A brewing storm for Arabica coffee

Published 27 February 2025

Aneeka Gupta
Director, Macroeconomic Research

Key Takeaways

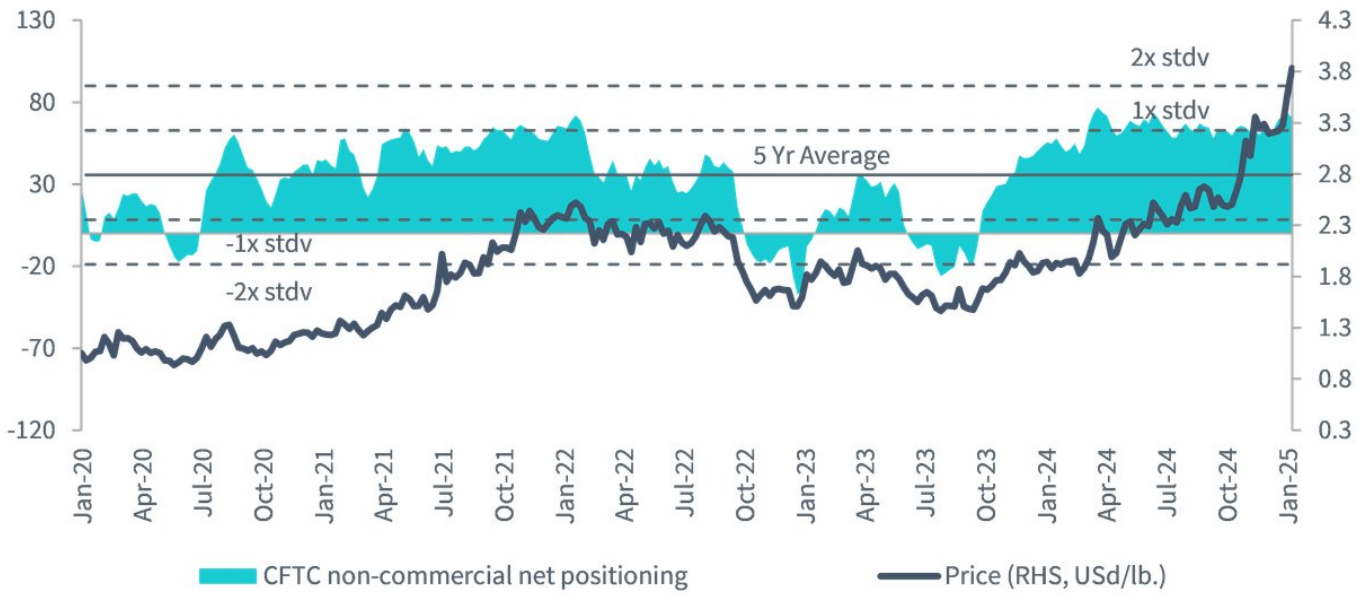
- Surging Arabica prices reflect extreme weather, market speculation, and shrinking global supply.
- Climate patterns and crop cycles suggest further supply pressures, keeping prices volatile.
- Regulatory shifts and stockpiling add to short-term tightness, but a price correction is possible in 2025.

Arabica coffee prices have experienced unprecedented volatility, with futures surpassing $4.30 per pound on February 10, marking the 13th consecutive record-setting session1. This surge is attributed to a confluence of climatic challenges, speculative trading activities, and inherent agricultural cycles.

Speculative trading and market volatility

The recent price escalation is significantly influenced by speculative trading. Increased margin requirements by the Intercontinental Exchange (ICE) have led traders to liquidate short positions, intensifying upward price momentum. The ICE raised margins by 10% to $10,410 per Arabica contract, nearly double from a year ago, requiring an initial daily payment of around $62,000 to trade 100 metric tons of Arabica2. This financial pressure has prompted some traders to exit the market, further reducing liquidity and amplifying price fluctuations. Over the past year, short positioning has declined by 64% while long positioning has risen only 1%3. Net speculative positioning is currently more than 1 standard deviation above the 5-year average evident from the chart below.

Figure 1: Net speculative positioning Arabica coffee futures



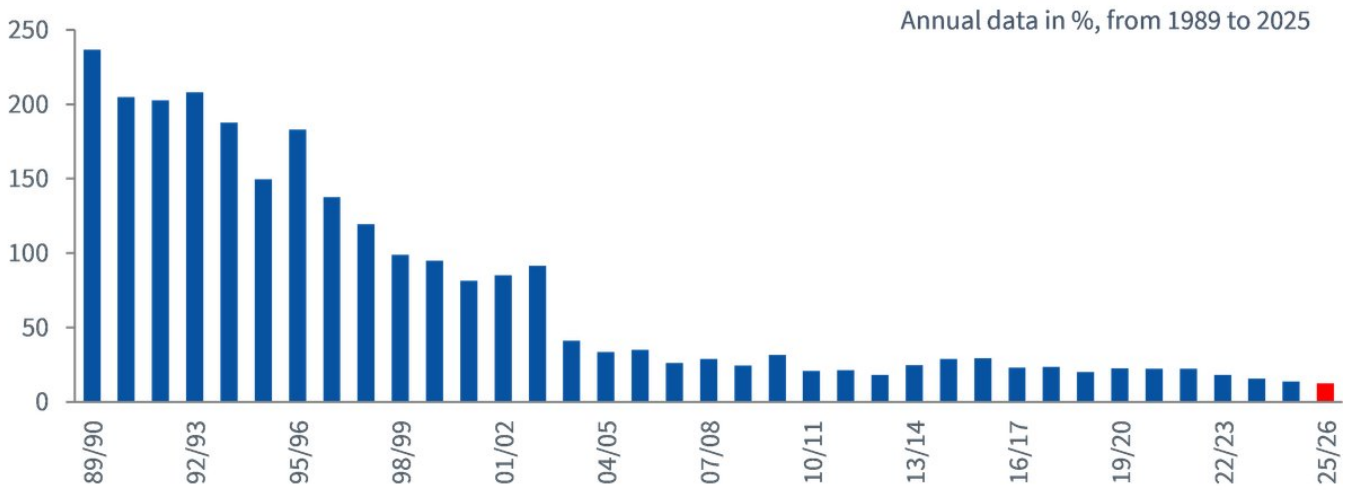
Source: Commodity Futures Trading Commission, Bloomberg, WisdomTree as of 4 February 2025. **Historical performance is not an indication of future performance, and any investments may go down in value.**

Drought conditions in Brazil

Brazil, the world's leading Arabica producer, has faced prolonged drought conditions since April 2024. These adverse weather patterns have significantly impacted coffee trees during their critical flowering stage, leading to concerns over reduced yields for the 2025/26 harvest. The drought-induced stress on coffee plants has been a primary driver behind the escalating prices.

According to the latest estimates by the United States Department of Agriculture (USDA), Brazil's 2024/25 total coffee production is forecasted at 66.4mn bags4. Brazil's coffee exports hit record highs in 2024 as they expanded their share of the global market, filling a gap left by other large producers such as Vietnam and Indonesia. According to USDA, ending stocks in 2024/255 are expected to be 1.24mn bags, marking a 26.4% decline versus 2023/24. As of 2025, the global coffee stocks-to-use ratio stands at approximately 12.42%, reflecting a constrained supply scenario6.

Figure 2: Coffee stocks-to-use ratio reflects a constrained supply scenario



Source: United States Department of Agriculture, WisdomTree as of 31 December 2024. **Historical performance is not an indication of future performance, and any investments may go down in value.**

Biennial bearing cycle

Arabica coffee plants exhibit a biennial bearing cycle, characterised by alternating years of high and low yields. The 2024/25 season was an 'on-year', typically associated with higher production. However, due to the prevailing drought, even this 'on-year' did not meet expected output levels. Looking ahead, the 2025/26 season is an 'off-year', which traditionally yields lower production. Coupled with the current climatic challenges, this cyclical downturn is anticipated to exacerbate supply constraints, further influencing price trajectories.

La Niña phenomenon

The La Niña event, characterised by cooler-than-average sea surface temperatures in the central and east-central Pacific Ocean, has been in effect since January 2025. Historically, La Niña influences global weather patterns, often bringing drier conditions to South America. The National Oceanic and Atmospheric Administration (NOAA) projects a 66% chance of La Niña persisting through February-April 2025, with a transition to neutral conditions likely by March-May 20257. The phenomenon could lead to lower temperatures and frost in Southeast Brazil, intense rains in Indonesia and Colombia, and increased risks of tropical storms and hurricanes in Central America. In Southeast Brazil, lower temperatures and greater risks of frost threaten coffee crops. Indonesia may experience harvest delays or interruptions due to more intense rains, especially in Sumatra. Vietnam experiences negative temperature anomalies during the phenomenon, but their impact on yields remains uncertain. In Colombia and Guatemala, more intense rainfall can damage trees or increase susceptibility to disease.

Regulatory impact

The European Union's Deforestation Regulation (EUDR) aims to curb imports of commodities linked to deforestation, including coffee. Originally set for enforcement by the end of 2024, the regulation's implementation has been postponed by one year to December 2025. This delay offers producers additional time to adapt to stringent traceability requirements. Despite the postponement, the impending regulation has already influenced market dynamics, with European importers accelerating purchases to build inventories ahead of the compliance deadline. This pre-emptive buying has contributed to tightening global supplies and escalating prices.

Market outlook

While current prices reflect immediate supply concerns, market analysts anticipate potential easing in the longer term. A Reuters poll suggests that Arabica coffee prices could decline by approximately 30% by the end of 2025, contingent upon improved weather conditions and a resultant rebound in production8. However, this projection is predicated on the assumption of favourable climatic developments and the absence of unforeseen disruptions. In summary, the Arabica coffee market is navigating a period of significant volatility, driven by climatic adversities, speculative trading, and inherent agricultural cycles.

1 Bloomberg as of 19 February 2025.
2 Reuters as of 12 February 2025.
3 Commodity Futures Trading Commission from 6 February 2024 to 4 February 2025.
4 Coffee stocks-to-use ratio sourced from USDA reports.
5 Ibid.
6 United States Department of Agriculture as of December 2024. The stocks-to-use ratio is a critical metric in the coffee industry, representing the proportion of ending stocks relative to total consumption
7 National Oceania and Atmospheric Administration as of 13 February 2025.
8 Reuters Poll as of 13 February 2025

Important Risks Related to this Article

Important Information

Marketing communications issued in the European Economic Area ("EEA"): This document has been issued and approved by WisdomTree Ireland Limited, which is authorised and regulated by the Central Bank of Ireland.

Marketing communications issued in jurisdictions outside of the EEA: This document has been issued and approved by WisdomTree UK Limited, which is authorised and regulated by the United Kingdom Financial Conduct Authority.

WisdomTree Ireland Limited and WisdomTree UK Limited are each referred to as "WisdomTree" (as applicable). Our Conflicts of Interest Policy and Inventory are available on request.

For professional clients only. The information contained in this document is for your general information only and is neither an offer for sale nor a solicitation of an offer to buy securities or shares. This document should not be used as the basis for any investment decision. Investments may go up or down in value and you may lose some or all of the amount invested. Past performance is not necessarily a guide to future performance. Any decision to invest should be based on the information contained in the appropriate prospectus and affer seeking independent investment, tax and legal advice.

The application of regulations and tax laws can offen lead to a number of different interpretations. Any views or opinions expressed in this communication represent the views of WisdomTree and should not be construed as regulatory, tax or legal advice. WisdomTree makes no warranty or representation as to the accuracy of any of the views or opinions expressed in this communication. Any decision to invest should be based on the information contained in the appropriate prospectus and affer seeking independent investment, tax and legal advice.

This document is not, and under no circumstances is to be construed as, an advertisement or any other step in furtherance of a public offering of shares or securities in the United States or any province or territory thereof. Neither this document nor any copy hereof should be taken, transmitted or distributed (directly or indirectly) into the United States.

Although WisdomTree endeavours to ensure the accuracy of the content in this document, WisdomTree does not warrant or guarantee its accuracy or correctness. Where WisdomTree has expressed its own opinions related to product or market activity, these views may change. Neither WisdomTree, nor any affiliate, nor any of their respective officers, directors, partners, or employees accepts any liability whatsoever for any direct or consequential loss arising from any use of this document or its contents.