

CRDP Latino Hub Monthly Meeting

Health Disparities in COVID-19 Cases and Death Rates by Race/Ethnicity and Age Groups In California and Beyond



Sergio Aguilar-Gaxiola, MD, PhD

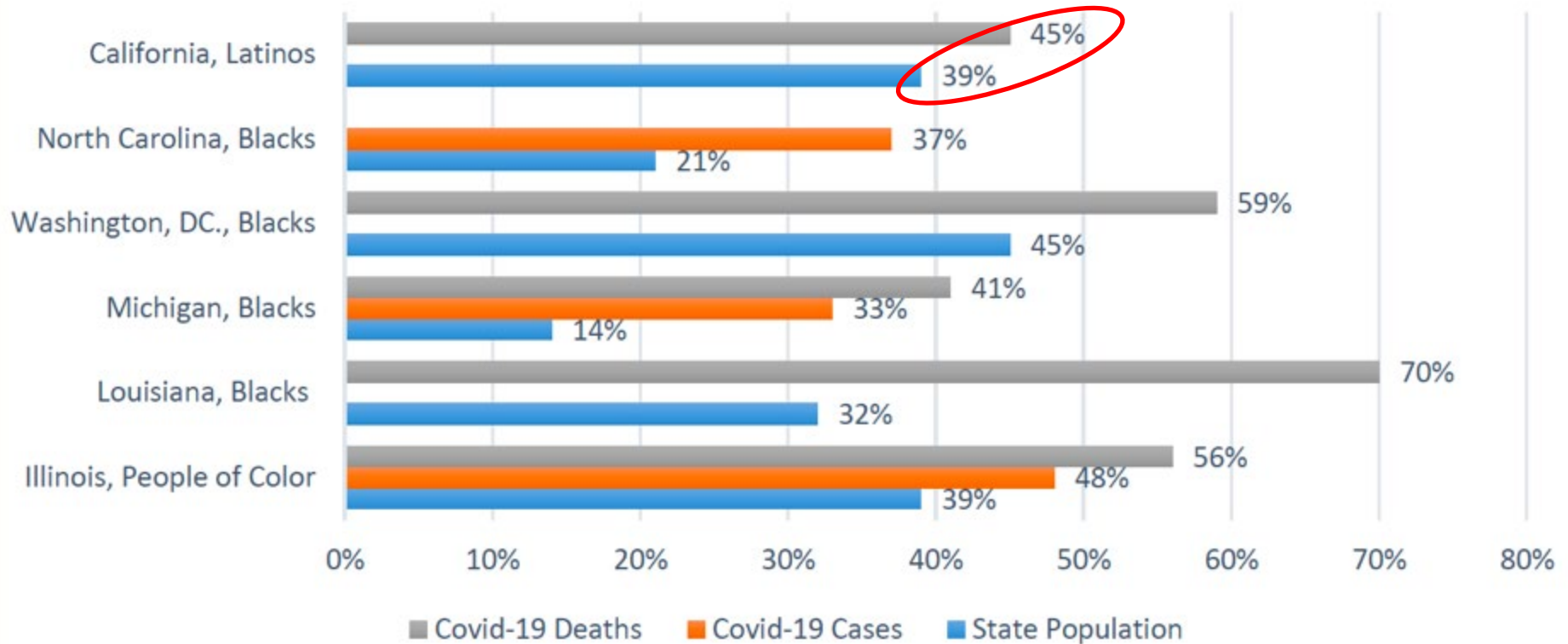
Professor of Clinical Internal Medicine

Director, Center for Reducing Health Disparities

UC Davis School of Medicine

May 21, 2020

Percentage of Blacks, Latinos, and People of Color by State Population, COVID-19 Cases, and COVID-19 Deaths (Kaiser Family Foundation, CDC, US Census Bureau)



County of San Diego: COVID-19 Cases by Race/Ethnicity

County of San Diego

Daily 2019 Novel Coronavirus (COVID-19)

Race/Ethnicity Summary

Data are preliminary and subject to change



Data through 4/16/2020, updated 4/17/2020 8:00 AM

Summary of COVID-19 Cases by Race/Ethnicity

COVID-19 Case Summary	San Diego County Residents		
Total Positives	2,158		
Race and Ethnicity	Count	% of Total with Known Race/Ethnicity (N=1,727)	Rate per 100,000*
Hispanic or Latino	721	41.7%	62.7
White	682	39.5%	44.7
Black or African American	90	5.2%	60.9
Asian	182	10.5%	50.0
Pacific Islander	23	1.3%	156.3
American Indian	6	0.3%	
Multiple Race	23	1.3%	20.5
Race/Ethnicity Unknown	431		

*Rates are calculated using 2018 population estimates from the San Diego Association of Governments. Rates are not calculated for counts under 20 cases.

County of San Diego: COVID-19 Cases by Race/Ethnicity

County of San Diego

Daily 2019 Novel Coronavirus (COVID-19)

Race/Ethnicity Summary

Data are preliminary and subject to change



Data through 4/21/2020, updated 4/22/2020 8:00 AM

Summary of COVID-19 Cases by Race/Ethnicity

COVID-19 Case Summary		San Diego County Residents		
Total Positives		2,491		
Race and Ethnicity	Count	% of Total with Known Race/Ethnicity (N=2,047)	Rate per 100,000*	
Hispanic or Latino	914	44.7%	79.4	
White	761	37.2%	49.9	
Black or African American	106	5.2%	71.8	
Asian	205	10.0%	56.3	
Pacific Islander	26	1.3%	176.7	
American Indian	7	0.3%		
Multiple Race	28	1.4%	25.0	
Race/Ethnicity Unknown	444			

*Rates are calculated using 2018 population estimates from the San Diego Association of Governments. Rates are not calculated for counts under 20 cases.

County of San Diego: COVID-19 Cases by Race/Ethnicity

County of San Diego Daily 2019 Novel Coronavirus (COVID-19) Race/Ethnicity Summary

Data are preliminary and subject to change



Data through 5/1/2020 updated 5/2/2020 8:00 AM

Summary of COVID-19 Cases by Race/Ethnicity

COVID-19 Case Summary	San Diego County Residents		
Total Positives	3,842		
Race and Ethnicity	Count	% of Total with Known Race/Ethnicity (N=3,060)	Rate per 100,000*
Hispanic or Latino	1,643	53.7%	142.8
White	928	30.3%	60.8
Black or African American	142	4.6%	96.1
Asian	273	8.9%	75.0
Pacific Islander	33	1.1%	224.3
American Indian	8	0.3%	
Multiple Race	33	1.1%	29.4
Race/Ethnicity Unknown	782		

*Rates are calculated using 2018 population estimates from the San Diego Association of Governments. Rates are not calculated for counts under 20 cases.

County of San Diego: COVID-19 Cases by Race/Ethnicity

County of San Diego

Daily 2019 Novel Coronavirus (COVID-19)

Race/Ethnicity Summary

Data are preliminary and subject to change



Data through 5/8/2020, updated 5/9/2020 8:00 AM

Summary of COVID-19 Cases by Race/Ethnicity

COVID-19 Case Summary		San Diego County Residents	
Total Positives		4,776	
Race and Ethnicity	Count	% of Total with Known Race/Ethnicity (N=3,756)	Rate per 100,000*
Hispanic or Latino	2,169	57.7%	188.5
White	1,017	27.1%	66.7
Black or African American	164	4.4%	111.0
Asian	320	8.5%	87.9
Pacific Islander	36	1.0%	244.7
American Indian	10	0.3%	
Multiple Race	40	1.1%	35.7
Race/Ethnicity Unknown	1,020		

*Rates are calculated using 2018 population estimates from the San Diego Association of Governments. Rates are not calculated for counts under 20 cases.

County of San Diego: COVID-19 Cases by Race/Ethnicity

County of San Diego Daily 2019 Novel Coronavirus (COVID-19) Race/Ethnicity Summary

Data are preliminary and subject to change

Data through 5/19/2020, updated 5/20/2020 8:00 AM



Summary of COVID-19 Cases by Race/Ethnicity

COVID-19 Case Summary		San Diego County Residents	
Total Positives		6,140	
Race and Ethnicity	Count	% of Total with Known Race/Ethnicity (N=4,843)	Rate per 100,000*
Hispanic or Latino	3,001	62.0%	260.8
White	1,185	24.5%	77.7
Black or African American	192	4.0%	130.0
Asian	368	7.6%	101.1
Pacific Islander	39	0.8%	265.1
American Indian	10	0.2%	
Multiple Race	48	1.0%	42.8
Race/Ethnicity Unknown	1,297		

*Rates are calculated using 2018 population estimates from the San Diego Association of Governments. Rates are not calculated for counts under 20 cases.

County of San Diego: COVID-19 Deaths by Race/Ethnicity

County of San Diego

Daily 2019 Novel Coronavirus (COVID-19)

Summary of Deaths by Demographics

Data are preliminary and subject to change



Data through 5/8/2020, updated 5/9/2020 8:00 AM

Summary of COVID-19-associated Deaths by Demographics

San Diego County Residents		
Total Deaths	175	
Selected Characteristics	Count	% of Deaths with Known Demographics
Hispanic or Latino	66	41.3%
White	74	46.3%
Black or African American	4	2.5%
Asian	12	7.5%
Pacific Islander	2	1.3%
American Indian	1	0.6%
Multiple Race	1	0.6%
Race/Ethnicity Unknown	15	

Data are preliminary and subject to change.

County of San Diego: COVID-19 Deaths by Race/Ethnicity

County of San Diego Daily 2019 Novel Coronavirus (COVID-19) Summary of Deaths by Demographics

Data are preliminary and subject to change



Data through 5/19/2020, updated 5/20/2020 8:00 AM

Summary of COVID-19-associated Deaths by Demographics		
San Diego County Residents		
Total Deaths	230	
Selected Characteristics	Count	% of Deaths with Known Demographics
Hispanic or Latino	95	42.6%
White	103	46.2%
Black or African American	4	1.8%
Asian	17	7.6%
Pacific Islander	2	0.9%
American Indian	1	0.4%
Multiple Race	1	0.4%
Race/Ethnicity Unknown	7	

Data are preliminary and subject to change.

County of San Diego: Population by Race/Ethnicity

Race	Population	% of Total
Total Population	3,095,313	100
<u>White</u>	1,981,442	64
<u>Hispanic or Latino</u>	991,348	32
<u>Some Other Race</u>	419,465	13
<u>Asian</u>	336,091	10
<u>Two or More Races</u>	158,425	5
<u>Black or African American</u>	158,213	5
<u>American Indian</u>	26,340	Below 1%
<u>Native Hawaiian Pacific Islander</u>	15,337	Below 1%
<u>Three or more races</u>	13,284	Below 1%
<u>Native Hawaiian</u>	2,482	Below 1%
<u>Alaska Native tribes</u>	252	Below 1%

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COVID-19

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COVID-19 Race and Ethnicity Data

All Cases and Deaths associated with COVID-19 by Race and Ethnicity

May 19, 2020

Race/Ethnicity	No. Cases	Percent Cases	No. Deaths	Percent Deaths	Percent CA population
Latino	31,432	53.9	1,235	37.5	38.9
White	13,185	22.6	1,125	34.2	36.6
Asian	6,119	10.5	496	15.1	15.4
African American/Black	3,418	5.9	335	10.2	6
Multi-Race	517	0.9	23	0.7	2.2

524
SHARES

COVID-19 Race and Ethnicity Data

All Cases and Deaths associated with COVID-19 by Race and Ethnicity

May 19, 2020

Race/Ethnicity	No. Cases	Percent Cases	No. Deaths	Percent Deaths	Percent CA population
Latino	31,432	53.9	1,235	37.5	38.9
White	13,185	22.6	1,125	34.2	36.6
Asian	6,119	10.5	496	15.1	15.4
African American/Black	3,418	5.9	335	10.2	6
Multi-Race	517	0.9	23	0.7	2.2
American Indian or Alaska Native	113	0.2	14	0.4	0.5
Native Hawaiian and other Pacific Islander	547	0.9	27	0.8	0.3
Other	3,015	5.2	38	1.2	0
Total with data	58,346	100	3,293	100	100

Cases: 84,057 total; 25,711 (31%) missing race/ethnicity

Deaths: 3,374 total; 81 (2%) missing race/ethnicity

<https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/Race-Ethnicity.aspx>

California Department of Public Health

Cases and Deaths Associated to COVID-19 by Race/Ethnicity

Proportions of Cases and Deaths by Race and Ethnicity Among Ages 0-17

Race/Ethnicity	No. Cases	Percent Cases	No. Deaths	Percent Deaths	Percent CA population
Latino	1,920	77.7	0	0	47.9
White	261	10.6	0	0	29.2
Asian	100	4	0	0	12.7
African American/Black	54	2.2	0	0	5.4
Multi-Race	20	0.8	0	0	4
American Indian or Alaska Native	4	0.2	0	0	0.4
Native Hawaiian and other Pacific Islander	6	0.2	0	0	0.3
Other	107	4.3	0	0	0
Total	2,472	100	0	0	100

California Department of Public Health

Cases and Deaths Associated to COVID-19 by Race/Ethnicity

Proportions of Cases and Deaths by Race and Ethnicity Among Ages 18-34

Race/Ethnicity	No. Cases	Percent Cases	No. Deaths	Percent Deaths	Percent CA population
Latino	9,399	63.2	23	67.6	45
White	2,464	16.6	4	11.8	30.2
Asian	1,251	8.4	3	8.8	14.7
African American/Black	697	4.7	3	8.8	6.5
Multi-Race	154	1	1	2.9	2.6
American Indian or Alaska Native	27	0.2	0	0	0.6
Native Hawaiian and other Pacific Islander	114	0.8	0	0	0.4
Other	761	5.1	0	0	0
Total	14,867	100	34	100	100

California Department of Public Health

Cases and Deaths Associated to COVID-19 by Race/Ethnicity

Proportions of Cases and Deaths by Race and Ethnicity Among Ages 35-49

Race/Ethnicity	No. Cases	Percent Cases	No. Deaths	Percent Deaths	Percent CA population
Latino	8,772	59.5	115	73.7	41.5
White	2,624	17.8	13	8.3	32.5
Asian	1,517	10.3	8	5.1	17.5
African American/ Black	750	5.1	14	9	5.9
Multi-Race	131	0.9	2	1.3	1.6
American Indian or Alaska Native	37	0.3	2	1.3	0.5
Native Hawaiian and other Pacific Islander	161	1.1	2	1.3	0.4
Other	746	5.1	0	0	0
Total	14,738	100	156	100	100

California Department of Public Health

Cases and Deaths Associated to COVID-19 by Race/Ethnicity

Proportions of Cases and Deaths by Race and Ethnicity Among Ages 50-64

Race/Ethnicity	No. Cases	Percent Cases	No. Deaths	Percent Deaths	Percent CA population
Latino	7,483	51.4	268	54.1	32.2
White	3,356	23	108	21.8	43
Asian	1,648	11.3	50	10.1	16.3
African American/Black	944	6.5	55	11.1	6.4
Multi-Race	116	0.8	2	0.4	1.2
American Indian or Alaska Native	25	0.2	2	0.4	0.5
Native Hawaiian and other Pacific Islander	166	1.1	4	0.8	0.4
Other	832	5.7	6	1.2	0
Total	14,570	100	495	100	100

<https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/COVID-19/Race-Ethnicity.aspx>

California Department of Public Health

Cases and Deaths Associated to COVID-19 by Race/Ethnicity

Proportions of Cases and Deaths by Race and Ethnicity Among **Ages 65-79**

Race/Ethnicity	No. Cases	Percent Cases	No. Deaths	Percent Deaths	Percent CA population
Latino	2,761	37.1	422	39.8	21.8
White	2,628	35.3	349	33	54
Asian	871	11.7	122	11.5	16.9
African American/Black	624	8.4	124	11.7	5.5
Multi-Race	65	0.9	9	0.8	1
American Indian or Alaska Native	12	0.2	5	0.5	0.5
Native Hawaiian and other Pacific Islander	77	1	9	0.8	0.3
Other	398	5.4	19	1.8	0
Total	7,436	100	1,059	100	100

Deaths Ratios Associated to COVID-19 by Race/Ethnicity

Race	All Death Ratio	Under 18 Death	Ages 18 to 49 Death	Ages 50 to 64 Death	Age 65 + Death	Ratio between 65+ compared to 18-65:
Latino	0.8	0	1.39	1.32	1.23	0.89
White	0.97	0	0.39	0.63	0.72	1.83
Asian	1.14	0	0.54	0.79	1.15	2.12
African American/Black	1.97	0	2.94	2.08	2.06	0.7
Multi-Race	0.14	0	0	0	0.3	
American Indian or Alaska Native	0.6	0	0	1	0.6	
Native Hawaiian and other Pacific Islander	4	0	0	2.75	4.33	

CALIFORNIA



Younger blacks and Latinos are dying of COVID-19 at higher rates in California



Scott Blanks, 34, died from COVID-19 on March 27. (Karin Blanks)

By BEN POSTON, TONY BARBOZA, ALEJANDRA REYES-VELARDE



CHCF
@CHCFNews



One reason for the higher coronavirus death rates for Black people under 50? Many work in service jobs, which means "they don't have the luxury to be able to survive by working from home," said [@aguilargaxiola](#), director of [@UCDavisCRHD](#). [latimes.com/california/sto...](#) via [@latimes](#)





AMBULANCE

CORONAVIRUS PANDEMIC

LA TIMES: YOUNGER BLACKS AND LATINOS ARE
DYING OF COVID-19 AT HIGHER RATES IN CALIFORNIA

941,009 CONFIRMED CASES

270K+
50K+
10K+
300+



LIVE 7m 32s
MSNBC

10:26 AM PT

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REPORTING FOR
NEW YORKERS

A Siena College poll reported that “52% of Latinos in New York know someone who’s died from the virus, more than any other ethnic group.”

“Hispanic and black New Yorkers have died of coronavirus at twice the rate than that of whites and Asians, according to the city Department of Health and Mental Hygiene data as of April 30.”

BETWEEN FLUSHING AND CORONA

By Ann Choi and Josefa Velasquez Additional Reporting By Christine Chung

Failing Another National Stress Test on Health Disparities

William F. Quan Jr. MD

The African American daughter of one of us called population but thus far have accounted for 52% of

“In New York, Hispanic and black people accounted for 34% and 28%, respectively, of deaths from COVID-19, even though they represent only 29% and 22% of the population; while white people accounted for 27% of deaths, even though they represent 32% of the population.”

Mary Lasker
Foundation, New York,
New York.

Viewpoint

confirming his impressions of an uncaring system. He decided to stay at home and tough it out.

But he got worse. The fevers were unrelenting, and it was hard to breathe. He was finally cajoled to try a different clinic. There, the African American receptionist conveyed their concerns and the staff agreed to provide a COVID-19 test. The patient was handed a flyer with home care instructions, but no one asked about financial consequences of staying home and no follow-up

who have tested positive that exceeds predictions from the general population. Data are more limited for Hispanics, but similar troubling statistics are emerging.

We propose that the overarching cause of these tragic statistics is decades of the effects of adverse social determinants of health. Even biological risk factors for COVID-19 like diabetes, obesity, asthma, and hypertension can reflect environmental and sociological precipitating and contributing factors, as much as

Staying Home: Not an Option Available to All

Stories that caught our attention

APRIL 27, 2020

By Xenia Shih Bion

SHARE    



Seasonal farmworkers pick strawberries in Salinas, California.

<https://www.chcf.org/blog/staying-home-not-option-available-all/>

Fort Worth Star-Telegram

FORT WORTH

Texas undocumented desperate for work amid coronavirus, 'even if it means getting sick'

BY KRISTIAN HERNANDEZ

APRIL 30, 2020 06:00 AM, UPDATED APRIL 30, 2020 06:00 AM



Texas governor says immigrants won't be asked background questions when seeking COVID-19 test



Texas Governor Greg Abbott said in a press conference on Wednesday, March 18, 2020, that the immigrant population won't be asked background questions when seeking a COVID-19 test if they have symptoms. BY AMANDA MCCOY

<https://www.star-telegram.com/news/local/fort-worth/article241980636.html?>

CALIFORNIA DIVIDE

CALIFORNIA DIVIDE: ECONOMIC INEQUALITY

CORONAVIRUS

BY JACQUELINE GARCIA



PUBLISHED: MAY 4, 2020

“In Los Angeles County, people in low-income communities, like Dalia’s neighborhood in South Los Angeles, are infected with the virus at twice the rate of those in wealthier communities, according to a county health department database as of May 1.”

“Residents of those low-income communities also are more likely to die of the virus: A rate of 15 deaths per 100,000 residents, twice the rate of people in the wealthier areas, according to the database. African Americans have the highest death rate in the county, followed by Latinos.”

“For low-paid employees whose work is rarely if ever glorified — the people who clean the floors, do the laundry, serve fast food, pick the crops, work in the meat plants — having the jobs that keep America running has come with a heavy price. By the odd calculus wrought by the viral outbreak, they have been deemed “essential.” And that means being a target.”



Certified nursing assistant Rose Arreola has been home quarantining since May 2 after testing positive for COVID-19 at her apartment in Orange. (Step Contreras / Los Angeles Times)



By HALEY BROWN-PORTER, ALICIA ORTA, NEVIL HELMERS, HART STILES, ANDREW J. CAMPB

MAY 17, 2020 | 6 AM

05/23/20

The plight of essential workers during the COVID-19 pandemic



The COVID-19 pandemic has vividly highlighted how much society depends upon essential workers. Praise for the heroic work being done by health-care workers to save lives worldwide in dangerous, exhausting conditions is everywhere. But those same workers are often left unprotected by governments and systems that have failed to supply them with enough personal protective equipment (PPE), supplies, and resources to do their jobs. In April alone, there were an estimated 27 COVID-19-related health worker deaths in the USA, 106 in the UK, and 180 in Russia, with tens of thousands of infections.

Transportation Authority (MTA) have died due to COVID-19, and nearly 4000 have tested positive. The MTA changed guidance to advise wearing face masks before the US Centers for Disease Control and Prevention (CDC) and WHO shifted their guidance, but being exposed to the public, even with adequate PPE, presents dangers. At least 28 London bus drivers have died due to COVID-19, and a UK railway worker, Belly Mujinga, died after being spat on by a passenger who claimed to have COVID-19, leaving behind an 11-year-old daughter.

The International Labour Organization has reported

plan to pay furloughed workers 80% of their salary, many low-wage workers such as cleaners, migrant and seasonal workers, and student labourers might not be eligible.

Transport staff have been particularly hard hit. In New York City, 120 employees of the Metropolitan

have adequate health care and paid sick leave to safeguard their health beyond extraordinary pandemics. Essential workers are just that—essential—and by protecting their health, we protect the health and wellbeing of us all. ■ *The Lancet*

For more on the COVID-19 crisis and informal and migrant workers see <https://roddi.org/2020/04/22/the-covid-19-crisis-income-support-to-informal-workers-is-necessary-and-possible/>



Niccolo Guasti/Getty Images

Coronavirus testing in SF's Mission District reveals spike among workers

“Notable was that those who tested positive had much in common: The vast majority, 90%, could not work from home. And 75% were men, even though men accounted for just 55% of study participants. Nearly 89% earned less than \$50,000 a year, and most lived in households of three to five people. Almost everyone who tested positive, 95%, was Latino, even though Latinos represented only 44% of study participants.”



Health

The coronavirus pandemic is pushing America into a mental health crisis

+ Add to list

Anxiety and depression are rising. The U.S. is ill-prepared, with some clinics already on the brink of collapse.

“This approaching wave of mental injuries will be met in coming months by a severely broken system.”



Isolation and economic upheaval caused by the coronavirus pandemic are already resulting in a sharp spike in people seeking mental health help. (Amanda Andrade-Rhoades for The Washington Post)

By **William Wan**

May 4, 2020 at 9:57 a.m. PDT

Disorder

akusamindbody.com

Mental Health Treatment

No MediCal/
MediCare. Primary
Mental Health Care.
Integrative
Treatment
Approach.

SHARE



U.S.

Nation's Top Mental-Health Official Warns Against a Second Coronavirus Lockdown

Comments highlight growing concern over the toll the shutdown is taking on mental health

“A second coronavirus lockdown could pose grave risks to the nation’s mental health, the country’s leading mental-health official said.”

“The increase in the number of suicides, fatal drug overdoses and instances of domestic abuse will be broad, deep and long-lasting, said Elinore McCance-Katz, the assistant secretary for mental health and substance use...”

<https://www.wsj.com/articles/nations-top-mental-health-official-warns-against-a-second-coronavirus-lockdown-11590066006>



HEALTH • COVID-19

COVID-19's Psychological Toll: Mental Distress Among Americans Has Tripled During the Pandemic Compared to 2018

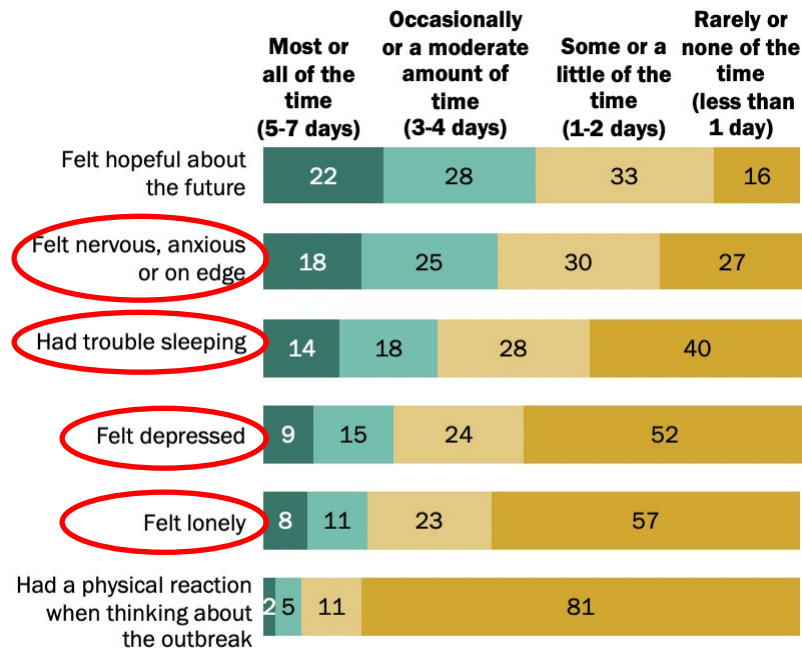
“Last month, roughly 70% of Americans experienced moderate-to-severe mental distress—triple the rate seen in 2018. “I expected there to be an increase, but even I was surprised by how large it was,” says Jean Twenge, coauthor of the study and a professor of psychology at San Diego State University.”

“In some ways, this is a perfect storm for mental health issues,” she says. “We’re dealing with social isolation, anxiety around health, and economic problems. All of these are situations linked to mental health challenges, and these are hitting many of us all at once.”

<https://time.com/5833619/mental-health-coronavirus/>

Pew Research Center

% saying that in the past seven days they have ...



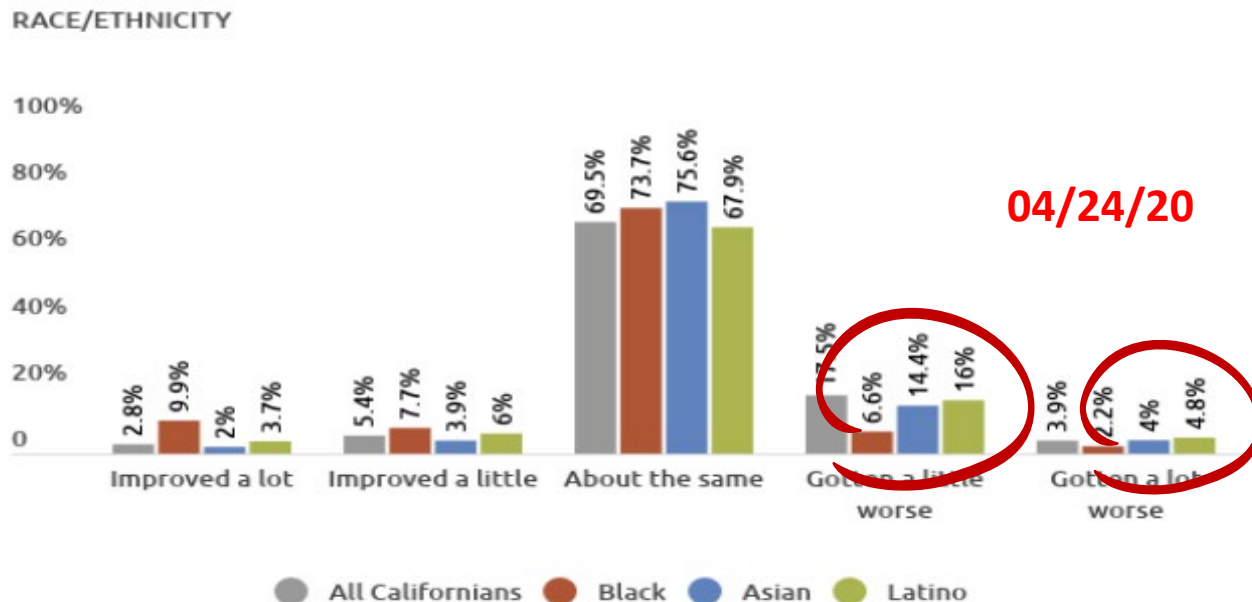
Note: Questions adapted from GAD-7, CES-D, Impact to Event Scale-Revised. Share of respondents who didn't offer an answer not shown.

Source: Survey of U.S. adults conducted March 19-24, 2020.

PEW RESEARCH CENTER

California Survey about the COVID-19 Impact on Mental Health

In thinking on the last 7 days, how has your mental health has changed, if at all?

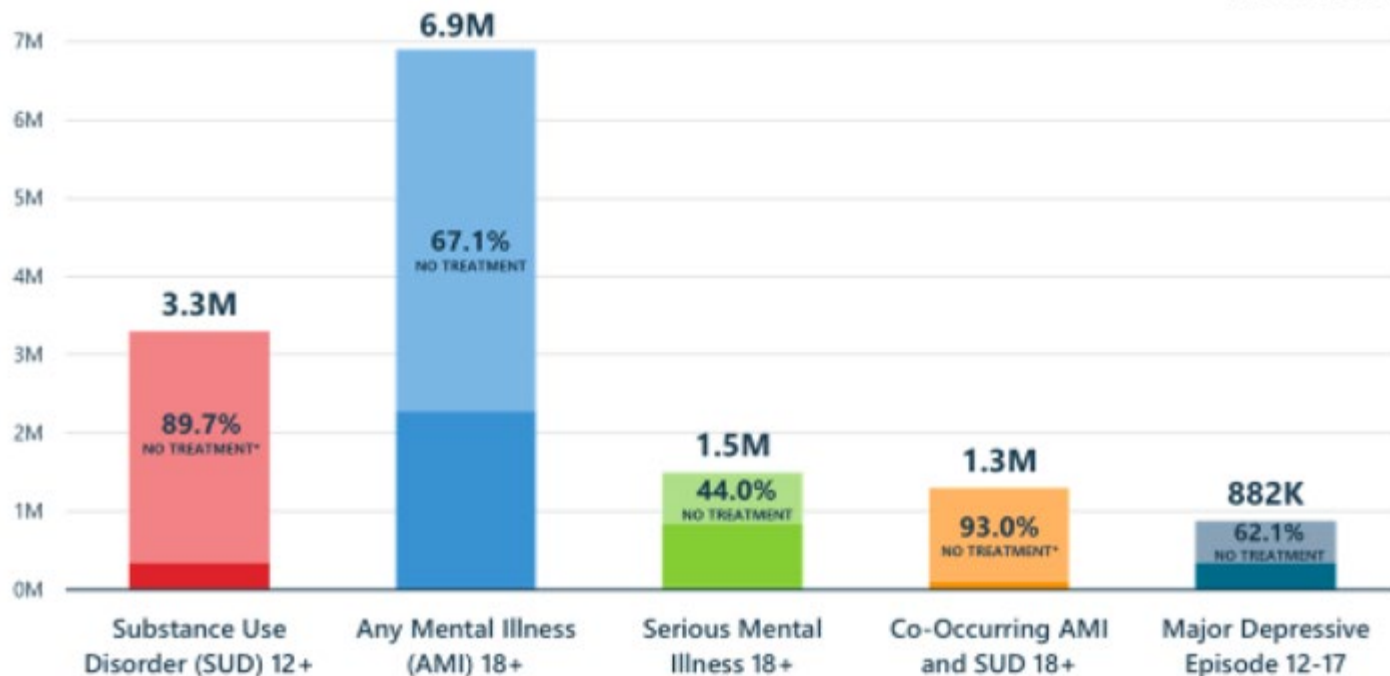


Source: Lisa Aliferis, California Health Care Foundation, provided the figure.

<https://www.chcf.org/blog/covid-19-tracking-poll-75-californians-support-shelter-place-as-long-as-needed/>

Despite Consequences and Disease Burden, Treatment Gaps among Hispanics Remain Vast

PAST YEAR, 2018 NSDUH, Hispanic 12+

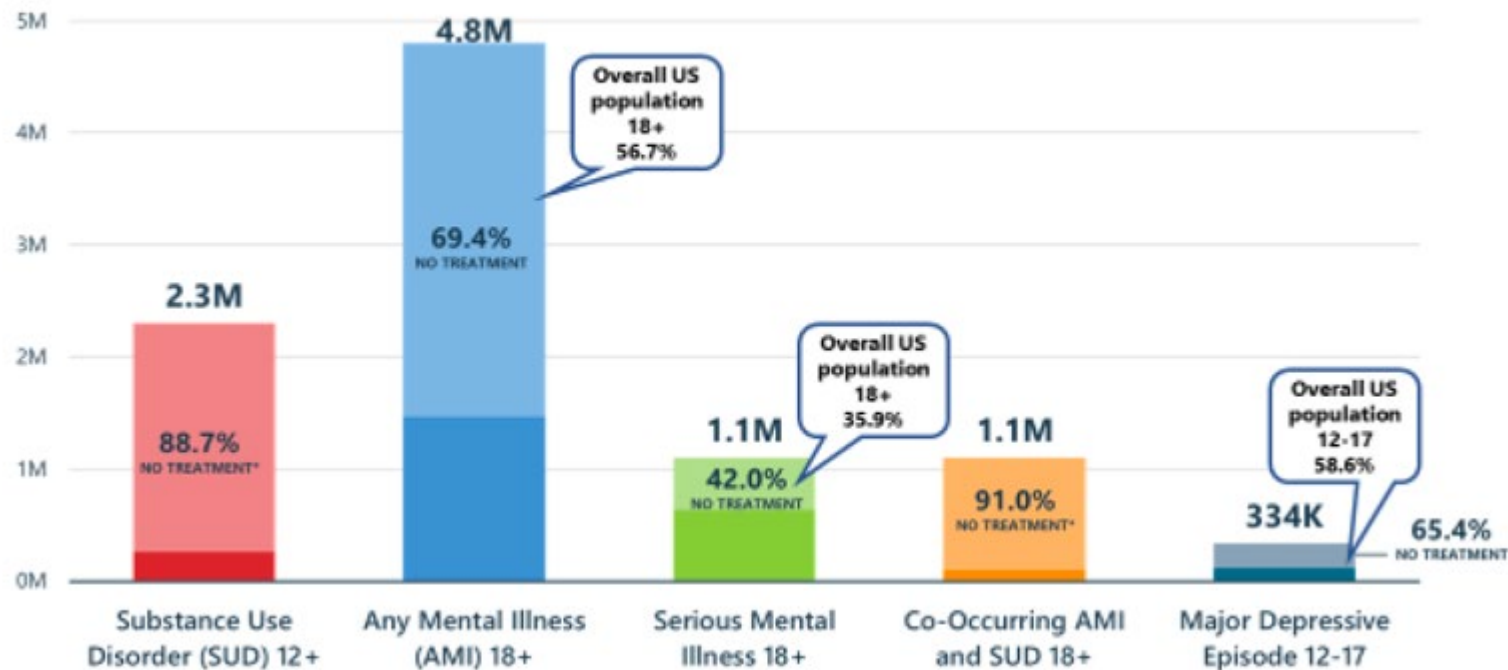


* No Treatment for SUD is defined as not receiving treatment at any location, such as a hospital (inpatient), rehabilitation facility (inpatient or outpatient), mental health center, emergency room, private doctor's office, self-help group, or prison/jail.

SAMHSA
Substance Abuse and Mental Health
Services Administration

Despite Consequences and Disease Burden, Treatment Gaps among African Americans Remain Vast

PAST YEAR, 2018 NSDUH, African American 12+



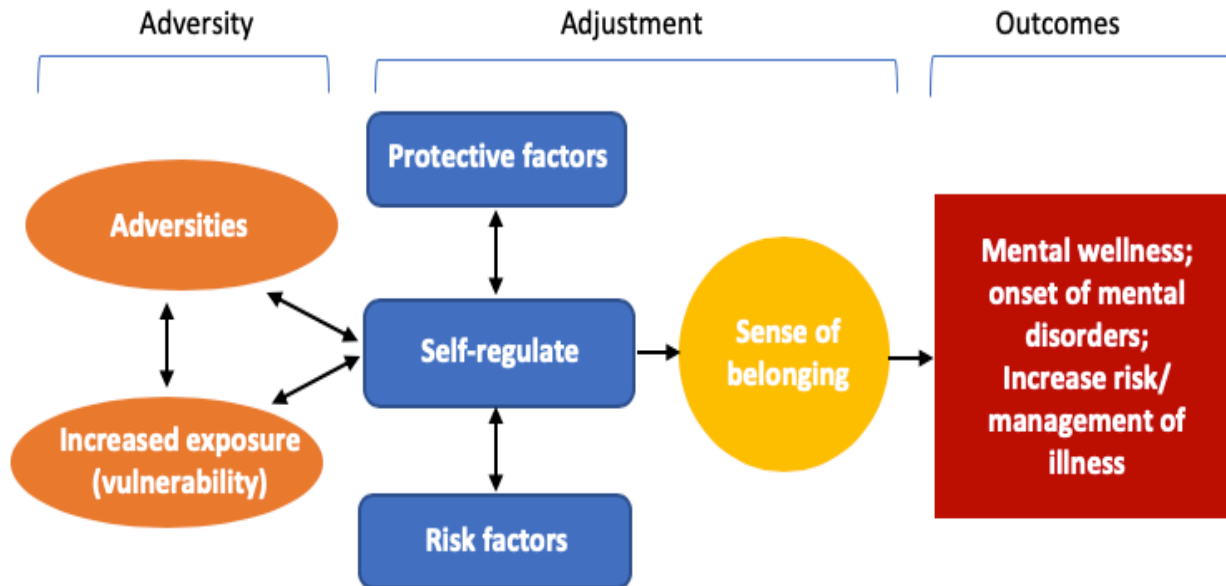
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SAMHSA
Substance Abuse and Mental Health
Services Administration

Resiliency

An individual's human ability to persevere in the face of adversity and demonstrate a capacity to overcome and self-regulate to deal with past, present, and future traumas and challenges.

Figure 1. A graphical description of the elements characterizing resilience of immigrants



10 Habits of Resiliency

1. Stay optimistic
2. Practice altruism
3. Cultivate a strong moral compass (i.e., set of beliefs that cannot be shattered)
4. Embrace faith and spirituality
5. Use your sense of humor
6. Find positive role models
7. Identify positive social supports
8. Don't avoid anxiety-provoking situations (i.e., leaving one's comfort zone)
9. Find meaning in life
10. Embrace training (i.e., practice, practice, practice)

