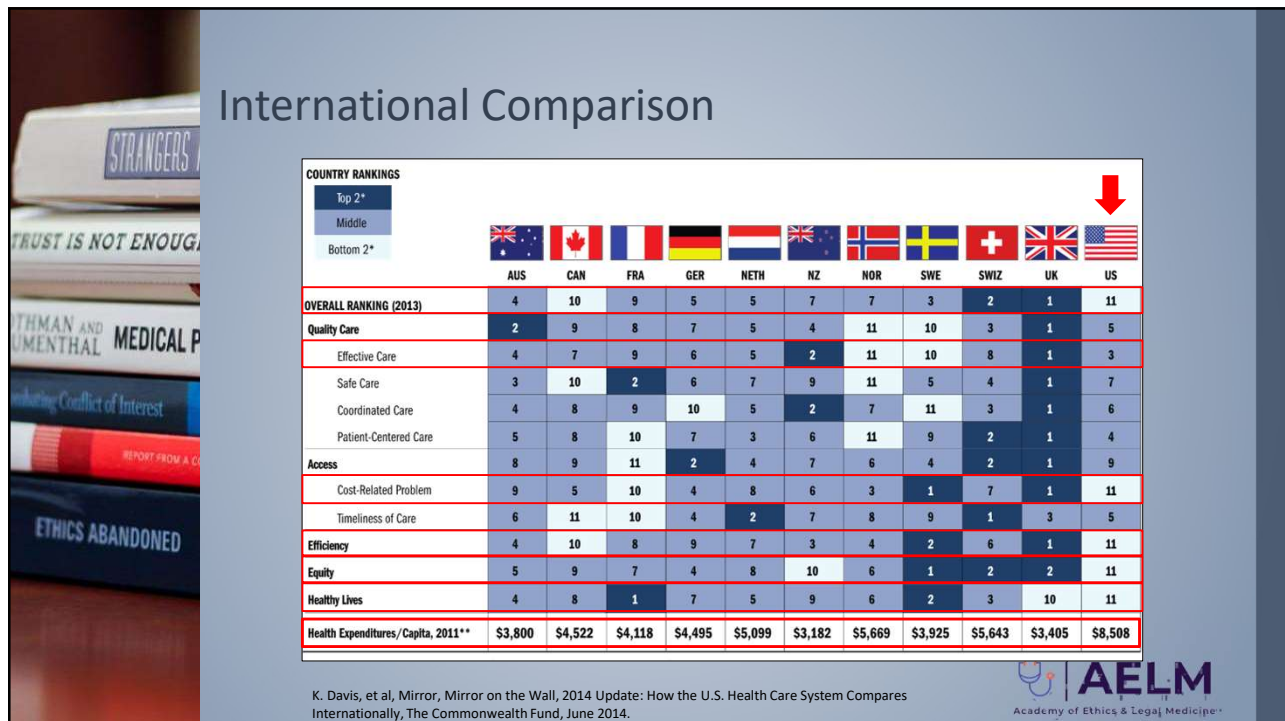


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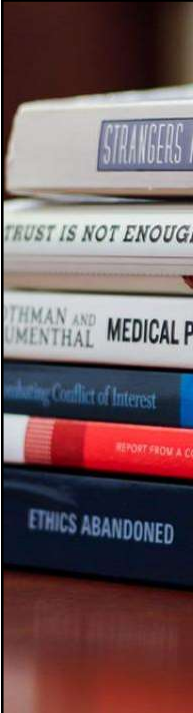
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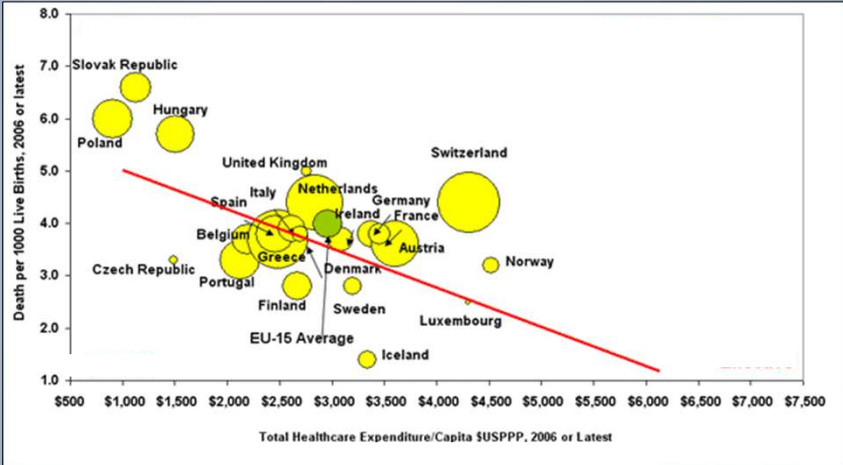

QUALITY OF CARE IN THE UNITED STATES

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Infant Mortality Rate



Country	Total Healthcare Expenditure/Capita (US\$ PPP, 2006 or latest)	Death per 1000 Live Births, 2006 or latest
Slovak Republic	~1,000	~7.0
Hungary	~1,500	~6.0
Poland	~1,000	~6.0
United Kingdom	~2,500	~5.0
Switzerland	~4,500	~5.0
Italy	~2,500	~4.5
Netherlands	~3,000	~4.5
Germany	~3,500	~4.5
Ireland	~3,000	~4.5
France	~3,500	~4.5
Spain	~2,000	~4.5
Belgium	~2,500	~4.0
Austria	~3,500	~4.0
Greece	~2,500	~3.5
Denmark	~3,000	~3.5
Czech Republic	~1,500	~3.5
Portugal	~2,000	~3.5
Finland	~2,500	~3.0
Sweden	~3,000	~3.0
Norway	~4,500	~3.5
Luxembourg	~4,000	~2.5
Iceland	~3,000	~1.5
EU-15 Average	~2,500	~3.5

Source: OECD Health Database, June 2008 Version. U-15 average is the GDP weighted average.

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Infant Mortality

Country	Rate (2014)
AUS	3.8
CAN	4.9
FRA	3.5
GER	3.6
NETH	3.6
NOR	2.4
NZ	5.5
SWE	2.1
SWIZ	3.8
UK	4.3
USA	6.1

- In 2019, the Infant mortality rate was 5.75 deaths per 1000 live births
- 49% of deaths due to issues of pregnancy
 - Pre-term delivery & Low birth weight
- African American, Native American, & Hispanic women are more likely to lose a baby at birth than European American women
- Risk of infant death in first year for African American mothers is double that of European American mothers

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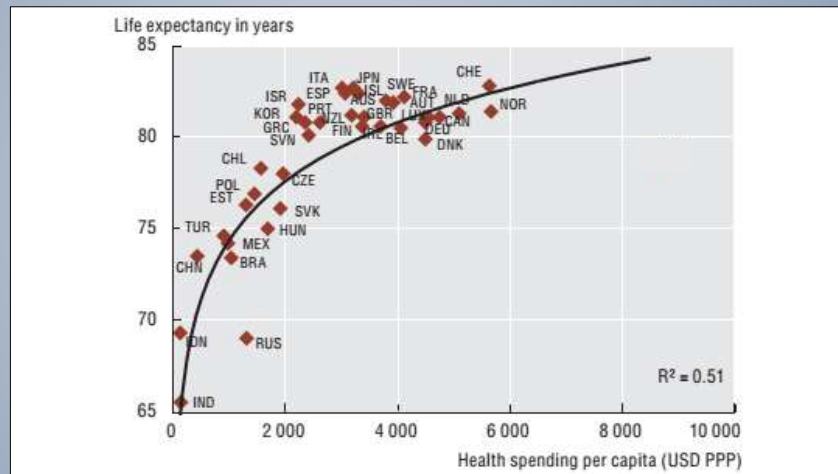
Maternal Mortality

Country	Rate (2017)
Italy	2
Spain	4
Japan	5
Australia	6
Germany	7
U.K.	7
France	8
Canada	10
Korea	11
U.S.	17.4

- Maternal mortality in U.S. is 17.4 deaths per 100,000 births
- Higher than other developed countries who are seeing maternal mortality going down
- Maternal death rates among Native Americans is more than double that of European Americans

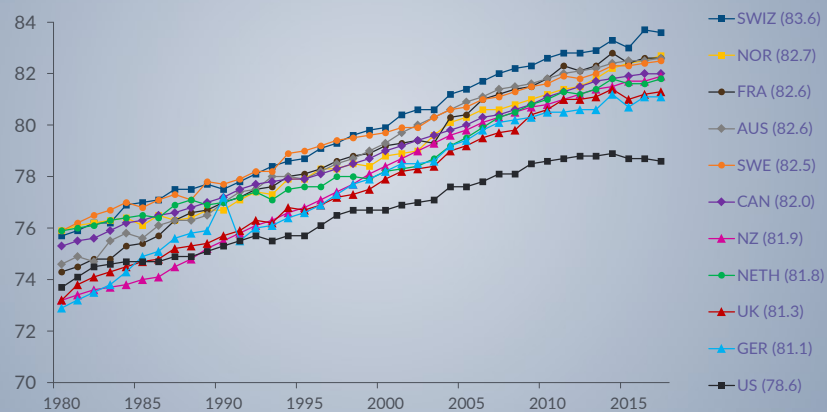
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Life Expectancy at Birth



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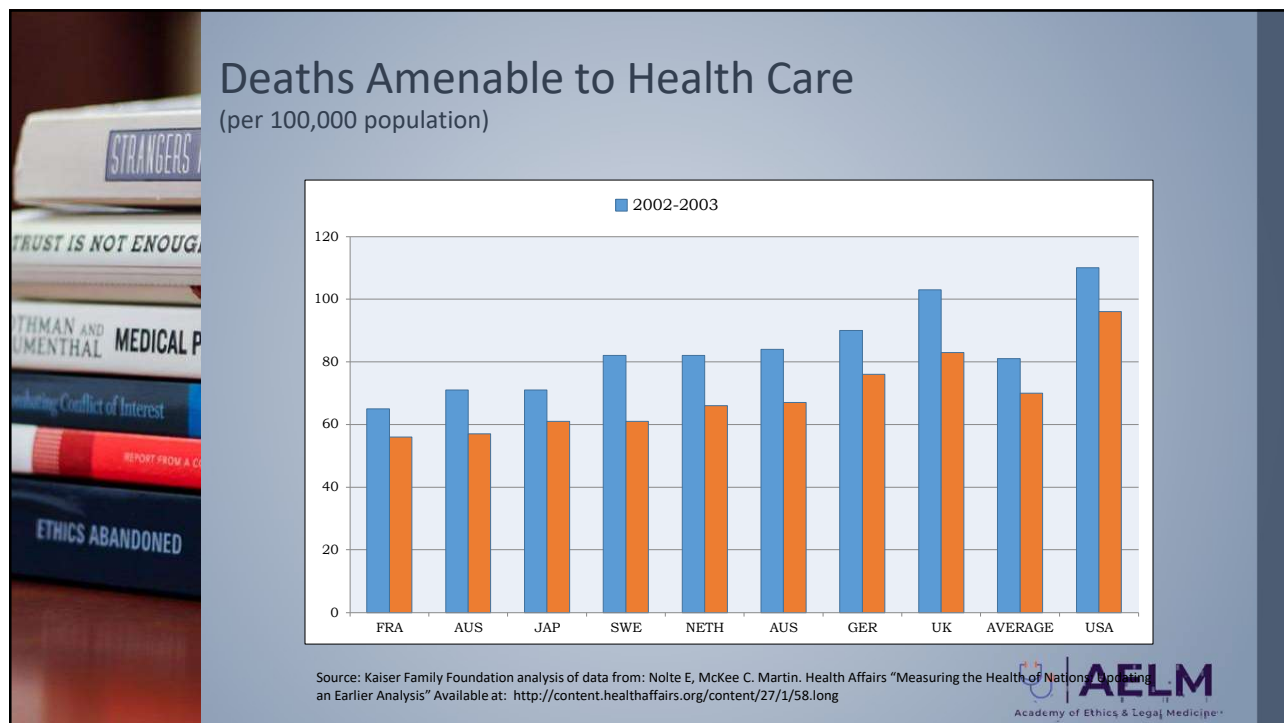
Life Expectancy at Birth (1980-2017)



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10


Suicides

Deaths per 100,000 population (standardized rates)

Country	Rate (per 100,000)
FIN	7.3
PER	10.2
NET	10.5
ITA	11.1
UK	11.2
IRL	11.5
GER	11.6
FR	11.8
ESP	11.9
USA	13.1
U.S.	13.9

OECD average: 11.5

- U.S. has highest suicide rate of comparable countries at 13.9 suicides per 100,000 persons
- Elevated suicide rate may indicate higher burden of mental illness & socioeconomic disparities

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Percent of females ages 50–69 screened (%) 2018

Country	Rate (%)
SWF	90
US	80
NETH	78
NOR	76
UK	75
NZ	72
AUS	55
CAN	54
GER	51
FRA	50
SWI	49

OECD average: 69%

BREAST CANCER SCREENING

U.S. has one of the highest rates for women ages 50 to 69 being screened for breast cancer.

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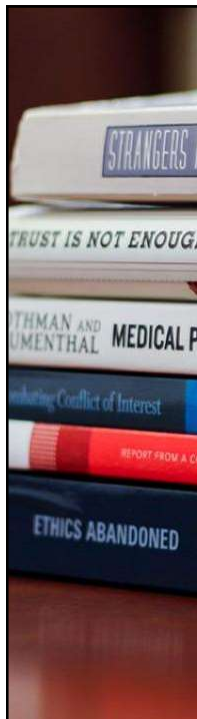


BREAST CANCER FIVE YEAR SURVIVAL RATE



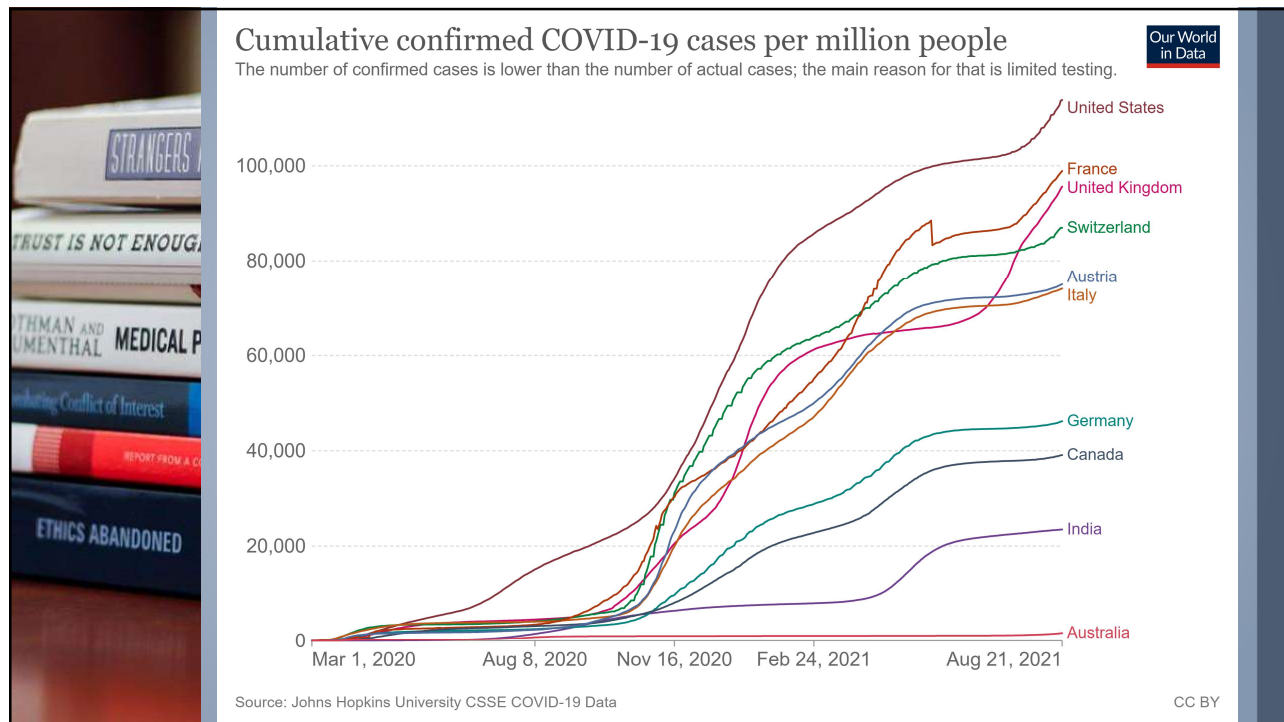
- Since 1975, five-year survival rate for breast cancer has increased significantly
- Racial disparities in breast cancer remain
 - African American women: 81%
 - European American women: 92%
- African American women are diagnosed at later stages and have poorer stage-specific survival
- Possible factors:
 - 25% of African Americans live in poverty
 - 20% of African Americans lack health insurance (2010)
- Breast cancer patients who reside in lower-income areas have a lower five-year survival rate than those in higher-income areas at every stage of diagnosis.

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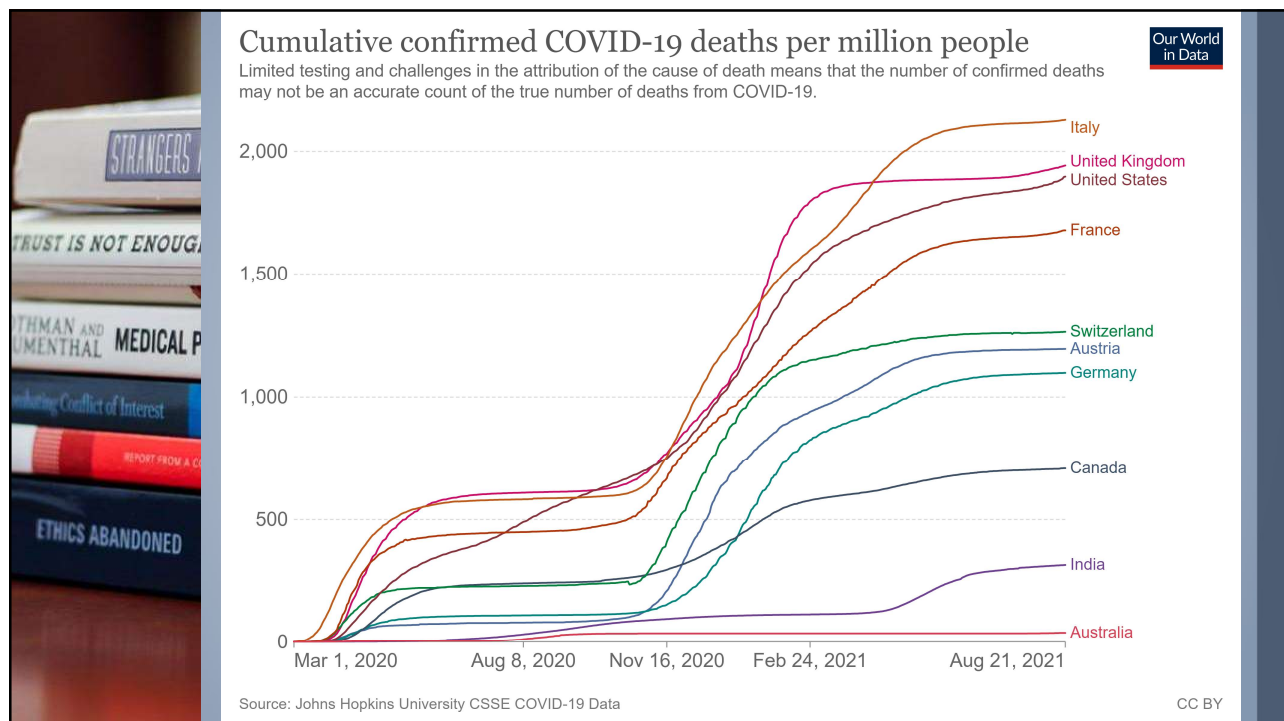


Coronavirus Pandemic

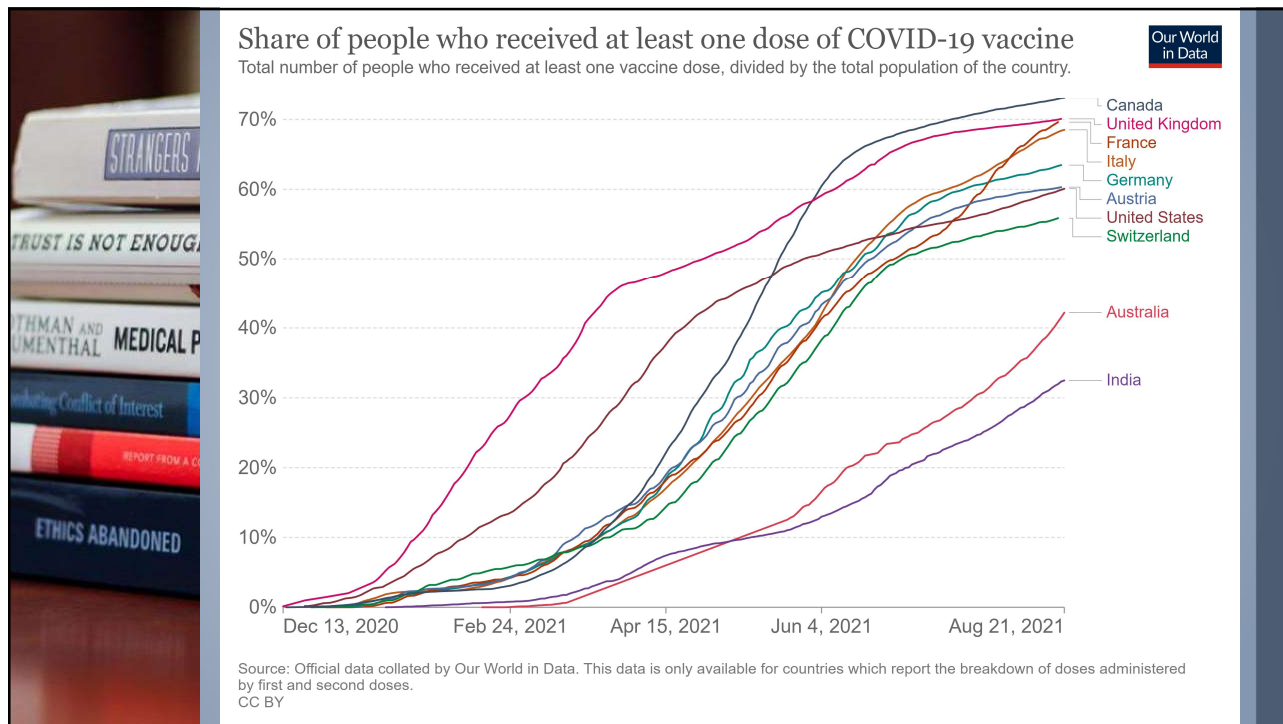
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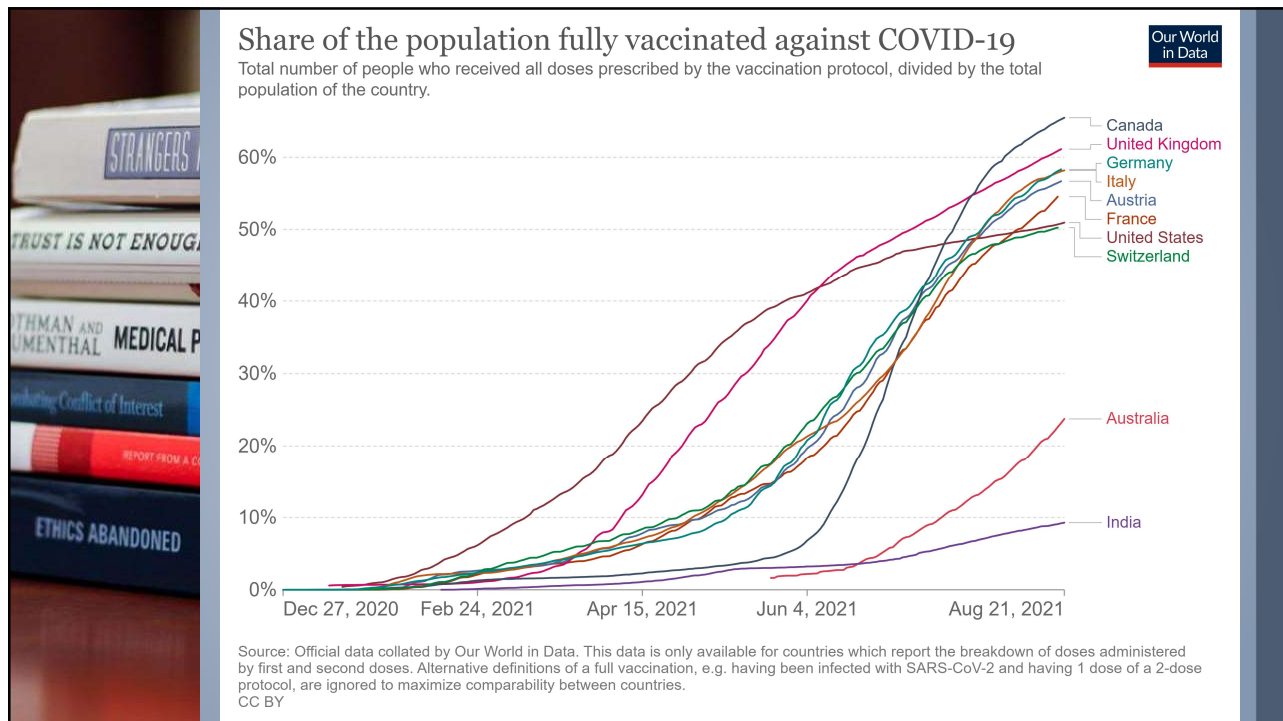
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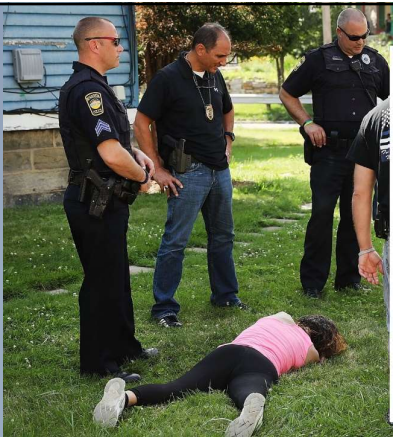
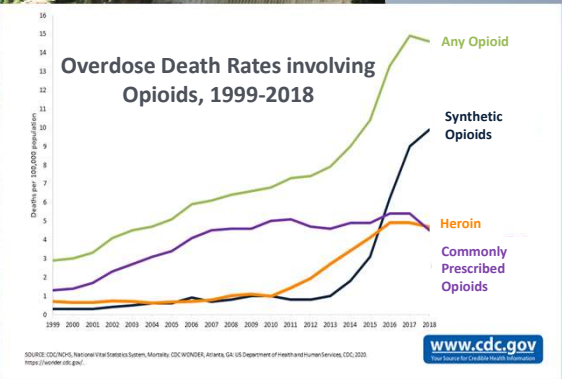
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Overdose Death Rates involving Opioids, 1999-2018

Deaths per 100,000 population

Any Opioid

Synthetic Opioids

Heroin

Commonly Prescribed Opioids

SOURCE: CDC/NCHS, National Vital Statistics System, Mortality; CDC WONDER, Atlanta, GA; US Department of Health and Human Services, CDC, 2020. <https://www.cdc.gov>

THE OPIOID EPIDEMIC

- Leading cause of death for Americans under age 50
- The origins of the opioid epidemic began in the 1990s
- Opioid deaths came in three distinct waves

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BLACK LIVES MATTER

Institutional Racism

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Ethics of Financing & Delivery of Health Care

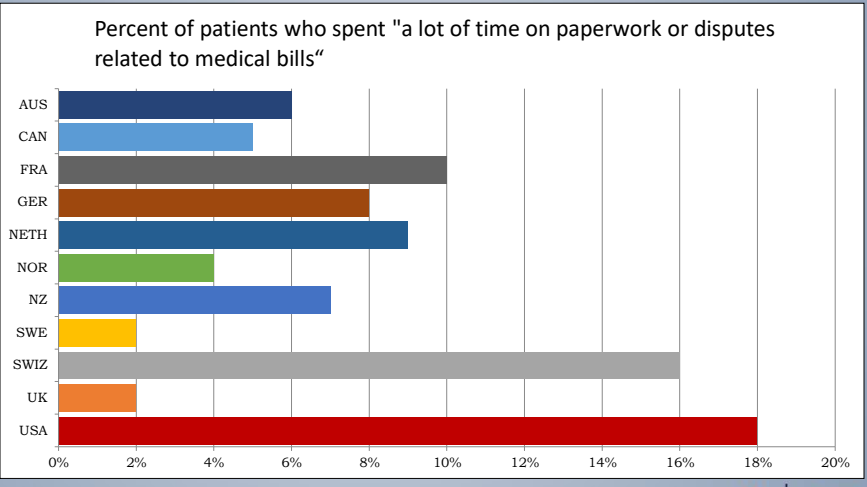


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Efficiency of Health Care System

Percent of patients who spent "a lot of time on paperwork or disputes related to medical bills"



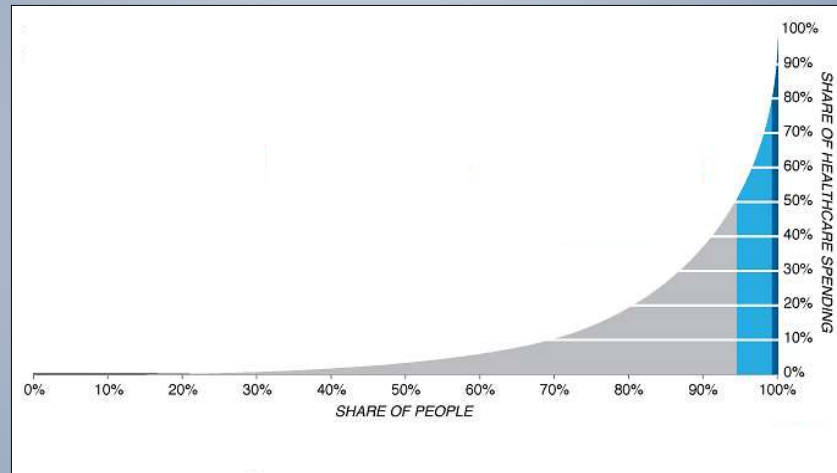
Country	Percent of patients
AUS	6%
CAN	5%
FRA	10%
GER	8%
NETH	9%
NOR	4%
NZ	7%
SWE	2%
SWIZ	16%
UK	2%
USA	18%

Source: The Commonwealth Fund (2014)



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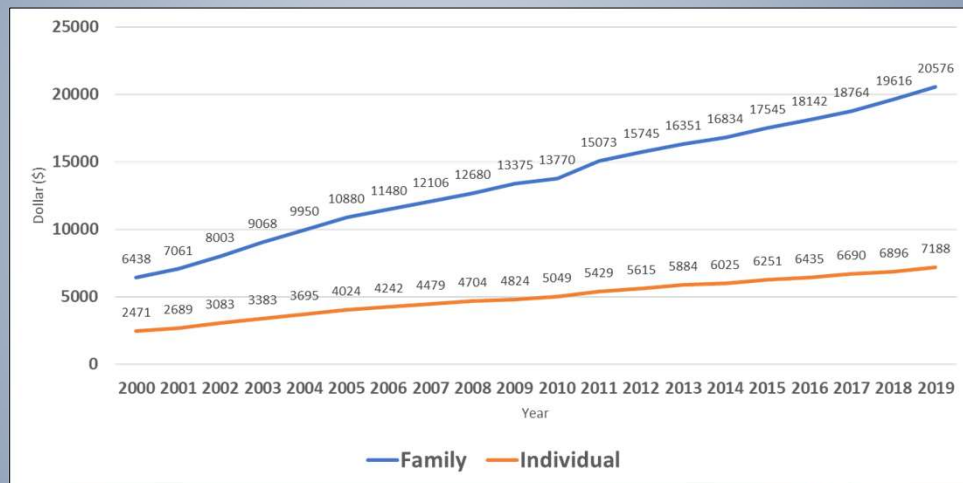
Allocation of Health Care Spending



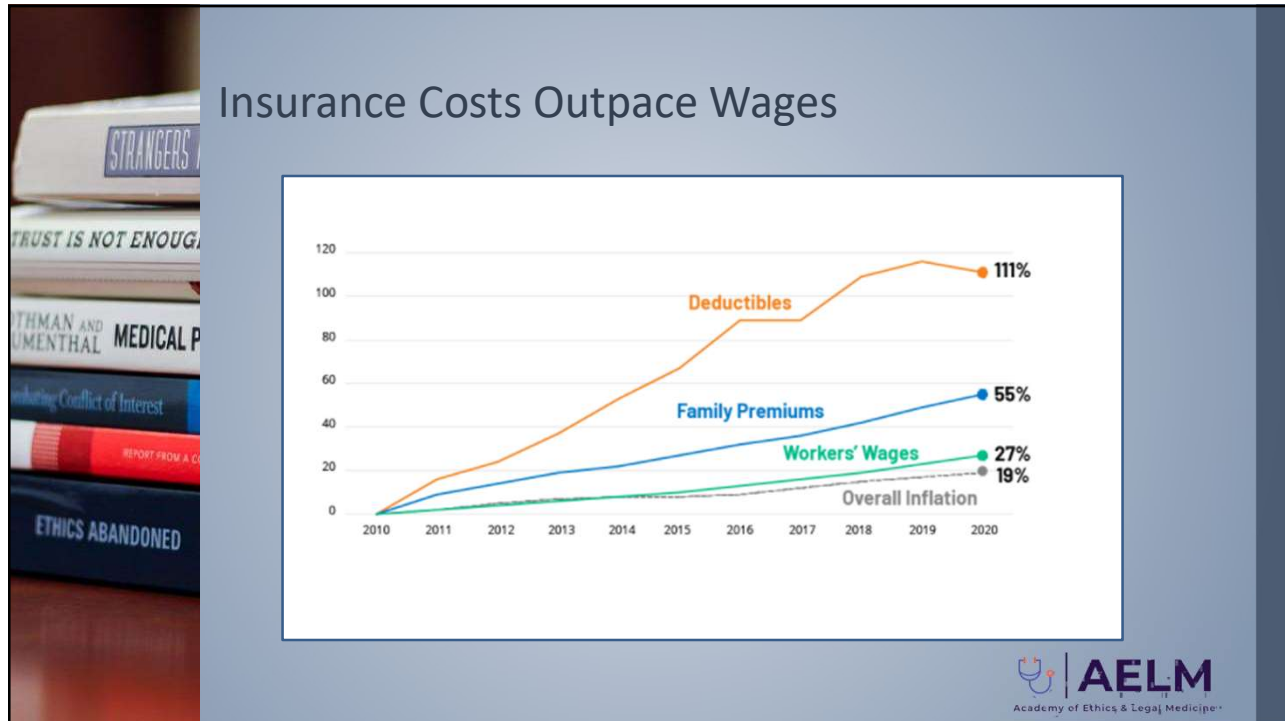
Source: Scheonman, Julie A. 2012. "The Concentration of Health Care Spending." Washington, D.C.: National Institute for Health Care Management Foundation.

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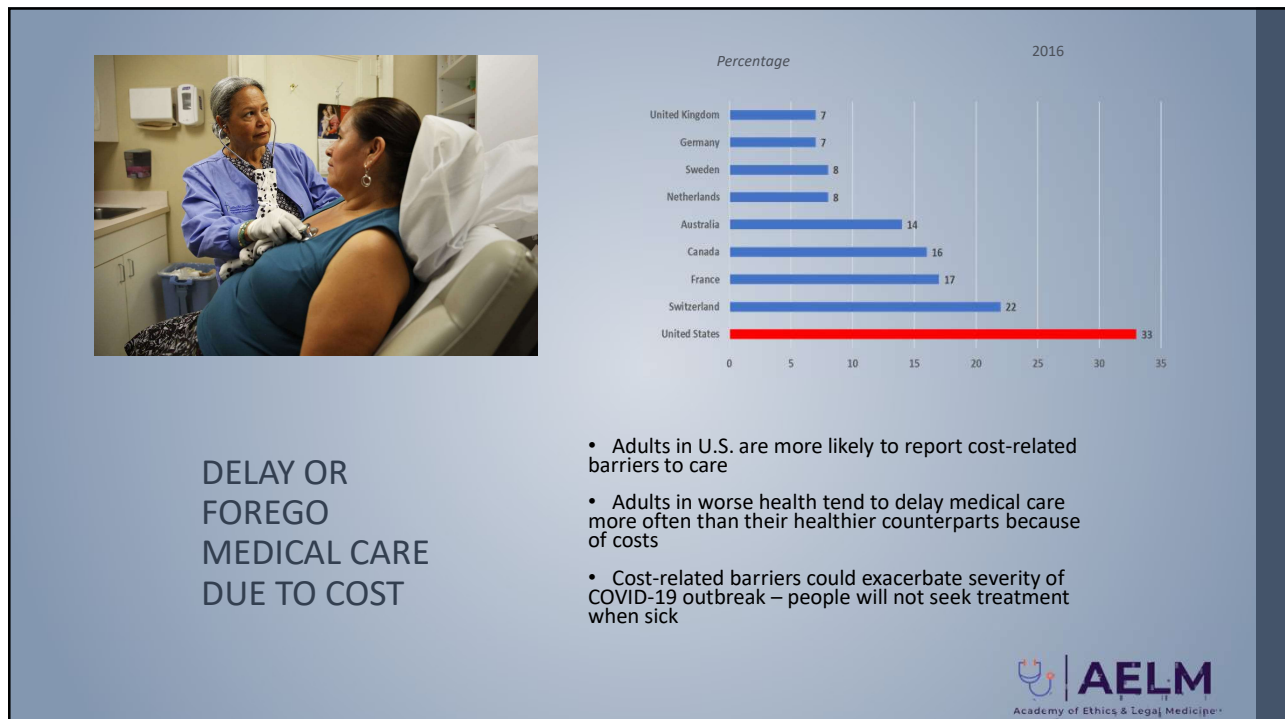
Annual Premiums Rose 320%



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Uninsured Americans

In 2010, 50 million Americans were uninsured – equal to the combined populations of Sweden, Austria, Switzerland, Denmark, Finland, Norway & Ireland

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Obamacare

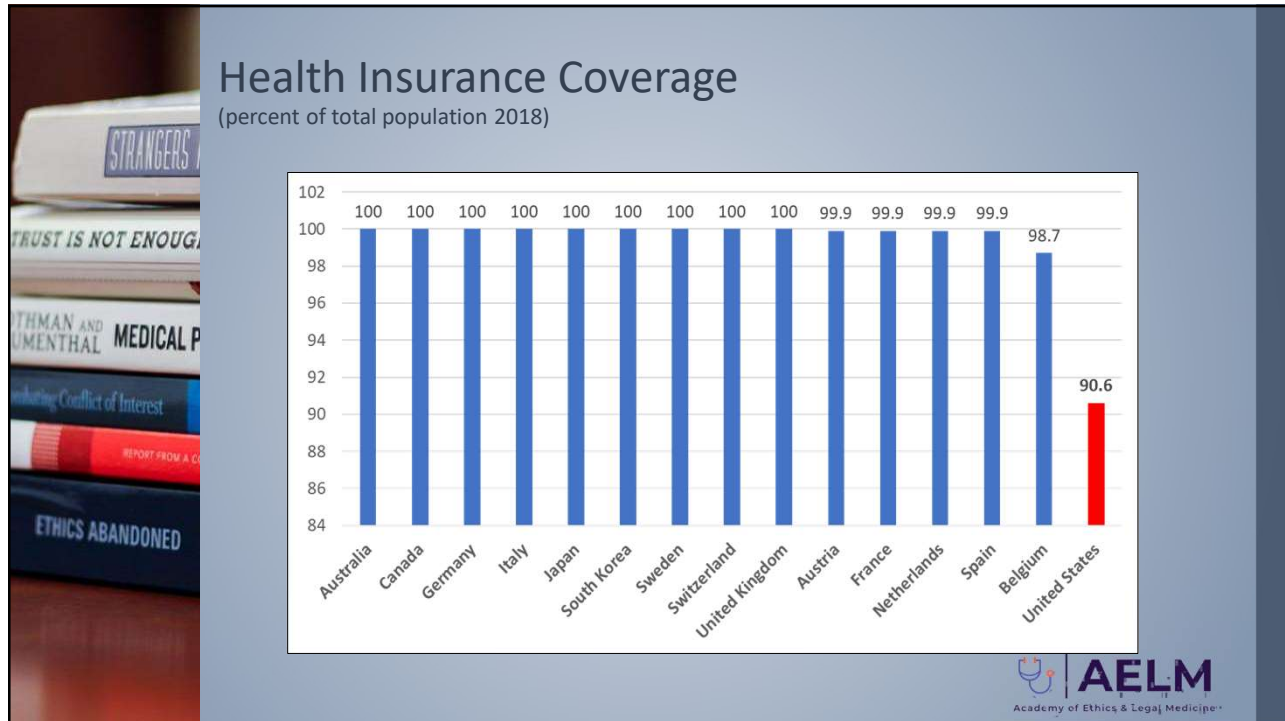
Percentage Uninsured in the U.S., by Quarter
Do you have health insurance coverage?
Among adults aged 18 and older

Quarter	Year	% Uninsured	Uninsured (Million)
Q1	2008	14.6	
Q1	2009	14.4	47
Q1	2010	16.4	52
Q1	2011	16.6	
Q1	2012	17.5	
Q1	2013	16.9	
Q1	2014	18.0	54
Q1	2014	13.4	42

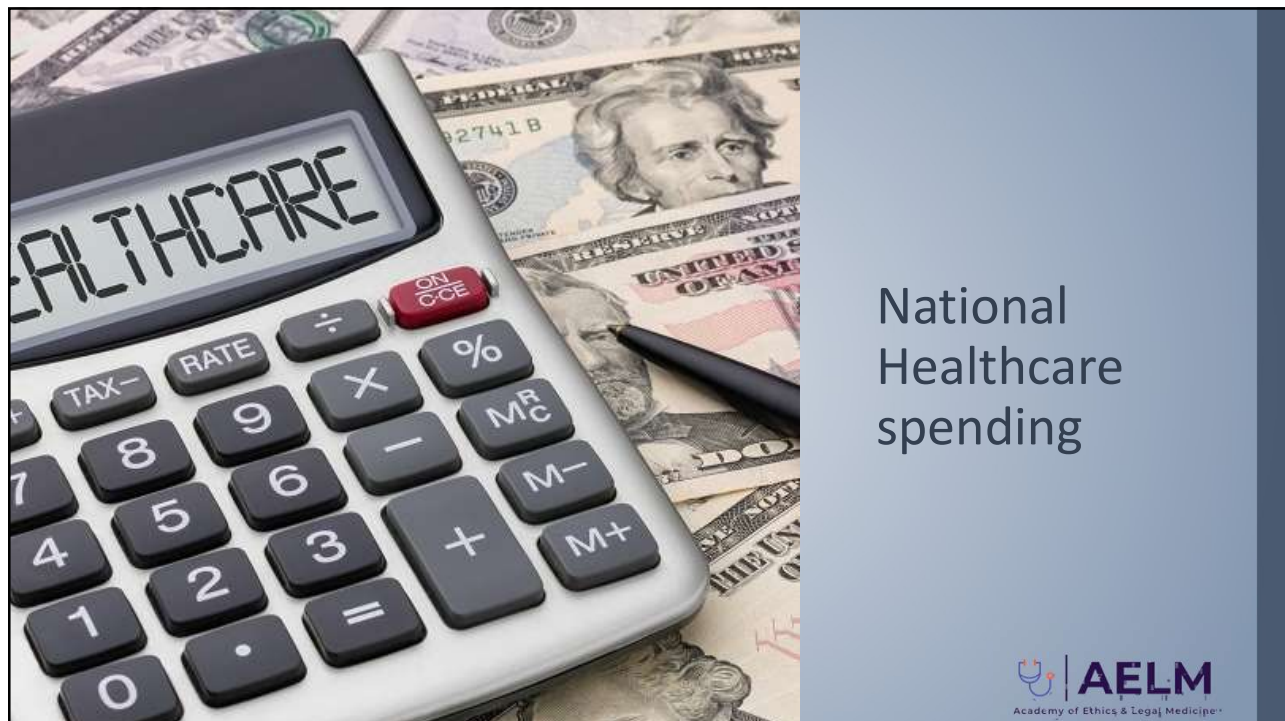
Quarter 1 2008-Quarter 2 2014
Gallup-Healthways Well-Being Index
GALLUP®

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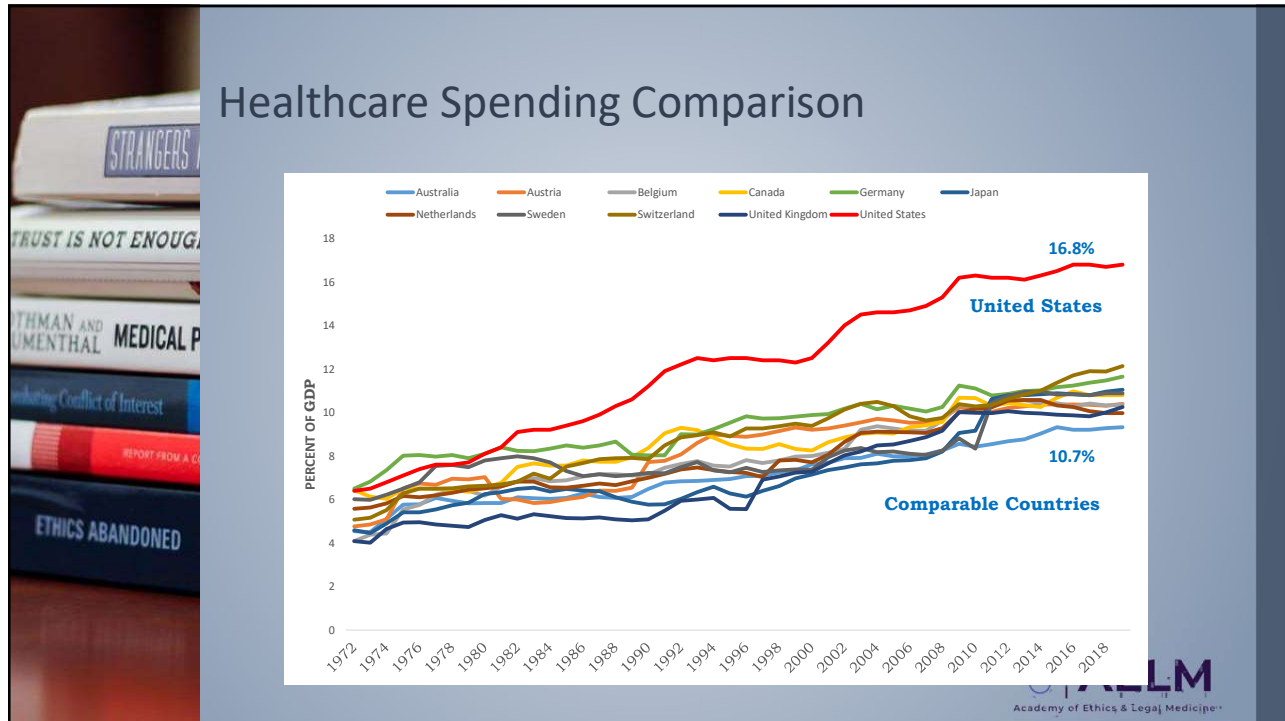
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Federal Spending

(2019 \$4.4 trillion budget)



Source: Federal Budget in Pictures 2015. Figures have been rounded. Heritage.org. & Office of Management and Budget. Note: Income security and other benefits include federal employee retirement and disability, unemployment compensation, veterans benefits, food and housing assistance, and other federal income security programs.

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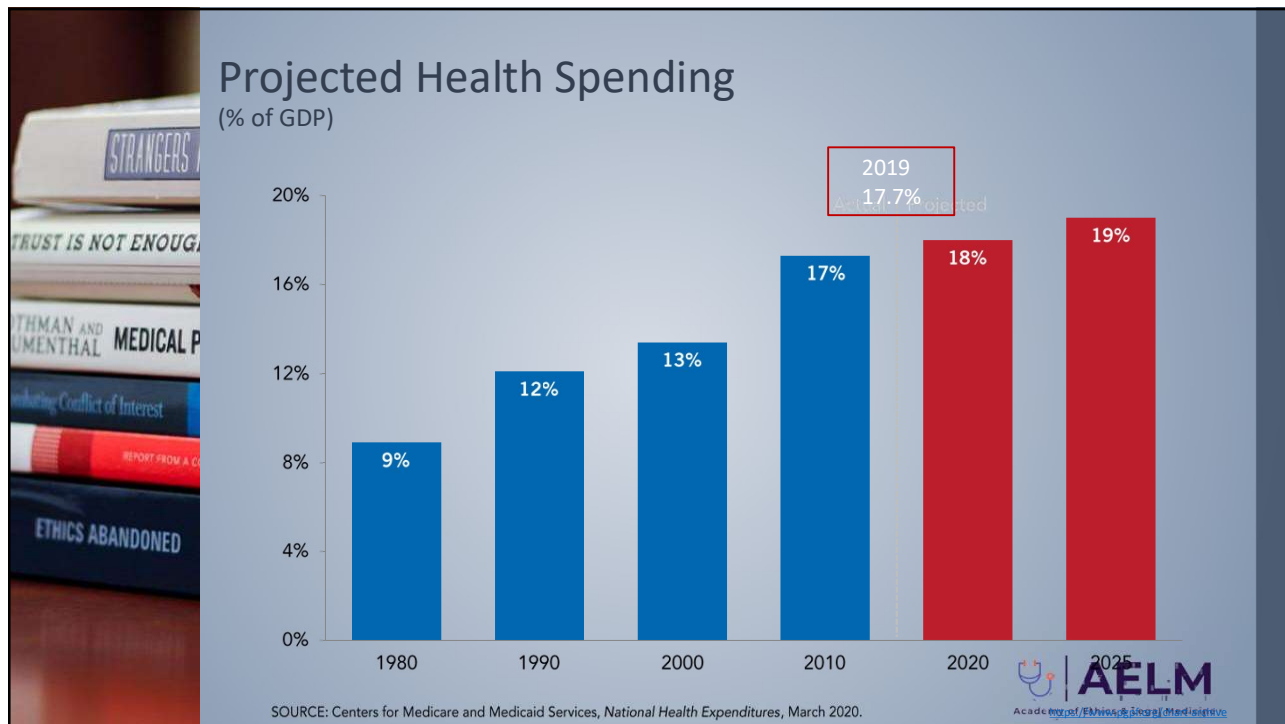
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How Big is \$4.4 Trillion Dollars?

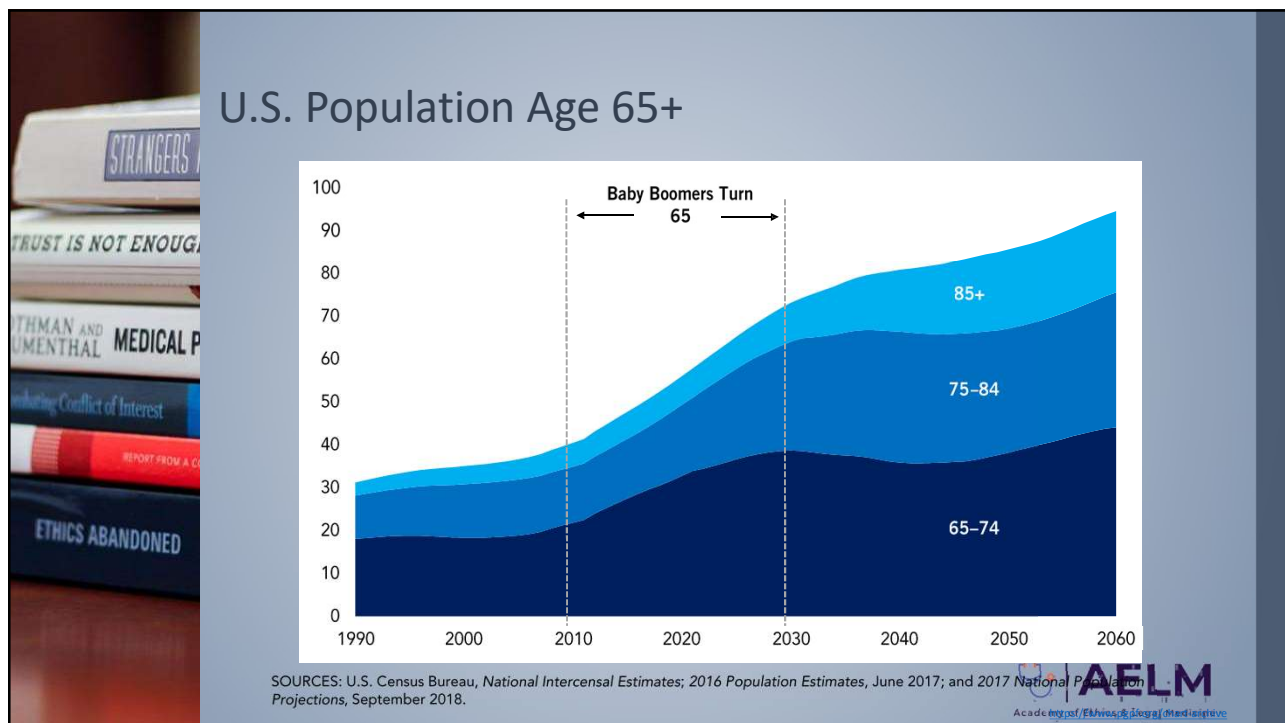


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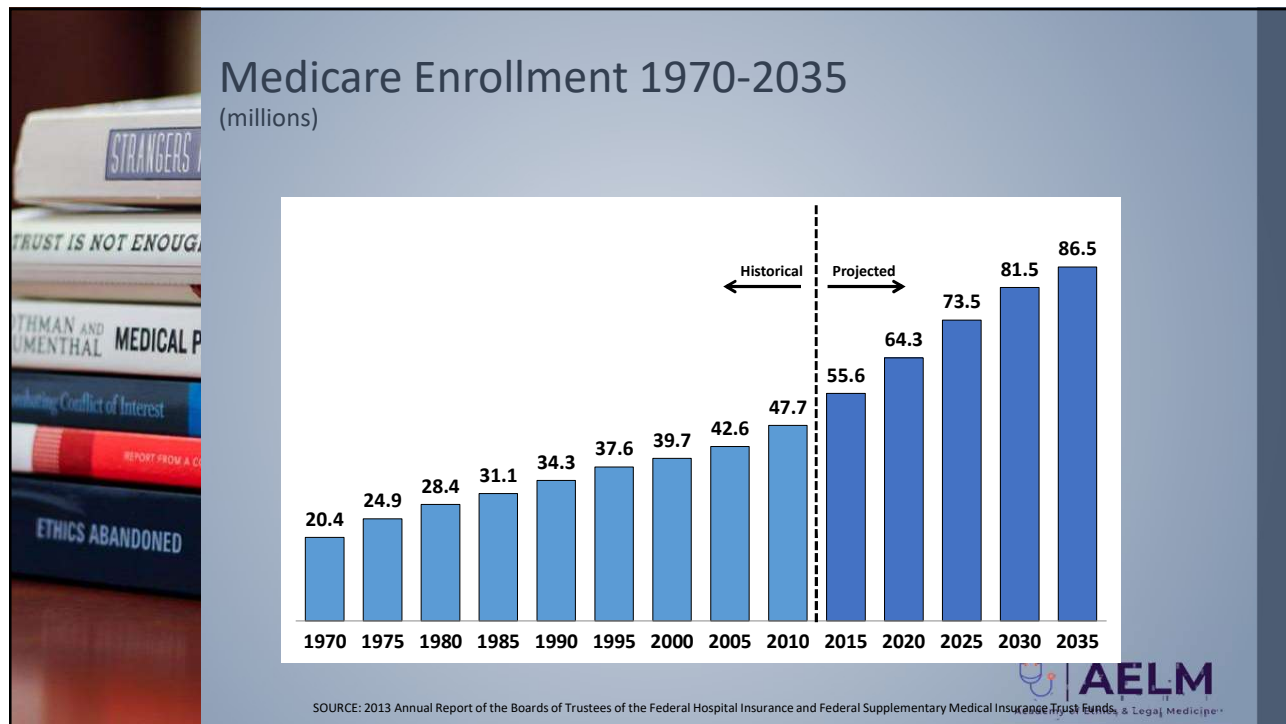
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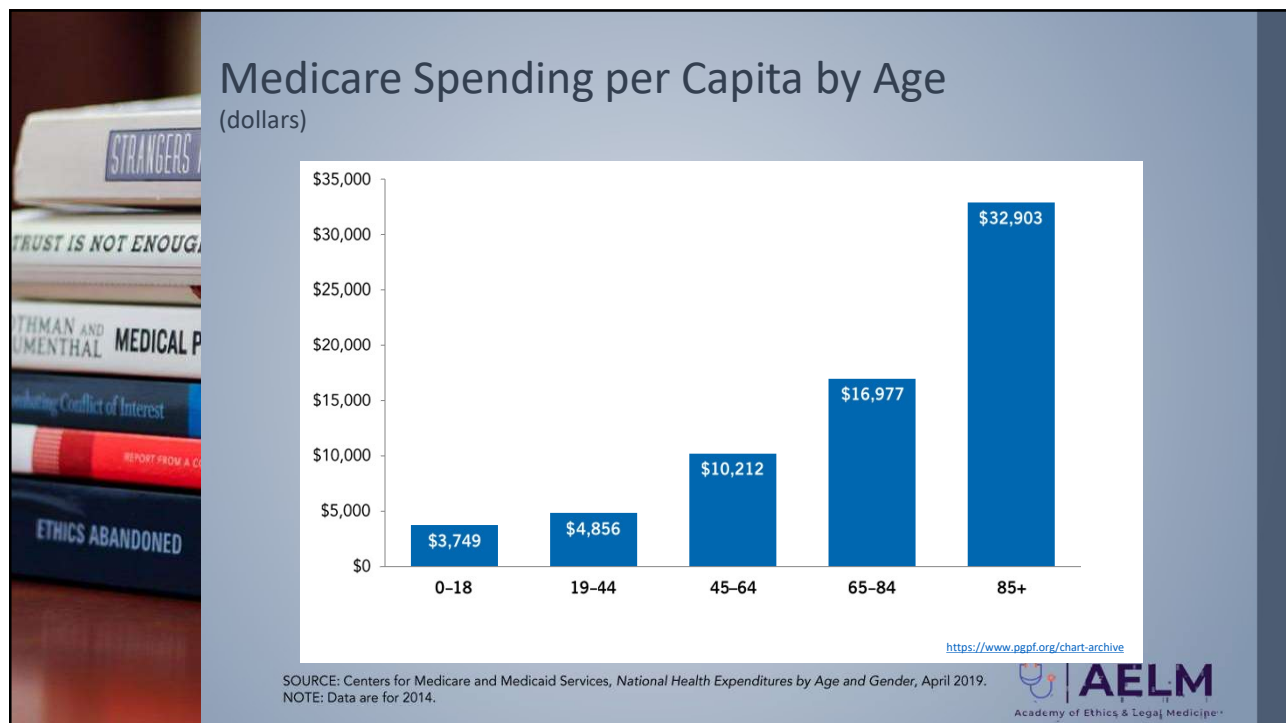
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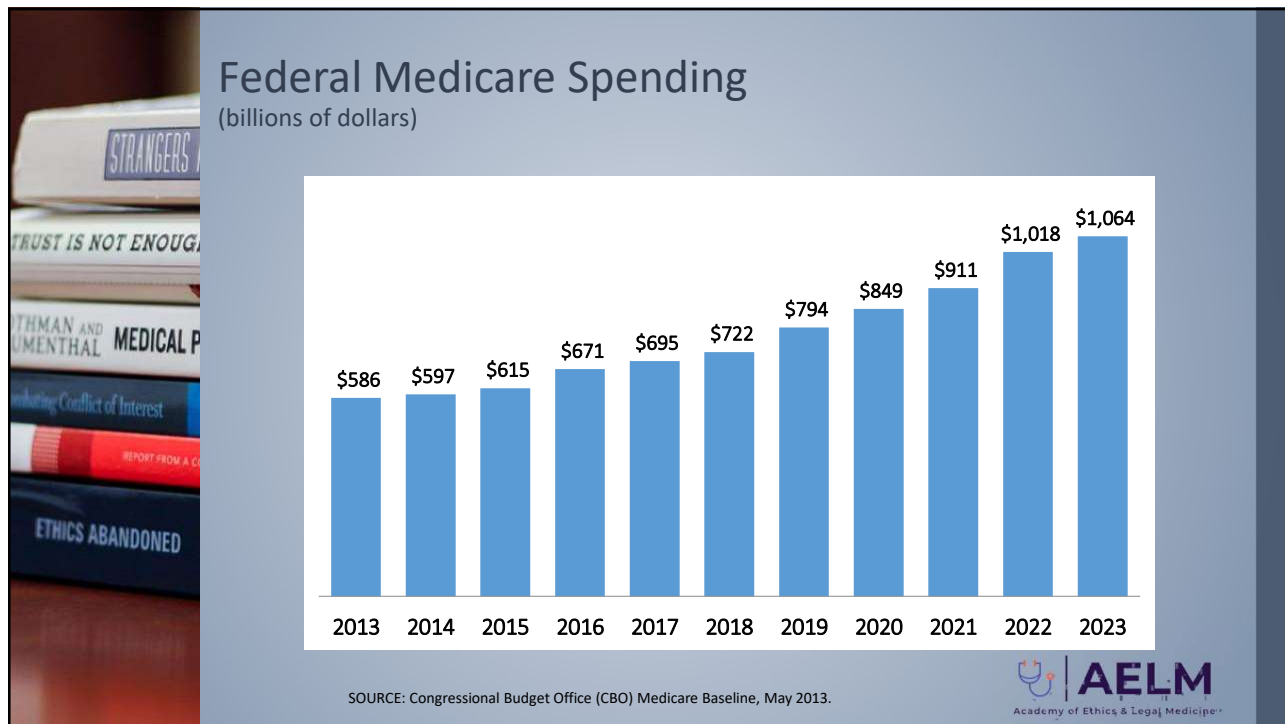
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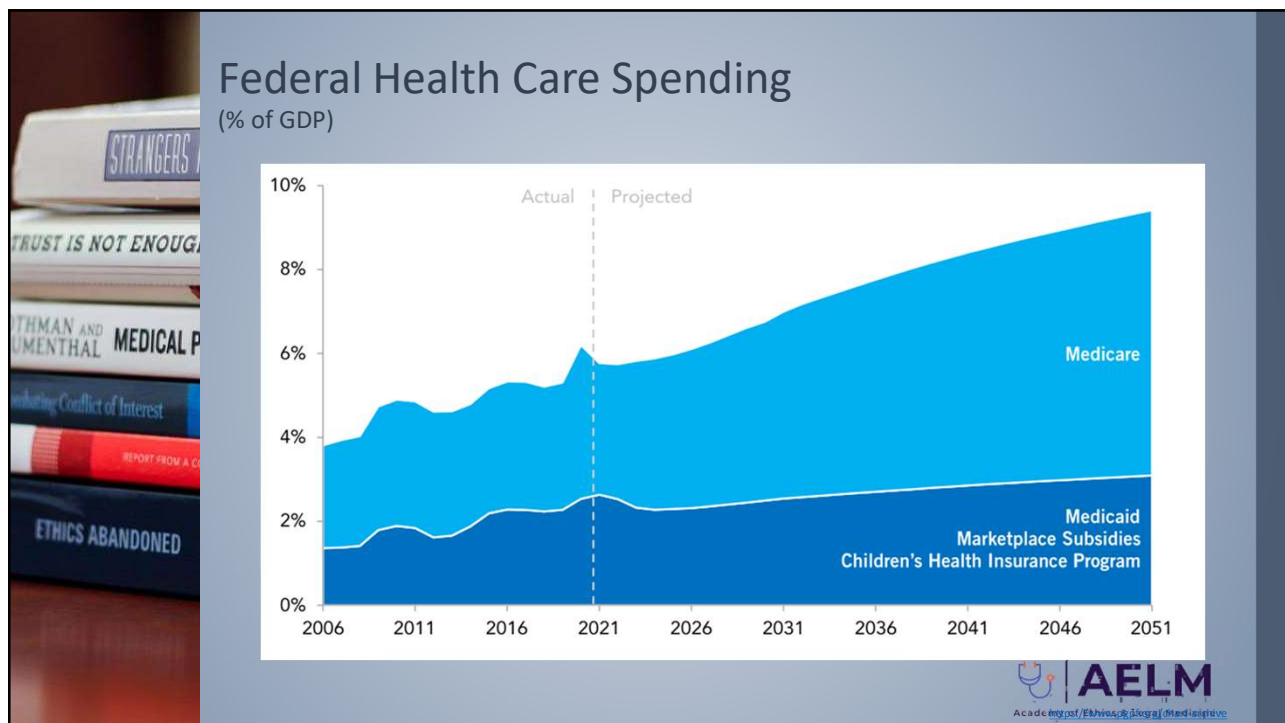
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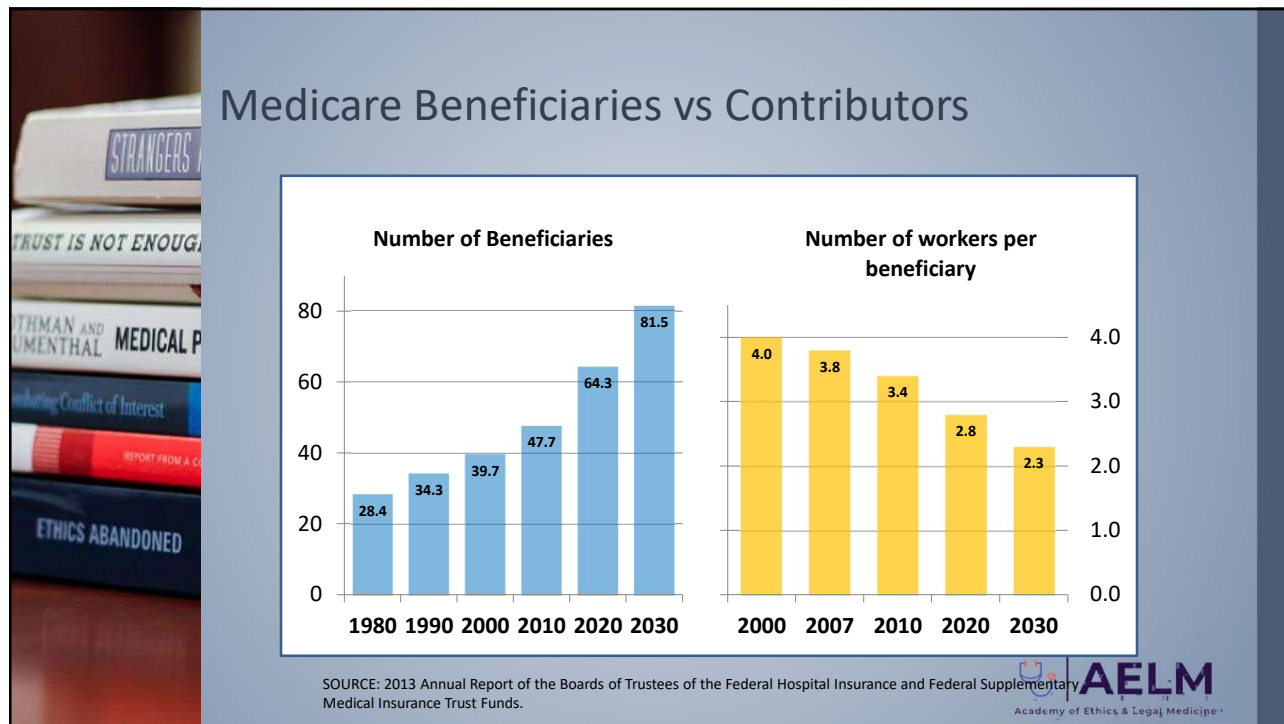
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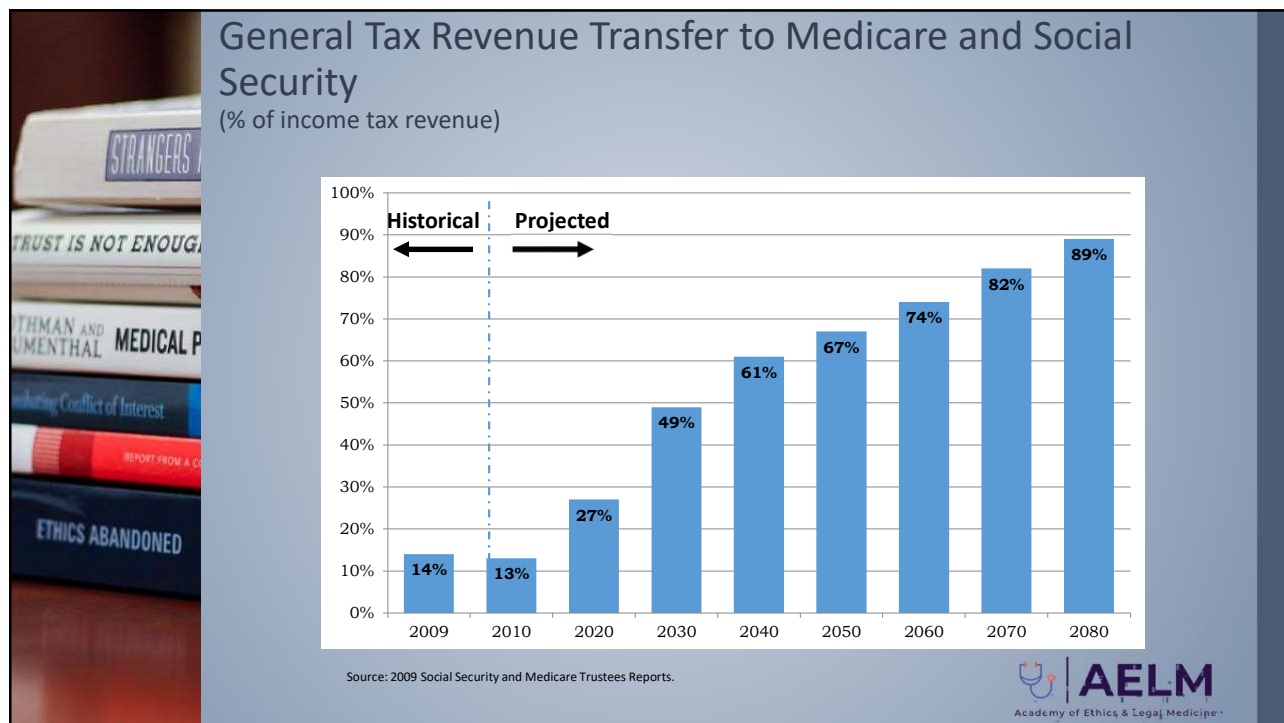
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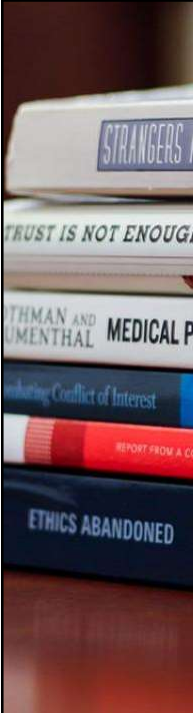
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President Obama on healthcare



“Our health care system is placing an unsustainable burden on taxpayers. When health care costs grow at the rate they have, it puts greater pressure on programs like Medicare and Medicaid. If we do nothing to slow these skyrocketing costs, we will eventually be spending more on Medicare and Medicaid than every other government program combined. Put simply, our health care problem is our deficit problem. Nothing else even comes close. Nothing else.”

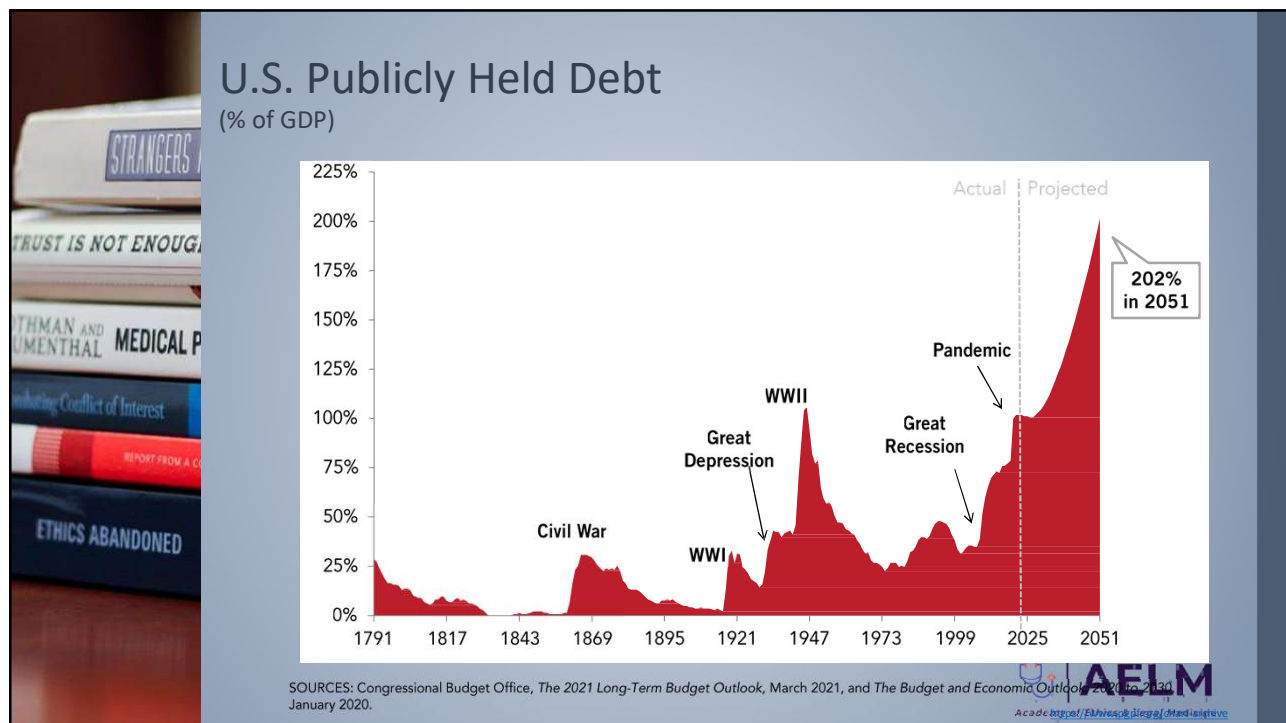
President Barack Obama - Joint Sessions of Congress - June 9, 2009



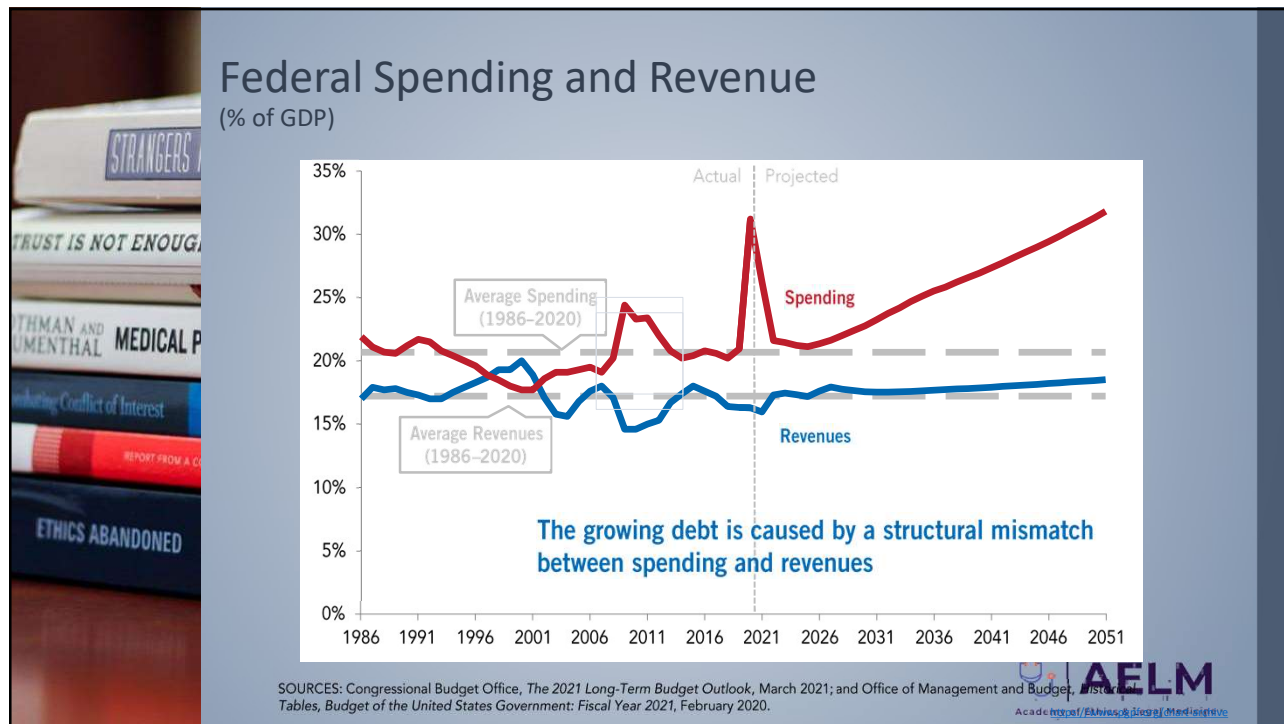
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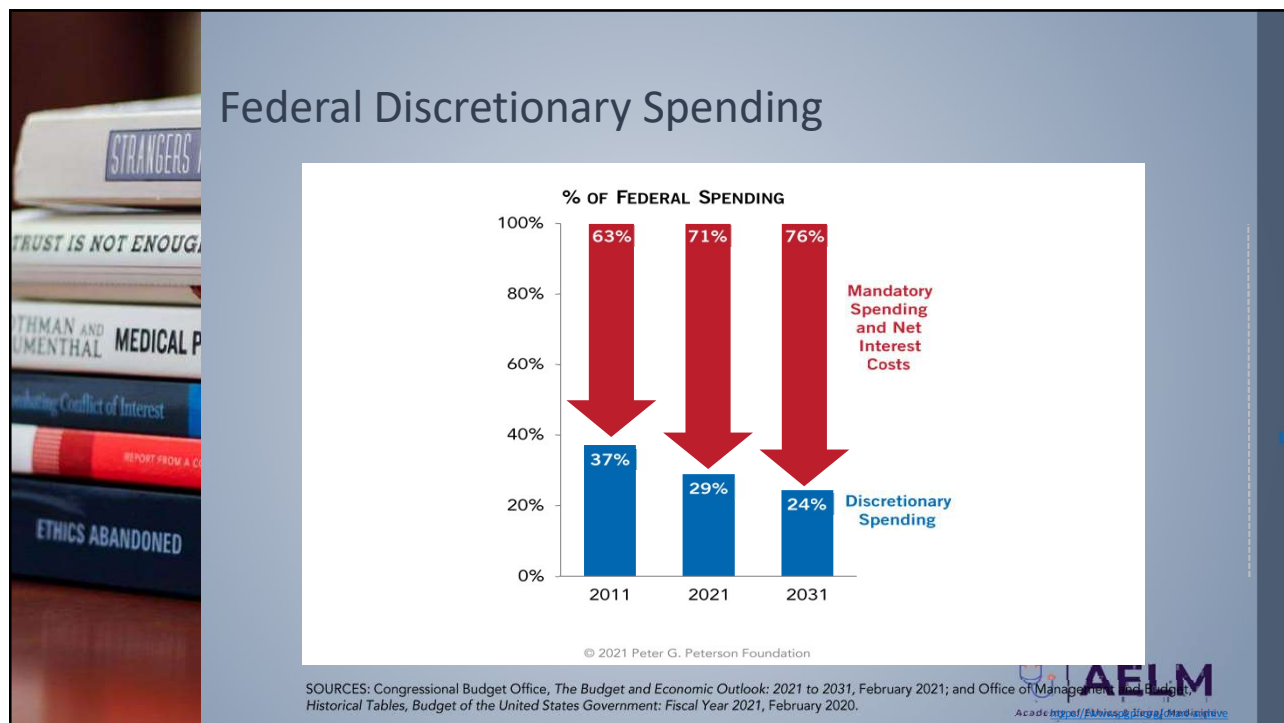
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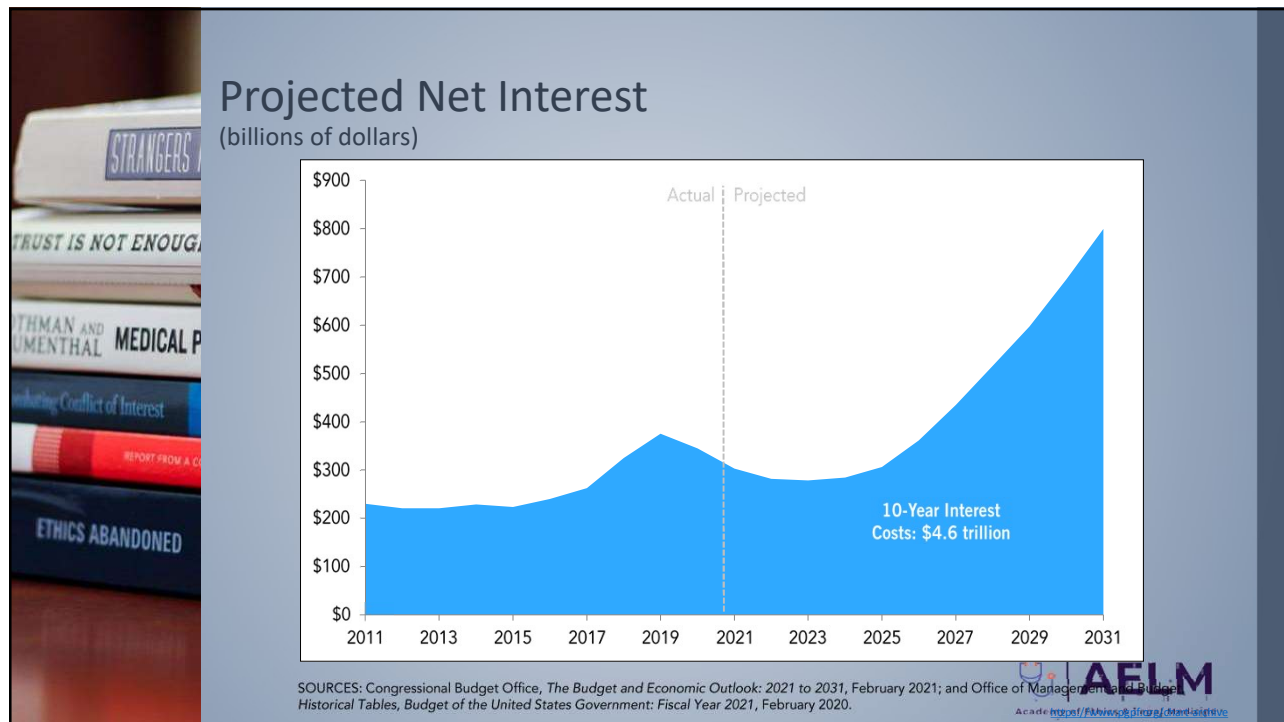
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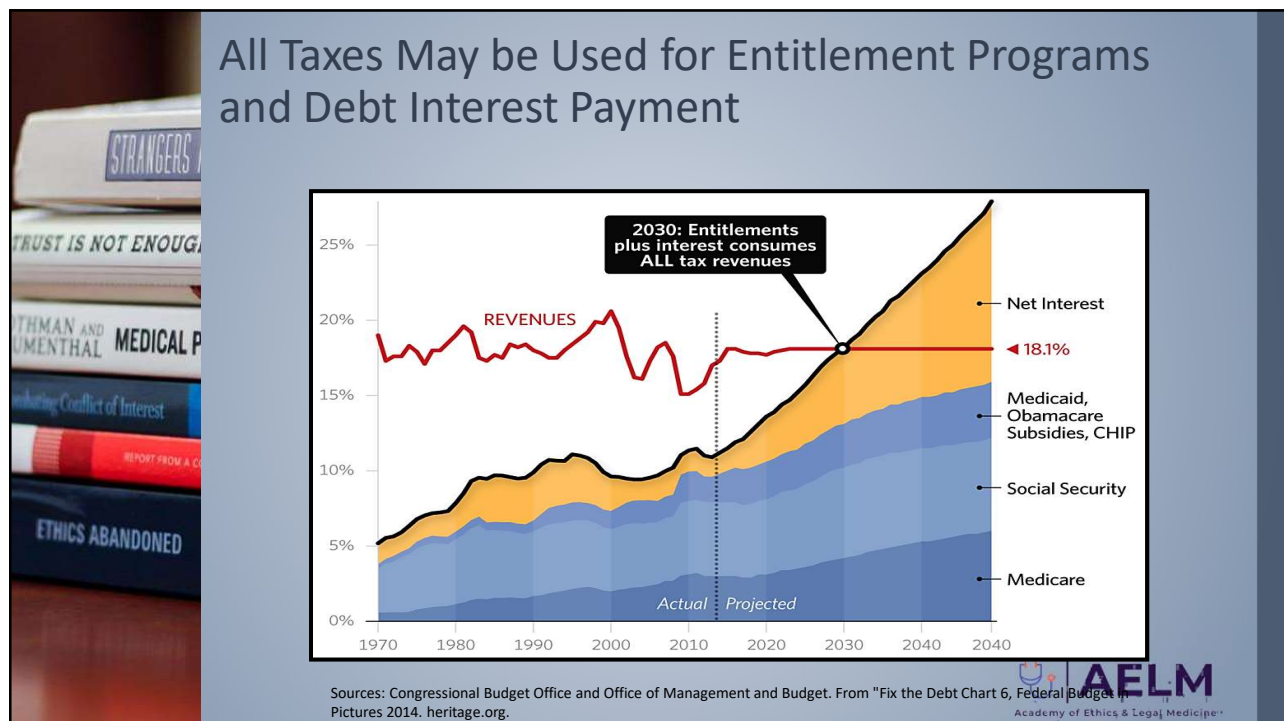
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