	2900.00	2840.00
September, 23	3820.00	3900.00	3725.00	14250.00	6850.00	10187.50	2900.00	2900.00
October, 23	3820.00	3900.00	3800.00	15000.00	7150.00	10437.50	2950.00	2850.00
November, 23	3852.50	3900.00	3785.00	16250.00	7150.00	10812.50	2950.00	2900.00
December, 23	3900.00	3900.00	3790.00	16250.00	7150.00	10500.00	2950.00	2980.00

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
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
2021	1725.00	18758.33	16225.00	2370.83	3079.17	15521.25	3435.83	4158.33
2022	1717.33	24425.00	15229.17	2709.25	2468.92	11537.50	3715.17	4271.17
2023	1807.50	32940.00	16595.83	2566.667	2356.25	14225.00	3892.02	4303.96
January, 23	1675.00	31100.00	17500.00	2575.00	2500.00	13500.00	3787.50	4525.00
February, 23	1675.00	32000.00	17800.00	2350.00	2650.00	13500.00	3650.00	4100.00
March, 23	1725.00	33080.00	17900.00	2100.00	1650.00	14000.00	3655.00	4260.00
April, 23	1725.00	33100.00	17900.00	2450.00	1900.00	14000.00	3756.25	4225.00
May, 23	1775.00	33400.00	17900.00	2450.00	1625.00	14200.00	3800.00	4225.00
June, 23	1775.00	33400.00	17750.00	2450.00	1900.00	14200.00	3880.00	4250.00
July, 23	1845.00	33700.00	17000.00	2575.00	2300.00	14200.00	3976.25	4575.00
August, 23	1845.00	33600.00	16800.00	2575.00	2300.00	14500.00	3990.00	4337.50
September, 23	1845.00	32800.00	16200.00	2575.00	2300.00	13800.00	3990.00	4250.00
October, 23	1935.00	33300.00	14100.00	2900.00	3050.00	14600.00	4018.75	4250.00
November, 23	1935.00	33200.00	14800.00	2900.00	3050.00	15200.00	4087.50	4350.00
December, 23	1935.00	32600.00	13500.00	2900.00	3050.00	15000.00	4113.00	4300.00

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
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
2021	12.50	60.11	40.79	10.00	37.21	111.24	97.95	111.09	194.60
2022	12.50	64.36	41.83	10.00	38.65	114.94	97.62	112.51	190.72
2023	12.50	69.16	46.82	10.00	41.56	143.21	86.23	123.15	210.87
January, 23	12.50	63.59	44.75	10.00	43.00	125.63	82.50	121.72	218.59
February, 23	12.50	66.25	45.69	10.00	39.22	124.69	82.92	112.73	203.13
March, 23	12.50	63.36	44.36	10.00	38.81	119.47	84.27	112.41	199.92
April, 23	12.50	66.48	45.41	10.00	41.52	125.47	83.52	117.44	202.19
May, 23	12.50	64.63	46.41	10.00	42.00	126.28	83.75	119.41	200.63
June, 23	12.50	66.34	46.49	10.00	41.44	128.63	83.28	119.98	209.13
July, 23	12.50	67.73	47.00	10.00	41.81	140.47	85.00	119.22	216.09
August, 23	12.50	71.00	46.69	10.00	41.95	146.42	84.75	119.06	214.38
September, 23	12.50	72.50	47.28	10.00	41.00	156.88	88.25	126.38	214.38
October, 23	12.50	72.50	47.84	10.00	41.28	159.69	89.69	127.34	214.14
November, 23	12.50	78.75	50.56	10.00	42.22	180.70	92.11	131.88	215.16
December, 23	12.50	76.76	49.41	10.00	44.45	184.19	94.75	150.25	222.75

TABLE VII (Concluded)

(In Rupees)

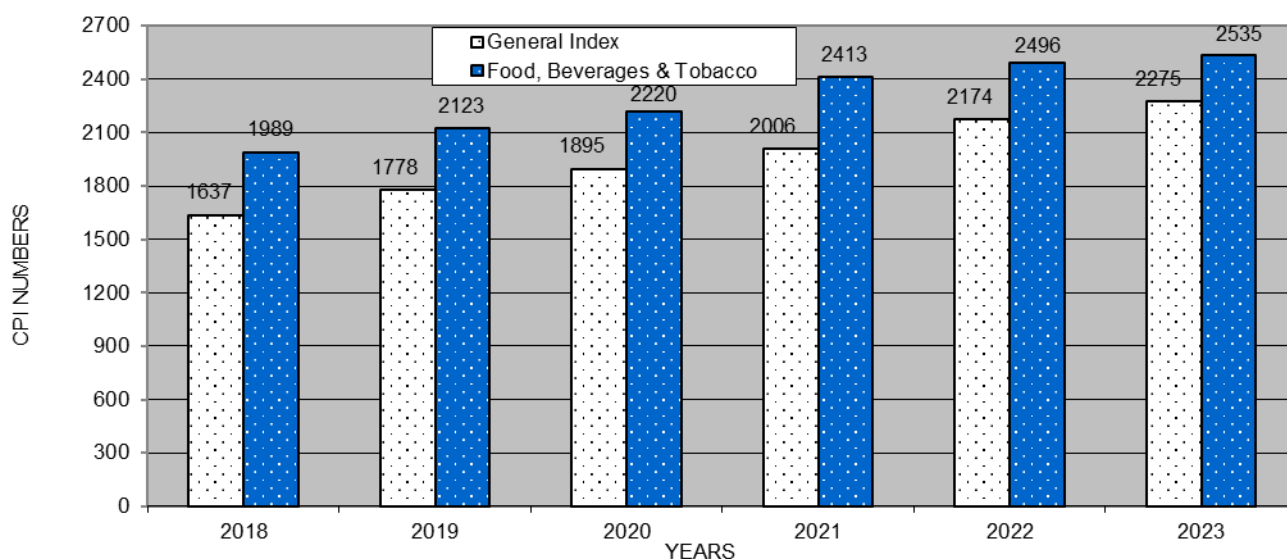
Year / Month	Groundnut Oil Pure, Mill made (Kg)	Vanaspati (Kg)	Chillies, Dry Byadgi (N.I.) (Kg)	Potato (N.I.) Medium Quality (Kg)	Onion (N.I.) Medium Quality (Kg)	Coconut local Medium Size (Kg.)	Sugar		Gur Medium Quality (Kg)	Arecanut (Kg)
1	11	12	13	14	15	16	Fair Price Medium Quality (Kg)	Open market Medium Quality (Kg)	19	20
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
2021	173.66	123.35	234.11	35.04	39.11	24.93	N/A	40.22	52.31	396.04
2022	188.07	136.40	261.53	39.02	38.28	22.88	N/A	40.87	52.62	397.22
2023	190.92	137.01	339.10	36.57	36.40	26.33	N/A	41.13	50.92	382.67
January, 23	181.88	148.11	293.13	35.50	31.25	25.94	N/A	40.75	49.38	368.13
February, 23	196.72	136.80	276.09	33.91	29.81	24.92	N/A	40.59	48.67	389.45
March, 23	176.92	116.48	303.88	35.56	30.05	25.63	N/A	40.03	50.41	408.75
April, 23	192.81	140.53	287.02	36.73	30.30	26.34	N/A	41.27	50.27	368.00
May, 23	191.41	143.14	296.63	36.63	31.06	26.33	N/A	40.88	50.63	367.50
June, 23	196.69	142.98	299.66	37.19	32.80	26.06	N/A	41.28	50.63	373.25
July, 23	186.41	140.94	295.31	36.56	32.34	27.81	N/A	41.47	51.00	376.56
August, 23	189.69	134.38	332.81	36.16	33.63	29.69	N/A	41.38	51.75	373.44
September, 23	197.50	134.38	381.08	35.95	39.22	26.25	N/A	41.20	50.63	382.00
October, 23	200.00	134.38	395.41	35.94	47.97	26.48	N/A	41.28	51.88	386.56
November, 23	190.70	135.78	462.19	38.55	55.78	25.08	N/A	41.73	53.98	398.63
December, 23	190.25	136.25	446.00	40.16	42.63	25.38	N/A	41.75	51.75	399.75

N/A= Not Available

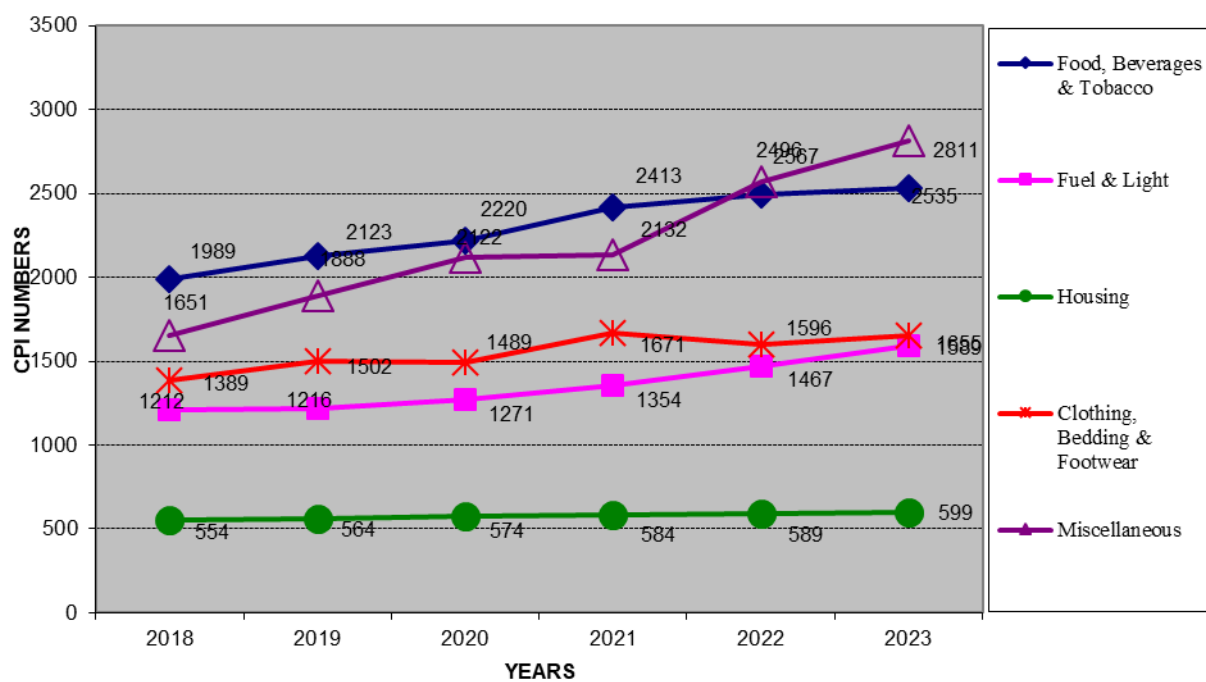
**CONSUMER PRICE INDEX
NUMBERS
IN GOA STATE**

**GRAPHICAL
ANALYSIS**

GRAPH - 1
Consumer Price Index for the Middle Class Non- Manual Employees in Goa State (2018-2023)
(Base 1982-83=100)

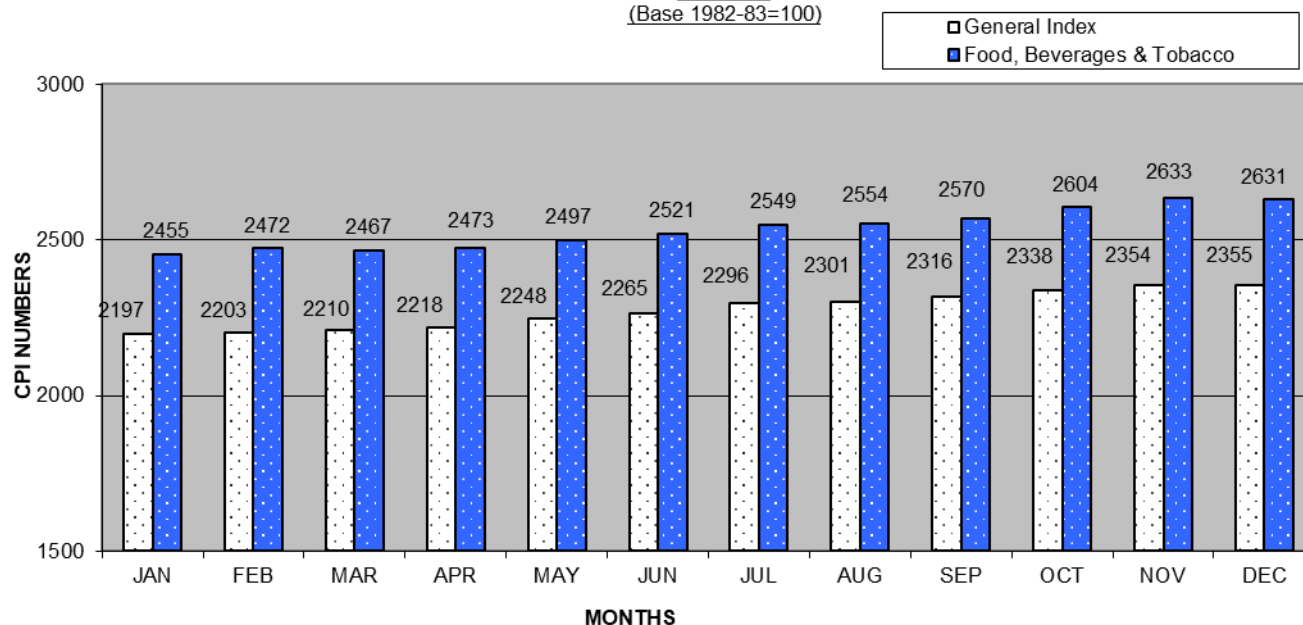


GRAPH - 2
Group-Wise CPI Numbers for the Middle Class Non-Manual Employees in Goa State (2018-2023)
(Base 1982-83=100)



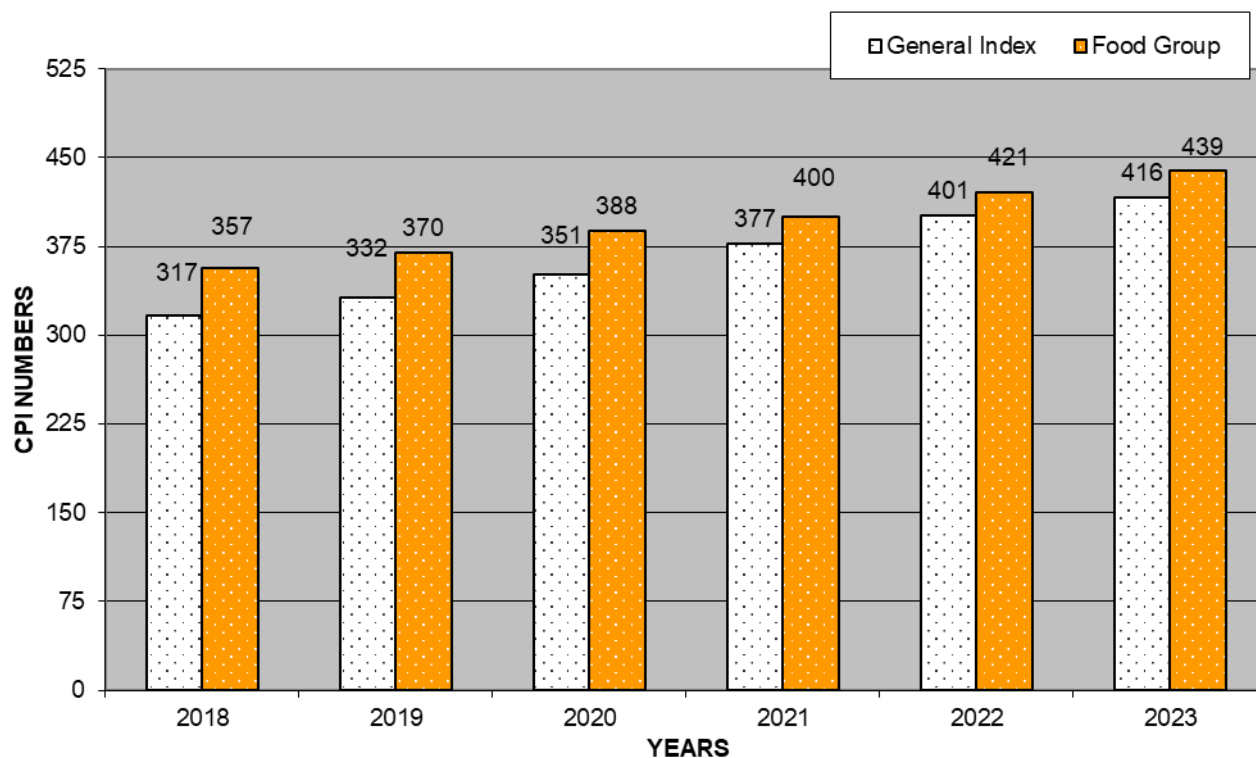
GRAPH - 3

Month-wise Consumer Price Index Numbers for the Middle Class Non-Manual Employees in Goa State for the year 2023
(Base 1982-83=100)

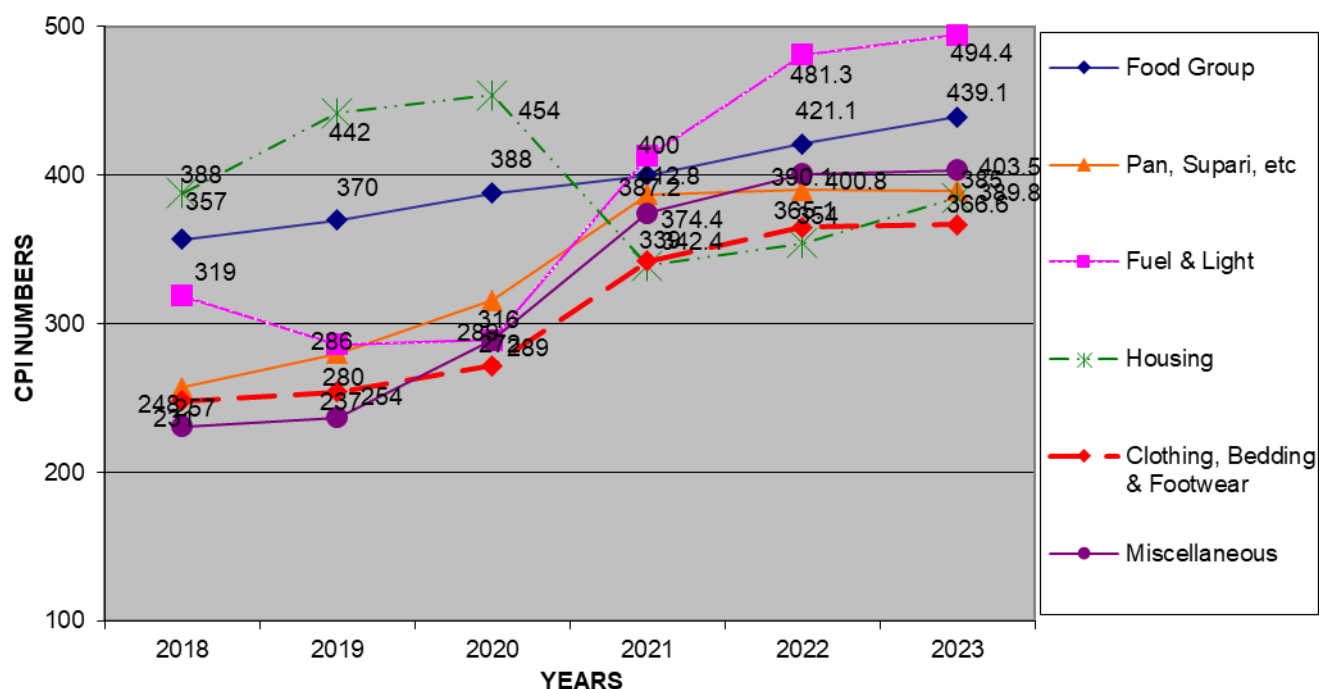


GRAPH - 4

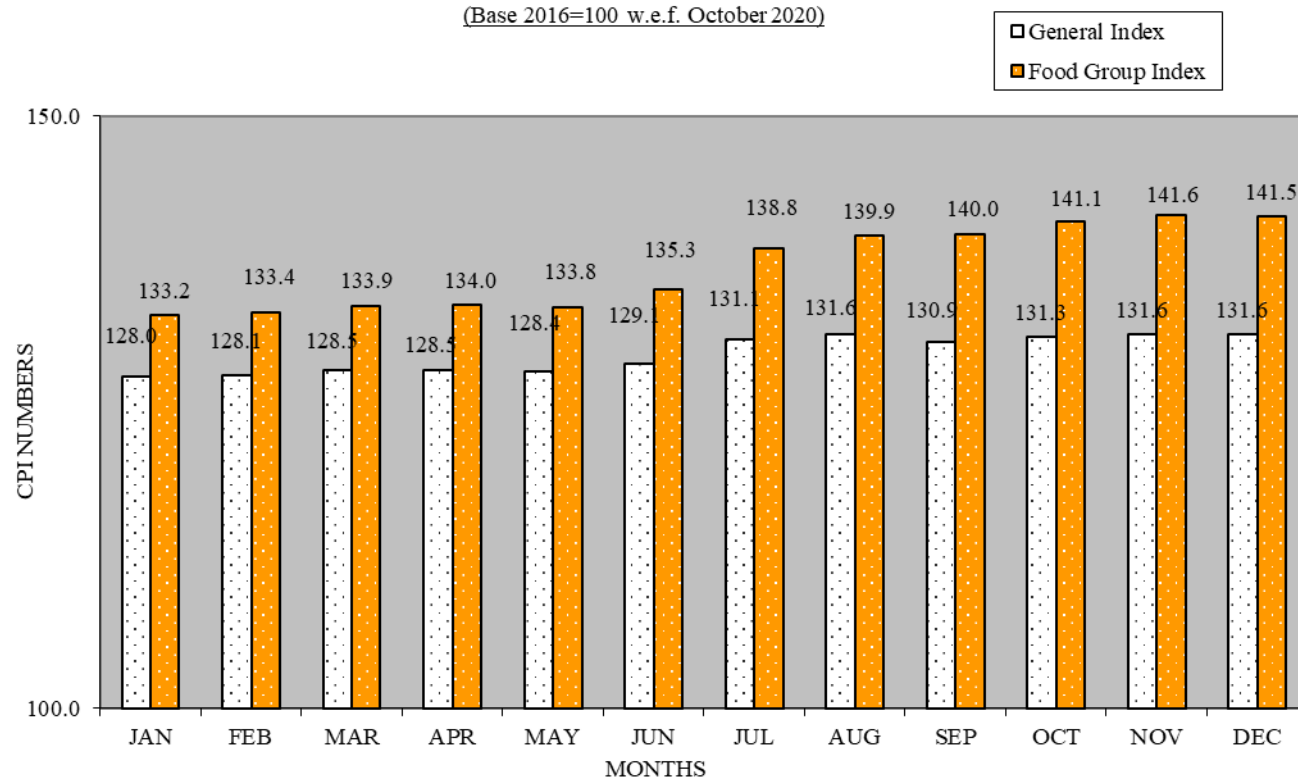
Consumer Price Index Numbers for Industrial Workers in Goa State (2018-2023)
(Base 2001=100)



GRAPH - 5
Group-wise CPI Numbers for Industrial Workers in Goa State (2018-2023)
 (Base 2001=100)

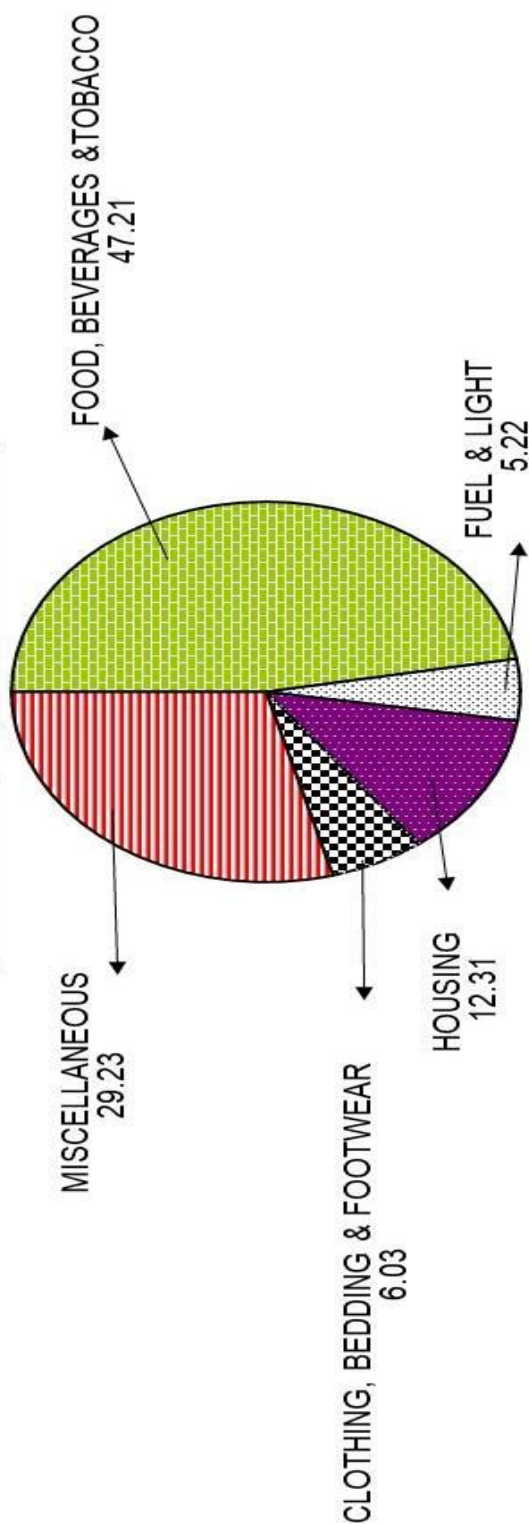


GRAPH - 6
Month-wise Consumer Price Index Numbers for Industrial Workers in Goa State for the year 2023
 (Base 2016=100 w.e.f. October 2020)

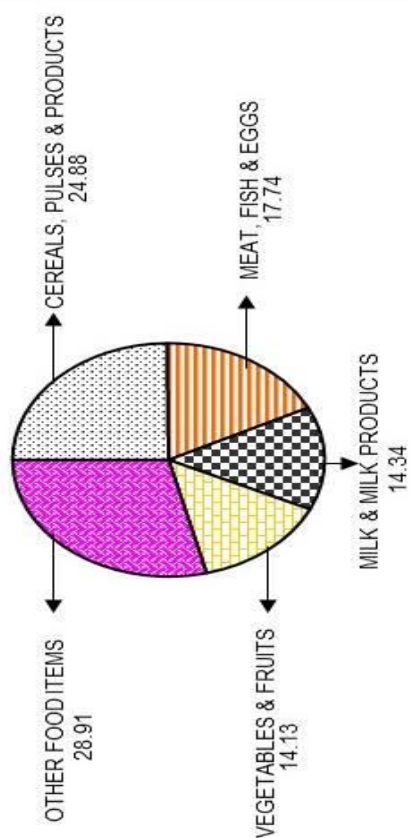


GRAPH - 7

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 Items

