

هو الحكيم

نگاهی عمیق تر به روند تغییرات جمعیتی عوامل اجتماعی-اقتصادی و تغییرات نگرش فردی-فلسفی

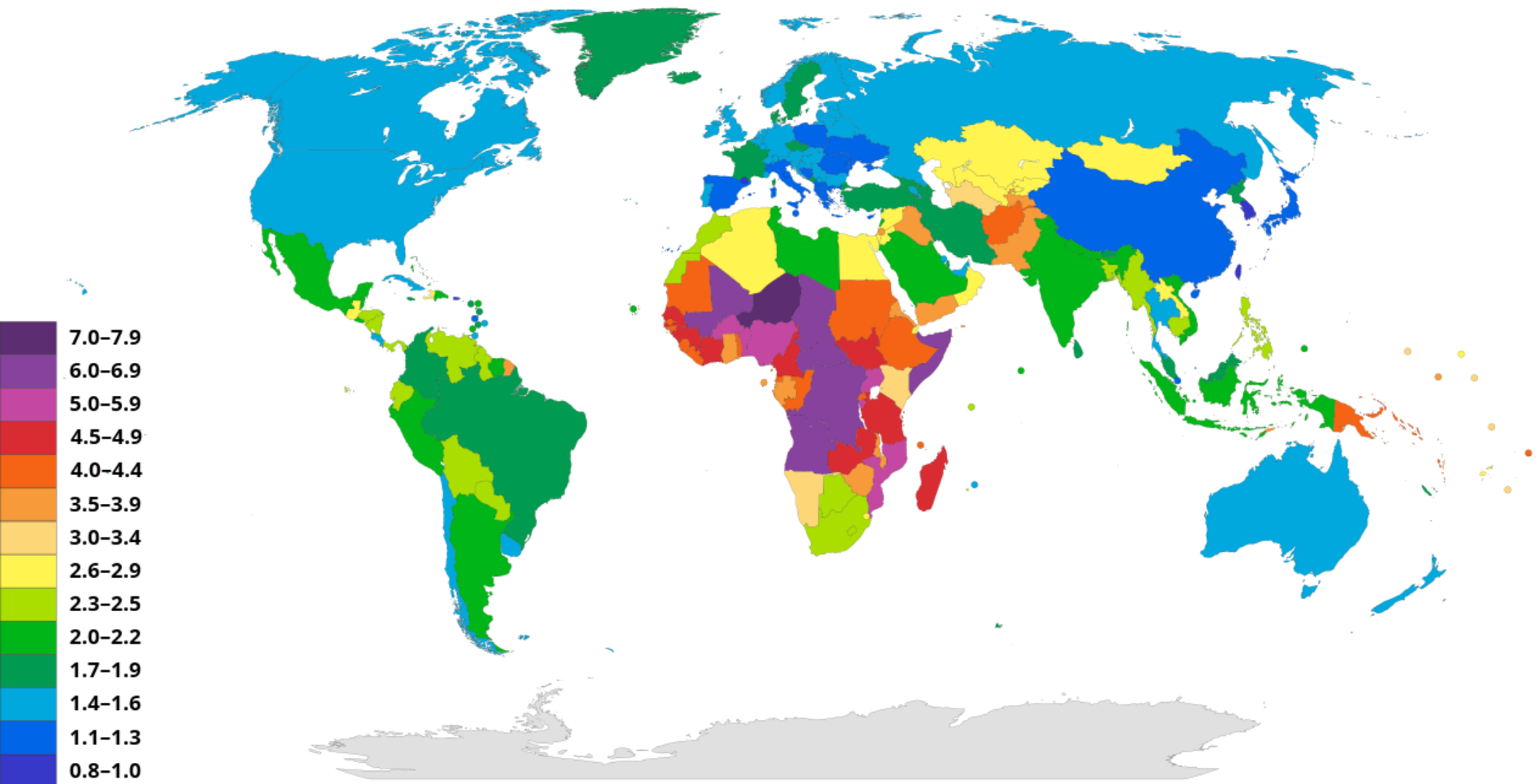


دکتر محمد رضا نقی پور

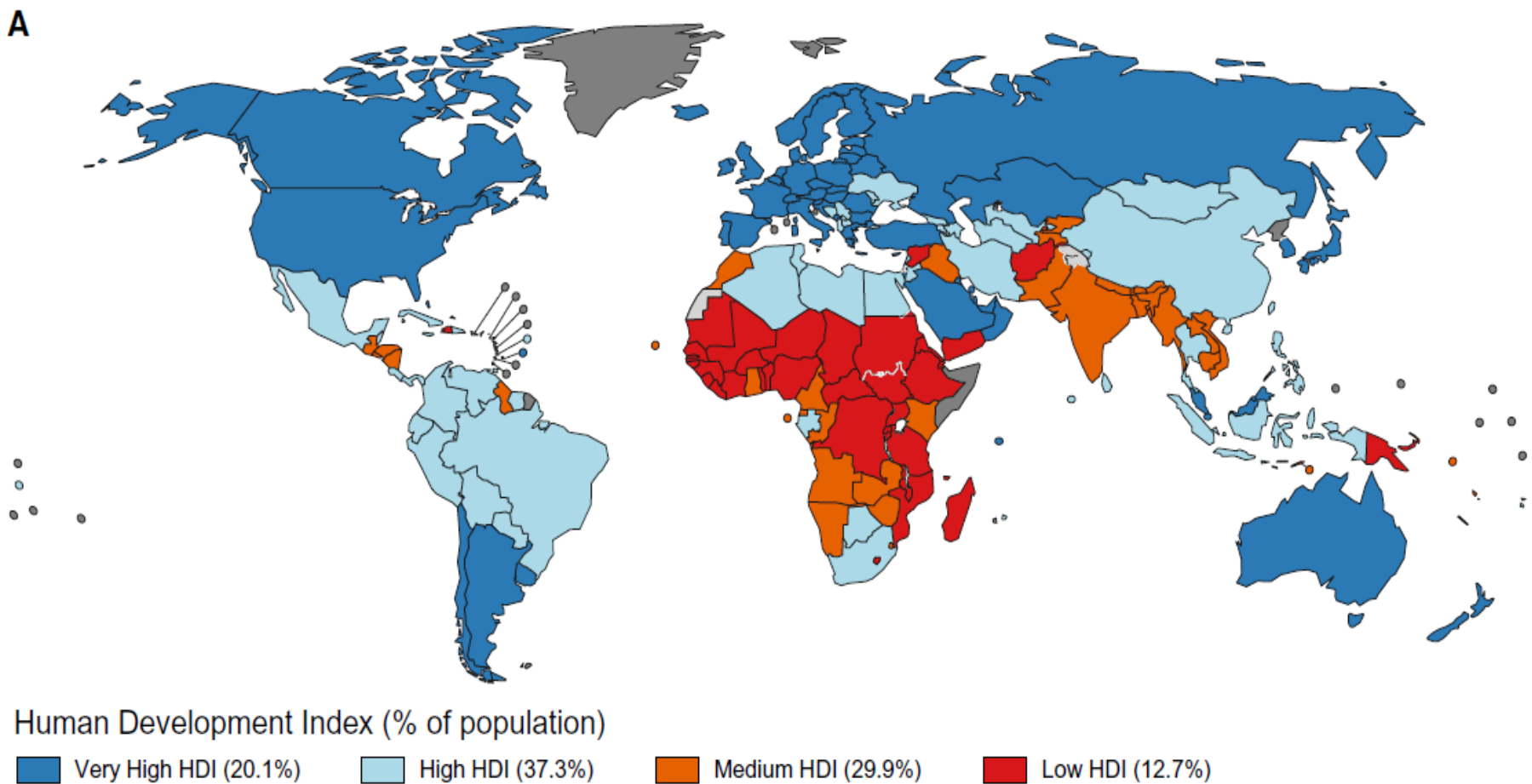
معاون تحقیقات و فناوری

دانشگاه علوم پزشکی گیلان

Total Fertility Rate (TFR), 2020

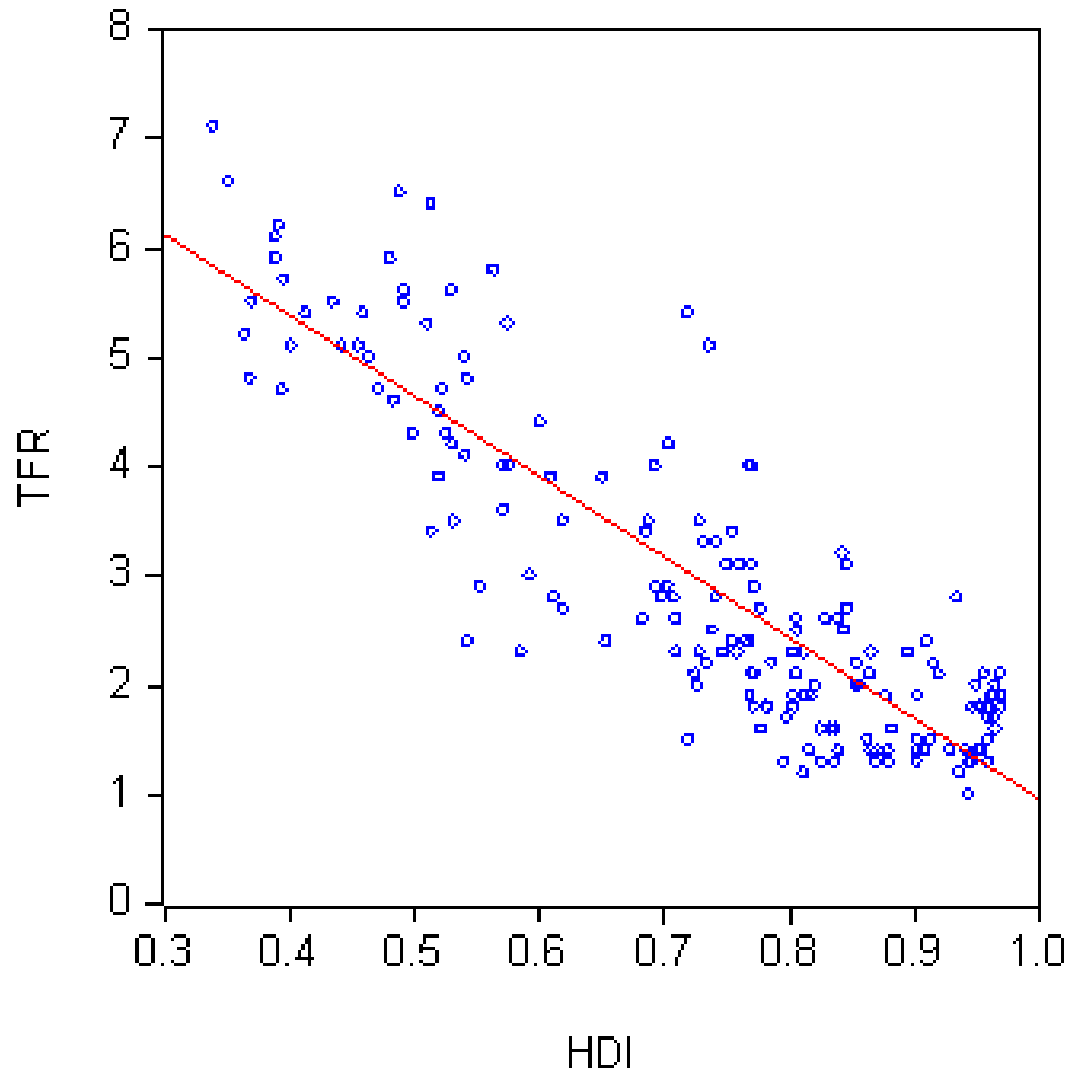


Human Development Index (HDI)



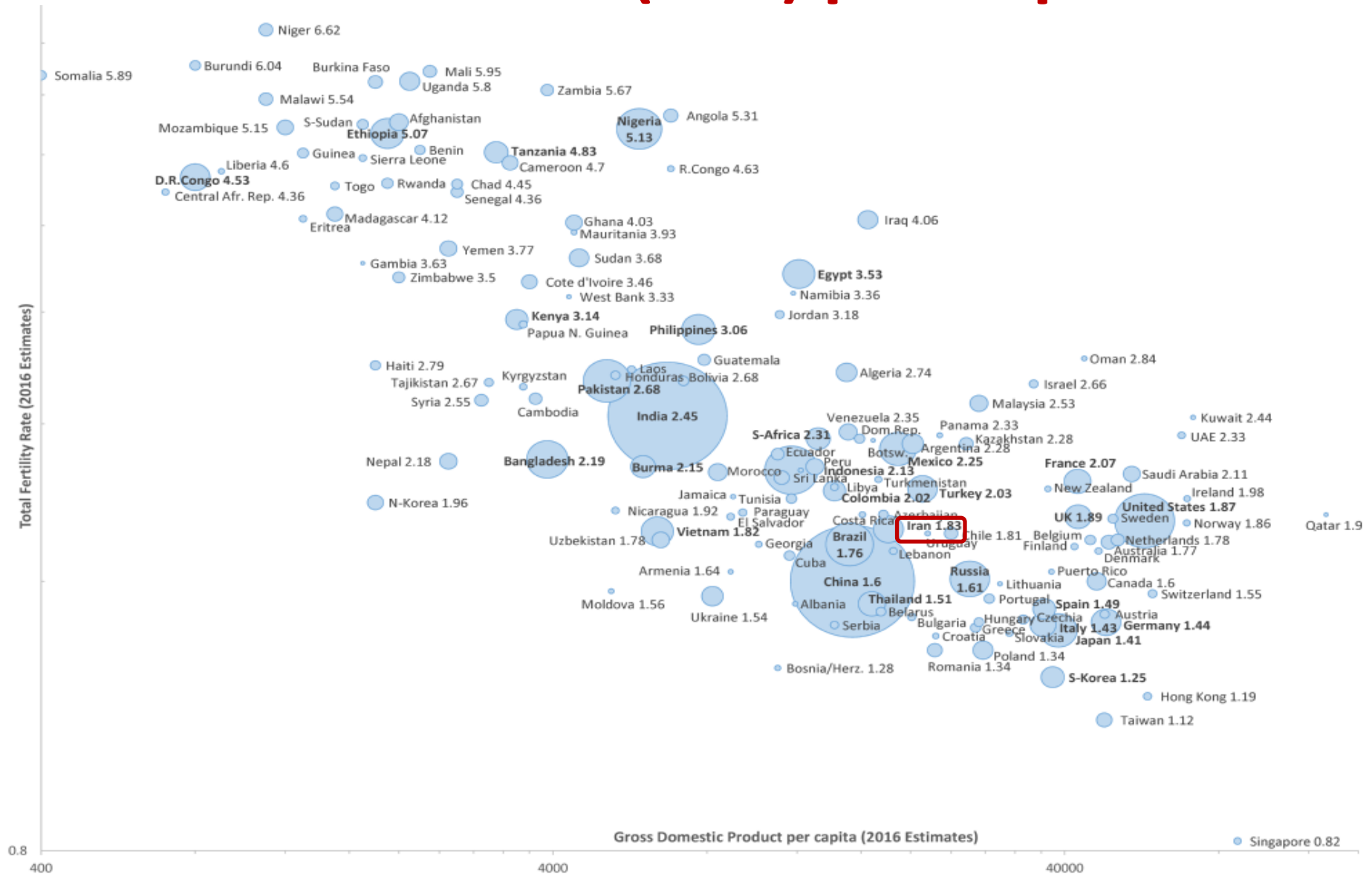
TFR vs. HDI

Source: UN Human Development Report



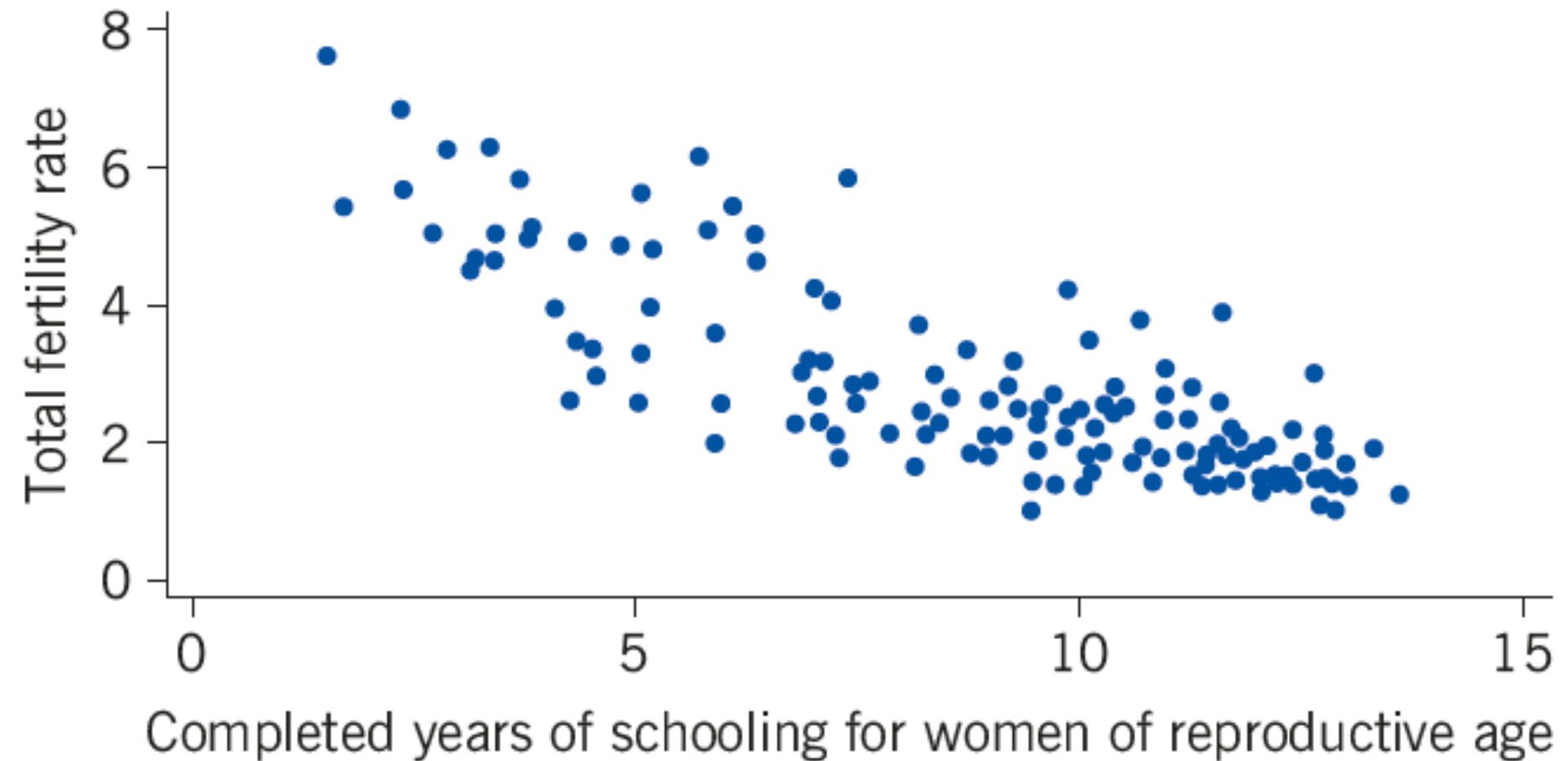
هر چه توسعه یافته تر ... زاد و ولد کمتر!

TFR vs. GDP (PPP) per Capita



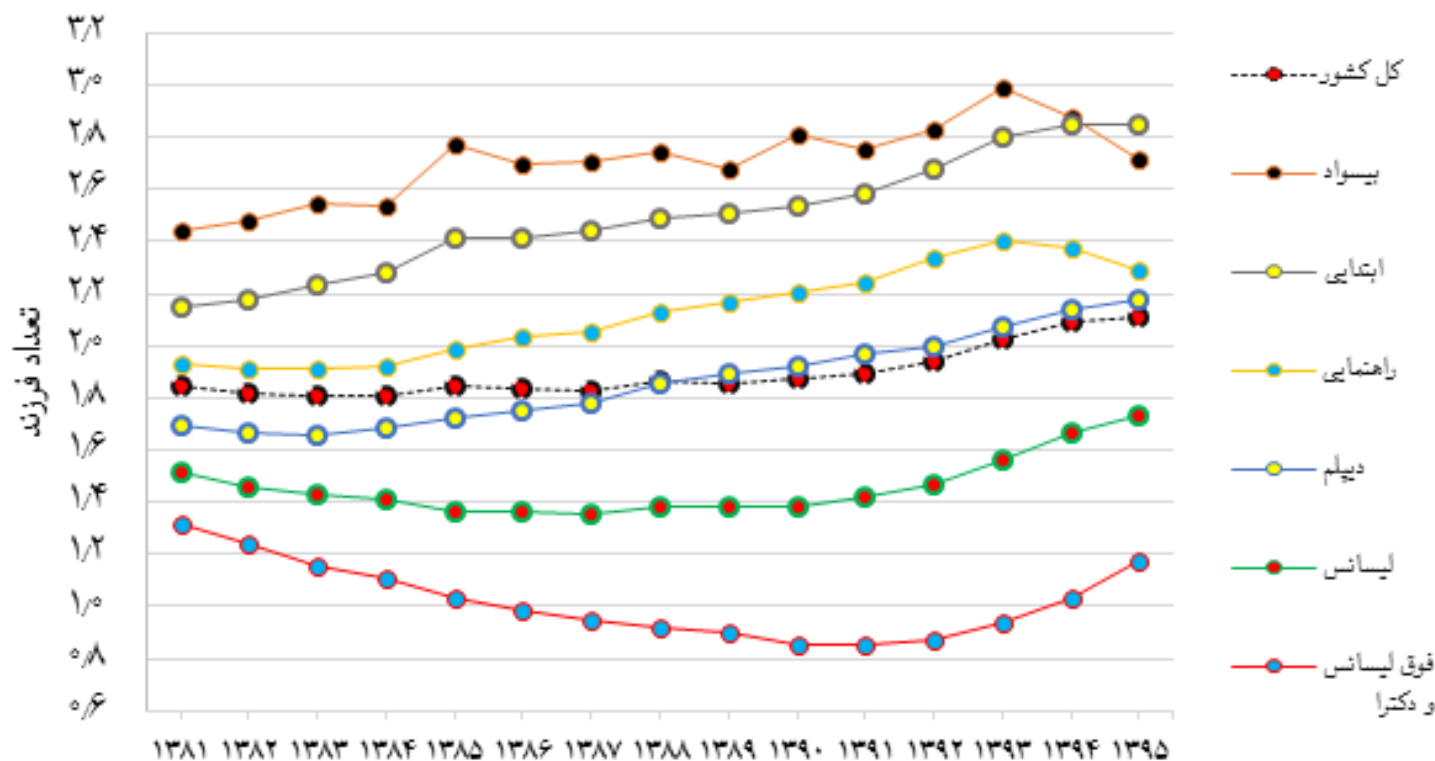
هر چه ثروتمند تر ... زاد و ولد کمتر!

TFR vs. Female Education in Selected Countries, 2010



هر چه باسواد تر ... زاد و ولد کمتر!

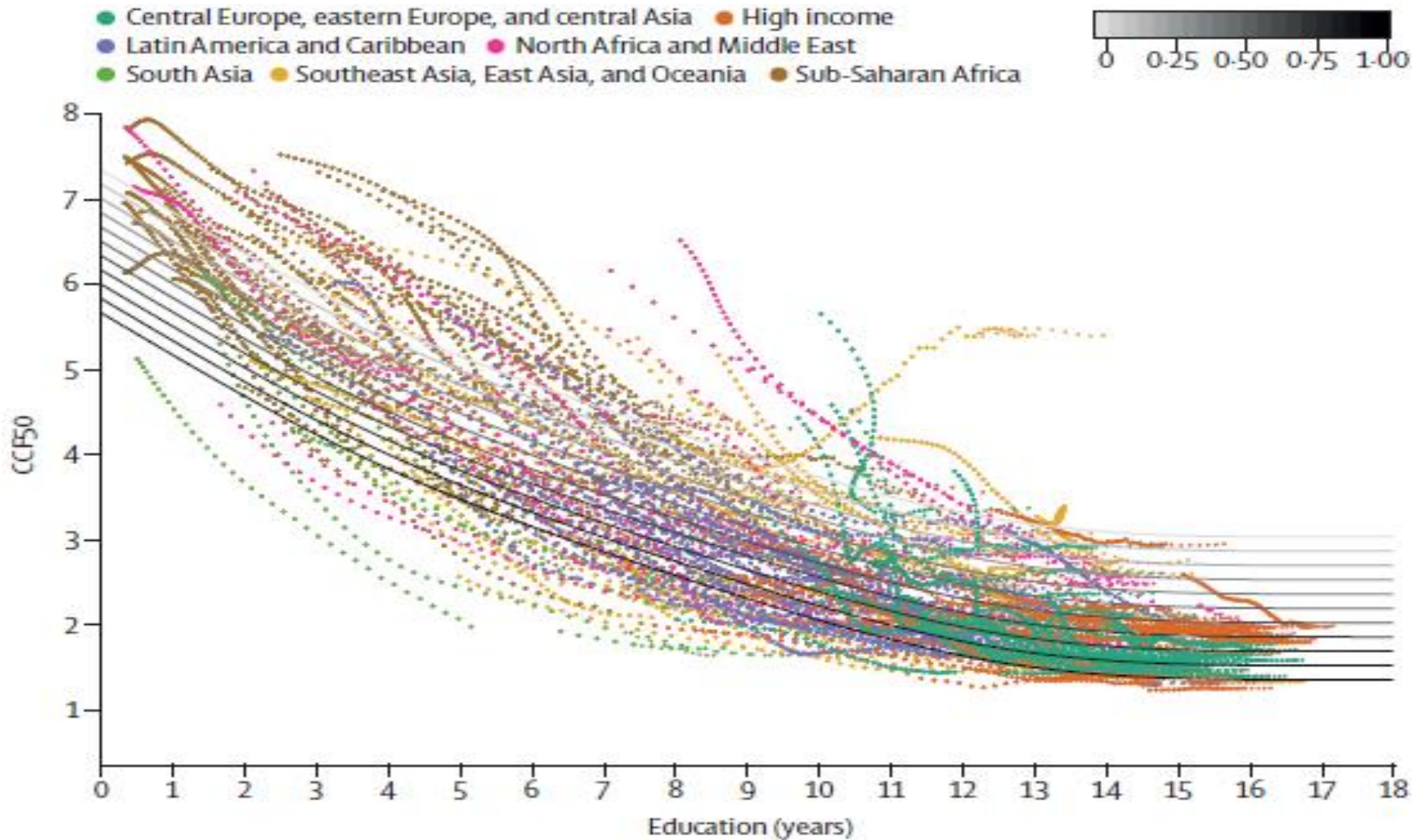
میزان باروری بر حسب سطح تحصیلات در کشور بر اساس نتایج سرشماری ۱۳۹۵



هر چه باسواد تر ... زاد و ولد کمتر!

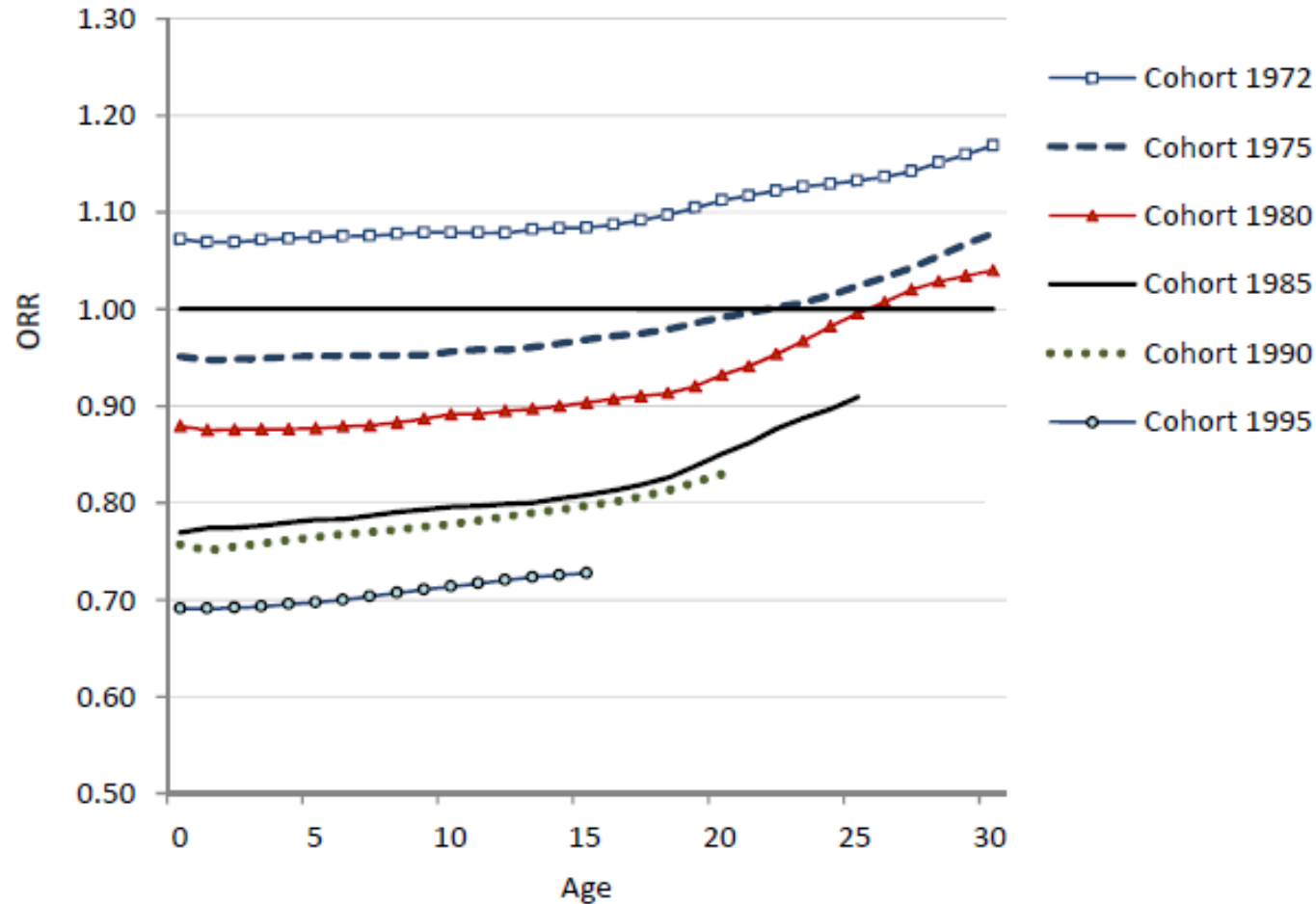
Fertility By Age 50 Y vs. Education

Across Levels of Contraceptive Met Need



هر چه باسواد تر ... استفاده از روشهای پیشگیری بیشتر ... زاد و ولد کمتر!

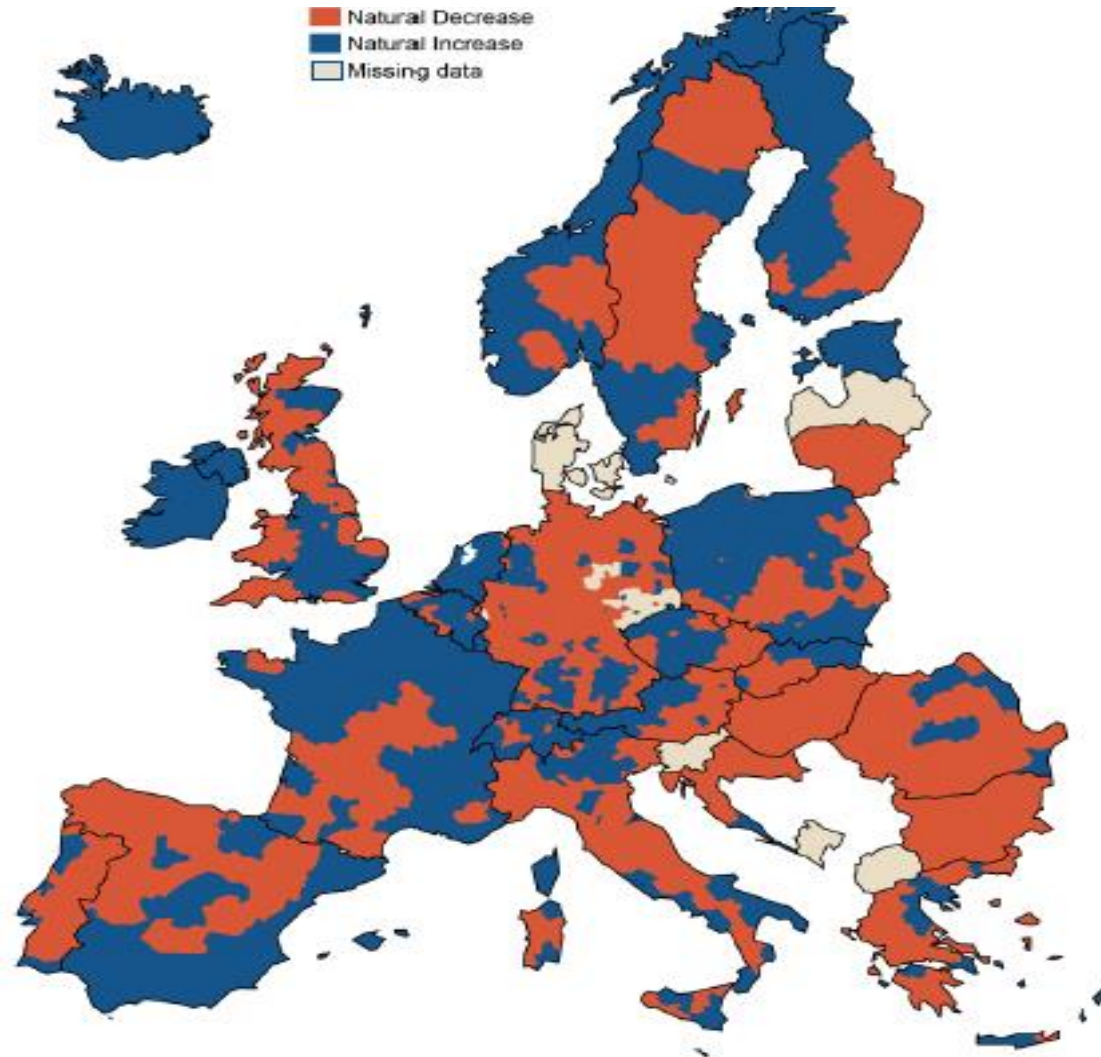
Overall Replacement Ratio by Age for EU Selected Cohorts 1972-1995



هر چه نسل جدید تر ... زاد و ولد کمتر!

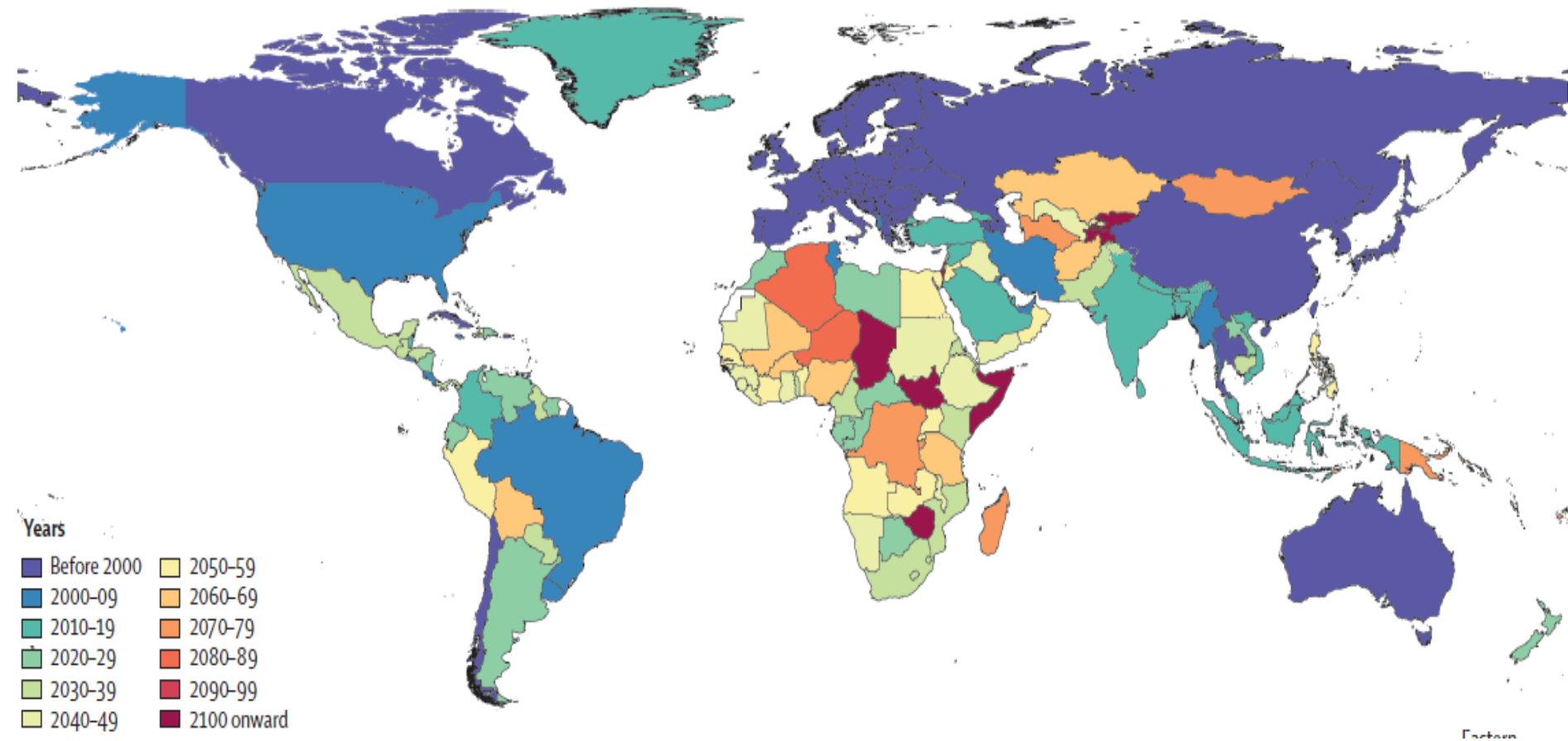
Note: The 15 countries are Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxemburg, The Netherlands, Portugal, Spain, Sweden and The United Kingdom.

More People Are Dying Than Being Born in Broad Areas of Europe!



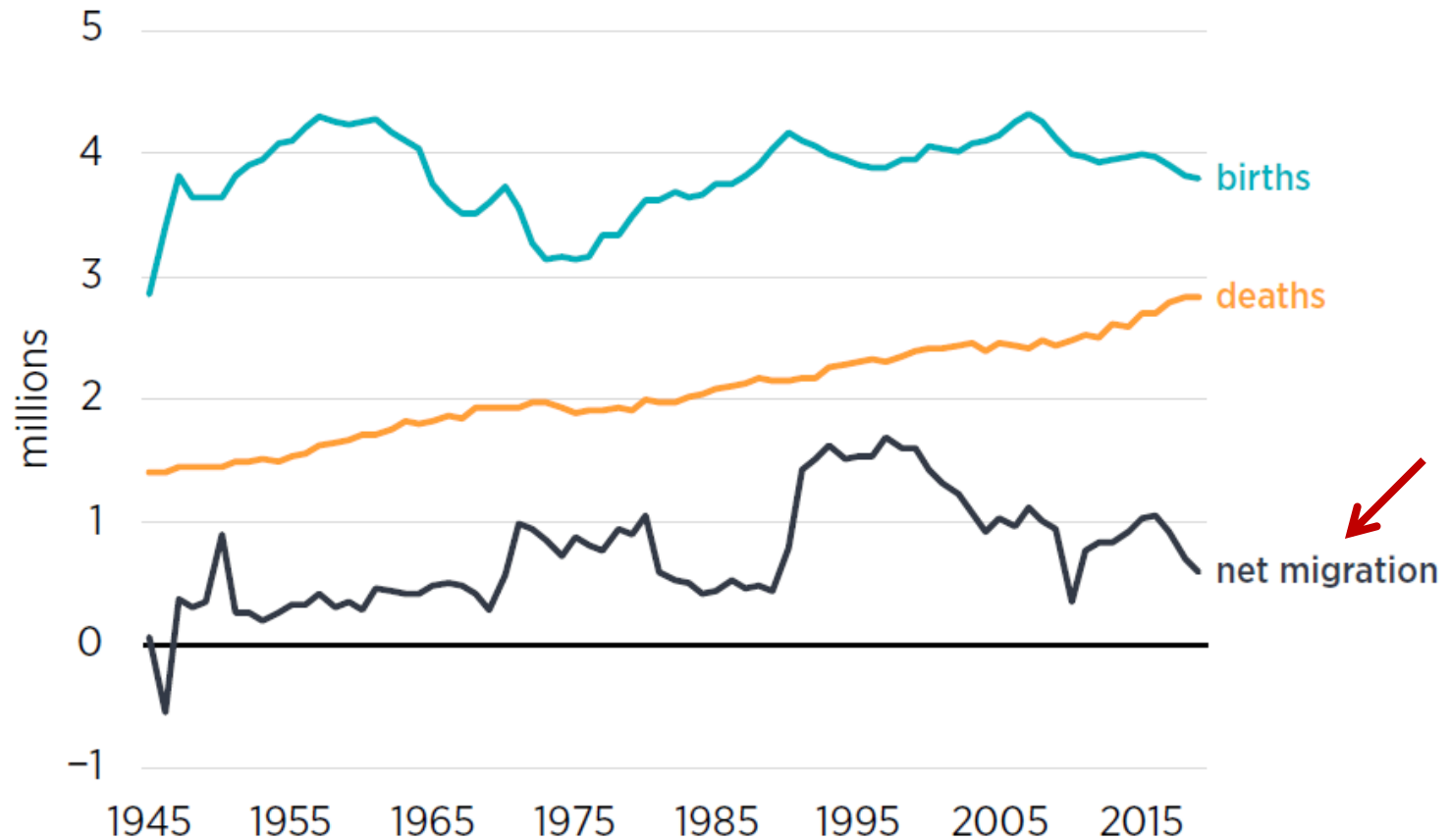
زاد و ولد کمتر ... مرگ و میر بیشتر!

The Year That The Net Reproduction Rate Falls Below The Replacement Level



زاد و ولد کمتر ... مرگ و میر بیشتر!

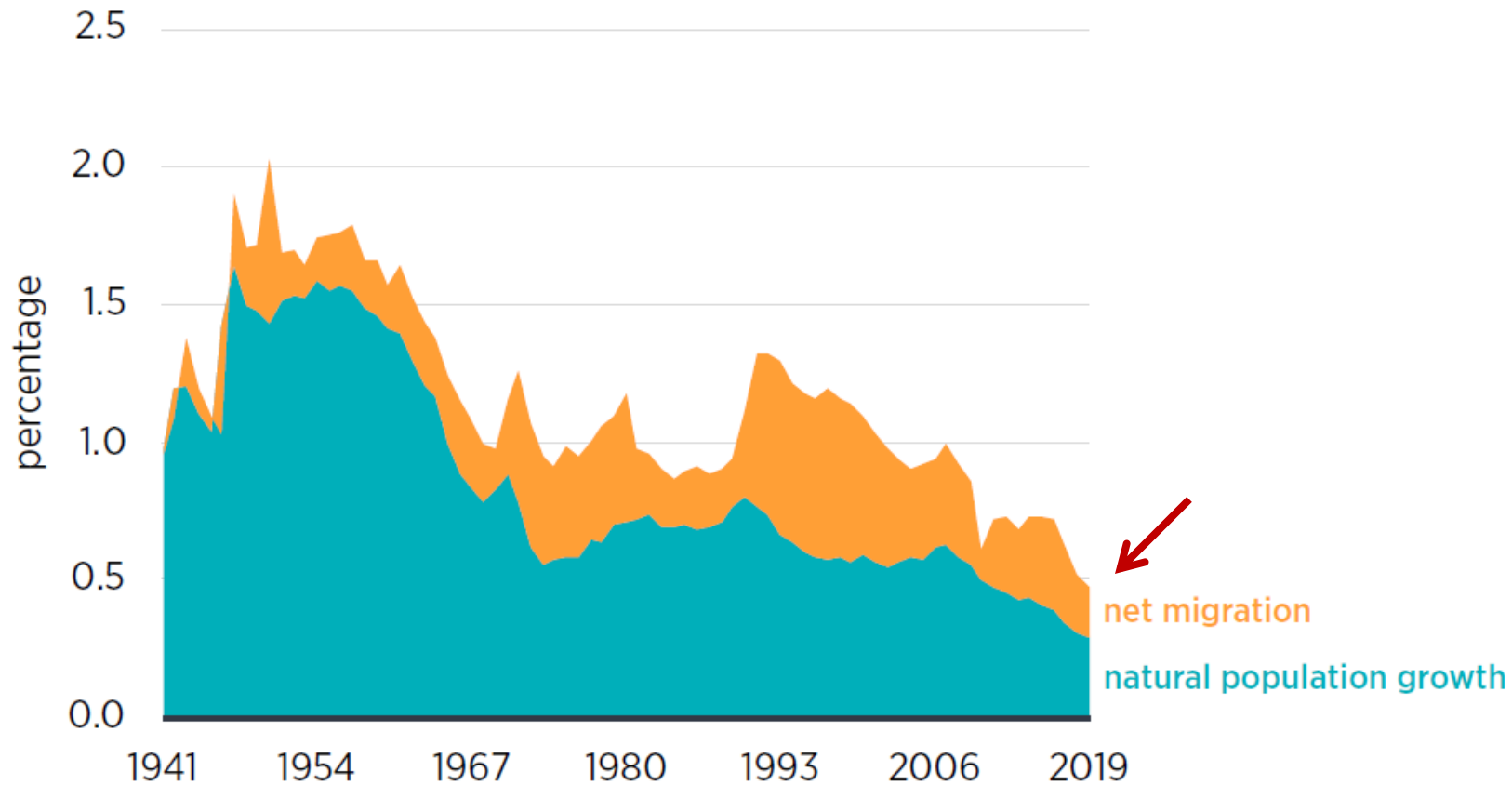
US Births, Deaths and Net Migration



Source: Census Bureau, "National Intercensal Tables: 1900-1990," last updated November 30, 2016, <https://www.census.gov/data/tables/time>

زاد و ولد کمتر ... مهاجرپذیری بیشتر؟

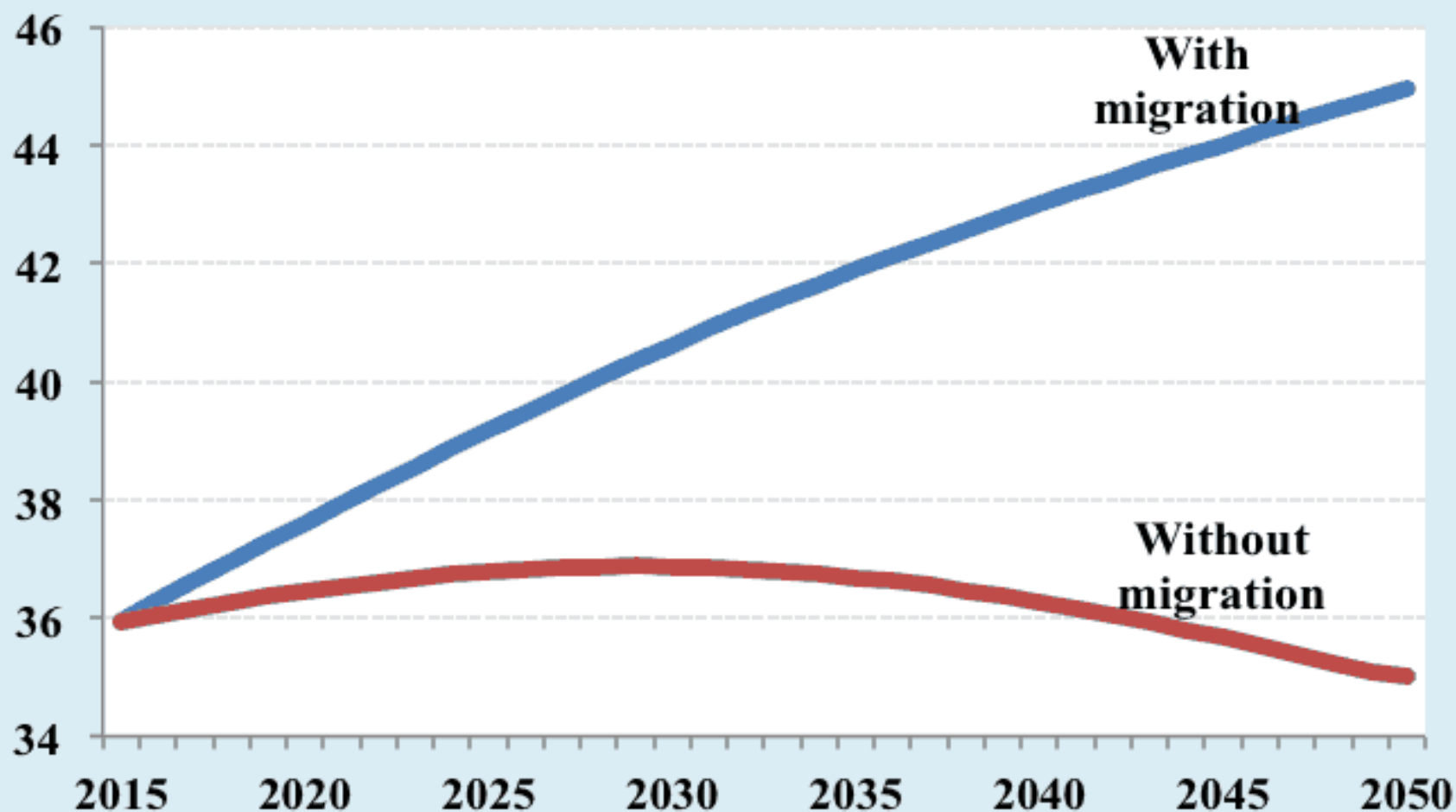
Components of US Population Growth



Source: Census Bureau, "National Intercensal Tables: 1900-1990"; Census Bureau, "National Intercensal Datasets: 1990-2000"; Census Bureau, "National Intercensal Tables: 2000-2010"; Census Bureau, "National Population Totals and Components of Change: 2010-2019."

زاد و ولد کمتر ... مهاجرپذیری بیشتر؟

Figure 3. Population Projections for Canada With and Without Migration: 2015-2050
(millions)



زاد و ولد کمتر ... مهاجرپذیری بیشتر؟

Some People Dislike Pregnancy and Young Children!



عدم تمایل به فرزند آوری!!!

Childlessness at age 30

COHORT FERTILITY OF WOMEN AGE 30

There is an increasing trend in women delaying their childbearing to older ages. We can see this by looking at how many women are childless on their 30th birthday.

FIRST GENERATION

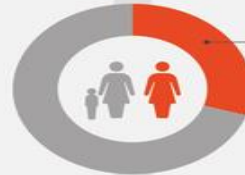
WOMEN BORN IN 1927



28%
CHILDLESS
BY THEIR 30TH
BIRTHDAY

SECOND GENERATION

WOMEN BORN IN 1955



30%
CHILDLESS
BY THEIR 30TH
BIRTHDAY

THIRD GENERATION

WOMEN BORN IN 1982



45%
CHILDLESS
BY THEIR 30TH
BIRTHDAY

WHY THE DELAY?



HIGHER EDUCATION

Increasing participation
in higher education



HOUSING LADDER

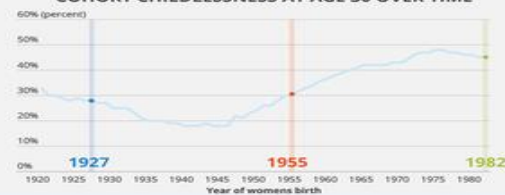
Getting on the housing ladder



FINANCIAL STABILITY

Ensuring financial stability
before starting a family

COHORT CHILDLESSNESS AT AGE 30 OVER TIME



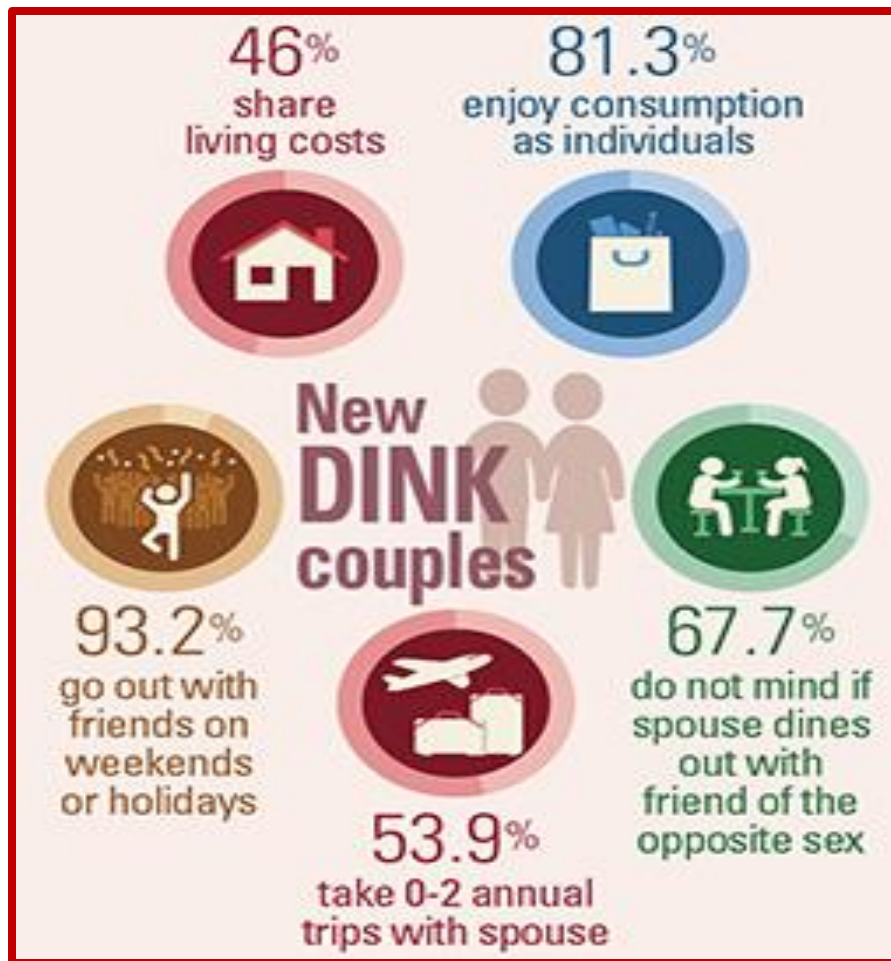
هر چه نسل جدید تر ... عدم تمایل به فرزندآوری بیشتر!

LIVING THE DINK LIFE

(Dual Income, No Kids)

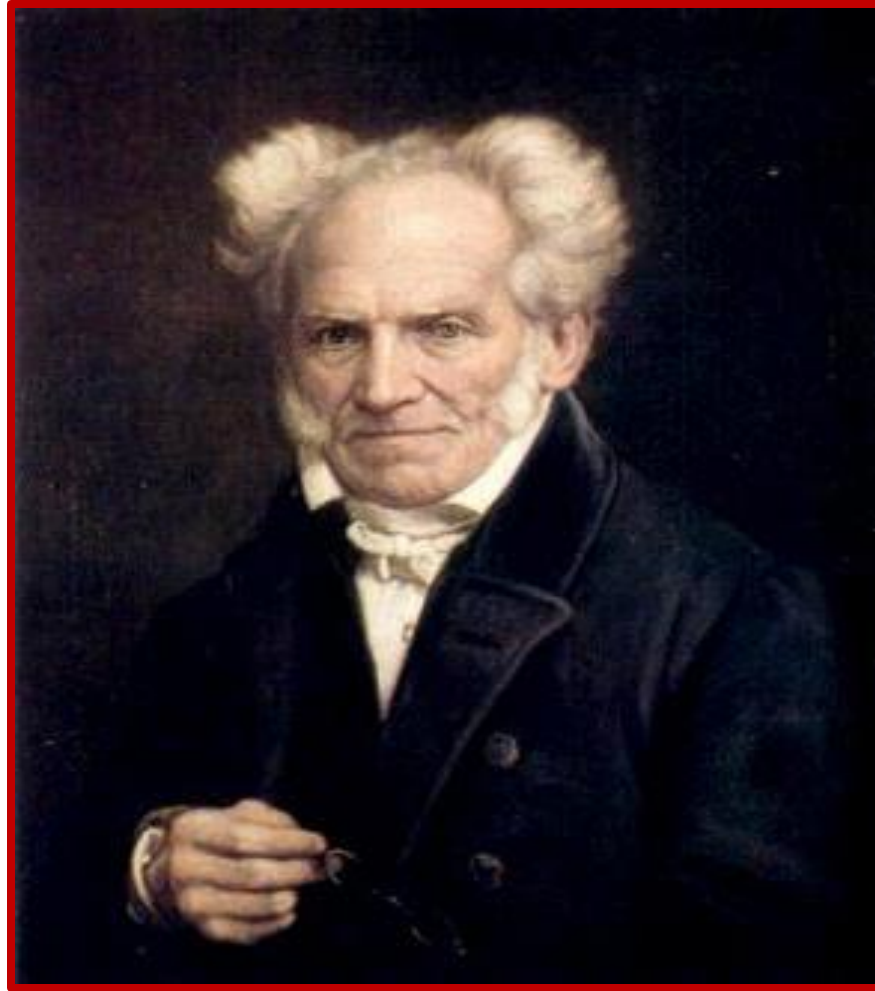


W. A. MOON



سبک زندگی بی فرزندی ... عدم زاد و ولد ... رفاه فردی بیشتر!

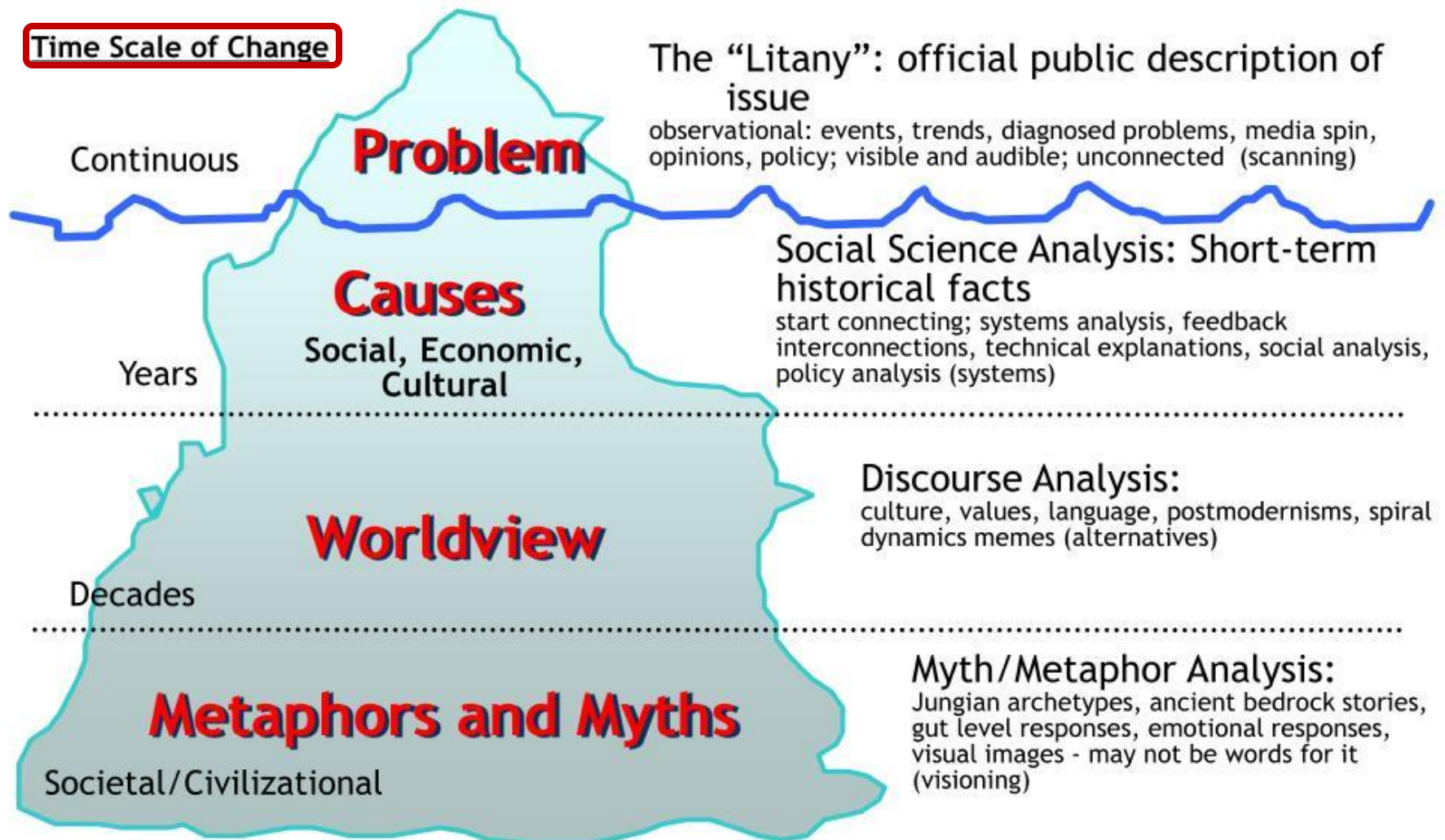
**“Arthur Schopenhauer” An Antinatalist Philosopher
Argued That Having Children Is Inherently Wrong!
Because Life Is Full of Suffering!**



تولد ستیزی فلسفی؟؟؟!!!



Causal Layered Analysis Explained



Sources: R. Slaughter, “Integral Operating System” World Future Society, July 2003, drawing on Sohail Inayatullah; Dennis List, “3 Maps of the Future,” July 18, 2003; Andy Hines, UH-Clear Lake, 2006.





Original Article

<http://mjiri.iums.ac.ir>

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Med J Islam Repub Iran. 2019(4 Sep);33.92. <https://doi.org/10.47176/mjiri.33.92>



Finding the reasons of decrease in the rate of population growth in Iran using causal layered analysis (CLA) method

Mohammad Hossein Mehrolhassani¹, Saeid Mirzaei², Samira Sadat Poorhoseini³, Nadia Oroomiei^{*3}

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- ... causes of decreasing the Iranian population growth rate
- ... a secondary study conducted by reviewing the scientific texts, papers, and upstream documents
- ... Causal Layered Analysis (CLA) was used for data analysis

Litany

Marriage Age

Marriage Squeeze

Fertility Rate

Abortion

Child Mortality

Maternal Mortality

High-Risk Behaviors

Diseases Burden

Structural Layer

Urbanization

Education Rate

New Structures;

Change in Family Structure

Economic Participation Rate;

Unemployment Rate

Intergenerational Gap

Discourse Layer

Welfare

Materialism

Individualism

Metaphor Layer

**Changing the Perception of Life,
and Family Formation**

Women Workforce

Conclusion

**Decrease in population growth
in Iranian society:**

**... Less the result of
the social planning and population control**

**... More the result of
the value and structural changes**

... Due to modernization in the society

Conclusion

Recommended that:

**policymakers primarily address
the discourse and metaphor layers
to solve the problems!**