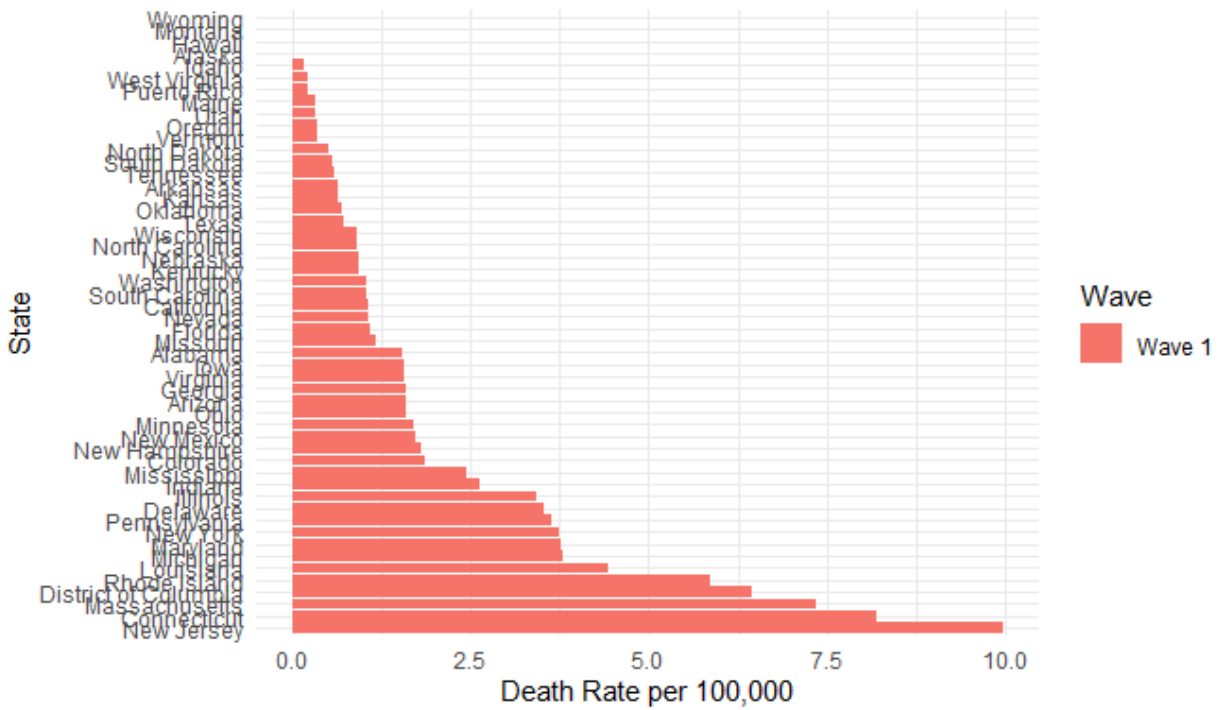
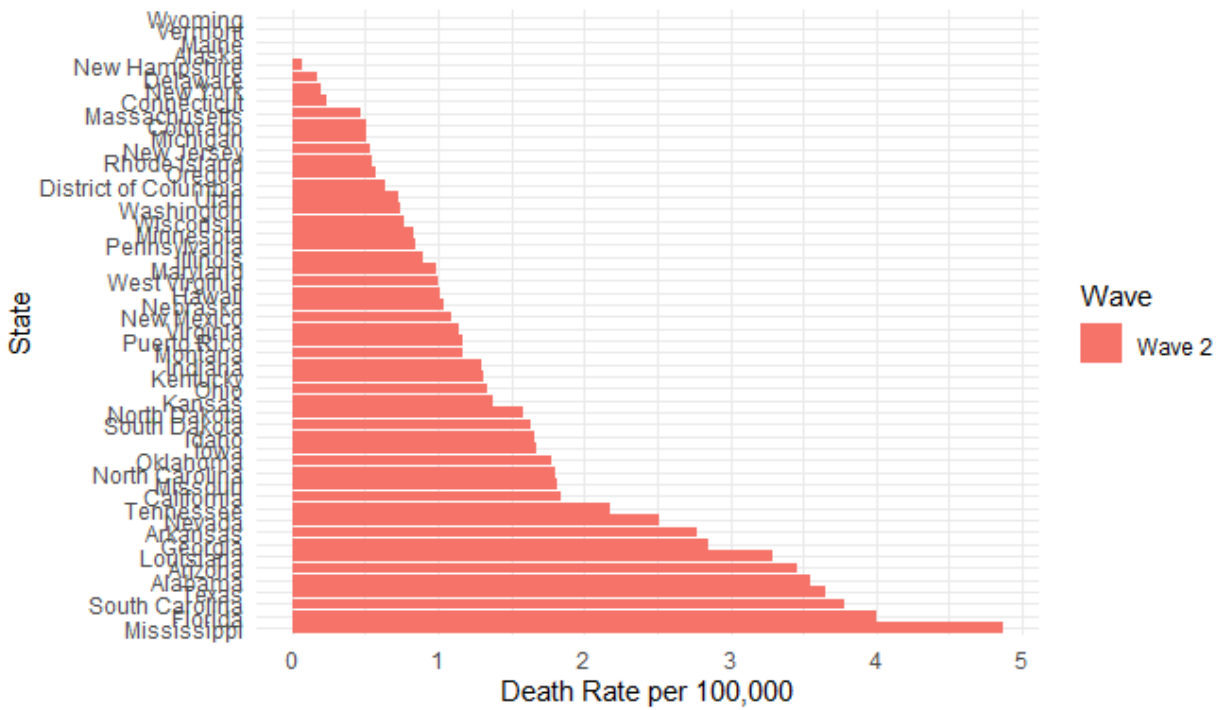


Supplemental Materials

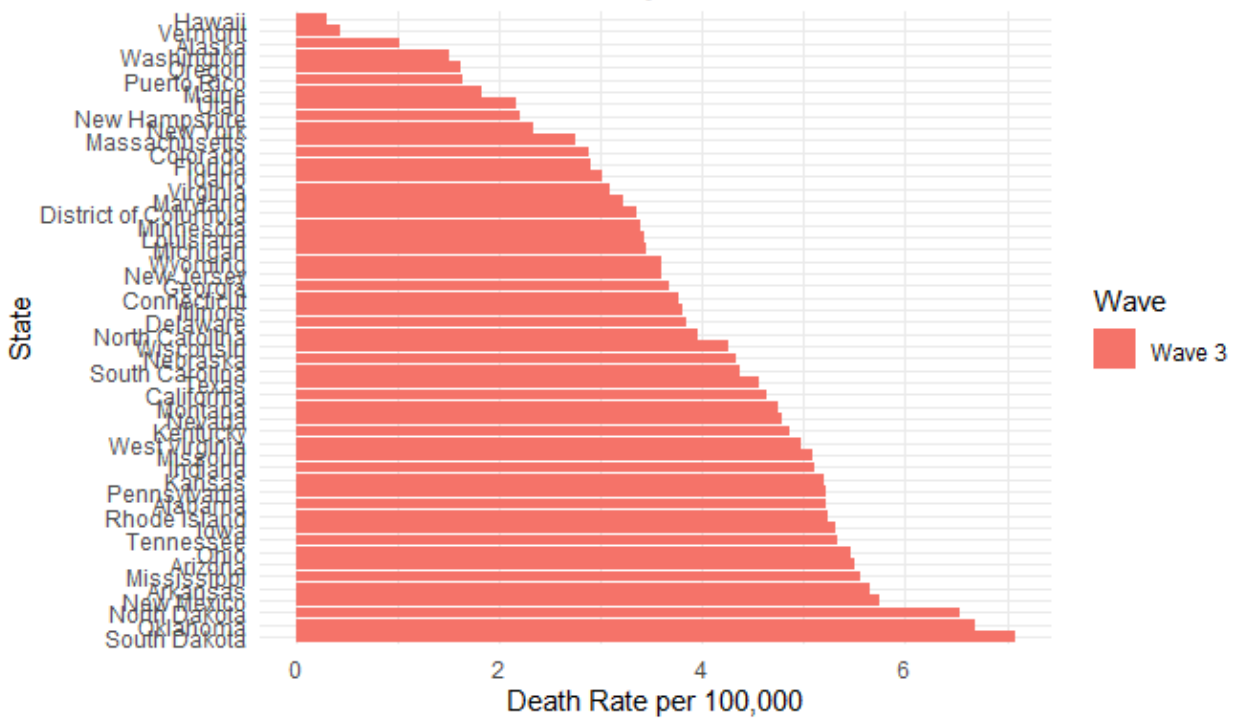
COVID-19 Death Rates by State - Wave 1



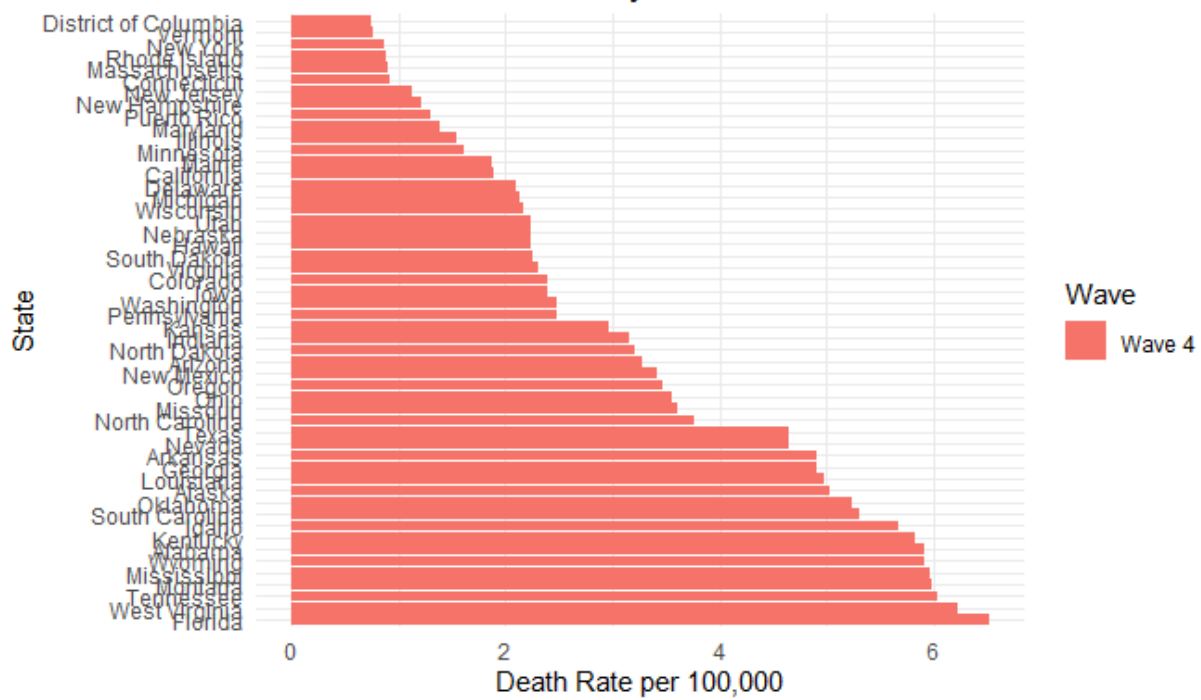
COVID-19 Death Rates by State - Wave 2



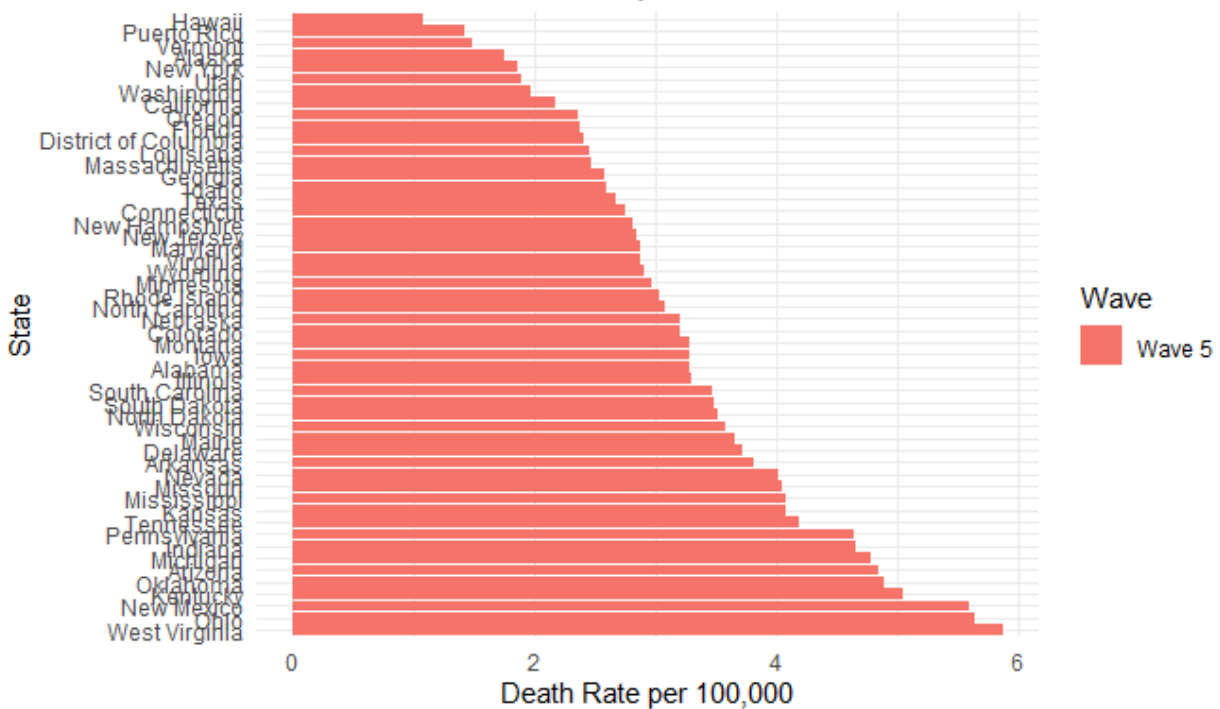
COVID-19 Death Rates by State - Wave 3



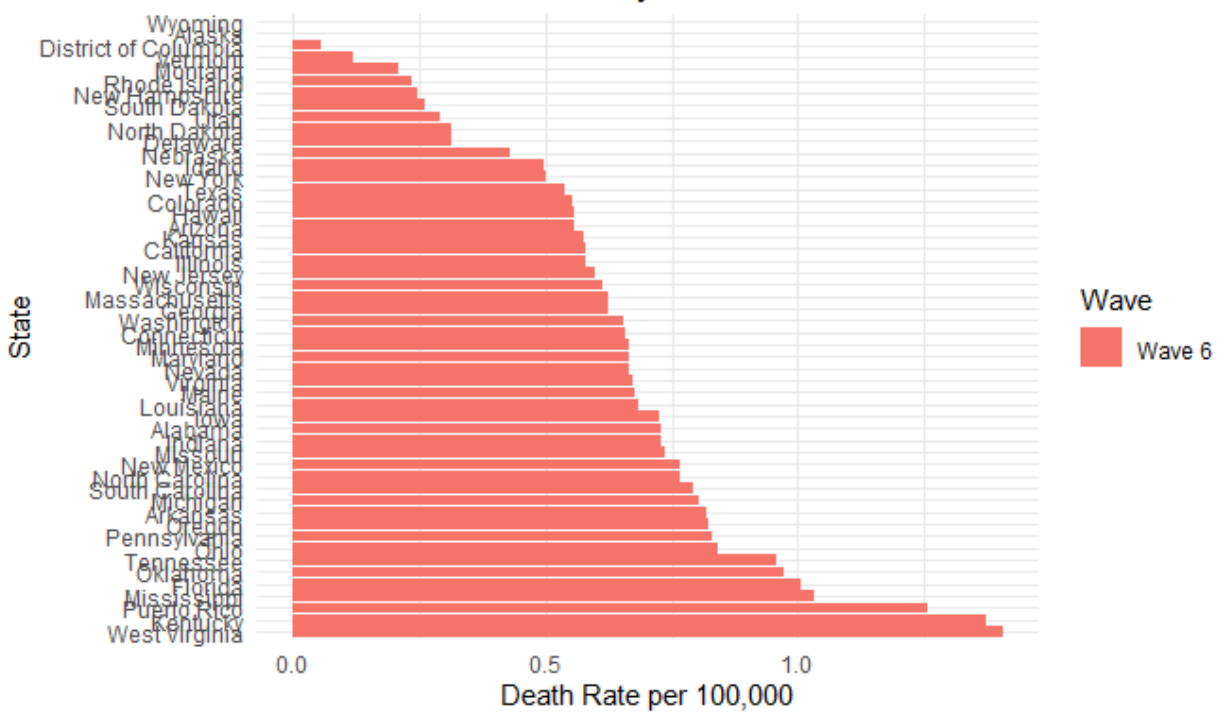
COVID-19 Death Rates by State - Wave 4



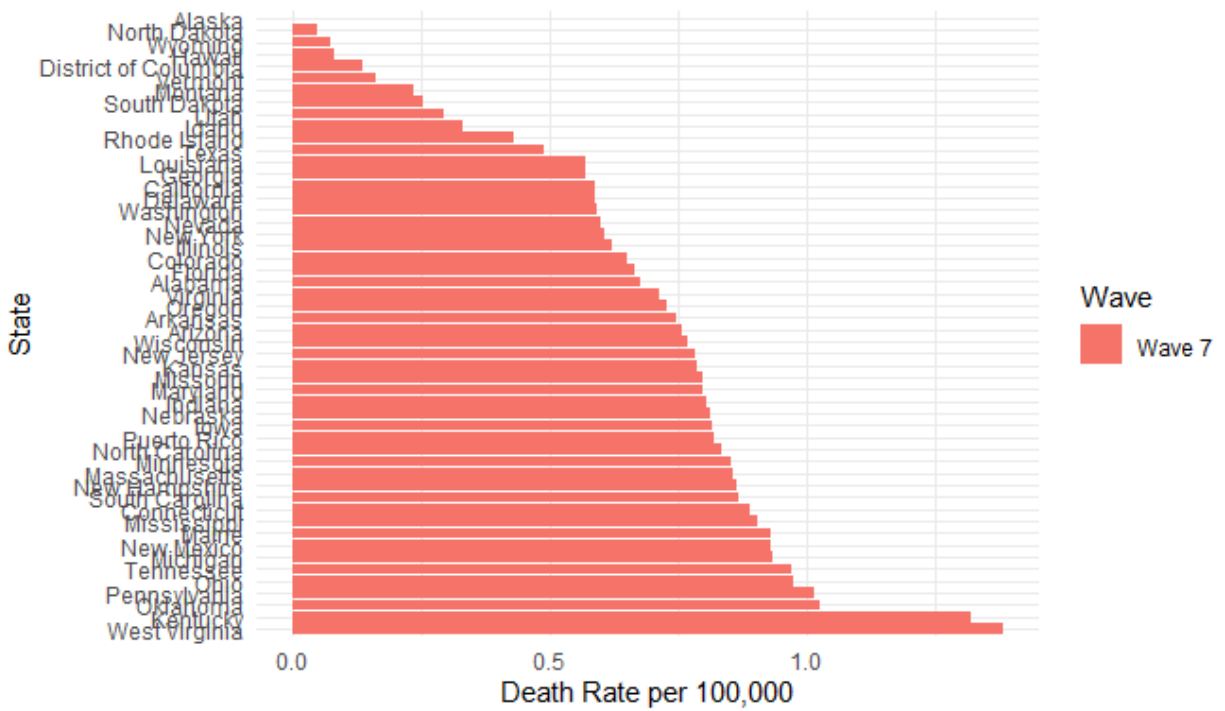
COVID-19 Death Rates by State - Wave 5



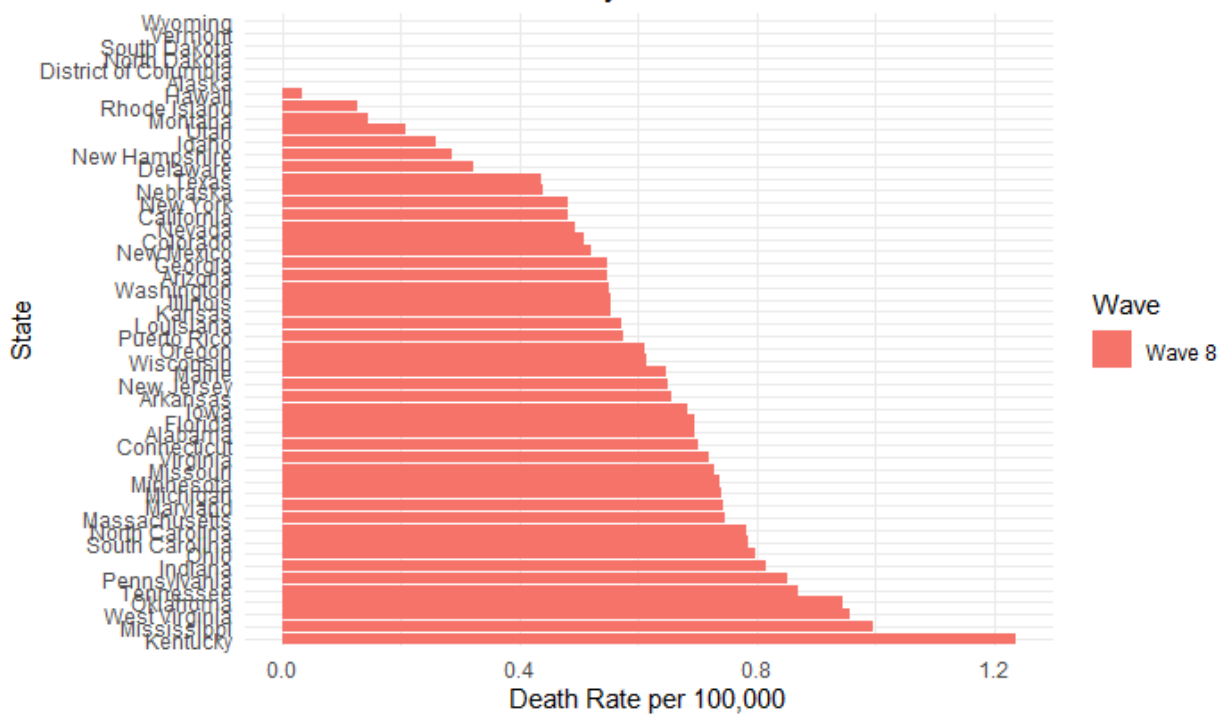
COVID-19 Death Rates by State - Wave 6



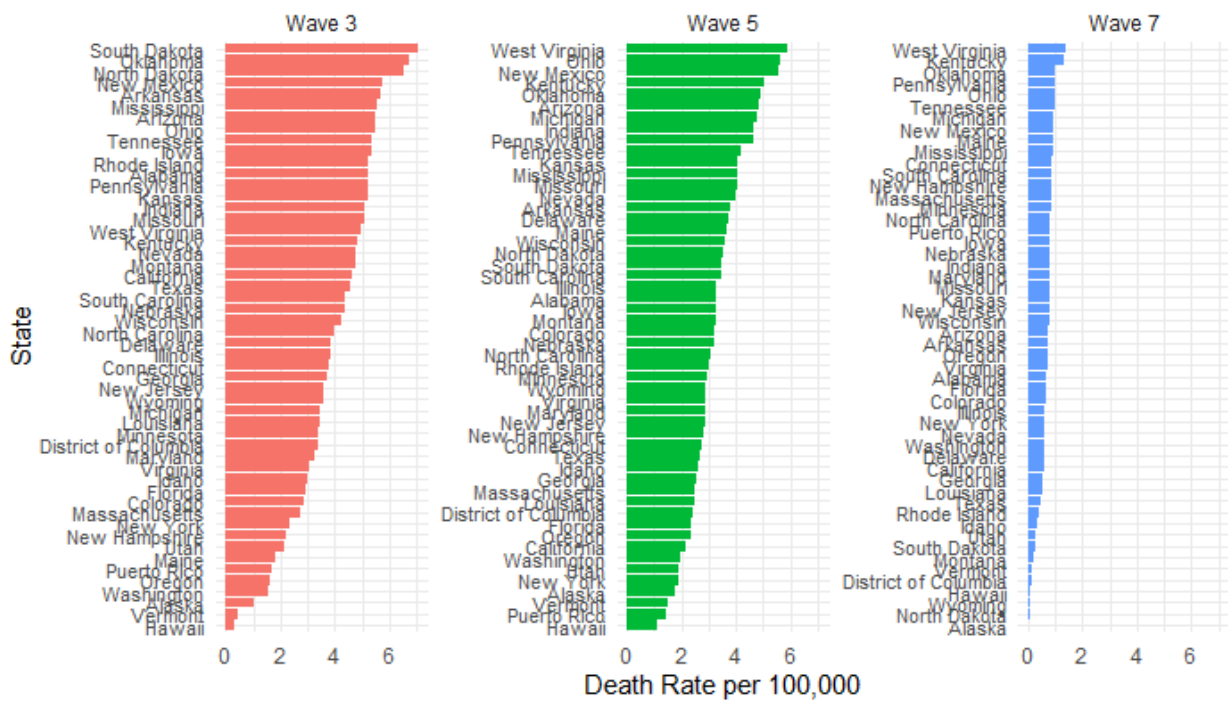
COVID-19 Death Rates by State - Wave 7



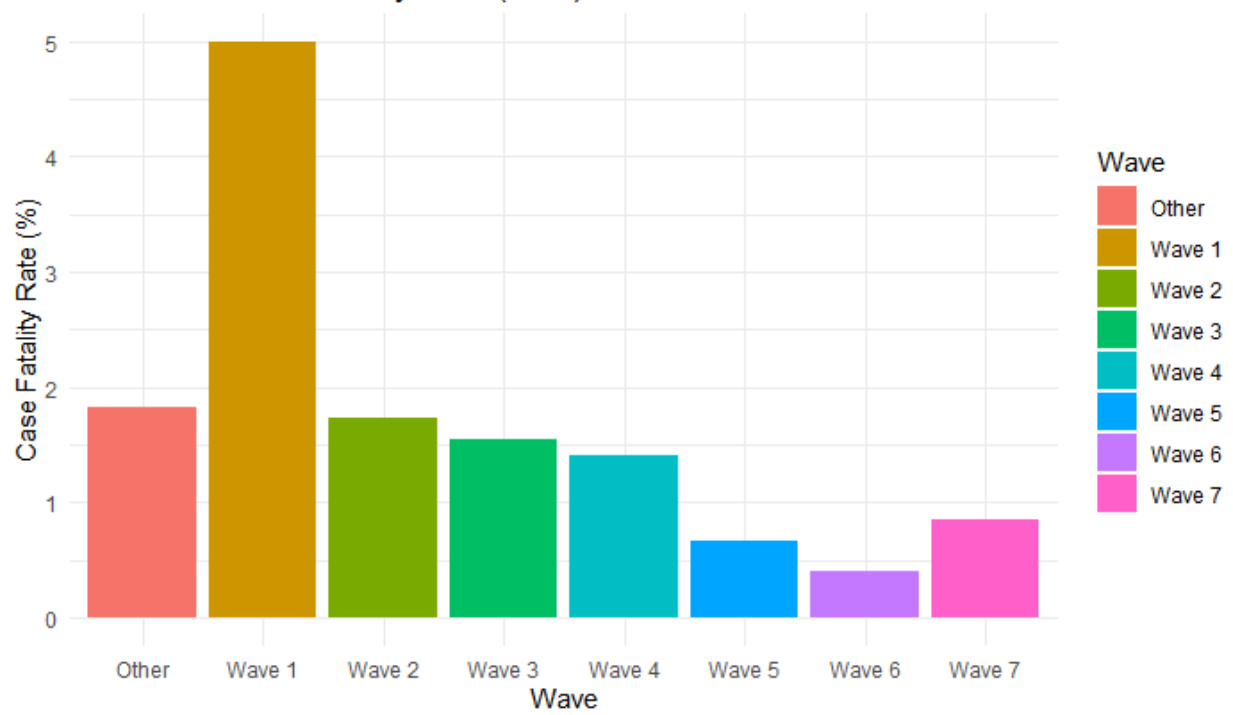
COVID-19 Death Rates by State - Wave 8



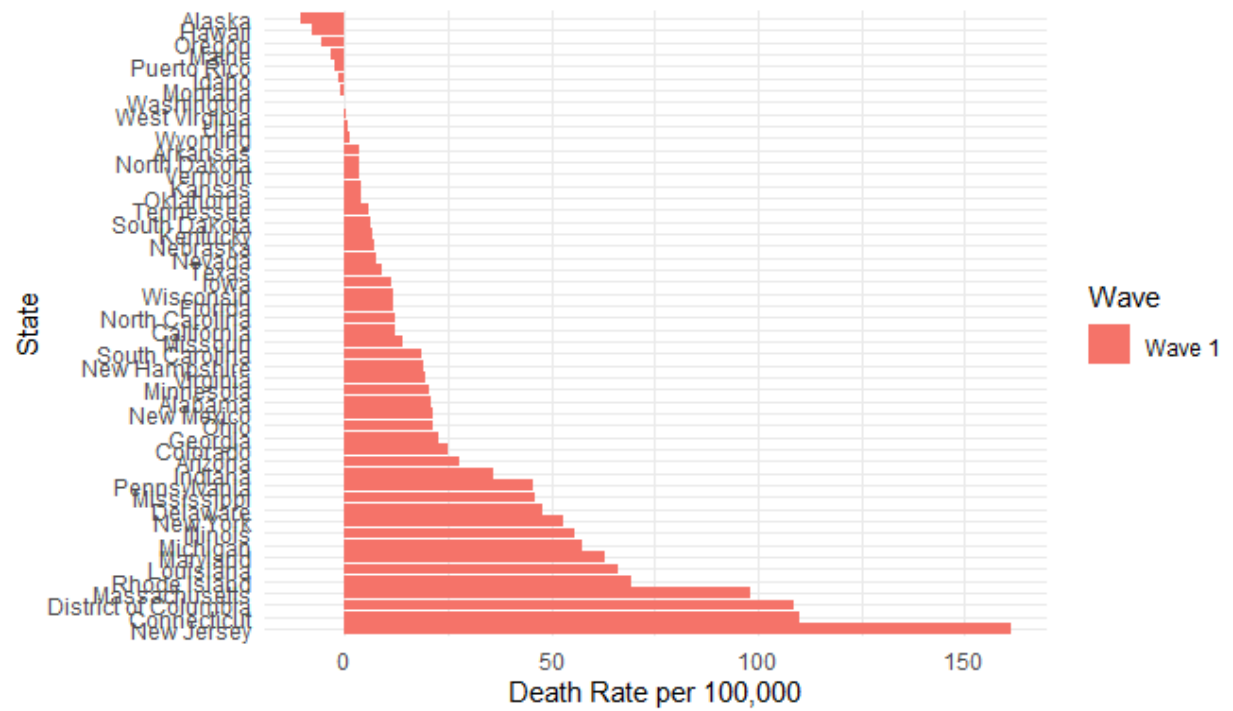
COVID-19 Death Rates by State for Waves 3, 5, and 7



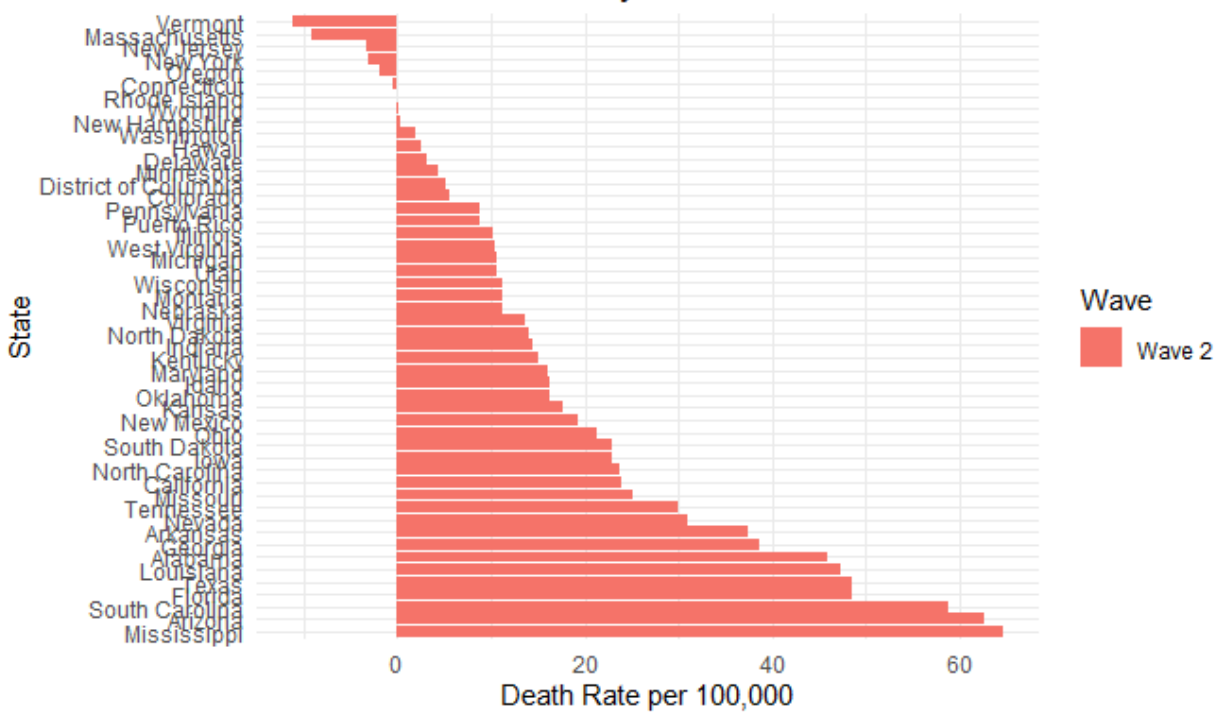
COVID-19 Case Fatality Rate (CFR) Across Waves



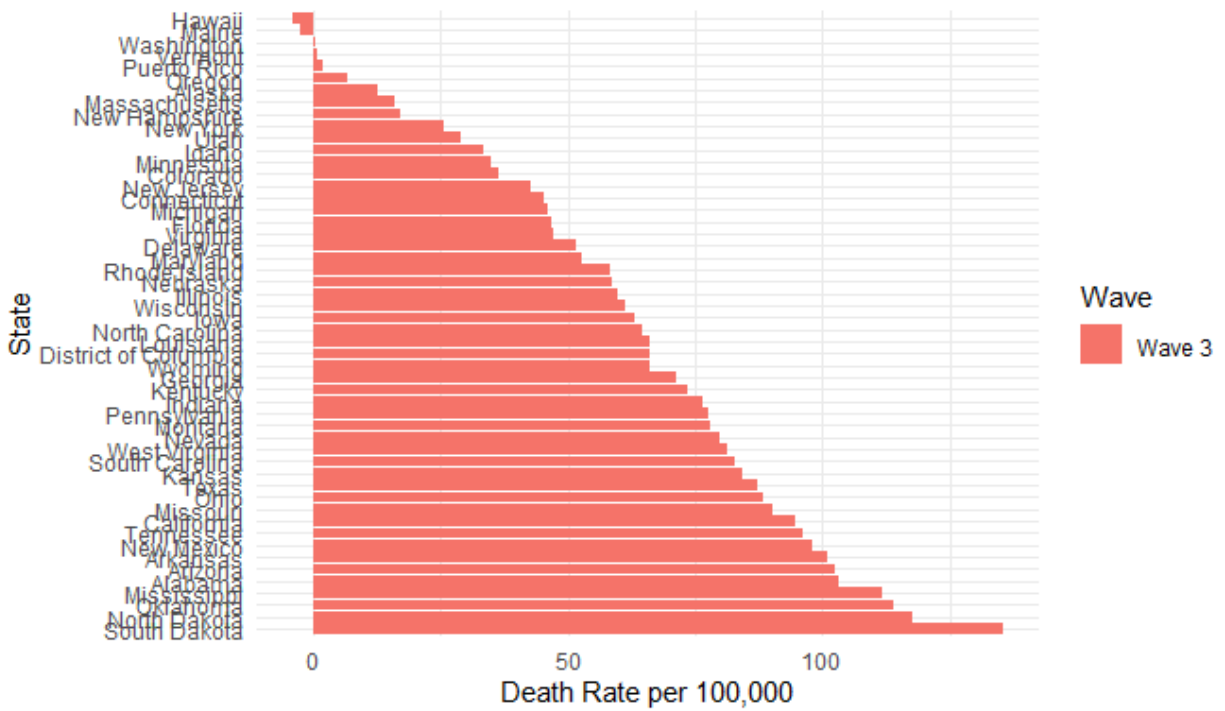
EXCESS Death Rates by State - Wave 1



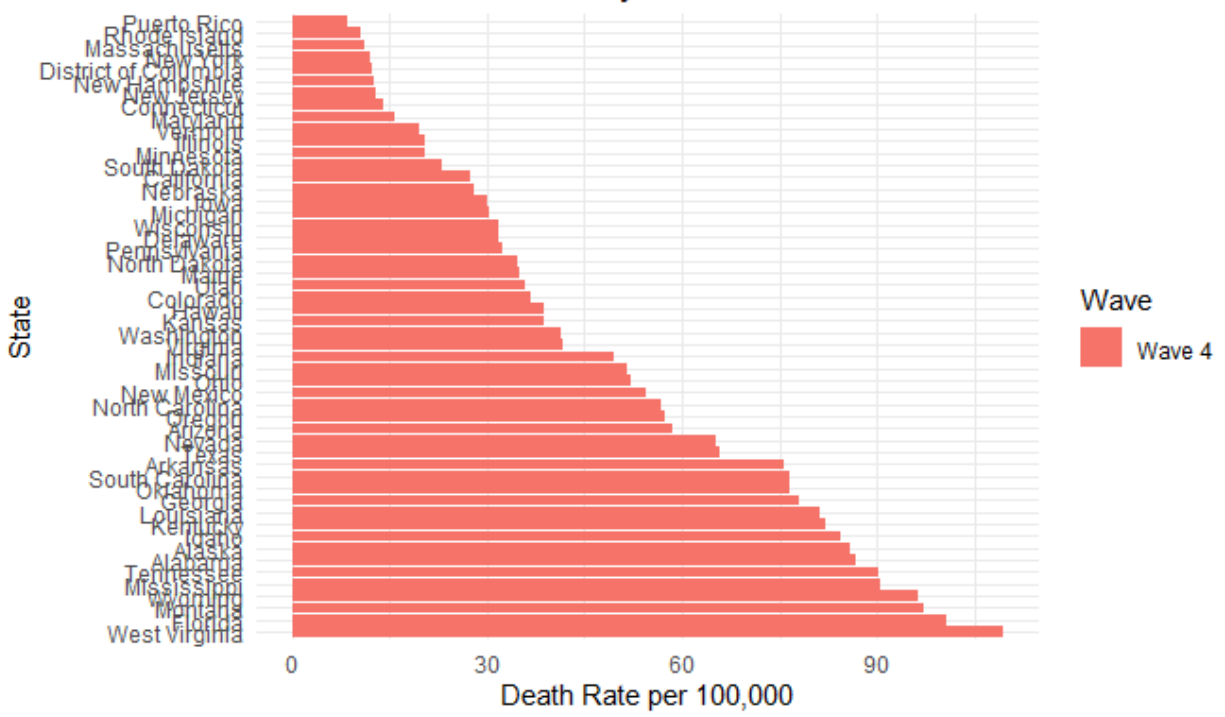
EXCESS Death Rates by State - Wave 2



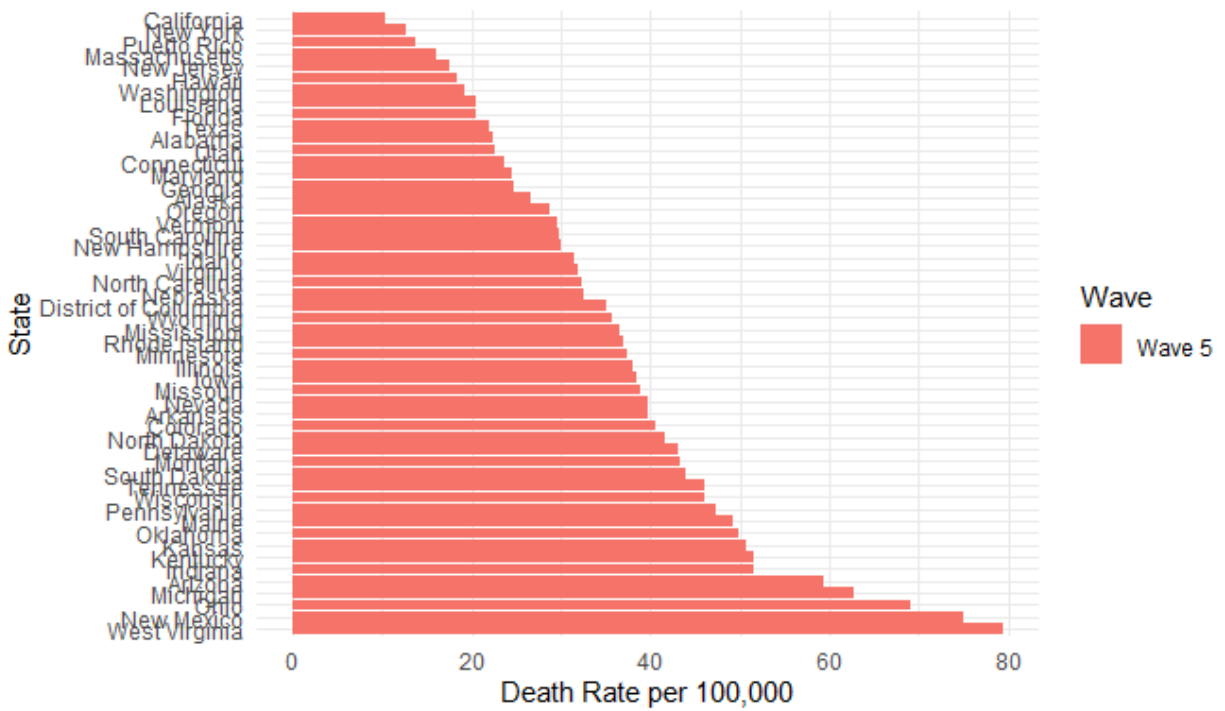
EXCESS Death Rates by State - Wave 3



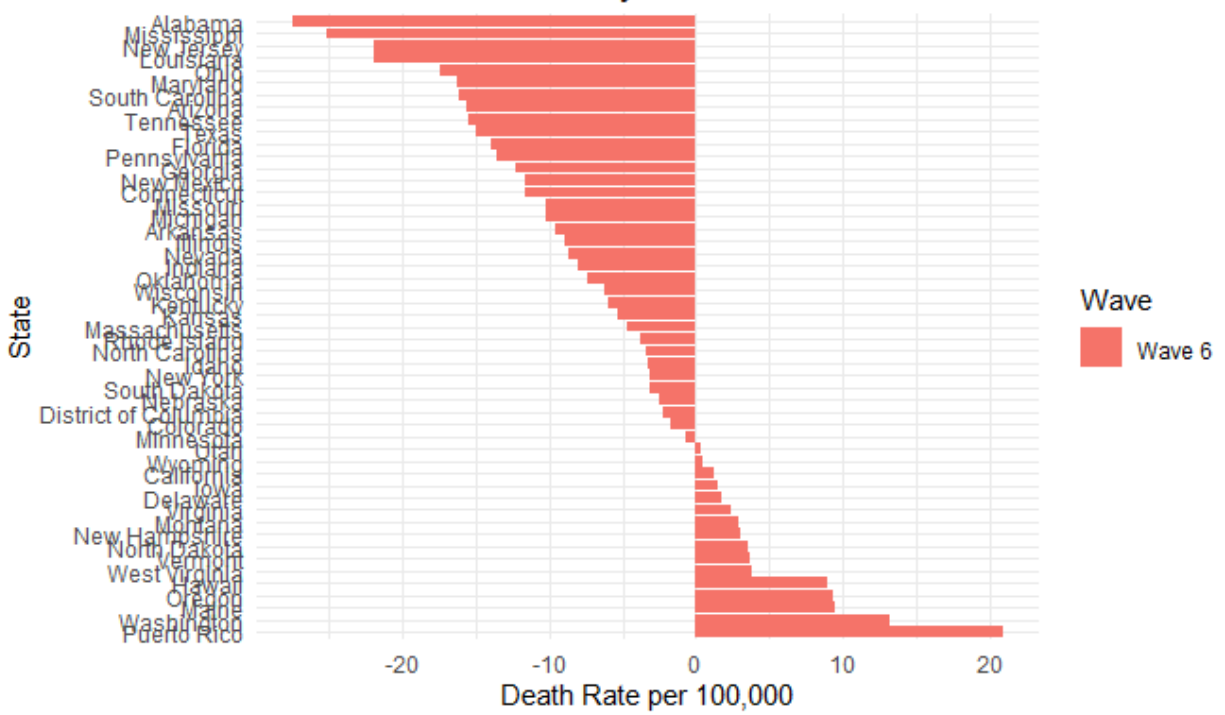
EXCESS Death Rates by State - Wave 4



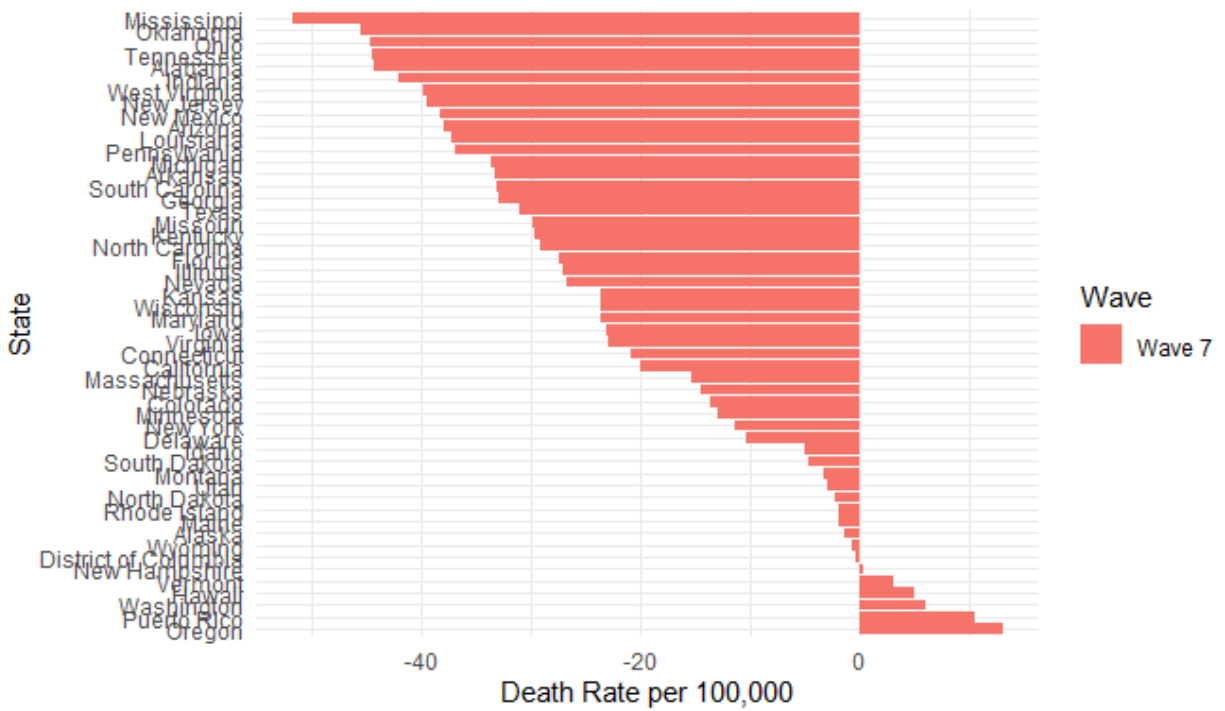
EXCESS Death Rates by State - Wave 5



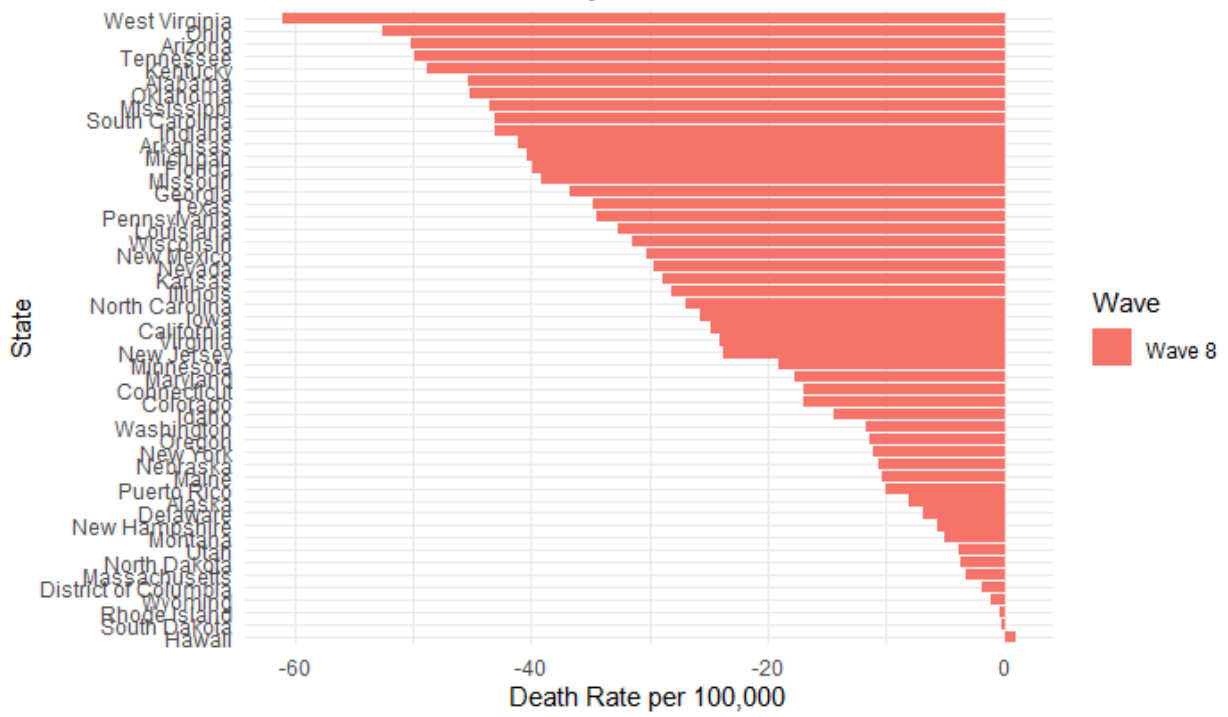
EXCESS Death Rates by State - Wave 6



EXCESS Death Rates by State - Wave 7



EXCESS Death Rates by State - Wave 8



Overlap of Weekly COVID-19 Deaths and Excess Mortality

Legend COVID-19 Deaths Excess Mortality

