

# Analysis of IR

PS 1599 | Introduction

Michaël Aklin

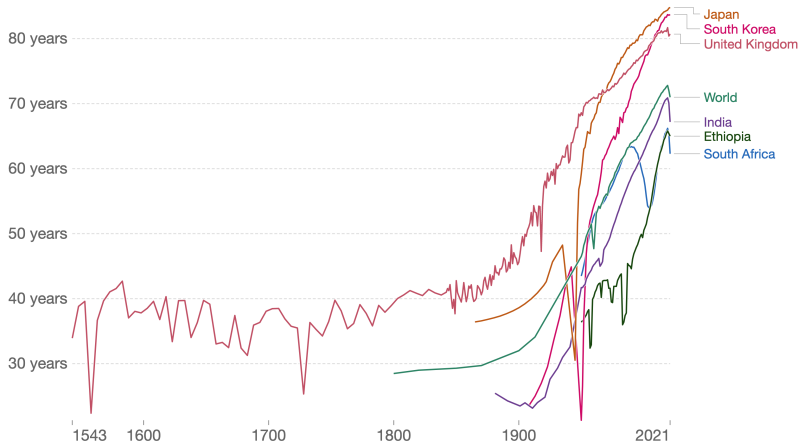
University of Pittsburgh

If you could pick any year to live in...  
which one would it be?

# We never had it better...

## Life expectancy, 1543 to 2021

Our World  
in Data



Source: UN WPP (2022); Zijlman et al. (2015); Riley (2005)

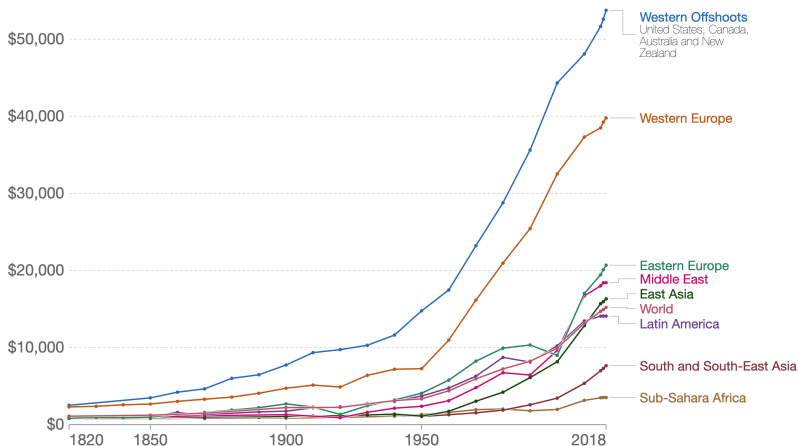
OurWorldInData.org/life-expectancy • CC BY

Note: Shown is the 'period life expectancy'. This is the average number of years a newborn would live if age-specific mortality rates in the current year were to stay the same throughout its life.

Figure 1: Life expectancy

## GDP per capita, 1820 to 2018

This data is adjusted for differences in the cost of living between countries, and for inflation. It is measured in constant 2011 international- $\text{\$}$ .



Source: Maddison Project Database 2020 (Bolt and van Zanden, 2020)

OurWorldInData.org/economic-growth • CC BY

Figure 2: Income

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- ▶ More energy devote to more goods and services than ever
- ▶ And yet...



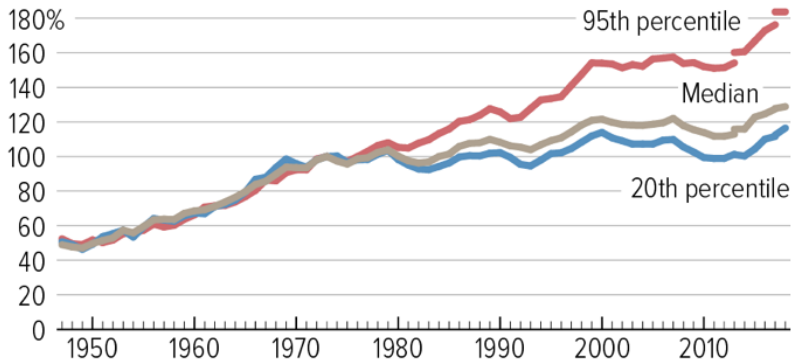
## A time of “polycrises”

- ▶ Economy
- ▶ Health
- ▶ Environment
- ▶ Society and politics

→ time of global crises of all sorts

## Income Gains Widely Shared in Early Postwar Decades — But Not Since Then

Real family income between 1947 and 2018, as a percentage of 1973 level



Note: Breaks indicate implementation of a redesigned questionnaire (2013) and an updated data processing system (2017).

Source: CBPP calculations based on U.S. Census Bureau Data

# Health

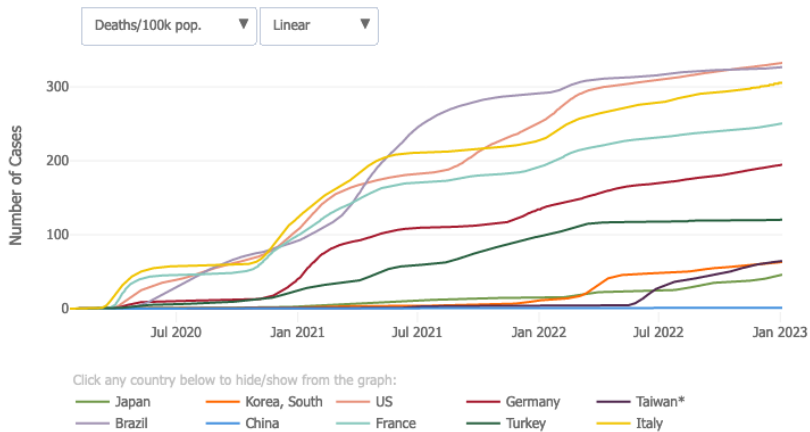
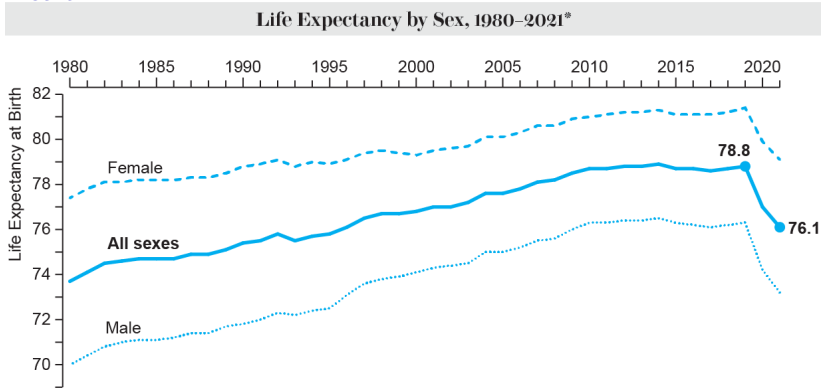


Figure 4: Source: Johns Hopkins University.

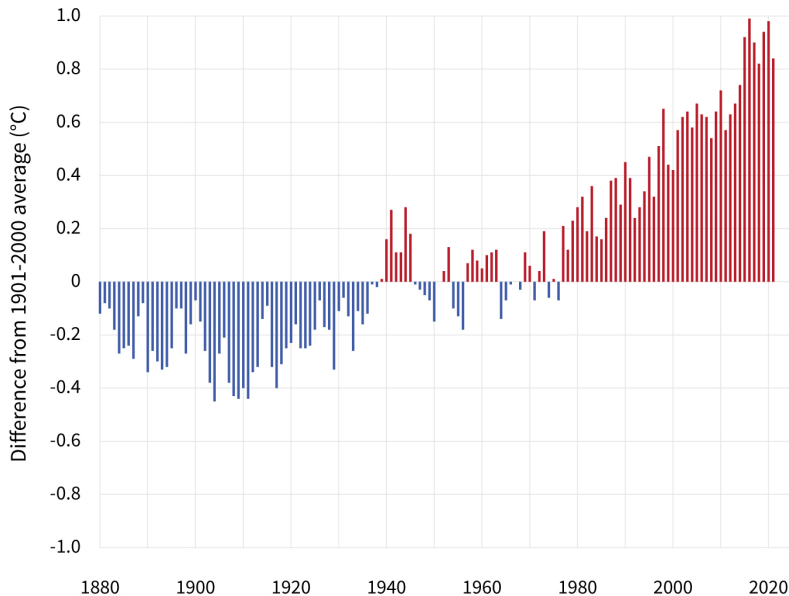
## Health



\*2021 estimates are based on provisional data.

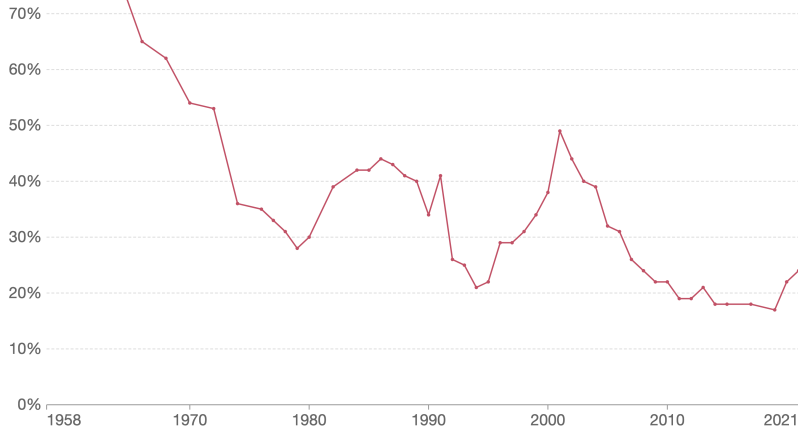
Figure 5: Source: CDC via Scientific American.

## GLOBAL AVERAGE SURFACE TEMPERATURE



## Public trust in government in the United States

Share who trust the United States government always or most of the time.



Source: Pew Research Center (2022)

OurWorldInData.org/trust • CC BY

Figure 7: Plummeting trust

## and politics

Figure 3: Far-right vote shares (local projections): financial crisis recessions

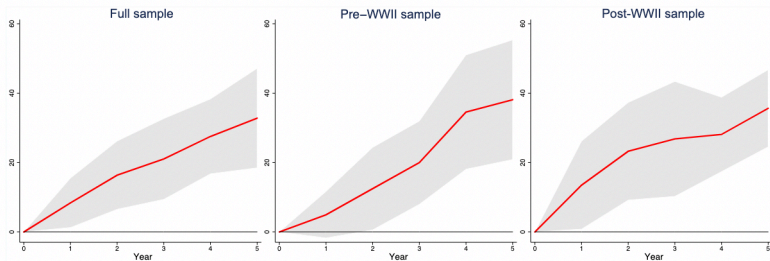


Figure 8: Far-right vote goes up 30% after a financial crisis. Source: Funke et al 2016.

AI



**Rob Morris**

@RobertRMorris

We provided mental health support to about 4,000 people — using GPT-3. Here's what happened 📌

2:50 PM · Jan 6, 2023

Figure 9: Source: [twitter.com](https://twitter.com/RobertRMorris)



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  - ▶ What kind of policies are needed?



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- ▶ Communication is key (grades, etc.)



# Questions?

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Source for title page painting: Raymond Simboli,  
*Allegheny-Ludlum Steel Mill, Pittsburgh*