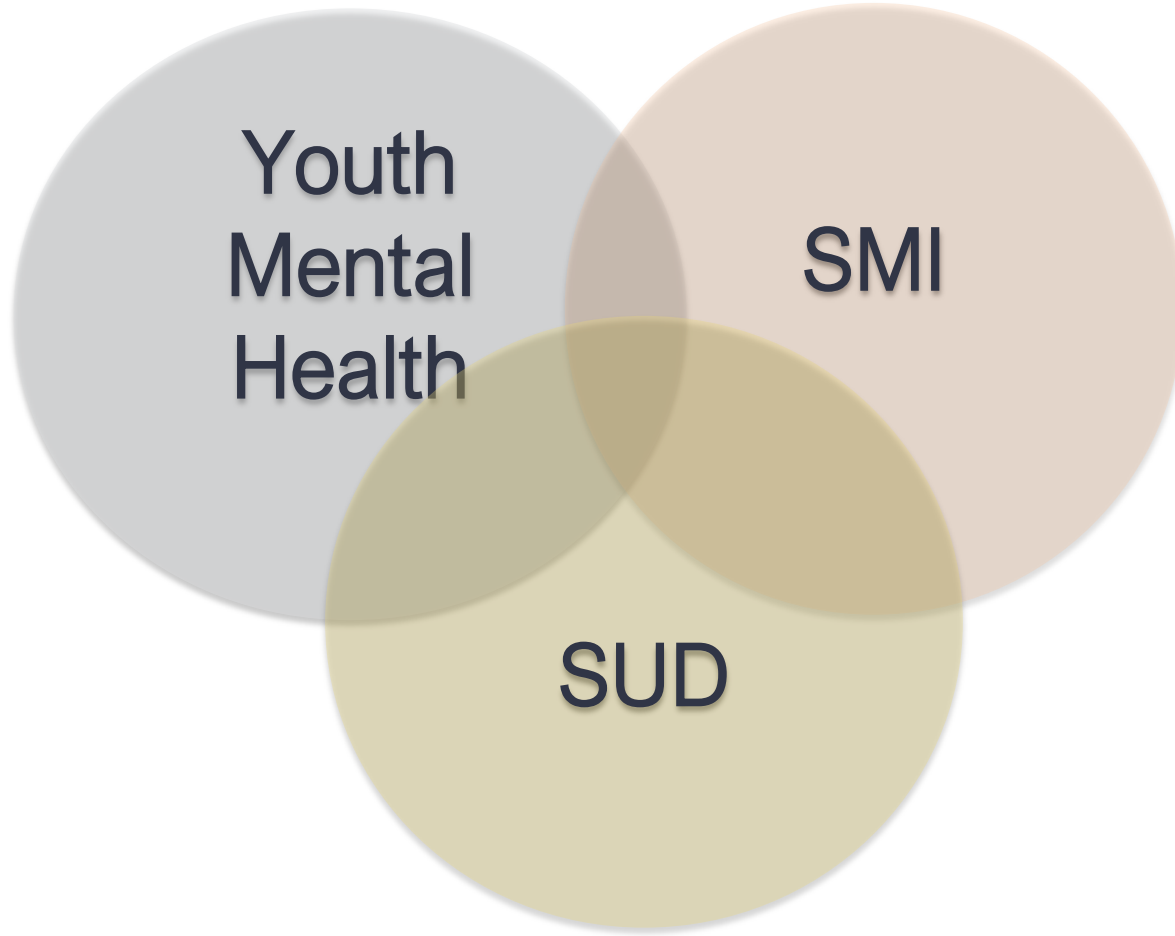
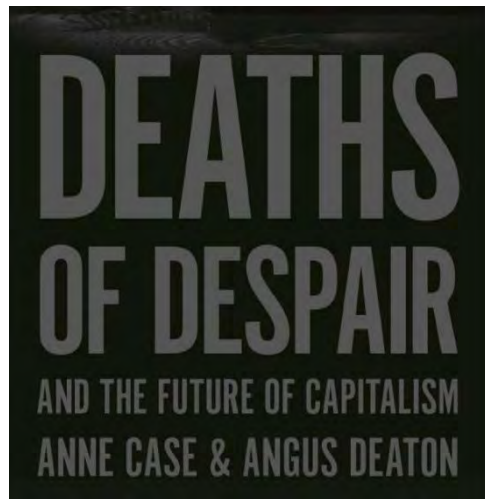


The Behavioral Health Crisis of 2023 is 3 Crises



Deaths of Despair – Lowering Life Expectancy in America (before Covid-19)

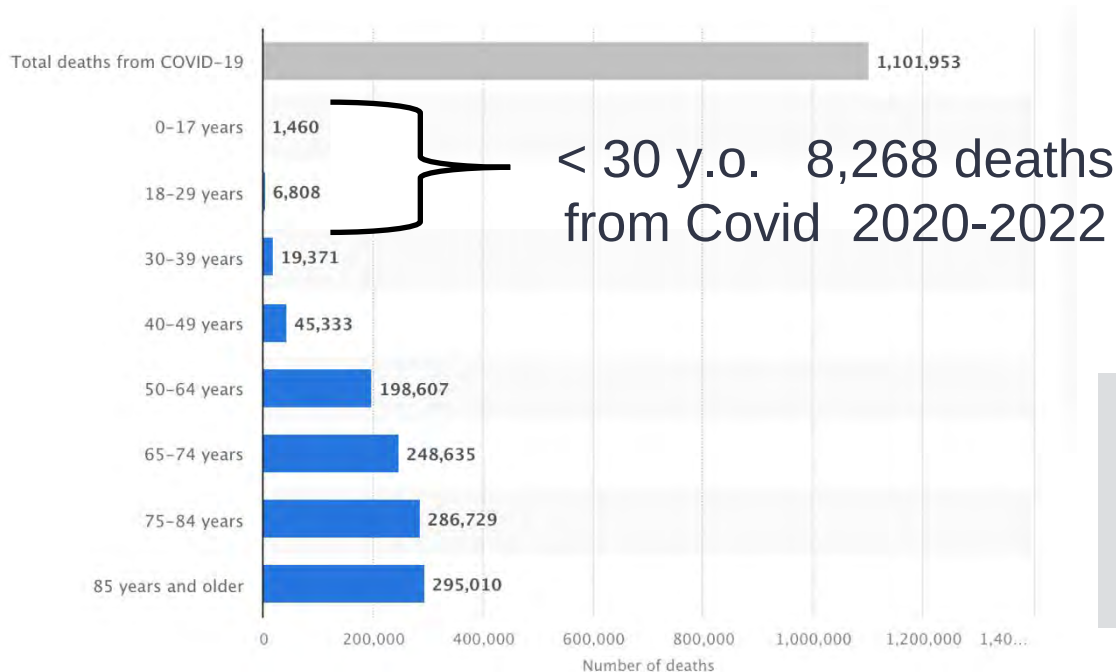


	2000	2019	2021*
Suicide:	29,350	47,511	48,183
Drug OD:	17,415	71,130	103,598
Alcohol:	19,627	39,000	95,000*
TOTAL	66,392	157,141	264,781

Data from CDC NVSS. *data not comparable

52% increase in suicide
death from 2001-2022 in
US youth aged 10 – 24.

Deaths of Despair in Young People During Covid Pandemic



Suicide deaths 2020-2021
30,930 (< 34 y.o.)

OD deaths 2020-2021 (est)
62,379 (< 34 y.o.)

**Deaths of Despair
2020 - 2022 (est)
> 140,000**

Data as of Feb 1, 2023

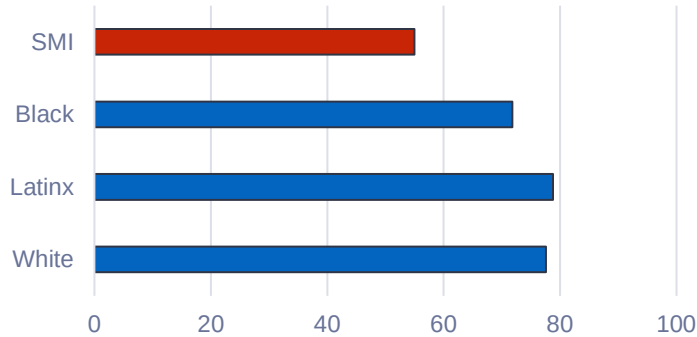
<https://www.statista.com/statistics/1191568/reported-deaths-from-covid-by-age-us/>

https://www.cdc.gov/nchs/nvss/vsrr/covid_weekly/index.htm

<https://www.cdc.gov/nchs/data/databriefs/db428-tables.pdf#2>

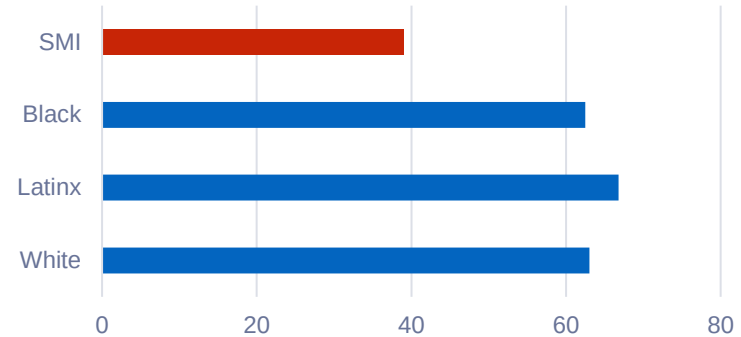
People with SMI Are America's "Untouchables"

Life Expectancy



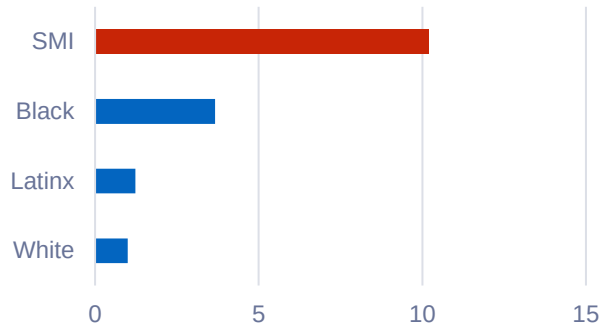
<https://www.cdc.gov/nchs/data/vsrr/vsrr015-508.pdf>

Employment - 2019



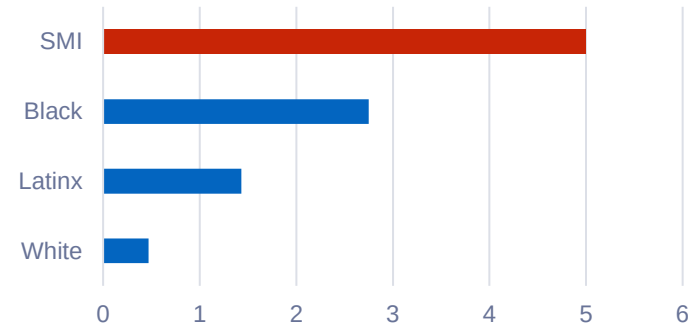
<https://www.bls.gov/opub/reports/race-and-ethnicity/2019/pdf/home.pdf>

RR Police Use of Force



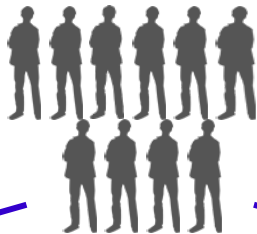
Laniyonu and Goff BMC Psychiatry (2021) 21:500

Incarceration (Prison)



<https://www.pewresearch.org/fact-tank/2020/05/06/share-of-black-white-hispanic-americans-in-prison-2018-vs-2006/>

Population Health Problem



~52.9 million people in the U.S. with any disorder; ~14.2 million “serious” (NSDUH - 2021)



40%
Receive
Services



Underserved



40% Receive Minimally
Acceptable Care



33% No
Benefit



33% Some
Benefit



33% Full
Benefit

The 40-40-33 Rule

Kids:

The 20-20-33 Rule

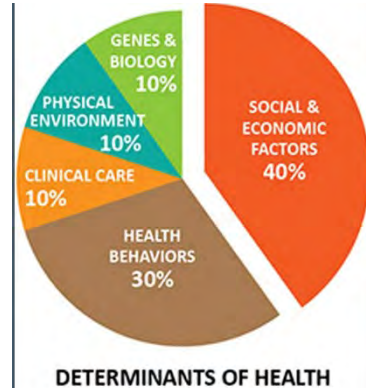
SUD:

The 10-40-20 Rule

SOURCES: NSDUH (2021); Kessler, Chiu, Demler, & Walters (2005); Wang, Lane, Olfson, Pincus, Wells, Kessler (2005); Merikangas, He, Burstein, Swendsen, Avenevoli, Case, Georgiades, Heaton, Swanson, Olfson (2011), SSA Publication 13-11827 (2014)

Three Inconvenient Truths

- Healthcare (in America) is a business driven by margins (as well as missions). This business is seriously broken.
- Health is mostly not about healthcare.
- The medical model (diagnose and treat) is necessary but insufficient for solving the trifecta of behavioral health crises. Combining the prevention model and the recovery model – at scale – is our best hope.



Redefining Healthcare to Include Population Health

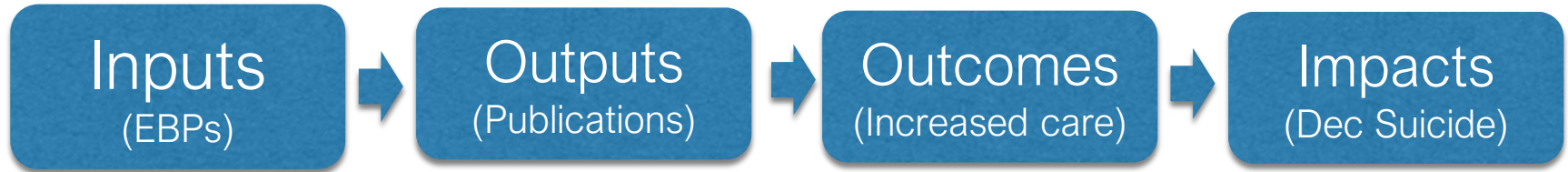
CalAIM – Whole person care with support for people, place, purpose (\$8B)

CYBHI – Dyadic care, school as center of gravity, new diverse workforce, virtual platforms (\$4.7B)

CCBHCs – Federal BH care system for SMI and SUD in all 50 states with prospective payment (\$8.5B)

Three Concerns

- Are we focusing on inputs and outputs or on outcomes and impacts?



What does success look like (quantitatively) and how do we measure it?

Three Concerns About Our Approach

- Are we exploiting the new scale and economics?

Scale

25B YouTube views of MH content
130M users of Epic
180K therapists using Simple Practice
Consolidation of psychoRx practices

Economics

SMI/SUD incr med/surg spend 6.2x
BH costs doubling
Non-health care costs > healthcare
Costs of not treating > treating
(Nature MH Aug, 2023)

Three Concerns About Our Approach

- Who is accountable for success, by when?

COMMUNITY ACCOUNTABILITY AND POLICY

A major driver of innovation and evaluation will be public accountability for children's mental health. Merely having an EBP or an array of EBPs in a community (with poor reach and low funding) is no longer sufficient; communities must be held accountable for population levels of children's mental health, and for disparities in mental health across race, ethnic, income, geographic, and cultural groups. - K. A. Dodge, APA, 2023

The Behavioral Health Crisis of 2023 is 3 Crises

