THE PERSISTENT THREAT: UNDERSTANDING INFLATION'S RETURN AND ITS ECONOMIC IMPACT

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ABSTRACT: *This study examines inflation trends from 2021 to 2024 in Europe, China, Russia, and the USA, highlighting the unique economic challenges and policy responses shaping each region. Global disruptions, including the COVID-19 pandemic, the Ukraine war, and energy crises, triggered widespread inflationary pressures, but their impacts varied significantly. Europe experienced one of the sharpest inflation spikes, peaking at 8.4% in 2022 due to its heavy reliance on imported energy and geopolitical instability. Russia faced extreme inflation volatility, reaching 13.8% in 2022, driven by sanctions, ruble depreciation, and high government spending. The USA also saw inflation surge to 8% in 2022 but managed a faster recovery, with rates declining to 2.4% in 2024, supported by aggressive monetary tightening. In contrast, China maintained low inflation, with rates peaking at just 1.97% in 2022, reflecting subdued domestic demand and state-controlled pricing. Key influencers of these trends include energy dependence, fiscal and monetary policy, labor market dynamics, and global supply chain disruptions. The findings emphasize the importance of tailored regional strategies, including energy diversification, resilient supply chains, and balanced fiscal policies, to achieve long-term economic stability. These insights offer critical lessons for managing future inflationary shocks across diverse economic systems.*

KEY WORDS: *inflation, stability, policy.*

JEL CLASSIFICATION: *E31, E52.*

1. INTRODUCTION

Since the late 1980s, inflation has often been regarded as a phenomenon of the past. While the late 1940s and early 1950s saw brief periods of inflationary pressure, prices began to climb more sharply in the late 1960s, peaking during the 1970s. Afterward, a period of relative price stability became the norm.

Despite notable exceptions, such as high inflation in Argentina and Turkey and episodes of hyperinflation in post-war Hungary, the former Soviet Union, Venezuela,

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and Zimbabwe, the prevailing belief was that policymakers had found effective strategies to manage inflation. Following the 2008 financial crisis, deflation emerged as the primary concern, with fears of prolonged stagnation akin to Japan's economic struggles overshadowing inflationary worries.

However, in recent years, inflation has re-emerged unexpectedly. The causes remain debated, with some pointing to the COVID-19 pandemic and others to geopolitical tensions, such as the Russia-Ukraine conflict. Few are willing to acknowledge that this resurgence may stem from more fundamental issues. Initial forecasts by central banks suggested inflation would be temporary, returning to 2% targets within a few years, but these predictions have proven overly optimistic, reflecting a potential misunderstanding of inflation's behavior.

Inflation, while sometimes dormant, has never truly disappeared. Its return often correlates with shifting political and economic circumstances rather than technical failures of monetary policy. In the short term, tolerating inflation can seem less disruptive than addressing its root causes, but such an approach tends to invite long-term economic and social harm. Inflation is a subtle yet highly damaging force, capable of destabilizing economies and undermining political and institutional foundations, making it a persistent and formidable challenge.

2. INFLATION IN EUROPE

In recent years, inflation in European countries has shown notable variation, influenced by external shocks and policy responses. After reaching record highs in 2022, largely driven by the energy crisis following the Russia-Ukraine conflict, inflation in the Eurozone and the broader European Union has gradually declined. As of late 2023, Eurozone inflation stood at 2.9%, significantly reduced from peaks exceeding 10% in 2022. This decline reflects easing energy costs and improved supply chain dynamics. However, core inflation, excluding volatile items like energy and food, remains elevated, driven by persistent price increases in the services sector and higher wage pressures in some countries.

Goods inflation has subsided considerably due to stabilizing global commodity prices and reduced supply chain bottlenecks. Meanwhile, services inflation has maintained upward momentum, influenced by strong demand in tourism and recreation. Notably, the pace of inflation moderation has varied across countries, with Baltic nations previously experiencing double-digit inflation seeing more significant reductions, while countries like Germany and Italy face persistent core inflation challenges.

Monetary policy has played a critical role in this trajectory, with the European Central Bank's (ECB) aggressive interest rate hikes contributing to inflation moderation. However, differences in energy reliance and fiscal measures among member states have led to varying inflationary pressures and recovery speeds.

Looking forward, economists predict continued easing of headline inflation but caution that core inflation, particularly in services, may remain sticky without further policy interventions.

In 2024, inflation across Europe showed a significant moderation compared to the peaks observed in prior years. The annual inflation rate in the euro area reached 2.0%

by October, aligning with the European Central Bank's (ECB) target after dropping to 1.7% in September, its lowest since April 2021. Key drivers of this trend included reduced energy costs, which continued to decrease albeit at a slower rate, and stable price levels for services and non-energy goods. However, food, alcohol, and tobacco prices rose faster in late 2024, contributing to slight upward pressure.

Within individual countries, inflation varied. For instance, Germany saw its inflation rate ease to 1.8% in September, while France and Italy experienced rates of 1.4% and 0.7%, respectively. Countries like Spain also recorded significant cooling at 1.7%, reflecting broader regional trends of stabilization. Core inflation, excluding volatile items such as food and energy, hovered around 2.7%, showcasing lingering pressures in some sectors.

The overall moderation can be attributed to tighter monetary policies by the ECB and improved supply chain conditions, particularly for energy. Looking forward, the ECB expects inflation to remain near 2% but acknowledges potential fluctuations as previous base effects from declining energy prices fade.

These developments signal growing economic stability across Europe, but vigilance is needed to ensure inflation expectations remain anchored, particularly given external risks and uncertainties.

3. INFLATION IN CHINA

China's inflation trends over the last three years reflect distinct phases influenced by both domestic policies and global economic conditions.

- 2021: Inflation was modest at 0.98%, rising slightly from pandemic-era lows. Contributing factors included controlled food prices and subdued consumer demand, coupled with government measures to stabilize costs and sustain economic recovery following COVID-19 disruptions.
- 2022: Inflation increased to 1.97%, driven by external pressures such as rising global commodity prices and supply chain challenges. Despite these pressures, inflation in China remained comparatively low due to strict governmental controls on key goods and subsidies, especially in energy and food sectors.
- 2023: Inflation sharply declined to 0.23%, the lowest in decades, partly due to weakening domestic demand and significant deflation risks in some sectors. Declines in housing and transportation costs were notable. The government's economic interventions, including looser monetary policies and price controls, contributed to this downturn.
- 2024 (so far): Inflation has remained subdued, fluctuating between 0.2% and 0.4% by late 2024. Rising food costs due to supply issues, alongside deflation in non-food items, have characterized the period. Policies targeting consumption growth and stabilizing core prices have been implemented, but economic recovery has remained uneven.

4. INFLATION IN THE USA

Over the last three years, inflation in the United States has undergone significant fluctuations, shaped by post-pandemic recovery, supply chain challenges, and Federal Reserve interventions.

In 2021, inflation began to climb sharply, with an average rate of 4.7%. This marked the beginning of a departure from the stable, low rates of the previous decade, fueled by pandemic-era stimulus measures and supply chain disruptions. By 2022, inflation peaked at 8%, the highest annual average in over 40 years, driven by surging energy prices, global supply bottlenecks, and robust consumer demand. The Federal Reserve responded with aggressive interest rate hikes to curb inflation.

In 2023, inflation moderated, averaging 4.1%, as the effects of the Fed's monetary tightening began to take hold. Supply chain pressures eased, and energy prices stabilized, contributing to the decline. By the end of the year, inflation had dropped further, reaching 3.4%.

In 2024, inflation trends continued to improve, nearing the Federal Reserve's 2% target. As of September 2024, year-over-year inflation stood at 2.4%. The moderation is attributed to steady interest rate policies, reduced consumer demand growth, and stabilized commodity prices. However, core inflation (excluding volatile food and energy prices) remained slightly higher, reflecting persistent wage growth and housing costs.

These developments highlight a transition toward economic stabilization, although challenges persist in ensuring sustained low inflation without triggering economic slowdowns. For more detailed analysis, you can explore sources such as the Bureau of Labor Statistics and economic reports from Investopedia and J.P. Morgan.

5. INFLATION IN RUSSIA

In the past three years, Russia has experienced significant volatility in its inflation rates due to multiple external and internal factors.

In 2021, inflation began rising sharply, reaching an average annual rate of 6.7%, driven by pandemic-induced supply chain disruptions, surging consumer demand, and rising global commodity prices. The Central Bank of Russia (CBR) started tightening monetary policy early, raising interest rates six times to curb inflationary pressures.

In 2022, inflation surged dramatically to 13.8%, influenced heavily by geopolitical tensions and the economic fallout from the war in Ukraine. Western sanctions, coupled with domestic policy responses and soaring defense spending, exacerbated price pressures. To stabilize the economy, the CBR raised interest rates to 20% in February 2022 before gradually reducing them as inflationary trends showed signs of moderation.

By 2023, inflation had cooled to around 5.9% annually, helped by tighter monetary policy and adjustments in consumer and business behavior. However, inflation remained above the CBR's target of 4%, partly due to ongoing economic disruptions and high government spending. Key interest rates were raised again in late 2023 to 19% as part of efforts to curb inflation and stabilize the ruble.

Inflation in Russia during 2024 has been characterized by persistent challenges, with the year-over-year rate reaching 8.62% by September. This reflects a gradual decrease from its mid-year peak of 9.2% in July, though still far above the central bank's target of 4%. Monthly inflation trends have fluctuated, with a 0.46% rise in September. High government spending, particularly on defense and security, has significantly contributed to inflationary pressures, accounting for nearly 9% of GDP in 2024.

To combat rising inflation, the Russian Central Bank raised its key interest rate to 19% in October, marking a steep hike aimed at curbing price growth and stabilizing the economy. However, challenges such as labor shortages and high public-sector spending have complicated these efforts, leading to concerns about the effectiveness of monetary policy in controlling inflation in the current context

6. INFLUENCERS OF INFLATION

The inflation rates in Europe, China, Russia, and the USA differ due to a mix of region-specific economic structures, policy responses, and external factors. The key drivers for each region are as follows:

Europe (Eurozone): Europe's heavy reliance on imported energy, particularly from Russia, made it highly vulnerable to the energy crisis triggered by the Ukraine war, leading to record inflation in 2022. The COVID-19 pandemic and geopolitical tensions also disrupted global supply chains, further raising prices for goods. The European Central Bank (ECB) was initially slower to tighten monetary policy compared to the Federal Reserve, exacerbating inflation during the early stages. Additionally, variations in inflation across EU countries reflect differing energy dependence, fiscal policies, and labor market conditions.

China: The Chinese government's active intervention in key markets such as energy and food has helped maintain price stability, mitigating the impact of global inflationary pressures. Post-COVID recovery in China has been uneven, with weaker domestic demand limiting inflation. A slowdown in global demand for exports, combined with a downturn in the property market, has led to deflationary trends in certain sectors. Additionally, moderate wage growth compared to Western economies has reduced inflationary pressures from the labor market.

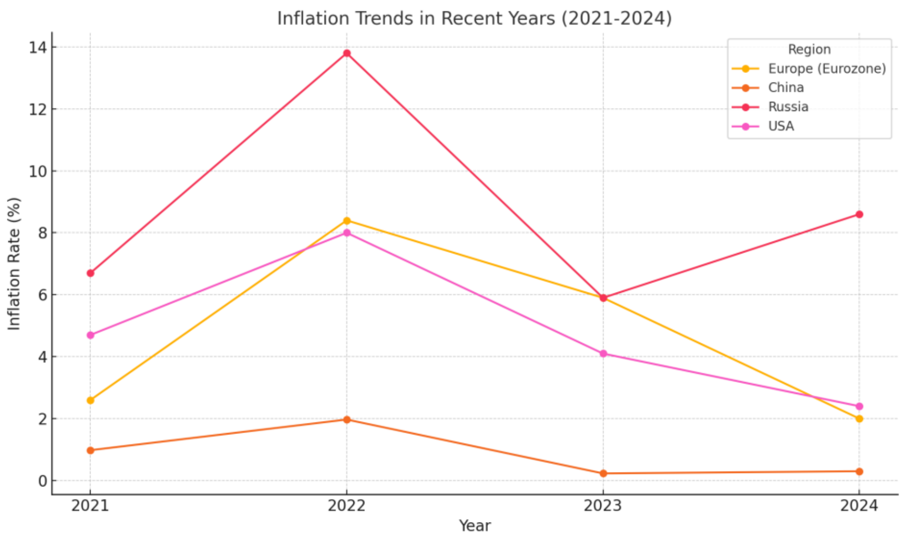
Russia: The Ukraine war caused extensive sanctions, currency depreciation, and supply chain disruptions, leading to significant price increases in 2022. High government spending, particularly on military and public services, contributed to inflationary pressures in 2023 and 2024. The Russian Central Bank implemented aggressive rate hikes to combat inflation, but sanctions and labor shortages have limited their effectiveness. Russia's economy, heavily reliant on energy exports, is also impacted by fluctuations in global energy demand and prices, which have a strong influence on inflation.

USA: Pandemic-era fiscal stimulus measures in the USA boosted consumer spending, contributing to inflation in 2021 and 2022. A strong post-pandemic labor market recovery led to wage increases, further pushing up core inflation. Supply chain disruptions, particularly in goods, also contributed to inflationary pressures. In response, the Federal Reserve aggressively raised interest rates in 2022 and 2023, which helped moderate inflation more quickly than in Europe.

The speed and approach to monetary and fiscal policy interventions vary widely across the regions. The USA and Russia have adopted aggressive rate hikes, while China relies on direct market interventions and Europe has taken a more gradual approach. The USA's consumption-driven economy contrasts with China's export-driven model and Europe's energy-dependent economies. Energy dependence and geopolitical factors, such as the Russia-Ukraine war, have had a more significant impact on Europe and Russia compared to the USA and China.

These diverse influences highlight the complexity of inflation dynamics and the need for tailored policy measures in each region.

Here is a graph comparing inflation trends in Europe (Eurozone), China, Russia, and the USA from 2021 to 2024. The data highlights distinct inflationary patterns, with notable peaks in Europe, Russia, and the USA during 2022 due to global economic disruptions, while China's inflation has remained consistently low, reflecting unique economic conditions and deflationary pressures.



Source: created by the author

Figure 1. Inflation (2021-2024)

Figure 1 illustrates also stark contrasts: Europe and Russia faced sharp inflationary spikes, while the USA exhibited a moderate but steady decline, and China maintained consistently low inflation. These patterns underline the critical role of region-specific policies and external shocks. Moving forward, resilience strategies such as supply chain reform, energy diversification, and sustainable fiscal and monetary policies will be crucial for mitigating inflationary pressures globally.

7. CONCLUSIONS

Inflation trends from 2021 to 2024 highlight the diverse impacts of global disruptions and regional economic policies. While Europe, Russia, and the USA grappled with high inflation, China managed low rates with deflationary risks emerging later.

Europe's inflation peaked in 2022 due to energy dependence and the Ukraine war, exacerbated by delayed monetary tightening. Russia faced the most volatility, with inflation surging to 13.8% in 2022 from sanctions, geopolitical tensions, and high government spending. The USA experienced an 8% peak in 2022 but reduced inflation through aggressive Federal Reserve rate hikes. China maintained stable prices, supported by state-controlled markets and subdued consumer demand, though deflation risks rose in 2023.

Key drivers included energy market volatility (Europe and Russia), swift monetary policy responses (USA), and state intervention (China). Global supply chain disruptions had varied effects, reflecting each region's economic structure.

Moving forward, energy independence, fiscal discipline, and structural reforms are essential for Europe and Russia. China must stimulate domestic consumption sustainably, and the USA must balance inflation control with long-term growth. Resilient supply chains and collaborative energy transitions will be critical to mitigating future inflationary shocks.

REFERENCES:

[1]. Blanchard, O.; Johnson, D. (2013) *Macroeconomics*. 6th ed. Boston: Pearson Education

[2]. Cecchetti, S.G. (2008) *Monetary Policy and Inflation*, Journal of Economic Perspectives, 22(1), pp. 53-72

[3]. Dobre, A.C. (2021) *Considerations on business and trade negotiation*, Annals of the University of Petroşani, Economics 21, pp. 127–136

[4]. Dobre, A.C. (2020) *Finance evolution through AI and new emerging technologies*, Annals of the University of Petroşani. Economics 20, pp. 87–94

[5]. Drigă, I.; Guţă, A.J.; Niţă, D. (2010), *Interest Rate Risk Management in Banking*, Revista Tinerilor Economişti, 8(14), pp. 41-48

[6]. Drigă, I., Niţă, D., Dura, C. (2010) *Credit Risk Analysis at the Level of an Operative Branch of the Bank*, Revista Economia. Seria Management, 13(2), pp. 378-390

[7]. King, S.D. (2023) *We Need to Talk about Inflation: 14 Urgent Lessons from the Last 2,000 Years*, Yale University Press, New Haven

[8]. Krugman, P. and Wells, R. (2018) *Macroeconomics*, 5th ed. New York: Worth Publishers

[9]. Mankiw, N.G. (2020) *Principles of Economics*, 8th ed. Boston: Cengage Learning.

[10]. Mattick, P. (2023) *The return of inflation: money and capital in the 21st century,* Reaktion Books, London

[11]. Taylor, J.B. (2017) *The Taylor Rule and the Future of Monetary Policy*, Journal of Economic Perspectives, 31(3), pp. 135-146

[12]. European Central Bank (2024) *Inflation dynamics and the economic outlook for the euro area*, Available at: https://www.ecb.europa.eu/press/economic-bulletin/focus/2024/html/ecb.ebbox 202403_01~05bd9f791d.en.html

[13]. **European Commission** (2024) *Euro area annual inflation rate jumps to 8.2% in 2024*, Available at: https://ec.europa.eu/eurostat/web/products-euro-indicators/w/2-17012024-ap

[14]. **IMF** (2021) *World Economic Outlook: Recovery During a Pandemic*, International Monetary Fund. Available at: https://www.imf.org

[15]. **InflationData.com** (2024) *Current inflation rate*, Available at: https://inflationdata.com/Inflation/Inflation_Rate/CurrentInflation.asp?reloaded=true

[16]. **Investopedia** (2024) *Inflation rate by year*, Available at: https://www.investopedia.com/inflation-rate-by-year-7253832 [Accessed 18 November 2024]

[17]. **JPMorgan** (2024) *Economic outlook and CPI report, August 2024*, Available at: https://www.jpmorgan.com/insights/outlook/economic-outlook/cpi-report-august-2024

[18]. **The Moscow Times** (2024) *Russia's Central Bank raises rates to 19% as inflation ticks up*, Available at: https://www.themoscowtimes.com/2024/09/13/russias-central-bank-raises-rates-to-19-as- inflation-ticks-up-a86365

[19]. **Trading Economics** (2024) *Euro area inflation rate*, Available at: https://tradingeconomics.com/euro-area/inflation-cpi

[20]. **World Data** (2024) *China inflation rates,* Available at: https://www.worlddata.info/asia/china/inflation-rates.php