

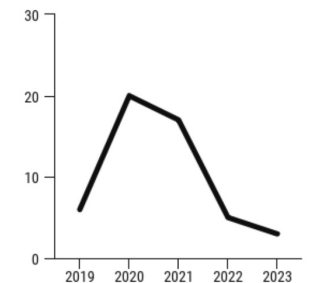
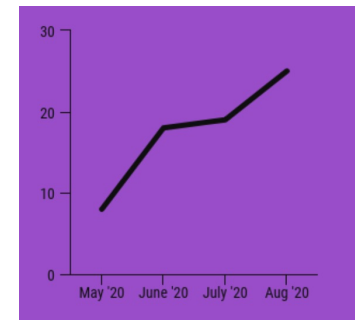
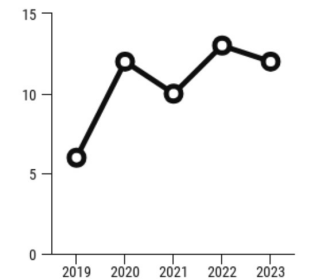
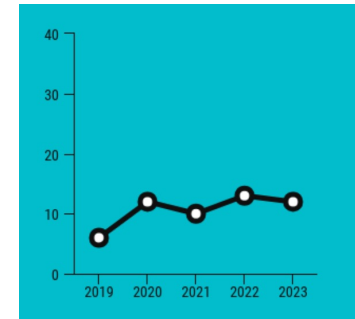
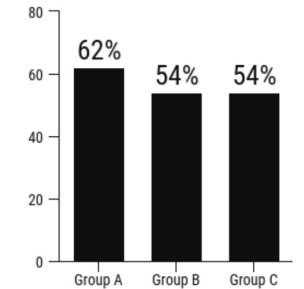
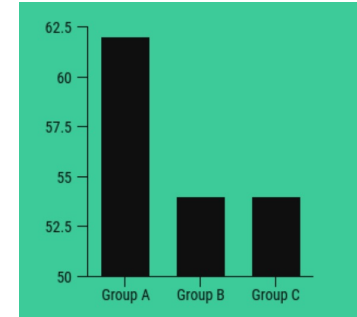
# Visual Representations of COVID-19 Data

---

By Holly Echlin

# Common Ways that the Media Manipulates Data

- Omitting the baseline
- Manipulating the Y axis
- Cherry picking the data
- Using the wrong graph
- Avoiding conventional data vis assumptions or conventions



## COVID-19 in Washington State

### Number of Individuals Tested by Specimen Collection Date

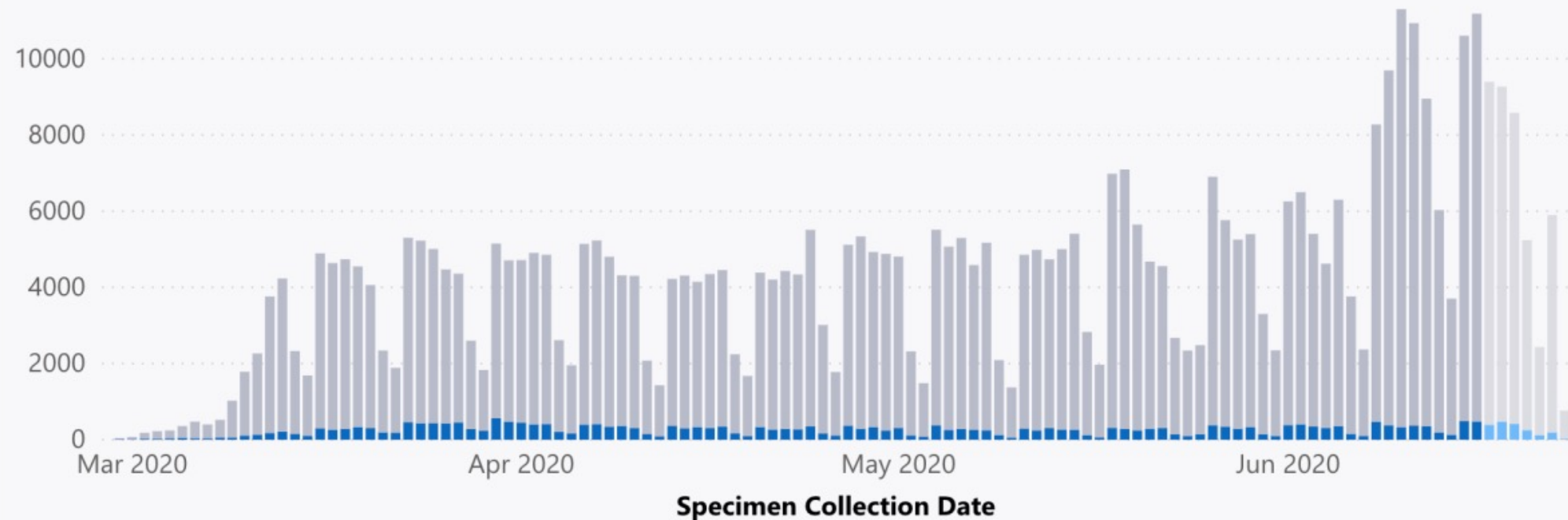
Testing for COVID-19 has been steadily increasing in Washington. Beginning in late March, drive-through testing became available in some communities, which increased testing availability.

[Learn More](#)



#### Number of Individuals Tested | 6.0% of individuals tested positive

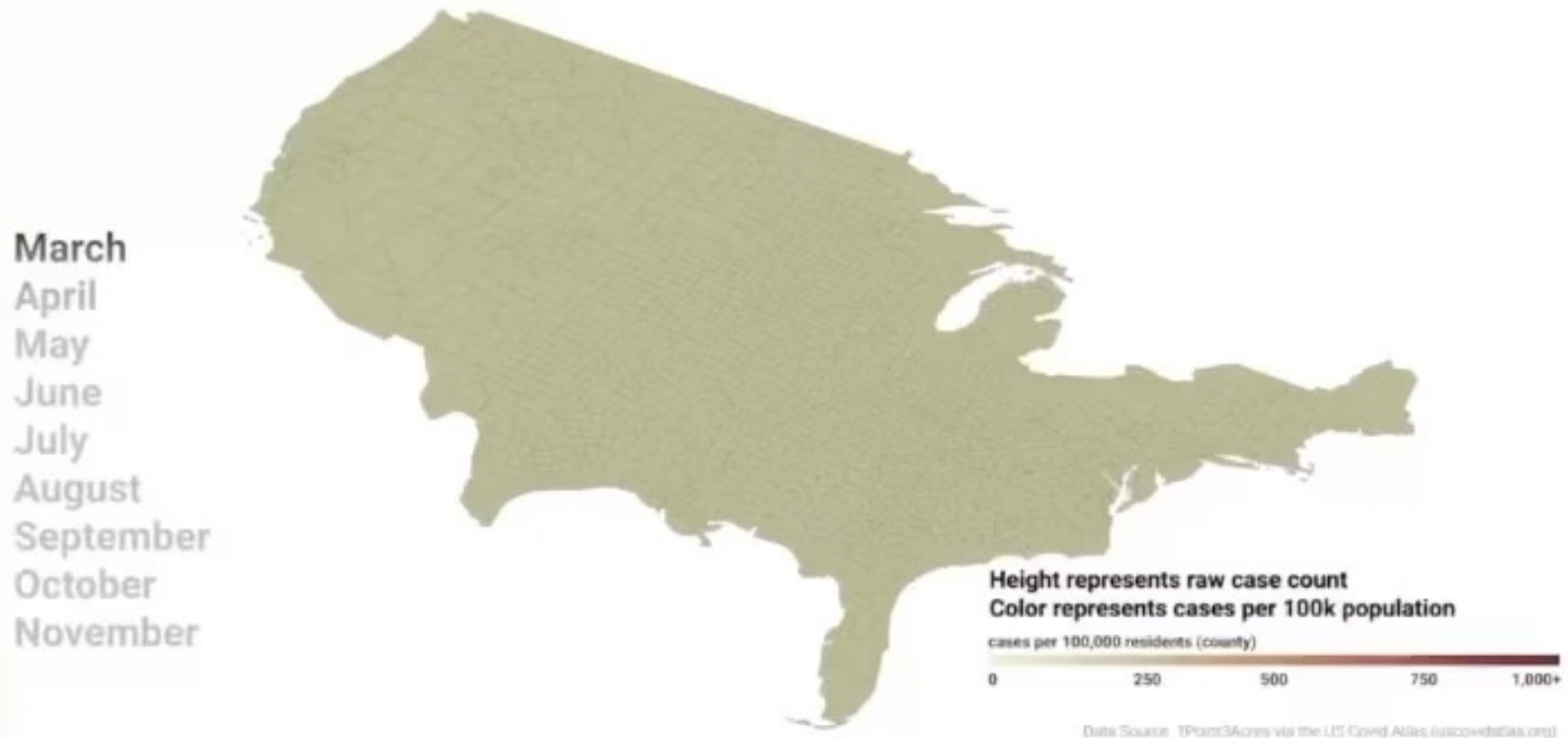
● Positive ● Positive (Data Incomplete) ● Negative ● Negative (Data Incomplete)



98,905 out of 495,498 test results do not have an assigned county.

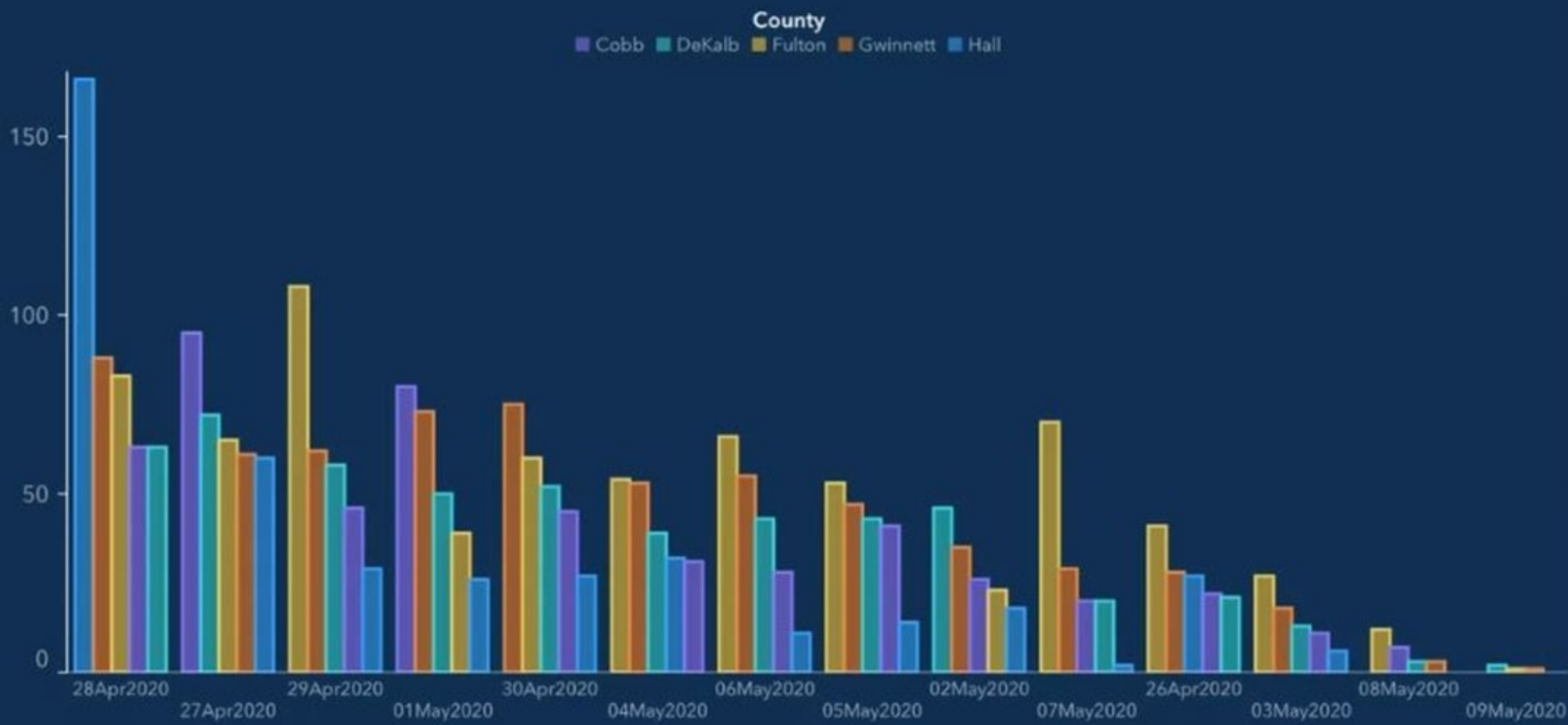
# COVID Confirmed Cases by 100k Population (Color) and by Raw Case Count (Height)

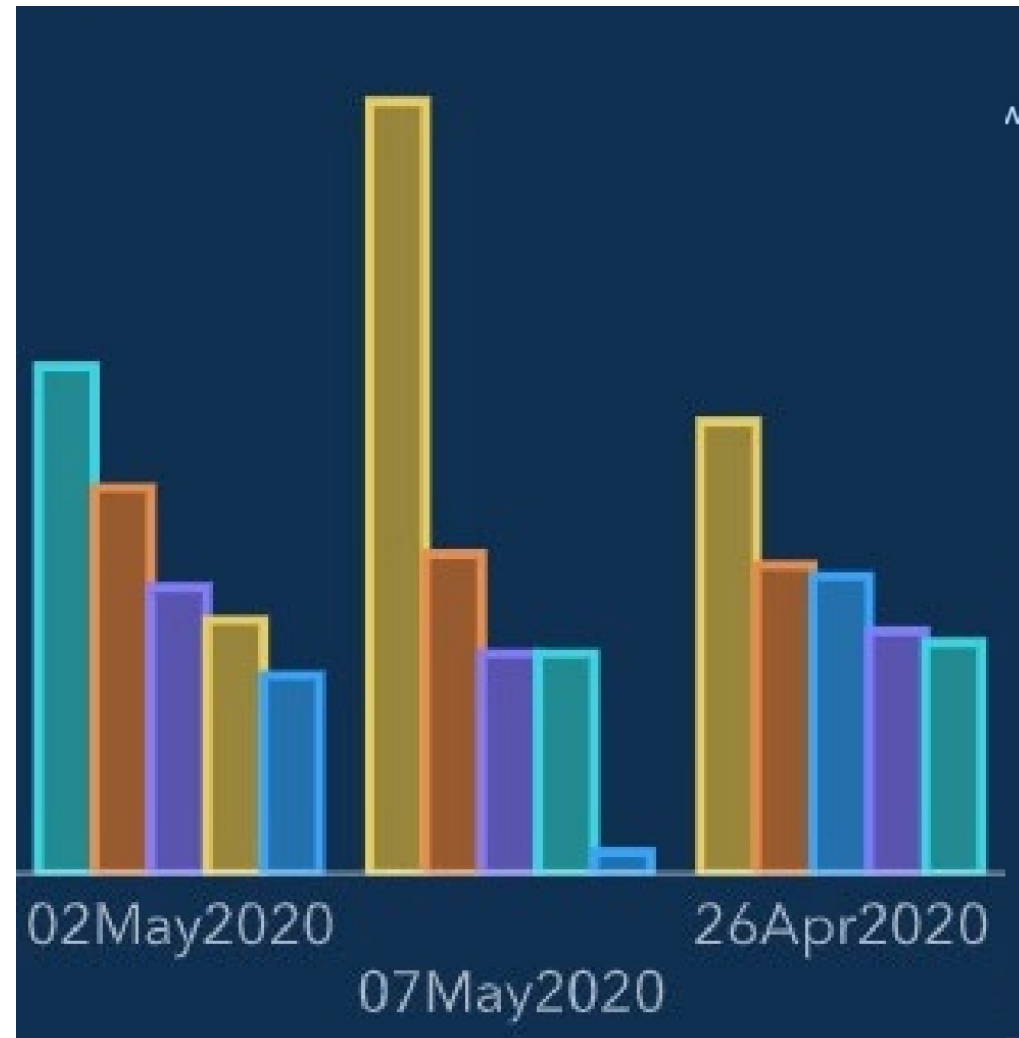
COVID Cases Confirmed Count, Week of 2020-03-01



## Top 5 Counties with the Greatest Number of Confirmed COVID-19 Cases

The chart below represents the most impacted counties over the past 15 days and the number of cases over time. The table below also represents the number of deaths and hospitalizations in each of those impacted counties.







# New Cases Per Day

TOTAL CASES  
3,342

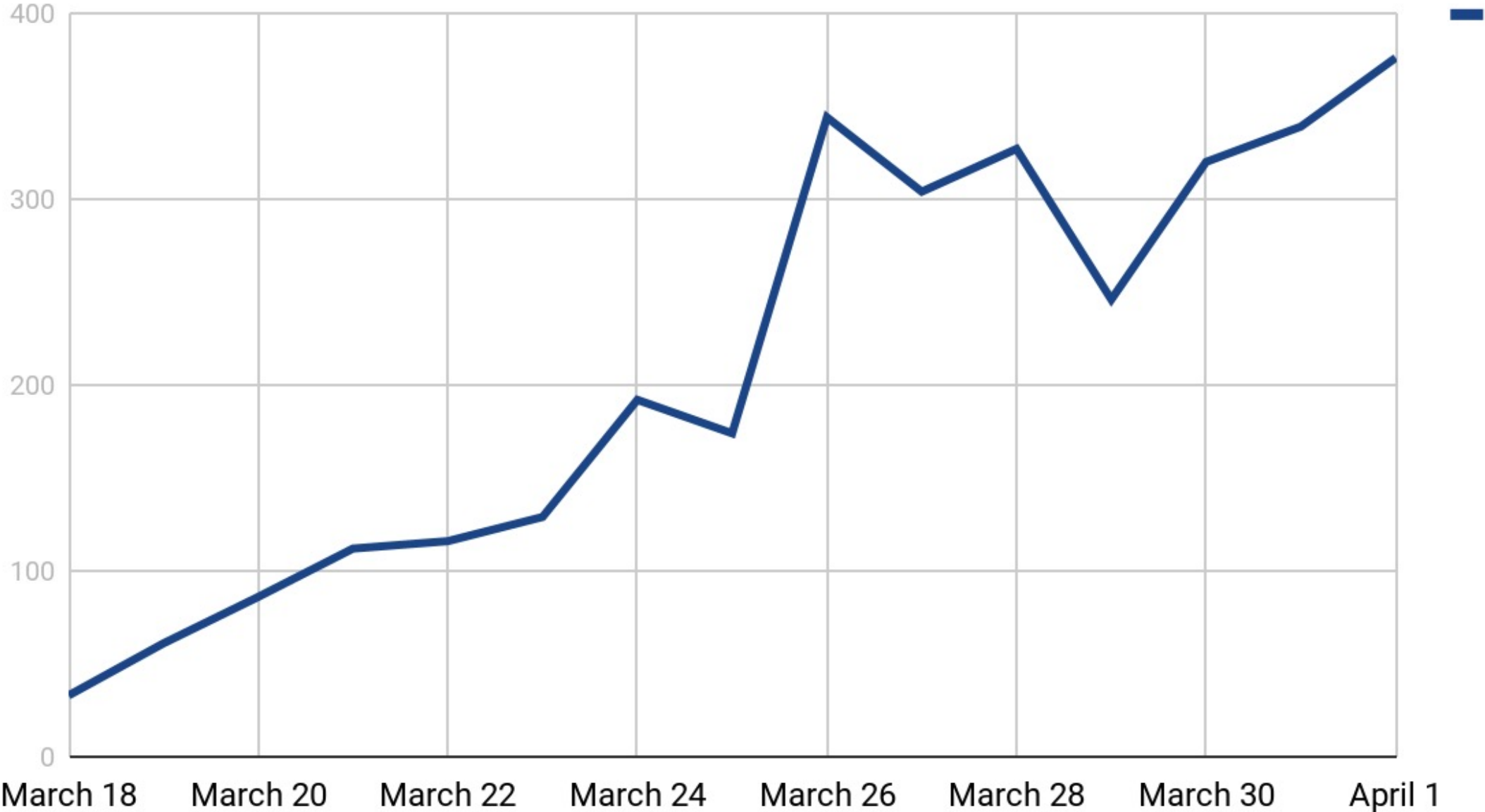


FOX

31

01

# New cases per day





# COVID-19 CASES IN THE U.S.



JOHN HOPKINS TRACKER

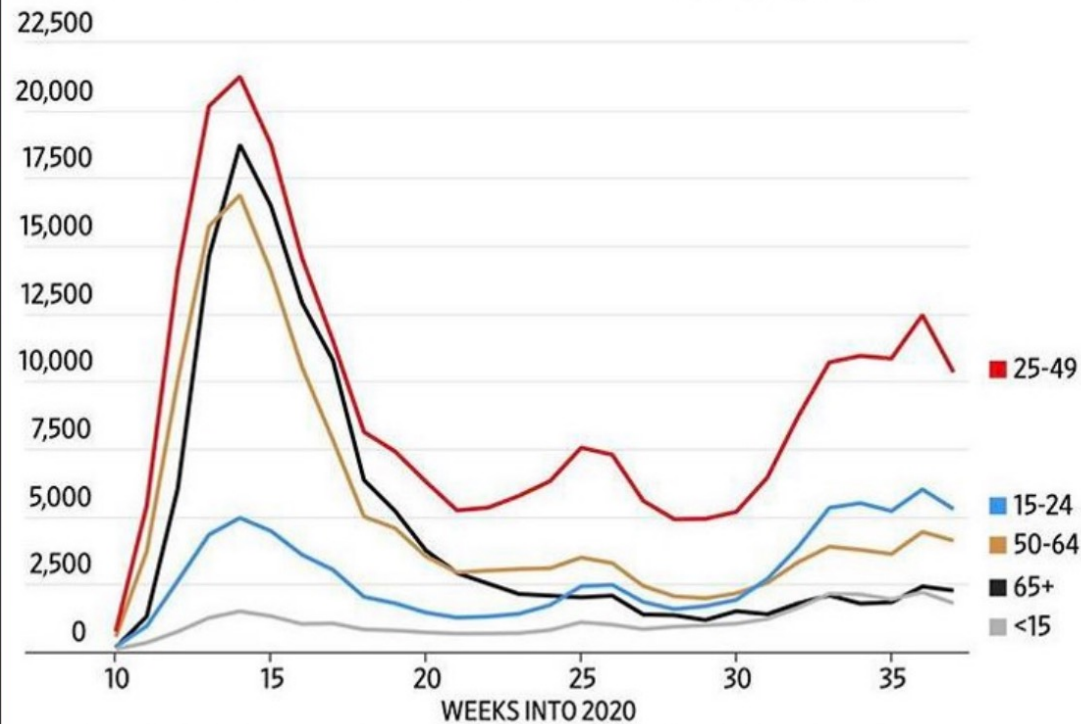


GHER ON WALL STREET WED BUT GAVE UP MOST OF AN AFTERNOON RALLY AMID DEBATE OVER SENATE C

# THE WALL STREET JOURNAL.

## Younger People Are Driving the Current Surge in Covid-19 Cases Across Europe

Confirmed Covid-19 cases in 17 EU countries by age group

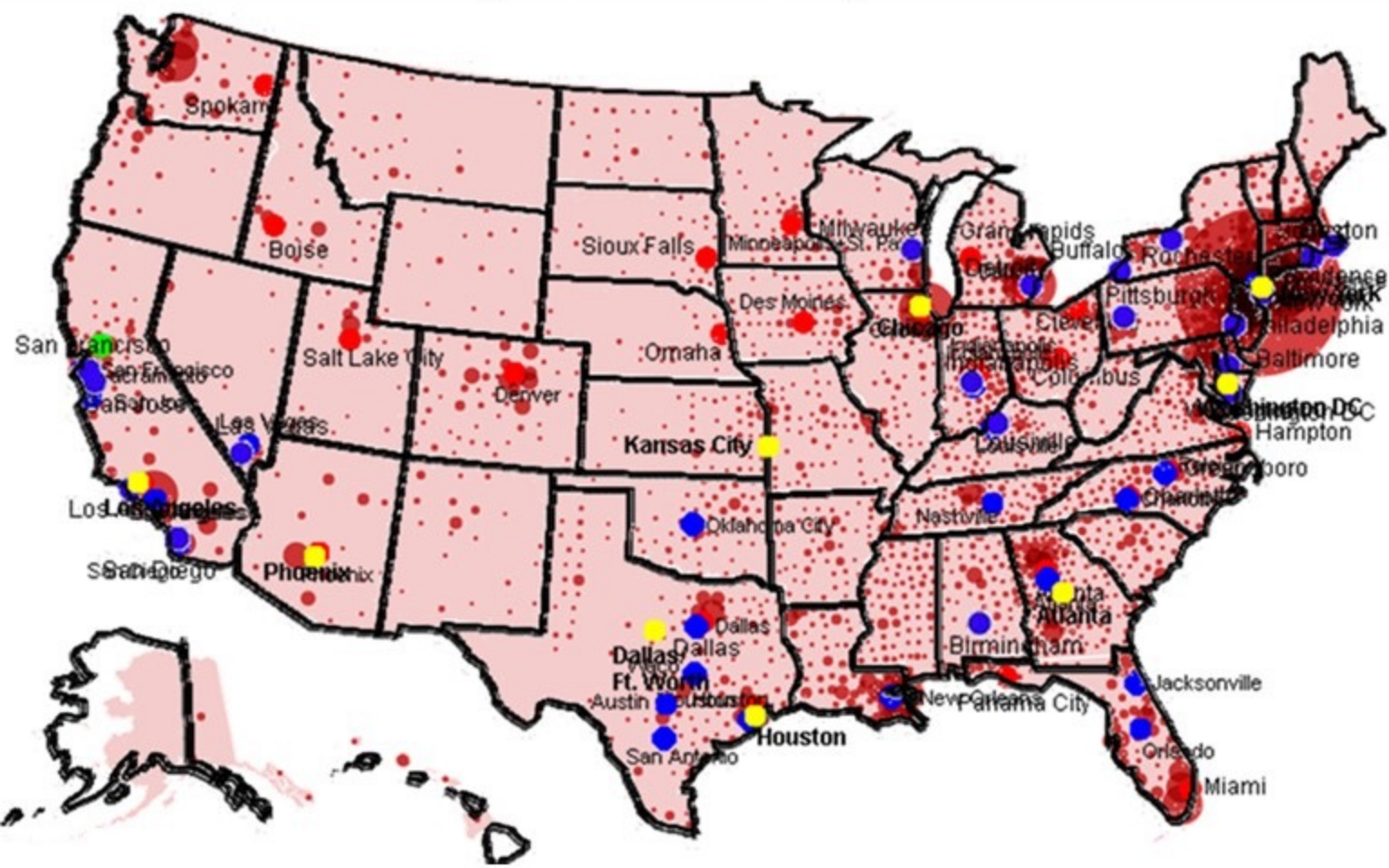


Note: Countries include Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Germany, Iceland, Ireland, Latvia, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal and Sweden

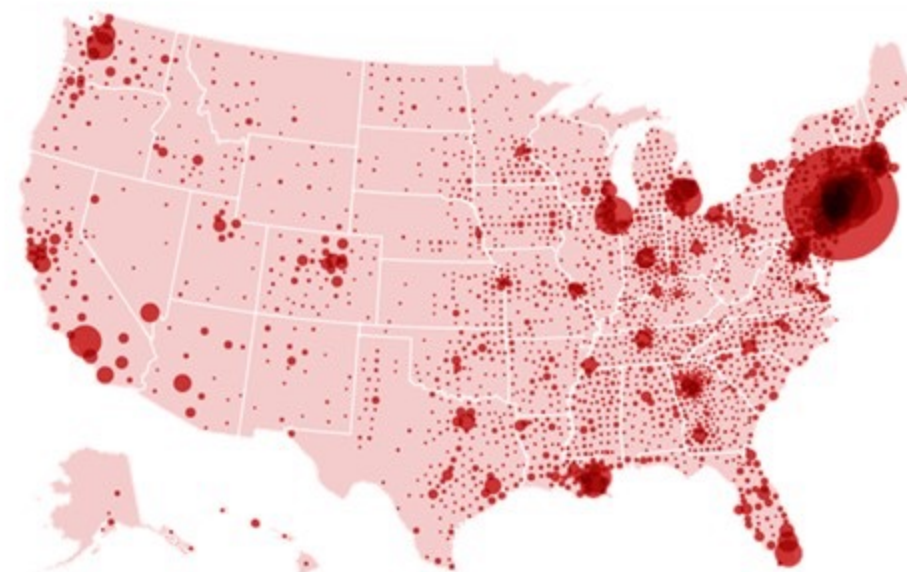
Source: European Surveillance System, part of the European Center for Disease Prevention and Control



## 5G and Corona Virus Map Overlay (with T mobile)



## Corona Virus Map



## 5G all Carriers (Except Team Mobile)





### "Karens":



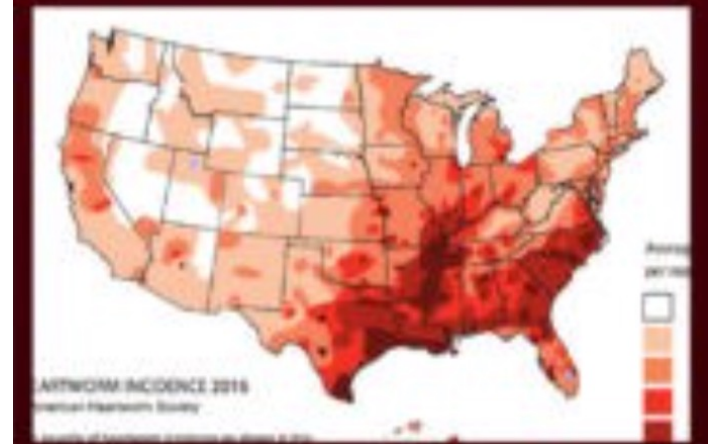
### Subway sandwich shops:



### Hair restoration centers:

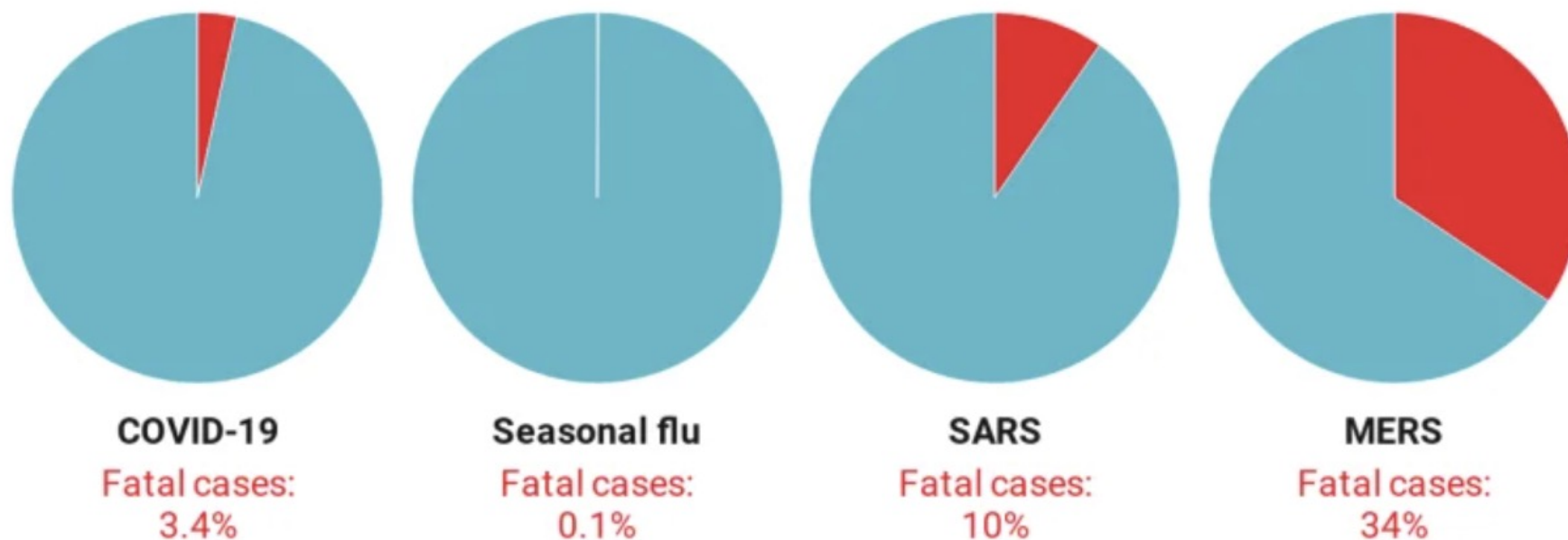


### Dogs with Heartworm:



## COVID-19 looks a lot closer to the season flu than to previous coronavirus outbreaks

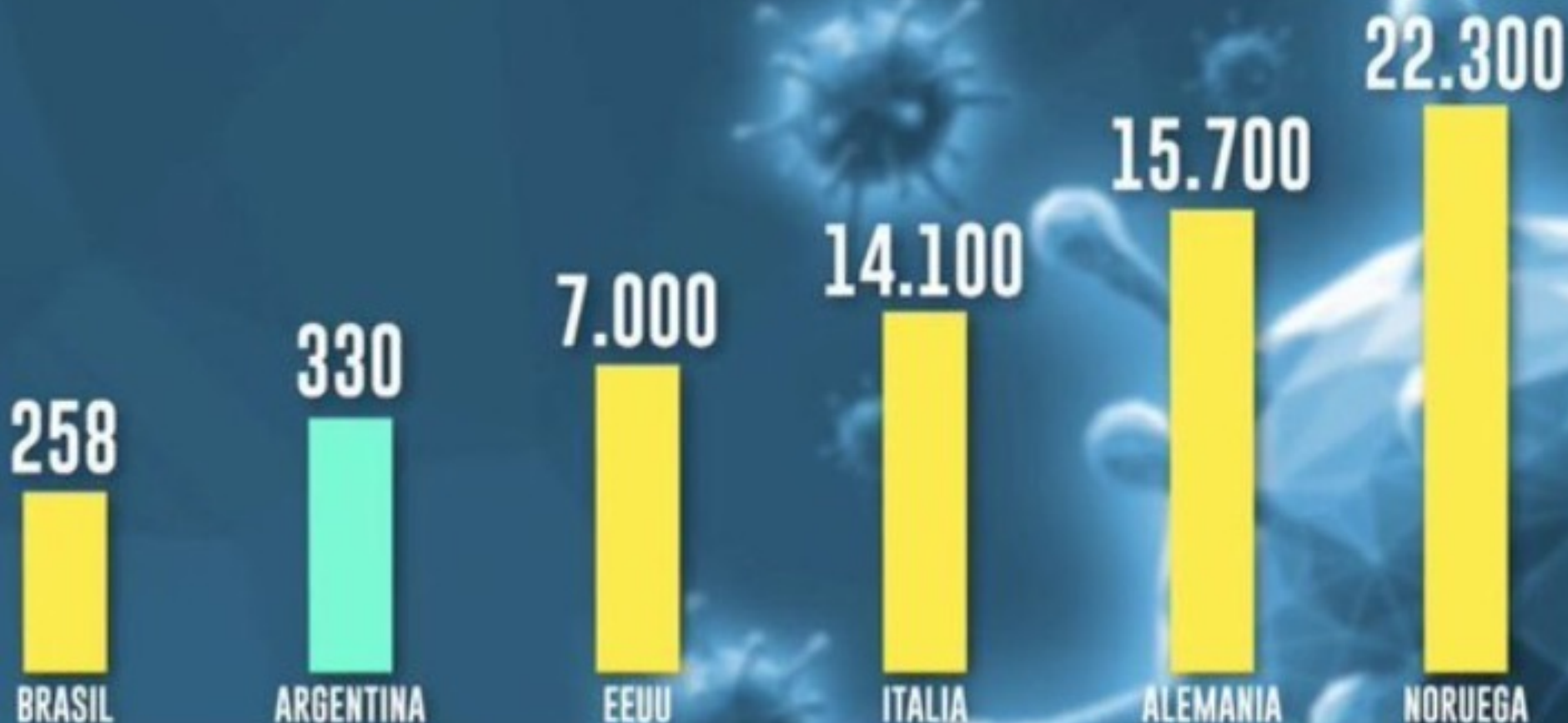
■ Fatal cases ■ Non-fatal cases



*COVID-19, SARS, and MERS data are global and total to date. Seasonal flu data are U.S., for the 2018-2019 season.*

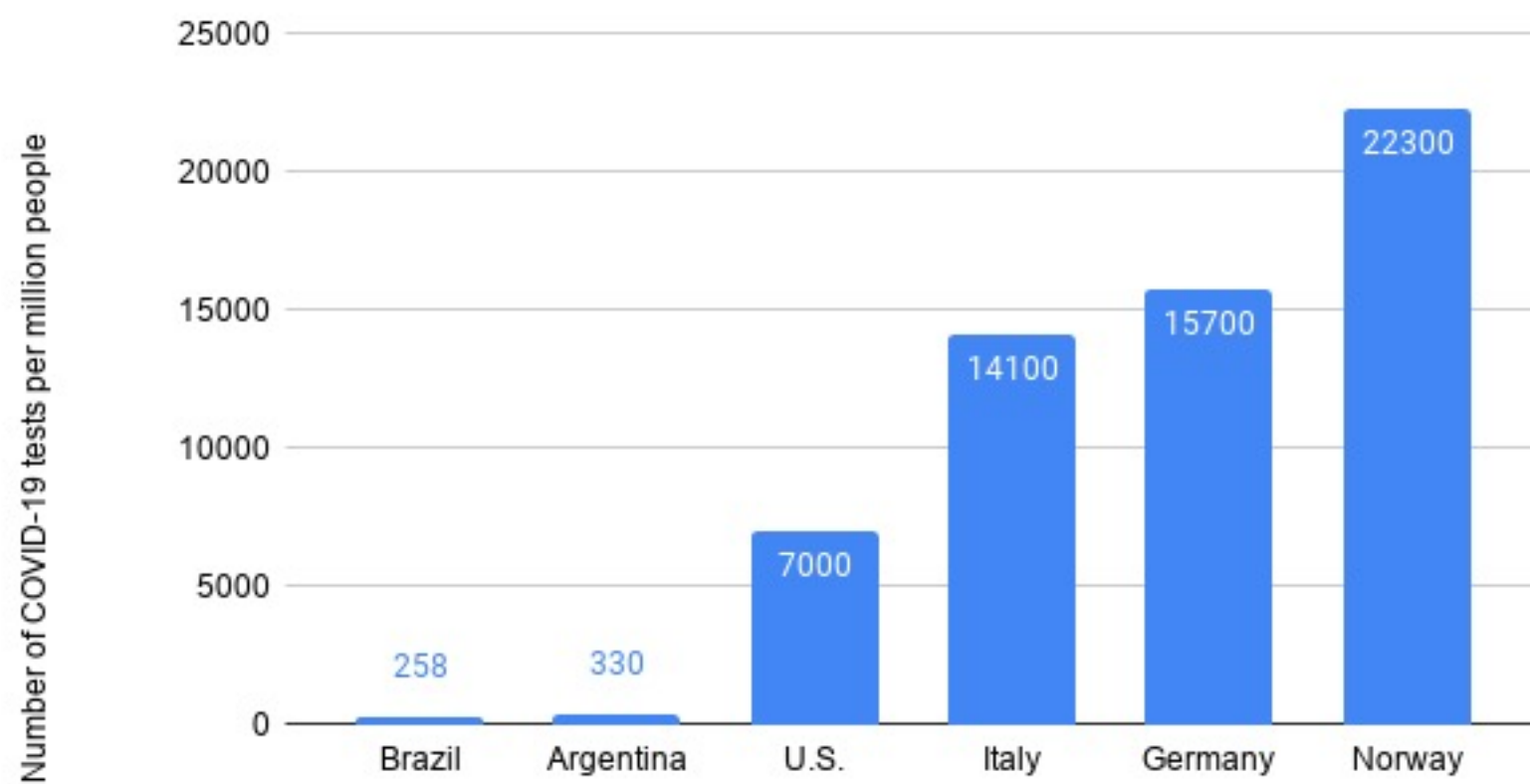
Chart: Elijah Wolfson for TIME • Source: CDC and WHO • Created with Datawrapper

# TESTEOS POR MILLÓN DE HABITANTES



ANTE LA PRESENCIA DE SÍNTOMAS LLAMAR AL 107 SAN LUIS

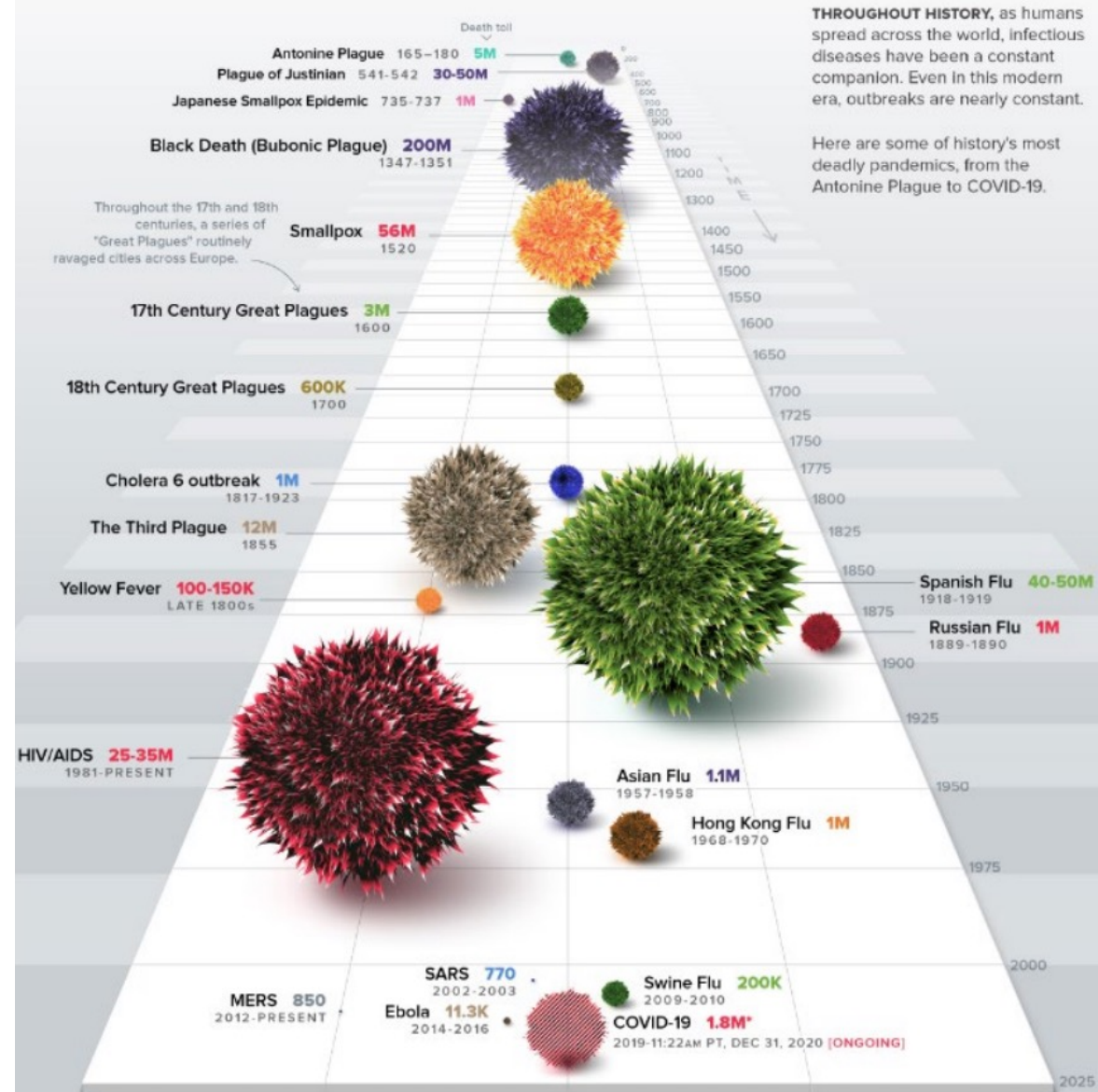
Number of COVID-19 tests per million of people





# HISTORY OF PANDEMICS

PAN-DEM-IC (of a disease) prevalent over a whole country or the world.



# CHARACTERISTICS OF LABORATORY- CONFIRMED CASES OF COVID-19

ALABAMA  
PUBLIC  
HEALTH

**31,624** **2,567**

**LABORATORY-  
CONFIRMED CASES**

**TOTAL  
HOSPITALIZATIONS**

**358,319** **879**

**TOTAL TESTED**

**COVID-19 DEATHS**

**CLINICAL AND  
EPIDEMIOLOGIC  
CHARACTERISTICS**



In ICU

**749**