DOES TANZANIA'S DEVELOPMENT VISION 2050 ANTICIPATE A YOUTH-CENTERED DEMOGRAPHIC TRANSITION?

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Abstract. Tanzania finds itself at the precipice of a rapid demographic transition with a booming population, a youthful age structure, and unprecedented urbanization trends. Analysis projects that Tanzania's population will continue to rank among the top ten youngest populations by mid-century years. It also shows that Dar es Salaam will be one of the world's largest cities by the end of the century. This trend presents Tanzania with a challenge of a possible burden of population, but also presents an opportunity to achieve a population dividend. This review examines whether Tanzania's policy architecture, particularly the Development Vision 2050, is sufficiently aligned with the requirements for harnessing this youth surge. The analysis shows that the Vision 2050 strategically identifies human capital, innovation, and urban transformation as key development pillars and is broadly consistent with global demographic forecasts. However, gaps emerge in insufficient emphasis on governance capacity, urban institutional readiness, and labor market absorption, raising questions about whether policy execution can keep pace with demographic momentum. This may indicate that Tanzania's ability to achieve a population dividend may depend on the ability to move beyond a skill supply approach to addressing the labor needs of a youthful population to a more multidisciplinary one that encompasses a range of issues, including childhood investments for a better transition to young adulthood, for inclusive economic initiatives. Otherwise, a booming population may turn into a booming burden.
Keywords: *Tanzania Development Vision 2050, demographic transition, youth-centered policy, human capital investment, urbanization*

Introduction

Africa is entering the final phase of the global urbanization shift that began in Europe and North America in the nineteenth century and intensified across Asia in the late twentieth century (Hoornweg and Pope, 2017). The next frontier of this transition is Sub-Saharan Africa, which is projected to become the largest contributor to global population growth over the remainder of this century (UN, 2024; UN-Habitat, 2022). Between 2024 and 2050, just eight countries will be responsible for about half of the world's population increase, and Tanzania is among them (UN, 2024). With a median age of 17.3 years, rising only to an estimated 22.2 years by 2050, Tanzania remains one of the youngest countries globally and will continue to host a predominantly child and youth-centred population structure for decades to come (UN, 2024). This demographic

trajectory is closely interlinked with spatial transformation. Dar es Salaam is already among the fastest-growing cities in the world, projected to move from its current ranking as the 65th largest metropolitan area to the 20th by 2050 and to the 3rd largest by the year 2100 (UN-Habitat, 2022; Hoornweg and Pope, 2017). By the end of the century, Tanzania is expected to become the 9th most populous country in the world, up from 15th in 2050 and 22nd in 2024 (UN, 2024). These shifts indicate that the next generation of Tanzanian citizens will grow up largely urban, more clustered in megacities, and more exposed to global labour markets, technology, and social change.

Whether this transformation results in a demographic dividend or a demographic burden will depend on how effectively the country invests in human capital during this window of opportunity (World Bank, 2024; British Council, 2016). Youth are no longer a future factor but a present economic and political constituency that already constitutes the majority of the population. Their current level of skills, social protection, civic participation, and participation in productive activities will directly determine the country's developmental trajectory over the next half-century (ILO, 2024; UNICEF, 2024). The challenge is that while demographic momentum guarantees population growth, it does not guarantee prosperity. Countries that failed to convert youth surges into stable employment, innovation capacity, and institutional responsiveness have found themselves with rising unemployment, civic discontent, and fragile urbanization outcomes. Tanzania, therefore, stands at a demographic crossroad. The same population structure that could propel economic transformation could also strain under-resourced systems if social services, education quality, labour market absorption, and youth-oriented policy architecture do not keep pace with demographic reality. Understanding the current role, agency, and prospects of Tanzania's youth is thus essential for interpreting whether the country, via its 2050 development vision, is tracking toward a demographic dividend or toward a structural demographic crisis. The review of the Tanzania Development Vision 2050 is conducted as an interpretive policy alignment analysis, linking demographic projections with strategic planning priorities, consistent with demographic dividend assessment approaches (Bloom et al., 2024).

Literature review

Conceptual framework: Demographic transition, human capital and policy readiness

To understand how changes in birth and death rates affect a country's age groups over time, one needs to know what a demographic dividend is. When fewer babies are born, and fewer people die, there are more adults of working age compared to children and the elderly (De Jesus Fernandes and Queiroz, 2025; Lee and Mason, 2006). This creates a temporary opportunity for stronger economic growth. But this chance doesn't just happen on its own; it takes smart investments in education, skills, job opportunities, and good institutions to turn this potential into real progress (Lee and Mason, 2006). If countries don't change their policies to fit these changes in population, they could end up with more unemployment, inequality, and social problems instead of growth. Human capital theory provides a second pillar for understanding this process, particularly when applied across the lifecycle. Human capital includes the skills, health, and productivity that people gain over the course of their lives (Lutz et al., 2019; Mason et al., 2016). Quality healthcare, education, and proper support during adolescence shape these things early on. From this perspective, youth outcomes cannot be separated from childhood conditions (Mason et al., 2016). This has an effect on how well people can work later.

Even if there are jobs available, kids who don't get a good start in life may not be able to do as much as adults. Similarly, health and learning disparities in early life often persist into adulthood, hindering the ability of an expanding youth demographic to enhance national productivity. So, you have to keep investing in people from childhood to young adulthood to build human capital.

The third part of the puzzle is how well the country's institutions are prepared for growth. Even if the population and skills are in good shape, the economy will only benefit if institutions can create jobs, offer relevant education, and handle rapid population growth, especially in cities (Jain et al., 2025). Tanzania's Development Vision 2050 and other programs like it show that a country is committed to future growth, but they don't guarantee success (World Bank, 2024). The most important thing is to find a balance between changes in the population, investing in people, and making institutions stronger so that a growing population helps everyone instead of being a burden (*Figure 1*).

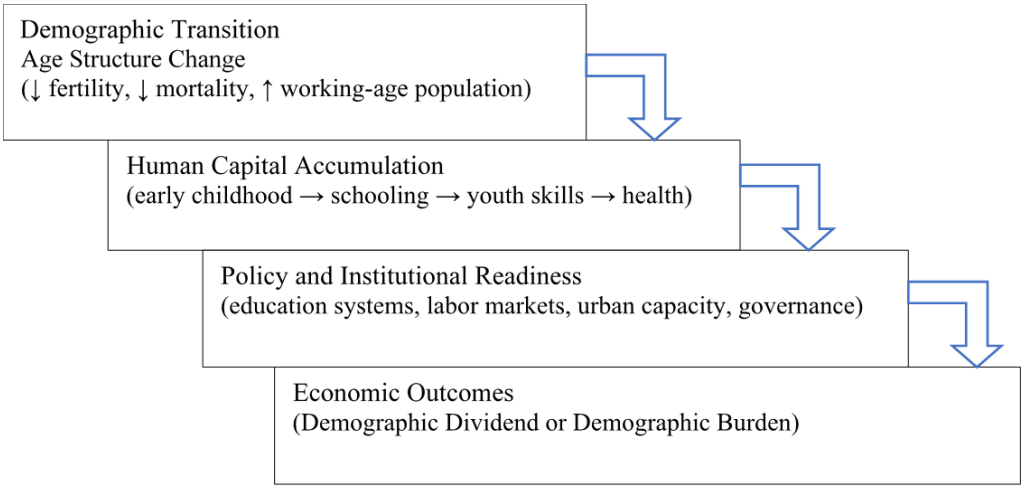

Figure 1. *Research framework.*

An overview of Tanzania's current demograhic and human capital profile

Tanzania is frequently referred to as a young nation, and the statistics mostly support this view (Sunday and Malek, 2025; UNICEF, 2021). Decades of high fertility, combined with falling mortality rates, have produced a population that is heavily weighted toward children and young people. According to the URT (2022), the 2022 Population and Housing Census reports that there are about 61.7 million people, and women make up the vast majority at 51.3 percent. What stands out even more than the overall size is the age structure. Almost half (49%) of the people in Tanzania are under 18 years old. Additionally, if we look at just those between 10 and 35 years old, they make up about 47.5 percent of the population, or about 29.3 million people. The National Bureau of Statistics further shows that almost 43% of the people are under 15 years old and about 20% are between 15 and 24 years old (URT, 2022). These numbers show that the population is not only young, but it also stays that way over time. This has significant effects on how the country will get ready for the future. A young population may initially appear to be a simple opportunity for economic expansion (Lee and Mason, 2006). The economy can grow a lot if a lot of young people are healthy, educated, and can find good jobs. But the truth is that the results about Tanzanians' skills and education are more complicated than that. More people have been able to go

to school and get basic health care over the years, but the quality of these services can vary a lot, especially between cities and rural areas (Mduwile et al., 2025). Many kids still have trouble learning how to read and do math, and not many of them finish high school or go on to college (Acevedo, 2025). Because of this, a lot of young people are becoming adults without the skills they need to get a job in today's tough job market (Mtallo and Churk, 2025). If problems with nutrition, health, and learning aren't fixed when kids are young, studies show that kids born today in Tanzania might only reach part of what they could achieve in their lives (Acevedo, 2025; UNICEF, 2024). These problems can add up over time, slowly but surely, making the benefits that the country could get from its young population less valuable.

It's clear that the problems really show up when you go from school to work (Mtallo and Churk, 2025). More and more young people are going to high school and college, but there aren't enough new jobs being created to keep up with the number of young people entering the workforce. Census data shows that the number of people between the ages of 15 and 35 has stayed high for a long time. This suggests that the change in population is a long-term trend, not just a short-term rise (URT, 2022). This means that many young people will have to look for jobs for a long time, do odd jobs, or not get enough hours at their jobs. Organizations such as UNICEF point to additional constraints, including limited access to practical, market-relevant skills training, weak social protection mechanisms, and uneven opportunities for civic participation (UNICEF, 2025). Seen from this angle, the size of Tanzania's youth population is neither a guarantee of growth nor an inevitable burden. It appears instead to be a conditional opportunity, one that depends heavily on whether education, health, and employment systems can be better aligned. Without such alignment, the much-discussed demographic advantage may remain largely unrealized.

Historical context of Tanzania's policy trajectory

Along with the changes in the population, there have been a number of national development plans and policy frameworks. Tanzania's policy direction has changed over time. The first five-year plans in the 1960s and 1970s were based on state-led economic strategies (URT, 2025). Now, the country is more focused on market-oriented reforms, investing in human capital, and long-term strategic visions. Vision 2025, created in the late 1990s and early 2000s, was one of the first efforts to set long-term development goals. However, it didn't focus on changes in the population (URT, 2025). The newer Vision 2050, on the other hand, puts a lot more focus on human capital, new ideas, and the facts about the population. This change in planning shows how global ideas about the demographic dividend are changing, as well as how more people in Tanzania are realizing that population changes are linked to economic growth (UNFPA, 2025; URT, 2025).

Materials and Methods

This paper reviews Tanzania's Development Vision 2050. It combines population forecasts, national development plans, and established theoretical perspectives on how populations change over time to assess the coherence and where there might be gaps. Tanzania's Development Vision 2050 was examined to see how well it anticipates and integrates the structural conditions described in demographic science literature. Vision 2050 is a long-term strategy designed to guide Tanzania's national development until

the middle of the century (URT, 2025). Its contents were examined alongside demographic forecasts and scholarly frameworks on demographic dividends, allowing the review to interpret not only what the policy says but how well it aligns with the underlying demographic future that Tanzania is likely to face. The main population estimates used in this paper come from the United Nations' 2024 World Population Prospects, which uses census data and internationally comparable demographic techniques (UN, 2024). These estimates presented population sizes, details about birth rates, death rates, and age groups, all of which help to understand the country's population trends.

This study adopts a policy alignment framework to interpret policy adequacy in light of scientific evidence rather than to test statistical hypotheses. It is important to acknowledge that this methodological approach has limits. Unlike empirical surveys or econometric modelling, the review does not generate new quantitative estimates of causal effects. Instead, it places emphasis on how demographic evidence informs policy readiness and where disjunctions may exist. This means the analysis is interpretive rather than causal, intended to help readers see how demographic forecasts might intersect with strategic planning. By linking demographic projections to policy text, the approach clarifies both the promise and the risks inherent in a developmental strategy that must grapple with a rapidly growing youthful population.

Results and Discussion

Overview of Tanzania's Development Vision 2050 priorities

Tanzania's Development Vision 2050 presents itself as a long-term socio-economic transformation framework designed to guide the country toward inclusive development, technological progress, and structural competitiveness by mid-century. According to the URT (2025), the Vision 2050 articulates three core interrelated strategic pillars: (i) A Strong, Inclusive, and Competitive Economy, (ii) Human Capabilities and Social Development, and (iii) Environmental Integrity and Climate Change Resilience. These pillars are framed as mutually reinforcing, with the expectation that a stronger skills base and improved governance will support a transition into a diversified and innovation-oriented economy. The document positions population growth as a strategic resource for the future workforce, assuming that a sufficiently skilled and healthy youth cohort will supply the productive capacity required for sustained growth. A central emphasis of Tanzania's Development Vision 2050 is the transformation of education and skills systems in order to enhance productivity across the labor market. The Vision proposes reforms in both formal and informal learning ecosystems, including science, digital competency, applied innovation, and entrepreneurship pathways intended to prepare future workers for twenty-first-century economic demands (URT, 2025). Tanzania's Development Vision 2050 also positions infrastructural modernization, such as energy, road networks, airports, ports, and the Standard Gauge Railway (SGR), as the mechanism through which Tanzania will leverage its urban growth for national competitiveness. This reflects an anticipated shift from a resource-led economic structure toward a more skills-based and technology-enabled economic model.

Human development outcomes are also presented as foundational to Tanzania's Development Vision 2050, particularly in the areas of health, nutrition, and social protection. Although youth are highlighted as the future labor force, the policy makes indirect reference to the role of early-stage investments in children as precursors to adult

productivity, signaling that human capital accumulation begins long before labor market entry. As UNICEF (2024) observes, early-childhood health and education have long-term effects on cognitive outcomes and later employability, and this logic is implicitly reflected in the Vision's framing of a healthy and skilled population as a prerequisite for sustained competitiveness. On paper, therefore, Vision 2050 signals awareness that demographic momentum can become a developmental asset if anchored in strategic investments throughout the lifecycle.

Alignment with demographic forecasts

The Tanzania's Development Vision 2050 aligns broadly with international demographic forecasts that identify Tanzania as one of the most rapidly growing populations in the world throughout the remainder of this century. The United Nations Department of Economic and Social Affairs projects that Tanzania will have one of the ten youngest median ages globally through 2050, confirming that a structurally youthful population is not a temporary phenomenon but a persistent demographic condition (UN, 2024). This reality is further reinforced by rapid fertility-driven urban expansion and the continued growth of metropolitan centres like Dar es Salaam, which is forecast to become one of the world's largest cities before the end of the century (Hoornweg and Pope, 2017). These alignment points suggest that Vision 2050 does not treat population growth as accidental but as an endogenous driver of economic transformation. This alignment is also visible in the Vision's urbanization emphasis. Projections by UN-Habitat (2022) indicate that urban growth in Sub-Saharan Africa will intensify faster than anywhere else in the world, and Tanzania is expected to be a flagship case of this shift. Vision 2050 anticipates this transformation by prioritizing urban economic corridors, metropolitan infrastructure, and digital city systems as part of its growth strategy. The focus on urban infrastructure mirrors the demographic logic that future Tanzanian citizens will not only be youthful but primarily urban-born and urban-socialized, which has implications for schooling, service delivery, and labor absorption into increasingly city-based economic sectors.

The policy also reflects the demographic transition literature, which argues that a youth bulge transforms into a demographic dividend only when paired with adequate human-capital investments and job creation mechanisms (Bloom et al., 2024). By embedding education, health, and innovation within its development pillars, Vision 2050 signals conceptual alignment with this theoretical pathway. The World Bank (2024) further reinforces this logic by noting that Tanzania's economic prospects are increasingly contingent on how efficiently it can convert demographic expansion into productivity gains. In this sense, the Tanzania's Development Vision 2050 is demographically coherent: it accepts the inevitability of youth expansion and positions strategic capability-building as the conduit through which the population becomes an economic advantage.

Gaps, tensions and inconsistencies

Despite its broad alignment with demographic projections, Tanzania's Development Vision 2050 places a disproportionate emphasis on infrastructure and future skills acquisition without sufficiently addressing the institutional mechanisms required to turn children and adolescents into a fully productive workforce. The Vision assumes that economic transformation will materialize through improved ethical and skills pipelines,

but it gives comparatively less attention to the structural barriers that limit equitable early human capital formation, such as disparities in health, nutrition, and rural-urban quality of schooling. UNICEF (2024) highlights that weaknesses in early childhood development, especially in low-resource contexts, often result in permanent cognitive and productivity gaps later in life. Without accounting for this, Tanzania's Development Vision 2050 may fail to improve on the country's Human Capital Index score of 0.39, which is already below the Sub-Saharan Africa average of 0.4 (URT, 2025). In simple terms, this means that kids born in Tanzania today are only likely to reach about 39% of their full potential as adults. The Vision, therefore, risks overestimating long-term labor productivity if it assumes homogeneity in the quality of services between the urban and rural areas.

Another tension emerges in the relationship between rapid demographic change and the speed of policy execution. While population growth and urbanization are immediate and accelerating processes, most strategic investments envisioned in Vision 2050 are gradual and infrastructure-heavy, with benefits that accrue slowly over time. The World Bank (2024) has noted that unless policies evolve at the same pace as demographic pressures, youth populations can outgrow institutional absorptive capacity, resulting in what economists refer to as structural underutilization of human capital. In practice, this means that children entering the education system today may graduate into labor markets that are still in transition and not yet mature enough to create sufficient skilled employment opportunities. There is also an institutional governance gap surrounding urban transformation. Tanzania's Development Vision 2050 acknowledges the management of social, economic, environmental, and political challenges that come with urbanization. However, it does not explicitly envision or state that Dar es Salaam will grow into a global megacity, nor does it give explicit attention to the governance architecture needed to manage the social and economic risks that accompany megacity-scale youth concentration. According to UN-Habitat (2022), urban demographic dividends are only realized when municipal systems scale in parallel with population density, service demand, and labor market complexity. Without robust planning frameworks, large youth populations can fuel informal employment traps, insecure livelihoods, and rising inequities. In this sense, the Development Vision 2050 recognizes the destination, but it is less explicit on the governance mechanisms required to prevent demographic pressure from translating into future instability.

Comparative perspectives from other demographic transitions

East and Southeast Asia

East and Southeast Asia present a textbook example of how nations have successfully transformed their demographics into economic success. In such nations, significantly accelerated declines in birth and death rates occurred between the 1960s and 1990s in Japan, South Korea, Taiwan, Thailand, and later in Vietnam (Jain et al., 2025; Lee and Song, 2025). There was also a carefully calculated wager on the basics of education, primary healthcare, and employment-absorbing industrialization. As a result, as populations aged, the proportion of the working-age population increased faster than the proportion of dependents, leading to highly favorable dependency ratios, which in turn encouraged greater saving, productivity, and public investment (Lee and Song, 2025). Demographic change, rather than being a catalyst for economic success, appears to have increased the payoffs for sound economic and social policies. It is also crucial to

remember that Asian experience is not necessarily automatic. Governments deliberately intervened in these processes through family planning, universal education, and export-oriented policies. In the case of South Korea, fertility declines coincided with massive investments in secondary education, involving training that fit the needs of industry (Lee and Song, 2025). In this case, new entrants' skills would mostly fit into the growth sectors. The lesson from the Tanzania case is not that economic growth is inevitable because of demographic transition, but that timing is crucial, particularly involving education and employment.

South Asia

In South Asia, there are more varied, but still illustrative, experiences to consider. In contrast to the rates of fertility decline in East Asia, the pace of change was slower in Bangladesh, India, and Nepal, but partial demographic dividends were still realized (Jain et al., 2025; Lee and Song, 2025). Bangladesh is frequently cited as an example where the convergence of fertility decline, improvements in female education, basic health care, and rising female employment rates and reductions in poverty has been realized (Jafrin et al., 2025; Chen et al., 2021). Analysis suggests demographics made a significant, but somewhat less substantial, contribution to economic performance due to the informality of the economy and skill differentials (Jafrin et al., 2025). India offers another set of dynamics for Tanzania. Despite the significant national reductions in fertility rates, disparities remain within regions, and employment absorption has failed to match the increasing pool of working-age individuals. This has created worries that perhaps this demographic advantage that India faces will be realized partially due to the difficulties associated with job creation and the quality of human capital. This experience employing large youth populations without matching employment increases is one that places pressure on cities and social infrastructure instead of yielding a positive dividend. This experience for Tanzania highlights that it is not only fertility that needs to be lowered, but that the labor market needs associated with improved skills must keep pace with this demographic change (Sunday et al., 2024; World Bank, 2024).

Latin America and the Caribbean

Latin America and the Caribbean began their demographic transition earlier than in most countries in Africa, and their fertility rate decreases began in the 1970s and 1980s (Cecchini et al., 2025). Some countries, like Brazil, Mexico, and Colombia, enjoyed a demographic window because their age structure favored growth. However, experiences have not been uniform. These countries have experienced growth, but their demographic dividend was not fully captured because of macroeconomic instability, inequality, and little labor market reform (Cecchini et al., 2025). Thus, many countries have started aging without fully exploiting their demographic potential because of their youthful populations. This is a warning: demographic transitions are time-sensitive, and there may be missed opportunities in terms of policy action. Access to education improvements as a solution wouldn't be effective if there were no employment opportunities in the productive sectors of the economy. For the situation in Tanzania, the lessons from the region would point to the danger that a protracted demographic transition may pose to a youth population that doesn't achieve employment and social mobility, may end up in frustration and dependence when they are old.

Sub-Saharan Africa

Sub-Saharan Africa is still comparatively earlier in the demographic transition, albeit at very different rates. Countries that are said to be experiencing indicators of a possible onset of the demographic dividend are Ethiopia, Rwanda, and Ghana (Cilliers, 2025). Ethiopia has registered substantive decreases in the number of children per woman, as well as substantial progress in child survival rates and primary education (Collins et al., 2025). Projections regarding Ethiopia meeting more favorable levels of dependency ratios ahead of countries with persistently high fertility rates are optimistic (Ngundu and Cilliers, 2025). Nevertheless, most countries in Africa, like Tanzania, are still characterized by high fertility rates in the face of rapid population growth, extending the time when a demographic window can finally be opened. The African experience thus far indicates that demographic dividends are not a guarantee and can be more fragile in settings in which improvements in human capital and job markets trail population evolution. Going by what occurred in East Asia, most of Sub-Saharan Africa, like Tanzania, has experienced economic growth in a setting in which there are substantial numbers in the informal sector, along with insignificant industrial sector employment (UNFPA, 2025; World Bank, 2024).

Implications for demographic dividend VS demographic burden

The combined effect of these tensions is that the demographic dividend in Tanzania cannot be presumed automatic. Bloom et al. (2024) emphasize that countries with a youthful demographic structure require a deliberate policy conversion mechanism, where institutional preparation matches demographic momentum. If the early pipeline of human capital formation remains uneven, particularly in childhood health and foundational learning, the country may find itself with a future workforce that is youthful but insufficiently competitive. The dividend is therefore contingent on whether Tanzania can shift from planning for youth as an abstract future workforce to nurturing children and adolescents as the formative stage of that workforce. One implication is that demographic potential is being accumulated faster than institutional readiness. The ILO (2024) warns that in youthful economies where employment systems mature at a slower pace than population growth, governments face increasing labor absorption pressure that eventually spills into social, economic, and governance strains. If Tanzania reaches the 2050 threshold with millions of young people who are educated but not productively engaged, the result may be a demographic burden rather than a dividend. In such a context, it is not the presence of youth that becomes a risk, but the absence of sufficiently dynamic labor markets and supportive social policy systems capable of integrating them. The long-term implication is that Tanzania is operating within a narrow window of policy opportunity. Demographic structures are path-dependent, and once large cohorts of children transition into youth and adulthood with insufficient human capital, the economic penalty becomes generational. Effective dividend conversion, therefore, requires more than macroeconomic visioning. It requires granular and age-coherent policies that treat childhood development, adolescent transition, and youth employment as a single continuum. A vision that succeeds only at the point of labor entry, without ensuring early foundations, risks institutional misalignment and missed demographic advantage. The direction Tanzania ultimately follows will therefore reflect whether Vision 2050 evolves into a lifecycle-based strategy rather than a workforce-based strategy alone.

Conclusion

Overall, the review of Tanzania's Development Vision 2050 shows that Tanzania has recognized the strategic importance of its demographic future, but policy implementation will hinge on the extent to which the country treats demographic transition as a lifecycle process that begins in childhood and culminates in youth productivity. The Vision correctly anticipates population size, urbanization, and skills demand, but its success will ultimately depend on how well institutions translate these projections into concrete developmental outcomes for children and adolescents before they enter the workforce. This creates a critical bridge between the demographic trends analyzed earlier in this study and the policy preparedness examined here. It also sets the basis for deeper exploration of the institutional reforms required to ensure that the next generation becomes not only a large population cohort, but a productive, healthy, and globally competitive one.

REFERENCES

[1] Acevedo, S. (2025): Fostering Human Capital in Tanzania's Rapidly Growing Population. IMF Selected Issues Paper (SIP/2025/099). – Washington, D.C.: International Monetary Fund 3p.
[2] Bloom, D.E., Kuhn, M., Prettner, K. (2024): Fertility in high-income countries: Trends, patterns, determinants, and consequences. – Annual Review of Economics 16: 159-184.
[3] British Council (2016): Youth voices in Tanzania: The Next Generation Tanzania report (Report). – British Council 32p.
[4] Cecchini, S., Comelatto, P., Holz, R., Kang, S., Paes, Y. (2025): Economic impacts of population ageing in Latin America and the Caribbean: Challenges and opportunities. – SSRN 71p.
[5] Chen, M., Atiqul Haq, S.M., Ahmed, K.J., Hussain, A.B., Ahmed, M.N.Q. (2021): The link between climate change, food security and fertility: The case of Bangladesh. – PLoS One 16(10): 18p.
[6] Cilliers, J. (2025): Harnessing and advancing Africa's future demographic dividend. – Netherlands Scientific Council for Government Policy (WRR), WP 62p.
[7] Collins, M., Guarnieri, E., Rainer, H. (2025): Fertility in Sub-Saharan Africa: The Interplay Between Policy, Culture, and Intra-Household Bargaining. – CERIS Workshop: CERIS Workshop on the Economics of Inclusivity and Sustainability 63p.
[8] De Jesus Fernandes, A.R., Queiroz, B.L. (2025): Education as a Driver to the Demographic Dividend. – Microbial Biotechnology 18(2): 3p.
[9] Hoornweg, D., Pope, K. (2017): Population predictions for the world's largest cities in the 21st century. – Environment and Urbanization 29(1): 195-216.
[10] International Labour Organization (ILO) (2024): Global employment trends for youth 2024. – ILO 116p.
[11] Jafrin, N., Ghosh, D., Saif, A.N.M. (2025): Do socio-demographic characteristics affect graduates' employment status? – Discover Sustainability 6(1): 14p.
[12] Jain, N., Goli, S., Jana, A. (2025): Population age structural transition, demographic dividend and economic growth in India. – Humanities and Social Sciences Communications 12(1): 1-13.
[13] Lee, J.W., Song, E. (2025): Demographic change and long-term economic growth path in Asia. – Economic Modelling 147: 16p.
[14] Lee, R., Mason, A. (2006): What is the demographic dividend? – Finance and Development 43(3): 5p.

[15] Lutz, W., Crespo Cuaresma, J., Kebede, E., Prskawetz, A., Sanderson, W.C., Striessnig, E. (2019): Education rather than age structure brings demographic dividend. – Proceedings of the National Academy of Sciences 116(26): 12798-12803.
[16] Mason, A., Lee, R., Jiang, J.X. (2016): Demographic dividends, human capital, and saving. – The Journal of the Economics of Ageing 7: 106-122.
[17] Mduwile, P., Goswami, D., Ibrahim, D., Lufunga, J., Baruah, N. (2025): Evaluating the Balance between Quality and Quantity in Secondary Education in Tanzania: Challenges and Opportunities. – Journal of Education for Sustainable Development Studies 2(2): 131-139.
[18] Mtallo, G.R., Churk, J.P. (2025): Liberalism in Education and Employment Opportunities: A Reflection on Higher Learning Education and the Actual Labour Market in Tanzania. – Journal of Research Innovation and Implications in Education 9(4): 1076-1086.
[19] Ngundu, M., Cilliers, J. (2025): Country demographic projections and dividend scenarios. – Institute for Security Studies 103p.
[20] Sunday A.L., Lihawa R.M., Mkuna E. (2024): The effect of fertility on female labour force participation in Tanzania. – PLoS ONE 19(1): 16p.
[21] Sunday, A.L., Malek, N.M. (2025): Unmasking the Silent Crisis: How Socioeconomic and Cultural Forces Perpetuate Multidimensional Child Poverty in Tanzania. – Malaysian Journal of Social Sciences and Humanities (MJSSH) 10(2): 13p.
[22] United Nations-Habitat (UN-Habitat) (2022): World Cities Report 2022: Envisioning the future of cities. United Nations Human Settlements Programme 422p.
[23] United Nations Population Fund (UNFPA) (2025): Investing in Tanzania's youth: Building human capital for the future. – UNFPA 5p.
[24] United Nations International Children's Emergency Fund (UNICEF) (2025): Young people engagement: A priority for Tanzania. – UNICEF 8p.
[25] United Nations International Children's Emergency Fund (UNICEF) (2024): Early childbearing. – UNICEF 7p.
[26] United Nations International Children's Emergency Fund (UNICEF) (2021): The Journey of a Child: Situation analysis of children in Mainland Tanzania and Zanzibar. – UNICEF Tanzania 48p.
[27] United Nations (UN) (2024): World Population Prospects 2024. – Department of Economic and Social Affairs, Population Division 1p.
[28] United Republic of Tanzania (URT) (2025): Tanzania Development Vision 2050. – Dodoma, National Planning Commission, URT 76p.
[29] United Republic of Tanzania (URT) (2022): The 2022 Population and Housing Census: Age and Sex Distribution Report, Key Findings, Tanzania. – URT 41p.
[30] World Bank (2024): Tanzania economic update: Overcoming Demographic Challenges while Embracing Opportunities. – World Bank Web Portal 8p.