

BRIEFING (FIVE MINUTES) ON US VIRAL OUTBREAK : The Spread of COVID-19 in the US as of March 24, 2020 (Source: CDC*, USA)

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US VIRAL OUTBREAK BRIEFING (Source: CDC*, USA):**The Spread of COVID-19 in the US as of March 24, 2020**

As of March 24, 2020 there has been a total of 44,183 COVID-19 confirmed cases in the US, of which 569 were transmitted through close contact relations and 479 travel related while the remaining 43,135 are under investigation for method of transmission. Total deaths is on the increase and currently stands at 1.2 % (544) of total confirmed cases.

Spread across states

Confirmed cases of this outbreak across states range 0 to 21689, with New York having the highest number of cases while 5 states (American Samoa, Marshall Islands, Micronesia, Northern Marianas and Palau) have no reported cases as of now. Arranging states in decreasing order of impact of COVID-19 outbreak revealed the top 15 (25%) states have reported cases that ranged 416 and 21689 while the bottom 15 states have cases less than 51. With median reported cases currently at 191, implied 29 states have cases below this mark, Figure 1, 2 and 3.

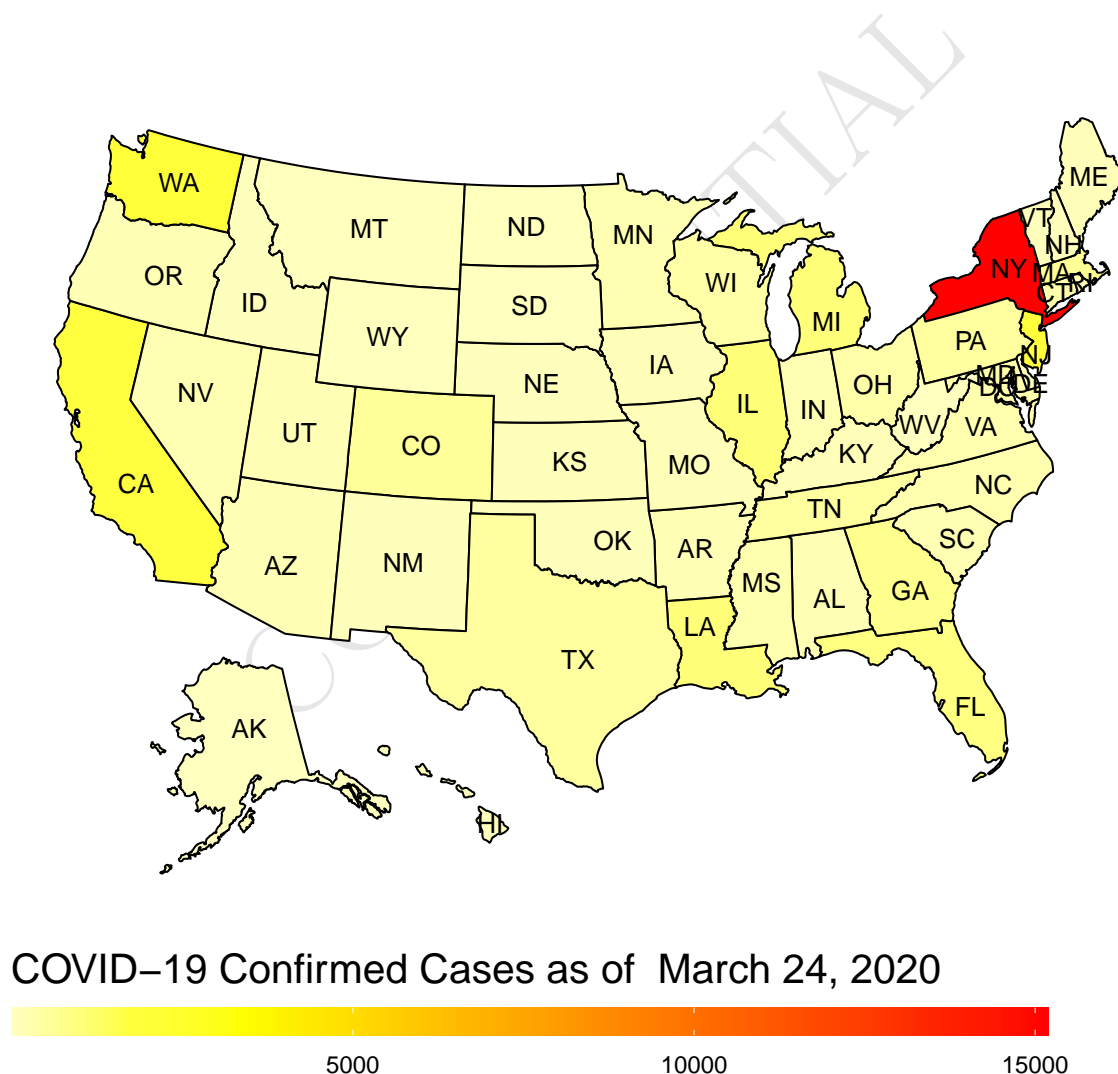


Figure 1: A heat map of US showing the spread of COVID-19 across states

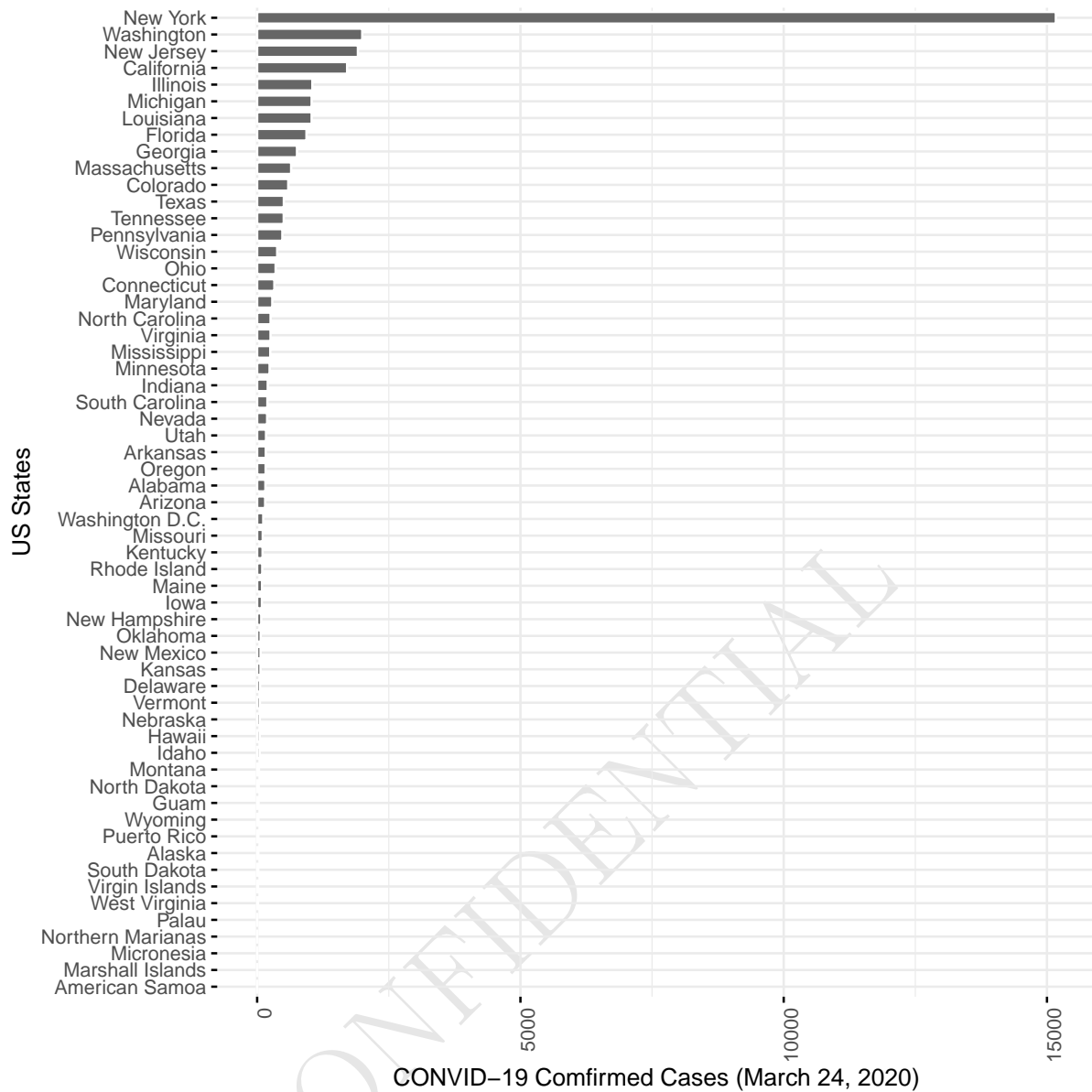


Figure 2: A barplot showing US states in decreasing order of outbreak, with other US territories depicting minimal or no spread of COVID-19

Zooming in on Figure 2 above as:
a) Top 30 states with worse outbreak

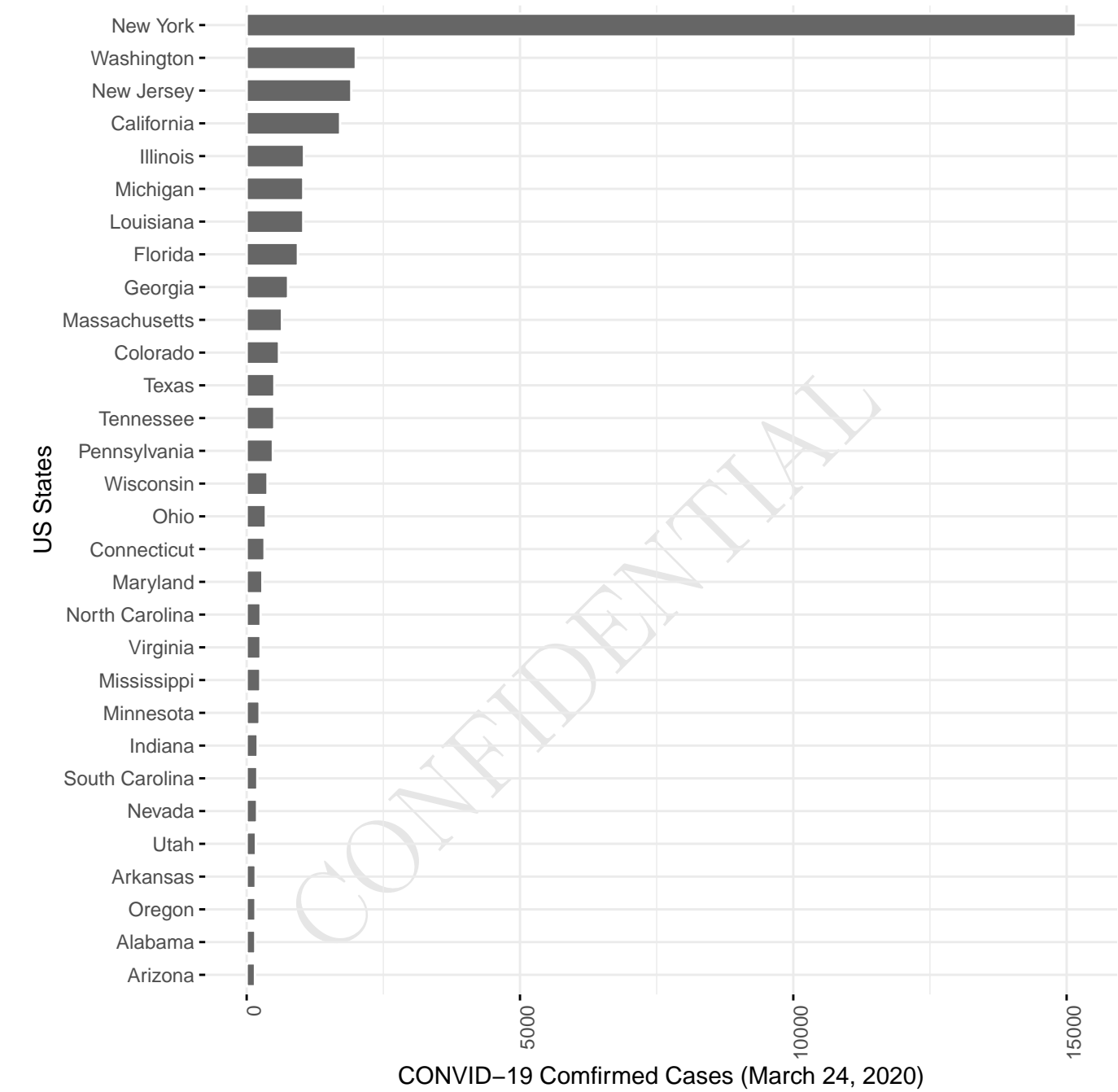


Figure 3: Top 30 states with higher impact by the COVID19 pandemic

b) Bottom 29 states with bad outbreak

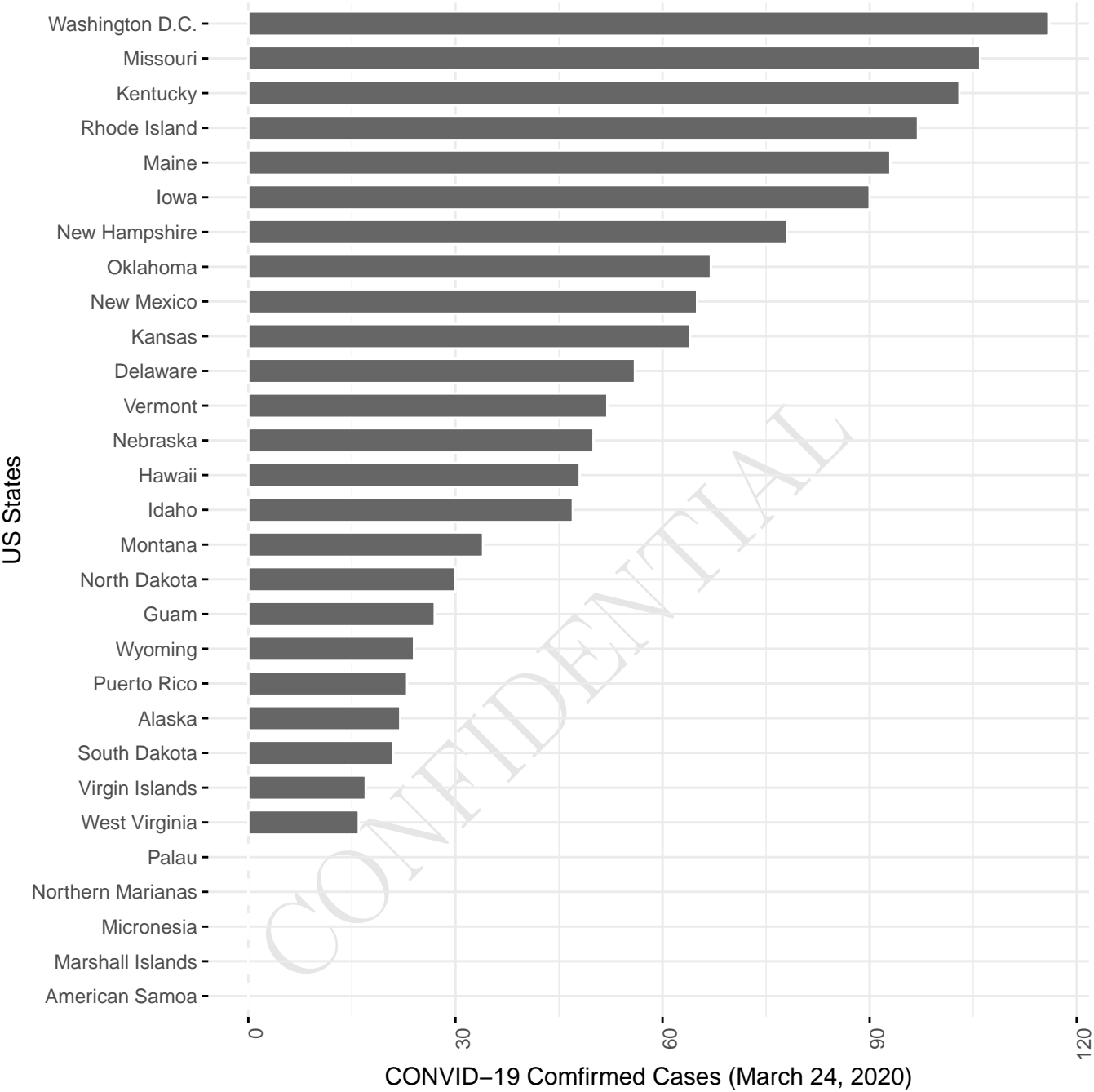


Figure 4: The bottom 29 states less impacted by the COVID19 pandemic

Reference

- * <https://www.cdc.gov/coronavirus/2019-ncov/cases-updates/>

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Note: CDC website has not had any updates in reported cases of COVID19 as of last report update on March 24, 2020

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