

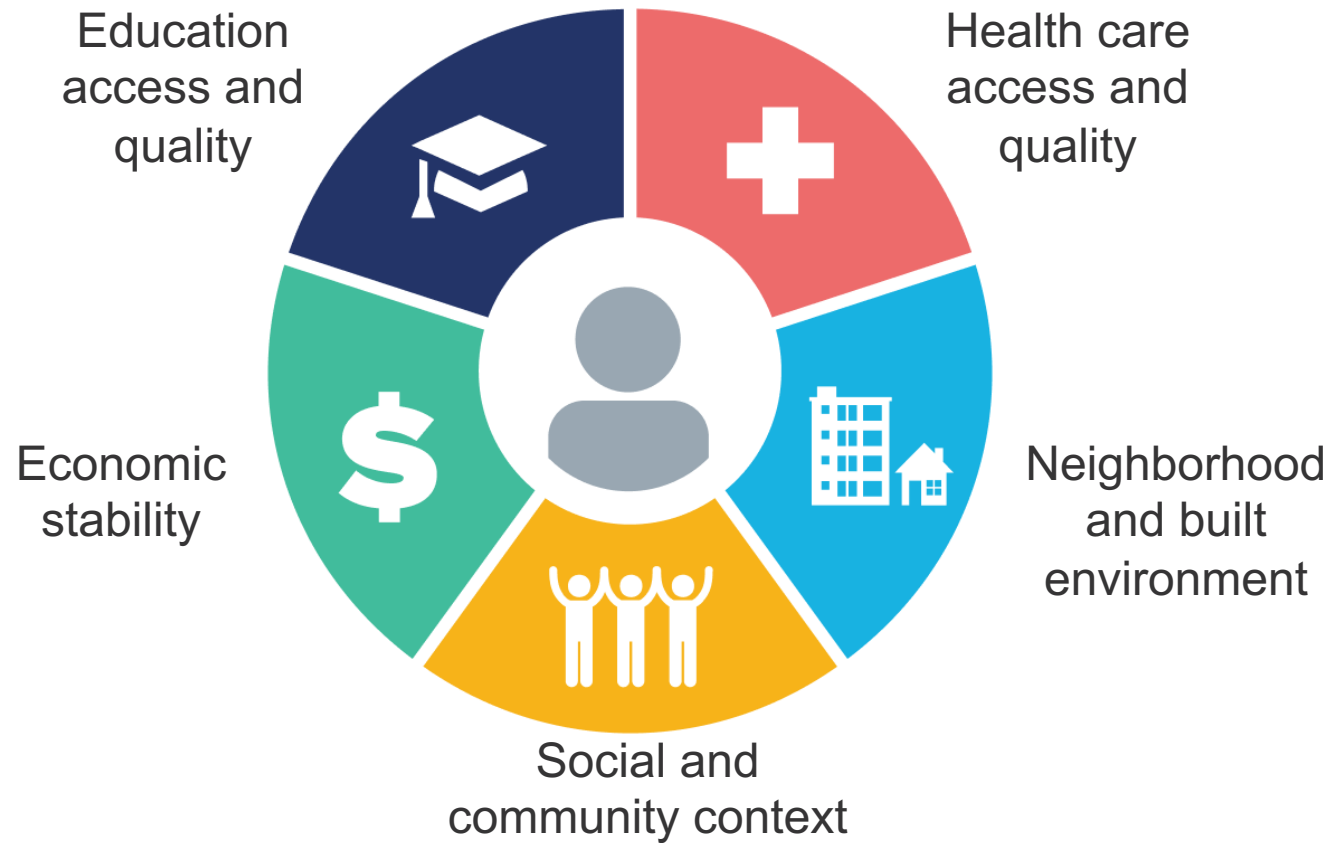


# The Influence of Generational Poverty on Health and Well-Being



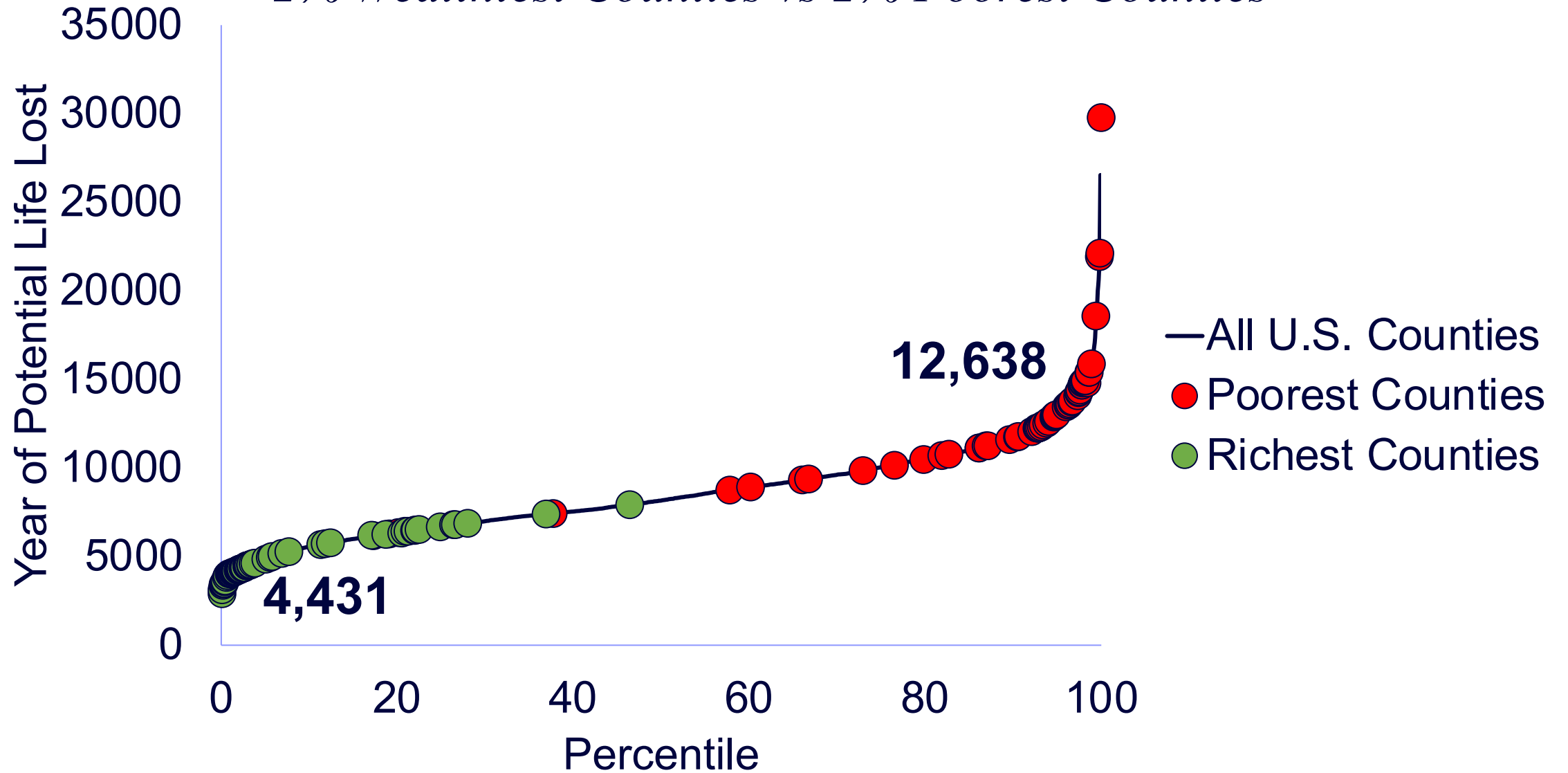
# Social Determinants (Drivers) of Health

## Social Determinants of Health



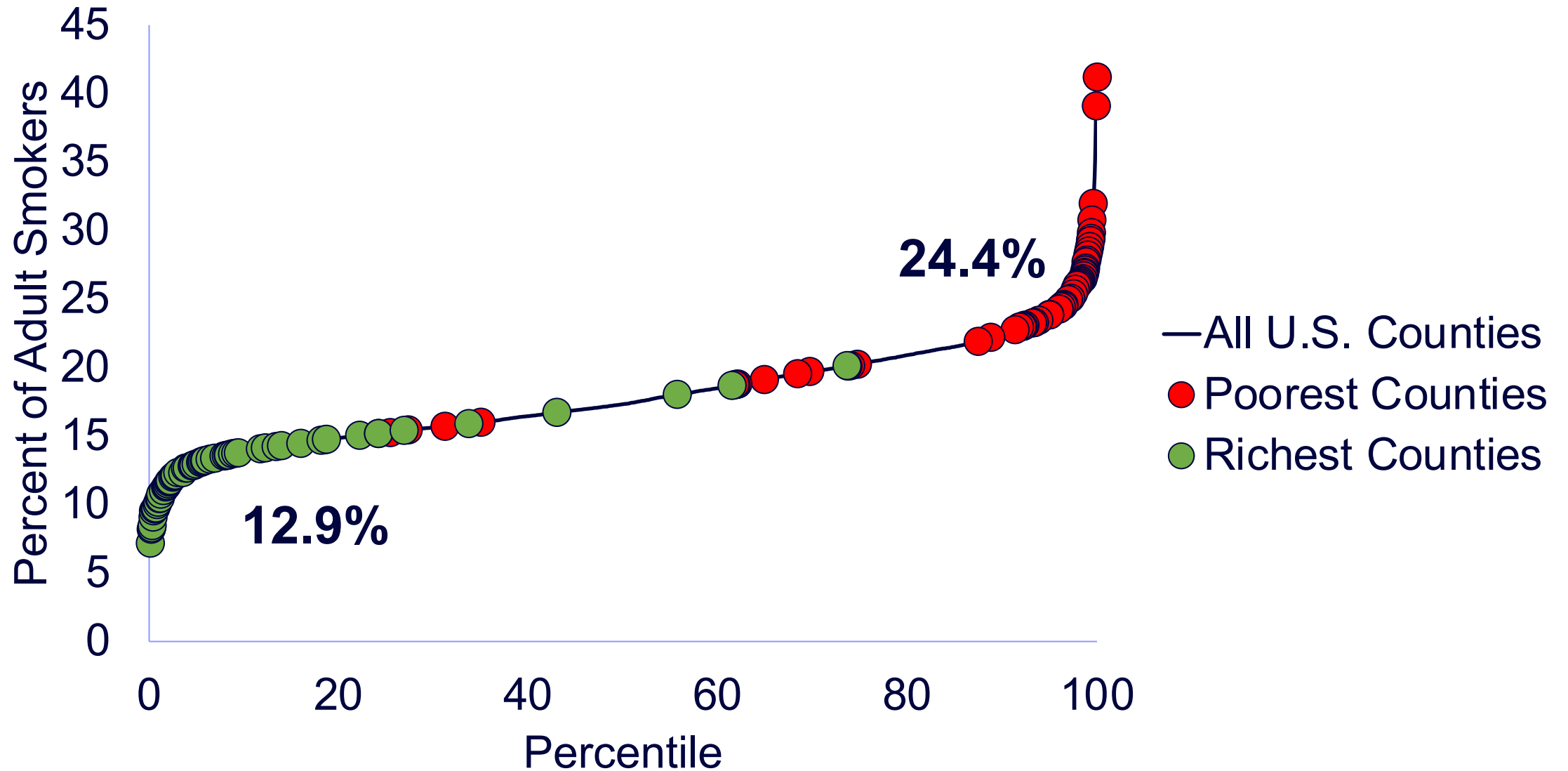
<https://health.gov/healthypeople/objectives-and-data/social-determinants-health>

# Premature Death(YPLL): 2% Wealthiest Counties vs 2% Poorest Counties



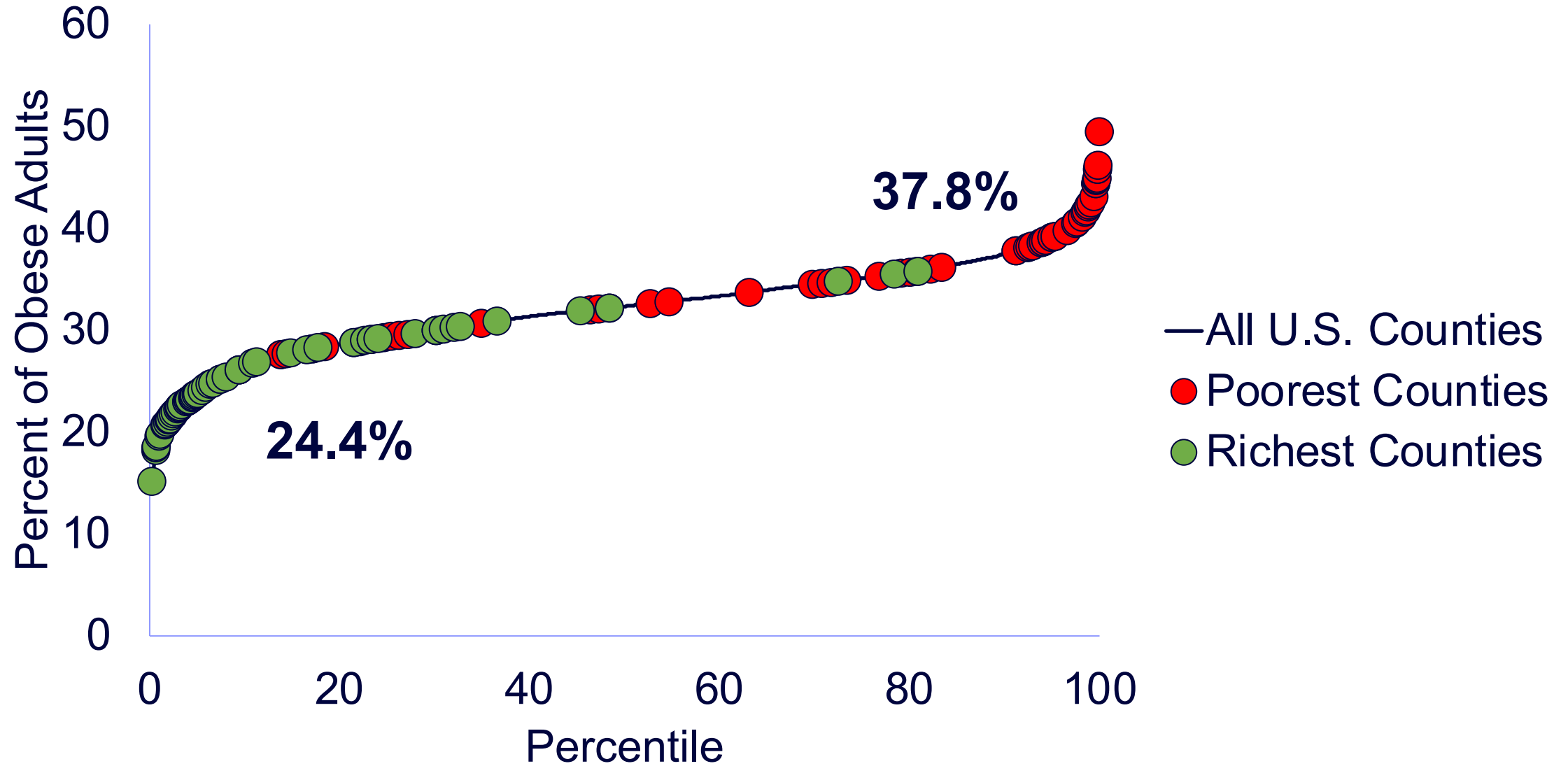
# Adult Smoking Percentage

## 2% Wealthiest Counties vs 2% Poorest Counties

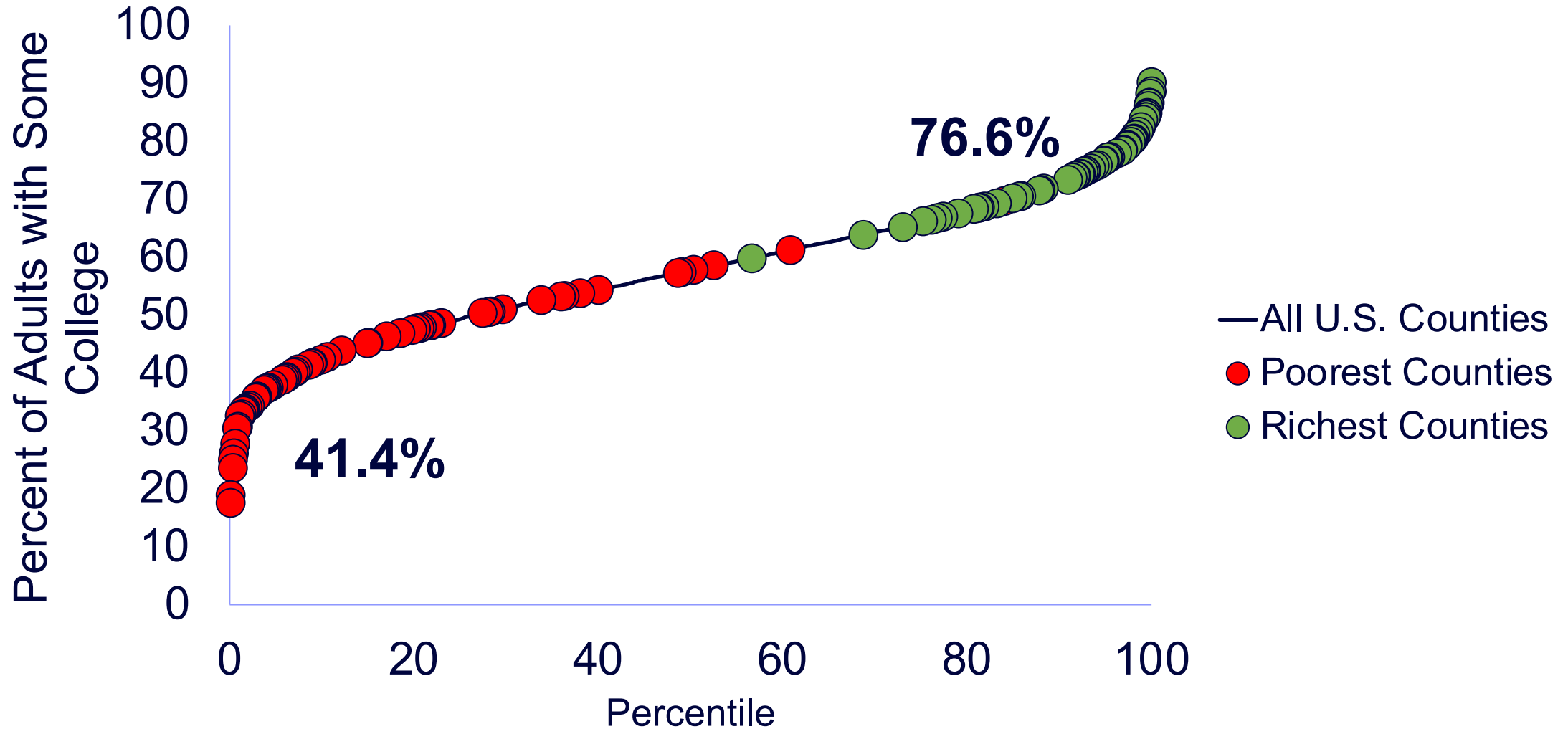


# Adult Obesity Percentage

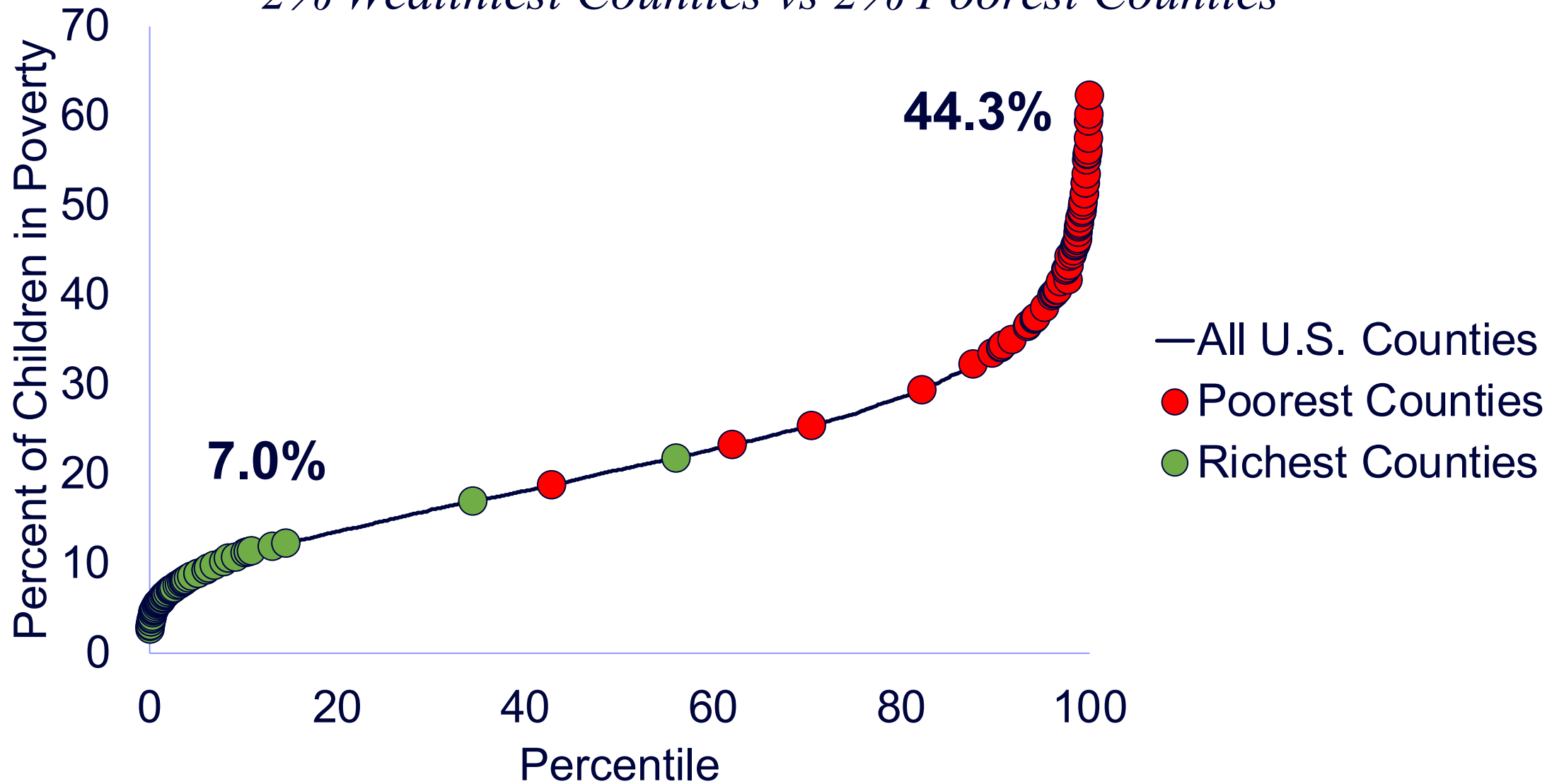
## 2% Wealthiest Counties vs 2% Poorest Counties



# Adults with Some College Percentage 2% Wealthiest Counties vs 2% Poorest Counties



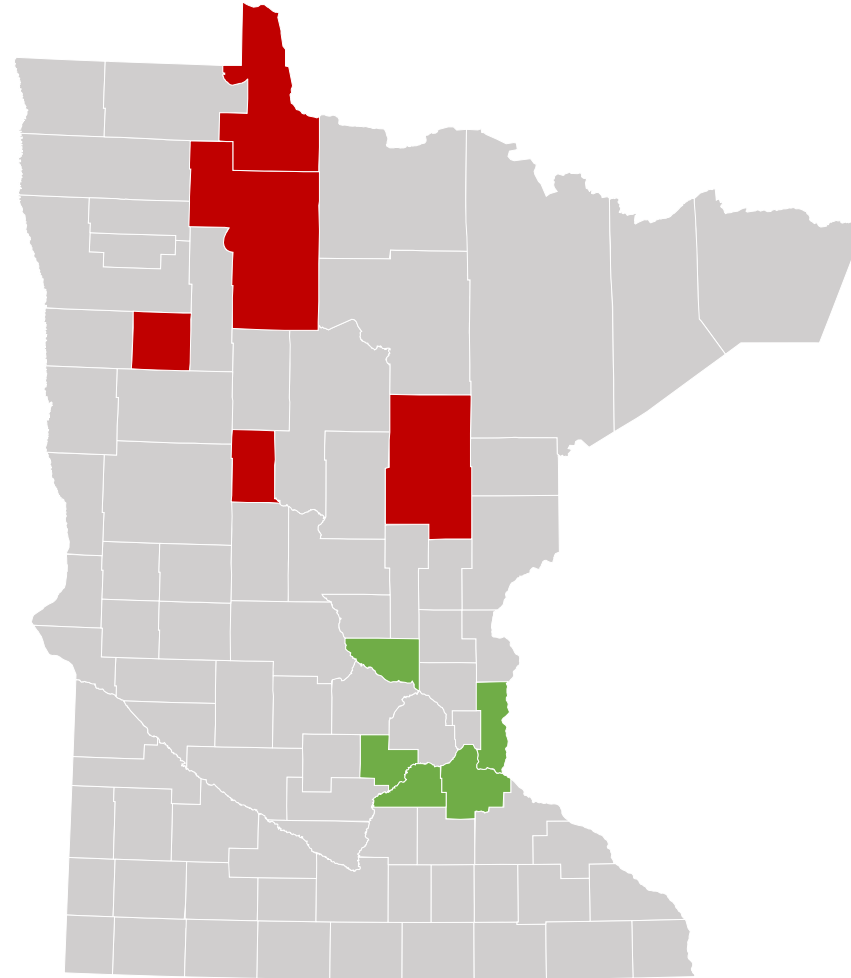
# Children Living in Poverty Percentage 2% Wealthiest Counties vs 2% Poorest Counties



# *Richest & Poorest Counties: Minnesota*

## **5 Wealthiest Counties**

- Scott County
- Carver County
- Washington County
- Sherburne County
- Dakota County



## **5 Poorest Counties**

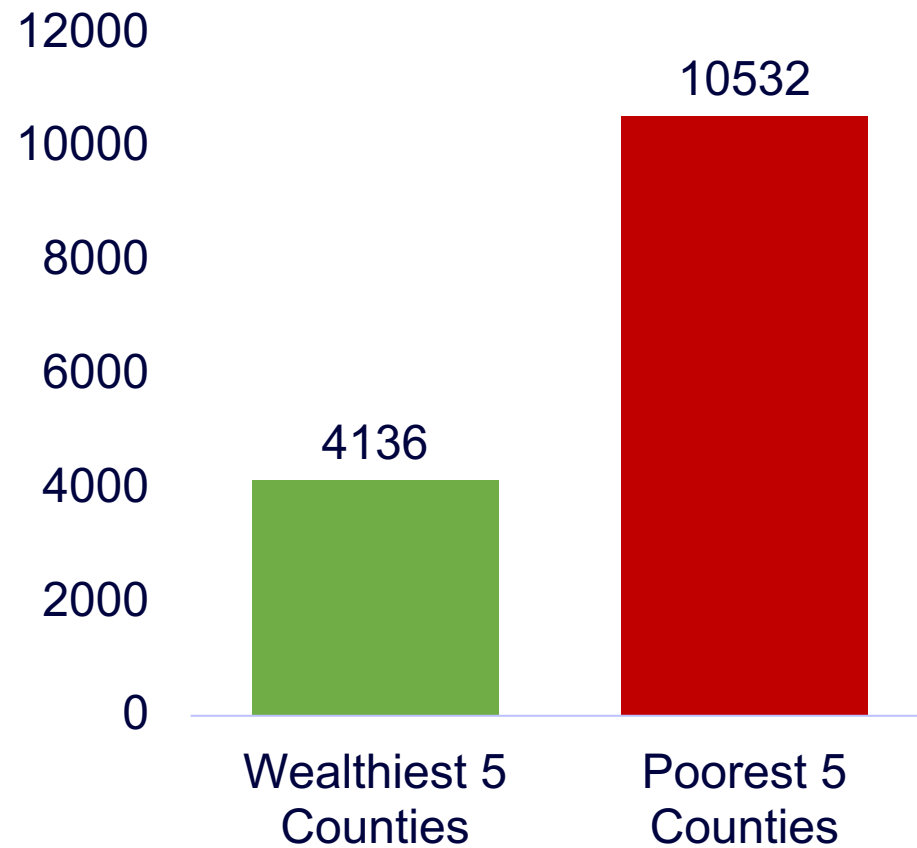
- Mahanomen County
- Wadena County
- Beltrami County
- Aitkin County
- Lake of the Woods County

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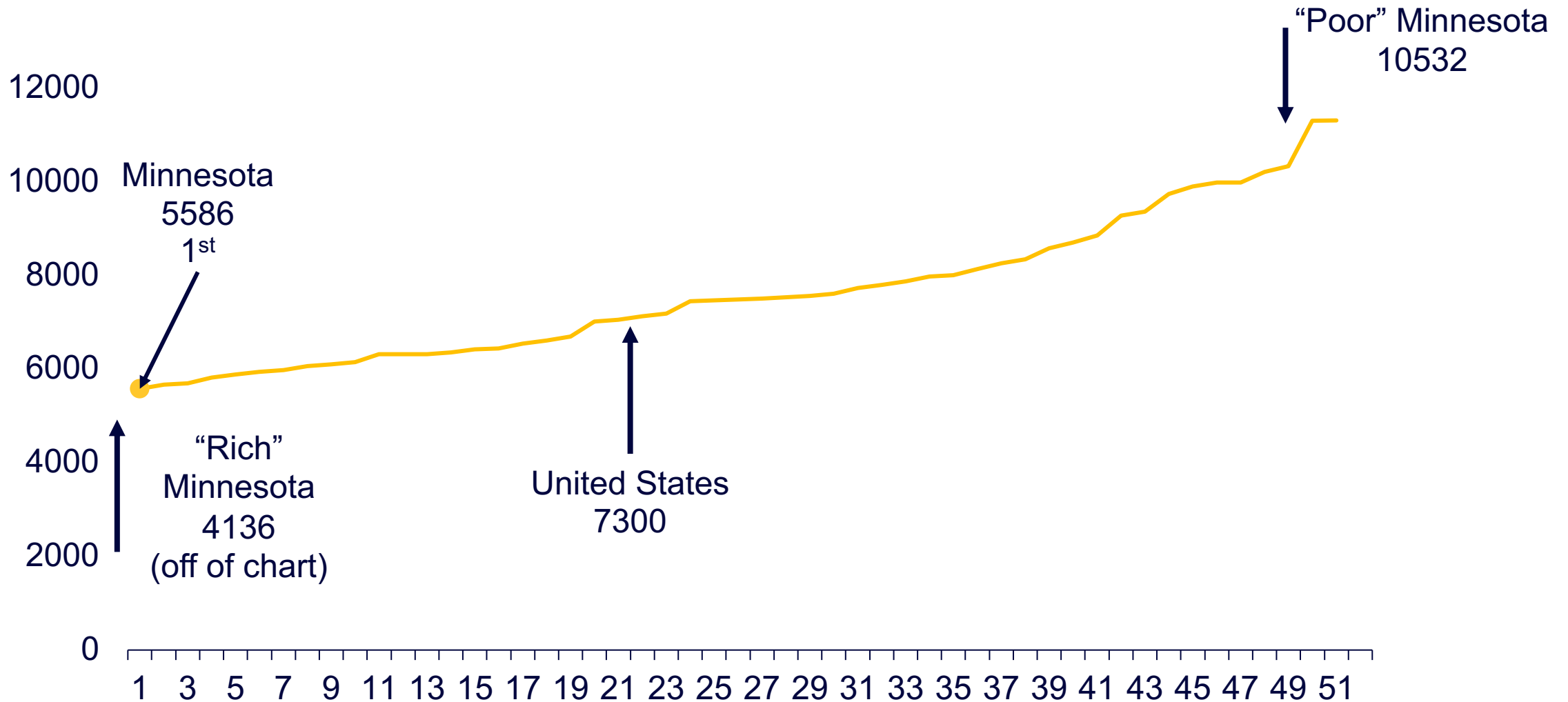
## *Premature Death (YPLL): Minnesota*



**The years of potential life lost in Minnesota's poorest counties is 2.5 times that of the richest counties**



# Premature Death (YPLL): Minnesota

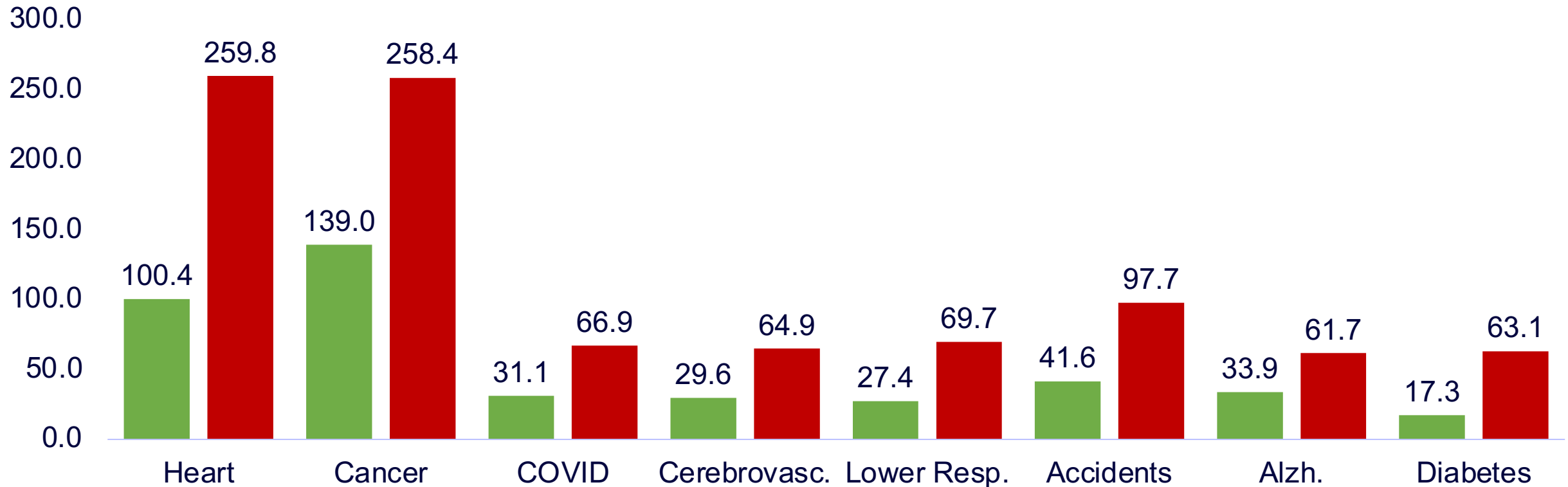


## Premature Death (YPLL): Minnesota

STATE	RATE	STATE	RATE	STATE	RATE	STATE	RATE	STATE	RATE
<b>“Rich”</b>								South	
<b>Minnesota</b>	<b>4136</b>	New Jersey	6325	North Dakota	7133	Wyoming	7810	Carolina	9287
<b>Minnesota</b>	<b>5586</b>	Idaho	6328	Maine	7189	Michigan	7883	Oklahoma	9371
California	5679	New Hampshire	6360	Kansas	7458	North Carolina	7986	Arkansas	9750
Massachusetts	5704	Vermont	6430	Florida	7478	Georgia	8017	Tennessee	9913
Washington	5824	Nebraska	6447	Nevada	7493	Delaware	8149	Kentucky	9993
Hawaii	5895	Iowa	6549	Montana	7519	Alaska	8269	New Mexico	9997
New York	5952	Wisconsin	6620	Maryland	7547	DC	8357	Louisiana	10222
Utah	5985	Virginia	6707	Pennsylvania	7571	Indiana	8595	Alabama	10350
Oregon	6072	Texas	7021	South Dakota	7621	Ohio	8713	<b>“Poor”</b>	
Connecticut	6107	Illinois	7066	Arizona	7745	Missouri	8860	<b>Minnesota</b>	<b>10532</b>
Rhode Island	6151							West Virginia	11318
Colorado	6323							Mississippi	11324



# Leading Causes of Death: Minnesota



CDC WONDER, Underlying Cause of Death, 2018-2021, All ages, rates are per 100,000 population

NOTE: Mortality rates for one or more of the counties presented were unreliable or suppressed for COVID-19, cerebrovascular, lower respiratory, accidents, alzheimers, and diabetes. The 5 lowest income counties with data available are presented. More than 3 of the poorest 5 counties had unreliable or suppressed counts for Flu/Pneumonia, and Nephritis, nephrotic syndrome, and nephrosis. These were omitted from the table.

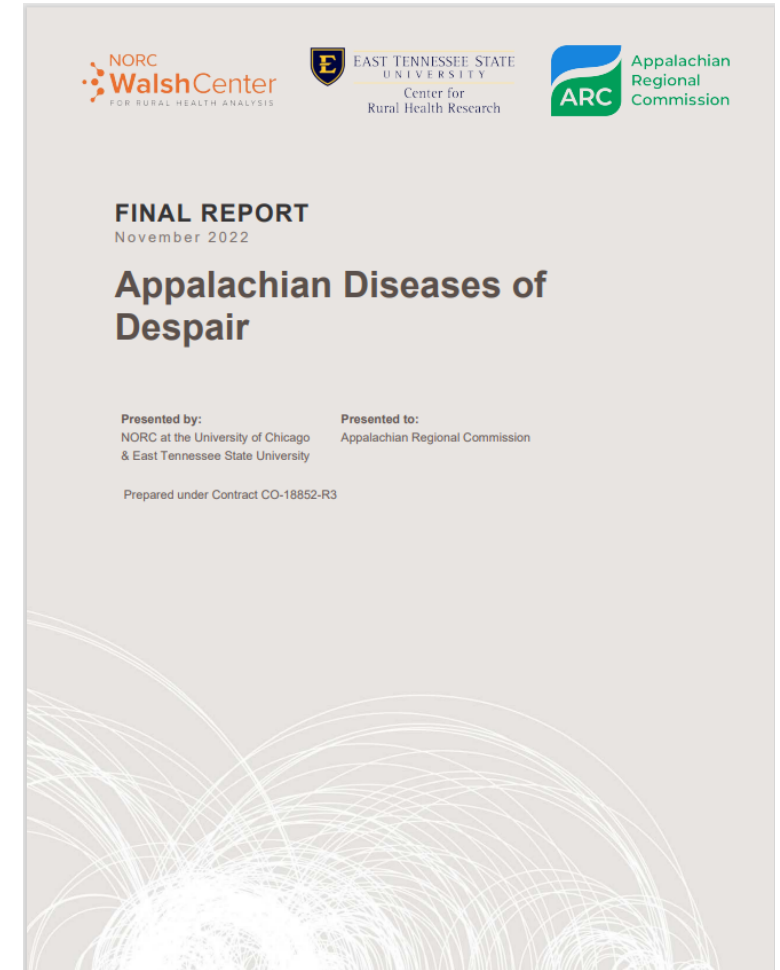




# Appalachian Diseases of Despair (Neglect)

- Update to studies conducted in 2017 using 2015 data and 2020 using 2018 data
- Analysis of 2020 mortality data<sup>1</sup> among individuals ages 15 to 64 for the following causes of death (“diseases of despair”):
  - Overdose (Alcohol poisonings and overdoses of prescription and illegal drugs – accidental and intent-undetermined deaths)
  - Suicide
  - Alcoholic liver disease/cirrhosis

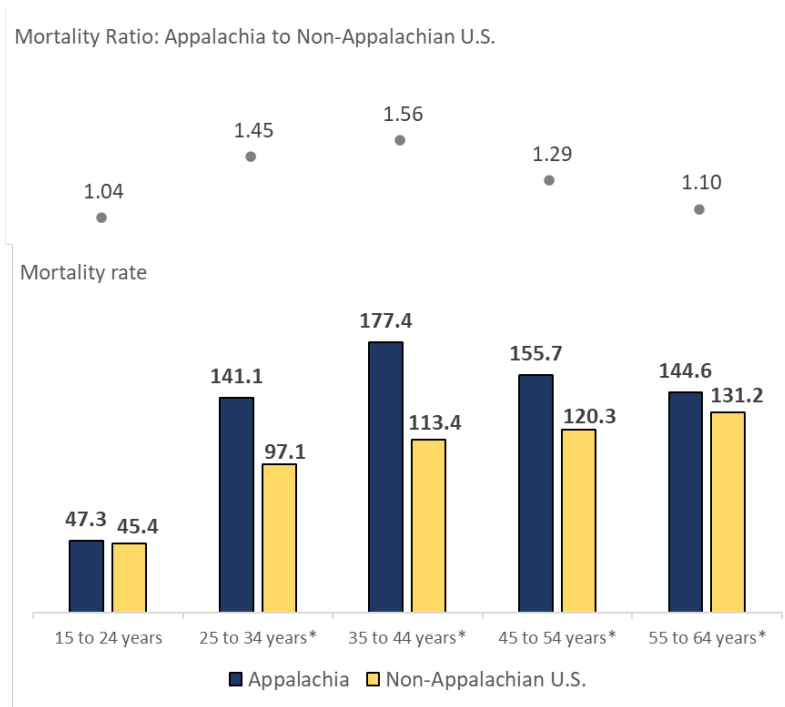
<sup>1</sup>CDC National Center for Health Statistics (NCHS)’s National Vital Statistics System (NVSS), accessed at <http://wonder.cdc.gov/mcd-icd10.html>





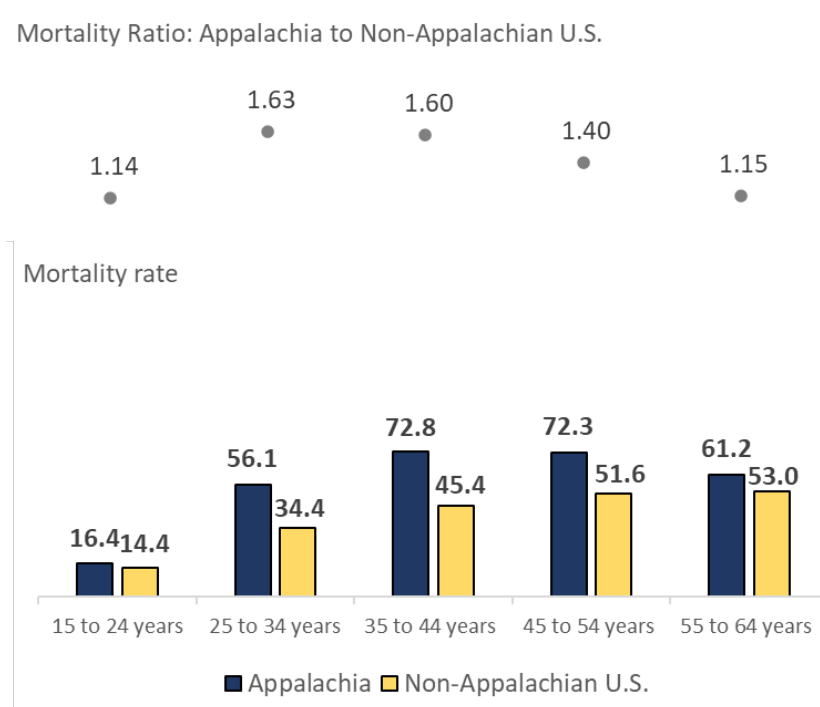
# Deaths of Despair by Age and Gender

**Diseases of despair mortality rates for males, ages 15-64, by age and region (2020)†\***



† Rates are presented as deaths per 100,000 population. Rates are crude mortality rates for each age group.  
 \* For all age groups, Appalachian rate is significantly different from the non-Appalachian U.S. rate,  $p \leq 0.05$ .  
 Source: Mortality Rates and Standard Errors provided by Centers for Disease Control and Prevention, National Center for Health Statistics.  
 Accessed at <http://wonder.cdc.gov/mcd-icd10.html>.

**Diseases of despair mortality rates for females, ages 15-64, by age and region (2020)†\***



† Rates are presented as deaths per 100,000 population. Rates are crude mortality rates for each age group.  
 \* For all age groups, Appalachian rate is significantly different from the non-Appalachian U.S. rate,  $p \leq 0.05$ .  
 Source: Mortality Rates and Standard Errors provided by Centers for Disease Control and Prevention, National Center for Health Statistics.  
 Accessed at <http://wonder.cdc.gov/mcd-icd10.html>.



# Despair versus Neglect



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RESEARCH CENTER

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