

# Demography: Slowly Changing The Realm of the Possible around the World

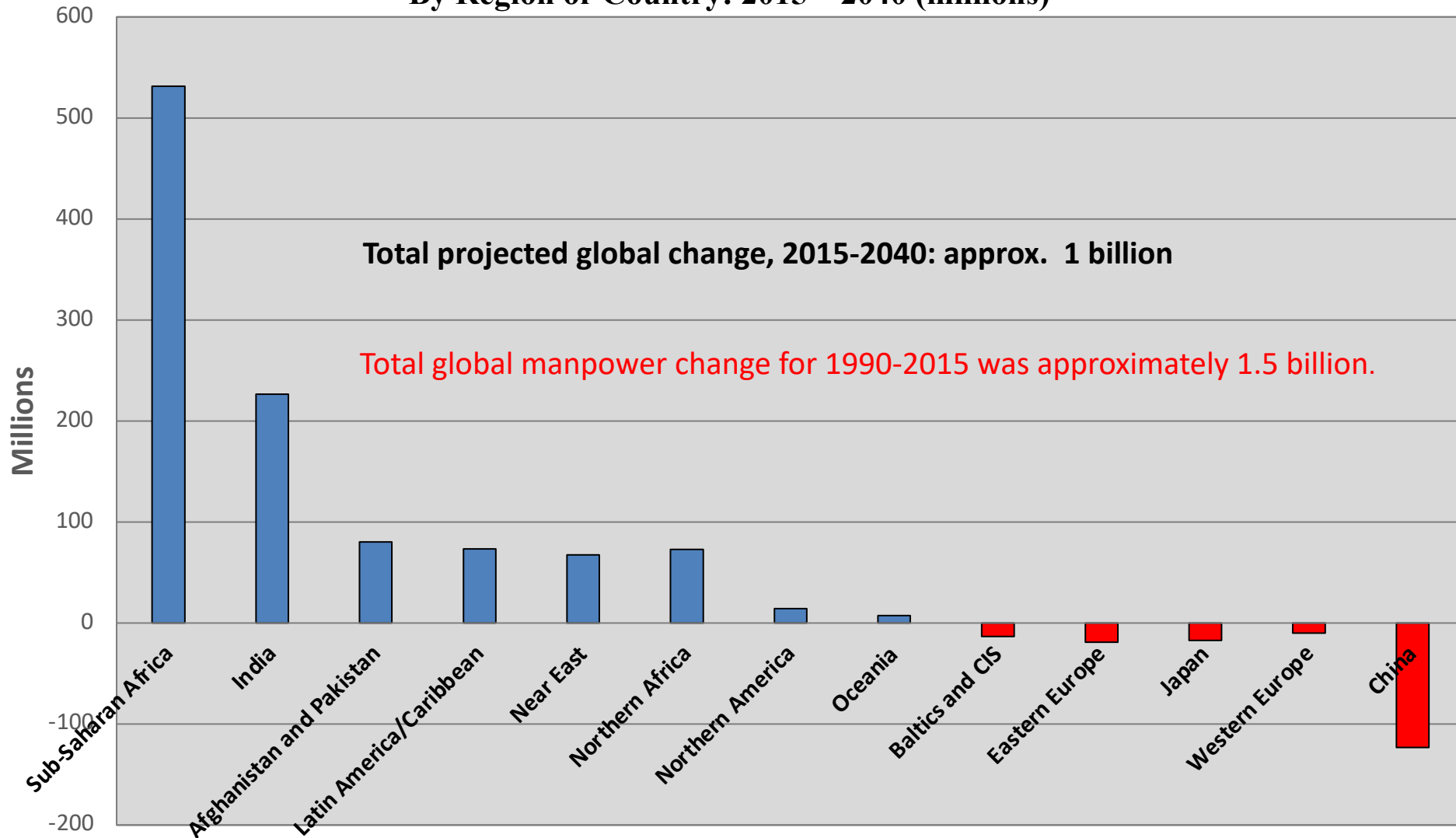
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Customer Strategy Alliance  
Dasteel Consulting  
August 23, 2021

# Not Your Father's World Labor Force

Total Projected Growth of Working Age Population (15-64)

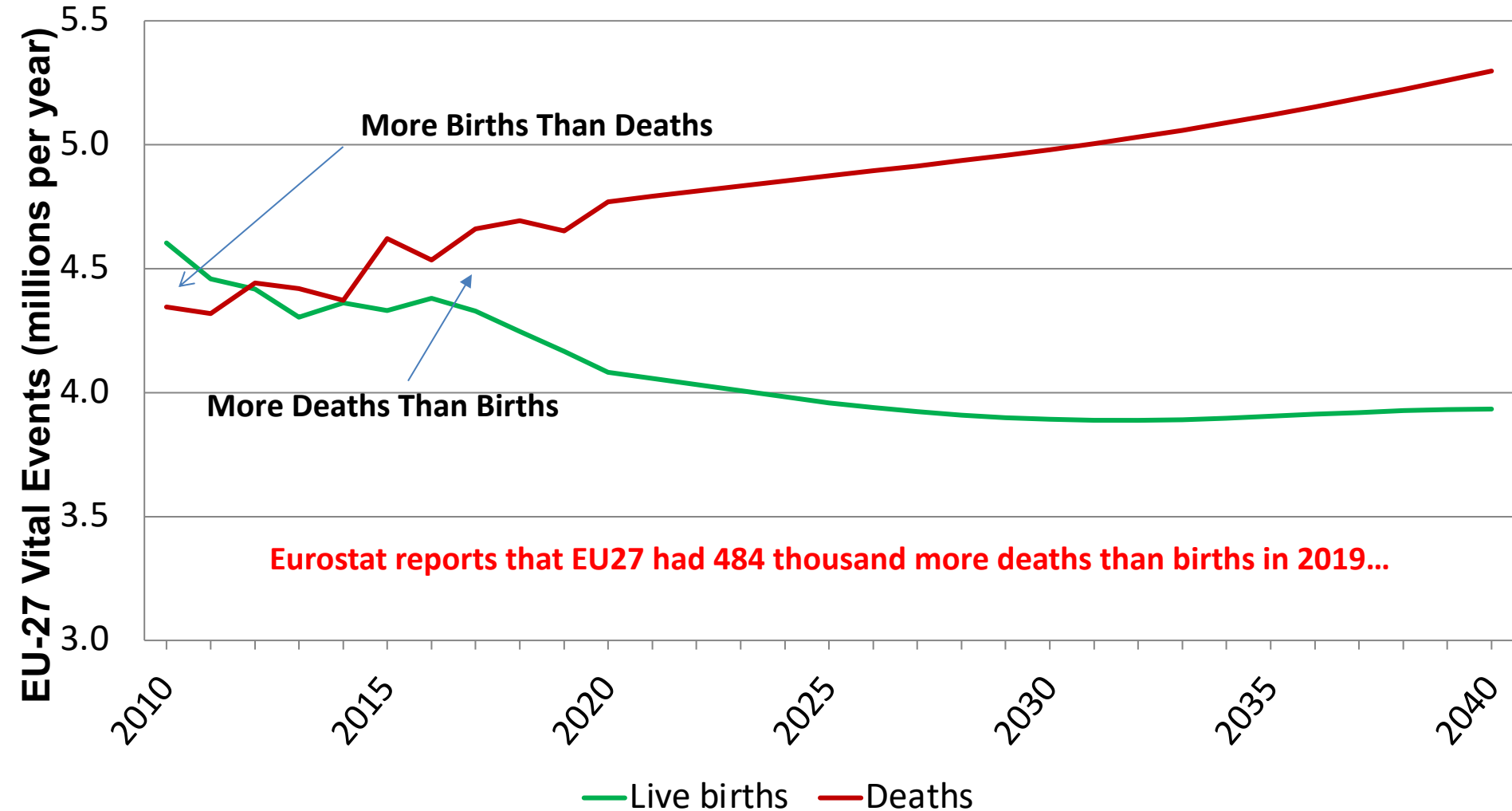
By Region or Country: 2015 – 2040 (millions)



Sources: United Nations, World Population Prospects 2019,, Accessed June 21, 2021.  
Medium fertility variant used for 2040 projection

# Europe: A Net-Mortality Zone Now And Tomorrow

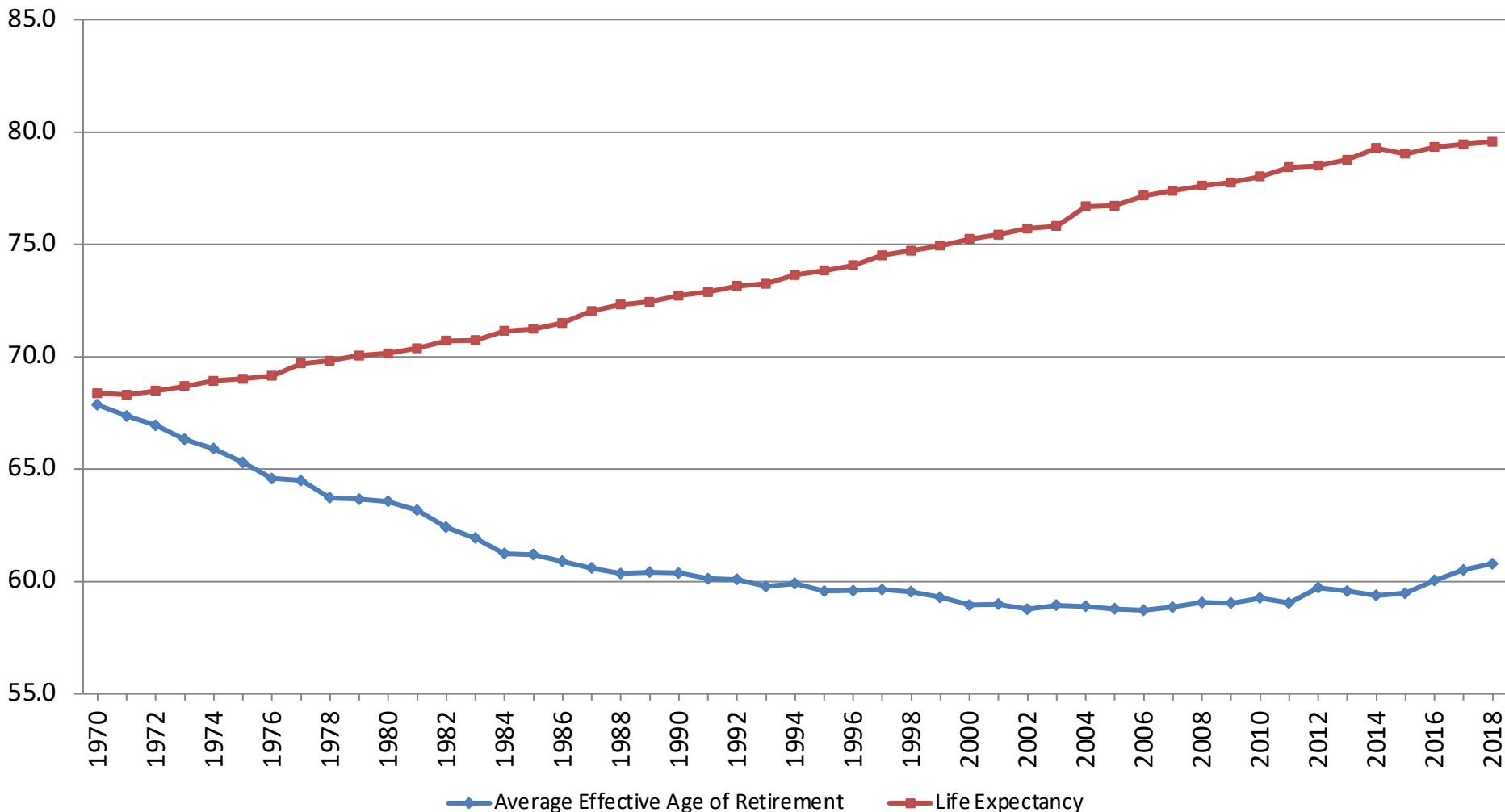
## Actual And Projected Births vs. Deaths, 2010-2040 EU-27 Countries (Eurostat Projections)



Sources: 2010-2019 data: Eurostat, "Demographic balance and crude rates "; 2020-2040 data: Eurostat, "EUROPOP2019 – Population projections at national level," available at: <https://ec.europa.eu/eurostat/databrowser>, accessed on June 22, 2021

# Don't Try This At Home, Kids

## Life Expectancy vs. Average Age of Retirement: Males, France, 1970-2018 (years)



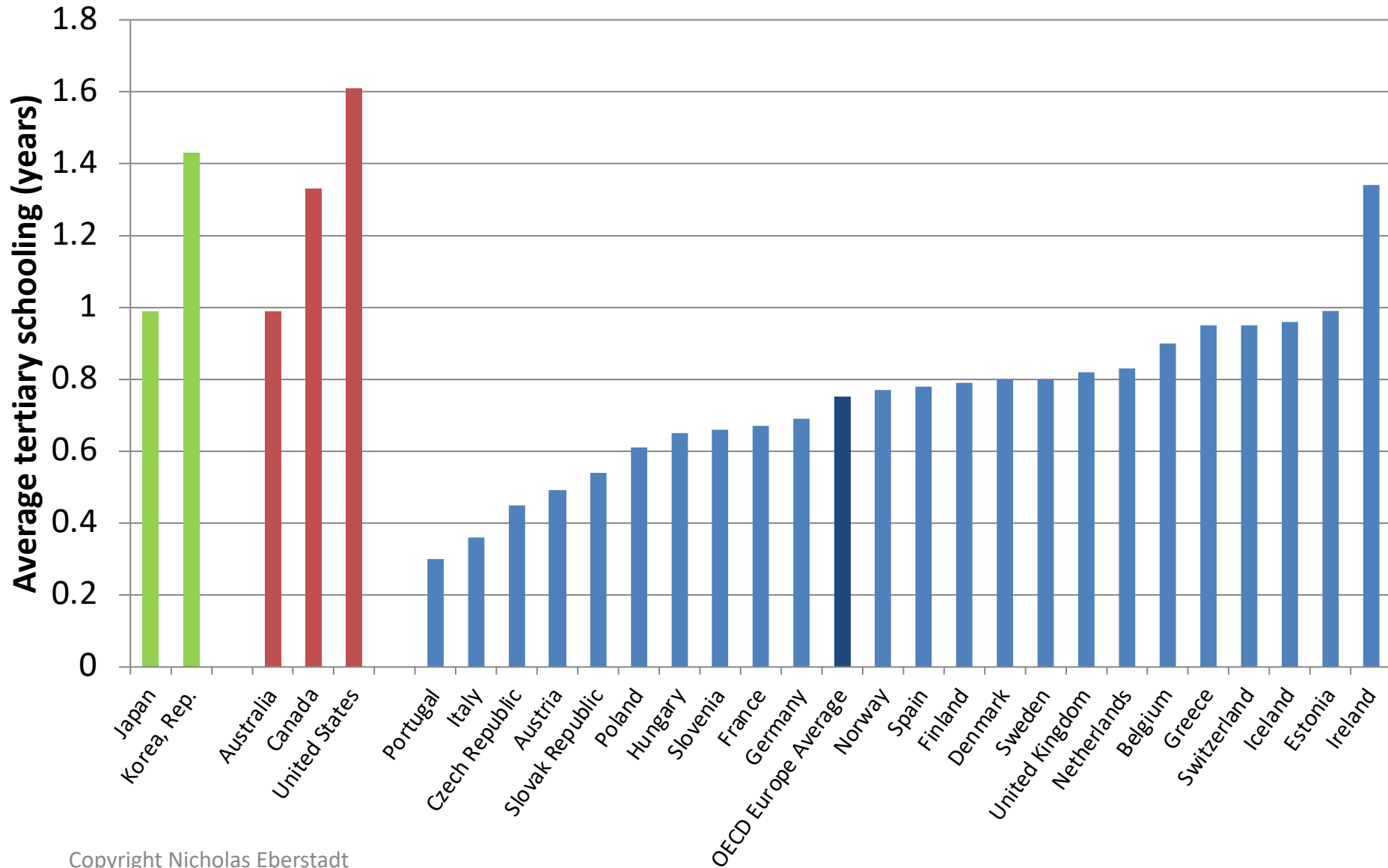
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Sources: Average age of retirement data from "Average effective age of retirement in 1970-2018 in OECD countries," <https://www.oecd.org/els/emp/average-effective-age-of-retirement.htm>. Accessed June 22, 2021.

Human Mortality Database. University of California, Berkeley (USA), and Max Planck Institute for Demographic Research (Germany). Available at [www.mortality.org](http://www.mortality.org) (data downloaded on June 21, 2021).

# Under-colleged Europe

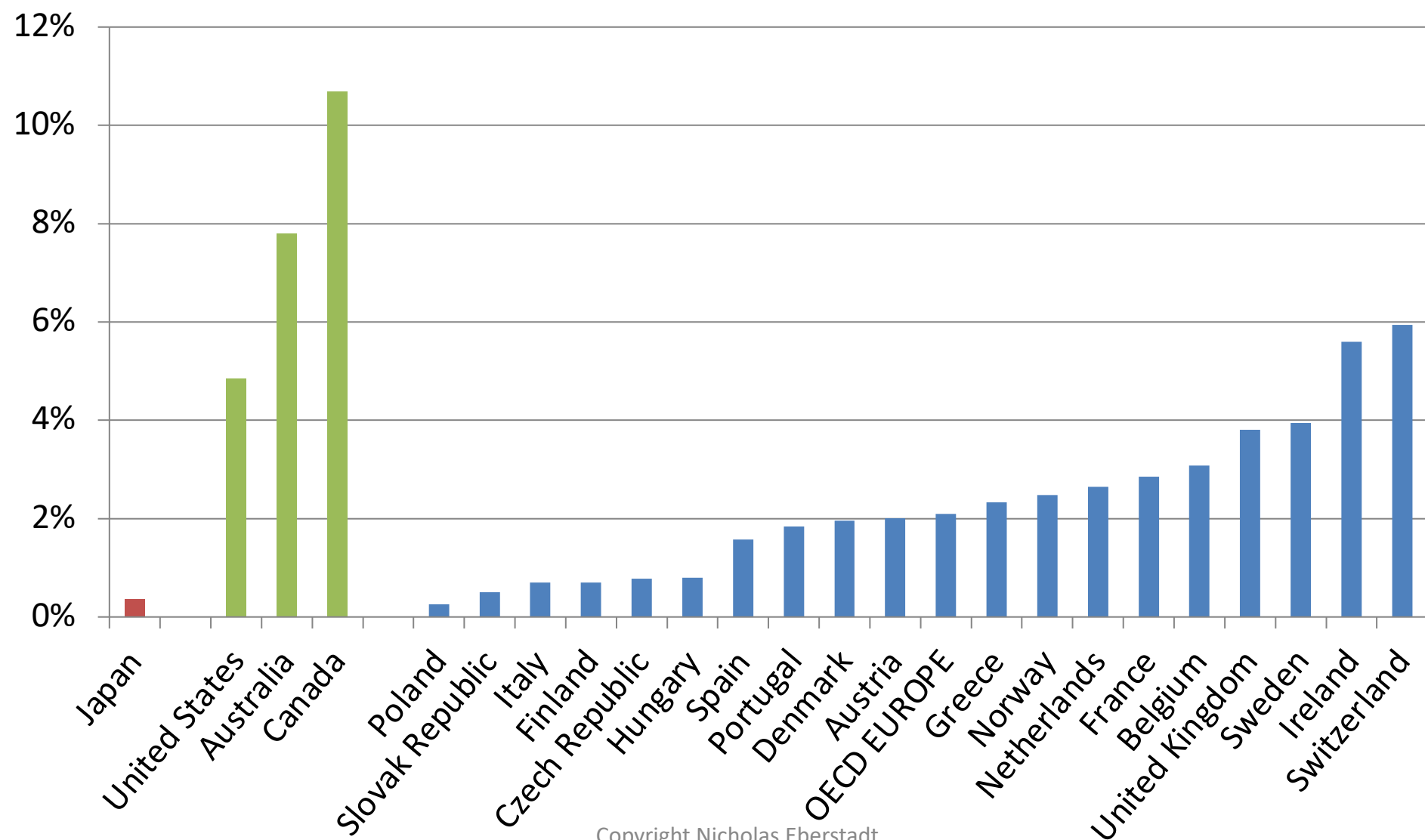
Average years of tertiary schooling, age 15+: OECD countries by region, 2010



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# Can You Spot The Talent Magnets?

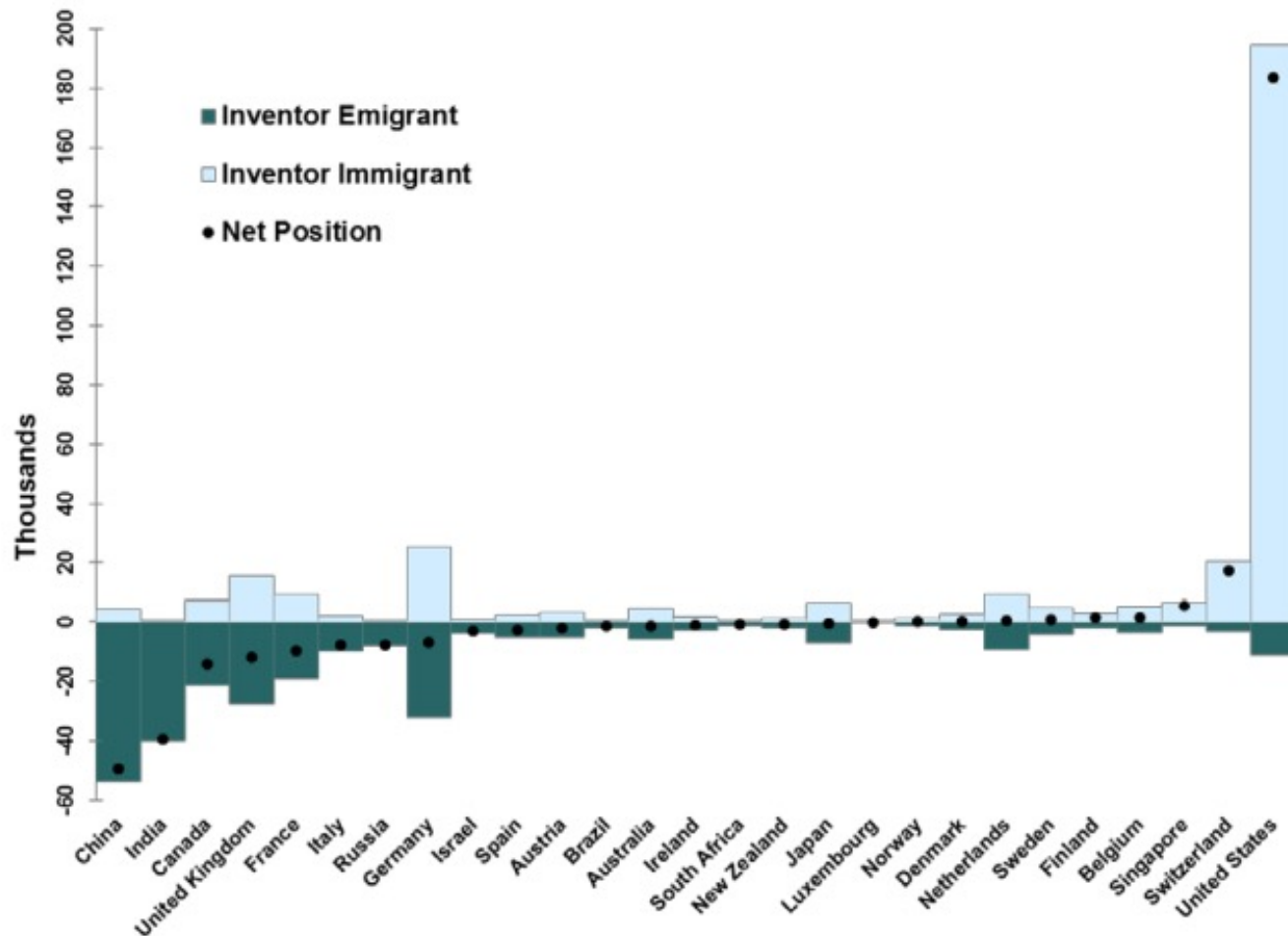
Foreign born with tertiary education as a percentage of total 25-64 population:  
Selected OECD countries, c. 2000



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# Can You Spot The Talent Magnets? (cont)

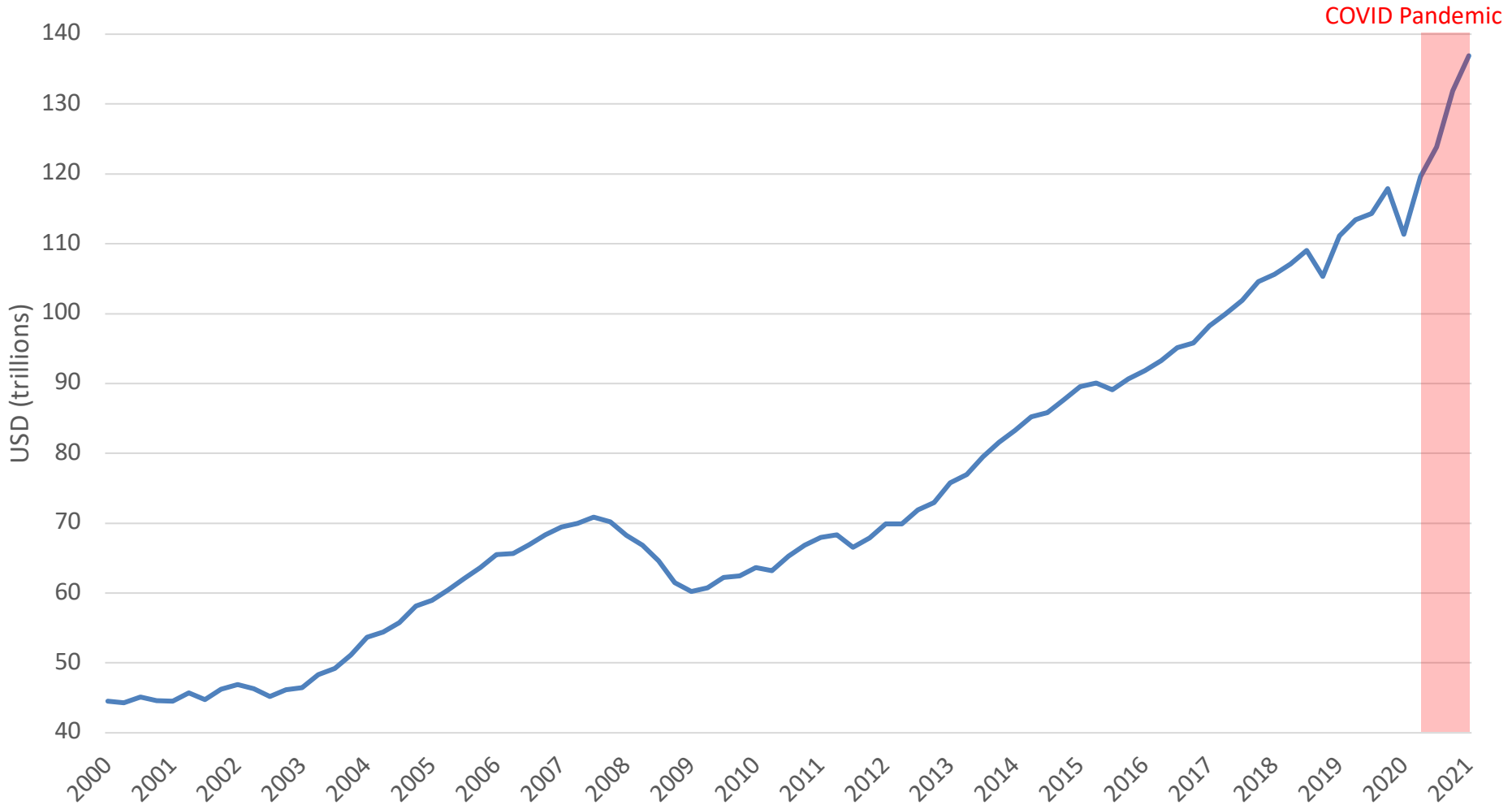
World Intellectual Property Organization Migration of Investors  
2000-2010



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# 21<sup>st</sup> Century America: The Boom...

USA: Households and Nonprofit Net Worth, quarterly,  
2000- January 2021 (trillions of current US dollars)



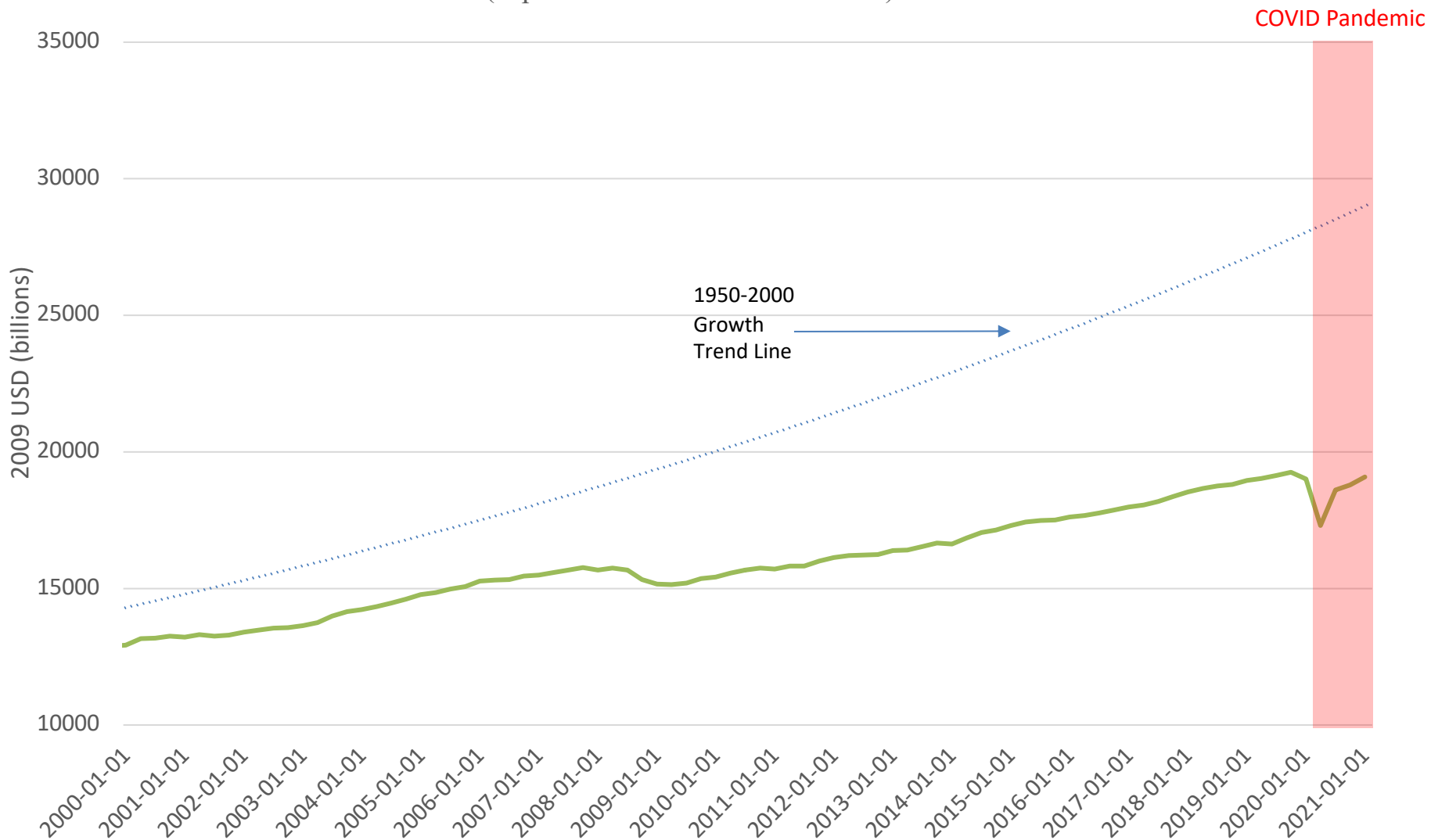
Sources: Federal Reserve Bank of St. Louis, *FRED Economic Data*, "Households and nonprofit Organizations; net worth, level," <https://fred.stlouisfed.org/series/TNWBSHNO>, July 13, 2021

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# The Big Slowdown...

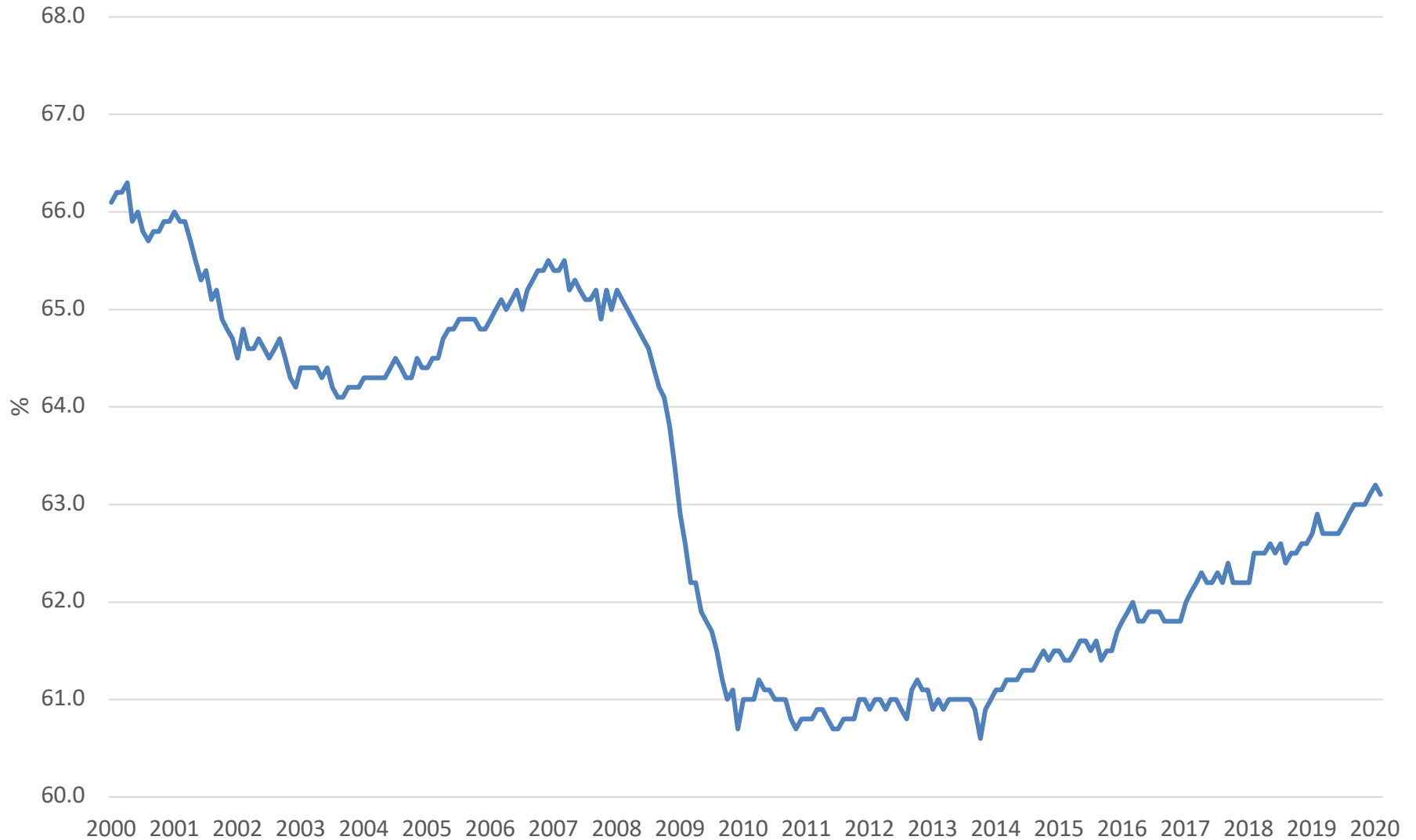
Real (2009 USD) GDP, quarterly, Jan 2000- Jan 2021  
(exponential trend-line 1950-2000)



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# ...And The Crash

Employment to Population Ratio for 20+ Population: USA, Jan 2000- Jan 2020  
(seasonally adjusted)



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# Male Fail

Employment to Population Ratio, US Males, selected age groups:  
1948- July 2021 (seasonally adjusted)

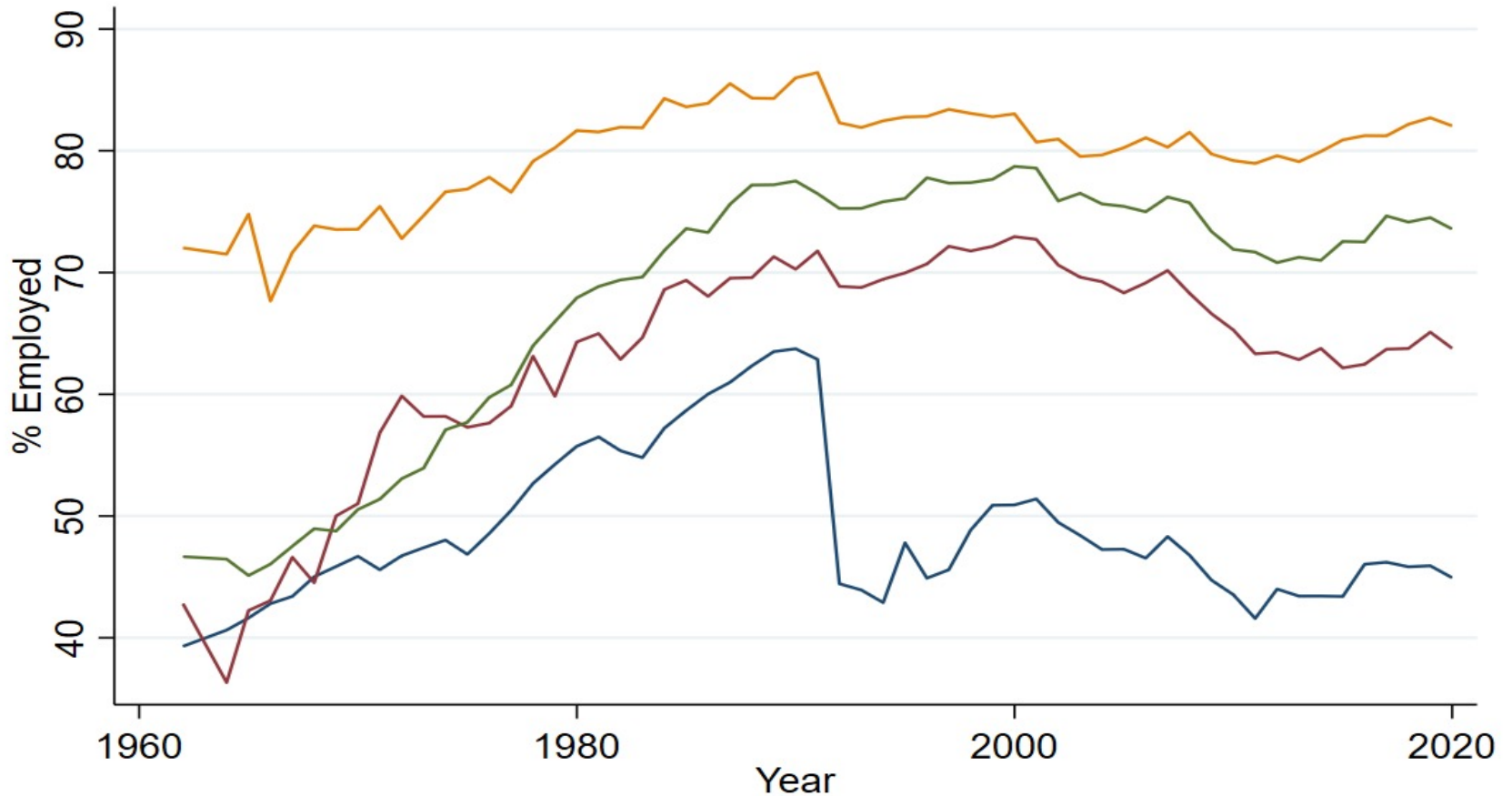


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# Can't Pick Up All The Guys' Slack

## Prime-Age Employment Rate

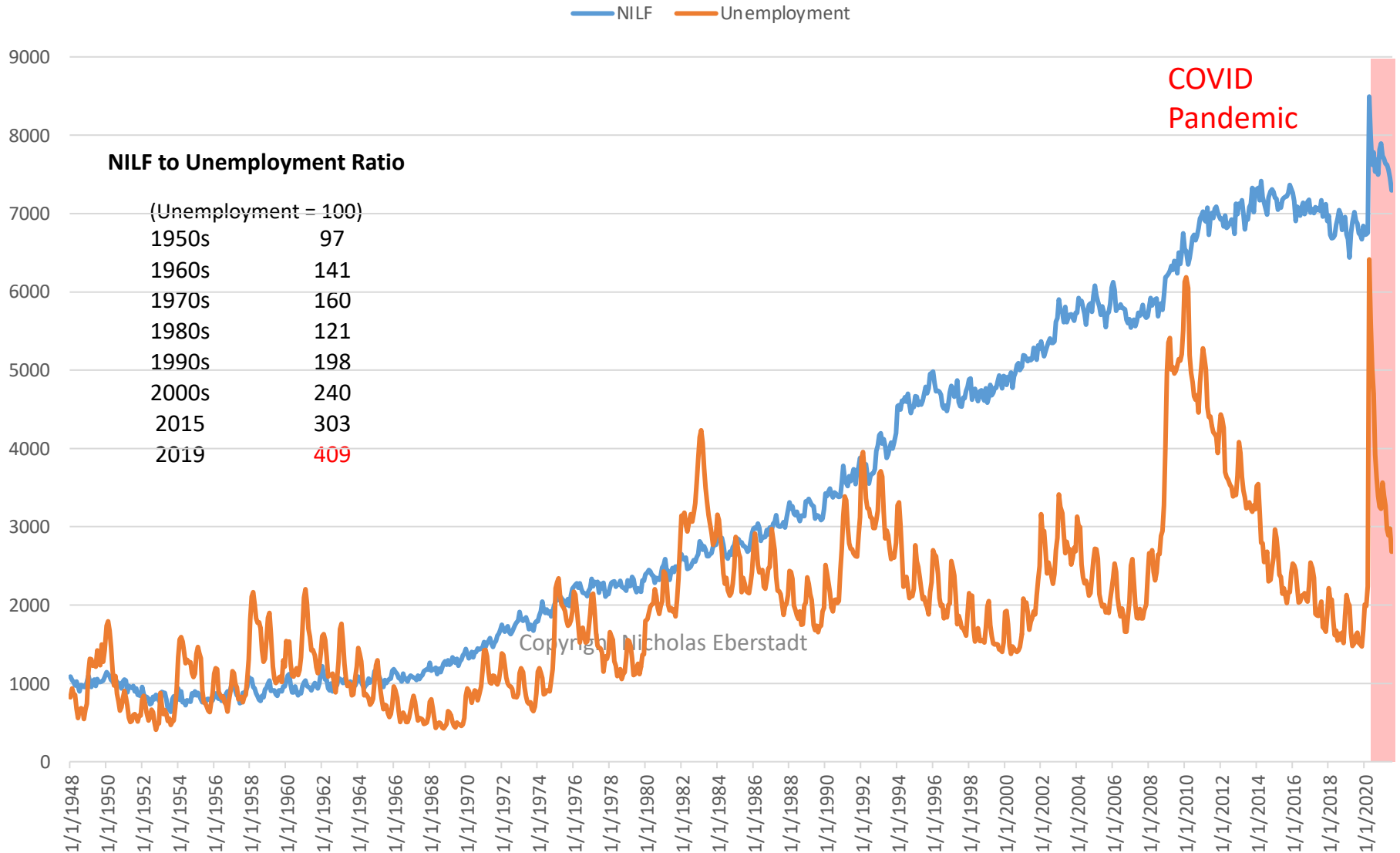
US Females by Education, Ages 25-54, 1962-2020



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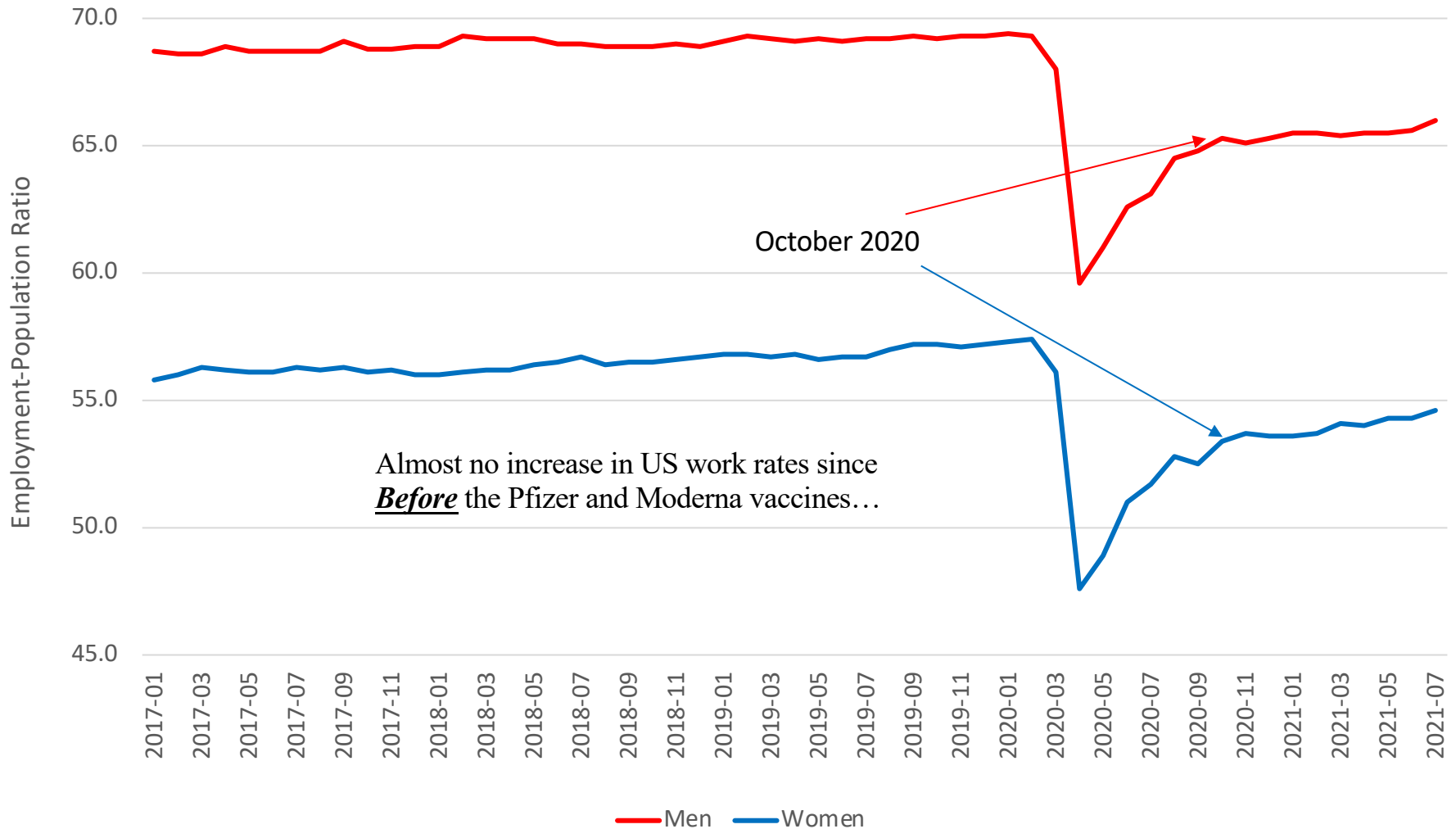
# The Great Postwar “Flight From Work” by Men

US Male 25-54 Unemployed vs. Not In Labor Force (NILF) :  
Jan 1948- July 2021 (In 000s; Seasonally unadjusted monthly data)



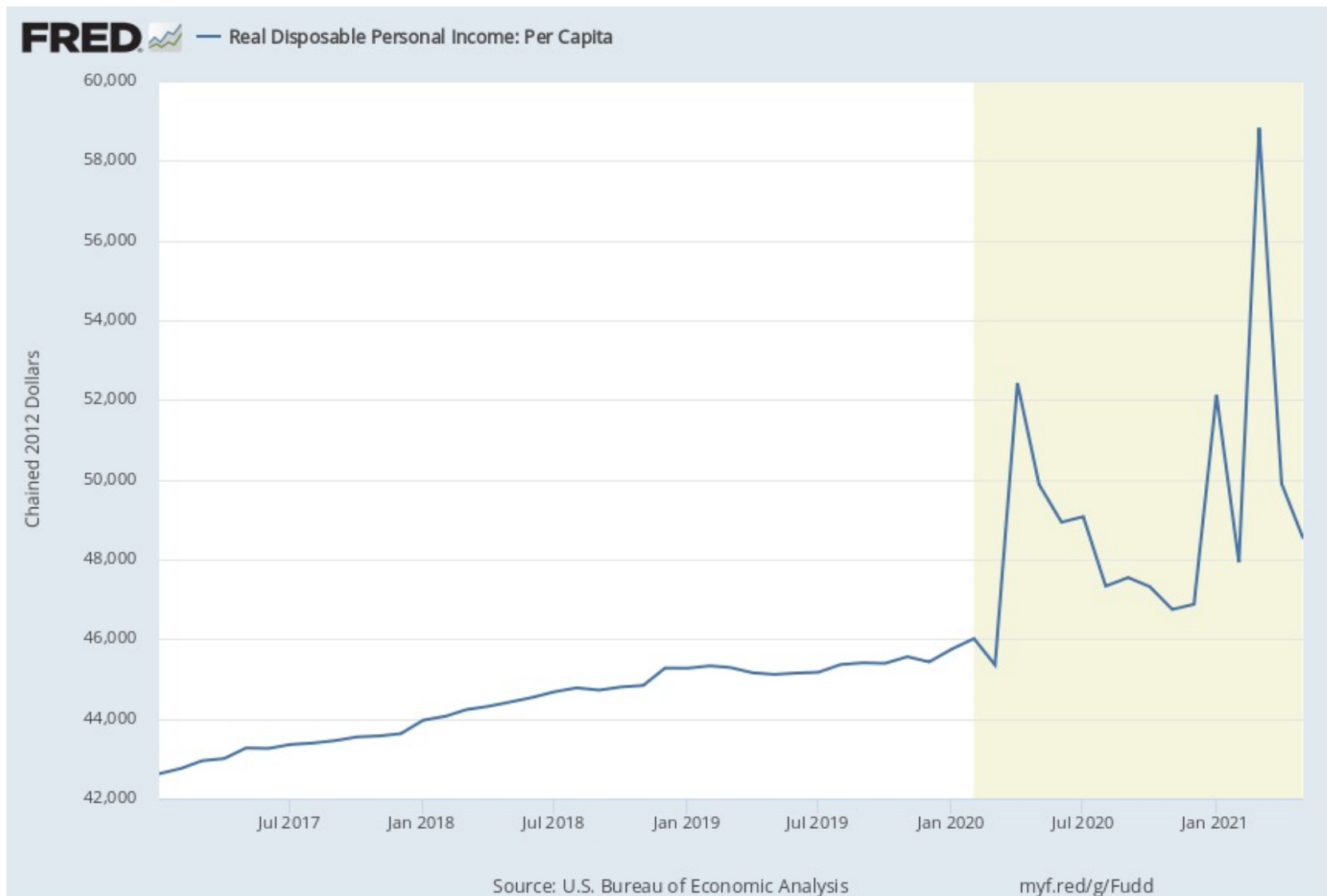
# What Is Stalling The Employment Snapback?

Work Rates For Men and Women 20+: USA January 2017-July 2021



# Voting Ourselves Rich

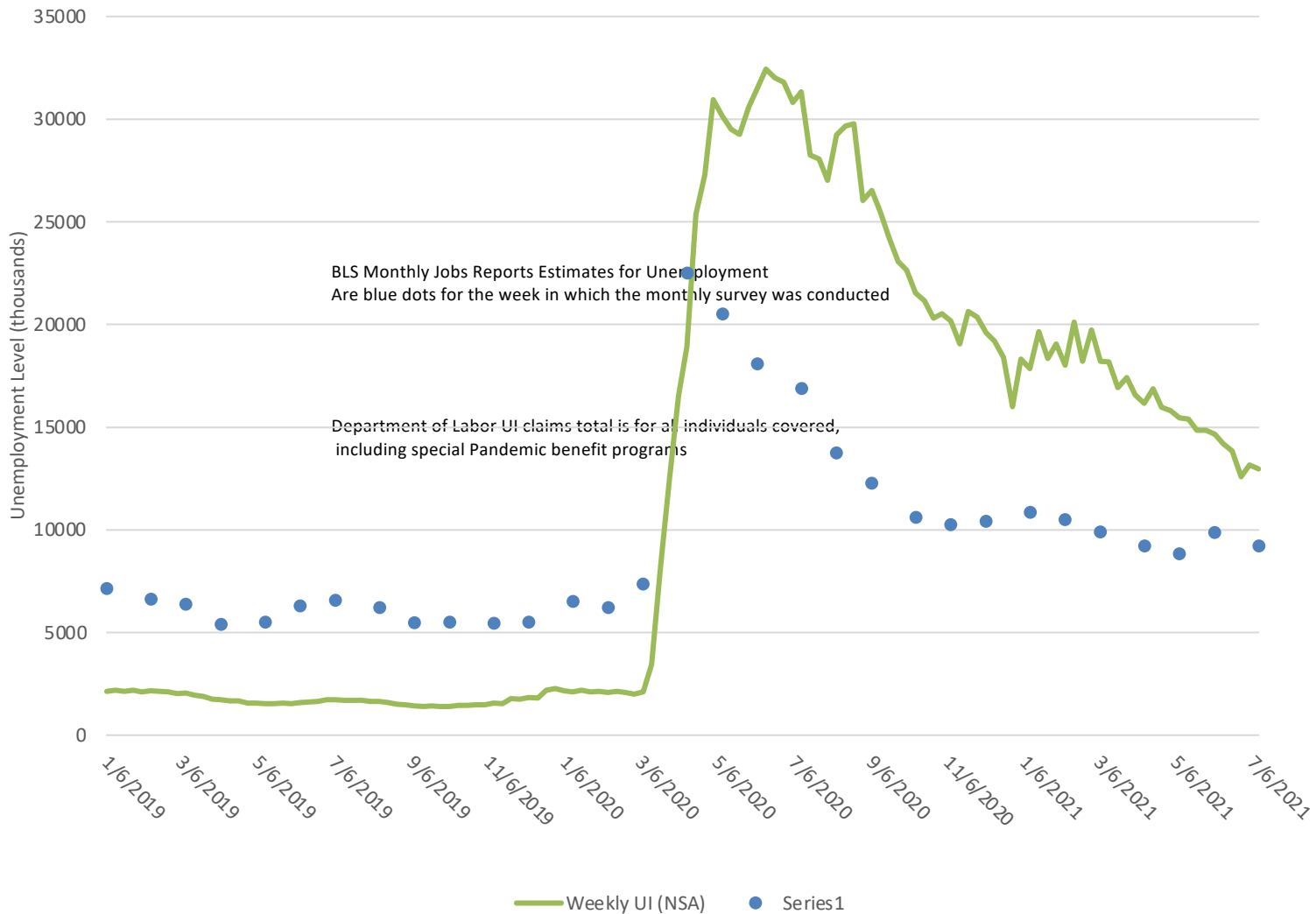
Real Disposable Per Capita Income: USA, January 2017-May 2021



# You Don't Have To Be Unemployed To Get UI Benefits

## BLS Monthly Unemployment Totals vs. DOL Total Weekly UI Beneficiaries

(Not seasonally adjusted) USA: January 2019 – July 2021

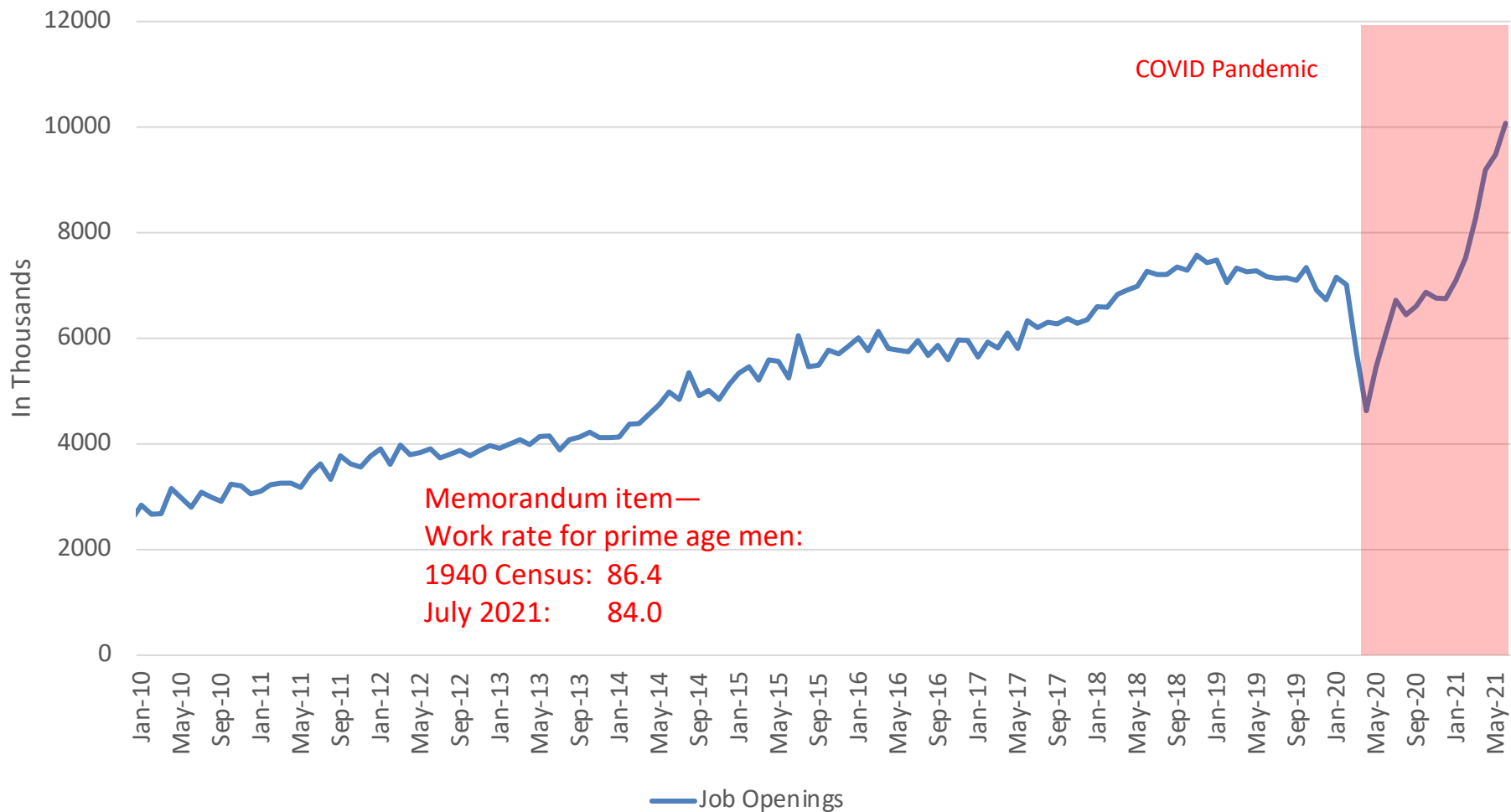


U.S. Bureau of Labor Statistics, Unemployment Level [LNU03000000], retrieved from FRED, Federal Reserve Bank of St. Louis; <https://fred.stlouisfed.org/series/LNU03000000>, July 2, 2021; and Department of Labor, “Unemployment Insurance Weekly Claims,” accessed July 2, 2021, <https://www.dol.gov/ui/data.pdf>.



# Work Without Men

## Unfilled US Job Openings: Jan 2010 to June 2021



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