THE IMPACT OF INFLATION AFTER COVID-19: A COMPREHENSIVE ANALYSIS

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ABSTRACT

The COVID-19 pandemic has caused significant disruptions to global economies, leading to unprecedented challenges for policymakers and central banks. This paper aims to explore the impact of inflation in the aftermath of the COVID-19 crisis. By examining key factors and analyzing potential consequences, this paper provides insights into the potential implications of inflationary pressures on various sectors of the economy. Additionally, policy recommendations are offered to mitigate the adverse effects of post-pandemic inflation.

Keywords: Economic crisis, Inflation, Post Covid-19

1.0 INTRODUCTION

The COVID-19 pandemic has left an indelible mark on the global economy, causing widespread disruptions and challenges. As countries grapple with the aftermath of the crisis, concerns regarding inflationary pressures have come to the forefront. This introduction sets the stage for understanding the impact of inflation after COVID-19 and highlights the significance of studying this phenomenon. The COVID-19 pandemic unleashed a wave of unprecedented events, including lockdowns, supply chain disruptions, and massive government interventions. Central banks and governments worldwide implemented expansive monetary and fiscal measures to mitigate the economic fallout. These measures, aimed at stimulating economic recovery, have raised questions about potential inflationary consequences.

Inflation is a critical economic indicator that affects various stakeholders, including consumers, businesses, and governments. It erodes the purchasing power of individuals and can lead to economic imbalances if left unchecked. Understanding the drivers and consequences of inflation after the COVID-19 crisis is crucial for formulating effective policies and ensuring sustainable economic growth.

This paper aims to analyze the factors driving inflation after COVID-19 and assess the potential consequences for different sectors of the economy. By examining historical patterns, empirical evidence, and case studies, it seeks to provide insights into the post-pandemic inflation landscape. Additionally, policy recommendations will be proposed to mitigate the adverse
effects of inflation and foster a resilient economic recovery. The structure of the paper will consist of several sections. The first section will delve into the drivers of inflation after COVID-19, including expansionary monetary policies, supply chain disruptions, pent-up consumer demand, and wage pressure. The subsequent section will discuss the potential consequences of post-pandemic inflation on consumers, businesses, government debt, and global economic interdependencies.

To provide practical guidance, the paper will offer policy recommendations designed to address the challenges posed by inflation after the COVID-19 crisis. These recommendations will focus on maintaining balanced monetary policies, enhancing supply chain resilience and efficiency, promoting wage growth and labor market flexibility, and strengthening fiscal discipline and debt management. The analysis will draw upon historical post-crisis inflation patterns, empirical evidence, and comparative studies of countries’ inflation response strategies. By examining these sources, the paper will contribute to a comprehensive understanding of inflation dynamics in the post-COVID-19 era.

In conclusion, the impact of inflation after COVID-19 cannot be underestimated. As economies strive to recover and rebuild, policymakers must be vigilant in monitoring inflationary pressures and implementing appropriate measures. This paper aims to shed light on this complex issue, offering insights and recommendations that can guide policymakers and stakeholders in navigating the post-pandemic economic landscape.

2.0 DRIVERS OF INFLATION AFTER COVID-19

The COVID-19 pandemic has caused significant disruptions to global economies, leading to a range of factors that can potentially contribute to inflationary pressures in the post-pandemic period. Understanding the drivers of inflation after COVID-19 is crucial for assessing the potential consequences and formulating appropriate policy responses. Some key drivers that we should consider are:

a) Expansionary Monetary Policy and Quantitative Easing: Central banks worldwide implemented expansionary monetary policies and engaged in quantitative easing to mitigate the economic impact of the pandemic. These measures involved lowering interest rates, injecting liquidity into financial markets, and purchasing government bonds. While necessary to stimulate economic recovery, these policies can lead to inflationary pressures by increasing the money supply and potentially fueling excess demand.

b) Supply Chain Disruptions and Rising Input Costs: The COVID-19 pandemic severely disrupted global supply chains, causing shortages of raw materials, components, and finished goods. Supply chain disruptions can lead to increased production costs, which may be passed on to consumers through higher prices. Transportation bottlenecks, trade
restrictions, and increased logistics costs contribute to these disruptions, creating potential inflationary pressures.

c) Pent-up Consumer Demand and Spending Patterns: During the pandemic, consumer spending patterns were significantly altered due to lockdowns, restrictions, and uncertainty. As economies reopen and restrictions ease, there is a possibility of pent-up consumer demand being unleashed. If supply cannot keep up with this surge in demand, prices may rise, leading to inflationary pressures. Changes in consumer behavior, such as preferences for certain goods or increased savings, can also impact inflation dynamics.

d) Wage Pressure and Labor Market Dynamics: The pandemic caused job losses, furloughs, and income disruptions for many individuals. As the economy recovers, labor market dynamics can contribute to wage pressure. Factors such as labor shortages, skills gaps, and increased bargaining power of workers can lead to wage inflation. Rising wages can then translate into higher production costs for businesses, potentially resulting in price increases for goods and services.

e) Fiscal Policy Measures and Government Debt: Governments around the world implemented large-scale fiscal stimulus packages to support individuals, businesses, and the overall economy during the pandemic. These measures, coupled with reduced tax revenues, have led to significant increases in government debt. The potential consequence is the risk of inflation, as excessive government spending and high debt levels can create expectations of future tax increases or money printing, eroding confidence in the currency.

It is important to note that the magnitude and duration of these drivers can vary across countries and regions, depending on their specific circumstances and policy responses. Additionally, these drivers can interact with each other, amplifying or offsetting their individual effects on inflation.

Understanding and monitoring these drivers is crucial for policymakers in formulating appropriate monetary, fiscal, and supply chain management policies to address inflationary pressures effectively and maintain price stability in the post-COVID-19 era.

3.0 CONSEQUENCES OF POST-PANDEMIC INFLATION

Inflation, when left unchecked, can have wide-ranging consequences for various sectors of the economy and different stakeholders. Understanding the potential consequences of post-pandemic inflation is essential for policymakers, businesses, and individuals alike. The main consequences that we need to consider are:

a) Impact on Consumers and Household Budgets: Rising inflation erodes the purchasing power of consumers, reducing their ability to buy goods and services. As prices increase, individuals may experience a decline in their standard of living, especially if
their incomes do not keep pace with inflation. Essential items such as food, housing, and healthcare become relatively more expensive, putting a strain on household budgets. This can particularly affect low-income individuals and vulnerable groups.

b) Effects on Businesses and Investment: Inflation can have both positive and negative effects on businesses. On one hand, businesses may experience increased revenues if they can pass on higher production costs to consumers through higher prices. However, if input costs rise faster than the ability to raise prices or if consumer demand weakens due to reduced purchasing power, businesses may face reduced profit margins and lower investment incentives. Uncertainty regarding future inflation rates can also hinder long-term investment planning and decision-making.

c) Government Debt and Fiscal Policy Challenges: Inflation can impact government debt and fiscal policy in several ways. High inflation erodes the real value of government debt over time, effectively reducing the burden on the government. However, if inflation rises unexpectedly, it can lead to higher interest rates on government borrowing, making it costlier for governments to service their debt. This can limit fiscal policy options and divert resources from productive investments to debt servicing. Governments may also face challenges in maintaining price stability while pursuing expansionary fiscal measures to stimulate economic recovery.

d) Effects on Savers and Investors: Inflation can erode the value of savings and investments. If the rate of return on savings and investments fails to keep pace with inflation, savers may experience a decline in their real purchasing power. Fixed-income investments, such as bonds or savings accounts with low-interest rates, can be particularly vulnerable to inflation, as the nominal returns may not be sufficient to offset rising prices. Investors need to consider inflation when making investment decisions to preserve and grow their wealth.

e) Distributional Effects and Inequality: Inflation can exacerbate income and wealth inequality. Different segments of the population may be affected differently by inflation based on their income levels, asset ownership, and ability to negotiate wage increases. Inflation tends to impact low-income individuals and fixed-income retirees more significantly, as a higher proportion of their income is spent on essential goods and services. As a result, inflation can widen the wealth gap and increase social and economic disparities within society.

f) International Competitiveness and Exchange Rates: If inflation rates differ significantly between countries, it can affect international competitiveness and exchange rates. Higher inflation in one country relative to its trading partners can lead to a depreciation of its currency, making its exports relatively more expensive and imports cheaper. This can impact trade balances and economic relationships between nations.

It is important to note that the consequences of inflation can vary depending on the magnitude, duration, and stability of inflationary pressures. The effectiveness of policy responses and the ability of stakeholders to adapt and adjust to inflation dynamics also play a crucial role in
mitigating the negative consequences and harnessing any potential benefits. Policymakers need to carefully monitor inflation trends, implement appropriate monetary and fiscal policies, and promote measures that ensure price stability and sustainable economic growth in the post-pandemic period.

4.0 POLICY RECOMMENDATIONS

Addressing post-pandemic inflation requires a comprehensive and multifaceted approach that balances the goals of price stability, economic growth, and social welfare. Here are some policy recommendations to mitigate the adverse effects of inflation:

a) Maintaining a Balanced Monetary Policy: Central banks should closely monitor inflation indicators and adjust monetary policy accordingly. This involves carefully calibrating interest rates, managing liquidity, and employing other monetary tools to achieve price stability while supporting economic recovery. Central banks should communicate their policies transparently to anchor inflation expectations and maintain credibility.

b) Enhancing Supply Chain Resilience and Efficiency: To mitigate supply chain disruptions and rising input costs, policymakers should focus on strengthening supply chain resilience and efficiency. This can be achieved through diversification of suppliers, promoting domestic production capabilities, investing in technology and digitalization, and fostering collaboration between public and private sectors. Removing trade barriers and facilitating smoother international trade can also contribute to a more resilient supply chain.

c) Promoting Wage Growth and Labor Market Flexibility: Policymakers should support measures that promote fair wage growth while considering productivity levels and inflation dynamics. This can involve policies such as improving workforce skills through education and training, enhancing labor market flexibility, and encouraging investment in technology and innovation to boost productivity. Ensuring a balance between wage growth and productivity can help manage inflationary pressures without stifling employment opportunities.

d) Strengthening Fiscal Discipline and Debt Management: Governments should maintain fiscal discipline and implement effective debt management strategies to mitigate inflationary risks. This involves careful evaluation of spending priorities, reducing wasteful expenditures, and implementing structural reforms to improve the efficiency of public services. Transparent and accountable fiscal policies can help build confidence in the economy and mitigate inflationary expectations.

e) Promoting Financial Education and Consumer Protection: Inflation can have a significant impact on consumers, particularly vulnerable groups. Policymakers should invest in financial education programs to enhance consumers' understanding of inflation, its implications, and strategies for managing personal finances. Additionally,
consumer protection measures should be strengthened to ensure fair pricing practices and prevent predatory behavior during periods of inflation.

f) Foster International Cooperation and Exchange: Given the interconnectedness of global economies, international cooperation is crucial in managing post-pandemic inflation. Policymakers should engage in dialogue and collaboration with international counterparts to coordinate policies, exchange best practices, and address cross-border inflationary challenges. This includes cooperation on monetary policy, trade facilitation, and exchange rate stability to promote balanced global economic growth.

g) Monitor and Communicate Inflation Expectations: Central banks and policymakers should actively monitor and communicate inflation expectations to anchor them within desired ranges. Clear and transparent communication about inflation targets, policy actions, and economic forecasts helps manage inflation expectations, reducing uncertainty and providing guidance to businesses, investors, and consumers.

Mitigating the adverse effects of post-pandemic inflation requires a comprehensive and coordinated policy approach. By maintaining a balanced monetary policy, enhancing supply chain resilience, promoting wage growth and labor market flexibility, strengthening fiscal discipline, and prioritizing financial education and consumer protection, policymakers can navigate the challenges posed by inflation and foster sustainable economic recovery in the post-COVID-19 era. Continuous monitoring and evaluation of policy measures are crucial to ensure their effectiveness and adaptability to evolving economic conditions.

5.0 CASE STUDIES AND EMPIRICAL EVIDENCE

Examining case studies and empirical evidence can provide valuable insights into the consequences of post-pandemic inflation and the effectiveness of policy responses. Here are a few examples of case studies and empirical evidence that can inform our understanding:

5.1 Post-2008 Financial Crisis

The global financial crisis of 2008-2009 provides a relevant case study for understanding inflation dynamics after a major economic shock. The crisis, triggered by the collapse of Lehman Brothers and the subsequent turmoil in financial markets, had significant implications for inflation and monetary policy.

a) Inflationary Concerns: During the financial crisis, central banks around the world implemented expansionary monetary policies to stabilize financial markets and support economic recovery. These policies involved lowering interest rates and injecting liquidity into the financial system. Some economists expressed concerns that such measures could potentially lead to inflation due to the increased money supply.

b) Actual Inflation Rates: However, despite the large-scale monetary stimulus, many countries experienced low inflation or even deflation following the financial crisis. This
was attributed to the substantial economic downturn, reduced consumer spending, and excess capacity in production. The collapse in demand and high unemployment rates created disinflationary pressures, counteracting the potential inflationary impact of monetary easing.

c) Effectiveness of Monetary Policy: The case of the post-2008 financial crisis highlights the challenges central banks face in achieving their inflation targets. Despite the implementation of expansionary monetary policies, inflation remained subdued in many economies. This has led to debates on the effectiveness of traditional monetary policy tools in stimulating inflation during periods of economic downturn and high uncertainty.

d) Unconventional Monetary Policies: In response to the limited effectiveness of conventional monetary policy measures, some central banks adopted unconventional policies such as quantitative easing (QE). QE involves the purchase of long-term government bonds and other securities to inject liquidity into the economy and lower long-term interest rates. The objective of these policies was to stimulate lending, investment, and inflation expectations.

e) Inflation Expectations: Inflation expectations play a crucial role in shaping actual inflation rates. During the post-2008 period, inflation expectations remained well-anchored in many economies, reflecting the credibility of central banks and their commitment to price stability. This contributed to the subdued inflation environment despite expansionary monetary policies.

f) Lessons Learned: The post-2008 financial crisis provides important lessons for policymakers. It underscores the need for a nuanced understanding of the relationship between monetary policy, inflation, and economic conditions. It also highlights the importance of monitoring inflation expectations, addressing structural factors that may dampen inflation, and considering unconventional policy tools when conventional measures are less effective.

g) Overall, the case of the post-2008 financial crisis demonstrates that the impact of monetary policy on inflation is contingent upon various factors, including the severity of the economic downturn, consumer behavior, and inflation expectations. It emphasizes the importance of flexibility and adaptability in policy responses to effectively manage inflationary pressures in the aftermath of a major economic crisis.

5.2 Historical Hyperinflation Episodes

Studying historical hyperinflation episodes provides valuable insights into the severe consequences of uncontrolled inflation and the importance of effective policy measures. Here are a few notable examples of hyperinflation episodes:

a) Germany, Weimar Republic (1921-1923): One of the most well-known hyperinflation episodes occurred in Germany during the Weimar Republic. Following World War I,
Germany faced significant economic challenges, including war reparations and a massive increase in the money supply. As a result, hyperinflation skyrocketed, leading to the devaluation of the German mark. Prices rose at an astronomical rate, with people needing wheelbarrows of cash to buy basic goods. This hyperinflation eroded savings, caused economic turmoil, and led to social unrest.

b) Zimbabwe (2007-2008): Zimbabwe experienced one of the most severe hyperinflation episodes in modern history. The country faced a combination of factors, including excessive money printing, economic mismanagement, and political instability. Hyperinflation reached staggering levels, with prices doubling every few hours. The Zimbabwean dollar became virtually worthless, causing immense hardship for the population, eroding purchasing power, and creating widespread economic and social dislocation.

c) Venezuela (ongoing since 2016): Venezuela has been grappling with hyperinflation since 2016, driven by a combination of factors such as excessive government spending, mismanagement, corruption, and economic sanctions. Inflation rates reached astronomical levels, causing the rapid devaluation of the Venezuelan bolivar. Hyperinflation has resulted in a severe economic and humanitarian crisis, with shortages of basic goods, widespread poverty, and mass emigration.

Lessons from historical hyperinflation episodes:

d) The Destructive Impact: Hyperinflation can have devastating consequences for an economy and society as a whole. It erodes the value of money, destroys savings, disrupts economic activity, and undermines social stability.

e) Root Causes: Hyperinflation often stems from a combination of factors, including excessive money printing, fiscal imbalances, economic mismanagement, political instability, and external pressures. Addressing these root causes is crucial to prevent and mitigate hyperinflationary episodes.

f) Importance of Monetary Policy: Effective monetary policy, focused on maintaining price stability and controlling money supply growth, is essential to prevent hyperinflation. Central banks must act independently, adopt sound monetary policies, and manage inflation expectations.

g) Fiscal Discipline and Structural Reforms: Sound fiscal policies, including disciplined spending, responsible debt management, and structural reforms, play a critical role in maintaining macroeconomic stability and avoiding hyperinflation.

h) International Cooperation: In cases where hyperinflation is driven by external factors, international cooperation and support can be vital in addressing the underlying causes and stabilizing the economy.
The study of historical hyperinflation episodes underscores the importance of maintaining prudent economic policies, ensuring strong institutions, and addressing structural vulnerabilities to prevent the devastating effects of uncontrolled inflation.

5.3 Comparative Analysis of Inflation Response Strategies

A comparative analysis of inflation response strategies across different countries can provide valuable insights into the effectiveness of policy measures in managing inflation in the post-pandemic period. By examining countries with varying inflation rates and policy approaches, researchers can evaluate the outcomes of different strategies and identify best practices. Here are some key aspects to consider in a comparative analysis:

a) Monetary Policy Approaches: Comparing the monetary policy approaches of different countries can shed light on the effectiveness of various measures in controlling inflation. Factors to consider include interest rate management, central bank communication, inflation targeting frameworks, and the use of unconventional monetary tools such as quantitative easing. Analyzing the impact of these policies on inflation rates and economic performance can provide valuable insights.

b) Fiscal Policy Measures: Comparing fiscal policy measures across countries can reveal the role of government spending, taxation, and budgetary discipline in managing inflation. Factors to assess include the extent of fiscal stimulus, the composition of government expenditures, debt management strategies, and the coordination of fiscal and monetary policies. Understanding the impact of fiscal policies on inflation dynamics and economic stability can inform policy recommendations.

c) Supply-side Policies: Comparing supply-side policies can highlight the role of structural reforms, productivity enhancements, and investment in improving long-term inflation dynamics. Factors to examine include labor market flexibility, competition policies, trade facilitation measures, and investments in infrastructure and innovation. Evaluating the impact of these policies on production costs, supply chain resilience, and overall price stability can provide valuable insights.

d) Inflation Expectations Management: Comparing the management of inflation expectations across countries can reveal the importance of anchoring expectations to achieve price stability. Factors to consider include the credibility of central banks, communication strategies, forward guidance, and the use of inflation expectations surveys. Assessing the impact of inflation expectations on actual inflation rates and economic behavior can inform policy approaches.

e) Socioeconomic Factors: Comparing socioeconomic factors such as income inequality, labor market dynamics, social safety nets, and the distributional effects of inflation can provide insights into the broader consequences of inflation response strategies. Analyzing how different policy approaches affect different segments of the population and impact social cohesion can inform the design of inclusive and equitable policies.
f) Lessons Learned: Identifying best practices and lessons learned from countries that have effectively managed inflation can guide policy recommendations. This involves assessing the effectiveness of specific policy measures, identifying successful policy combinations, and understanding the factors that contributed to their success.

By conducting a comparative analysis of inflation response strategies, policymakers can learn from the experiences of different countries, identify effective policy measures, and tailor policy approaches to their specific contexts. It enables the sharing of best practices and contributes to evidence-based decision-making in managing inflation in the post-pandemic era.

5.4 Sector-Specific Studies

Sector-specific studies play a crucial role in understanding how inflation affects different industries and stakeholders. Analyzing the impact of inflation on specific sectors can provide insights into the challenges they face and inform targeted policy responses. Here are some key considerations for sector-specific studies:

a) Housing and Real Estate: Studying the impact of inflation on the housing and real estate sector can provide insights into the affordability of housing, property prices, and rental markets. Factors to consider include the relationship between inflation and housing prices, the availability of mortgage financing, the impact on housing affordability, and the potential effects on homeowners and renters. Understanding these dynamics can inform policies to ensure housing affordability and stability in the face of inflationary pressures.

b) Consumer Goods and Retail: Analyzing the impact of inflation on consumer goods and retail sectors can shed light on the pricing dynamics, consumer behavior, and business profitability. Factors to examine include the ability of businesses to pass on increased production costs to consumers, changes in consumer purchasing patterns, and the effects on profit margins and competitiveness. This analysis can inform policies to support businesses and consumers in managing inflationary pressures.

c) Commodity and Resource-Dependent Sectors: Studying the impact of inflation on commodity and resource-dependent sectors, such as agriculture, mining, and energy, is crucial. Inflation can affect input costs, commodity prices, and supply chains, thereby impacting the profitability and viability of these sectors. Factors to consider include the relationship between inflation and commodity prices, production costs, investment dynamics, and the potential consequences for global supply and demand. Understanding these dynamics can inform policies to support the stability and sustainability of these sectors.

d) Financial Services and Investments: Analyzing the impact of inflation on financial services and investments can provide insights into risk management, asset pricing, and investor behavior. Inflation can influence interest rates, bond yields, stock market performance, and investment decisions. Factors to examine include the relationship
between inflation and financial market indicators, the effects on savings and investment vehicles, and the potential implications for retirement planning and wealth accumulation. This analysis can inform policies to promote financial stability and investor protection in the face of inflationary pressures.

e) Government and Public Sector: Studying the impact of inflation on the government and public sector is important for understanding its implications for public finances and public services. Inflation can affect government revenues, budgetary planning, public debt management, and the provision of public services. Factors to consider include the relationship between inflation and government finances, the potential effects on public investment and infrastructure projects, and the implications for public sector wages and social welfare programs. This analysis can inform policies to ensure fiscal sustainability and the effective delivery of public services in the context of inflationary pressures.

By conducting sector-specific studies, policymakers can gain insights into the unique challenges and opportunities presented by inflation in different sectors. This knowledge can guide the development of targeted policies and interventions to mitigate the adverse effects of inflation and promote sectoral resilience in the face of inflationary pressures.

5.5 Long-Term Inflation Trends and Expectations

Long-term inflation trends and expectations are essential indicators used to assess the stability and predictability of inflation over extended periods. Understanding these trends and expectations is crucial for businesses, consumers, and policymakers, as they influence economic decision-making and policy formulation. Here's a closer look at long-term inflation trends and expectations:

a) Long-Term Inflation Trends: Long-term inflation trends refer to the historical patterns of inflation over an extended period, often spanning several years or decades. By analyzing past inflation rates, economists and policymakers can identify underlying factors that have influenced inflation dynamics over time. Long-term inflation trends can vary across countries and regions due to differences in economic conditions, monetary policies, and structural factors.

b) For example, some countries may have experienced relatively stable and low inflation over an extended period due to prudent monetary policies, well-anchored inflation expectations, and robust economic fundamentals. On the other hand, others may have faced periods of high and volatile inflation resulting from factors like excessive money supply growth, fiscal imbalances, or external shocks.

c) Inflation Expectations: Inflation expectations are the anticipated future changes in the general price level. They play a crucial role in shaping actual inflation rates as they influence the behavior of consumers, businesses, and financial markets. If consumers and businesses expect higher future inflation, they may adjust their behavior, leading to increased spending and investment in anticipation of rising prices. Similarly, if
inflation expectations are well-anchored and remain stable, it can help maintain price stability and reduce the likelihood of spiraling inflation or deflation.

d) Central banks closely monitor inflation expectations as they affect the effectiveness of monetary policy. When expectations are well-anchored and aligned with the central bank's inflation target, it provides a framework for conducting monetary policy more efficiently. On the other hand, unanchored or volatile inflation expectations can complicate the central bank's ability to achieve its inflation target.

e) Role of Expectations Management: Central banks and policymakers often engage in expectations management to influence long-term inflation expectations. By communicating transparently about their inflation targets, policy objectives, and the rationale behind policy decisions, central banks can help anchor expectations and build credibility.

f) Inflation targeting, a popular monetary policy framework, involves publicly announcing a specific inflation target and taking policy actions to achieve it. By committing to maintaining low and stable inflation over the long term, central banks can influence the behavior of economic agents and foster a more predictable economic environment.

Overall, understanding long-term inflation trends and expectations is vital for promoting price stability, guiding economic decisions, and ensuring the effectiveness of monetary policies. Maintaining well-anchored and stable inflation expectations can contribute to sustainable economic growth and improve overall economic welfare.

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