Abstract:

Indian food and fuel inflation has remained high for several years, and second-round effects on core inflation are estimated to be large. The paper estimates the size of second-round effects using a general equilibrium model of the Indian economy, which incorporates pass-through from headline inflation to core inflation. The results indicate that India's inflation is highly inertial and persistent. Due to second-round effects, the gap between headline inflation and core inflation decreases by about three fourths within one year as core inflation catches up with headline inflation. Large second-round effects stem from several factors, such as the high share of food in household expenditure and the role of food inflation in informing inflation expectations and wage setting. In order to durably reduce inflation, the monetary policy stance needs to be tightened. Analysis suggests that the Reserve Bank of India (RBI) may need to maintain a tight monetary policy stance for a prolonged period of time. In addition, progress on structural reforms to raise potential growth is critical to reduce the burden on monetary policy.

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