COVID**MINDER**

OUTCOME (maps)
Select a USA or state outcome ▾

OUTCOME (graphs)
Select a state outcome ▾

MEDIATION
Select a USA mediation ▾

DETERMINANT
Select a USA determinant ▾

COVIDMINDER reveals the regional disparities in outcomes, determinants, and mediations of the COVID-19 pandemic. Outcomes are the direct effects of COVID-19. Social and Economic Determinants are pre-existing risk factors that impact COVID-19 outcomes. Mediations are resources and programs used to combat the pandemic.

Outcome: What are the disparities between states in rates of COVID-19 deaths per 100k population when compared to the average USA rate?

The rate of COVID-19 deaths per 100k in a state is:
● **Higher** than US avg. rate for disparity index > 0.2
○ **About equal** to US avg. rate for -0.2 < disparity index < 0.2
● **Lower** than US avg. rate for disparity index < -0.2
Darker shades indicate greater disparity.

Mortality Rate = number of COVID-19 deaths per 100K population
Death Rate Disparity Index = log(Mortality Rate in state/mean Mortality Rate of US)
Date: 05-12-2020

DATA SOURCE: JHU CSSE (daily)

COVIDMINDER analysis and visualizations by students and staff of The Rensselaer Institute for Data Exploration and Applications at Rensselaer Polytechnic Institute. **COVIDMINDER** is an open source project implemented on the **R Shiny platform**; see the **COVIDMINDER github** for more information.
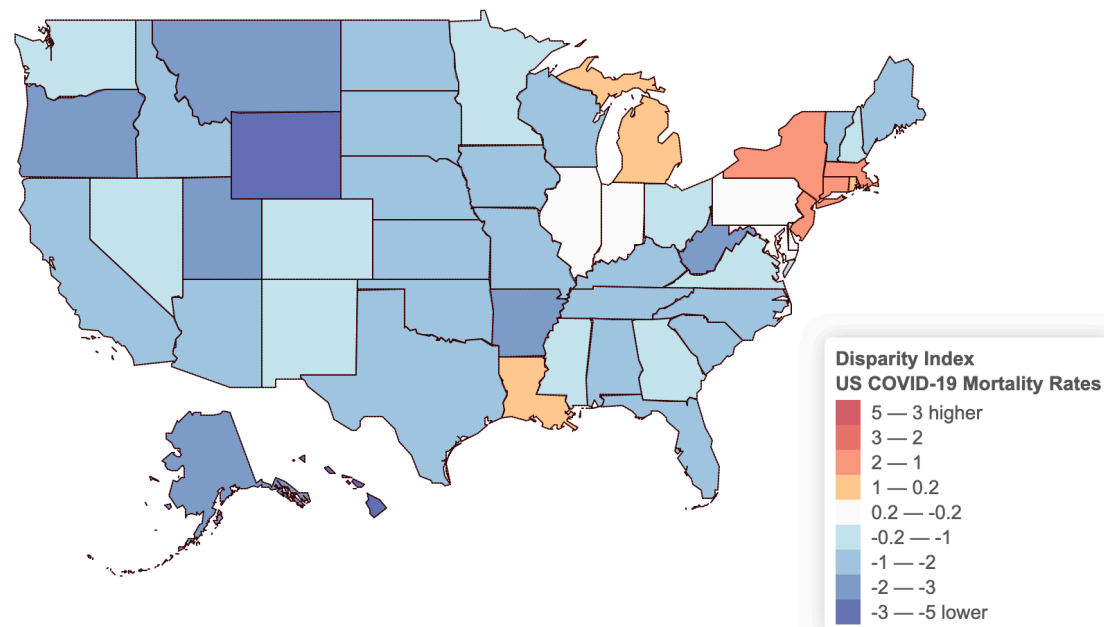
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Rensselaer Statement of Accessibility

COVID-19 Mortality Rate Disparities by State Compared to Average US Rate

Disparity Index
US COVID-19 Mortality Rates

	5 — 3 higher
	3 — 2
	2 — 1
	1 — 0.2
	0.2 — -0.2
	-0.2 — -1
	-1 — -2
	-2 — -3
	-3 — -5 lower

Leaflet | © Mapbox © OpenStreetMap contributors Improve this map

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DETERMINANT
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COVID**MINDER**

SELECT A USA OF STATE OUTCOME

OUTCOME (MAPS)   OUTCOME (GRAPHS)   MEDIATION   DETERMINANT

DIALOG 'HELP' TEXT SHOWN ON HOVER

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OUTCOME (MAPS)   OUTCOME (GRAPHS)   MEDIATION   DETERMINANT

OUTCOME (USA)
Mortality Rates

OUTCOME (USA)
Racial/Ethnic Diversity

OUTCOME (NY)
Mortality Rates

OUTCOME (NY)
COVID-19 Confirmed Cases

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