


Global Population and Economic Trends: 2000 - 2050- Gapminder Analysis

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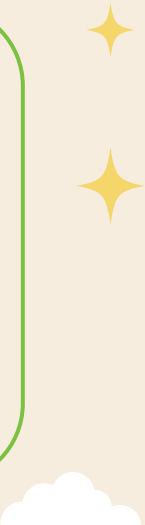




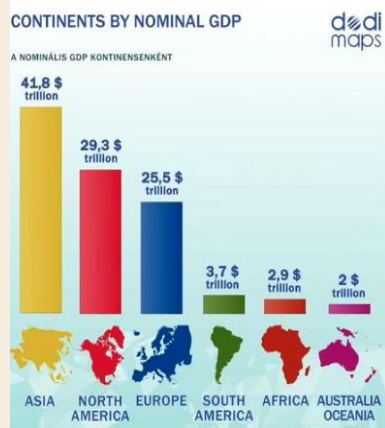
Introduction



Today analysis highlights the shifting demographic landscape, showcasing the fastest-growing and shrinking populations, as well as the relationship between economic growth and population trends. Through visualizations of historical and projected data from 2000 to 2050, we explore key insights into regional population shifts, economic development, and long-term sustainability challenges.



WORLD POPULATION & GDP DISTRIBUTION PER CONTINENTS



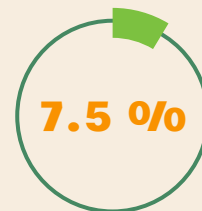
59%

Asia



18.5%

Africa



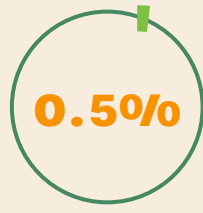
7.5 %

North
America



5.5%

South
America



0.5%

Australia &
Oceania




9%

Europe

Key Insights

- **Top 5 Countries with the Highest Population in 2050**
- India is projected to be the most populous country with 1.67 billion people, surpassing China.
- China follows with a population of 1.31 billion, indicating slower growth compared to previous decades.
- Nigeria emerges as the most populous African nation with a population of 377 million, reflecting rapid growth.
- The United States is expected to have 375 million people, maintaining its position as a leading global power.
- Pakistan reaches 368 million, highlighting continued population expansion in South Asia.
- 📌 Key Insight: India is set to overtake China as the world's most populous country by 2050, while Nigeria leads Africa's population boom.
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Key Insights

- **Top 5 Fastest Growing Countries (2000 - 2050)**
- Niger leads the world in population growth, expanding by 477.6%.
- Qatar follows with a 416.9% increase, likely driven by economic migration.
- Democratic Republic of the Congo sees a 346.5% rise, reflecting Africa's rapid demographic expansion.
- Chad and Angola experience similar surges, each growing by ~341%.
-  Key Insight: African nations dominate population growth, while Qatar's rapid increase is fueled by immigration and economic factors.

Global Population Insights

USA

Expected to grow from today's 342m to 377M population by 2050

India

Will remain as most populous country in the World

Africa

African countries expecting to have highest population growth by 2050 and onwards



Key Insights

- **Bottom 5 Slowest Growing (or Shrinking) Countries (2000 - 2050)**
- Latvia is projected to lose 40.1% of its population.
- Lithuania follows closely with a 39.1% decline.
- Bulgaria, Bosnia and Herzegovina, and Ukraine also face population reductions exceeding -30%

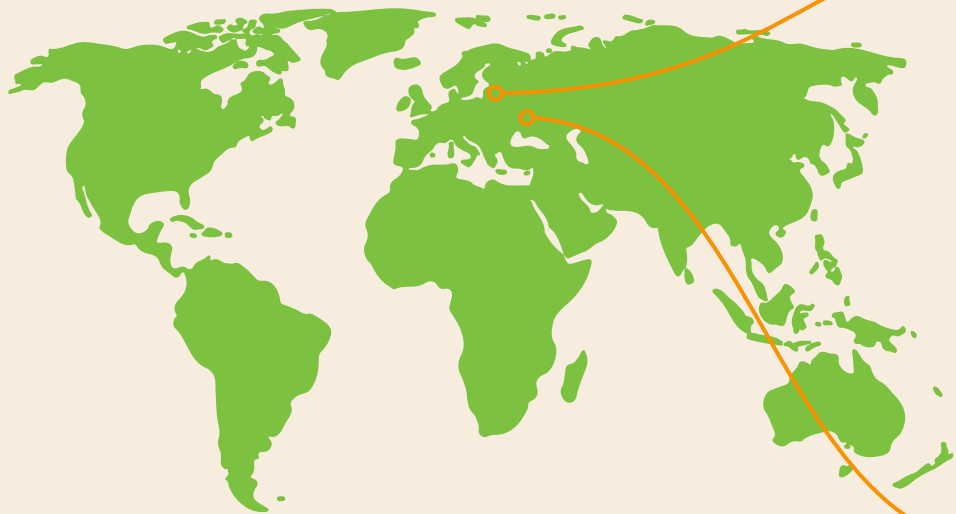
Global Population Insights

Population growth is projected to slow to 0.5% annually by 2050, down from 0.8% in 2025.

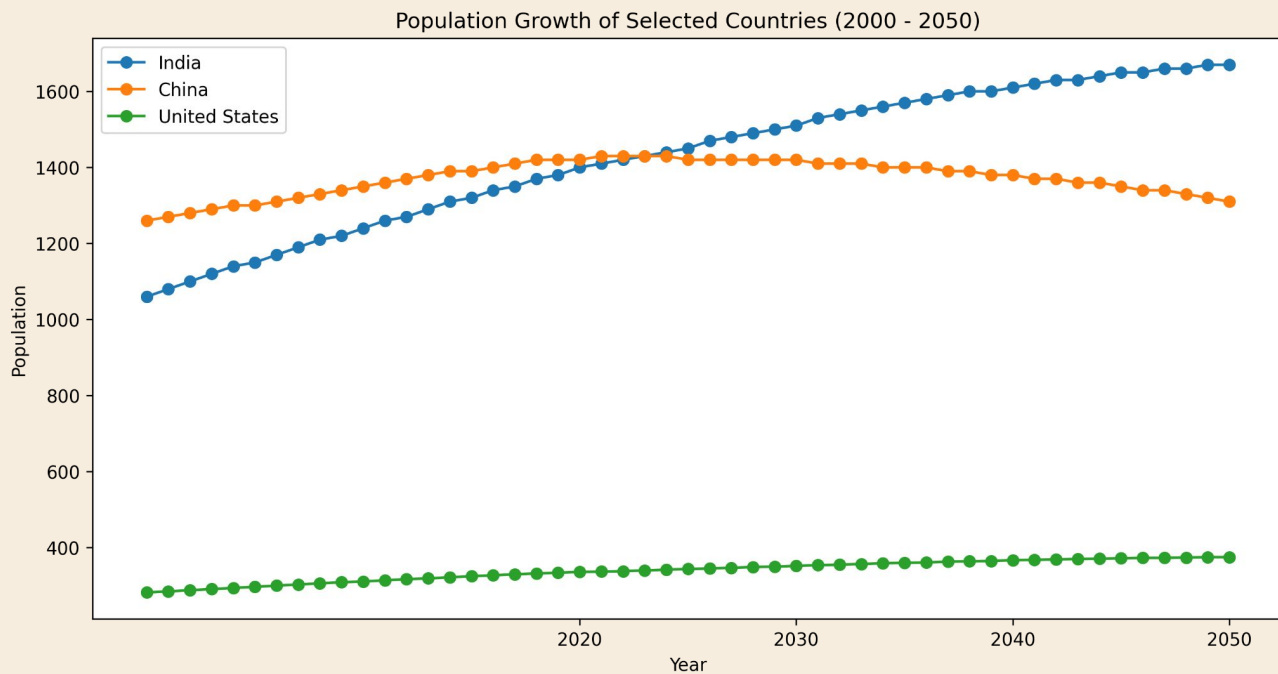
Eastern Europe's Population expected to decline by 30%

📌 **Key Insight:** Eastern European countries face severe population decline due to aging populations, low birth rates, and emigration trends.

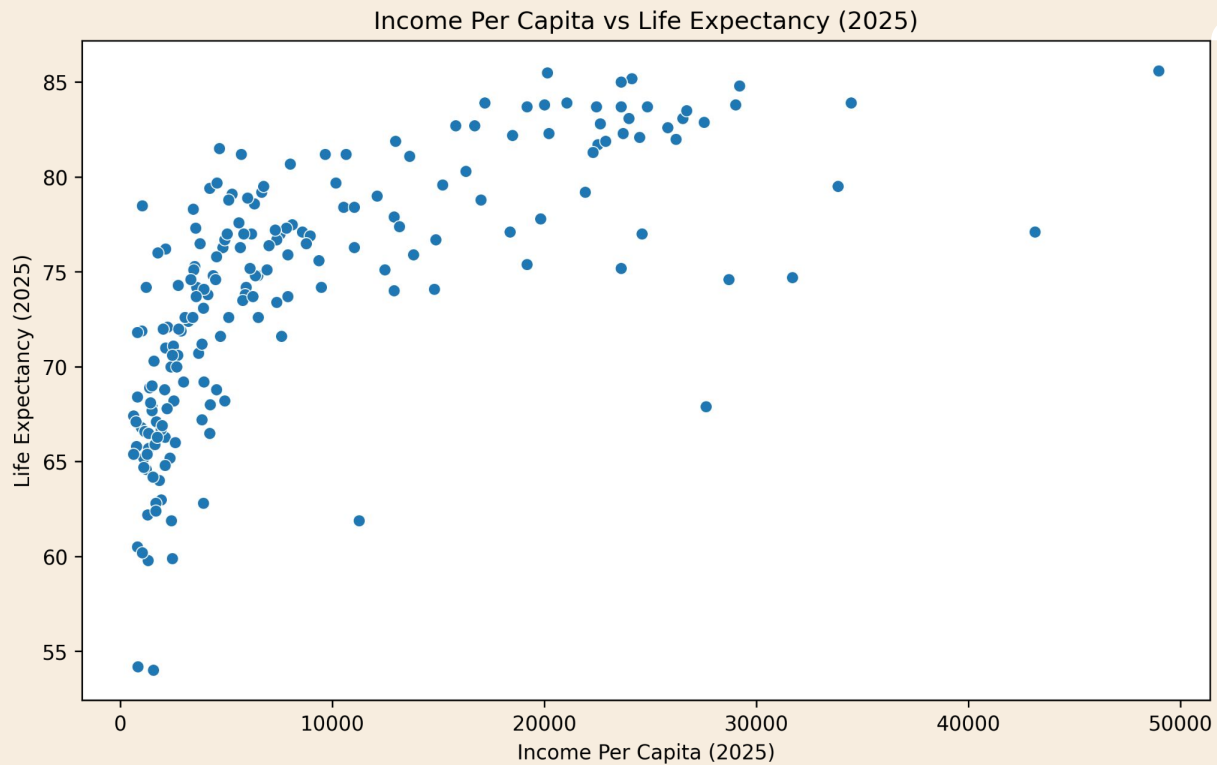
All 15 former Soviet countries are projected to experience a population decline by 2050.



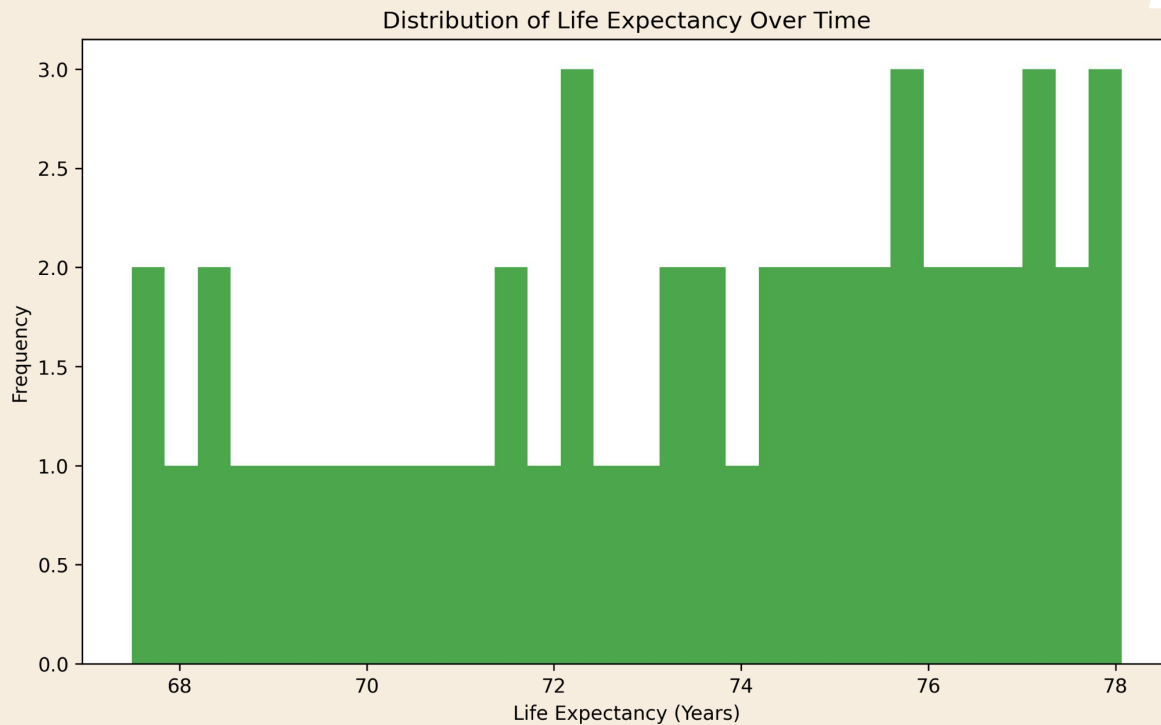
Plots



Plots



Plots



Conclusions and Recommendations

Recommendations for Policymakers & Analysts

- 1 Support Sustainable Population Growth
 - ✓ Developed nations should implement pro-family policies (childcare benefits, tax incentives) to counteract aging populations.
 - ✓ Rapidly growing African nations need infrastructure investment (education, jobs, healthcare) to sustain growth.
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- 2 Address Economic Disparities
 - ✓ Encourage diversification in resource-rich nations to prevent economic dependence on oil/gas.
 - ✓ Support innovation & investment in declining economies to retain young talent and boost productivity.



Conclusions and Recommendations (Cont..)

- **3** Improve Healthcare Access
- ☒ Developing countries should focus on public health investment to increase life expectancy.
- ☒ Targeted vaccination campaigns & disease prevention programs could narrow longevity gaps.
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- **4** Address Workforce Shortages in Aging Nations
- ☒ Immigration policies should support skilled labor to compensate for workforce decline.
- ☒ Encourage remote work & digital economy to maintain economic growth despite population shrinkage.

