COVID-19 Social Problems in Contemporary America

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31,361,208 Cases of COVID-19 in the United States

563,606 Deaths by COVID-19 in the United States

22.9% Percentage of U.S. Population Fully Vaccinated

COVID-19 Impact

On the surface.

Numbers of cases, hospitalizations, deaths, vaccinations

What about...?

Socioeconomic Inequality and Poverty

Unemployment and Underemployment

Hazard Pay

Stimulus Packages

Foreclosures/Evictions

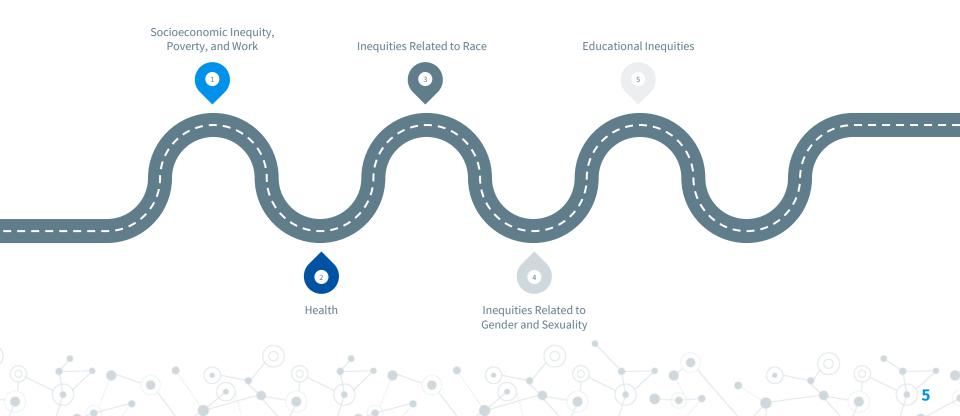
Access to Healthcare Affordable Healthcare Broadband Access Educational Inequities Issues Related to Race, Gender, and Sexuality

Project Goal

Evaluate how COVID-19 has exacerbated pre-existing social problems across various American social institutions.



Outline



Socioeconomic Inequality, Poverty, and Work



Food Insecurity

42 million people may be at risk of facing hunger as a result of COVID-19 (Feeding America, 2021).

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Billionaire Wealth

From March 2020 to January 2021, the combined wealth of American billionaires rose from \$3 trillion to \$4.1 trillion, (Collins, 2021). ____

Broadband Internet

42 million people in the United States do not have access to internet at home (Barna, 2020).

C Eviction/Foreclosure

Estimates suggest that 30-40 million Americans were at risk in August 2020 (Benfer et al., 2020).

Stimulus Money

8.1 million people fell below the poverty threshold in the last six months of 2020 after early CARES (Han et al., 2021).

Work

10% of U.S. jobs have been lost in the lowest wage group, compared with only 3% in the highest wage group, between February 2020 and February 2021 (Center on Budget and Policy Priorities, 2021).





Cost

The Kaiser Family Foundation estimated that around 47.5 million people were at risk of losing their employer insurance in April and May 2020, leading to around 30 million additional claims for unemployment health insurance plans (Antos & Capretta, 2020).

Telehealth

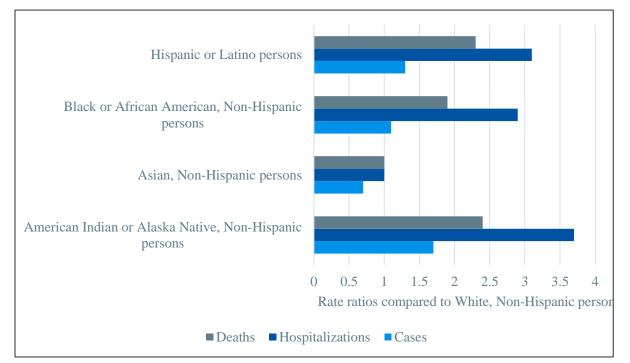
Limitations of telehealth include the need for in-person visits for urgent matters, privacy concerns, limited access to devices for all, lack of technological skills, and non-universal cultural acceptance (Centers for Disease Control and Prevention, 2020).

Health Literacy

Age, education level, socioeconomic status, disability status, race, and primary language have all been shown to be social determinants of health literacy (Office of Disease Prevention and Health Promotion, 2020).

Inequities Related to Race

Disease Risk – CDC, 2021



Treatment

One large population study found pulse oximeters missed hypoxemia (low blood oxygen concentration) readings in Black patients three times as often than in White patients (Sjoding et al., 2020).

Research

Demographic analysis of an early COVID-19 treatment clinical trial found that Black, Latinx, and Native Americans were underrepresented in the study samples despite their increased rates of cases, hospitalizations, and deaths in the real clinical world (Chastain et al., 2020).



All of these factors — underlying health conditions, dense living conditions, employment in the service industry or as an essential worker, access to health care and racism — contribute to the impact of COVID-19 on people of color (Marshall, 2020).

Inequities Related to Gender and Sexuality

Gender

Data from a recent study showed that for every ten women hospitalized or killed by COVID-19, there are twelve men who are hospitalized, eighteen men admitted to intensive care units, and fourteen men dying from the virus (Gerdeman, 2020).

Sexuality

According to the CDC, heterosexual individuals have lower rates of health conditions associated with severe COVID-19 manifestations including asthma, chronic obstructive pulmonary disease, stroke, kidney disease, cancer, and heart disease—compared to lesbian, gay, or bisexual individuals (Heslin & Hall, 2021).



Access to Resources

Data shows only 65.8% of children from households with an income under \$50,000 are using online resources for school while 85.8% of students from households with an income above \$100,000 are using these online resources (Mcelrath, 2020).

Teachers

Pre-pandemic research also reported that only a little over two-thirds of teachers reported having lessons on how to use computers in instruction—with satisfaction of these lessons being even lower (García and Weiss, 2020).

Food Insecurity

It is estimated that 1.15 billion meals were not provided to students qualifying for free and reduced lunch as a result of the 9-week closure between March 9 and May 1 (Kinsey, 2020).



References

- Antos, J., & Capretta, J. C. (2020, June 05). Job-Based insurance in A COVID-19 world. Retrieved March 09, 2021, from https://jamanetwork.com/channels/healthforum/fullarticle/2767069
- Barna, M. (2020, September). Access to internet crucial during COVID-19 outbreak: Broadband connection considered social determinant of health. Retrieved April 13, 2021, from https://www.thenationshealth.org/content/50/7/5.2
- Benfer, E., Robinson, D. B., Butler, S., Edmonds, L., Gilman, S., McKay, K. L., Neumann, Z., Owens, L., Steinkamp, N., Yentel, D. (2020). The COVID-19 Eviction Crisis: An Estimated 30-40 Million People in America are at Risk. National Low Income Housing Coalition. https://nlihc.org/sites/default/files/The_Eviction_Crisis_080720.pdf
- Chastain, D. B., Osae, S. P., Henao-Martínez, A. F., Franco-Paredes, C., Chastain, J. S., & Found, H. N. (2020, August 27). Racial disproportionality In Covid clinical Trials: NEJM. Retrieved March 15, 2021, from https://www.nejm.org/doi/full/10.1056/NEJMp2021971
- Collins, C. (2021, January 26). U.S. billionaire wealth surpasses \$1.1 trillion gain since mid March. Retrieved February 23, 2021, from https://ips-dc.org/10-months-in-us-billionaire-wealth-surpasses-1-1trillion/
- Coronavirus world map: Tracking the global outbreak. (2020, January 28). Retrieved February 23, 2021, from https://www.nytimes.com/interactive/2020/world/coronavirusmaps.html
- Donate to Feeding America's coronavirus Response Fund. (2021). Retrieved April 13, 2021, from https://www.feedingamerica.org/takeaction/coronavirus
- García, E., & Weiss, E. (2020, September 10). COVID-19 and student performance, equity, and U.S. education policy: Lessons From pre-pandemic research to inform relief, recovery, and rebuilding. Retrieved April 14, 2021, from https://www.epi.org/publication/the-consequences-of-the-covid-19-pandemic-for-education-performance-and-equity-in-the-united-states-what-can-we-learn-from-pre-pandemic-research-to-inform-relief-recovery-and-rebuilding/
- Gerdeman, D. (2020, October 29). The covid gender gap: Why fewer women are dying. Retrieved April 05, 2021, from https://hbswk.hbs.edu/item/the-covid-gender-gap-why-fewer-women-are-dying
- Han, J., Meyer, B. D., & Sullivan, J. X. (2021, February 17). Real-time poverty estimates during the COVID-19 pandemic through January 2021. Retrieved February 22, 2021, from http://povertymeasurement.org/wp-content/uploads/2021/02/Monthly_poverty_rates_updated_thru_Jan_2021_v5.pdf
- Heslin, K. C., & Hall, J. E. (2021, February 5). Sexual orientation disparities in risk factors for adverse COVID-19–related outcomes, by race/ethnicity Behavioral risk factor surveillance system, United States, 2017–2019. Retrieved April 06, 2021, from https://www.cdc.gov/mmwr/volumes/70/wr/mm7005a1.htm#suggestedcitation
- Kinsey, E. W., Hecht, A. A., Dunn, C. G., Levi, R., Read, M. A., Smith, C., Niesen, P., Seligman, H. K., & Hager, E. R. (2020). School Closures During COVID-19: Opportunities for Innovation in Meal Service. American journal of public health, 110(11), 1635–1643. https://doi.org/10.2105/AJPH.2020.305875
- Marshall, W. F. (2020, August 13). Why is Covid-19 more severely affecting people of color? Retrieved March 15, 2021, from https://www.mayoclinic.org/diseasesconditions/coronavirus/expert-answers/coronavirus-infection-by-race/faq-20488802
- Mcelrath, K. (2020, August 26). Schooling during the COVID-19 pandemic. Retrieved April 14, 2021, from https://www.census.gov/library/stories/2020/08/schooling-during-the-covid-19-pandemic.html
- Risk for Covid-19 infection, hospitalization, and death by race/ethnicity. (2021, March 12). Retrieved March 15, 2021, from https://www.cdc.gov/coronavirus/2019ncov/covid-data/investigations-discovery/hospitalization-death-by-race-ethnicity.html#footnote03
- Sjoding, M. W., Dickson, R. P., Iwashyna, T. J., Gay, S. E., & Valley, T. S. (2020, December 17). Racial bias in pulse oximetry measurement. Retrieved March 15, 2021, from https://www.nejm.org/doi/full/10.1056/NEJMc2029240
- Tracking the covid-19 recession's effects on food, housing, and employment hardships. (2021, March 5). Retrieved March 08, 2021, from
 - https://www.cbpp.org/research/poverty-and-inequality/tracking-the-covid-19-recessions-effects-on-food-housing-and
- Using telehealth to expand access to essential health services during the Covid-19 pandemic. (2020, June 10). Retrieved March 08, 2021, from

https://www.cdc.gov/coronavirus/2019-ncov/hcp/telehealth.html