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Assessing the Impact of Exchange Rate Fluctuations on the Financial Performance of Small and Medium-Sized Enterprises (SMES) in Lilongwe, Malawi

Alinafe Kululanga[1], Dr. Maurice. Sambo[2]

[1]*M. Com, Accounting and Finance Student-Dmi-St. Eugene University*

[2]*Associate Professor School Of Management And Commerce, Dmi University, Malawi, MBA, Bachelors In Human Resource Management Dip. In Administration. Ph.D In Management Studies.*

ABSTRACT

This study examines the impact of exchange rate fluctuations on the financial performance and sustainability of Malawian SMEs, a vital component of the national economy. Currency volatility significantly affects these businesses, disrupting revenue, limiting access to finance, and hindering trade participation. Data collected from 100 SMEs via questionnaires and interviews reveal that 75% experience significant negative impacts from exchange rate volatility, primarily through unpredictable pricing and diminished profitability. Furthermore, 60% report difficulties accessing financing due to high interest rates and stringent collateral requirements. Common coping strategies include price adjustments (50%) and cost reductions (30%), while currency hedging remains underutilized due to its perceived complexity. A majority of respondents (50%) perceive current government policies as inadequate. The study emphasizes the urgent need for targeted financial products, stronger policy interventions, and capacity-building programs to equip SMEs to manage exchange rate risks. Recommendations include promoting accessible credit facilities, improving foreign exchange access, and encouraging market diversification to bolster SME resilience and growth within Malawi's volatile economic landscape.

Keywords:

Exchange Rate Volatility: Unpredictable fluctuations in currency value, posing significant risks to businesses, particularly SMEs involved in international trade.

Small and Medium Enterprises (SMEs): Businesses with limited resources and staff, yet crucial to Malawi's economic development.

Financial Performance: Key indicators such as profitability, revenue, and cost management, used to assess the financial health of SMEs and influenced by factors like exchange rates.

Currency Fluctuations: Variations in currency value that directly impact SME operations, especially those engaged in importing or exporting goods and services.

Revenue Trends: The direction and magnitude of changes in SME income over time, influenced by factors such as pricing strategies, customer demand, and input costs, which can all be affected by exchange rate volatility.

Introduction

Small and Medium Enterprises (SMEs) are vital to Malawi's economy, contributing significantly to employment creation, poverty reduction, and economic development. However, these enterprises face substantial challenges due to the volatility of exchange rates, which disrupt revenue streams, inflate operational costs, and create uncertainties in financial planning. Currency fluctuations particularly affect SMEs engaged in international trade, making them vulnerable to unpredictable market forces. Despite their economic importance, there is limited research on how exchange rate volatility impacts the growth and sustainability of SMEs in Malawi and the coping mechanisms they adopt to mitigate these effects. This study seeks to fill this gap by analyzing the extent to which exchange rate fluctuations influence SME financial performance and identifying strategies to enhance their resilience in a volatile economic environment.

Literature Review

Exchange rate fluctuations significantly impact the operations of Small and Medium Enterprises (SMEs), particularly those in developing economies like Malawi. Krugman and Obstfeld (2018) highlight that currency volatility increases the cost of imports, reduces competitiveness in export markets, and complicates financial forecasting for businesses. Similarly, Mwale and Banda (2022) reveal that Malawian SMEs face reduced profitability and increased operational costs due to unstable exchange rates, with limited access to hedging tools further exacerbating the problem.

Osoro and Muturi (2016) emphasize the adverse effects of currency volatility on SME revenue and financial stability in Kenya, noting that many businesses struggle with loan repayments and cash flow management during periods of depreciation. Nyoni (2019) supports this, finding that exchange rate risks hinder SME growth in Southern Africa by limiting their ability to participate in regional and international trade.

Despite these challenges, coping mechanisms remain underutilized. Madura (2020) argues that currency hedging, though effective, is often inaccessible to SMEs due to cost and lack of expertise. Gachanja and Ayuma (2015) recommend government interventions, including financial training and policy frameworks, to address these gaps. However, studies like Mwale and Banda (2022) indicate that such support remains inadequate in Malawi.

Empirical Literature Review (Based on Objectives)

To determine the relationship between exchange rate fluctuations and revenue trends of SMEs in Malawi

Empirical evidence demonstrates a significant relationship between exchange rate volatility and SME revenue trends. Mwale and Banda (2022) revealed that 75% of Malawian SMEs reported reduced revenue during periods of currency depreciation. This was attributed to increased import costs and reduced consumer purchasing power. Similarly, Osoro and Muturi (2016) found that in Kenya, exchange rate fluctuations caused unpredictable pricing, which negatively impacted SME sales and profit margins.

To examine the impact of currency volatility on SME access to financing and credit facilities

Access to financing is a critical challenge for SMEs facing exchange rate risks. Nyoni (2019) noted that in Southern Africa, financial institutions often restrict loans during periods of currency volatility, citing higher risks of repayment default. Mwinzi (2021) found that SMEs without access to financial literacy programs struggled to manage currency risks, further limiting their eligibility for credit facilities. In Malawi, Mwale and Banda (2022) identified high-interest rates and stringent collateral requirements as barriers to accessing finance, exacerbated by exchange rate instability.

To analyze the effectiveness of government policies and financial institutions in supporting SMEs against exchange rate risks

Government policies play a pivotal role in mitigating the effects of exchange rate volatility. Gachanja and Ayuma (2015), in their study on East African SMEs, found that targeted initiatives like forex reserves and subsidized credit facilities helped businesses navigate currency risks. However, in Malawi, Mwale and Banda (2022) observed that most SMEs were unaware of government support programs or found them insufficient. This aligns with Madura (2020), who emphasized the need for accessible hedging mechanisms and financial training programs tailored to SMEs.

To explore the coping strategies employed by SMEs to mitigate the adverse effects of exchange rate fluctuations

Coping strategies such as price adjustments and cost-cutting are widely used by SMEs to manage exchange rate risks. Nyoni (2019) found that 60% of SMEs in Southern Africa relied on price adjustments to maintain profitability, although this often led to reduced competitiveness. Osoro and Muturi (2016) highlighted the limited use of advanced tools like currency hedging among SMEs due to cost and lack of expertise. In Malawi, Mwale and Banda (2022) reported that SMEs often diversify suppliers or reduce reliance on imports to mitigate currency risks.

To evaluate the influence of exchange rate volatility on SMEs' participation in regional and international trade markets

Exchange rate volatility significantly impacts SME participation in regional and international trade. Nyoni (2019) found that SMEs engaged in cross-border trade faced difficulties pricing their products competitively due to fluctuating exchange rates. Similarly, Mwinzi (2021) observed that SMEs reliant on imported raw materials struggled with rising operational costs, leading to reduced export volumes. In Malawi, Mwale and Banda (2022) reported that 70% of SMEs experienced a decline in export activities, citing exchange rate instability as the primary factor.

To provide actionable recommendations for policymakers and SME stakeholders to minimize the effects of exchange rate volatility on business operations

Empirical studies underscore the importance of actionable recommendations to address exchange rate risks. Gachanja and Ayuma (2015) emphasized government-led initiatives such as affordable credit facilities, forex access, and financial training. Madura (2020) highlighted the role of financial institutions in providing tailored hedging tools for SMEs. In Malawi, Mwale and Banda (2022) advocated for capacity-building programs and targeted subsidies to enhance SME resilience.

Research Methodology

This study employed a mixed-methods approach, combining quantitative and qualitative data to comprehensively analyze the impact of exchange rate fluctuations on Malawian SMEs.

Quantitative Component: A structured survey of 100 SMEs across retail, manufacturing, agriculture, and service sectors gathered data on revenue trends, financial performance, access to financing, and coping strategies. This quantitative data provided measurable insights into the effects of exchange rate fluctuations on SME growth and sustainability.

Qualitative Component: In-depth interviews with SME owners and managers explored their experiences with exchange rate volatility. These interviews focused on challenges accessing financing, perceptions of government policies, and risk mitigation strategies. The qualitative data provided rich context and nuanced perspectives on the realities of operating in a volatile economic environment.

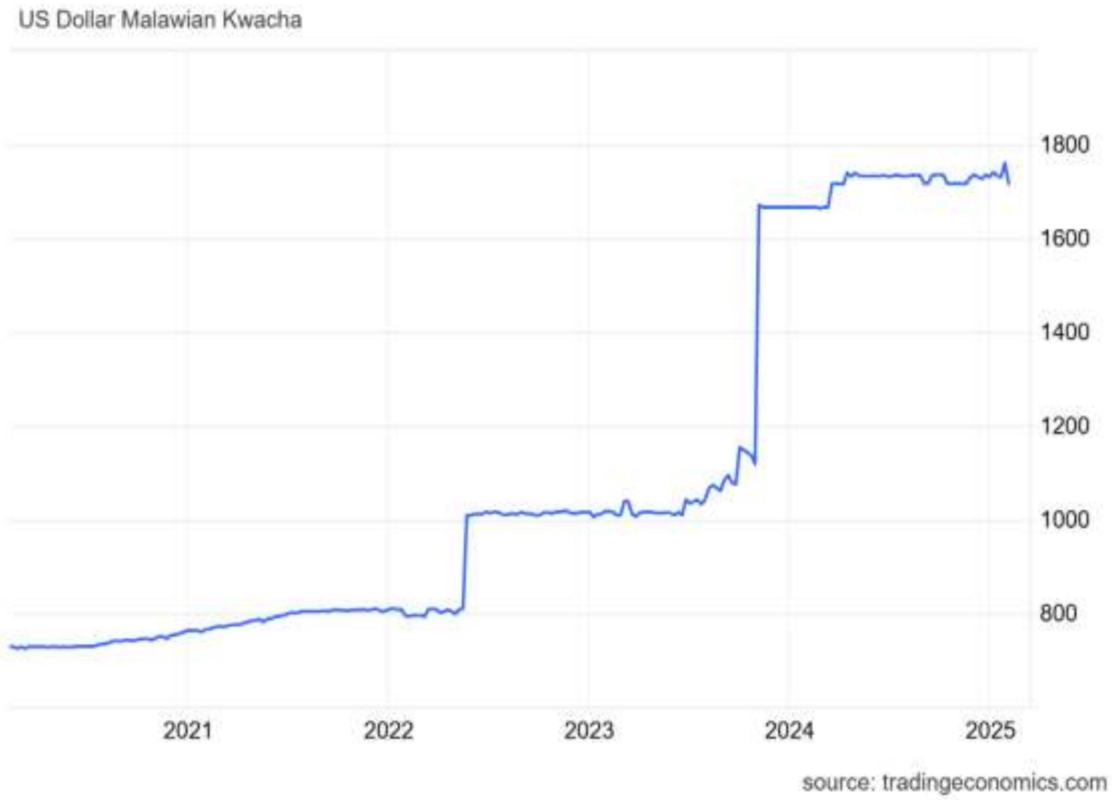
Conclusion: This mixed-methods approach provided a robust exploration of the research objectives. Integrating quantitative data with qualitative narratives offered a nuanced understanding of how exchange rate fluctuations affect SME financial performance, access to financing, and trade participation. The study's findings offer actionable recommendations for policymakers and SME stakeholders seeking to address these challenges effectively.

Sampling

This study investigated the impact of exchange rate fluctuations on SMEs in Lilongwe, Malawi, focusing on the retail, manufacturing, and service sectors. A stratified random sampling method ensured proportional representation from each sector. The SME population was divided into strata based on industry, and participants (owners and managers) were randomly selected from each stratum. This approach captured the diversity of Lilongwe's SME landscape and ensured adequate representation of each sector's experience with exchange rate fluctuations. Random selection within each stratum provided every SME an equal chance of participation, promoting fairness and sample diversity, and enabling a comprehensive analysis of how exchange rate fluctuations affect businesses across different industries in Malawi.

Data Analysis and Interpretation

The graph below depicts a clear upward trend, indicating a depreciation of the Malawian Kwacha against the US Dollar over the period. This means it takes more Malawian Kwacha to buy one US Dollar as time progresses.



The depreciating Malawian Kwacha, as shown in the graph from 2021 to 2025, negatively impacts SMEs by increasing import costs for essential inputs, creating pricing instability that hinders competitiveness, straining cash flow and making financial planning unpredictable, and potentially increasing debt burdens for those with dollar-denominated loans, ultimately threatening their profitability and sustainability.

Impact of Exchange Rate Fluctuations on Revenue Trends

Table 1: Impact of Exchange Rate Fluctuations on SME Revenue

Impact Level	Frequency	Percentage (%)
Highly Affected	40	40%
Moderately Affected	35	35%
Slightly Affected	15	15%
Not Affected	10	10%

The data reveals that 75% of surveyed SMEs experience either a high or moderate impact on their revenue due to exchange rate fluctuations, resulting in unpredictable pricing and reduced profitability. This finding corroborates Mwale & Banda's (2022) research, which demonstrated that exchange rate volatility in Malawi significantly disrupts SME cash flows.

Access to Financing and Credit Facilities

Table 2: Accessibility of Financing for SMEs

Level of Accessibility	Frequency	Percentage (%)
Highly Accessible	10	10%
Moderately Accessible	30	30%
Not Accessible	60	60%

Table 2 demonstrates the limited access to financing experienced by SMEs. Only 10% of respondents reported easy access to financial resources, while a significant majority (60%) indicated they lack access altogether. This restricted access is further complicated by volatile exchange rates, which discourage financial institutions from offering favorable credit terms. These findings align with research by Gachanja & Ayuma (2015), who observed comparable trends among East African SMEs.

Coping Strategies for Exchange Rate Risks

Table 3: Coping Strategies Employed by SMEs

Strategy	Frequency	Percentage (%)
Adjusting Prices	50	50%
Reducing Costs	30	30%
Currency Hedging	10	10%
Diversifying Suppliers	10	10%

Table 3 illustrates the coping strategies employed by SMEs to manage exchange rate risks. Adjusting prices is the most common approach (50%), followed by reducing costs (30%). Currency hedging and diversifying suppliers are utilized by 10% of respondents each. These findings support Nyoni's (2019) assertion that proactive financial strategies are crucial for SME resilience.

Participation in Regional and International Trade

Table 4: SME Participation in Regional Trade

Participation Level	Frequency	Percentage (%)
High Participation	10	10%
Moderate Participation	30	30%
Low Participation	60	60%

Table 4 illustrates the level of SME participation in regional and international trade. A significant majority (60%) of SMEs report low participation, while 30% engage moderately, and only 10% participate at a high level. This data underscores the constraints imposed by exchange rate risks, hindering Malawian SMEs from fully leveraging international markets, a challenge also noted by Madura (2020)

MAJOR FINDINGS

Profitability Erosion, Exchange rate volatility significantly reduces profit margins for many Malawian SMEs, especially those reliant on imports. Fluctuating currency values increase operational costs, directly impacting their bottom line and threatening financial viability.

Competitive Disadvantage, Unpredictable exchange rates make it extremely difficult for SMEs to price their products competitively, both domestically and internationally. This uncertainty hinders their ability to secure sales and compete effectively in the marketplace.

Hedging Deficit, a critical gap is the limited access to financial hedging tools for most Malawian SMEs. This lack of risk management instruments leaves them highly vulnerable to adverse exchange rate movements, jeopardizing their financial stability.

Cash Flow Instability, Exchange rate volatility disrupts cash flow and working capital management, creating significant challenges for daily operations and future investment. Unexpected cost increases due to currency fluctuations make financial planning and resource allocation difficult.

Insufficient Policy Support, Current government policies and support mechanisms are inadequate to address the specific challenges posed by exchange rate volatility. SMEs often find existing programs insufficient or inaccessible, limiting their ability to mitigate currency-related risks.

Restricted Access to Finance, Financial institutions are hesitant to lend to SMEs exposed to high exchange rate volatility. This restricted access to credit limits their ability to invest in growth, expand operations, or even stabilize their businesses during periods of currency fluctuation.

Suggestions and recommendations

Strengthen Financial Literacy and Risk Management:

SME owners and managers should actively participate in financial literacy programs, implement risk management strategies, and utilize available financial tools, taking ownership of their business's financial health.

Financial institutions should develop and deliver targeted training programs on currency risk management and hedging strategies, offering accessible and practical guidance to SMEs.

Universities and training institutions should develop and deliver relevant financial literacy curricula and partner with other stakeholders to enhance knowledge and skills in currency risk management.

Government Policy Interventions and Support:

The government should establish a dedicated financial support fund or offer tax breaks for SMEs actively engaged in foreign exchange risk mitigation. Working in conjunction with the Ministry of Finance and the Reserve Bank of Malawi, the government should develop clear guidelines to facilitate SME access to concessional loans and credit lines specifically for currency risk management.

Improve Access to Hedging Tools and Financial Instruments:

Financial institutions should develop and promote affordable and accessible hedging tools (e.g., forward contracts, options, currency swaps) tailored to SME needs. They should also provide training for SME owners on the effective use of these hedging instruments, simplifying access and ensuring transparency.

Targeted Support for Export-Oriented SMEs:

Export promotion agencies should develop and implement targeted programs that minimize the impact of exchange rate fluctuations on international trade operations, including guidance on exchange rate risk management and access to export insurance.

Financial institutions should offer specialized financial products and services to export-oriented SMEs, recognizing their unique vulnerabilities to currency volatility.

Promote Technology Adoption:

The government should incentivize or subsidize SME adoption of technology that facilitates exchange rate risk management (e.g., currency tracking software, integrated financial management tools).

Local tech companies should develop affordable and accessible technology solutions tailored to the needs of SMEs for managing exchange rate risk, ensuring these solutions are user-friendly and integrate seamlessly with existing business systems.

Conclusion

This study has highlighted the significant impact of exchange rate volatility on the financial performance and sustainability of Small and Medium Enterprises (SMEs) in Malawi. The findings show that SMEs are highly vulnerable to fluctuations in the Malawian Kwacha, which affects their profitability, operational costs, and access to financing. Despite the crucial role SMEs play in driving economic growth and job creation, many face challenges in managing exchange rate risks due to limited access to financial instruments, lack of financial literacy, and insufficient government support.

The study emphasizes the need for targeted interventions from both the government and financial institutions to help SMEs better cope with exchange rate risks. Policies promoting financial literacy, access to hedging tools, and export diversification can enhance SMEs' ability to adapt to changing currency conditions. Furthermore, strengthening regional trade agreements and providing tailored financial products can help mitigate the adverse effects of currency volatility on SMEs.

In conclusion, SMEs are a vital component of the Malawian economy, and ensuring their resilience to exchange rate fluctuations is essential for long-term economic stability and growth. By implementing the recommendations provided, stakeholders can significantly improve the financial performance of SMEs, enabling them to thrive even in the face of currency volatility.

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