

# COVID-19 Flattening the Curve

TEAM : CRACKERZIN  
BI TOOL : MICROSTRATEGY  
RAJAVEL & REEMA

World Wide/Continent

# of Cases

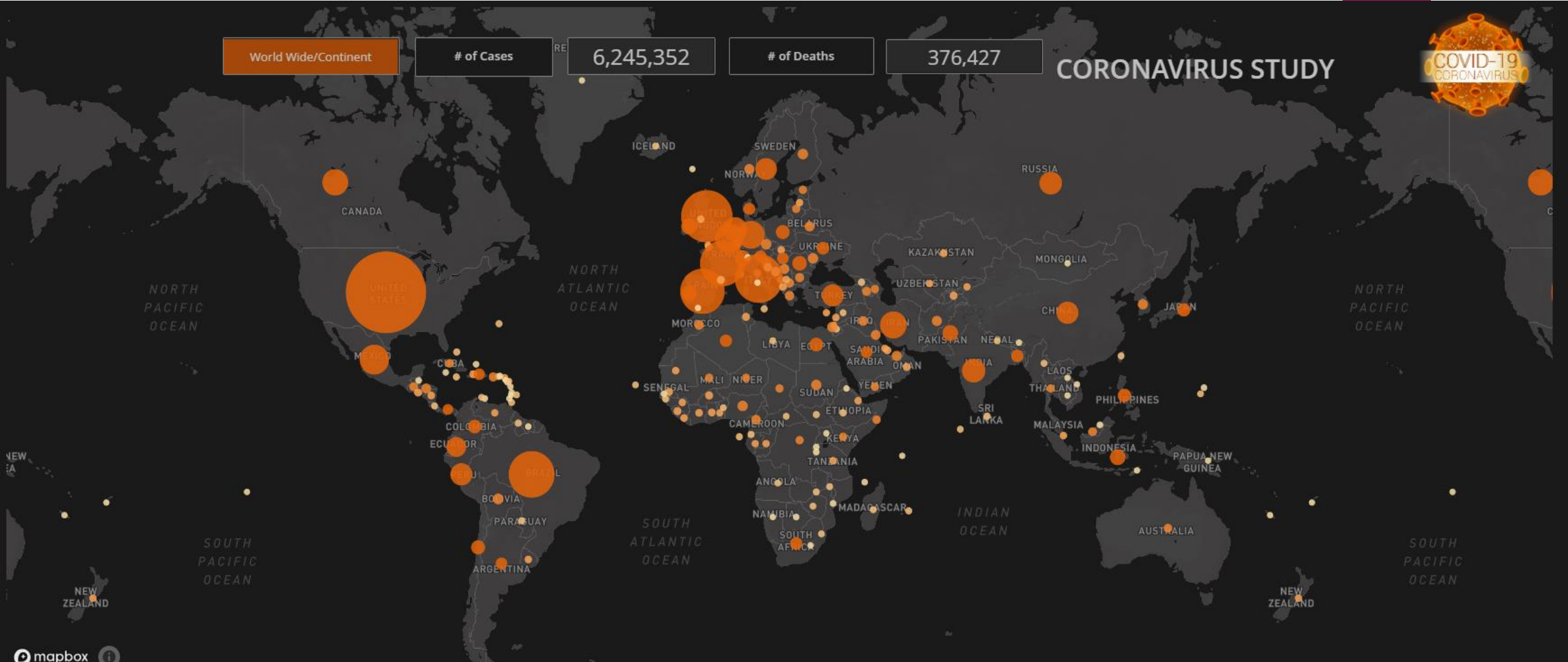
6,245,352

# of Deaths

376,427

# CORONAVIRUS STUDY

COVID-19  
CORONAVIRUS



mapbox



Click Countries on Map to view Monthly Trend of Coronavirus Cases with 2 months forecast

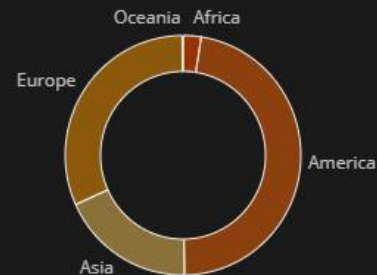
## ANALYSIS

Per predictions, below countries would have downward curve in coming months

- Australia
- South Korea
- Norway
- France
- Greenland
- Spain
- Greece
- Germany
- Iceland
- Italy
- Taiwan
- Malaysia
- New Zealand
- Iran
- Vietnam
- Thailand
- Iraq
- Nepal

Per predictions, below countries would have upward curve in next few months

- USA
- China
- Sweden
- Brazil
- Canada
- India
- Russia
- Argentina
- UK
- Pakistan
- UAE
- Egypt
- Mexico
- Sri Lanka
- South Africa
- Kenya



Click the ring pie slice to view data by Continent



# USA COVID Study

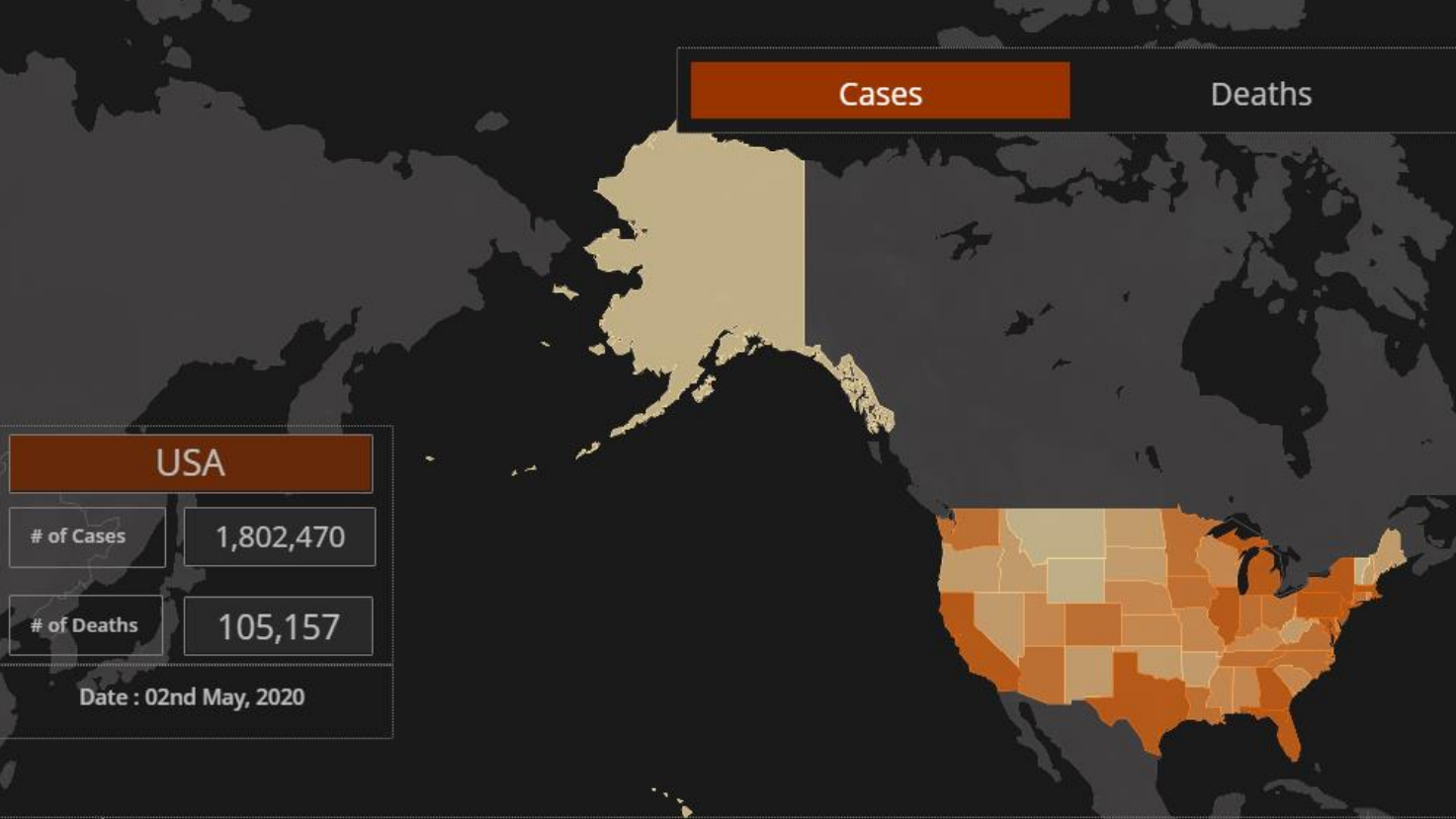
Cases Deaths

**USA**

# of Cases: 1,802,470

# of Deaths: 105,157

Date : 02nd May, 2020



## Lockdown Dates

State	County	Date	Type
Alabama	Birmingham	2020-03-24	Shelter in place
Alabama		2020-04-04	Stay at home
Alaska		2020-03-28	Stay at home
Arizona		2020-03-31	Stay at home
California		2020-03-19	Stay at home
Colorado		2020-03-26	Stay at home
Connecticut		2020-03-23	Stay at home
Delaware		2020-03-24	Shelter in place
District of Columbia		2020-04-01	Stay at home
Florida	Alachua	2020-03-24	Stay at home

This map shows COVID-19 cases and deaths reported by U.S. states, the District of Columbia, and other U.S.-affiliated jurisdictions. Each jurisdiction's health department reports how much the virus has spread in their community

## Analysis

- USA is the highest impacted country with Corona Virus
- USA economy is impacted heavily due to this "Stay in Home" lockdown
- 20 states report more than 10,000 cases of COVID-19
- New York & New Jersey are heavily impacted
- Earlier the lockdown, better the control

Data : <https://www.cdc.gov/covid-data-tracker/index.html>

Follow this after lock down to reduce the curve by being responsible:

Social distancing, also called "physical distancing," means keeping space between yourself and other people outside of your home. To practice social or physical distancing:

- Stay at least 6 feet (about 2 arms' length) from other people
- Do not gather in groups
- Stay out of crowded places and avoid mass gatherings





# USA Hospital Study

# of Hospitals **6,624**

**All States**

# of Licensed Beds **966,564**

# of Adult Beds **92,777**

# of Pediatric Beds **28,919**

# of Staffed Beds **822,950**

Potential Increase in Bed **143,614**

Avg Ventilator Usage **23,303**

**All Hospitals**

Hospital Type	# Hospitals
Short Term Acute Care Hospital	3,485
Critical Access Hospital	1,323
Psychiatric Hospital	694
Long Term Acute Care Hospital	358
Rehabilitation Hospital	328
VA Hospital	160
Childrens Hospital	124
Department of Defense Hospital	37
Religious Non-Medical Health Care Institution	16

Hospital	# Adult ICU Beds	# Pediatric ICU Beds
University Hospital	284	208
Texas Childrens Hospital	252	252
Methodist Hospital	249	110
University of Maryland Medical Center	230	71
Vanderbilt University Medical Center	229	138
AdventHealth Orlando (FKA Florida Hospital Orlando)	221	118
Renown Regional Medical Center	216	39
NewYork-Presbyterian/Weill Cornell Medical Center	214	210
Cleveland Clinic Main Campus	213	42
Tisch Hospital	212	90
Loma Linda University Childrens Hospital	183	183
Norton Hospital	175	145
UF Health Shands Hospital (FKA Shands at the Universi...)	170	118
Baptist Medical Center	151	140
Cook Childrens Medical Center	137	137
Nationwide Childrens Hospital	74	260

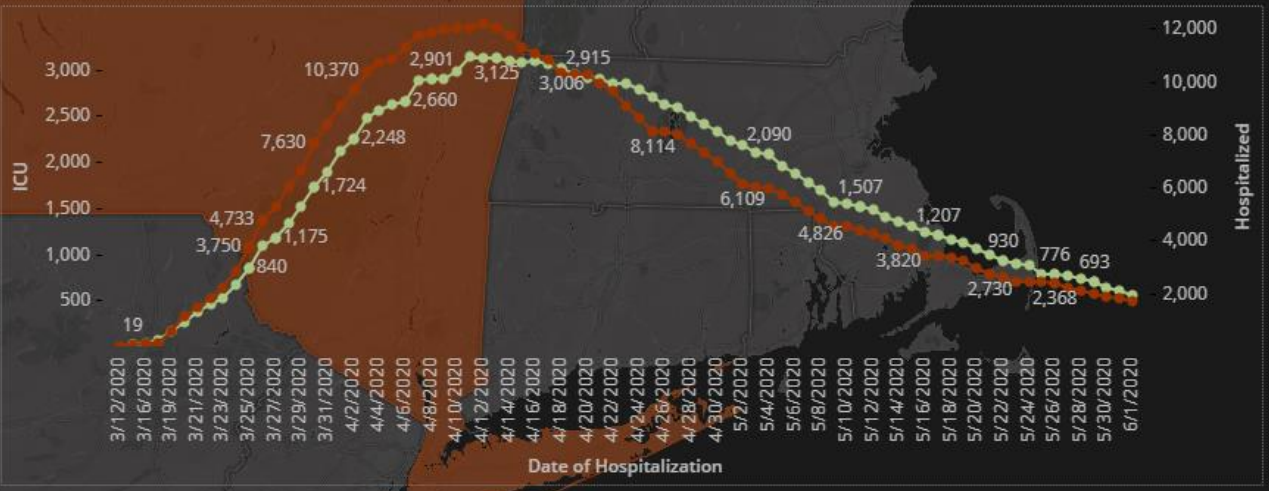
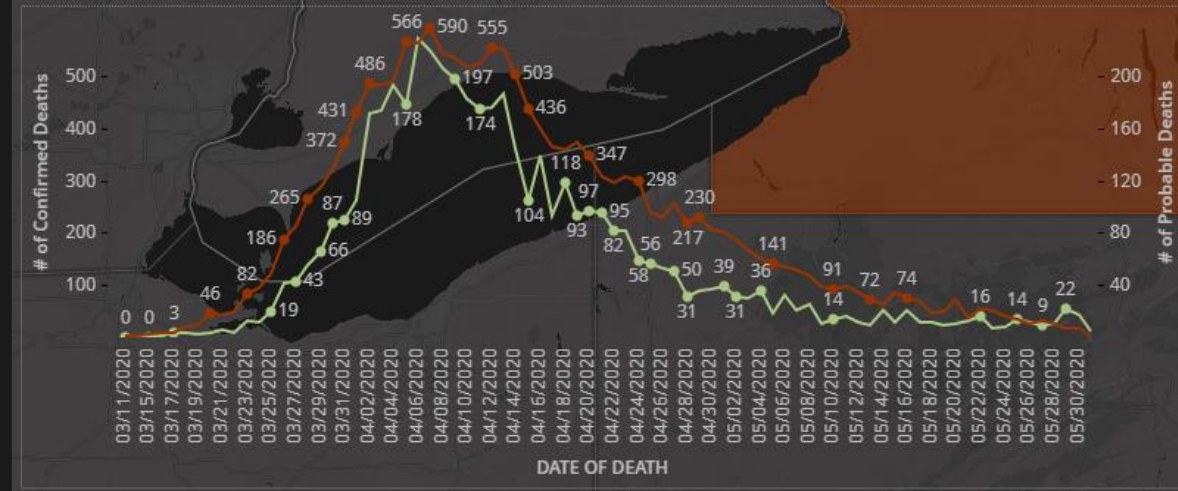
City	# Adult ICU Beds	# Pediatric ICU Beds
Houston	1,309	598
Chicago	1,241	504
New York	944	460
Los Angeles	900	291
Philadelphia	854	245
Atlanta	841	146
Saint Louis	715	369
Baltimore	676	197
Dallas	674	479
Boston	657	
San Antonio	657	445
Columbus	624	299
Nashville	611	239
Cleveland	597	171
Las Vegas	545	275

# New York COVID Study



Gender Rates			
	Citywide	Female	Male
Death Rate	201.01	151.73	254.87
Case Rate	2391.19	2218.96	2576.95
Hospitalized Case Rate	623.1	516.19	739.97

	New York	USA
# of Cases	167,947	1,802,470
# of Deaths	8,159	105,157

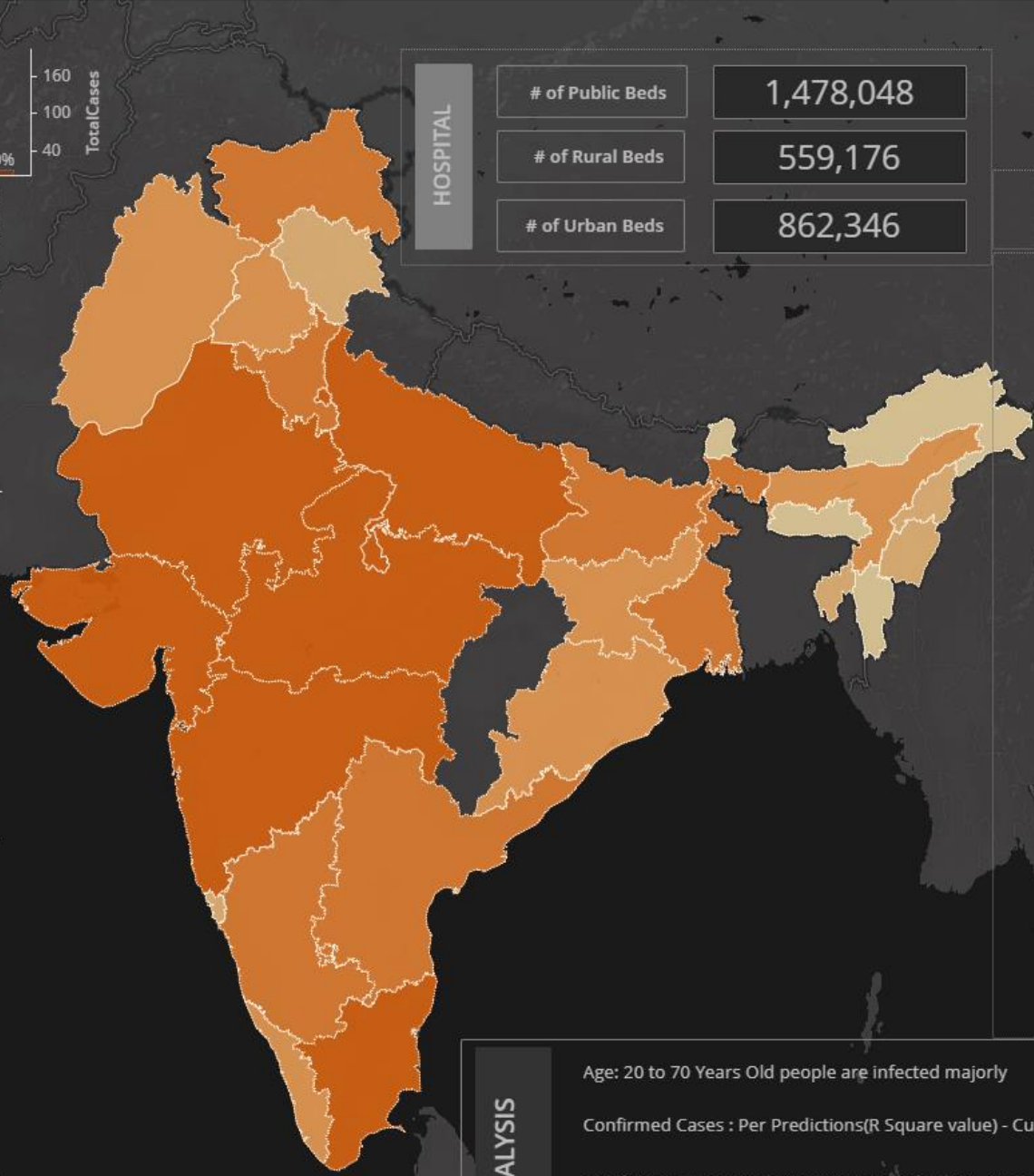




# India COVID Study

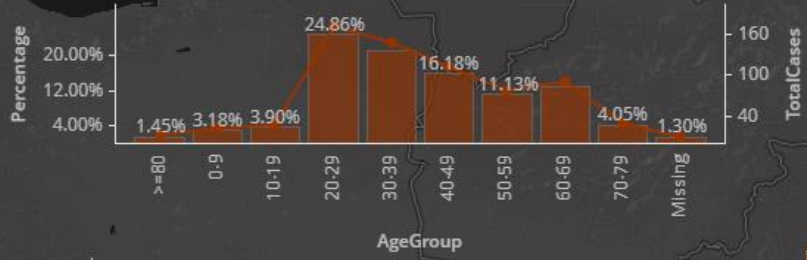
HOSPITAL	# of Public Beds	1,478,048
	# of Rural Beds	559,176
	# of Urban Beds	862,346

State	All States
# of Active Cases	202,116
# of Confirmed Cases	414,366
# of Deaths	11,658
# of Recovered Cases	200,570
# of Community Health	11,136
# of District Hospitals	2,006
# of Primary Health	59,798
# of Rural Hospitals	39,620
# of Sub District	2,510
# of Urban Hospitals	7,544
# Public Health	75,450



**ANALYSIS**

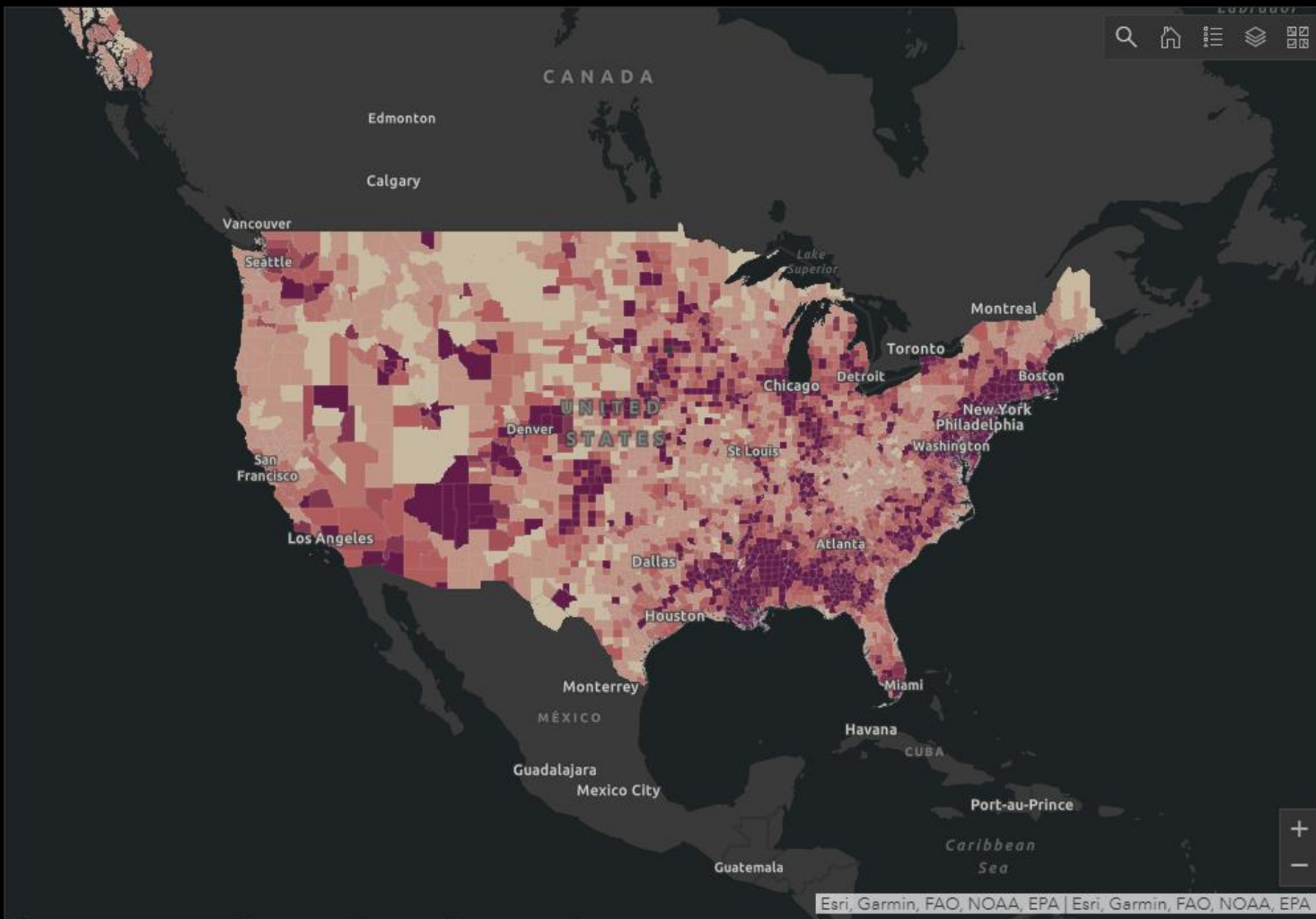
- Age: 20 to 70 Years Old people are infected majorly
- Confirmed Cases : Per Predictions(R Square value) - Curve will drop down in next 30 days
- Death Cases : Per Predictions (R Squared value) - Curve will drop down in next 30 days
- Recovery will be quicker in coming days per predictions



Top 50 Confirmed Cases by County

- 78,495 confirmed**  
Cook
- 61,373 confirmed**  
Queens
- 56,011 confirmed**  
Los Angeles
- 55,421 confirmed**  
Kings
- 45,428 confirmed**  
Bronx
- 40,479 confirmed**  
Nassau
- 39,705 confirmed**  
Suffolk
- 33,557 confirmed**  
Westchester
- 25,092 confirmed**  
New York
- 22,881 confirmed**  
Philadelphia
- 22,224 confirmed**  
Middlesex
- 20,446 confirmed**  
Wayne
- 16,611 confirmed**  
Hudson
- 16,581 confirmed**  
Suffolk
- 13,302 confirmed**  
Bergen

Last Updated on:  
2020-06-01



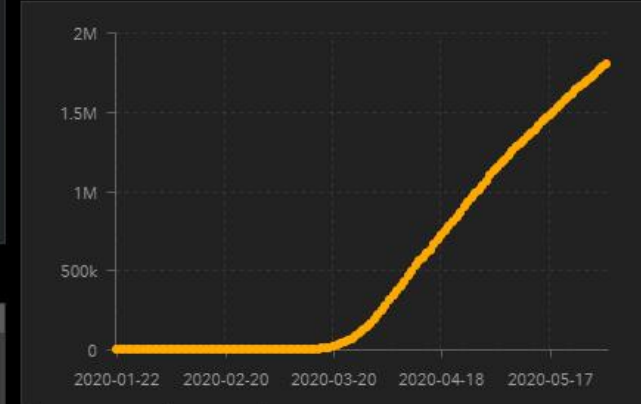
Confirmed by Population | Confirmed | Deaths | Fatality Rate

Data is updated once per day to allow the system to pull county-level data. For the most up-to-date confirmed cases and deaths, please see the COVID-19 Global Map. New York City borough deaths data does not include Probable COVID-19 deaths, as this data is not reported.

Map Visualization: [Centers for Civic Impact](#). Automation Support: [Esri Living Atlas team](#), [JHU APL](#), and [JHU Sheridan Libraries](#). Contact Us. [FAQ](#).

Top 20 Counties by Number of Deaths

- 5,121 deaths**  
Kings
- 5,060 deaths**  
Queens
- 3,658 deaths**  
Cook
- 3,568 deaths**  
Bronx
- 2,463 deaths**  
Wayne
- 2,386 deaths**  
Los Angeles
- 2,300 deaths**  
New York
- 2,125 deaths**  
Nassau
- 1,906 deaths**  
Suffolk
- 1,667 deaths**  
Essex
- 1,650 deaths**



Confirmed | Deaths





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No. Regularly washing your bare hands offers more protection against catching COVID-19 than wearing rubber gloves.

You can still pick up COVID-19 contamination on rubber gloves. If you then touch your face, the contamination goes from your glove to your face and can infect you.

#Coronavirus #COVID19

Is wearing rubber gloves while out in public effective in preventing the new coronavirus infection?



9 March 2020

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How should I wash fruit and vegetables in the time of COVID-19?



17 April 2020

Wash them the same way you would in any other circumstance.

Before handling them, wash your hands with soap and water.

Then, wash fruit and vegetables thoroughly with clean water, especially if you eat them raw.

#Coronavirus #COVID19

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How should I wash and dry clothes, towels and bed linen, if no one in my household is a suspected or confirmed COVID-19 patient?



23 April 2020

Do your laundry as you normally would, using detergent or soap.

There is no need to use a washing machine or drier, nor extremely hot water.

Once dry, make sure you clean your hands before handling and storing your clothes, towels and bed linen.

#Coronavirus #COVID19

How can I grocery shop safely in the time of COVID-19?



17 April 2020

When grocery shopping, keep at least 1-metre distance from others and avoid touching your eyes, mouth and nose. If possible, sanitize the handles of shopping trolleys or baskets before shopping. Once home, wash your hands thoroughly and also after handling and storing your purchased products.

There is currently no confirmed case of COVID-19 transmitted through food or food packaging.

#Coronavirus #COVID19

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Can COVID-19 be spread through coins and banknotes?



17 April 2020

There is currently no evidence to confirm or disprove that COVID-19 virus can be transmitted through coins or banknotes.

However, respiratory droplets expelled from an infected person can contaminate and persist on surfaces.

Wash your hands regularly and thoroughly after touching any frequently-touched surface or object, including coins or banknotes. Avoid touching your eyes, mouth and nose, if your hands are not cleaned.

#Coronavirus #COVID19

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How should I wash and dry clothes, towels and bed linen, if someone in my household is a suspected or confirmed COVID-19 patient?



23 April 2020

- Wash the patient's clothes, towels and bed linen separately.
- If possible, wear heavy-duty gloves before handling them.
- Never carry soiled linen against your body; place soiled linen in a clearly labelled, leak-proof container (e.g. bag, bucket).
- Scrape off solid excrement (e.g. faeces or vomit) with a flat, firm object and dispose of in the patient's toilet before putting linen in the designated container. Place the excrement in a covered bucket to dispose of in the toilet, if this is not in the patient's room.
- Wash and disinfect linen: Machine wash at 60-90°C with laundry detergent. Alternatively, soak linen in hot water and soap in a large drum, using a stick to stir, avoiding splashing. If hot water is not available, soak linen in 0.05% chlorine for approximately 30 minutes. Rinse with clean water and let linen dry in the sunlight.
- Do not forget to wash your hands at the end of the process.

#Coronavirus #COVID19



# Dashboard Live Video

[HTTPS://YOUTU.BE/OB6NMKOYN2G](https://youtu.be/ob6nmkoyn2g)

Thank You!!

▶ Stay Safe & Healthy!!