**[[Introduction]]**

Let’s talk about COVID vaccinations. Specifically, how do vaccinations decrease new cases and deaths?

By mid-November 2021, 57% of the United States Population was fully vaccinated. Like many things in the United States, we can see that vaccinations are not evenly distributed across all communities.

**[[Problem Statement]]**

Which leads to this question: What are the difference in COVID outcomes between these communities? And These?

**[[Problem Background]]**

It's easy to assume measuring vaccine outcomes would be easy. As vaccine uptake increases, outcomes should improve. And for this period time... it was. However, vaccines are only one tool in the COVID mitigation toolkit. Sheltering In Place, Hand Hygiene, Masking, Testing, Contact Tracing, Social Distancing, and Isolation are just some of the other factors that affect COVID community transmission rates.

This is evidenced by the 2021 COVID Summer Surge. By July 1st 2021, New COVID Cases across the nation were at an all-time low. 46% of the country was vaccinated and there was a collective sense that normalcy was right around the corner. The entire country breathed a collective sigh of relief and many communities began relaxing COVI D restrictions.

Just as we let our guard down, the highly transmissible Delta variant became dominant and COVID cases surged across the country. This is where we can measure the differences in COVID outcomes across the country.

**[[Results]]**

<Show animated Race Graphics> [Maybe insert Dramatic Music]

**[[Conclusion]]**

The difference in COVID outcomes between these counties and these is stark. The higher vaccinated counties had a 61% fewer cases and a stunning 92% reduction in deaths per captia.

more vaccines equate to less suffering and death from COVID-19. Increased vaccine uptake will dramatically reduce the societal impacts of COVID-19. The sooner the country gets vaccinated the sooner we get back to normal.

Audio Track: Spectrum

https://freemusicarchive.org/music/Xylo-Ziko/the-edge-of-nowhere