




Project 1: Is unchecked greed and wealth hoarding killing Americans?

Spoiler alert: yes

Analysis By Rad Turkin



An exploration of the increasing divergence of life expectancy in the US and recommendations for resolution at the state and federal level

Goal:

1. View trends in US wealth distribution and its impact on life expectancy
2. Make recommendations to resolve decreasing life expectancy



Data used

Gini Index - Universal measurement of wealth inequality

Life Expectancy - In human years

Population - Total Population by country

GNI - Gross National Income

All data sourced from GapMinder



Select Countries*

1980 as a key year

Populations larger than 75,000,000

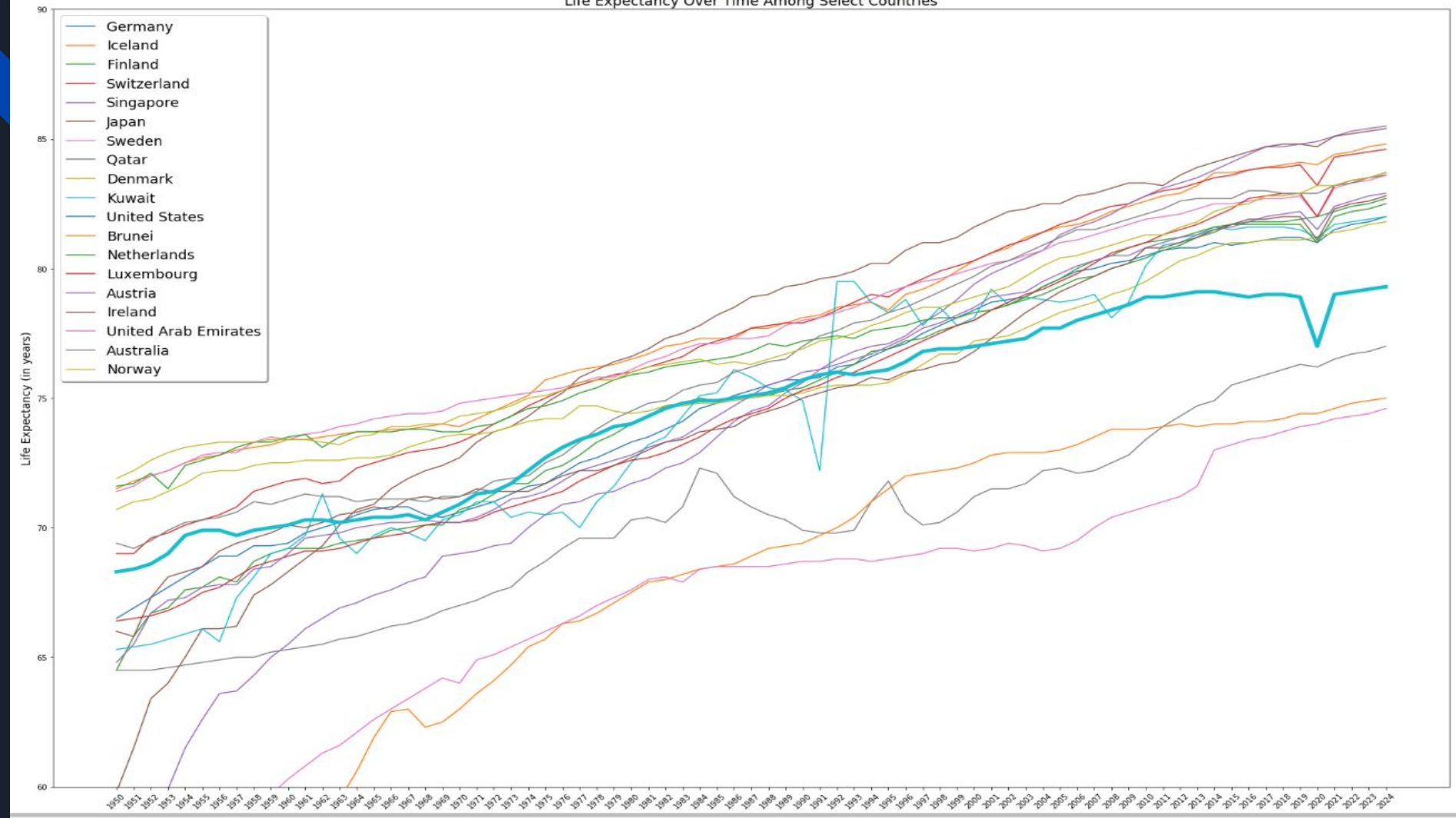
GNI over 32,000

2019

Population over 100,000,000

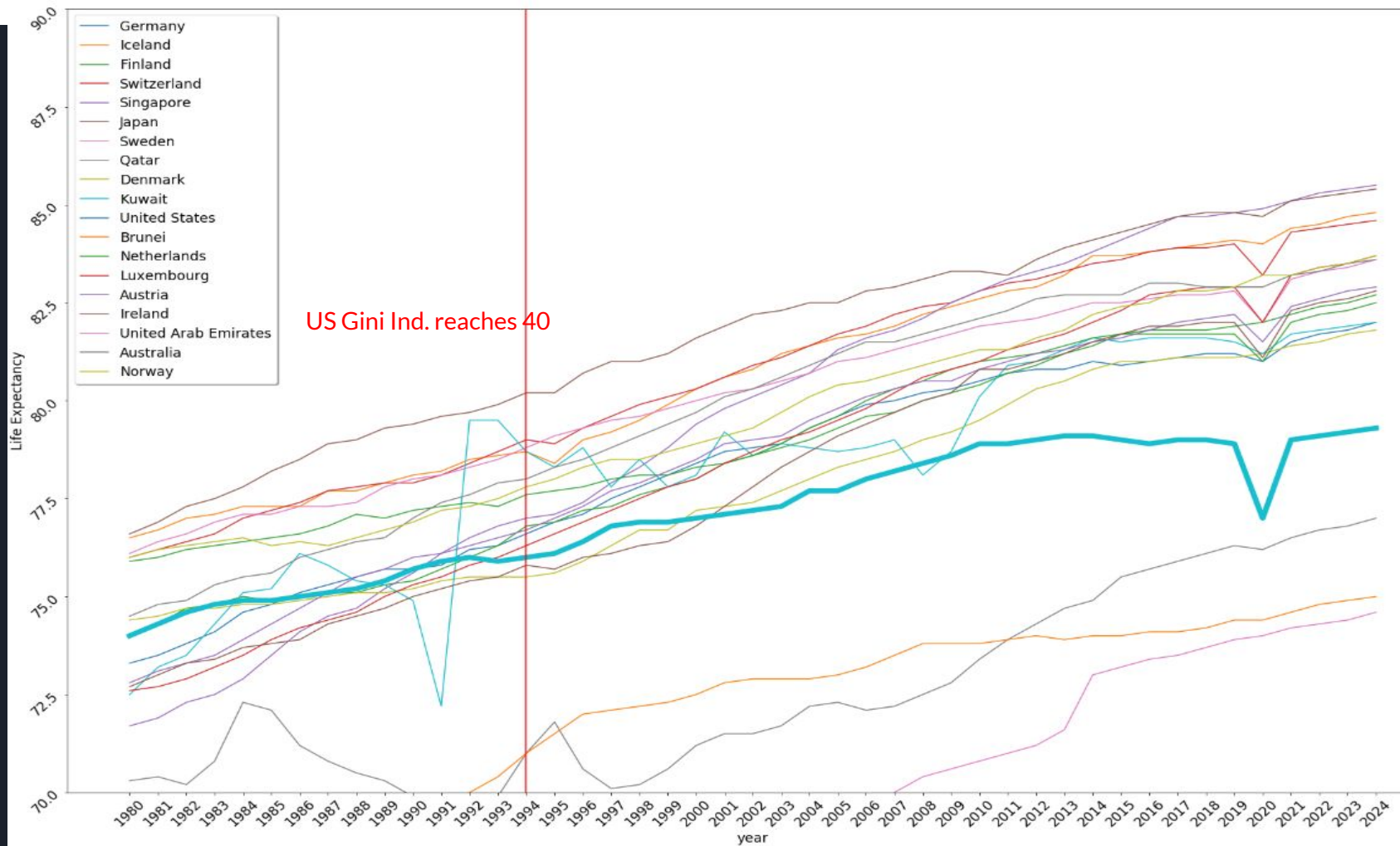
GNI over 50,000

Life Expectancy Over Time Among Select Countries

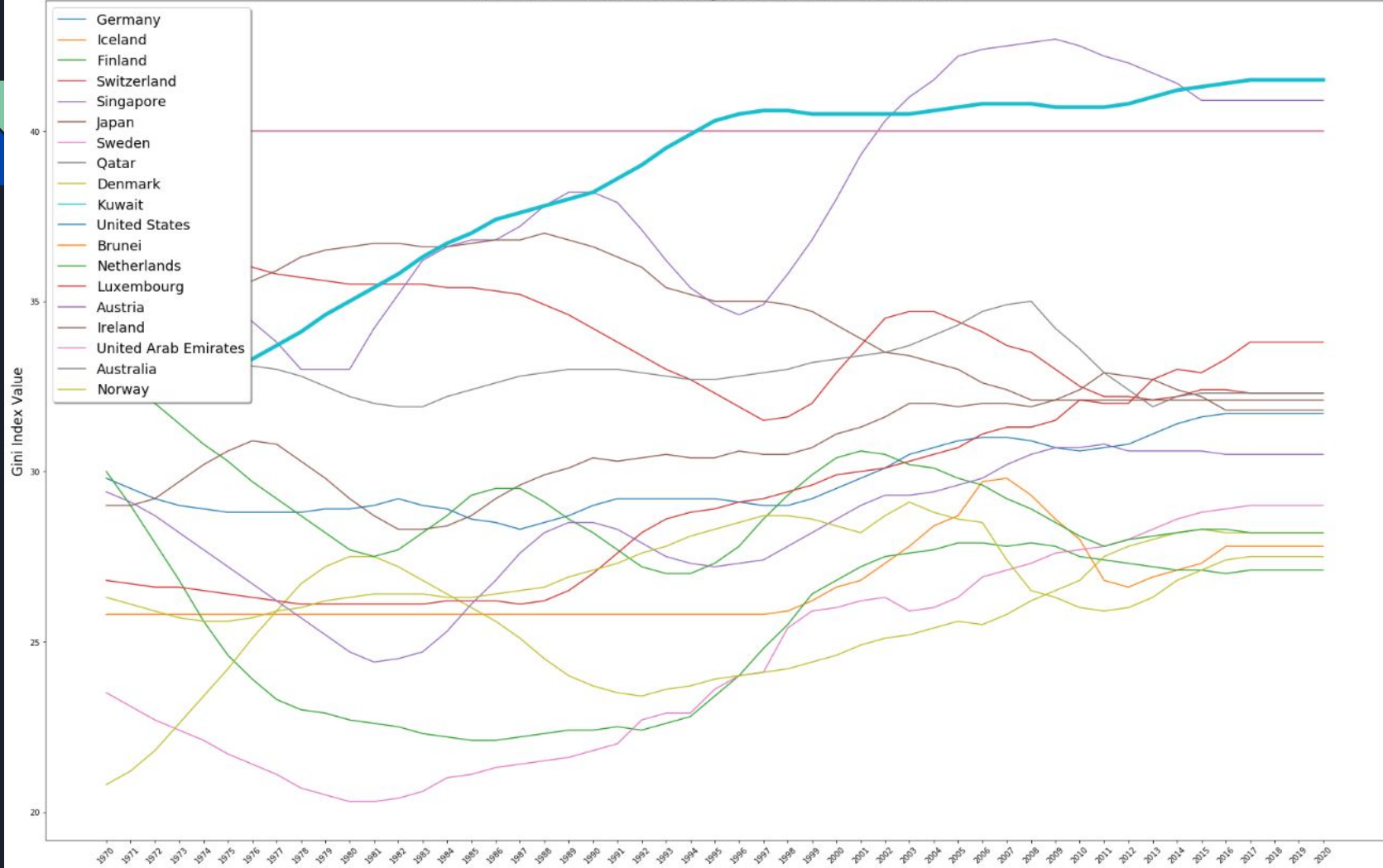


US Gini Ind. by year

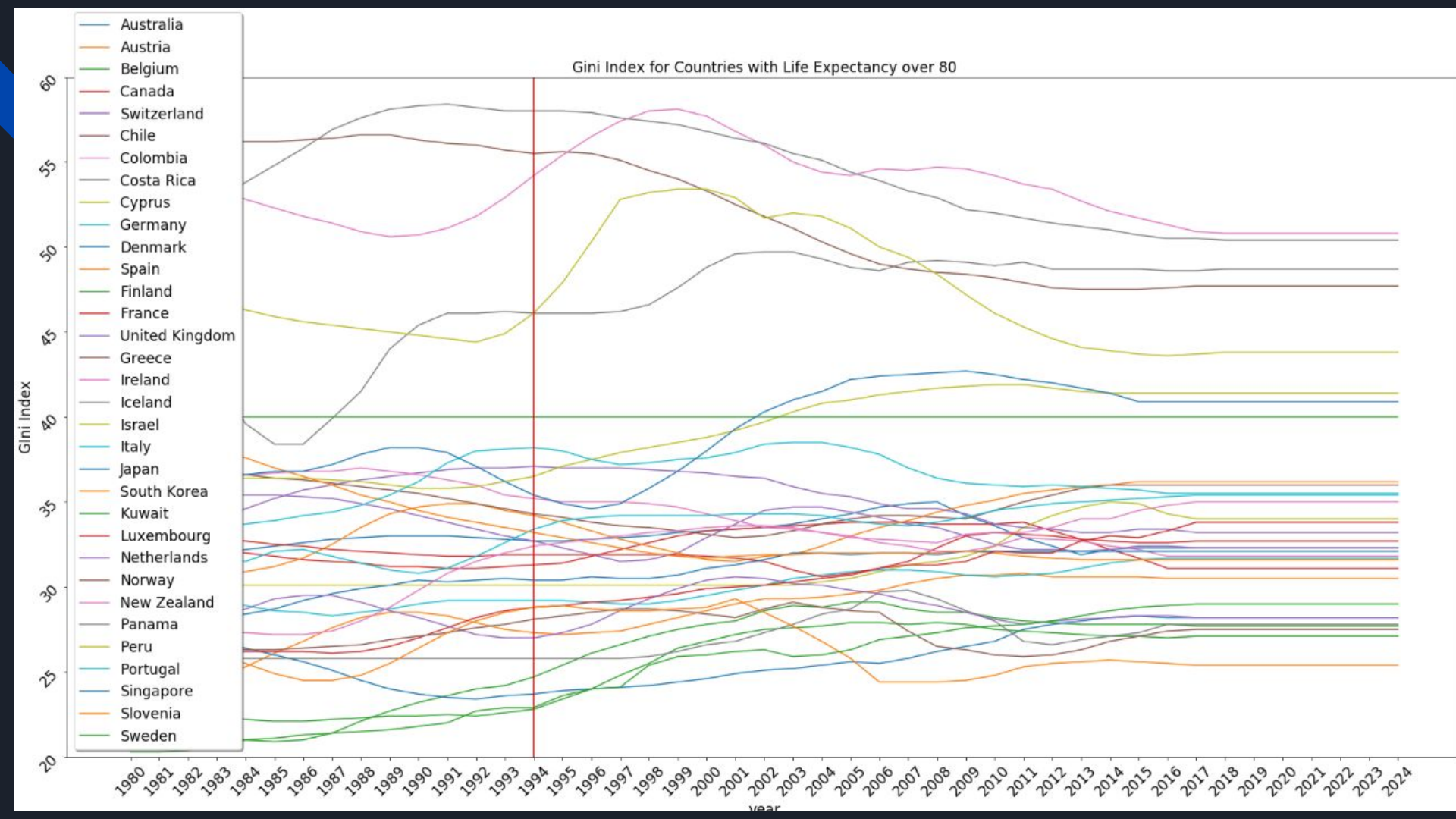
| | |
|------|------|
| 1978 | 34.1 |
| 1979 | 34.6 |
| 1980 | 35.0 |
| 1981 | 35.4 |
| 1982 | 35.8 |
| 1983 | 36.3 |
| 1984 | 36.7 |
| 1985 | 37.0 |
| 1986 | 37.4 |
| 1987 | 37.6 |
| 1988 | 37.8 |
| 1989 | 38.0 |
| 1990 | 38.2 |
| 1991 | 38.6 |
| 1992 | 39.0 |
| 1993 | 39.5 |
| 1994 | 39.9 |
| 1995 | 40.3 |
| 1996 | 40.5 |
| 1997 | 40.6 |
| 1998 | 40.6 |
| 1999 | 40.5 |
| 2000 | 40.5 |
| 2001 | 40.5 |
| 2002 | 40.5 |
| 2003 | 40.5 |
| 2004 | 40.6 |
| 2005 | 40.7 |
| 2006 | 40.8 |
| 2007 | 40.8 |
| 2008 | 40.8 |
| 2009 | 40.7 |
| 2010 | 40.7 |
| 2011 | 40.7 |
| 2012 | 40.8 |
| 2013 | 41.0 |
| 2014 | 41.2 |
| 2015 | 41.3 |
| 2016 | 41.4 |
| 2017 | 41.5 |
| 2018 | 41.5 |
| 2019 | 41.5 |
| 2020 | 41.5 |
| 2021 | 41.5 |
| 2022 | 41.5 |
| 2023 | 41.5 |



Gini Index Values Over Time Among Select Countries (1970 to Present)

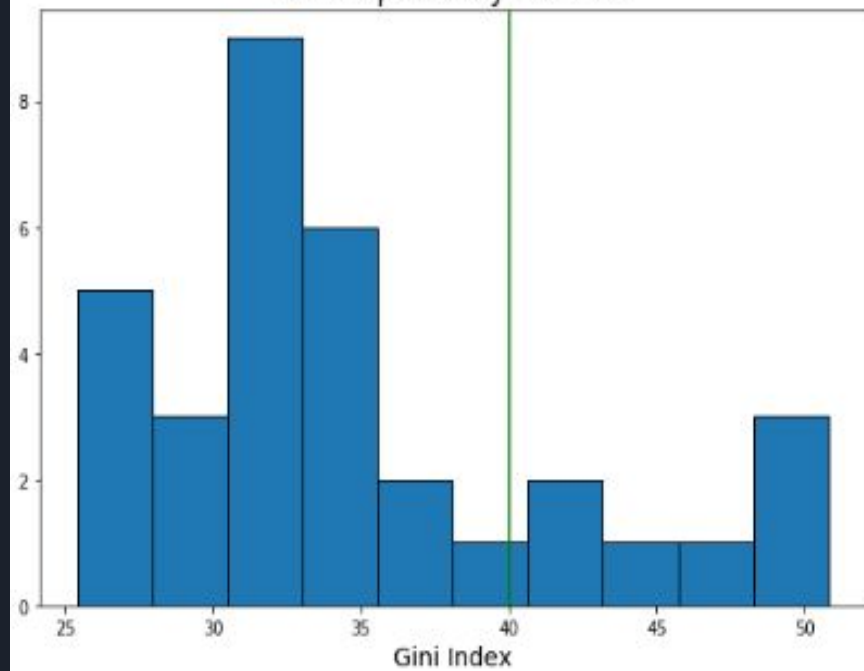


Gini Index for Countries with Life Expectancy over 80

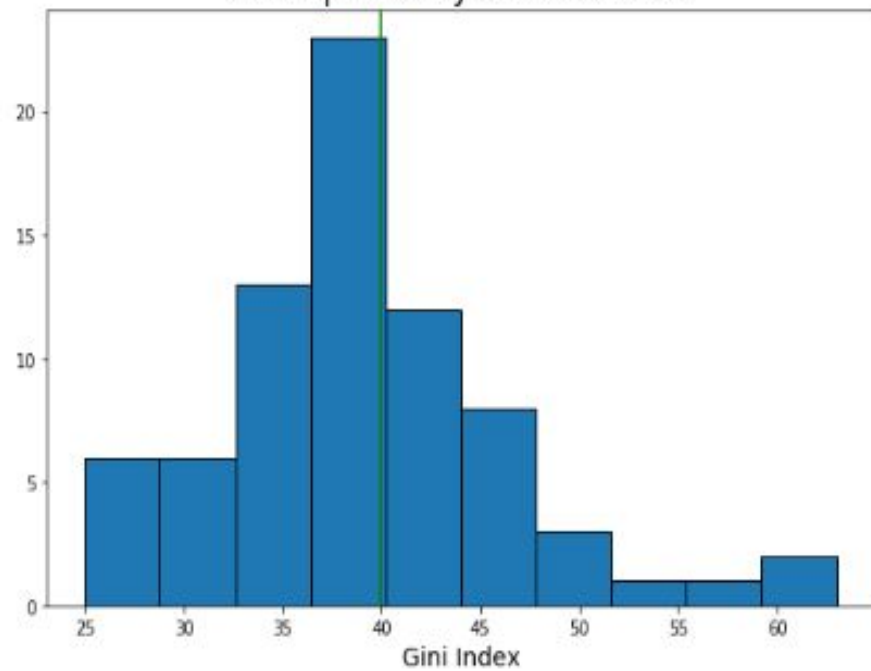


Comparison of life expectancy against Gini Index

Life Expectancy over 80

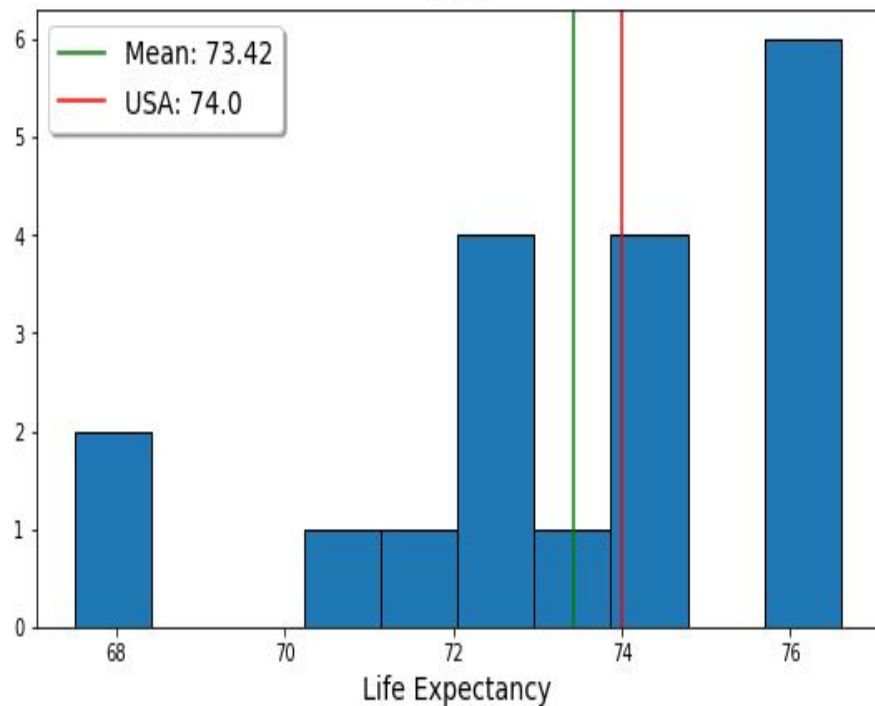


Life expectancy between 65-80

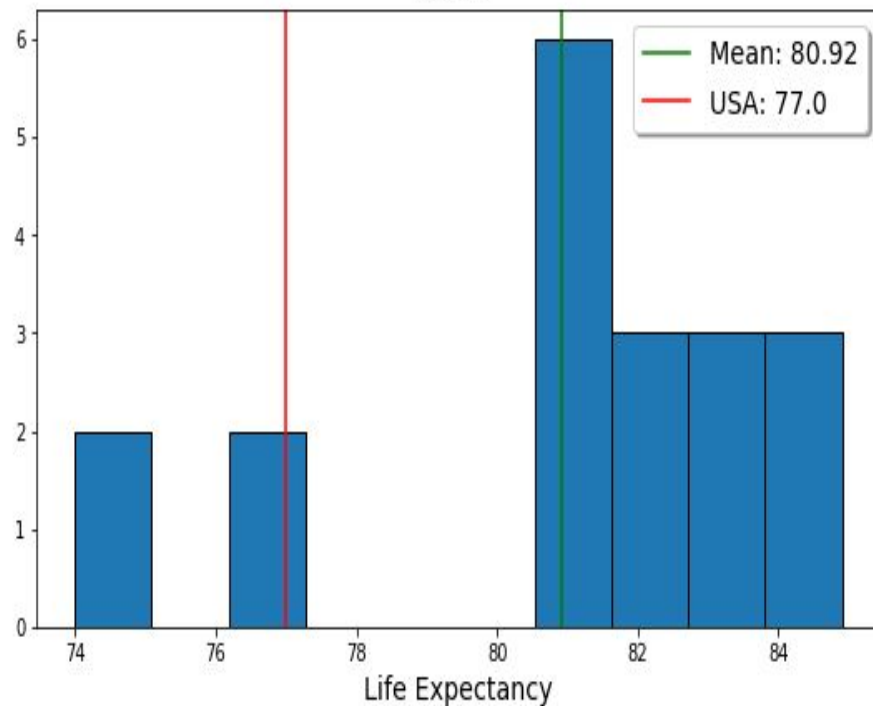


Life Expectancy Across Select Countries

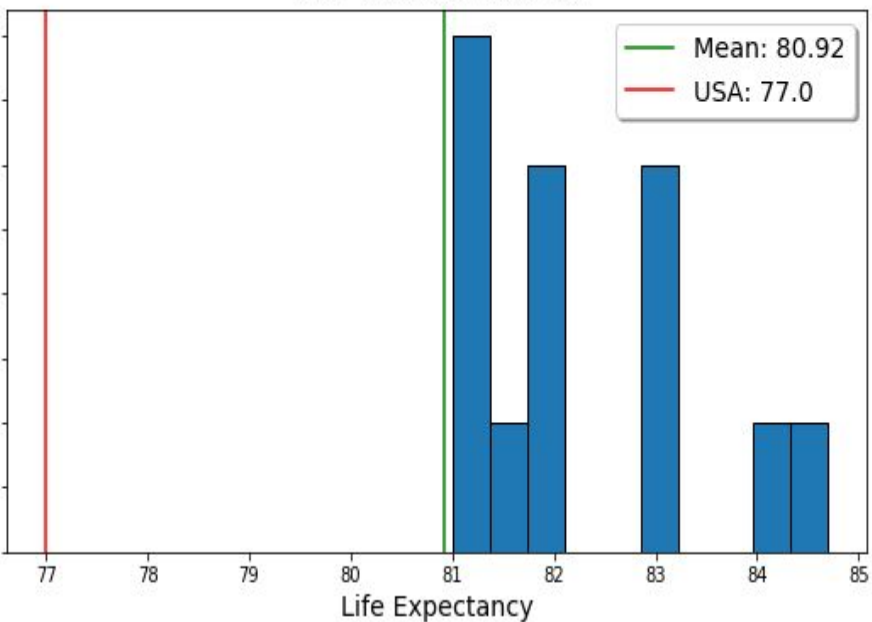
1980



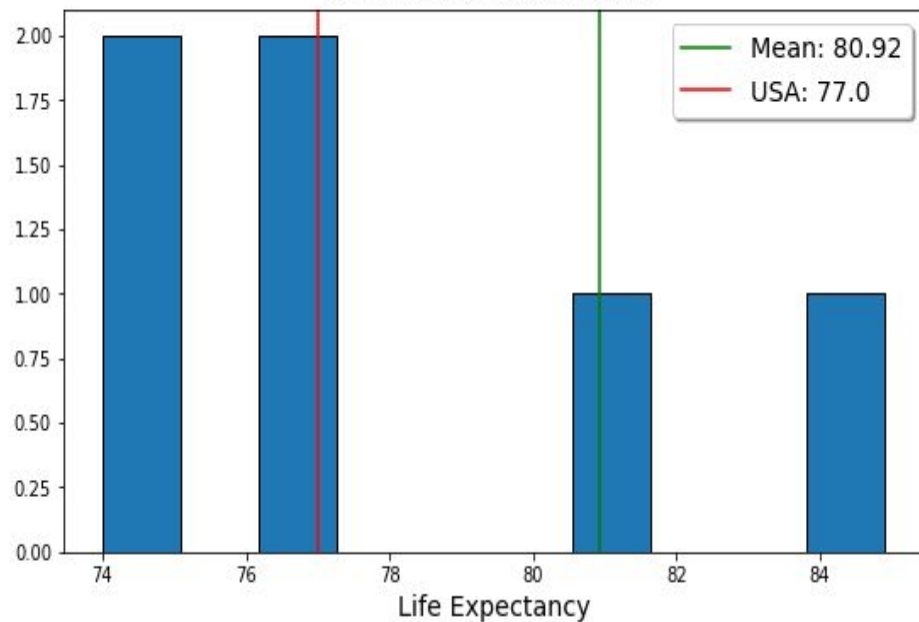
2020

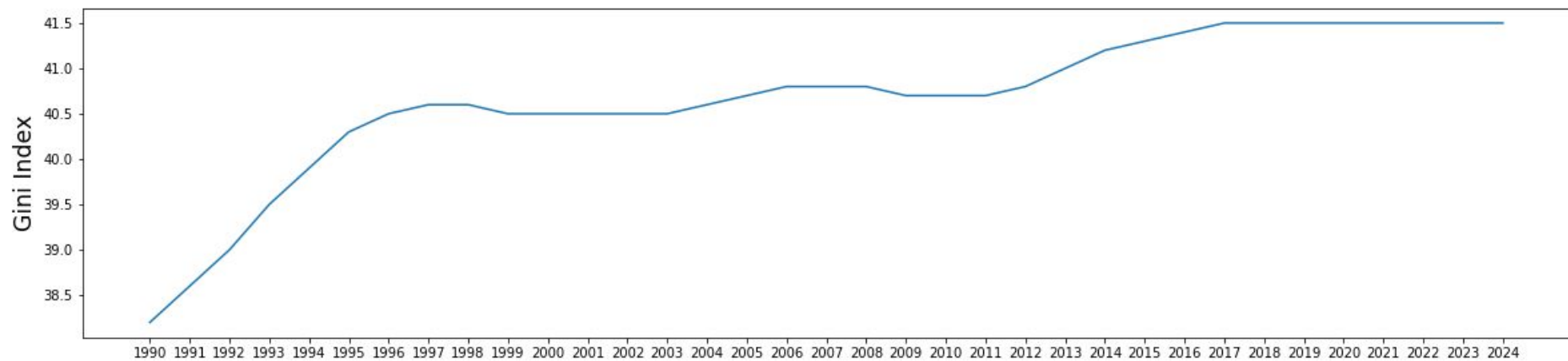
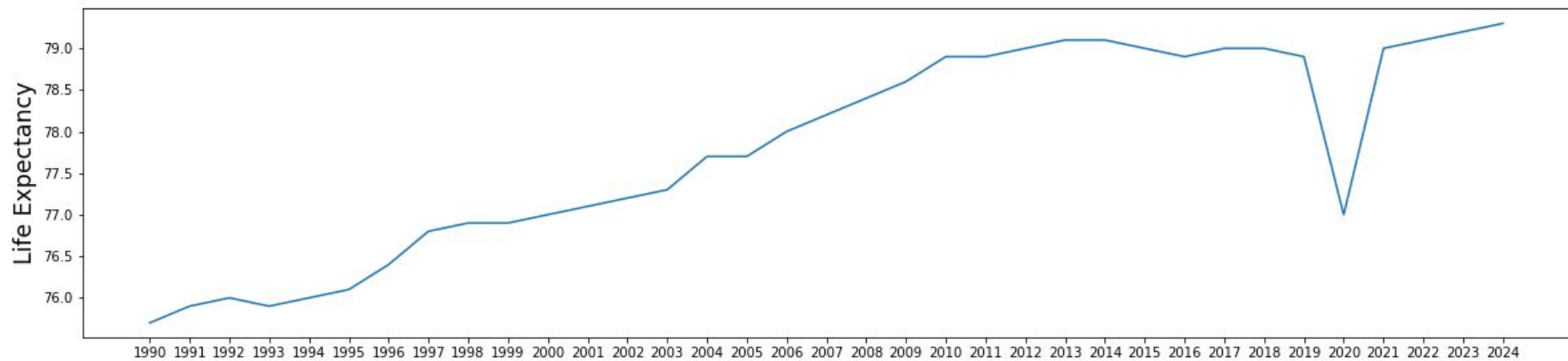


Gini Index Under 40 Life Expectancy of Select Countries in 2020



Gini Index 40 and Over







Conclusions and recommendations

The US has a wealth inequality problem that is significantly impacting the life expectancy of its citizens

As long as the Gini Index remains high, the majority of US Americans will suffer and will continue to under perform among other countries.

To correct this we must redistribute wealth

- a. Option A: Eat the rich (doesn't fix the problem, complex inheritance laws, kuru/prion disease)
- b. Option B: Tax wealthy individuals and corporations at higher rates to be redistributed among the masses, set earning caps for uberwealthy, use the new excess to provide services like UBI and healthcare