

CPI All India Index Analysis - Summary Report

1. CPI Contribution for Latest Month

- Essential Services (13.21%) shows least contribution along with Food
- Healthcare (19.05%) shows highest contribution along with Energy and Education

2. Year-on-Year Growth Rates

- Calculated using differences from 2017 to 2023
- 2020-2021: Highest Inflation (7.51%), likely due to the Pandemic
- 2022-2023: Lowest Inflation (3.21%), likely due to offset of Pandemic

3. Month-on-Month Analysis – Food Category (12 months ending May 2023)

- Lowest Inflation: Jul-Aug (-0.66%)
- Highest Inflation: Jun-Jul (0.94%)
- Biggest Contributor: Fruits and Eggs

4. Impact of COVID-19 on Different Indices (Pre vs Post COVID)

- Food & Essential Services: Low inflation post-COVID (6.80% & 4.05%)
- Healthcare: High inflation post-COVID (13.28%)
- Transportation: Highest inflation post-COVID (20.02%)

5. Month-on-Month Impact of Crude Oil on Different Indices

- Transportation: Strong positive correlation with Fuel (0.67)
- Food: Moderate negative correlation (-0.35)
- Healthcare, Education, Essential Services: Weak positive / slight negative correlations

Assumptions:

- All analysis based on 'Rural + Urban' sector (All India figures)
- Missing values replaced by mean

This report summarizes CPI contributions, growth rates, and analysis of key indices with respect to COVID-19 and crude oil impact.