



# SPECIAL RELEASE

## May 2022 Consumer Price Index (CPI), Inflation Rate (IR), Purchasing Power of Peso (PPP) in Mandaue City

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*Starting February 2022, the Philippine Statistics Authority (PSA) released the rebased Consumer Price Index (CPI) for all income households to base year 2018, from base year 2012 as announced in the press release number 2022-01 dated 04 January 2022. The CPI series for all income households for January 2022 onwards will be 2018-based.*

### ***Inflation rate in Mandaue City decelerated in the month of May 2022***

The inflation rate in Mandaue City continued its downward trend as it decelerated further to 3.2 percent in May 2022, from 3.3 percent in April 2022. Inflation rate in the city is lower compared to the inflation rate in Central Visayas at 5.3 percent in the same period. The average inflation from January to May 2022 remained at 3.7 percent. (See Table A.)

**Table A. Year-on-Year Inflation Rate, All Items  
In Percent  
(2018=100)**

Area	May 2021	April 2022	May 2022	Year-to-date*
<b>Central Visayas</b>	<b>2.3</b>	<b>5.4</b>	<b>5.3</b>	<b>5.2</b>
<b>Mandaue City</b>	<b>1.8</b>	<b>3.3</b>	<b>3.2</b>	<b>3.7</b>

Source: Retail Price Survey of Commodities for the Generation of Consumer Price Index

Philippine Statistics Authority

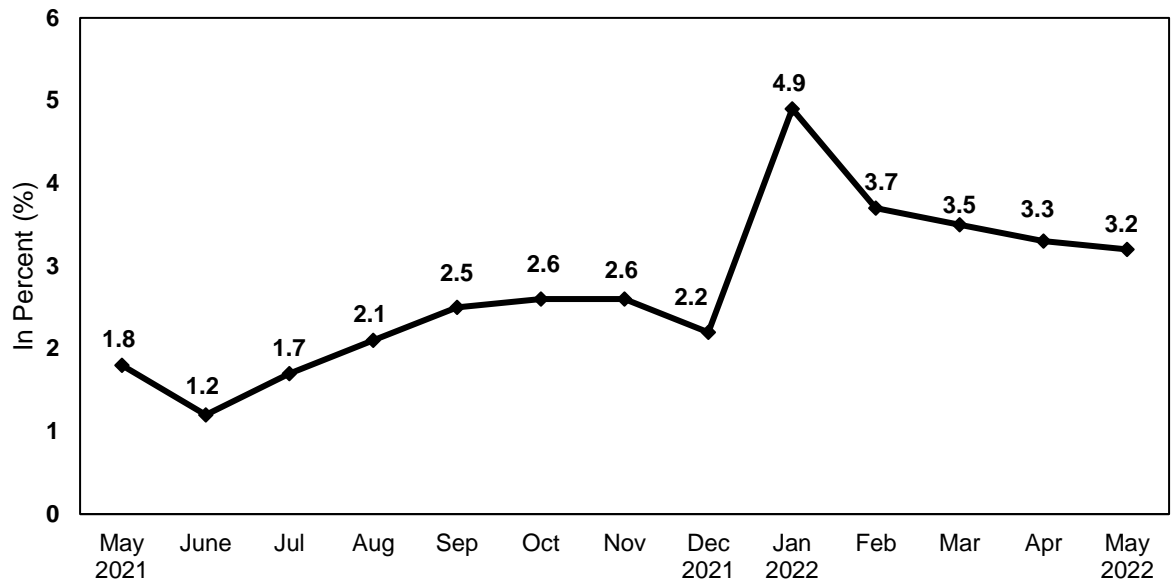
\*Year-on-year change of average CPI for January to May, 2022 vs 2021

### ***January 2022 had the highest inflation at 4.9 percent***

A downward movement of the inflation rate was noted in the city from February 2022 at 3.5 percent to May 2022 at 3.2 percent, respectively. The month of January had the highest inflation among months from May 2021 to May 2022 reaching 4.9 percent. (See Figure 1 and Table B.)



**Figure 1. Monthly Inflation Rate in Mandaue City  
May 2021 to May 2022  
(2018=100)**



Source: Retail Price Survey of Commodities for the Generation of Consumer Price Index  
Philippine Statistics Authority

**Table B. Year-on-Year Inflation Rates in Mandaue City, All Items  
In Percent  
January 2019 – May 2022  
(2018=100)**

Month	Year			
	2019	2020	2021	2022
January	3.6	2.3	-0.2	4.9
February	3.4	1.8	0.2	3.7
March	2.3	1.9	0.9	3.5
April	1.6	1.3	1.6	3.3
May	1.5	1.2	1.8	3.2
June	0.8	2.2	1.2	
July	0.2	1.9	1.7	
August	0.3	1.1	2.1	
September	-0.2	0.5	2.5	
October	-0.4	0.8	2.6	
November	0.7	0.7	2.6	
December	1.8	0.6	2.2	
<b>Average</b>	<b>1.3</b>	<b>1.3</b>	<b>1.6</b>	<b>3.7</b>

Source: Retail Price Survey of Commodities for the Generation of Consumer Price Index  
Philippine Statistics Authority

***The decrease in the inflation in Mandaue City is driven by Alcoholic Beverages and Tobacco***

The slowdown in the inflation was mainly due to the decrease in the inflation in Alcoholic Beverages and Tobacco at 3.4 percent in May 2022, from 5.1 percent in April 2022. Also, contributing to the downward trend was the lower increments registered in the indices of the following commodity groups:

- Food and Non-Alcoholic Beverages, 4.5 percent
- Clothing and Footwear, 0.1 percent
- Housing, Water, Electricity, Gas, and Other Fuels, 1.7 percent
- Health, 0.1 percent
- Personal Care, and Miscellaneous Goods and Services, 0.2 percent

Meanwhile, indices of these commodity groups retained their previous month's inflation rates:

- Furnishings, Household Equipment and Routine Maintenance of the House, 0.1 percent
- Restaurants and Accommodation Services, 0.2 percent

On the other hand, increase was higher in Transport at 14.3 percent in May 2022, from 12.9 percent in April 2022.

Indices among commodity groups: Information and Communication; Recreation, Sport and Culture; Education Services; and Financial Services posted a constant inflation at 0 percent. (See Table C)

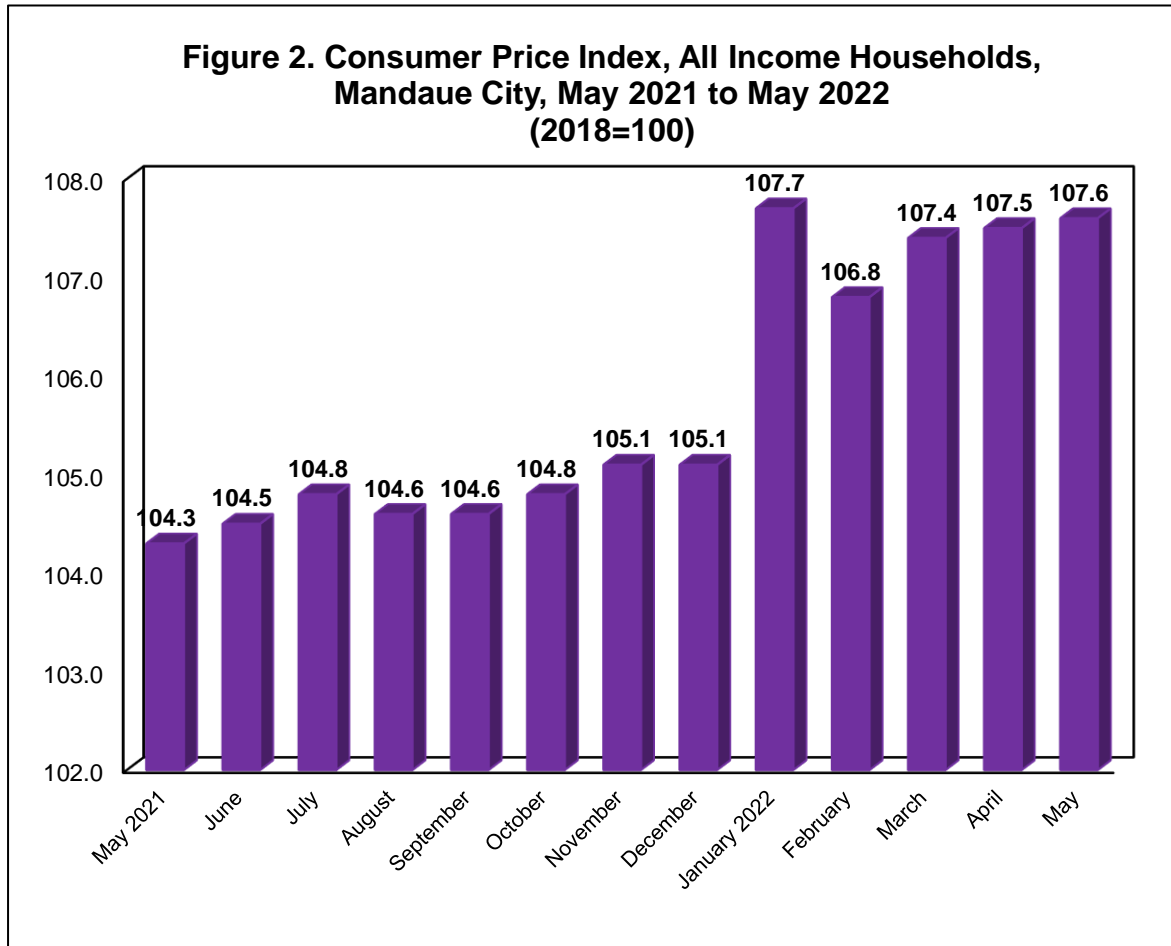
**Table C. Inflation Rate for All Income Households, by Commodity Group, Mandaue City, April to May 2021 and 2022 (2018=100)**

COMMODITY GROUP		MAY		APRIL	
		2022	2021	2022	2021
<b>ALL ITEMS</b>		3.2	1.8	3.3	1.6
<b>1</b>	Food and Non-Alcoholic Beverages	4.5	-0.5	4.6	-0.9
<b>2</b>	Alcoholic Beverages and Tobacco	3.4	7.1	5.1	4.5
<b>3</b>	Clothing and Footwear	0.1	0.9	0.5	0.5
<b>4</b>	Housing, Water, Electricity, Gas, and Other Fuels	1.7	1.9	1.8	1.7
<b>5</b>	Furnishing, Household Equipment and Routine Household Maintenance	0.1	4.6	0.1	4.7
<b>6</b>	Health	0.1	6.7	1.5	5.2
<b>7</b>	Transport	14.3	10.6	12.9	10.4
<b>8</b>	Information and Communication	0.0	0.0	0.0	0.0
<b>9</b>	Recreation, Sport and Culture	0.0	-1.7	0.0	-1.7
<b>10</b>	Education Services	0.0	0.0	0.0	0.0
<b>11</b>	Restaurants and Accommodation Services	0.2	0.6	0.2	0.6
<b>12</b>	Financial Services	0.0	43.4	0.0	43.4
<b>13</b>	Personal Care, and Miscellaneous Goods and Services	0.2	3.7	0.6	4.3

Source: Retail Price Survey of Commodities for the Generation of Consumer Price Index  
Philippine Statistics Authority

**May 2022 CPI in Mandaue City was recorded at 107.6**

The Consumer Price Index (CPI) in Mandaue City was posted at 107.6 in May 2022. This means that on average, prices of goods and services in the province increased by 7.6 units from the base year 2018 at 100. This was higher than the CPI from the previous month at 107.5. The month of January had the highest CPI in Mandaue City at 107.7 for the period May 2021 to May 2022. (See Figure 2.)

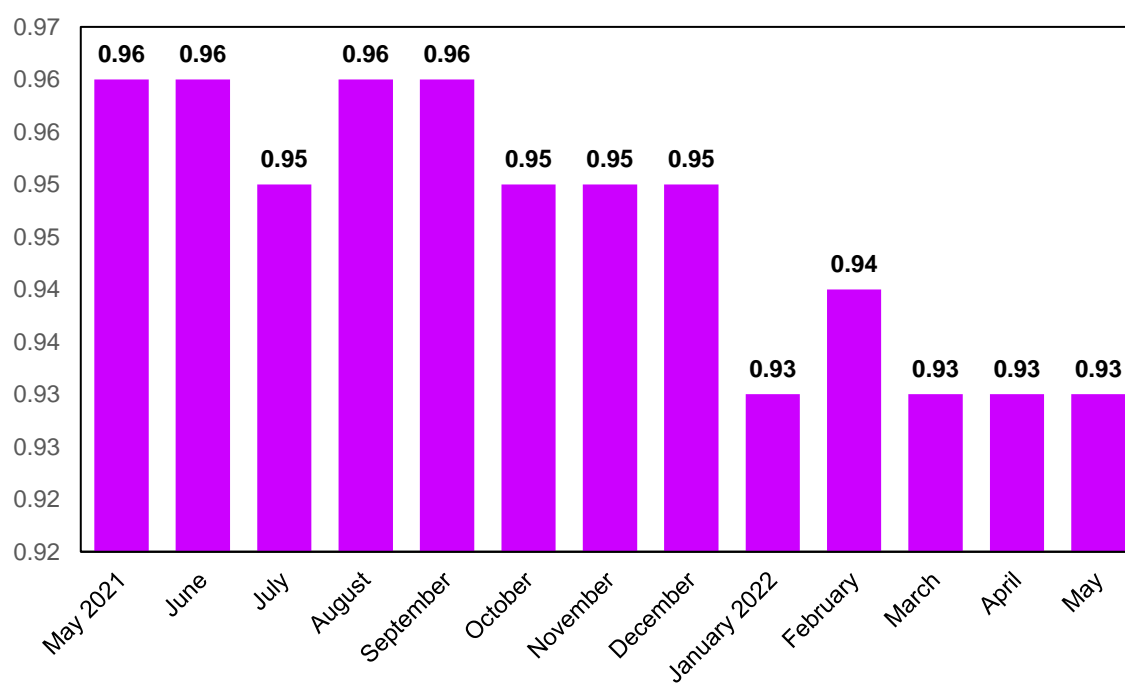


Source: Retail Price Survey of Commodities for the Generation of Consumer Price Index  
Philippine Statistics Authority

**PPP in the Mandaue City remained constant at 0.93**

Mandaue City’s Purchasing Power of Peso (PPP) remained at 0.93 for May 2022, indicating that a peso in 2018 is only worth 0.93 centavos in the month of reference. Furthermore, it implied that the prices of the same market of goods and services valued at Php 100.00 in 2018 are worth Php 93.00 in May 2022. (See Figure 3)

**Figure 3. Purchasing Power of Peso (PPP) in  
Mandaue City, May 2021 to May 2022  
(2018= 100)**



Source: Retail Price Survey of Commodities for the Generation of Consumer Price Index  
Philippine Statistics Authority

**Table D. Consumer Price Index, Inflation Rate, Monthly Percent Change, and  
Purchasing Power of Peso in Mandaue City, May 2021 to May 2022  
(2018=100)**

Year/Month	C P I	Inflation Rate	Monthly % Change	Purchasing Power of Peso
<b>2021</b>				
May	104.3	1.8	0.2	0.96
June	104.5	1.2	0.2	0.96
July	104.8	1.7	0.3	0.95
August	104.6	2.1	-0.2	0.96
September	104.6	2.5	0.0	0.96
October	104.8	2.6	0.2	0.95
November	105.1	2.6	0.3	0.95
December	105.1	2.2	0.0	0.95
<b>2022</b>				
January	107.7	4.9	2.5	0.93
February	106.8	3.7	-0.8	0.94
March	107.4	3.5	0.6	0.93
April	107.5	3.3	0.1	0.93
May	107.6	3.2	0.1	0.93

Source: Retail Price Survey of Commodities for the Generation of Consumer Price Index  
Philippine Statistics Authority

### Technical Notes:

The Philippine Statistics Authority generates and announces the monthly Consumer Price Index (CPI) based on a nationwide survey of prices for a given basket of goods and services. Two important indicators, the inflation rate and purchasing power of the peso (PPP), are derived from the CPI which are important in monitoring price stability and the value of the country's currency.

The Consumer Price Index (**CPI**) is an indicator of the change in the average retail prices of a fixed basket of goods and services commonly purchased by households relative to a base year.

**Base Period/Base Year** is the period, usually a year, at which the index number is set to 100. It is the reference point of the index number series.

**Inflation Rate (IR)** is equivalent to a decline in the purchasing power of the peso. It is the change in the CPI over a specific period of time (usually a month or a year). That is,

$$\text{Inflation Rate} = \frac{CPI_2 - CPI_1}{CPI_1} * 100$$

Where:

CPI<sub>1</sub> - is the CPI in the previous period

CPI<sub>2</sub> - is the CPI in the current period


The **Purchasing Power of the Peso (PPP)** is a measure of the real value of the peso in a given period relative to a chosen reference period. It is computed by getting the reciprocal of the CPI and multiplying the result by 100. That is,

$$PPP = \frac{1}{CPI} * 100$$

Prepared by:

  
**MAURO L. LEGASPO II**  
Statistical Analyst

Approved by:

  
**JUANILLA R. PREMNE**  
OIC- Chief Statistical Specialist