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COMMENTARY

South Africa's Township Economy: Macro Constraints, Strategic Interventions, and the Provincial Outlook for KwaZulu-Natal

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1. Introduction

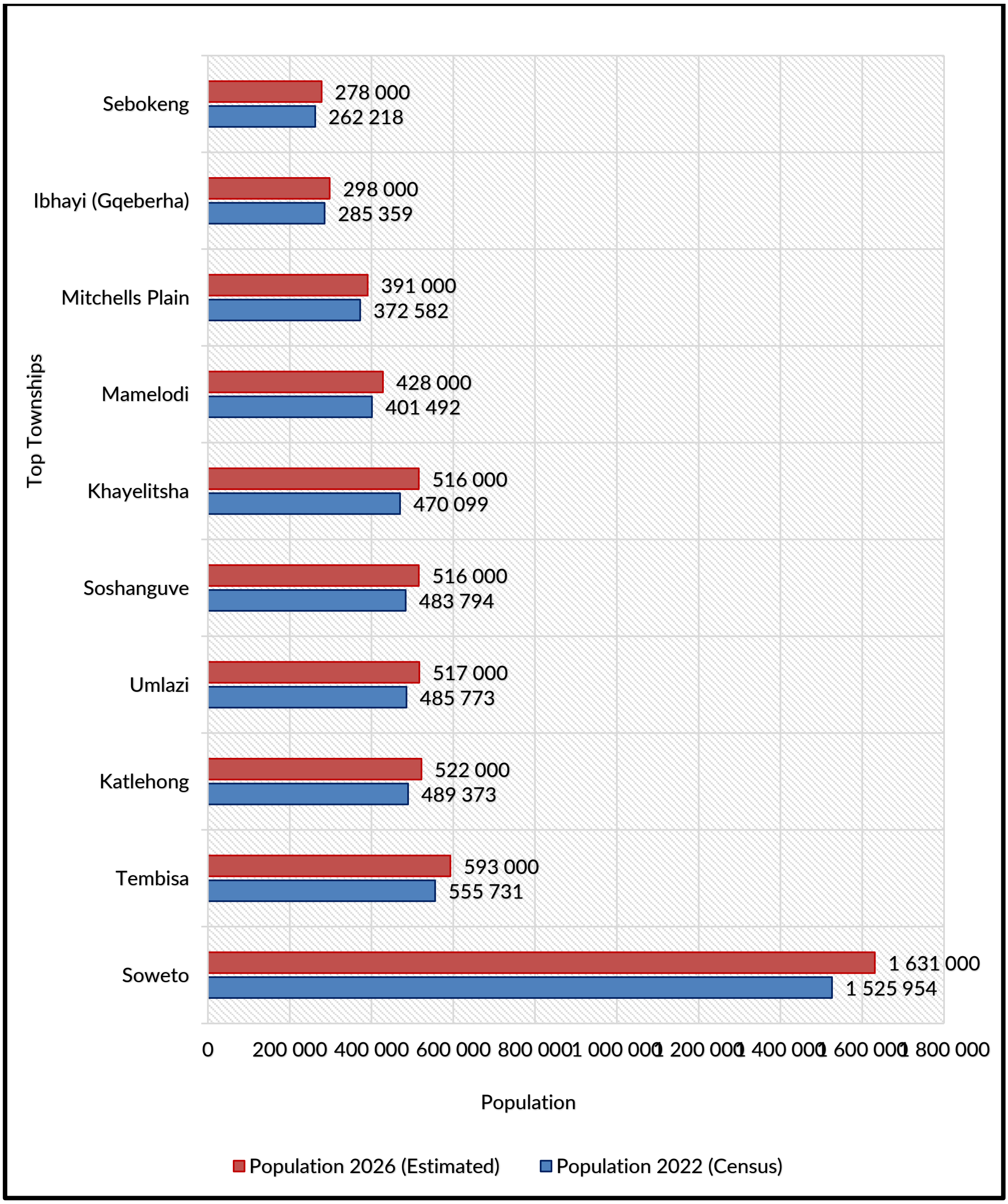
South Africa's township economy has long been described as a site of untapped potential. Home to approximately 38% of the country's working-age population, townships generate an estimated annual turnover of between R90 billion and R120 billion across informal and formal small, micro, and medium enterprises (SACityNet, 2024). More recent estimates suggest the township economy may be worth nearly R900 billion annually, representing almost 20% of national employment (Standard Bank, 2025; 27four Investment Managers, 2025). Yet, despite this economic activity, township-based businesses remain systematically under-resourced, under-capitalised, and disproportionately vulnerable to external shocks.

According to foundational datasets from the World Bank, approximately half of South Africa's total urban population resides within townships and peripheral informal settlements. Crucially, these spatial nodes warehouse 38% of the nation's working-class citizens while simultaneously absorbing a staggering 60% of its total unemployed population. For the Moses Kotane Research Institute (MKRI), understanding the lived reality of township entrepreneurs is not an abstraction it is a prerequisite for evidence-based provincial planning. In KwaZulu-Natal (KZN), townships such as Umlazi, KwaMashu, Inanda, Lamontville, Chesterville, and Edendale face serious socio-economic challenges, including high youth unemployment, inequality, crime, and limited access to economic opportunities.

The township economy remains fragile. The lingering effects of the energy crisis, rising transport costs, limited access to finance, and regulatory inconsistencies have constrained growth. More recently, the global oil crisis of March 2026 which pushed Brent crude prices significantly upwards and raised domestic petrol and diesel costs has imposed a fresh layer of pressure on township enterprises (Department of Mineral and Petroleum Resources, 2026). For businesses operating on thin margins, these cumulative shocks threaten survival rather than simply slowing expansion.

To understand the scale of these operational pressures, it is necessary to examine the spatial and demographic weight of the communities these enterprises serve. The vast majority of economic activity is concentrated within a handful of hyper-dense urban settlements that hold outsized shares of the national population. Figure 1 illustrates the comparative demographic trajectory of South Africa's ten largest townships between 2022 and 2026, highlighting a uniform trend of rapid population consolidation. Following this breakdown, Table 1 provides a comprehensive structural profile of these dominant nodes, mapping their geographic footprints against their primary localized economic drivers and contemporary macro-vulnerabilities. Collectively, this data underscores why microeconomic shocks within hubs like Umlazi rapidly cross-pollinate into regional macroeconomic disruptions.

Figure 1: Top 10 Largest Townships by Population 2022 and 2026



Source: Author's compilation (2026)

Table 1: 2026 Structural & Demographic Profile of South Africa's Dominant Townships

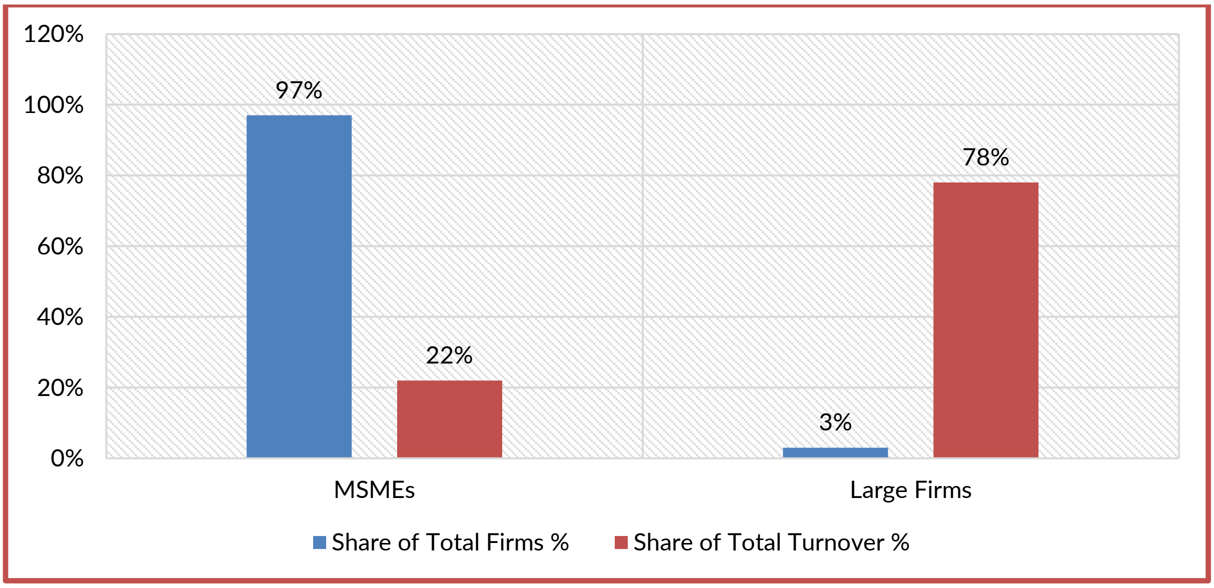
Township Name	*Metro (Province)*	*Spatial Area (km2)*	*Primary Economic Drivers & Vulnerabilities*
Soweto	City of Johannesburg (GP)	200.03	Vibrant B2C retail; high tourist foot traffic corridor; historic SMME hub.
Thembisa	City of Ekurhuleni (GP)	42.80	Densely populated commuter belt; high youth unemployment; infrastructure lag.
Katlehong	City of Ekurhuleni (GP)	55.36	High informal market activity; manufacturing input reliance; localized logistics hub.
Umlazi	eThekwini Metro (KZN)	47.46	commercial sections; primary coastal informal trading hub; high micro-retail density.
Soshanguve	City of Tshwane (GP)	126.77	High mixture of informal backroom rentals; remote geography limits market access.
Khayelitsha	City of Cape Town (WC)	38.71	Extreme population density; rapid growth of informal micro-spazas; high utility constraints.
Mamelodi	City of Tshwane (GP)	45.19	Strong localized cultural economy; vulnerable to long-distance commuter fare hikes.
Mitchells Plain	City of Cape Town (WC)	43.76	Established formal-informal retail interfaces; high exposure to security compliance costs.
Ibhayi	Nelson Mandela Bay (EC)	36.06	Coastal industrial hub links; highly exposed to manufacturing supply line volatility.
Sebokeng	Sedibeng District (GP)	46.45	Strong history of political labor mobilization; acute socio-economic infrastructure lag.

Source: Author's compilation adapted from World Bank Urban Development Unit & South Africa Lists (2026).

2. Understanding the Township Economy

The township economy is not a separate or marginal economic sphere. It is, rather, a distinctive expression of South African capitalism shaped by spatial apartheid legacies, uneven infrastructure, and exclusion from mainstream supply chains. According to the South African Township Economy Conference (2024), there are approximately 500,000 to 700,000 township-based SMMEs nationally, employing between 1.5 million and 2 million people. The Competition Commission's 2026 Concentration Report confirms that MSMEs account for 97% of all firms by number but only 22% of total turnover, highlighting the stark disparity between firm presence and economic weight (Competition Commission, 2026).

Figure 2: Market Share Disparity in the South African Economy



Source: Competition Commission (2026).

The 2025 Standard Bank survey of 250 informal township businesses across Gauteng, Western Cape, KwaZulu-Natal, Limpopo, and North-West found that the sector is predominantly led by South African males aged 35 to 54, deeply embedded in their communities. A striking 80% of businesses are unregistered, which directly limits their access to formal funding and markets. While 60% of businesses report some growth since starting, a substantial minority 35% have remained stagnant, and 5% have experienced decline, primarily due to rising input costs, limited market access, and poor financial planning (Standard Bank, 2025). The retail backbone of the township economy is the spaza shop. Roughly 200,000 spaza outlets generate an estimated R190 billion annually, contributing 5.2% of GDP and providing jobs for 2.6 million people. An additional 50,000 fast-food outlets add another R90 billion per year. In the financial sphere, the stokvel sector comprises 800,000 groups with 11.4 million members and is worth approximately R50 billion (27four Investment Managers, 2025).

Beyond the retail dominance of spaza shops, the township economy suffers from a stark 'missing middle' structural gap. While informal retail absorbs immediate household cash, high-value-add sub-sectors such as specialized automotive repair, light metal fabrication, clothing textiles, and backyard residential real estate development remain statistically obscured and under-capitalised. These micro-enterprises are uniquely constrained by South Africa's highly consolidated Fast-Moving Consumer Goods (FMCG) and industrial supply chains. Because dominant corporate retail monopolies leverage massive buyer power and exclusive supplier rebates, independent township micro-enterprises are systematically forced to buy inputs at retail premium rates rather than competitive wholesale costs, capping their ability to scale organically.

Figure 2: Township Household Expenditure Flow and Value Leakages

Source: Author's analysis (2026)

Money flows sequentially from daily survival spending (spazas, butchery, bakery) through weekly personal care (barbers, fast food) and monthly discretionary retail (clothing), before being absorbed by fixed costs (rent, transport, funerals). Residual funds circulate B2B via panel beaters and metal fabricators who service minibus taxis and backroom landlords and eventually outward to formal malls.

3. Persistent Structural Constraints

3.1. Energy Instability and Its Lingering Effects

Although loadshedding was largely eliminated from April 2024 onward, the legacy of the energy crisis continues to shape township business operations. During the peak years of 2022–2023, township enterprises experienced severe disruptions. A 2023 survey by Nedbank and the Township Entrepreneurs Alliance (TEA) found that 66% of surveyed township businesses shed jobs due to loadshedding-induced financial losses, and 64% ceased operations entirely when power cuts occurred (Nedbank/TEA, 2023). For manufacturing enterprises within townships such as clothing and upholstery businesses the damage was particularly severe. 83% of manufacturers reported laying off workers, typically between two and five employees per firm (Nedbank/TEA, 2023). Many township entrepreneurs could not afford backup generators, with setup costs quoted between R50,000 and R500,000. Those who purchased generators faced ongoing fuel and maintenance expenses that frequently exceeded the revenue generated during limited operating hours. Today, while the immediate crisis has passed, many township businesses have not recovered their pre-2022 turnover levels. Moreover, the widespread installation of rooftop solar in affluent suburbs has not reached most township enterprises, where upfront capital remains prohibitive. The scale of this energy divide is stark. While solar uptake in townships grew at 140 % annually between 2016 and 2023, suburban areas still outpace adoption by a factor of 73: suburban residents have an average of 3.5 square metres of solar panel area per person, compared to just 0.048 square metres per person in townships (27four Investment Managers, 2025). This spatial inequality in energy resilience is a persistent drag on township productivity.

3.2. Transport Costs and Mobility Barriers

Township enterprises depend heavily on road transport for sourcing stock, delivering goods, and enabling employee commutes. This dependence makes them acutely sensitive to fuel price movements. The minibus taxi industry, which is the primary mode of transport for most township residents and entrepreneurs, passes higher fuel costs directly to commuters. Data from the eThekwini Transport Authority (2025) indicates that average taxi fares on major township routes such as Umlazi to Durban CBD increased by 18% between January 2025 and March 2026. For a township business owner who commutes daily and also uses taxis to distribute stock, this represents a direct reduction in disposable business income. For customers, higher fares reduce foot traffic to township retail outlets.

3.3. Access to Finance and Formal Markets

Access to finance remains the most persistent barrier facing township enterprises. Standard Bank's (2025) survey found that nearly 80% of township businesses are unregistered, a reality that excludes them from access to formal funding, markets, and digital tools. Furthermore, the majority of businesses are self-funded 57% with only a tiny fraction receiving assistance from government institutions such as the National Youth Development Agency or the Department of Small Business Development (Standard Bank, 2025). The Competition Commission of South Africa (2026) confirms that MSMEs accounted for only 22 % of total market turnovers in 2021, down from 24% in 2017. This decline occurred despite MSMEs recording higher firm growth rates 17% than large firms 10% over the same period. The disparity between firm growth and market share growth indicates that new MSMEs are entering the market but failing to capture economic weight a classic symptom of barriers to expansion rather than barriers to entry. The Standard Bank research also highlights a critical distinction within the informal economy between South African-owned and foreign-owned SMEs. South African owned businesses tend to be traditional, reactive, and inward focused, exhibiting resistance to change and limited strategic vision. In contrast, foreign-owned businesses particularly from Somalia, Ethiopia, Bangladesh, and Pakistan demonstrate greater agility, aspirational orientation, and customer centric innovation. They readily embrace new technologies, benefit from strong community-based support networks, and actively shape consumer behaviour by introducing new products and payment methods (Standard Bank, 2025). This dynamic has, at times, created friction between local and foreign-owned SMEs and underscores the need for inclusive support structures that level the playing field.

3.4. Regulatory and Compliance Burdens

Township enterprises face a complex and often contradictory regulatory environment. Municipal by-laws governing trading permits, zoning, and health inspections are inconsistently enforced, creating uncertainty. Many spaza shops and street traders operate in legal grey zones, unable to obtain formal permits due to restrictive zoning or unaffordable application fees. In eThekwini, the cost of a formal trading permit for a street vendor range from R500 to R1,500 annually, with additional requirements for food handling certificates and fire clearance. While not prohibitive in isolation, the cumulative administrative burden including multiple visits to municipal offices discourages formalisation. This leaves township enterprises excluded from public procurement opportunities, which typically require formal registration and tax compliance.

Table 2: Primary Operational Constraints

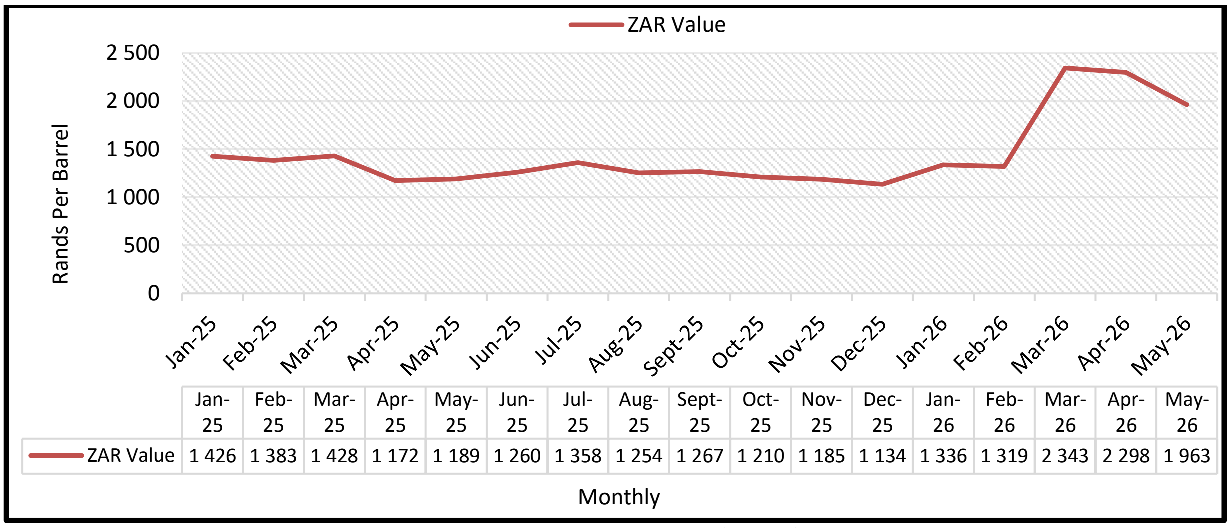
Constraint	*Percentage of Businesses*
Businesses that are unregistered	80%
Businesses that are self-funded	57%
Businesses that have never received government assistance	~90%
Businesses that have experienced stagnation or decline	40% (35% stagnant, 5% decline)
Businesses operating from home or street locations	~75%
Businesses using word of mouth as primary marketing	59%
Businesses using radio as primary marketing	59%

Source: Standard Bank, 2025

4. The Impact of the 2026 Oil Crisis on Township Enterprises

The global oil crisis of March 2026 has added a severe new pressure on township enterprises. Driven by an aggressive convergence of sudden OPEC+ production quota cuts and compounding maritime logistics blockades along primary international shipping lanes, global oil index prices spiked abruptly before showing mild demand stabilization towards the end of the second quarter. Core market variables indicate that global Brent crude prices surged from approximately USD 61 per barrel in January 2026 to over USD 93 per barrel by April 2026 an increase of more than 50% within a single quarter. Transformed into domestic metrics via the Basic Fuel Price formula, this spike pushed costs up dramatically, forcing a domestic inland high above R2,343 per barrel (Department of Mineral and Petroleum Resources, 2026).

Figure 3: Brent Crude Oil Prices Surge (January 2025 – May 2026)



Source: Author's compilation using data from macrotrends (2026)

For township businesses, the transmission channel is direct and rapid. The Basic Fuel Price formula adjusts monthly, and the DMRE announced substantial petrol and diesel price increases in April 2026. While the national government temporarily reduced the general fuel levy by R3.00 per litre from April to May 2026, pump prices remained significantly elevated compared to early 2026 levels. The consequences for township enterprises include higher transport input costs for delivery dependent businesses, increased taxi fares that reduce customer disposable income, higher wholesale prices for goods, and reduced customer foot traffic. Early indicators from eThekwini's township business associations suggest that foot traffic in April 2026 was down 10–15% compared to February 2026, severely squeezing cash flows.

5. KwaZulu-Natal in Focus

Unlike Gauteng's more industrialised township economies, KwaZulu-Natal's (KZN) township enterprises remain predominantly informal, small-scale, and concentrated in retail, prepared foods, and personal services. This makes hyper-dense trading environments like eThekwini's Umlazi township which spans and houses over residents uniquely vulnerable to macroeconomic shocks. To quantify these regional pressures, an MKRI survey revealed that severe financial exclusion (71% lacking formal credit) and extreme operational fragility (58% facing closure if costs rise by 20%) have forced local enterprises into a survival rather than a growth phase. These findings align with the Competition Commission's 2026 sectoral analysis, which highlights how local manufacturing SMMEs suffer from lingering capital depletion while informal retailers face intense margin squeeze from transport fuel hikes and large corporate supply lines. Mitigating these systemic constraints has required a series of evolving public sector interventions, the structural framework of which is rooted in long-standing national legislative mandates.

5.1. Existing Government Support Programmes and Their Reach in KZN

The structural foundation of South Africa's enterprise interventions traces back to the 1995 White Paper on Small Business and the 1996 National Small Business Development Act, which jointly emphasised the importance of SMMEs to the national economy (Dede et al., 2022). This legislative pivot led to the establishment of the Ntsika Enterprise Promotion Agency and Khula Enterprise Finance under the Department of Trade and Industry's (DTI) jurisdiction (Diale, 2008). Non-financial or business development services were handled by Ntsika, while Khula served as a wholesale financial organisation supporting a variety of retail finance intermediaries dealing directly with SMME entrepreneurs (ICC, 1999).

Recent government funding data provides a partial diagnostic of public sector support reach. Over the last two financial years, the dtic, Industrial Development Corporation (IDC), and National Empowerment Fund (NEF) collectively disbursed R885 million to 36 Black Industrialist projects located within township and rural perimeters, creating over 2,700 jobs and sustaining an additional 3,000 (dtic, IDC & NEF, 2025). Concurrently, the NEF's Spaza Shop Support Fund a blended grant and loan mechanism delivering up to R40,000 in stock grants and R50,000 in infrastructure financing received 1,705 applications worth R138 million as of July 2025. Crucially, 67% of these applications originated from KwaZulu-Natal, signaling intense provincial demand for targeted micro-capitalization.

At a provincial tier, the primary financial instrument is the Operation Vula Fund, administered by the KZN Department of Economic Development, Tourism and Environmental Affairs (EDTEA). The fund provides competitive grant capitalization to township enterprises, cooperatives, and informal traders to drive economic inclusion (KZN EDTEA, 2024). Through these direct injections, micro-enterprises across Umlazi and KwaMashu have scaled up machinery procurement and output capacities across the localized service, light manufacturing, and commodities-retail sub-sectors.

This provincial grant funding is structurally augmented by the Small Enterprise Finance Agency (SEFA), which offers alternative credit channels for entrepreneurs structurally excluded from commercial banking due to a lack of conventional collateral or formal credit histories (SEFA, 2024). SEFA's pairing of alternative loan products with mandatory financial literacy mentorship acts as an essential buffer against financial marginalization in high-risk areas like Inanda and Chesterville.

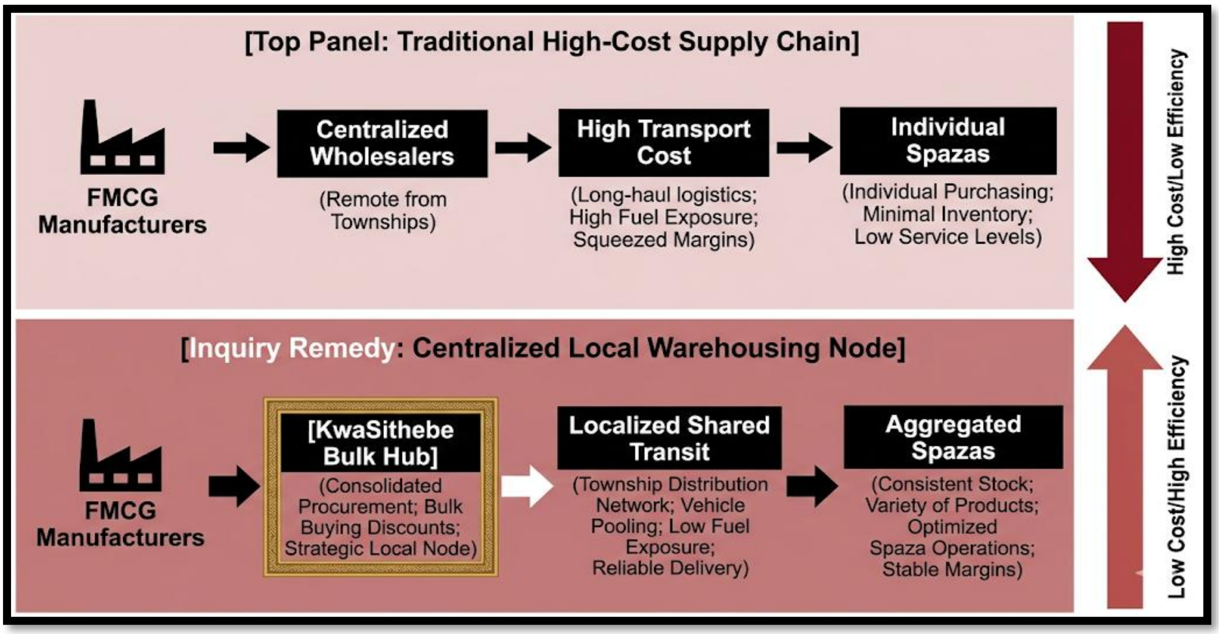
To confront deep-seated structural bottlenecks specifically youth unemployment and supply-chain exclusion the state has prioritized synchronized youth incubation pipelines and localized procurement mandates (South African Government, 2024). Young people living in townships such as Lamontville, Edendale, and Umlazi often face limited employment opportunities due to low levels of education, lack of experience, and economic inequality. Government programmes therefore provide entrepreneurship training, incubation support, technical skills development, and startup funding to encourage self-employment and business ownership. Concurrently, provincial departments and municipalities are legally incentivized to direct state procurement outlays toward township-based, historically disadvantaged enterprises. In nodes such as KwaMashu and Umlazi, these localized procurement channels have provided vital contract runways for local logistics, industrial cleaning, and corporate catering SMMEs, rotating public capital within the township boundaries.

Despite the availability of these government support programmes, SMEs in KZN townships continue to face severe operational bottlenecks. Poor infrastructure, unreliable electricity supply, inadequate trading spaces, and limited internet connectivity negatively affect business operations in many townships. Crime and insecurity also discourage investment and increase operating costs for small businesses, especially in densely populated townships such as Inanda and KwaMashu. Furthermore, many entrepreneurs lack advanced business management skills, digital literacy, and access to broader markets, limiting their ability to compete with larger established corporate competitors. Another persistent challenge is the limited awareness and accessibility of government support programmes. Some township entrepreneurs are completely unaware of available funding opportunities or struggle with complex application processes and administrative requirements. Informal businesses that are not formally registered often find it difficult to qualify for funding or government tenders. As a result, the reach and effectiveness of some support programmes remain uneven across township communities.

To mitigate operational roadblocks and systematically evaluate field outcomes, the Competition Commission's Market Inquiry Team conducted an intensive monitoring and evaluation site visit across KwaZulu-Natal during the week of 27 April 2026. This intervention serves as a direct real-time audit of the structural recommendations initiated under the landmark *Grocery Retail Market Inquiry*, focusing specifically on making locally owned spaza shops sustainably competitive.

Acting on the Commission’s original inquiry findings, KwaZulu-Natal pioneered a structural framework by establishing a regional distribution centre situated in peri-urban and non-urban spaces to directly service independent local retailers and regional wholesalers. To evaluate this intervention, the Market Inquiry team engaged in strategic roundtables with EDTEA and the Ithala Development Finance Corporation (Ithala) to dissect the operational and commercial viability of the distribution model, logistical efficiency, and target beneficiary impact.

Figure 4: Distribution Centre Supply Optimization Model



Source: Author's compilation (2026)

The Commission's report on their physical site evaluation of the distribution facility in KwaSithebe, Mandeni, confirms that this model yields measurable, positive structural outcomes for nearby informal enterprises. By serving as an aggregated procurement node, the facility allows local spaza shops to secure an expansive inventory mix in bulk and access wholesale products at heavily discounted prices. Crucially, because the center is placed in close geographic proximity to township and rural trading networks, the Commission notes that it directly eliminates the high intermediate transport and fuel distribution costs that have otherwise been exacerbated by the 2026 oil shock. Concurrently, engagements confirmed that EDTEA and Ithala have rolled out an array of synchronized development programs. By directly aligning with the core mandates of the *Grocery Retail Market Inquiry*, these ongoing provincial initiatives couple infrastructure access with digital stock-tracking tools and localized capacity support, successfully proving how strategic state interventions can protect thin retail margins from volatile macroeconomic shocks.

6. Conclusion and Policy Recommendations

Government support programmes for SMEs in KZN townships have played an important role in promoting entrepreneurship, reducing poverty, and creating employment opportunities within disadvantaged communities. Initiatives such as the Operation Vula Fund, SEFA support programmes, and youth entrepreneurship initiatives have provided financial assistance, training, and development opportunities to many township businesses operating in Umlazi, KwaMashu, Inanda, Lamontville, Chesterville, and Edendale. These programmes have helped strengthen local economies and improve the survival of many small enterprises. However, challenges such as poor infrastructure, crime, lack of market access, and limited awareness of support opportunities continue to affect the growth and sustainability of SMEs in KZN townships.

For the Moses Kotane Research Institute, the policy implications are explicit. The empirical evidence uniformly demonstrates that barriers to expansion rather than barriers to entry remain the primary structural bottleneck stifling township enterprise development. As the Competition Commission (2026) asserts, both state policy and competitive frameworks must actively transition from merely initiating entry to systematically securing market access, de-risking retail logistics pipelines, and embedding local producers into state procurement outlays. Based on this framework, the MKRI recommends five high-impact, targeted interventions for execution by the KZN Provincial Government:

- **Recommendation 1: Establish a Township Business Resilience Fund** Create a dedicated revolving fund providing working capital loans with simplified application processes, no collateral requirements, and repayment terms linked to turnover. This fund should be administered through existing township-based co-operatives and business associations.
- **Recommendation 2: Implement a Targeted Transport Subsidy for Township Enterprises** For a six-month period following the oil price shock, provide registered township businesses with a monthly fuel or taxi voucher to offset increased stock transport costs. Pilot this initiative within the Umlazi and KwaMashu transit networks.
- **Recommendation 3: Accelerate Township Solar for Productive Use** Partner with the national Department of Mineral and Petroleum Resources and private solar providers to offer subsidised solar home systems for small-scale productive use (e.g., refrigeration, sewing machines, phone charging stations), utilizing accessible pay-as-you-go financing models.
- **Recommendation 4: Simplify Trading Permit Processes** Establish a single-window e-permitting system for township traders within eThekwini Municipality, reducing approval turnarounds from weeks to 72 hours, and waiving regulatory fees for first-time applicants earning below the formal tax threshold.

- **Recommendation 5: Mandate Township Enterprise Data Collection** Direct EDTEA's research unit to conduct biannual township business sentiment surveys to track real-time operational constraints. The MKRI offers to co-design and co-implement this framework alongside provincial stakeholders.

7. References

27four Investment Managers. (2025). *The Township Economy Report: Mapping Spatial Realities and Capital Allocation*. September 2025.

Competition Commission of South Africa. (2026). *Annual Economic Concentration Report: Market Weight Disparities and SMME Barriers to Expansion*. Pretoria: Competition Commission.

Dede, K., Mokoena, S., & Naidoo, V. (2022). Evaluating the Legacy of the 1995 White Paper on Small Business Development: A Twenty-Five Year Review. *Journal of South African Economic Policy*, 14(2), 112–131.

Department of Mineral and Petroleum Resources. (2026). *Basic Fuel Price (BFP) Pricing Matrix and Liquid Fuel Sector Interventions: Report to the Parliamentary Portfolio Committee*. Republic of South Africa: DMRE.

Department of Trade, Industry and Competition (the dtic), Industrial Development Corporation (IDC), & National Empowerment Fund (NEF). (2025). *Joint Report on Black Industrialists and Township Enterprise Disbursals (Financial Years 2023/24 - 2024/25)*. Pretoria: Government Printer.

Diale, A. J. (2008). Government Support for Small Business in South Africa: A Critical Review of Ntsika and Khula Enterprises. *African Journal of Public Affairs*, 2(1), 67–81.

eThekwini Transport Authority. (2025). *Annual Commuter Route and Fare Matrix Analysis*. Durban: eThekwini Municipality.

International Chamber of Commerce (ICC). (1999). *Wholesale Intermediary Financing in Emerging Markets: Case Studies on Khula Enterprise Finance*. Geneva: ICC Publications.

KwaZulu-Natal Department of Economic Development, Tourism and Environmental Affairs (KZN EDTEA). (2024). *Operation Vula Fund Impact Assessment and Regional Disbursement Framework*. Pietermaritzburg: KZN Provincial Government.

Macrotrends. (2026). *Brent Crude Oil Price Historical Performance Data (2025-2026).* Macrotrends Financial Database.

Nedbank & Township Entrepreneurs Alliance (TEA). (2023). *The Impact of Cumulative Energy Shocks on Informal Urban Traders and Township Industrialists*. Johannesburg: Nedbank Economic Research Unit.

Small Enterprise Finance Agency (SEFA). (2024). *Alternative Credit Access Channels and Financial Literacy Support Manual for Informal Sector SMMEs*. Centurion: SEFA.

South African Cities Network (SACityNet). (2024). *Township Economies Report: Performance, Spatial Concentration, and Market Disparities*. Johannesburg: SACN.

South African Government. (2024). *Integrated Youth Entrepreneurship Strategy and Public Procurement Localisation Directives*. Government Gazette No. 50412. Pretoria: Government Printer.

South African Township Economy Conference. (2024). *Proceedings of the National Consultation on Spatial Economic Transformations*. Midrand, South Africa.

Standard Bank. (2025). *Informal Township Business Dynamics and Regional Competitiveness Survey*. Johannesburg: Standard Bank Group Economics Department.

World Bank Urban Development Unit & South Africa Lists. (2026). *Urban Demographic Layouts, Spatial Mapping, and Micro-Vulnerability Data Manual*. Washington, DC: World Bank Group.

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