TECHNICAL NOTES

- Consumer Price Index is an indicator of the change in the average prices of a fixed basket of goods and services commonly purchased by households relative to a base year

- Market Basket is a sample of goods and services, which is meant to represent the totality of all the goods and services purchased by households relative to a base year.
  - To determine the commodities that will form the market basket for the 2018-based CPI, the Survey of Key Informants (SKI) was conducted in March 2021. The survey, which was conducted nationwide to store managers, sellers or proprietors, obtained information on the most commonly purchased of goods and availed of services by the households.
  - The commodities in the 2018-based CPI market basket are grouped/classified according to the 2020 Philippine Classification of Individual Consumption According to Purpose (PCOICOP) which is based on the United Nations COICOP. Meanwhile, the commodities in the 2012-based CPI market basket used the 2009 PCOICOP version of classification of commodities.

- Base year is a reference period, usually a year, at which the index number is set to 100. It is the reference point of the index number series. The CPI is rebased from base year 2012 to base year 2018.

- Inflation Rate is the annual rate of change or the year-on-year change in the Consumer Price Index (CPI).

- Purchasing Power of Peso 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

Inflation Rate $_{\text{(reference month, reference year)}}$
$= [(\text{CPI}_{\text{(reference month, reference year)}} - \text{CPI}_{\text{(reference month, previous year)}}) / \text{CPI}_{\text{(reference month, previous year)}}] \times 100\%$

For example,
INFLATION RATE $_{\text{(September 2024)}} = [(\text{CPI}_{\text{(September 2024)}} - \text{CPI}_{\text{(September 2023)}}) / \text{CPI}_{\text{(September 2023)}}] \times 100\%$
$= [(132.9 - 129.6) / 129.6] \times 100\%$
$= (3.3 / 129.6) \times 100\%$
$\approx 2.5\%$