

People as Wealth or Population as Burden? A Scoping Review and Documentary Analysis of Africa's Demographic Future and Population Governance

Sixbert SANGWA

Department of International Business and Trade, African Leadership University, Kigali, Rwanda

Correspondence: ssangwa@alueducation.com

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ABSTRACT

Africa's youthful population is framed both as a strategic asset and as a demographic pressure requiring fertility decline. This scoping review and documentary analysis examined what conditions convert demographic scale into development, how fertility and age structure interact with human capital, and how population-policy rationales have been historically constructed. Following PRISMA-ScR, a bounded multidisciplinary search conducted on 10 September 2026 returned 30 records; six duplicate or alternative-version records were removed, 24 unique records were screened, 13 reports underwent eligibility assessment, and 11 met eligibility criteria. Citation chaining, targeted foundational retrieval, and supplementary handsearching added 26 eligible scholarly records, yielding 37 sources in the evidence map. Fourteen primary or authoritative policy documents were analyzed separately using a graded evidentiary protocol. The evidence rejects both population-burden determinism and its pronatalist inverse. Fertility decline can improve birth spacing and temporarily reduce child dependency, but education, institutions, capital, productive employment, and technological capability condition whether demographic change produces prosperity. Sustained very low fertility creates later ageing and labor-supply risks. Historical records also show that twentieth-century population governance included eugenic, developmental, philanthropic, diplomatic, and explicitly national-security rationales, including strategically low-key communication, without establishing a unitary secret-society command structure. The review proposes demographic stewardship centered on capability formation, reproductive agency, institutional conversion, and intergenerational sustainability.

Keywords: age structure; demographic stewardship; fertility transition; human capital; intergenerational sustainability; neo-Malthusianism; reproductive agency

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1. Introduction

1.1. The African Demographic Paradox

Population occupies an unusually ambiguous place in African development discourse. In February 2026, the African Union stated that Africa's greatest asset lies in "its people, its minds, its youth, its teachers, its researchers, and its innovators," while warning that learning poverty and skills deficits could turn the demographic dividend into a missed opportunity (African Union, 2026). The World Bank similarly projects that sub-Saharan Africa's population will rise from about 1.5 billion in 2024 to 2.5 billion by 2050, with more than 600 million people joining the working-age population, and describes this trajectory as an enormous opportunity if productive employment expands (Bodewig et al., 2025). The International Labour Organization (ILO, 2026) makes the same conditional claim: youth can power transformation, but only if economies generate productive and decent work.

Alongside this language of demographic opportunity sits a long policy tradition in which high fertility and population growth are treated as obstacles to development. Demographic-dividend models correctly identify a compositional mechanism: when fertility declines, the ratio of working-age adults to dependent children can rise, temporarily increasing resources per capita and creating favorable conditions for saving, investment, and growth (Bloom et al., 2017; Cardona et al., 2020). Yet the policy inference is often stronger than the mechanism warrants. The existence of a demographic window does not show that fewer births are intrinsically development-enhancing, that population scale is intrinsically burdensome, or that fertility reduction can substitute for human-capital formation and structural transformation.

This distinction matters because demographic policy can conflate three analytically separate questions: the economic consequences of population size and age structure, the health and autonomy implications of reproductive behavior, and the moral status of persons. This review introduces **asymmetric accounting of persons** as a diagnostic concept for policy narratives, not as a claim about all demographic models. The asymmetry occurs when present dependency costs are treated as determinate while future productive, fiscal, caregiving, and innovative contributions are left residual or discounted without equally explicit assumptions. National-transfer-account and life-cycle approaches can model both sides; the

problem identified here is narrower and concerns narratives that convert a temporary age classification into an enduring characterization of people as burdens.

The central proposition tested here is therefore deliberately non-binary: population is neither intrinsically wealth nor intrinsically poverty. Human beings possess value independent of economic productivity, while their aggregate economic effects are mediated by education, health, institutions, capital, infrastructure, technology, labor demand, family systems, and governance. The policy question is not whether governments should maximize or minimize births. It is whether demographic governance should treat fertility levels as ends in themselves or instead prioritize human flourishing, reproductive agency, intergenerational sustainability, and the institutional conversion of human potential into capability.

2. Theoretical Framework

2.1. Competing Theoretical Expectations

Malthus's *Essay on the Principle of Population* provided the classic scarcity formulation: population has a tendency to expand faster than subsistence unless checked by preventive or positive constraints (Malthus, 1798/1998). Later neo-Malthusian approaches linked population growth to food insecurity, ecological pressure, geopolitical instability, and poverty. Their enduring insight is that biological reproduction can outrun slowly adjusting institutions and infrastructure. Rapid population growth can dilute capital, increase child dependency, strain schools and clinics, accelerate land fragmentation, and intensify environmental pressure, especially where governance and productivity are weak (Ezeh et al., 2012).

Boserup (1965), however, showed why scarcity need not be technologically static. Population pressure can induce agricultural intensification, innovation, and institutional change. Modern endogenous-growth models provide a related mechanism. Romer (1990) made human capital central to the production of non-rival ideas and emphasized that a large population alone is insufficient for growth. Kremer (1993) nevertheless found that, over long historical periods and among isolated populations, larger populations were associated with faster technological change, consistent with the proposition that more people can imply more potential innovators. Klasen and Nestmann (2006) further distinguish population size from density and the institutional conditions under which

pressure induces technological response. Jones (2022) extends the logic in the opposite demographic direction, showing that sustained population decline can weaken idea production in growth models that depend on researchers and innovators.

Theories of the demographic dividend shift attention from total headcount to age structure. Fertility decline lowers child dependency, but the resulting window is neither automatic nor permanent. Lutz et al. (2019), analyzing 165 countries from 1980 to 2015, found that improving education dominated age structure as an explanation of income growth; declining youth dependency could even be unfavorable where education remained low. African evidence likewise emphasizes complementarities among human capital, governance, labor markets, macroeconomic policy, and institutions (Bloom et al., 2017; Woldegiorgis, 2023). The theoretical implication is that demographic composition is a conditioning factor, not a substitute for development capacity.

The review addresses five questions. First, do population scale and growth have monotonic effects on prosperity? Second, how strongly do education, health, institutions, and labor-market absorption mediate demographic outcomes? Third, what is missed when the demographic dividend is analyzed without the later transition to population ageing? Fourth, can rights-based reproductive health be distinguished empirically and normatively from programs whose success is defined primarily by fertility reduction or contraceptive uptake? Fifth, what do primary records actually establish about philanthropic, eugenic, diplomatic, national-security, and alleged secretive influences on population policy? The final question is operationalized around named actors, documents, funding relationships, and policy mechanisms rather than the analytically imprecise category of "globalists."

3. Method and Analytical Approach

3.1. Review Design and Reporting

The study used a secondary-data-only interdisciplinary design combining a bounded multidisciplinary scoping review, comparative descriptive analysis, historical-document analysis, and a clearly separated normative analysis. A scoping design was selected because the question maps concepts and evidence

across demography, economics, reproductive health, development studies, and intellectual history rather than estimating a single intervention effect. Reporting followed the PRISMA Extension for Scoping Reviews (PRISMA-ScR; Tricco et al., 2018). No meta-analysis was attempted because study designs, populations, outcomes, and inferential targets were intentionally heterogeneous.

3.2. Search Strategy and Study Selection

An exploratory mapping stage was used only to refine concepts and search language and was not counted in the flow diagram. The formal search was conducted on 10 September 2026 in SciSpace's multidisciplinary scholarly index. The interface was queried in English with no publication-year filter and returned 10 relevance-ranked records for each of three prespecified semantic questions: (a) the effects of fertility, population growth, age structure, human capital, and institutional quality on development in sub-Saharan Africa; (b) contraceptive autonomy, coercion, target-driven family planning, and fertility-reduction objectives in sub-Saharan Africa; and (c) historical connections among Malthusianism, eugenics, birth control, major philanthropic foundations, population institutions, Julian Huxley, and international population policy. Exact query text, returned records, and dispositions are reproduced in Section A and Table S1 of the Online Supplement.

The database search returned 30 records. Six duplicate or alternative-version records were removed, leaving 24 unique records for title/abstract screening. Eleven records were excluded at that stage because they were non-peer-reviewed repositories or theses, editorials without independent analysis, superseded versions, metadata-mismatched records, or sources outside the analytic scope. Thirteen reports were assessed for eligibility; two were excluded because they were bibliographic or encyclopedia-style overviews rather than independent analytical evidence. Eleven records therefore entered the map from the formal search. Backward citation chasing, targeted retrieval of repeatedly cited foundational studies, and a handsearch of recent Population Research and Policy Review articles added 26 eligible scholarly records. The final evidence map contained 37 records. Figure 1 presents the flow, and Section B of the Online Supplement provides the record-level audit trail.

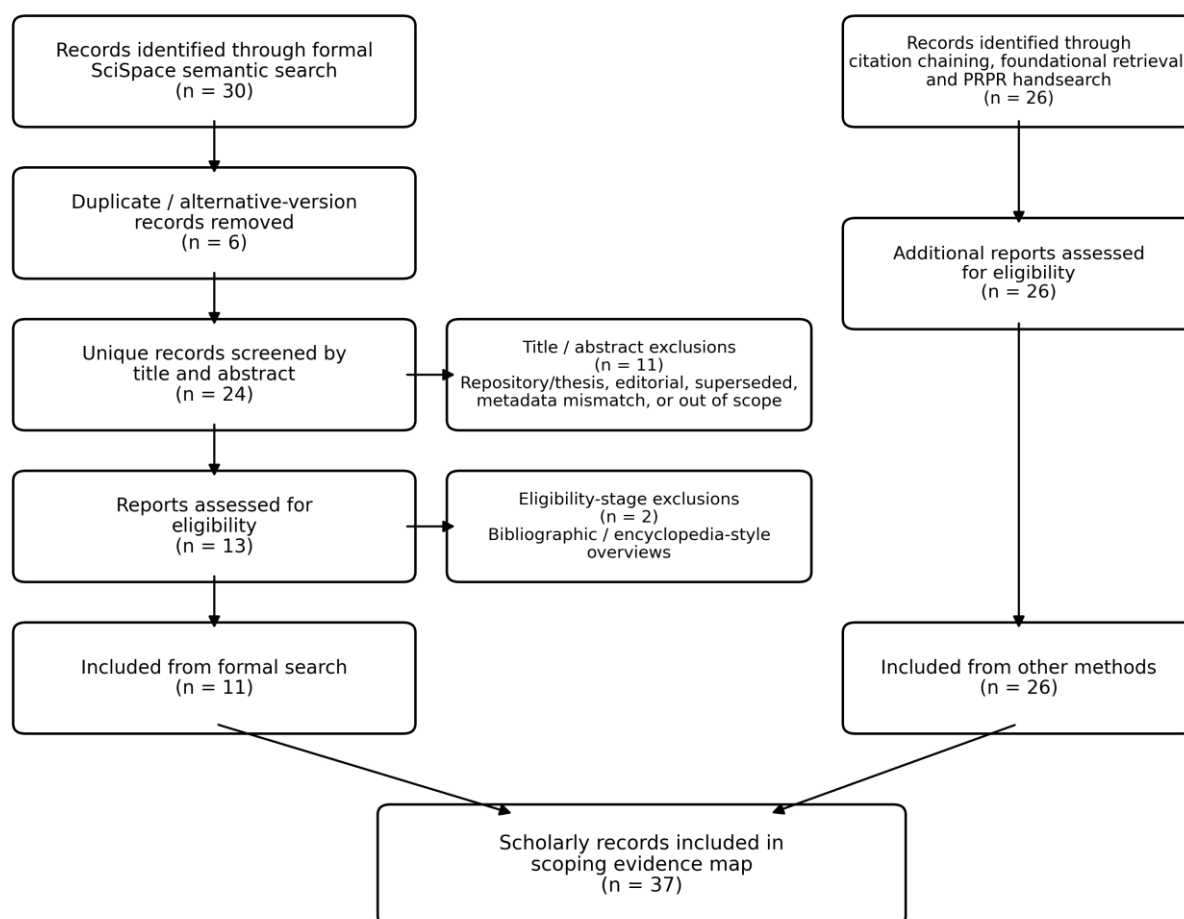


Figure 1. PRISMA-ScR flow of scholarly evidence identification and inclusion.

Alt text: Flow diagram showing 30 records from the formal SciSpace search, six duplicate or alternative versions removed, 24 records screened, 13 reports assessed for eligibility, 11 included from the formal search, 26 additional records from citation chaining and targeted retrieval, and 37 scholarly records in the final scoping evidence map.

Note. The formal search used three prespecified SciSpace semantic queries, each returning 10 relevance-ranked records. Additional records came from documented citation chaining, foundational retrieval, and handsearching. See the Online Supplement for the complete audit trail.

The search platform returns a bounded relevance-ranked set rather than an export of every indexed record. The review is therefore reproducible with respect to the documented search and screening procedure but is not an exhaustive census of Scopus, Web of Science, PubMed, or EconLit. Reclassifying the study as a scoping review makes that inferential boundary explicit rather than implying exhaustive systematic coverage.

3.3. Eligibility, Charting, and Evidence-Fit Appraisal

Eligible scholarly records had to address at least one prespecified mechanism: population scale and economic performance; fertility and age structure; human capital and demographic dividends; reproductive-health benefits, autonomy, or coercion; population and environmental pressure; or the intellectual and institutional history of population policy.

Peer-reviewed articles were prioritized. Scholarly monographs were retained only where they contributed directly to historical genealogy. Malthus (1798/1998) and Boserup (1965) were prespecified conceptual anchors and were not counted among the 37 charted evidence records. Records were excluded when publication status could not be verified, a retained version superseded them, they were purely editorial or bibliographic, or their evidentiary basis was not adequate for the claim under review.

For each included source, the review charted citation, year, geography, design, mechanism addressed, principal finding used in the synthesis, and inferential limitation. Because the corpus includes econometric studies, systematic and scoping reviews, qualitative research, conceptual economics, and comparative history, no single numerical risk-of-bias instrument was applied across designs. Instead, evidence fit was

assessed against design-appropriate questions: provenance, transparency of data or documentary basis, attention to confounding where causal language was used, and fit between evidence and conclusion. Table

1 lists all included scholarly records and their principal evidentiary roles; Table S3 records limitations relevant to inference.

Table 1. Included scholarly records in the scoping evidence map (N = 37)

Citation	Setting / scope	Design / evidence base	Principal evidentiary role
Garenne (2023)	Sub-Saharan Africa	Review plus macro/household comparisons	Dependency ratios alone show weak macro association; education/fertility relationships are stronger at household level
Cardona et al. (2020)	Sub-Saharan Africa	Systematic literature review; 78 peer-reviewed articles, 10 reports, 1 book	Dividend requires coordinated governance, health, education, family planning, women empowerment, and labor-market conditions
Li et al. (2018)	201 countries; regional SSA results	Cohort-component counterfactual projections, 1960-2015	Fertility decline changes dependency structure and is associated with modeled economic gains
Lutz et al. (2019)	165 countries, 1980-2015	Cross-national panel analysis	Education is more predictive of income growth than age structure alone
John & Edmeades (2018)	Ethiopia	Population-based survey; multivariable logistic models	Reproductive coercion is negatively associated with contraceptive use
Belachew et al. (2023)	High-fertility SSA countries; n=14,575 married women	Multilevel DHS analysis	Contraceptive decision-making autonomy is low and socially patterned
Senderowicz (2025)	Anonymized African country	17 focus-group discussions with women aged 15-49	Participants described provider pressure/coercion and vulnerability-based rationales
Bashford (2022)	Britain / international history	Scholarly historical monograph	Documents Huxley family history including Julian Huxley/eugenics continuities
Cullather (2014)	Ford/Rockefeller foundation history	Historical analysis	Foundations funded population control but rationales included technological modernism
Bashford (2007)	Interwar international population debate	Comparative intellectual history	Population politics comprised eugenic, nationalist, development, and rights strands
Connelly (2003)	International population-control historiography	Comparative historiographic review	Population control was transnational and ideologically heterogeneous
Ahmed et al. (2012)	172 countries	Counterfactual demographic/health analysis	Contraceptive use is associated with substantial modeled maternal deaths averted
Bloom et al. (2017)	Africa	Demographic-economic analysis / synthesis	Dividend magnitude depends on macro policy, human capital, trade, governance, and markets
Carey (2012)	Britain, United States, Australia	Transnational historical analysis	Interwar birth-control and eugenics movements substantially overlapped
Chen & Huang (2020)	China, 1970s	Policy-timing / quantitative historical analysis	Much fertility decline preceded the one-child policy; early family-planning institutions mattered
Conde-Agudelo et al. (2012)	International	Systematic review of 58 observational studies	Identifies plausible mechanisms linking very short intervals to adverse outcomes
Connelly (2006)	India	Archival historical analysis	Documents population-control architecture preceding the 1975-77 Emergency

Citation	Setting / scope	Design / evidence base	Principal evidentiary role
Ezeh et al. (2012)	Global	Demographic policy review	Rapid growth and very low fertility create different social/economic risks
Foley (2022)	Africa	Critical policy / historical analysis	Economic justifications for fertility reduction can conflict with rights-based reproductive autonomy
Jones (2022)	High-income / global theoretical case	Endogenous-growth model	Persistent population decline can reduce idea production in standard growth models
Klasen & Nestmann (2006)	Cross-country / long-run	Theoretical and empirical analysis	Population size and density interact with technological change
Kremer (1993)	Long-run world history	Growth model plus historical empirical tests	Larger isolated populations were associated with faster technological change
Lin et al. (2026)	27 SSA countries; 31,934 children, 281 regions	Multilevel DHS analysis	Contraceptive context-child-health relationships are variable and not fully explained by fertility
Marois et al. (2025)	China and India	Multidimensional demographic projections	Education and female labor-force participation matter more than headcount in relative prospects
Montt-Maray et al. (2023)	Sub-Saharan Africa	Scoping review; 1,652 identified, 40 included	Many interventions emphasize contraceptive uptake and may inadequately capture autonomy/choice
Ni et al. (2023)	International; 129 studies, 46.9 million pregnancies	Systematic review and dose-response meta-analysis	Extreme birth intervals are associated with several adverse pregnancy/birth outcomes
Pelras & Renk (2023)	India	Difference-in-differences with fixed effects	Emergency-era sterilization intensity reduced later use of public health services, especially vaccination
Romer (1990)	Theoretical / macroeconomic	Endogenous-growth model	Human capital and idea production, not headcount alone, drive long-run growth
Schlosser (2009)	United States, post-WWII	Historical discourse analysis	Neo-Malthusian population-resource claims intersected with geopolitics and national-security discourse
Senderowicz (2019)	Sub-Saharan African setting; 49 women	Qualitative in-depth interviews	Documents a spectrum of non-autonomous contraceptive experiences
Senderowicz (2020)	Global family-planning measurement	Conceptual / measurement article	Contraceptive autonomy includes informed, full, and free choice, including autonomous non-use
Senderowicz & Valley (2025)	Global / Global South	Critical evidence review	Fertility-reduction claims for sustainable development are more conflicted than often presented
Turok & McGranahan (2013)	Africa and Asia	Review of urbanization-growth evidence	Agglomeration benefits are conditional on infrastructure, institutions, and markets
Weindling (2012)	Britain, 20th century	Intellectual / institutional history	Documents continuity in Julian Huxley's eugenic commitments
Williams (2014)	India, 1975-77	Archival historical analysis	Family planning became tied to technocratic poverty policy during the Emergency
Woldegiorgis (2023)	34 African countries, 1990-2018	Fixed-effects panel analysis	Institutional and socioeconomic conditions shape the demographic dividend
Zhang (2017)	China	Economic literature review and exploratory estimates	Fertility was falling before 1979; one-child-policy effects are hard to identify cleanly

Note. The table lists the 37 scholarly records included in the scoping evidence map. Malthus (1798/1998), Boserup (1965), PRISMA-ScR, and the 14-item primary/authoritative documentary corpus are cited separately and are not counted in N = 37.

Synthesis proceeded by mechanism rather than vote counting. Six themes were charted: population scale and innovation; age structure and human-capability conversion; long-run low-fertility and ageing risks; reproductive health, autonomy, and program metrics; historical-institutional population governance; and environmental constraints. Contradictory findings were retained when they operated at different levels rather than forced into a common directional effect. Table 2 summarizes the resulting synthesis.

Table 2. Mechanism-based synthesis of the evidence

Theme	Evidence base	Synthesis	Inferential boundary
Population scale and innovation	Kremer; Romer; Klasen & Nestmann; Turok & McGrathan; country contrasts	Population size can enlarge markets and idea-producing capacity, but scale is neither necessary nor sufficient for prosperity.	Human capital, institutions, infrastructure, density, and market access mediate returns to scale.
Age structure and capability conversion	Lutz et al.; Cardona et al.; Bloom et al.; Garenne; Woldegiorgis; Marois et al.	Fertility decline can improve support ratios, but the dividend is primarily conditional on education and productive absorption.	Age structure is a window of opportunity, not an automatic causal engine.
Low fertility and later ageing	Jones; Ezech et al.; OECD/UN demographic evidence	Persistently low fertility can shift the problem from child dependency toward workforce contraction and old-age dependency.	Timing matters; short-run dividend logic should not be extrapolated indefinitely.
Reproductive health, autonomy, and metrics	Ahmed et al.; Conde-Agudelo et al.; Ni et al.; Senderowicz; Montt-Maray et al.; Lin et al.; Foley	Voluntary reproductive health can generate real health benefits, while uptake/fertility targets can conflict with autonomy and obscure non-fertility pathways.	Do not collapse clinical family planning, reproductive agency, and population-stabilization policy into one construct.
Historical population governance	Bashford; Carey; Connelly; Cullather; Schlosser; Weindling; official U.S./foundation records	Eugenic, philanthropic, developmental, diplomatic, resource, and national-security rationales are documented, including strategic communication and donor coordination.	Documented networks and confidential policy planning do not prove a unitary secret-society command structure.
Environmental constraints	Ezech et al.; Senderowicz & Valley; urban/institutional evidence	Population is one component of environmental pressure, not a sufficient proxy for impact.	Affluence, technology, consumption, urban form, energy systems, and local ecological limits must be modeled alongside headcount.

Note. Themes were synthesized by mechanism rather than by vote counting because the included designs address different causal and historical questions.

3.4. Documentary Analysis and Comparative Indicators

A separate documentary corpus contained 14 primary or authoritative sources from official repositories and institutional archives: U.S. National Security Study Memorandum 200 (NSSM 200), its published executive summary, National Security Decision Memorandum 314 (NSDM 314), the 1976 First Annual Report on U.S. International Population Policy, the Ford Foundation's 1964 annual report, Rockefeller Brothers Fund documentation of the Population Council, World Population Prospects 2024, World Bank indicators and current Africa employment analysis, WHO family-planning guidance, UNFPA's State of World Population 2025, OECD analysis of Korea, and current African Union and ILO statements. Documents were coded as A (directly documented), B (strong inference supported by convergent scholarship), C (association or intellectual overlap), or D (speculative or unverified). Category D propositions were reported only as negative findings, not as established explanations. Table S4 gives the documentary provenance and claim classification.

Comparative World Bank and UN indicators were used descriptively, not as causal tests. Cross-country contrasts functioned only as falsification checks against deterministic claims: populous prosperity shows that scale is compatible with development, not that scale causes it; low-population prosperity likewise shows that scale is not necessary.

3.5. Normative and Theological Boundary

The empirical synthesis and the normative analysis were kept distinct. Scripture was not used to infer demographic causality, estimate health effects, or adjudicate econometric findings. The Scripture-only subsection in the Discussion evaluates a narrower moral question - whether human beings and family formation may legitimately be instrumentalized to externally determined demographic ends - within an explicitly Christian normative framework.

4. Results and Analysis

4.1. Review Flow and Evidence-Map Characteristics

The final scoping map contained 37 scholarly records: 11 from the bounded formal search and 26 from documented citation chaining, foundational retrieval, and focused handsearching of Population Research and Policy Review. The corpus included cross-national and country-panel econometric studies, demographic projections and simulations, systematic

and scoping reviews, qualitative studies of reproductive coercion and autonomy, comparative policy studies, historical analyses, and foundational growth-theory articles. This heterogeneity is substantively informative because the review question concerns mechanisms rather than one common treatment effect. It also requires inferential restraint: historical association cannot substitute for causal identification, and projected demographic effects cannot be read as observed outcomes. Table 1 makes these design differences visible rather than collapsing them into a single evidence hierarchy.

Recent work in Population Research and Policy Review strengthens the relevance of the map. Marois et al. (2025) show that the India-China demographic comparison depends more on education and women's labor-force participation than on total population size, while Lin et al. (2026), using data on 31,934 children across 281 regions in 27 sub-Saharan African countries, find that associations between contraceptive context and child health are variable and not fully explained by fertility. Together, these studies reinforce a core conclusion of the broader literature: demographic quantities are mediated by social and institutional contexts rather than operating as self-executing development mechanisms.

4.2. Population Is Neither a Sufficient Asset nor a Sufficient Burden

The evidence rejects a monotonic relationship between population size and prosperity. The largest contemporary populations illustrate scale compatibility rather than a causal law. In 2024, India and China had populations of approximately 1.45 and 1.41 billion, respectively, while their nominal GDPs were about US\$3.91 trillion and US\$18.74 trillion (World Bank, 2026). Yet GDP per capita differed sharply, and populous Nigeria combined roughly 233 million people with GDP per capita of about US\$1,084 (World Bank, 2026). These contrasts falsify both crude propositions: large population does not prevent a large economy, but it does not guarantee high living standards.

The theory literature explains why. Kremer (1993) supports a scale mechanism through the production of ideas, but Romer (1990) explicitly cautions that population alone is insufficient because human capital determines research productivity. Boserupian responses also require institutions and incentives that allow scarcity to induce innovation rather than degradation. Urban scale has analogous conditionality:

agglomeration can deepen markets and specialization, yet congestion, weak infrastructure, informality, and poor governance can reverse those gains (Turok & McGranahan, 2013). Africa's policy problem is consequently better framed as a **human-capability conversion problem**: demographic potential becomes economic capacity only through mediating institutions.

This finding also clarifies the apparent contradiction between celebrating youth and encouraging fertility decline. The two positions can logically coexist. A society may value children highly while preferring wider birth intervals or lower completed fertility to improve maternal health, household investment, or dependency ratios. The contradiction arises only when the inference changes from "fertility decline can create favorable conditions" to "lower fertility is intrinsically equivalent to development." The evidence supports the former and not the latter.

4.3. The Demographic Dividend Is Conditional and Temporally Incomplete

The strongest African evidence is remarkably consistent on conditionality. Cardona et al. (2020) identify governance and economic institutions, family planning, maternal and child health, education, women's empowerment, and labor markets as mutually reinforcing conditions for generating and capturing a dividend. Bloom et al. (2017) similarly emphasize macroeconomic management, human capital, trade, governance, and labor and capital markets. Woldegiorgis (2023), using panel data for 34 African countries, finds that institutional quality and productive use of the youth cohort matter substantially. Garenne (2023) finds comparatively weak national-level correlations between dependency ratios and economic growth and stronger household-level relationships among fertility, mortality, education, and welfare.

Most important, Lutz et al. (2019) directly tests the conventional age-structure account. In a 165-country panel, education was more important for income growth than age structure, leading the authors to describe the dividend as fundamentally a human-capital dividend. This is particularly relevant to Africa. The African Union's own 2026 formulation links demographic promise to learning: it celebrates people and youth as the continent's greatest asset while simultaneously warning that severe learning poverty could prevent that asset from becoming a dividend (African Union, 2026). The ILO (2026) and Bodewig et

al. (2025) reach a similar diagnosis for jobs: the central constraint is not the presence of young people but the scarcity and low productivity of economic opportunities available to them.

Fertility decline can nevertheless deliver real compositional benefits. Li et al. (2018) estimate large historical gains from declining child dependency, although their simulation should not be read as experimental causal identification. At household level, fewer closely spaced births can reduce maternal risk and permit greater investment per child. The correct synthesis is therefore conditional: fertility transition can improve the age structure and household resource environment, but its economic yield depends on what societies do with the resulting time, savings, health gains, and working-age population.

The conventional dividend narrative also becomes incomplete if it stops before ageing. UN DESA (2024) reports that more than half of countries and areas now have fertility below the approximate replacement level and that 24 already-peaked populations had fertility below 1.4 in 2024, including China, the Republic of Korea, Italy, and Spain. Jones (2022) demonstrates the theoretical growth risk of sustained decline when idea production depends on the number of researchers. OECD (2025) shows the fiscal and labor-market consequences concretely in Korea, where ultra-low fertility accelerates ageing and contraction. Thus fertility decline has a time profile: it can reduce child dependency, open a working-age window, and eventually raise old-age dependency if low fertility persists. Policy needs the full cycle, not only its favorable middle phase.

4.4. Comparative Cases Expose Both Sides of Demographic Engineering

China is particularly instructive because fertility was already falling rapidly before the one-child policy. Chen and Huang (2020) document the large decline during the 1970s family-planning campaign, and Zhang (2017) emphasizes that fertility had fallen substantially before the 1979 policy, making simple attribution of subsequent growth to the one-child regime untenable. China's subsequent population peak and ultra-low fertility show a different risk: demographic restrictions are difficult to reverse once family formation, housing, work, gender expectations, and preferences adapt to low fertility. The case supports neither "population control caused China's prosperity" nor "large population caused it". It

demonstrates policy endogeneity and long demographic lags.

India provides clearer evidence of coercive policy costs. Connelly (2006) traces population-control interventions before the 1975 Emergency and documents the role of international as well as domestic actors. Williams (2014) shows how family planning became embedded in a technocratic poverty-eradication agenda during the Emergency. Pelras and Renk (2023), using difference-in-differences variation in sterilization intensity, find that the campaign reduced subsequent use of public health services, particularly vaccination, with evidence consistent with damaged trust. The broader lesson is institutional: a policy designed to produce demographic or fiscal gains can impose durable costs if it violates agency and destroys confidence in public institutions.

A contemporary China-India comparison published in *Population Research and Policy Review* reinforces the human-capital interpretation. Marois et al. (2025) argue that India's potential demographic advantage over China depends less on total population size than on educational improvement and women's labor-force participation. This directly contradicts head-count determinism and strengthens the human-capability conversion thesis.

4.5. From Reproductive Health Service to Fertility Instrument: Where Rhetoric and Program Incentives Diverge

The evidence requires separating at least three uses that are frequently placed under the same label. First, family planning can be a clinical service responding to people's own preferences for spacing, limiting, or achieving pregnancy. WHO (2025) frames family planning in terms of desired family size and spacing, and the health literature associates avoidance of unintended or very closely spaced pregnancies with meaningful maternal and perinatal benefits (Ahmed et al., 2012; Conde-Agudelo et al., 2012; Ni et al., 2023). Those findings are not negated by criticism of population policy. Second, family planning can be a rights-and-agency framework in which the evaluative outcome is whether people can make informed, free, and realizable reproductive choices. Third, the same technologies can be embedded in a macro-demographic strategy whose outcome variable is contraceptive uptake, fertility decline, or population stabilization. These three uses may overlap, but they are not analytically identical.

The distinction matters because program metrics can alter institutional incentives. Senderowicz (2019) documents contraceptive coercion ranging from directive counseling and constrained method choice to non-consented practices. A later qualitative study based on 17 focus groups in an anonymized African country found that participants also described provider-imposed pressure and coercion justified through narratives of vulnerability, poverty, disability, and high parity (Senderowicz, 2025). Senderowicz (2020) therefore proposes contraceptive autonomy, in which informed, full, and free choice treats autonomous non-use as a legitimate outcome. Montt-Maray et al. (2023), after screening 1,652 papers and including 40 sub-Saharan African interventions, found that many programs operationalized success primarily through modern-method uptake and often privileged long-acting methods, creating ethical tension with choice-based objectives. Belachew et al. (2023) and John and Edmeades (2018) further show that reproductive decision-making and coercion remain empirically salient in African settings.

The development rhetoric deserves equally careful scrutiny. Foley (2022) traces the renewed use of economic-demographic arguments for family planning in Africa and warns that an objective of rapid fertility reduction can conflict with reproductive autonomy even when services are formally voluntary. Senderowicz and Valley (2025) review common claims that fertility reduction is a major solution to poverty, maternal ill-health, and environmental degradation and conclude that the evidence is more conditional and assumption-dependent than advocacy narratives often imply. Lin et al. (2026) adds an important recent demographic-policy test: regional contraceptive prevalence was associated with some child-health outcomes, but those relationships were variable and not reducible to fertility itself. These findings challenge a rhetorical shortcut in which contraception becomes beneficial because it lowers fertility and fertility becomes beneficial because it is presumed to cause development.

A defensible evaluation therefore asks what the program is optimizing. If success is measured by informed preference concordance, method choice, safety, discontinuation and removal on request, and the ability both to avoid and to achieve pregnancy, the framework is agency-centered. If success is primarily a directional movement in contraceptive prevalence, total fertility, or population growth, the

program has a demographic objective even if delivered through health institutions. UNFPA's 2025 formulation - that the contemporary fertility problem is people's inability to realize their desired family size, including desires for more, fewer, or no children - provides a stronger symmetry criterion. The critical issue is not the phrase "family planning" itself but whether the stated language of choice is matched by the operational target and accountability metric.

4.6. Confidential State Planning, Donor Networks, and the Evidentiary Limits of Conspiracy Claims

The historical record supports a serious critique of population governance without requiring speculation. Scholarship documents substantial intersections among Malthusian scarcity arguments, eugenics, birth-control movements, development planning, and post-war geopolitical thought (Bashford, 2007; Carey, 2012; Schlosser, 2009). Julian Huxley is a documented bridging figure: Weindling (2012) traces continuity in his eugenic commitments alongside later international scientific and social-planning roles. That continuity is historically relevant, but it does not by itself demonstrate that UNESCO or subsequent population institutions were covert eugenic organizations. Connelly (2003) likewise cautions against a one-directional narrative in which Western actors simply imposed population policy on passive recipients; domestic governments, experts, and constituencies also exercised agency.

Philanthropic institution building is directly documented. Rockefeller Brothers Fund records identify John D. Rockefeller III's role in founding the Population Council in 1952 around population, fertility, and family-planning concerns. The Ford Foundation's 1964 annual report discussed baseline statistics for population-control programs, mass communication of birth-control methods, large-scale family-planning assistance, and fertility control as part of development policy (Ford Foundation, 1964). Cullather (2014) complicates any claim of ideological uniformity, showing that foundation officials who funded population-control work often understood themselves as technological modernizers rather than strict ecological Malthusians. The defensible finding is therefore a transnational philanthropic-policy infrastructure with overlapping but heterogeneous rationales.

The declassified U.S. record goes further because it documents state purpose, internal coordination, and diplomatic strategy. NSSM 200, issued on 24 April 1974, directed an interagency study of world

population growth specifically in relation to U.S. security and overseas interests and required consideration of development, trade, resources, foreign-policy behavior, and international stability (National Security Council, 1974). The source record is classified as confidential. The published executive summary identified 13 priority countries that included Nigeria and Ethiopia (National Security Council Under Secretaries Committee, 1974). NSDM 314 then stated that U.S. leadership on world population was considered important both to implementation of the World Population Plan of Action and to U.S. security and overseas interests (National Security Council, 1975).

The 1976 First Annual Report on U.S. International Population Policy is especially important because it moves beyond abstract concern to implementation. Prepared by an interagency task force pursuant to NSDM 314, it instructed U.S. officials to use suitable occasions and discreet diplomatic means to influence leaders in less-developed countries; treated population strategy as part of total diplomacy; recommended low-key approaches where programs might otherwise be perceived as serving U.S. interests; differentiated terminology according to political receptivity, preferring family-planning or responsible parenthood language to birth-control language in countries not committed to population programs; and proposed coordinated use of bilateral aid, UNFPA, IPPF, other donors, and private intermediaries (National Security Council Under Secretaries Committee, 1976). It also explicitly recommended efforts to shift international and development activities toward fertility-reduction effects while cautioning against involuntary sterilization. These are Category A findings because they are stated in primary government records, not inferred from hostile commentary.

The primary record therefore rules out an exclusively humanitarian or politically neutral account of the historical international population project: important state actors explicitly linked population policy to security, overseas interests, resources, stability, diplomacy, donor coordination, and fertility reduction. It does not follow that contemporary health workers or multilateral programs inherit those motives. Institutions and rights frameworks change, and the same records contain anti-coercion qualifications. The defensible conclusion is mixed motives and documented coordination, not total causal continuity.

The search also tested claims that Freemasonry, the Illuminati, Bilderberg, or other secret societies

directed modern population policy. No Category A or B evidence established such a command structure. Carey (2012), for example, situates Annie Besant's Malthusian writings within birth-control and eugenic history, but intellectual overlap is not institutional control. Rejecting an unsupported secret-command claim strengthens the documented critique of confidential state planning, philanthropic networks, rhetorical calibration, and donor coordination.

4.7. Environmental Limits Require Consumption and Technology as Well as Headcount

Population is a genuine component of environmental impact, but it is not an adequate proxy for impact. The familiar IPAT identity treats impact as jointly shaped by population, affluence, and technology. Consequently, identical population increments can have very different environmental effects under different consumption patterns and production technologies. Senderowicz and Valley (2025) review the tendency to frame fertility reduction as an environmental intervention and argue that the causal evidence is often overstated relative to structural drivers of consumption and emissions. Conversely, Malthusian and ecological scholarship correctly warns that technology cannot make all local constraints disappear: land, water, biodiversity, congestion, and public infrastructure can be stressed by rapid growth.

The defensible conclusion is therefore distributional and institutional. Environmental policy should neither ignore population nor treat fertility as a substitute for decarbonization, efficient cities, clean energy, agricultural productivity, and sustainable consumption. This is particularly important for Africa, where development policy must accommodate hundreds of millions of additional workers and urban residents while avoiding carbon-intensive development paths. Reducing the existence of low-consuming future persons cannot be presumed ethically or analytically equivalent to reducing high-impact consumption.

5. Discussion

5.1. What the Population-Burden Paradigm Gets Right, and What It Misses

The review does not validate the claim that high fertility is harmless. Closely spaced pregnancies carry health risks; large dependent cohorts can constrain household and public investment; fast labor-force growth can outpace job creation; and infrastructure,

land, water, and urban systems can be overwhelmed. Fertility decline can therefore improve maternal health, household resource allocation, and age structure. Any serious critique of population policy must concede these findings rather than recast every fertility intervention as coercion.

What the burden paradigm misses is the conditional and dynamic nature of people. A child is a dependent today and potentially a producer, innovator, caregiver, and taxpayer tomorrow. Whether that transition occurs is not biologically guaranteed. It is governed by education, health, institutions, capital, productive firms, technology, labor demand, and social organization. The same population can therefore produce radically different outcomes under different institutional regimes. The African Union's apparently contradictory rhetoric is, on closer inspection, coherent when read through this mechanism: people are an asset in potential, and realizing that asset requires deliberate capability formation (African Union, 2026).

The synthesis supports three integrative contributions. The first, **asymmetric accounting of persons**, is a diagnostic extension rather than a claim to replace demographic life-cycle accounting. Demographic cost is often immediately observable, while future human contribution is stochastic. Models and policy narratives can therefore over-weight predictable consumption and under-weight contingent production. The correction is not to assume that future contributions will occur, but to make the conversion conditions explicit and testable. A demographic model that counts children only as dependents is accurate for current age structure; a development narrative that treats that classification as their enduring economic identity is not.

The second contribution is the **human-capability conversion thesis**, an integration of existing scale, human-capital, and demographic-dividend scholarship. Population can enlarge markets, labor pools, care networks, and the potential supply of ideas, but education and institutions determine how much of that option value is realized. This reconciles Kremer's scale mechanism with Romer's human-capital condition, Lutz et al.'s educational dividend, and African evidence on institutional complementarity without treating China, India, or Nigeria as deterministic cases.

The third contribution is temporal. The demographic dividend is best understood as a sequence rather

than a destination. High fertility can generate high child dependency; fertility decline can improve support ratios; sustained very low fertility can later produce workforce contraction and old-age dependency. The long-run policy objective should therefore not be "lower fertility" but sustainable intergenerational balance compatible with reproductive agency.

5.2. Demographic Stewardship as an Alternative Policy Framework

The evidence supports an alternative framework termed **demographic stewardship**. It rejects both anti-natalist population engineering and indiscriminate pronatalism. Its outcome variable is not fertility itself but the extent to which a society enables people to form families freely, survive and flourish, develop capabilities, participate productively, and sustain

obligations across generations while remaining within ecological and fiscal constraints.

The framework has four layers. First, **intrinsic dignity and reproductive agency** establish ethical boundaries: persons must not be reduced to demographic instruments, and autonomous decisions to use or not use contraception count as legitimate outcomes. Second, **capability formation** includes maternal and child health, nutrition, education, skills, family stability, and protection from coercion. Third, **conversion institutions** include governance, infrastructure, capital, technology, productive firms, labor-market access, and integrated markets. Fourth, **intergenerational stewardship** evaluates dependency, ageing, public finance, care systems, ecological pressure, and the sustainability of family formation over time.

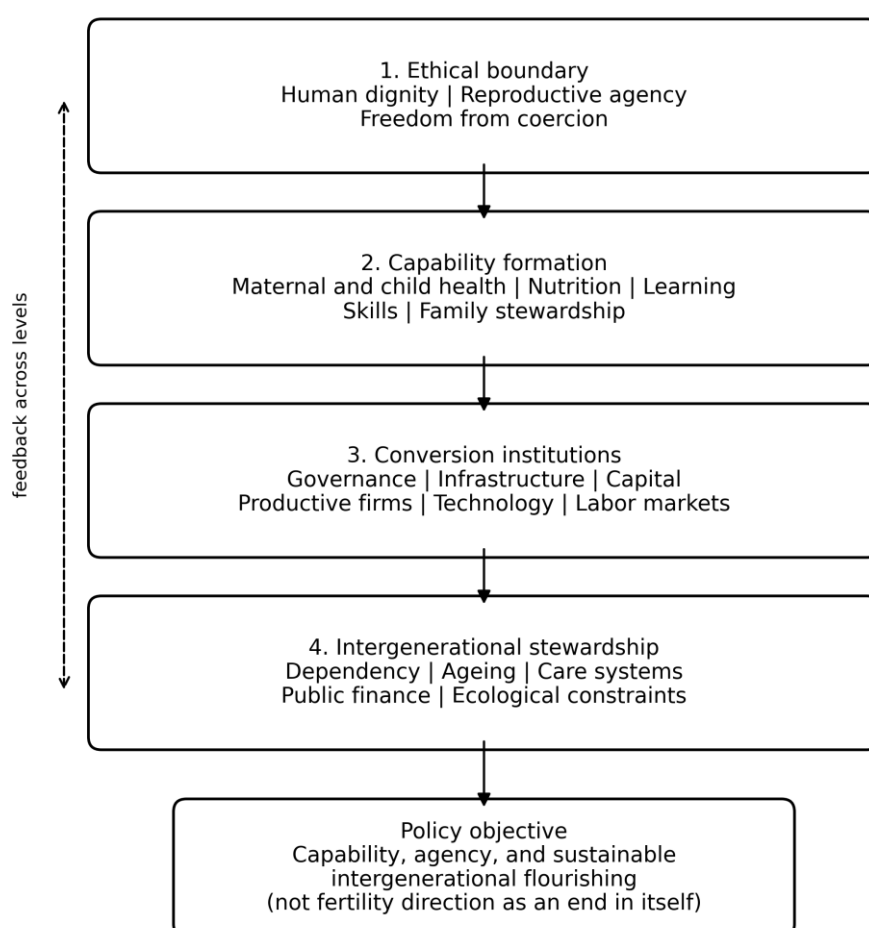


Figure 2. Demographic Stewardship Framework.

Alt text: Conceptual model showing four linked layers - ethical boundary, capability formation, conversion institutions, and intergenerational stewardship - leading to the policy objective of capability, agency, and sustainable intergenerational flourishing, with feedback across levels.

Note. Arrows indicate sequential conversion and feedback across levels. The framework treats fertility direction as an intermediate demographic condition rather than the ultimate policy objective.

This framework changes African policy priorities. A government facing rapid population growth should not ignore fertility, but neither should it use fertility reduction as a surrogate for institutional reform. Investments that reduce involuntary fertility can coexist with investments that reduce involuntary childlessness and make desired family formation economically feasible. Family-planning programs should measure autonomy, method choice, discontinuation, removal on request, informed consent, and preference concordance, not uptake alone. Education systems should be evaluated by learning rather than enrollment alone. Employment policy should focus on productivity and firm growth rather than treating the number of labor-market entrants as the primary failure. AfCFTA and urbanization can enlarge markets, but only infrastructure, governance, and productive capacity can convert market size into shared prosperity.

The historical findings also support **demographic sovereignty** as a procedural principle. International assistance is legitimate and often beneficial, but externally financed programs should be transparent about demographic objectives, indicators, and incentives. The history of eugenics, coercive sterilization, philanthropic population programs, and security-oriented population planning justifies vigilance without requiring conspiratorial inference. Transparency, consent, local democratic accountability, and preference-based metrics are better safeguards than assuming either benevolence or malign intent.

5.3. Scripture-Only Normative Appraisal of Fertility Governance

This subsection is not part of the empirical synthesis. It asks, from Scripture alone, what moral boundaries apply when institutions seek to govern fertility for economic, political, or demographic ends. Scripture begins by locating human worth before economic utility: humanity is created in the image of God, blessed, and commissioned to be fruitful and exercise responsible dominion ([Genesis 1:26-28](#)). After the flood, fruitfulness is reiterated in the same passage that grounds the sanctity of human life in God's image ([Genesis 9:1-7](#)). A biblical anthropology therefore resists any framework in which the existence of persons must first be justified by their net fiscal value, carbon footprint, or contribution to aggregate output.

Scripture also provides a stark paradigm of demographic power. Pharaoh feared the numerical growth of Israel because he believed a larger people could

become politically and militarily threatening; his response moved from oppressive labor to state-directed suppression of male births ([Exodus 1:8-22](#)). The text does not permit the inference that every contemporary family-planning program resembles Pharaoh's policy. It does, however, establish a clear moral warning against treating the fertility of another people as a problem to be managed because their numbers are feared, strategically inconvenient, or politically consequential. In Scripture, the abuse lies not merely in the final violence but in the prior instrumental logic that converts persons and families into objects of state security management.

Children are a heritage from the Lord ([Psalm 127:3-5](#)), and Jesus receives children when others would exclude them ([Mark 10:13-16](#)). Yet Scripture also commands household provision ([1 Timothy 5:8](#)), governs marital intimacy by mutuality ([1 Corinthians 7:3-5](#)), and rejects domination as the model of authority ([Mark 10:42-45](#)). The resulting ethic joins welcome of children with stewardship, mutuality, and limits on coercive power.

Scripture does not directly adjudicate modern contraceptive technologies or prescribe a numerical fertility target. It therefore warrants neither a blanket condemnation of every contraceptive use nor an institutional right to impose a preferred fertility trajectory. Its narrower challenge is clear: children are not merely burdens, fear of another people's numbers does not authorize demographic domination, and family life must not be reduced to an instrument of state or donor strategy.

5.4. Limitations

Five limitations constrain interpretation. First, the formal search used a multidisciplinary semantic index with a bounded relevance-ranked return. The exact queries, counts, and record-level decisions are reproducible, but coverage is not equivalent to exhaustive database exports from Scopus, Web of Science, PubMed, and EconLit; this is the principal reason the article is reported as a scoping rather than systematic review. Second, heterogeneous designs preclude a pooled effect size or common risk-of-bias score. Third, descriptive country comparisons cannot identify causal effects of population size or fertility. Fourth, historical documents reveal stated objectives, funding, communication strategy, and institutional coordination more reliably than hidden motive; claims about covert intent therefore remain bounded by what the record actually says. Fifth, the Scripture-

only section is an explicit normative lens and should not be interpreted as empirical evidence or as a demographic model.

These limitations delimit the strongest claims. The review does not establish an optimal fertility rate for Africa, prove that population growth causes innovation, or show that contemporary family planning is a unitary covert eugenic project. It does establish that demographic outcomes are conditional; that health benefits, reproductive autonomy, and fertility-reduction objectives must be analytically separated; that sustained low fertility creates later ageing risks; and that historical population governance included documented eugenic, philanthropic, developmental, diplomatic, and national-security strands. The primary records further establish strategic communication and donor coordination, but they do not establish the alleged command of secret societies.

6. Conclusion

Africa's demographic debate is poorly served by the binary choice between "population explosion" and "people are wealth." Both propositions become misleading when detached from institutions, age structure, health, education, employment, agency, and

time. A large population can support large markets, specialization, innovation, and geopolitical weight, but it can also intensify dependency and institutional stress. Fertility decline can improve health and age structure, but it does not create prosperity automatically and, when sustained far below replacement, introduces ageing and workforce risks.

The more defensible policy question is therefore not how many Africans external institutions should prefer to exist, but how African societies can enable people to live, learn, work, form families without coercion, innovate, care across generations, and steward finite resources. **Demographic stewardship** reframes population policy around that question. It treats human beings as persons before they are variables, reproductive agency as an outcome rather than an obstacle, and institutional capability as the mechanism that separates demographic opportunity from demographic distress. On the evidence reviewed, Africa's central challenge is not simply population growth. It is the conversion of extraordinary human potential into health, knowledge, productive capacity, social contribution, and durable intergenerational flourishing.

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MATERIALS AND CODE AVAILABILITY	No proprietary materials or custom analytical code are required to reproduce the reported review procedure.
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