

# Five Lessons from my Teta.

And five challenges she never could have imagined.

Abdul El-Sayed, MD, DPhil  
[@abdulelsayed](https://twitter.com/abdulelsayed)

# Find the cheapest time to fly to Cairo

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WAYNE

## Former Detroit health director Abdul El-Sayed joins Wayne County



Nus  
Detr

Published 6:05 a.

The screenshot shows a CBS News article interface. At the top, there is a navigation bar with 'CBS NEWS' and a search icon. Below the navigation bar, there are tabs for 'Latest', 'Local News', 'Live', and 'Shows'. The main headline reads 'Wayne County considers plan to erase medical debt for over 300,000 residents'. Below the headline, it says 'By Andres Gutierrez' and 'February 12, 2024 / 6:51 PM EST / CBS Detroit'. There are social media icons for Facebook, X, and YouTube. A 'BRIDGE DETROIT' logo is visible in the bottom left corner of the screenshot.

## Wayne County launches 100 air quality monitors across 43 communities

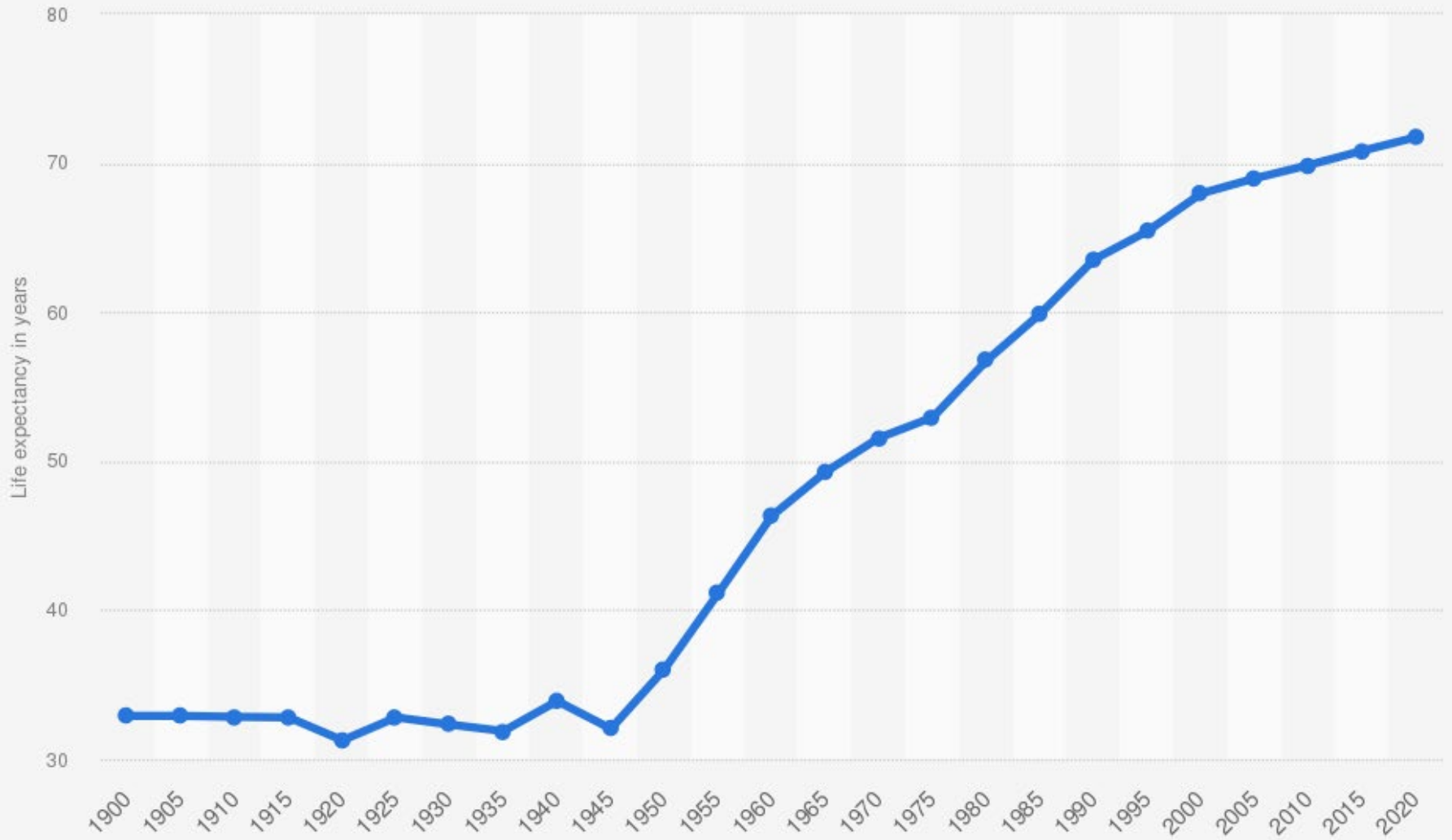
**Five lessons from my Teta.**

# Five lessons.

1. Opportunity matters more than talent.



# Life expectancy (from birth) in Egypt from 1900 to 2020\*



## Sources

UN DESA; Gapminder  
© Statista 2024

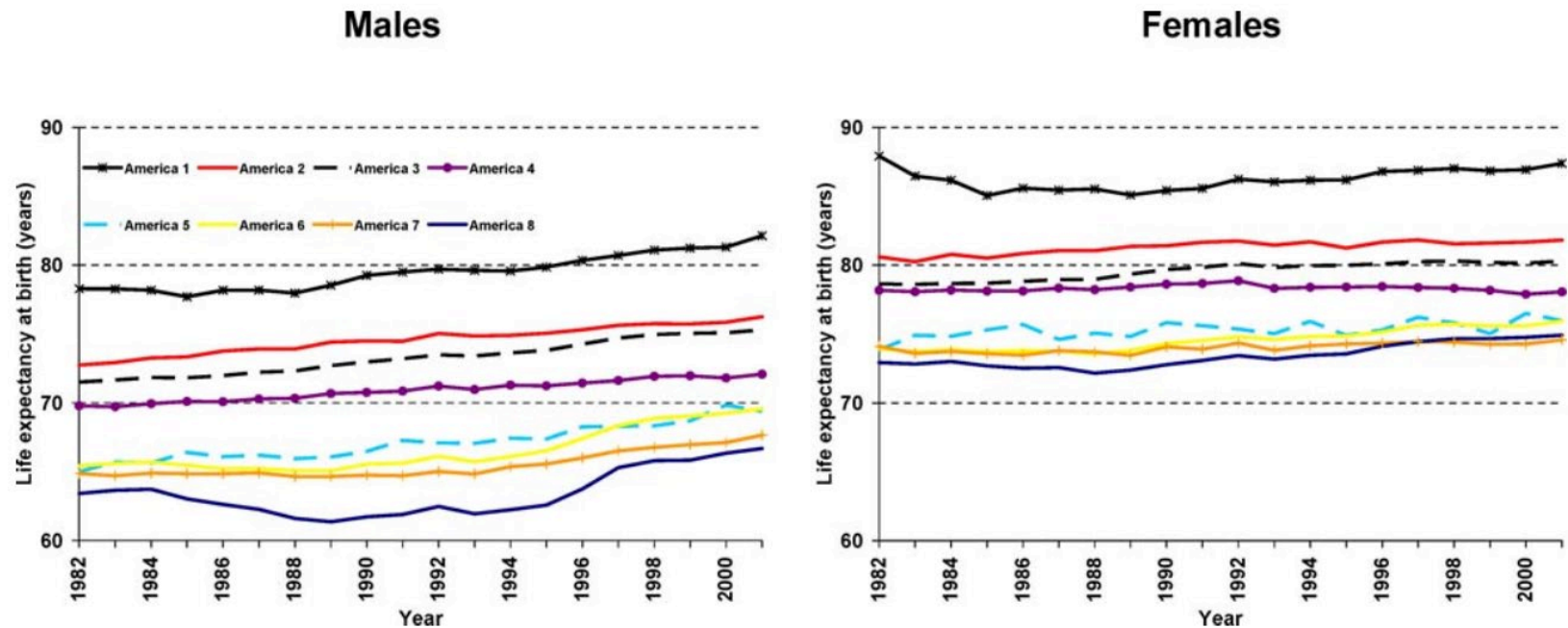
## Additional Information:

Egypt; 1900 to 2020

# Eight Americas: Investigating Mortality Disparities across Races, Counties, and Race-Counties in the United States

Christopher J. L. Murray<sup>1,2,3</sup>, Sandeep C. Kulkarni<sup>2,4</sup>, Catherine Michaud<sup>2,3</sup>, Niels Tomijima<sup>3</sup>, Maria T. Bulzacchelli<sup>3</sup>, Terrell J. Landiorio<sup>3</sup>, Majid Ezzati<sup>1,2\*</sup>

**1** Harvard School of Public Health, Boston, Massachusetts, United States of America, **2** Harvard University Initiative for Global Health, Cambridge, Massachusetts, United States of America, **3** Center for Population and Development Studies, Harvard University, Cambridge, Massachusetts, United States of America, **4** University of California San Francisco, San Francisco, California, United States of America



**Figure 3.** Life Expectancy at Birth in the Eight Americas (1982–2001)

Estimates for Americas 1 and 3 have been adjusted for differential underestimation of population and mortality among Asians (see Methods).

DOI: 10.1371/journal.pmed.0030260.g003

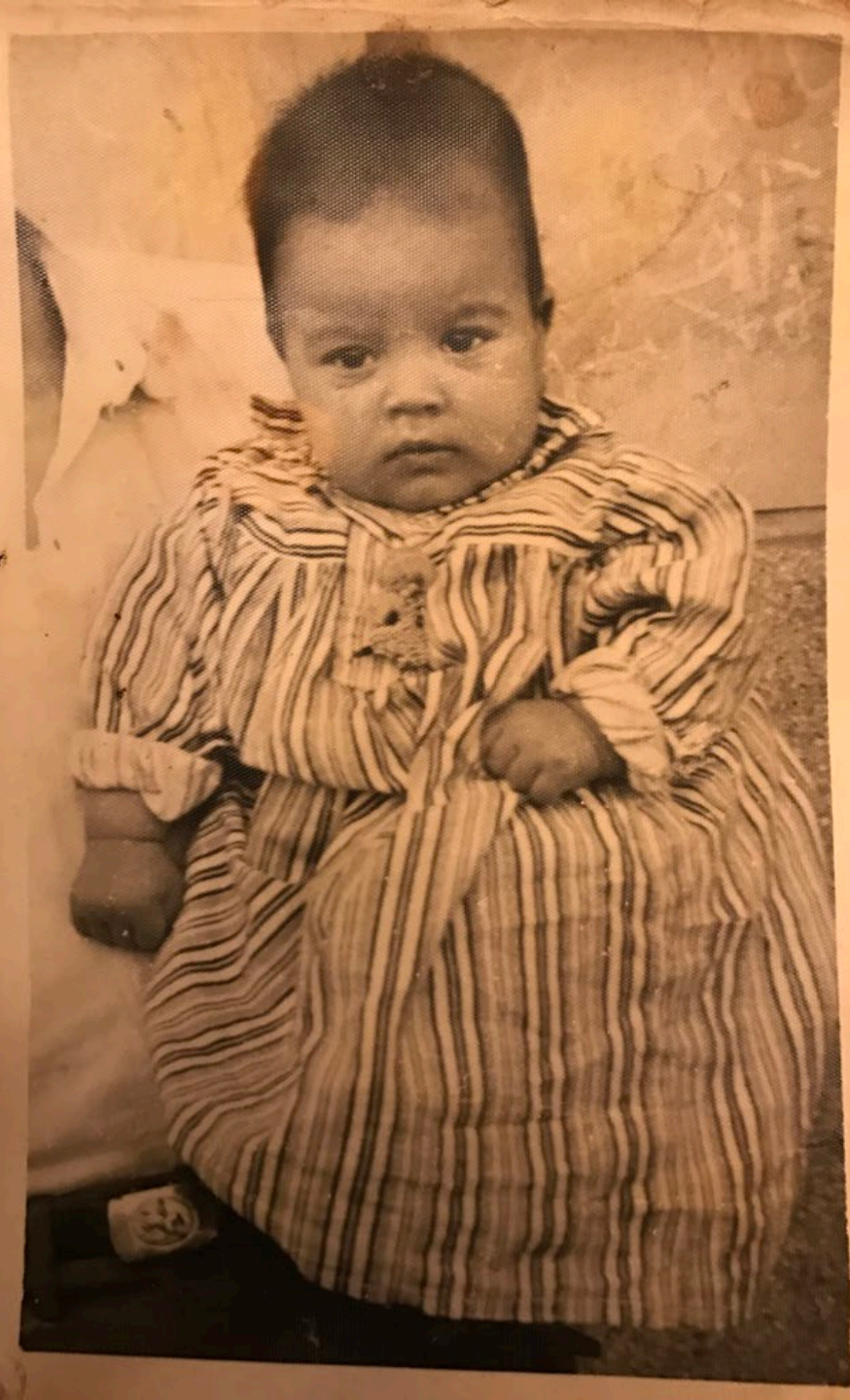
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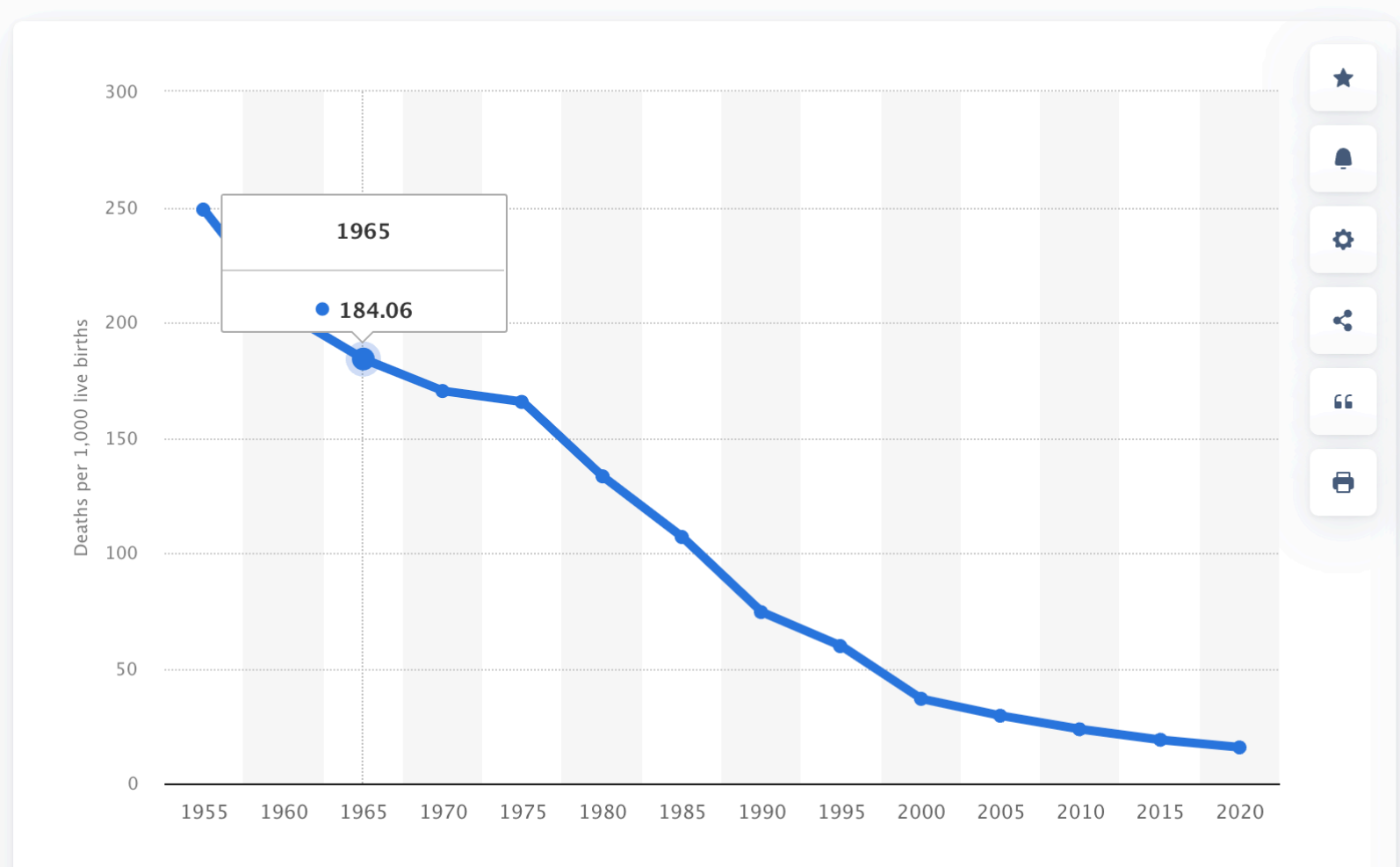
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Fractal – displaying the same never-ending pattern at any scale of analysis.



# Infant mortality rate (under one year old) in Egypt from 1955 to 2020





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3. Institutional trust is hard to gain, easy to lose.







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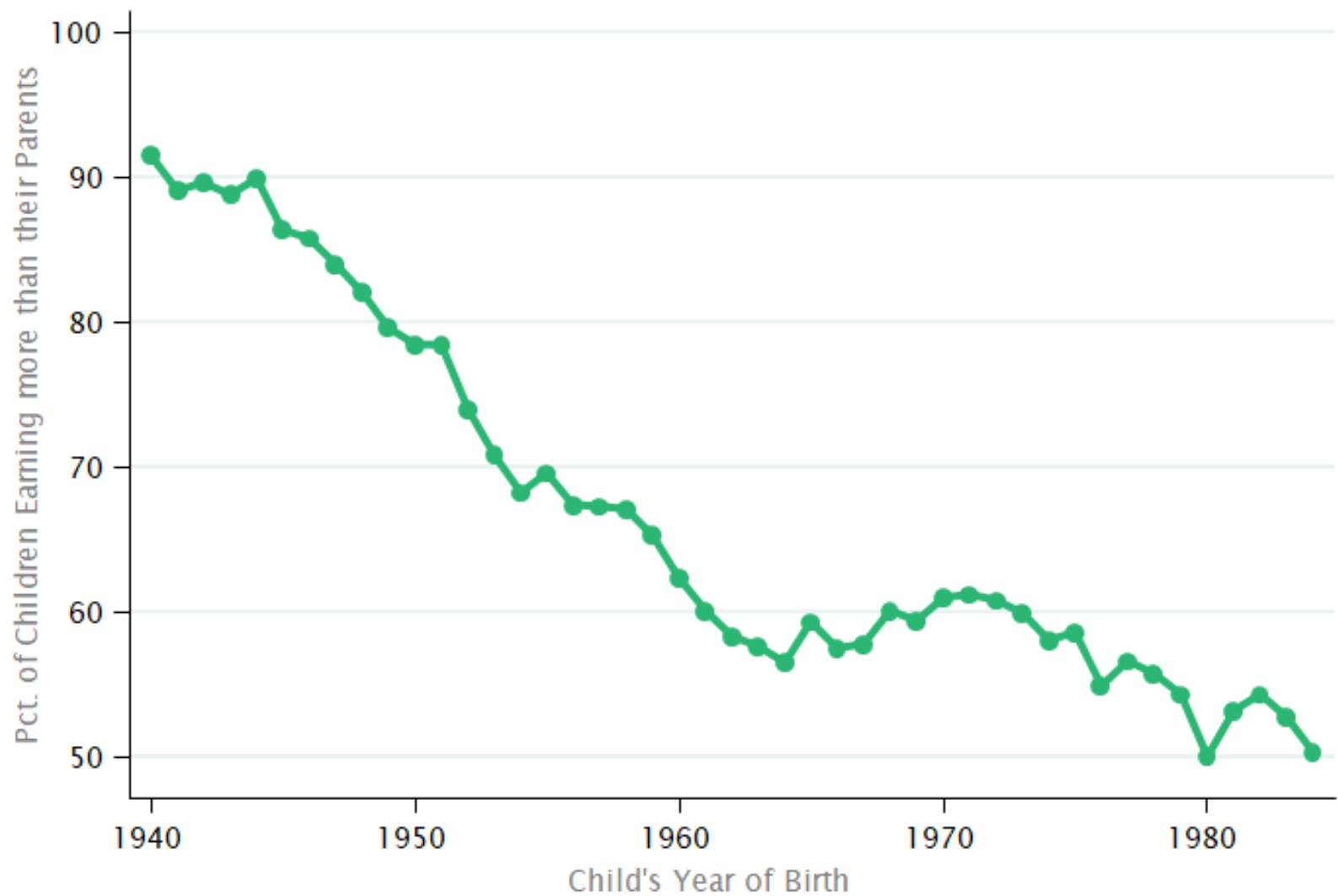


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5. Leaders accelerate. That can mean increasing velocity—or changing direction.

**Five challenges.**

## Percent of Children Earning More than Their Parents, by Year of Birth



**The Opportunity Atlas**

NEIGHBORHOOD MOBILITY OUTCOMES | COUNTY & METRO MOBILITY TRENDS

Bend, Oregon, United States remove city outline

Select a county to see figures

CHILDREN'S OUTCOMES IN ADULTHOOD show more

**CHANGE IN HOUSEHOLD INCOME BETWEEN 1978 AND 1992 COHORTS**

LOWEST | MEDIAN (-3.5%) | HIGHEST

HOUSEHOLD INCOME FOR CHILDREN BORN IN 1978 -

HOUSEHOLD INCOME FOR CHILDREN BORN IN 1992 -

[show more outcomes](#)

NEIGHBORHOOD CHARACTERISTICS what is pp?

CHANGE IN THE FRACTION OF EMPLOYED PARENTS -

FRACTION OF EMPLOYED PARENTS FOR CHILDREN BORN IN 1978 -

FRACTION OF EMPLOYED PARENTS FOR CHILDREN BORN IN 1992 -

CHANGE IN MEDIAN HOUSEHOLD INCOME -

CHANGE IN POVERTY RATE -

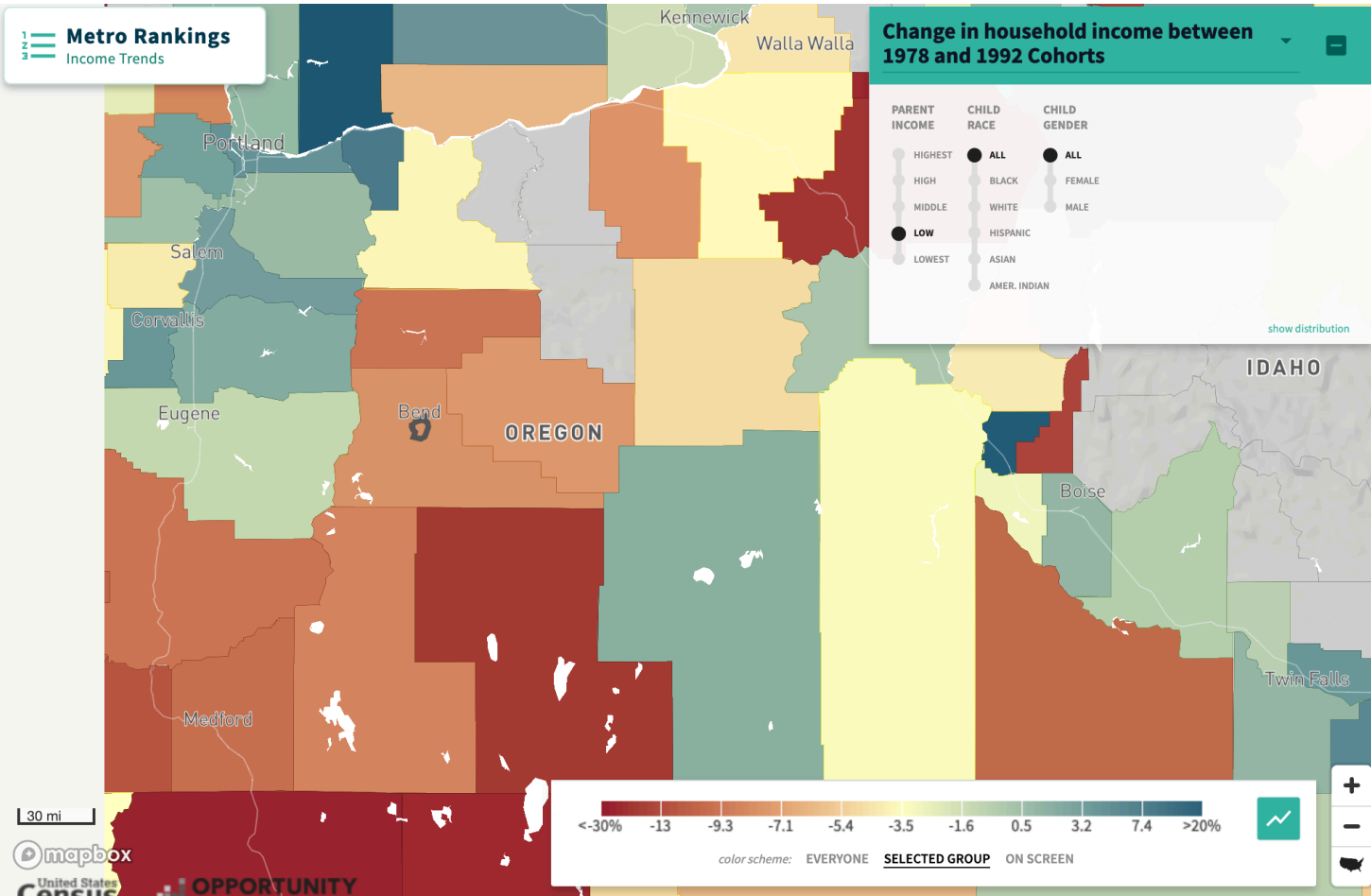
CHANGE IN FRACTION OF COLLEGE GRADUATES -

CHANGE IN FRACTION OF NON-WHITE POPULATION -

SHORT TUTORIAL | DOWNLOAD AS IMAGE | DOWNLOAD THE DATA | OVERLAY YOUR DATA

**Metro Rankings**

Income Trends





## Jobs in U.S. that are likely to have high, medium or low exposure to AI

### High exposure

- Budget analysts
- Data entry keyers
- Tax preparers
- Technical writers
- Web developers



### Medium exposure

- Chief executives
- Veterinarians
- Interior designers
- Fundraisers
- Sales managers



### Low exposure

- Barbers
- Child care workers
- Dishwashers
- Firefighters
- Pipelayers



Note: Occupations are grouped by the relative importance of work activities with low, medium or high exposure to AI.

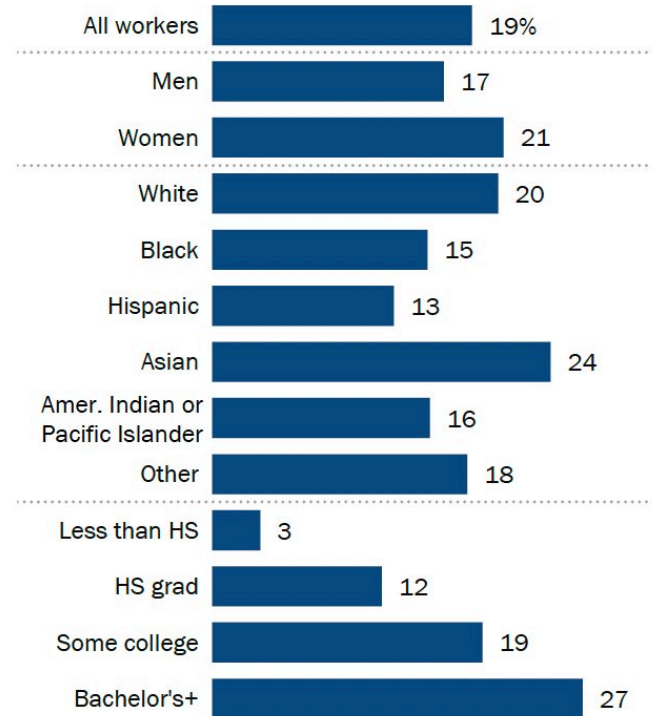
Source: Pew Research Center analysis of O\*NET (Version 27.3).

“Which U.S. Workers Are More Exposed to AI on Their Jobs?”

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## What shares of workers are most exposed to AI in their jobs?

*% of U.S. workers employed in jobs that are the most exposed to AI in 2022*



Note: Occupations are ranked by the relative importance of work activities with high exposure to AI. Those in the top 25% are the “most exposed,” some 122 in number. Estimates by education level are for workers ages 25 and older. White, Black, Asian, and American Indian or Pacific Islander workers include those who report being only one race and are not Hispanic. “Other” includes all other single race groups and people reporting two or more races. Hispanics are of any race.

Source: Pew Research Center analysis of O\*NET (Version 27.3) and 2022 Current Population Survey (IPUMS) annual data. “Which U.S. Workers Are More Exposed to AI on Their Jobs?”

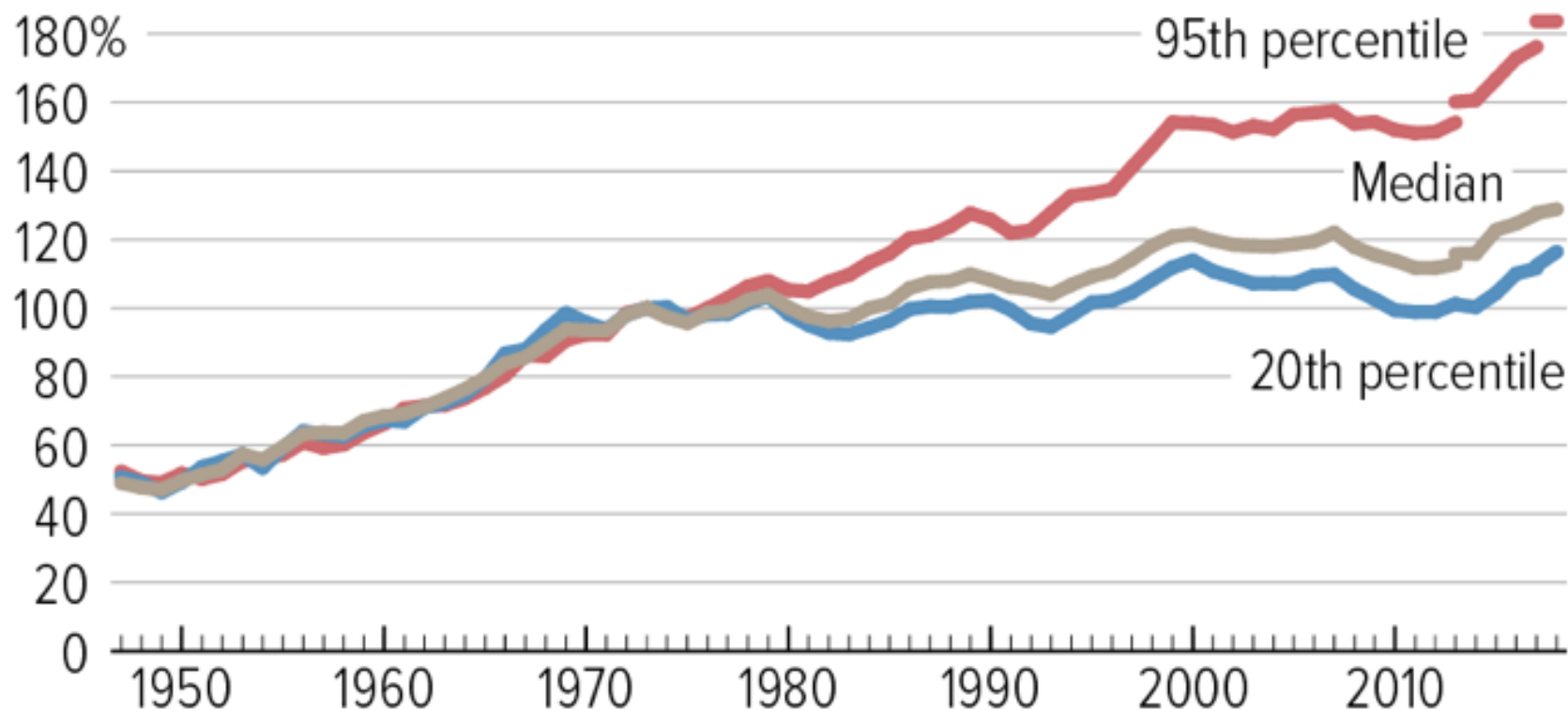
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# Five challenges.

1. Opportunity matters more than talent. But our opportunity environment is failing young people. That's contributing to mistrust, frustration, & disengagement. AI will exacerbate this.

# 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

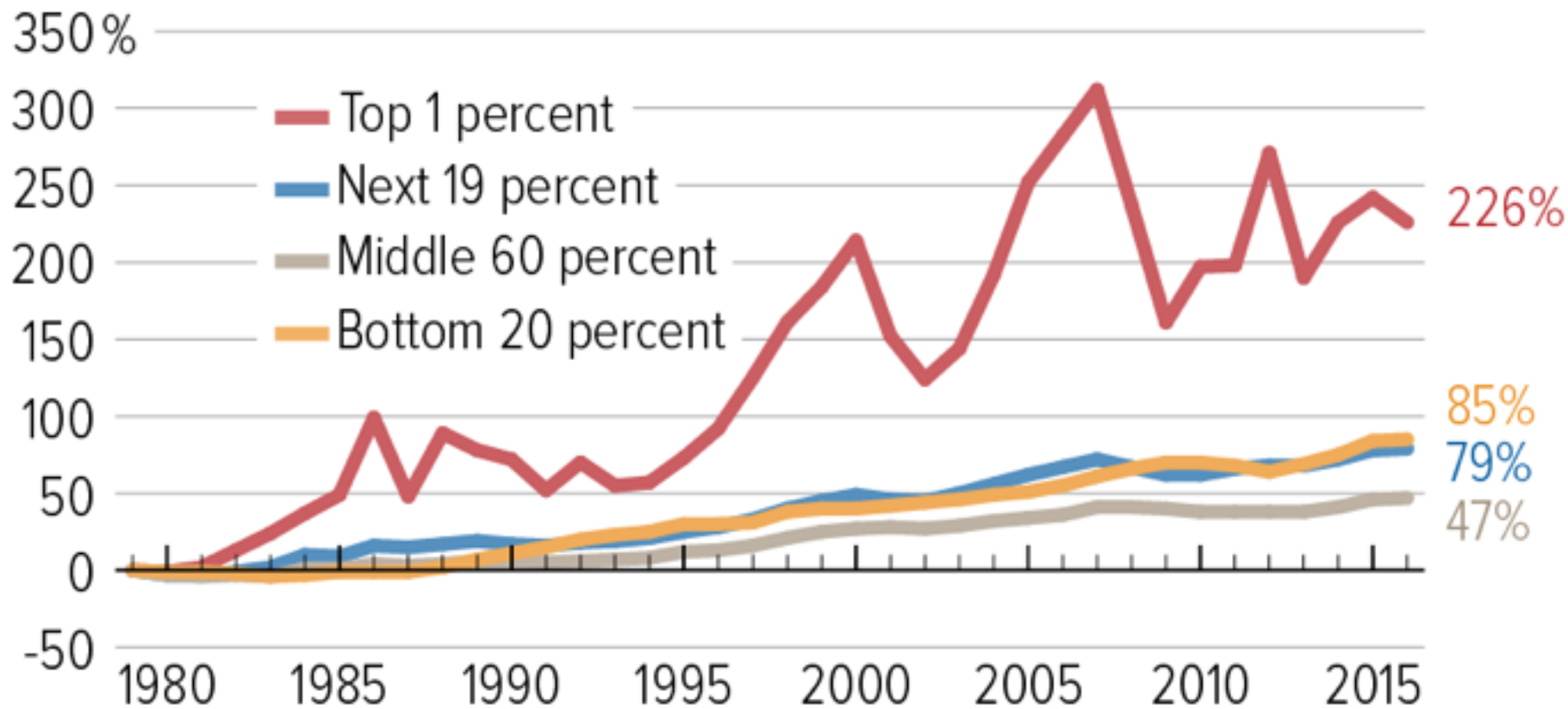


Note: Breaks indicate implementation of a redesigned questionnaire (2013) and an updated data processing system (2017).

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

# Income Gains at the Top Dwarf Those of Low- and Middle-Income Households

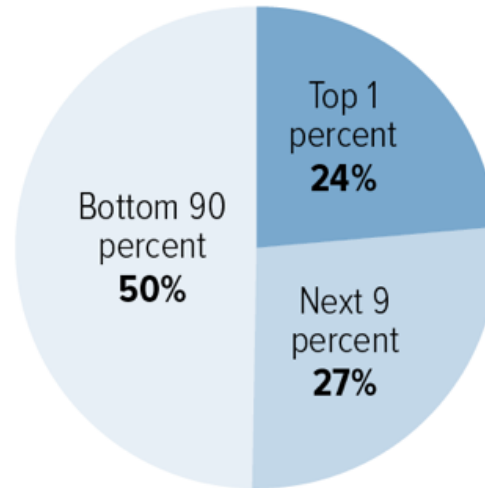
Percent change in income after transfers and taxes since 1979



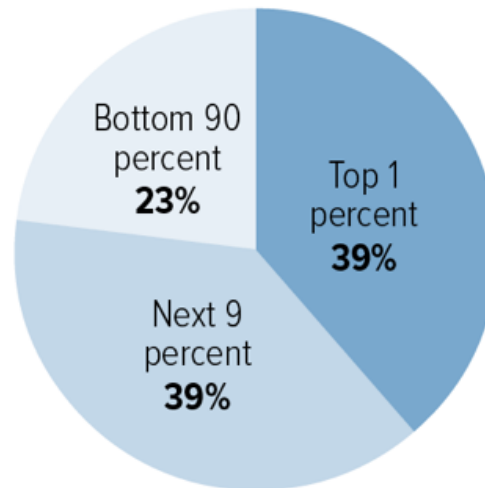
Source: Congressional Budget Office

# Wealth Is Even More Concentrated Than Income

Distribution of before-tax income, 2016



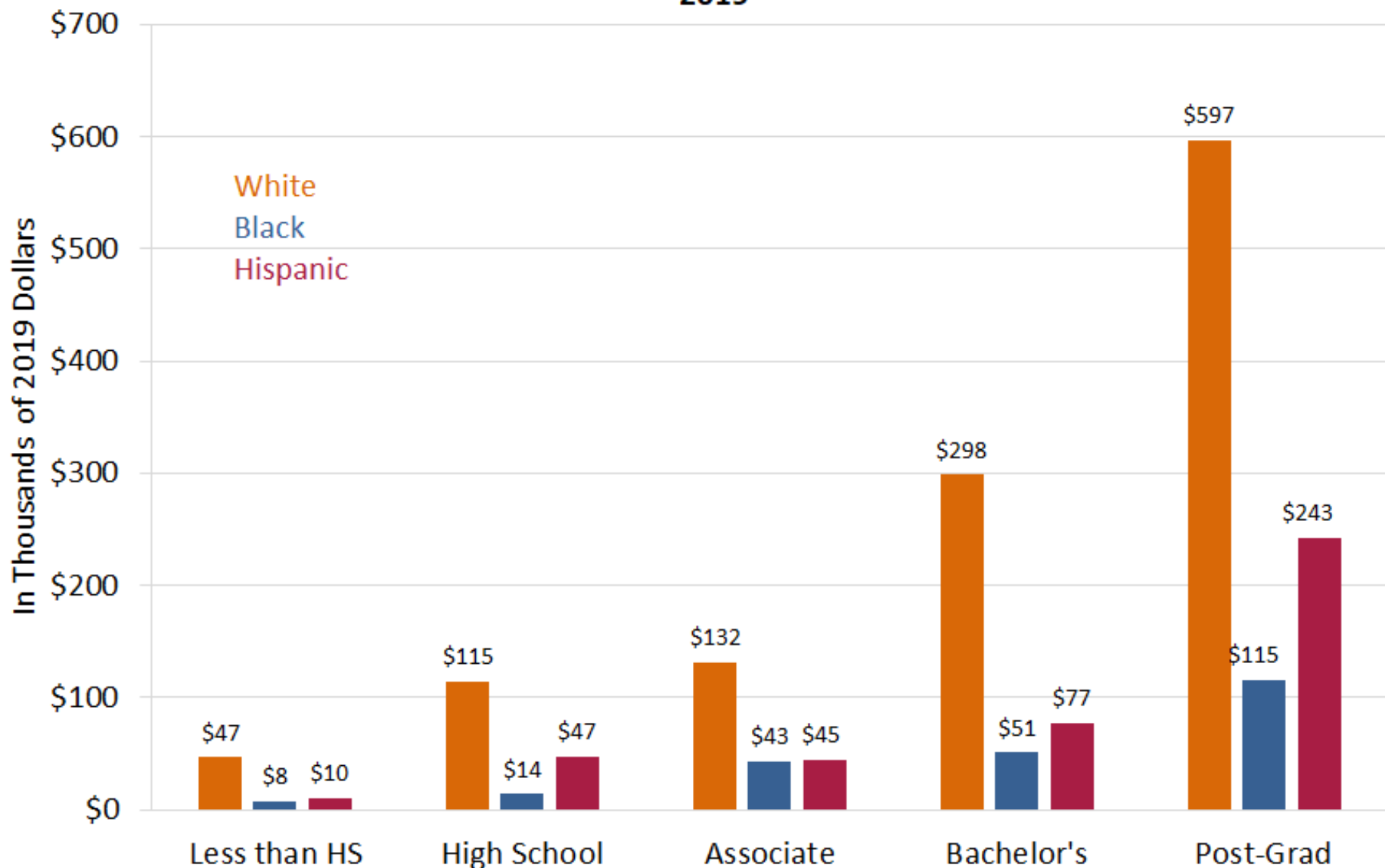
Distribution of wealth, 2016



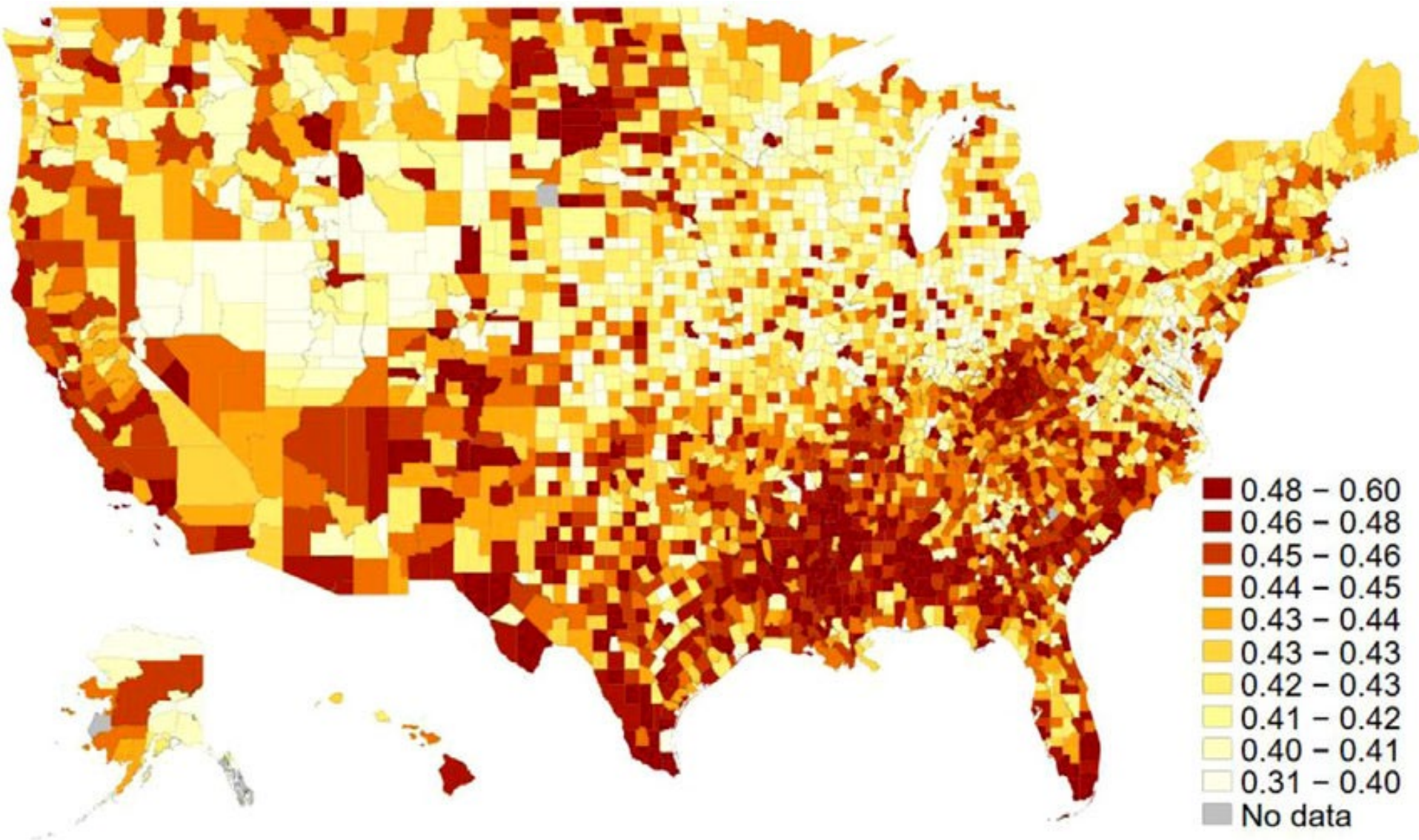
Note: Percentages may not add to 100 percent due to rounding.  
Source: Survey of Consumer Finances 2017

# Median Household Wealth by Race/Ethnicity and Education

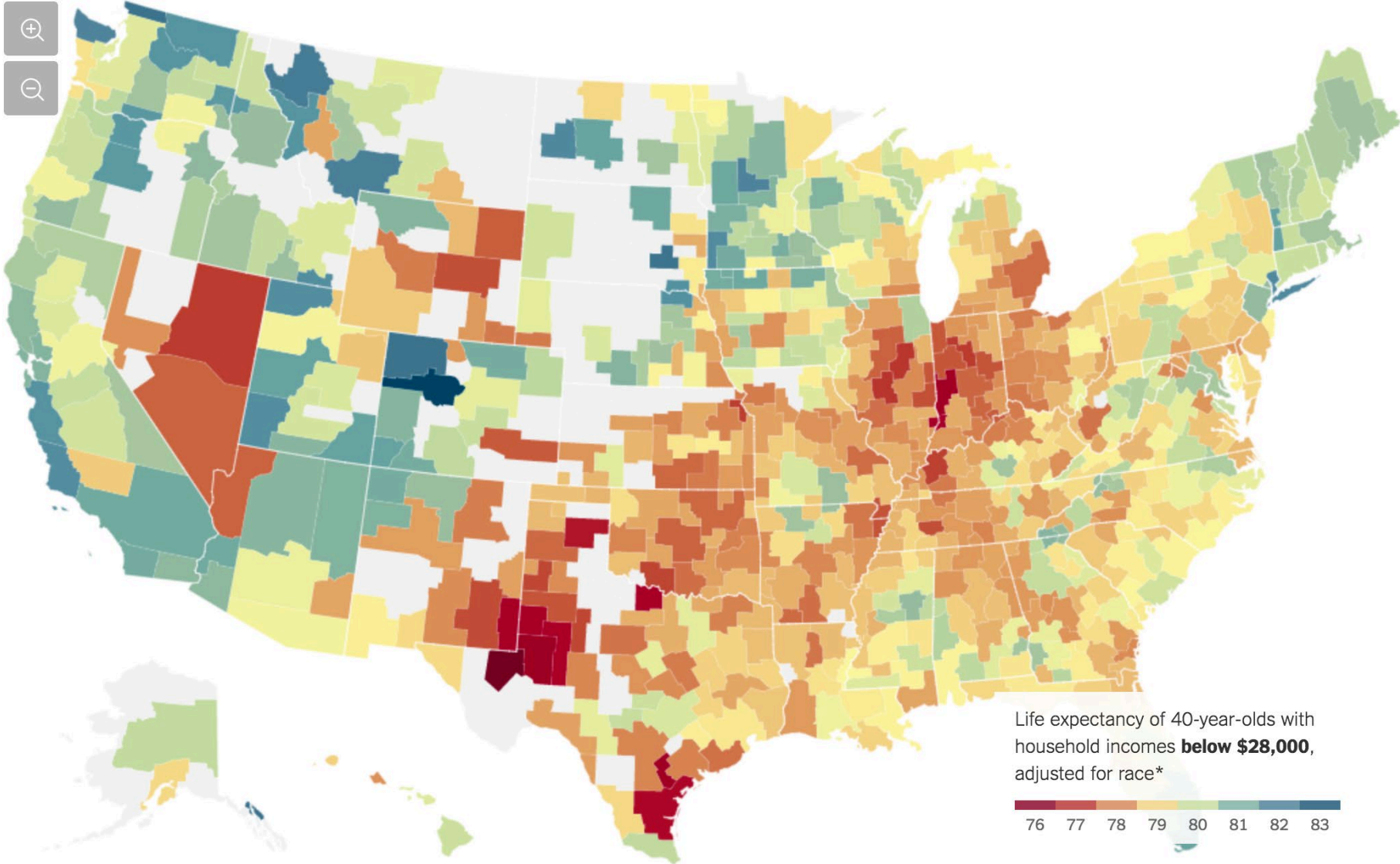
2019



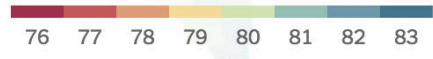
SOURCES: Federal Reserve Board's Survey of Consumer Finances and authors' calculations.



Kim, Dongkyu & Kim, Mi-Son & McNeely, Natasha. (2021). Data on Race, Inequality, and Social Capital in the U.S. Counties. Data in Brief. 34. 106717. 10.1016/j.dib.2021.106717.



Life expectancy of 40-year-olds with household incomes **below \$28,000**, adjusted for race\*



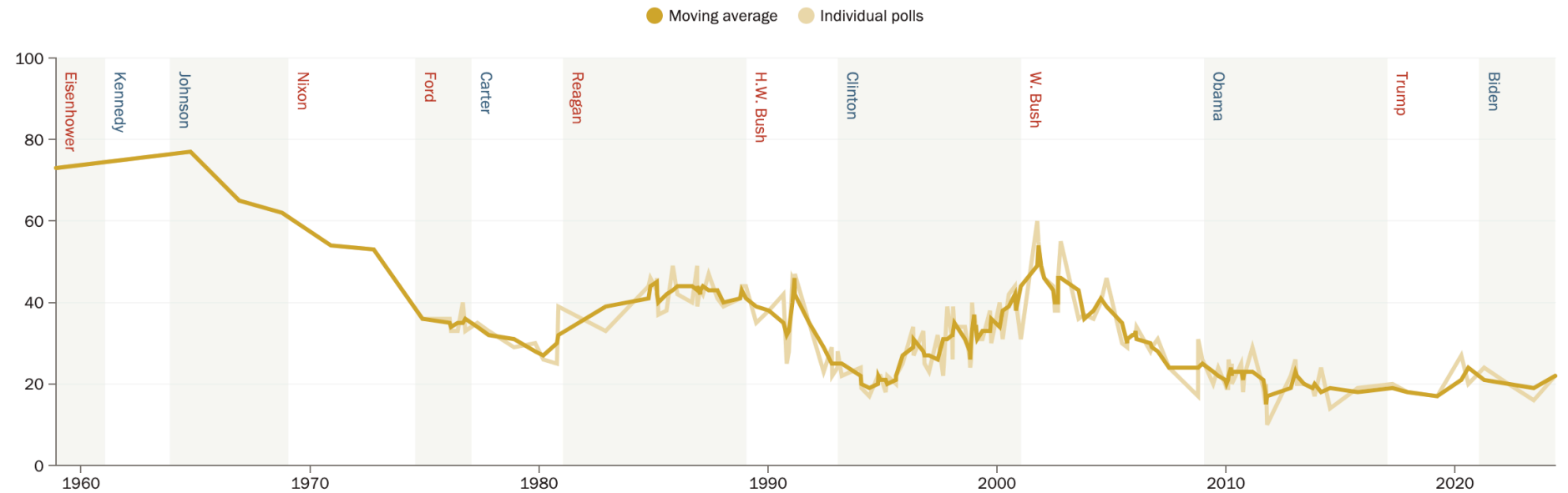


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## Public trust in government near historic lows

*% who say they trust the government to do what is right just about always/most of the time*

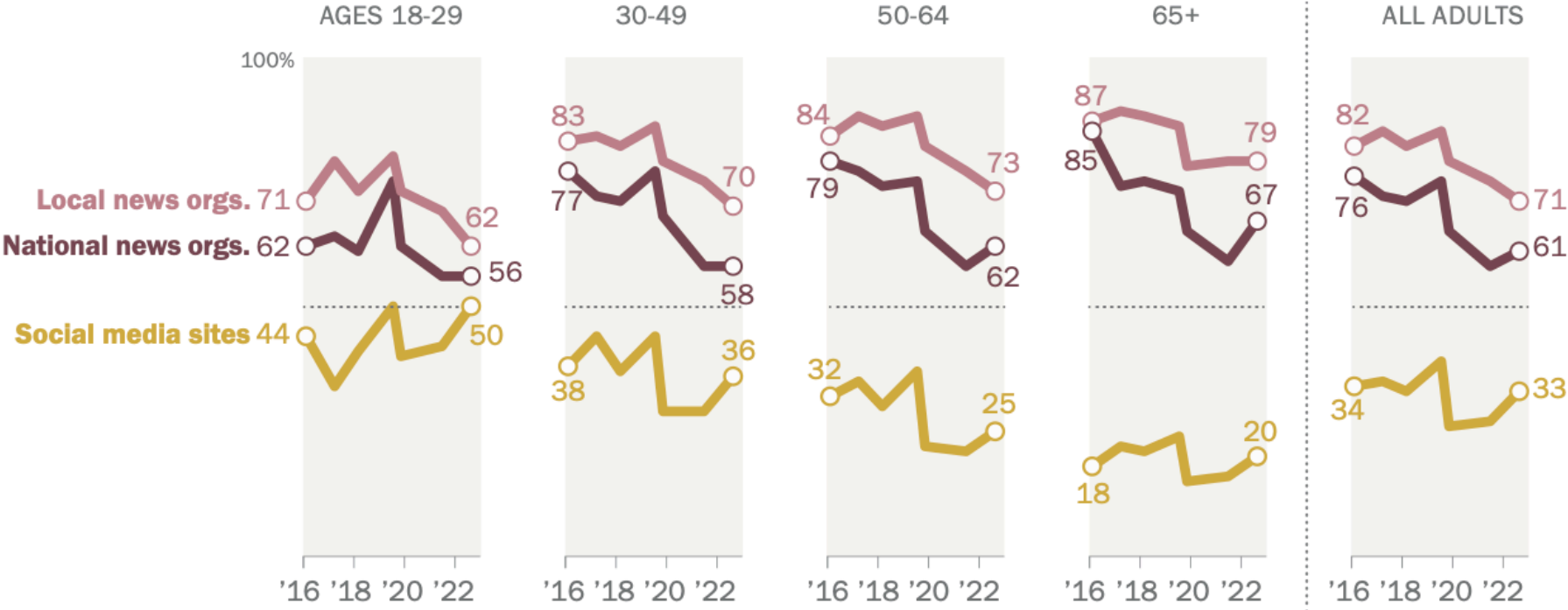


Sources: Pew Research Center, National Election Studies, Gallup, ABC/Washington Post, CBS/New York Times, and CNN surveys.

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# U.S. adults under 30 are now almost as likely to trust information on social media sites as information from national news outlets

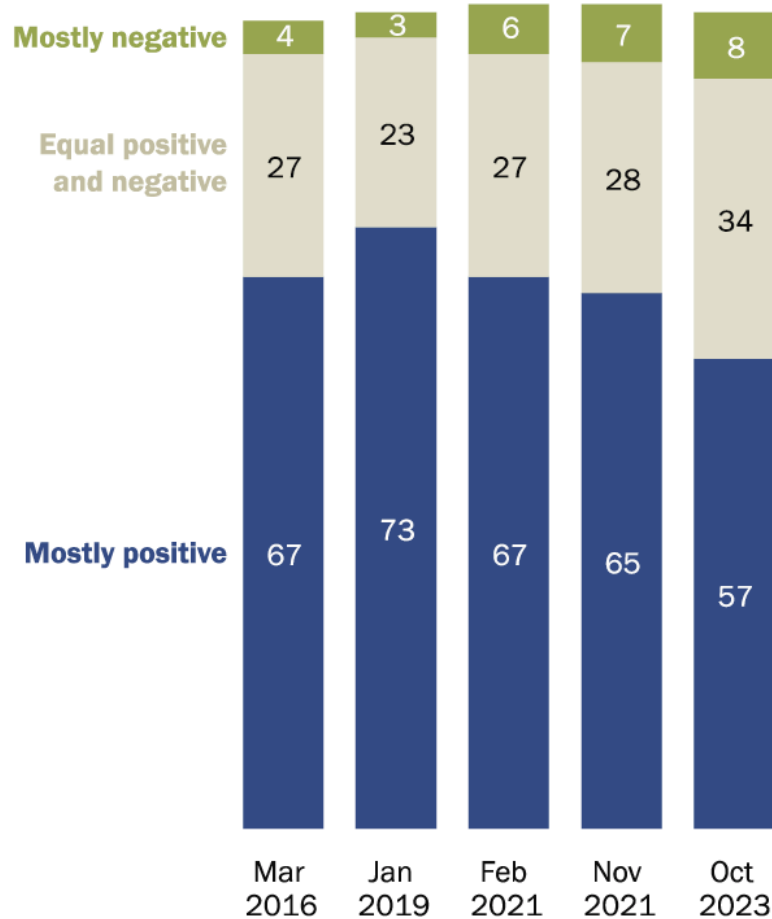
% of U.S. adults who say they have *some or a lot of trust* in the information they get from ...



Note: In 2016, trust of information from social media was only asked of and based on internet-using U.S. adults. In the question on trust in the information from social media sites, the examples used have changed over time; for more detail on the specific wording, see the topline. Source: Survey of U.S. adults conducted July 18-Aug. 21, 2022. For dates of other surveys, see the topline.

## Fewer Americans now say science has had a mostly positive effect on society

*% of U.S. adults who say science has had a(n) \_\_\_ effect on society*



Note: Respondents who did not give an answer are not shown.

Source: Survey of U.S. adults conducted Sept. 25-Oct. 1, 2023.

"Americans' Trust in Scientists, Positive Views of Science Continue to Decline"

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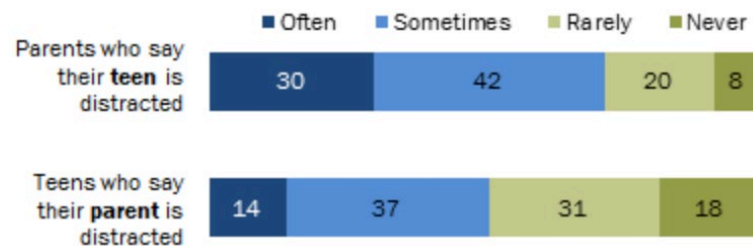
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**About seven-in-ten parents say their teen is distracted by their cellphone during conversations at least sometimes; half of teens say the same of their parents**

*% of U.S. parents/teens who say their teen/parent is \_\_\_ distracted by their cellphone when they are trying to have a conversation in person*



Note: Respondents who did not give an answer are not shown.  
Source: Survey conducted March 7-April 10, 2018.  
"How Parents and Teens Navigate Screen Time and Device Distractions"

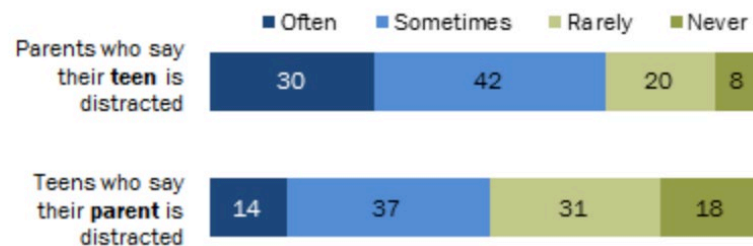
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5. Leaders accelerate. That can mean increasing velocity—or changing direction. Too often, leaders are motivated by short-term incentives, rather than long-term vision, mission, & values.

**Five ~~challenges~~ opportunities.**

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5. Leaders accelerate. That can mean increasing velocity—or changing direction. We can choose to hold our institutions to their highest ideals, & change their direction for the good.







Questions?