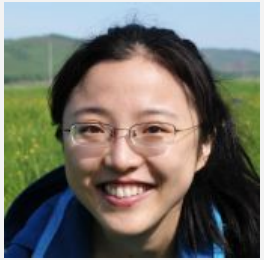
The US Covid Atlas

Near Real-Time Exploration of the COVID-19 Pandemic

March 10, 2021

Marynia Kolak, PhD



Qinyun Lin, PhD

Dylan Halpern, M.C.P.

Susan Paykin, M.P.P.

🔗 theUSCovidAtlas.org

Overview

Key Insights

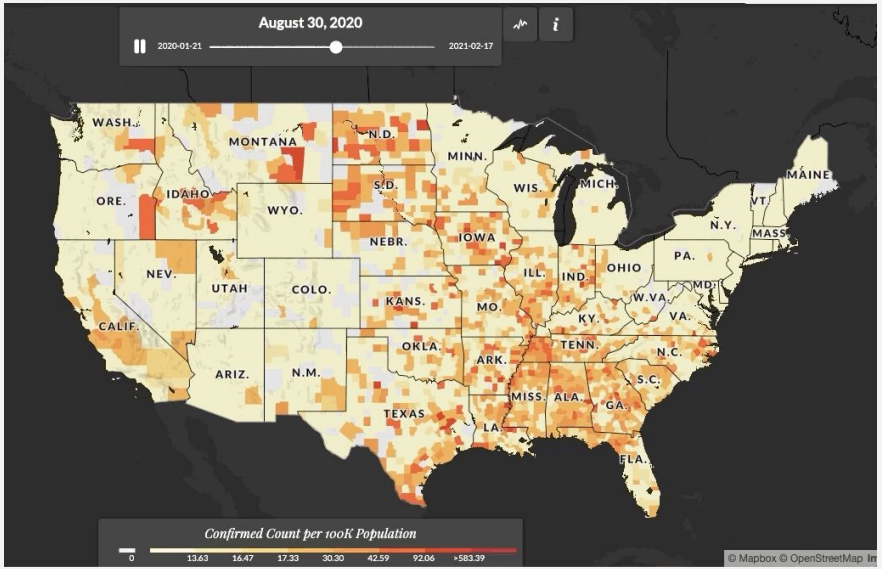
Vaccination & Mobility Metrics
Uncovering Vulnerable Communities
Identifying Hotspots

Q&A

Overview

The US COVID Atlas

The Atlas is a data visualization tool that provides quick access to county-level COVID **estimates**, vaccination **rates**, and statistical **cluster detection**.



Data

COVID Health Outcomes, Testing, Vaccination

Confirmed Cases
Confirmed Deaths
Adjusted by Population
Adjusted by Bed Available
Testing Positivity Rate
Testing Capacity
% Received First Dose
% Received Second Dose
Dose to be Administered per 100K population

- 1P3A
- USAFacts
- New York Times
- *John Hopkins U*
- CDC

COVID Pandemic Insights

Natural Breaks Classification
Statistical Hotspots/Coldspots
Severity Index
7-Day Forecasted Deaths

- Center for Spatial Data Science, U of Chicago
- Dept of Statistics, Berkeley

Health Systems Infrastructure

Staffed beds
Staffed ICU beds
Beds by County
Clinics and Hospitals (points)

- COVIDCare Map: Definitive Healthcare, Healthcare Cost Report Information System (HCRIS), crowd-sourced updates
- HRSA Data Warehouse

Social, Economic, & Environmental

Child Poverty Rate
Income Ratio
Median Household Income Over 65 Years %
Uninsured Percentage
Primary Care Rate
Preventable Hospitalizations
Black Residential Segregation
Native American Reservations

- Census
- County Health Rankings

Positioning the US Covid Atlas

Atlas: A Curated Collection of Maps (& Data)

vs.

Dashboard: At-A-Glance Overview, Report

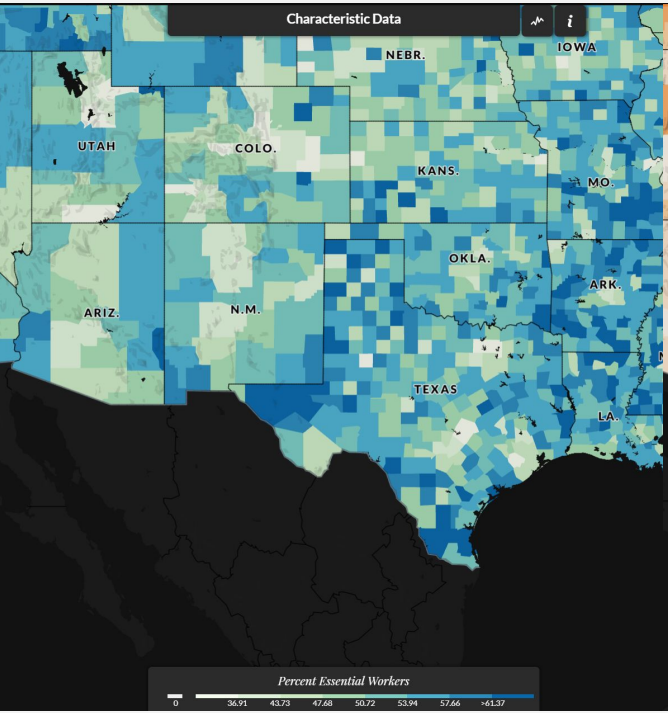
Personalized, In-Depth Experience

Considers Uncertainty & Multiple Perspectives in Design

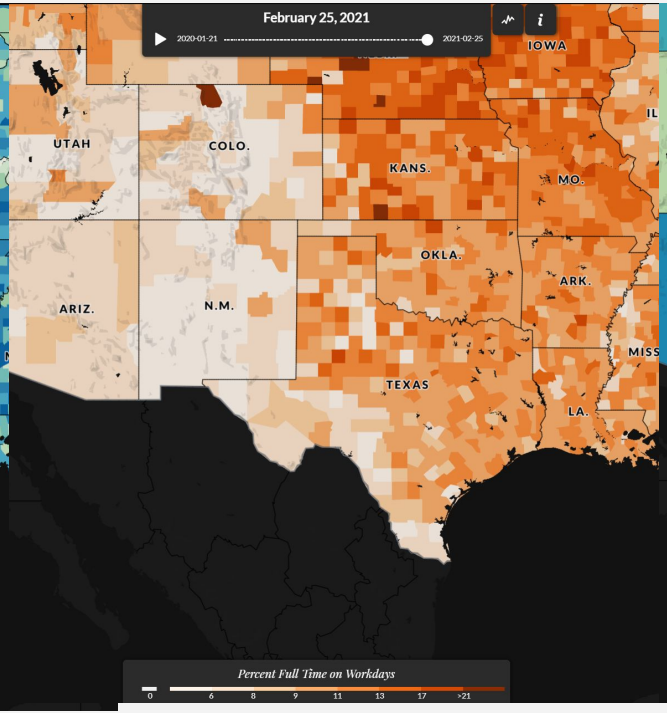
Participatory, Engaged Design Approach

Key Insights

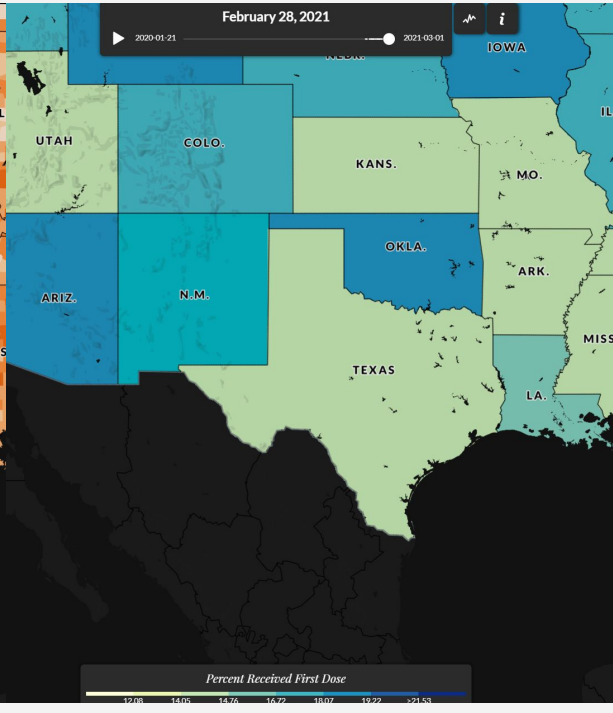
Insight #1. Tracking an (in?)equitable recovery



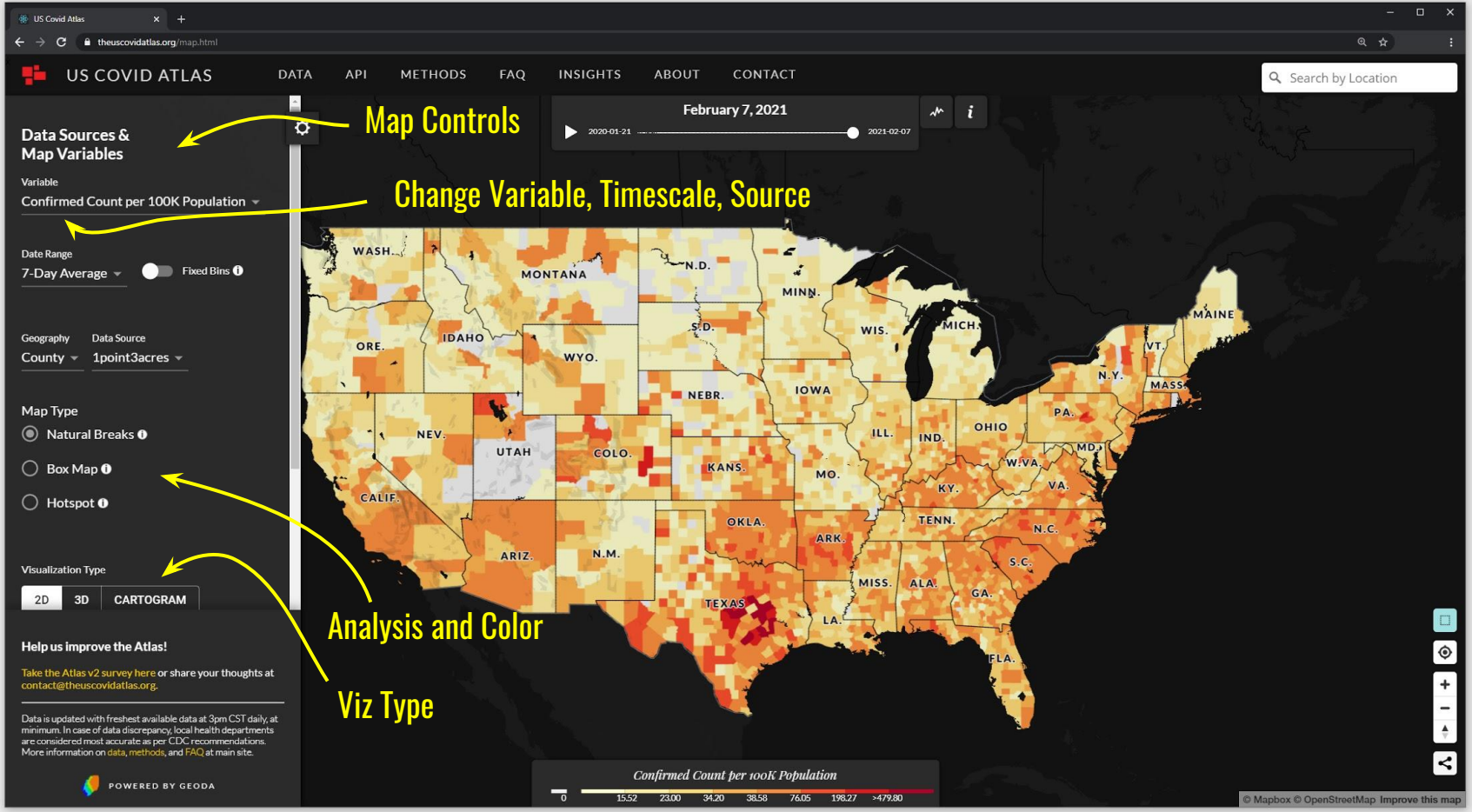
Percent of Essential Workers
(Source: US Census / ACS)

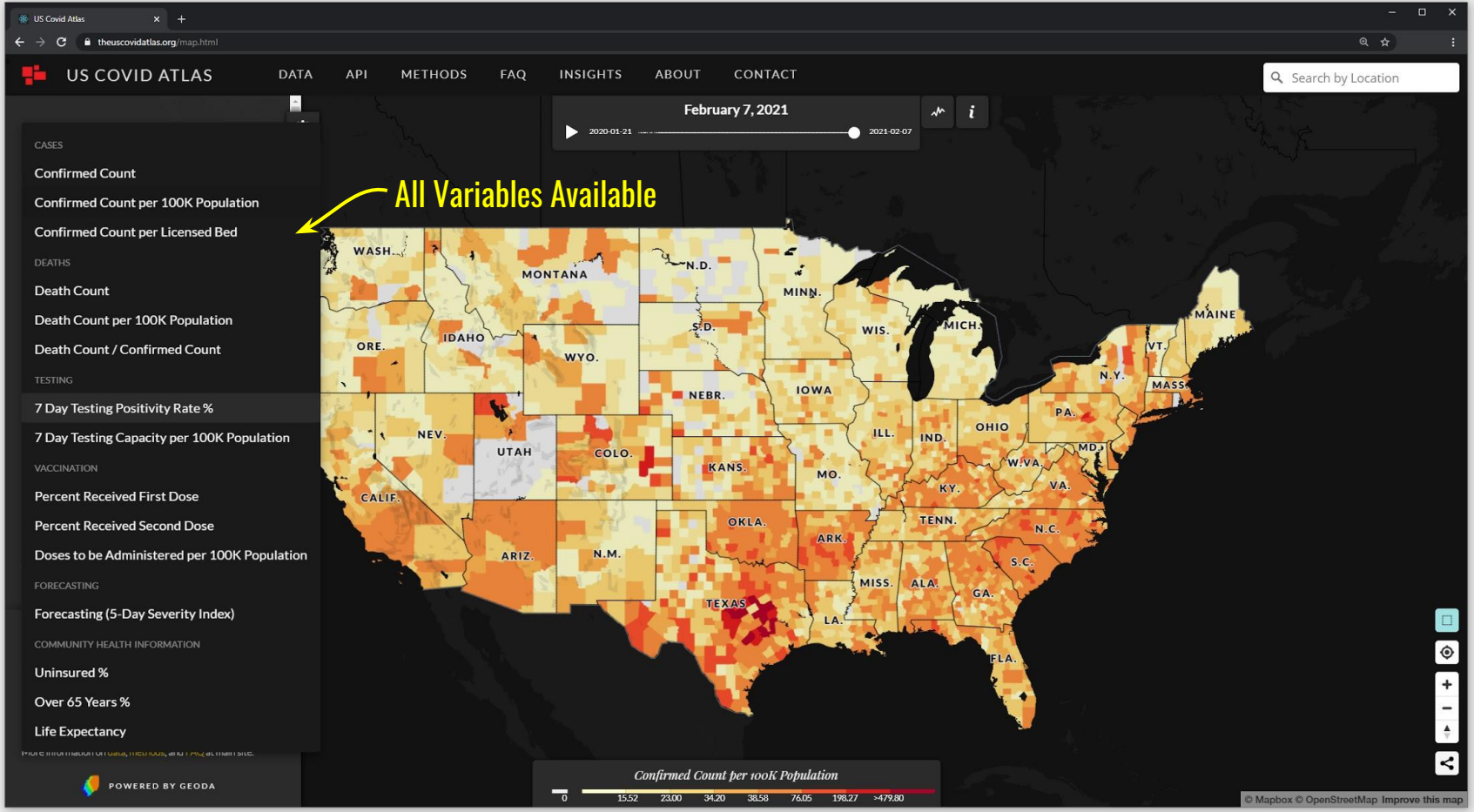


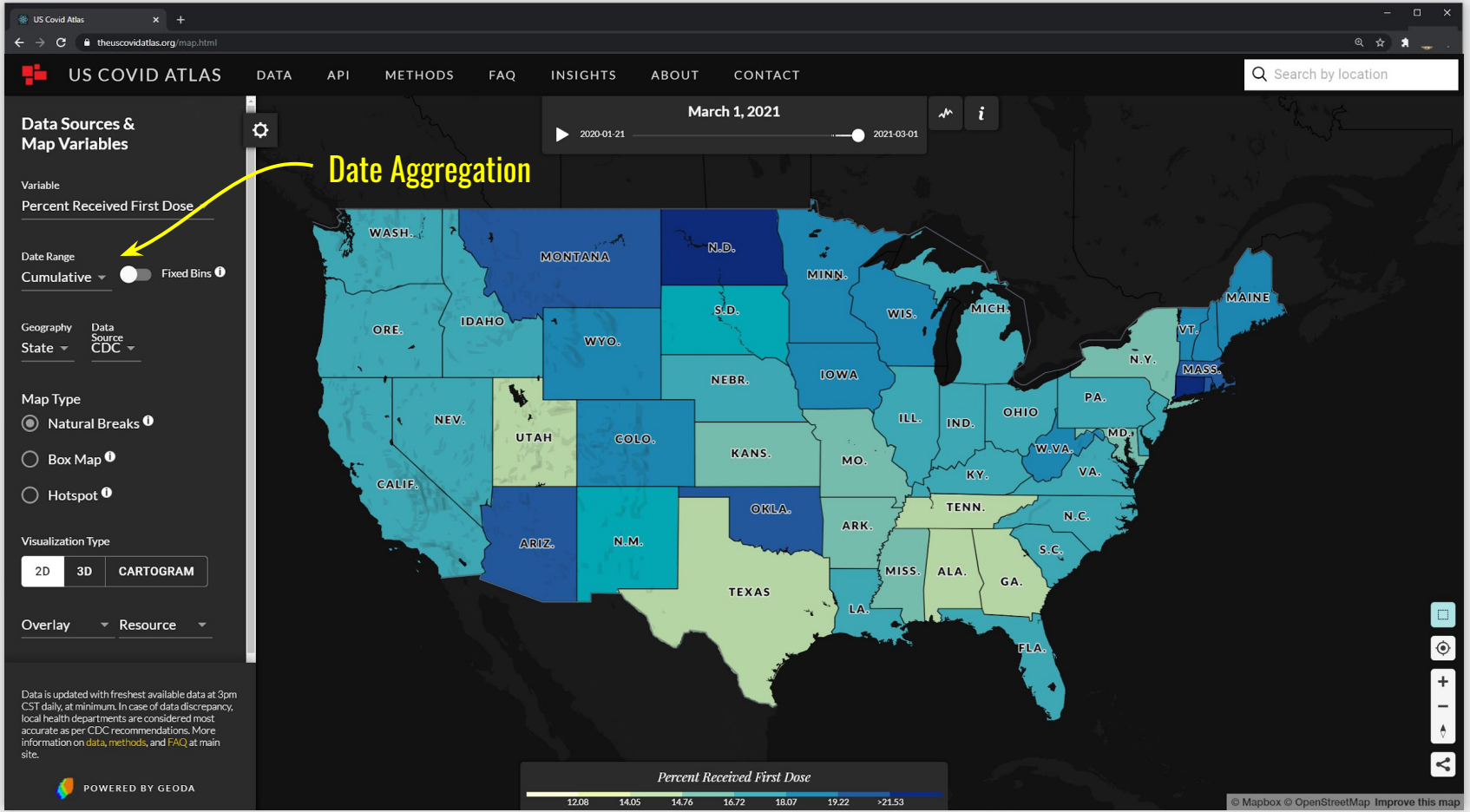
Percent Full Time Workplace Mobility
(Source: Safegraph)

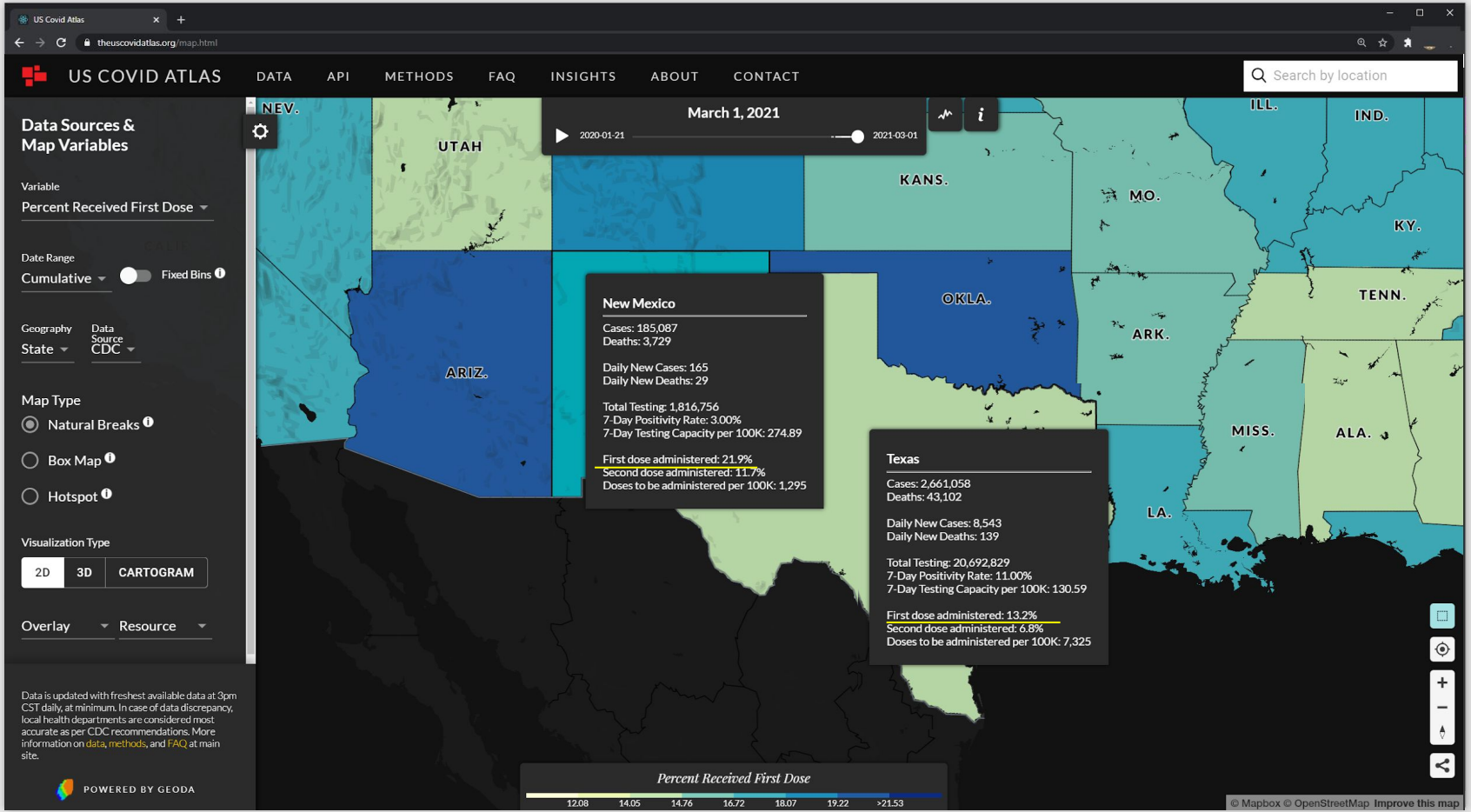


State-Level Vaccination Data
(Source: CDC)


US Covid Atlas
theuscovidatlas.org/map.html
US COVID ATLAS
DATA
API
METHODS
FAQ
INSIGHTS
ABOUT
CONTACT
Search by Location
Data Sources & Map Variables
Map Controls
Variable
Confirmed Count per 100K Population
Change Variable, Timescale, Source
Date Range
7-Day Average
Fixed Bins
Geography
County
Data Source
1point3acres
Map Type
Natural Breaks
Box Map
Hotspot
Analysis and Color
Visualization Type
2D
3D
CARTOGRAM
Viz Type
Help us improve the Atlas!
Take the Atlas v2 survey here or share your thoughts at contact@theuscovidatlas.org.
Data is updated with freshest available data at 3pm CST daily, at minimum. In case of data discrepancy, local health departments are considered most accurate as per CDC recommendations. More information on data, methods, and FAQ at main site.
POWERED BY GEODA
February 7, 2021
2020-01-21
2021-02-07
WASH.
MONTANA
N.D.
MINN.
ORE.
IDAHO
S.D.
WIS.
MICH.
MAINE
WYO.
VT.
N.Y.
MASS.
NEBR.
IOWA
PA.
NEV.
ILL.
IND.
OHIO
UTAH
COLO.
KANS.
MD.
W.VA.
MO.
KY.
VA.
CALIF.
OKLA.
TENN.
N.C.
ARIZ.
N.M.
ARK.
S.C.
MISS.
ALA.
GA.
TEXAS
LA.
FLA.
Confirmed Count per 100K Population
0
15.52
23.00
34.20
38.58
76.05
198.27
>479.80
© Mapbox © OpenStreetMap Improve this map


US Covid Atlas
theuscovidatlas.org/map.html
US COVID ATLAS
DATA
API
METHODS
FAQ
INSIGHTS
ABOUT
CONTACT
Search by Location
February 7, 2021
2020-01-21
2021-02-07
All Variables Available
CASES
Confirmed Count
Confirmed Count per 100K Population
Confirmed Count per Licensed Bed
DEATHS
Death Count
Death Count per 100K Population
Death Count / Confirmed Count
TESTING
7 Day Testing Positivity Rate %
7 Day Testing Capacity per 100K Population
VACCINATION
Percent Received First Dose
Percent Received Second Dose
Doses to be Administered per 100K Population
FORECASTING
Forecasting (5-Day Severity Index)
COMMUNITY HEALTH INFORMATION
Uninsured %
Over 65 Years %
Life Expectancy
WASH.
MONTANA
N.D.
MINN.
WIS.
MICH.
MAINE
VT.
N.Y.
MASS.
ORE.
IDAHO
WYO.
S.D.
NEBR.
IOWA
PA.
NEV.
UTAH
COLO.
KANS.
ILL.
IND.
OHIO
MD.
W.VA.
CALIF.
MO.
KY.
VA.
OKLA.
TENN.
N.C.
ARIZ.
N.M.
ARK.
S.C.
MISS.
ALA.
GA.
TEXAS
LA.
FLA.
POWERED BY GEODA
Confirmed Count per 100K Population
0
15.52
23.00
34.20
38.58
76.05
198.27
>479.80
© Mapbox © OpenStreetMap Improve this map


US Covid Atlas
theuscovidatlas.org/map.html
US COVID ATLAS
DATA
API
METHODS
FAQ
INSIGHTS
ABOUT
CONTACT
Search by location
Data Sources & Map Variables
Variable
Percent Received First Dose
Date Range
Cumulative
Fixed Bins
Geography
State
Data Source
CDC
Map Type
Natural Breaks
Box Map
Hotspot
Visualization Type
2D
3D
CARTOGRAM
Overlay
Resource
Date Aggregation
March 1, 2021
2020-01-21
2021-03-01
WASH.
ORE.
CALIF.
IDAHO
NEV.
MONTANA
WYO.
UTAH
ARIZ.
COLO.
N.M.
N.D.
S.D.
NEBR.
KANS.
OKLA.
TEXAS
MINN.
IOWA
MO.
ARK.
LA.
WIS.
ILL.
MICH.
IND.
OHIO
KY.
TENN.
MISS.
ALA.
GA.
FLA.
S.C.
N.C.
VA.
W.VA.
PA.
N.Y.
MD.
VT.
MAINE
MASS.
Percent Received First Dose
12.08
14.05
14.76
16.72
18.07
19.22
>21.53
Data is updated with freshest available data at 3pm CST daily, at minimum. In case of data discrepancy, local health departments are considered most accurate as per CDC recommendations. More information on data, methods, and FAQ at main site.
POWERED BY GEODA
© Mapbox © OpenStreetMap Improve this map


US Covid Atlas
theuscovidatlas.org/map.html
US COVID ATLAS
DATA
API
METHODS
FAQ
INSIGHTS
ABOUT
CONTACT
Search by location
Data Sources & Map Variables
Variable
Percent Received First Dose
Date Range
Cumulative
Fixed Bins
Geography
State
Data Source
CDC
Map Type
Natural Breaks
Box Map
Hotspot
Visualization Type
2D
3D
CARTOGRAM
Overlay
Resource
Data is updated with freshest available data at 3pm CST daily, at minimum. In case of data discrepancy, local health departments are considered most accurate as per CDC recommendations. More information on data, methods, and FAQ at main site.
POWERED BY GEODA
March 1, 2021
2020-01-21
2021-03-01
NEV.
UTAH
ARIZ.
KANS.
OKLA.
MO.
ILL.
IND.
KY.
TENN.
ARK.
MISS.
ALA.
LA.
New Mexico
Cases: 185,087
Deaths: 3,729
Daily New Cases: 165
Daily New Deaths: 29
Total Testing: 1,816,756
7-Day Positivity Rate: 3.00%
7-Day Testing Capacity per 100K: 274.89
First dose administered: 21.9%
Second dose administered: 11.7%
Doses to be administered per 100K: 1,295
Texas
Cases: 2,661,058
Deaths: 43,102
Daily New Cases: 8,543
Daily New Deaths: 139
Total Testing: 20,692,829
7-Day Positivity Rate: 11.00%
7-Day Testing Capacity per 100K: 130.59
First dose administered: 13.2%
Second dose administered: 6.8%
Doses to be administered per 100K: 7,325
Percent Received First Dose
12.08
14.05
14.76
16.72
18.07
19.22
>21.53
© Mapbox © OpenStreetMap Improve this map

CASES

Confirmed Count

Confirmed Count per 100K Population

Confirmed Count per Licensed Bed

DEATHS

Death Count

Death Count per 100K Population

Death Count / Confirmed Count

TESTING

7 Day Testing Positivity Rate Percent

7 Day Testing Capacity per 100K Population

VACCINATION

Percent Received First Dose

Percent Received Second Dose

Doses to be Administered per 100K Population

FORECASTING

Forecasting (5-Day Severity Index)

COMMUNITY HEALTH INFORMATION

Uninsured Percent

Over 65 Years Percent

Life Expectancy

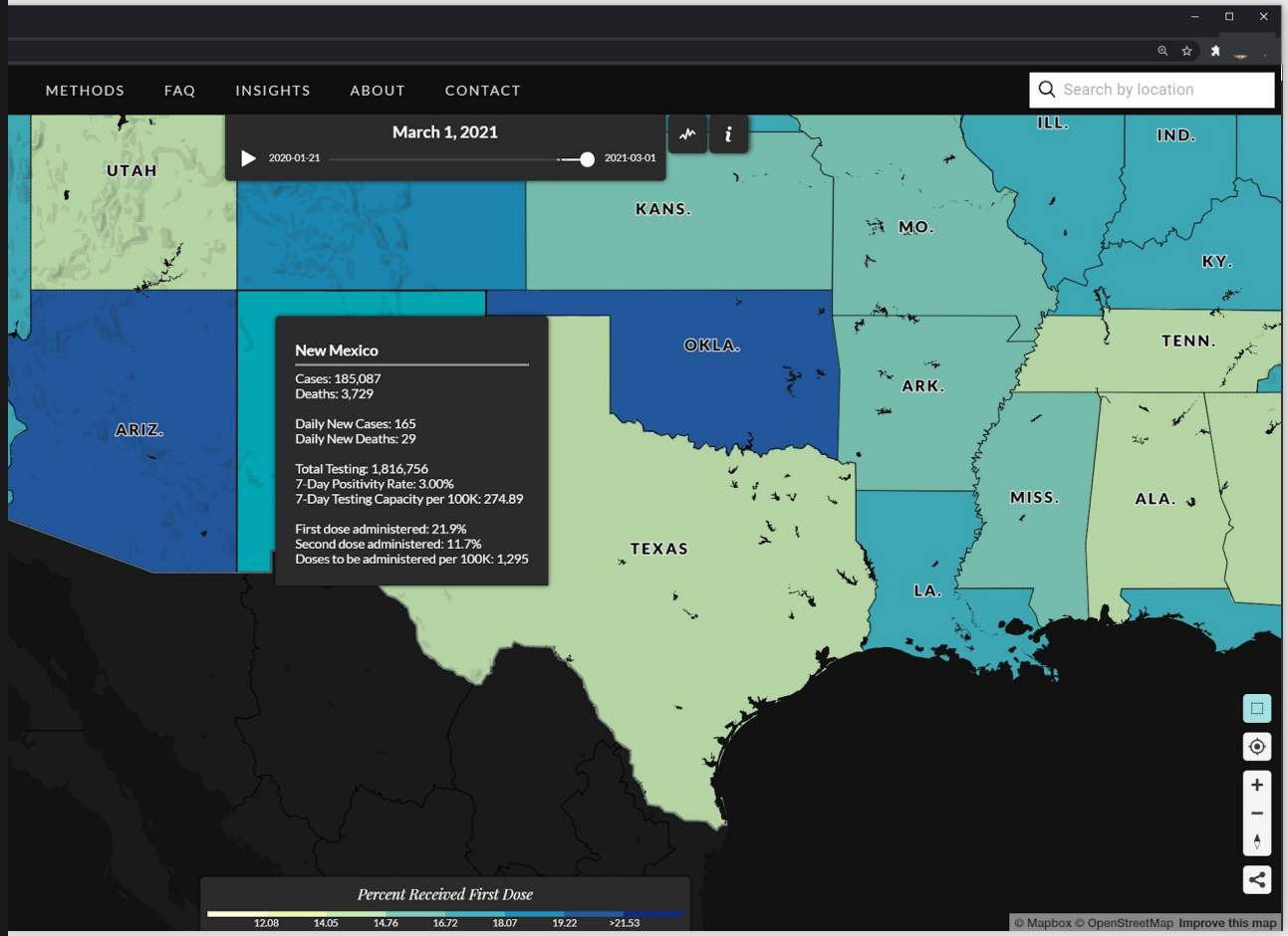
Percent Essential Workers

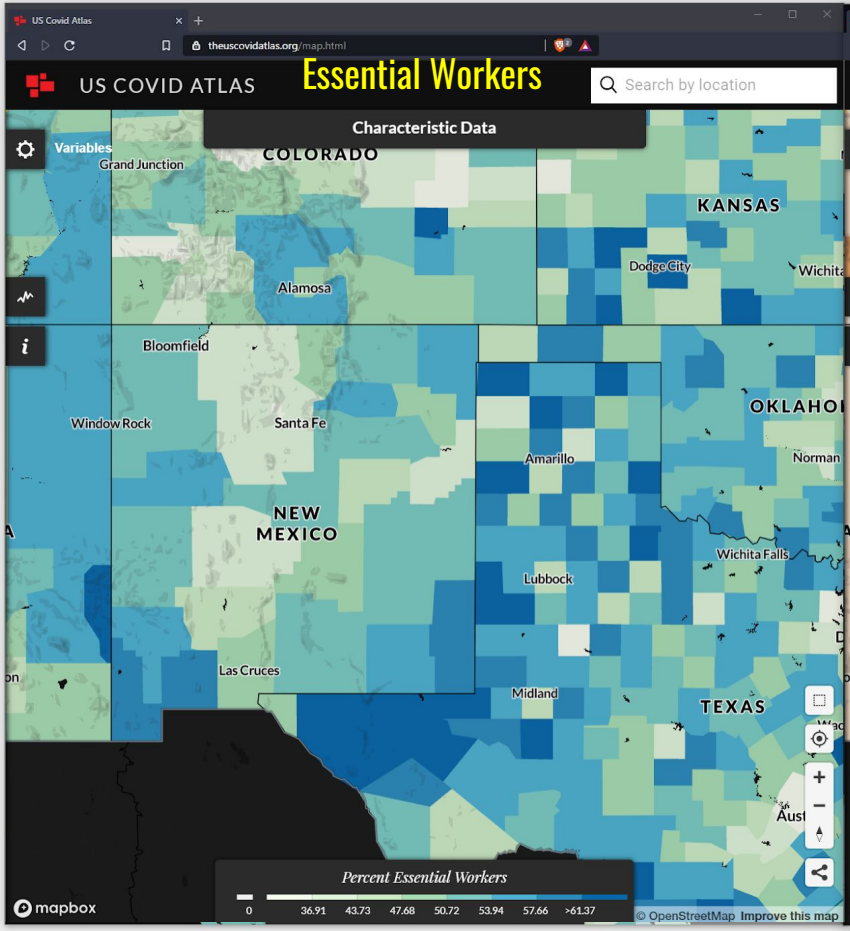
MOBILITY

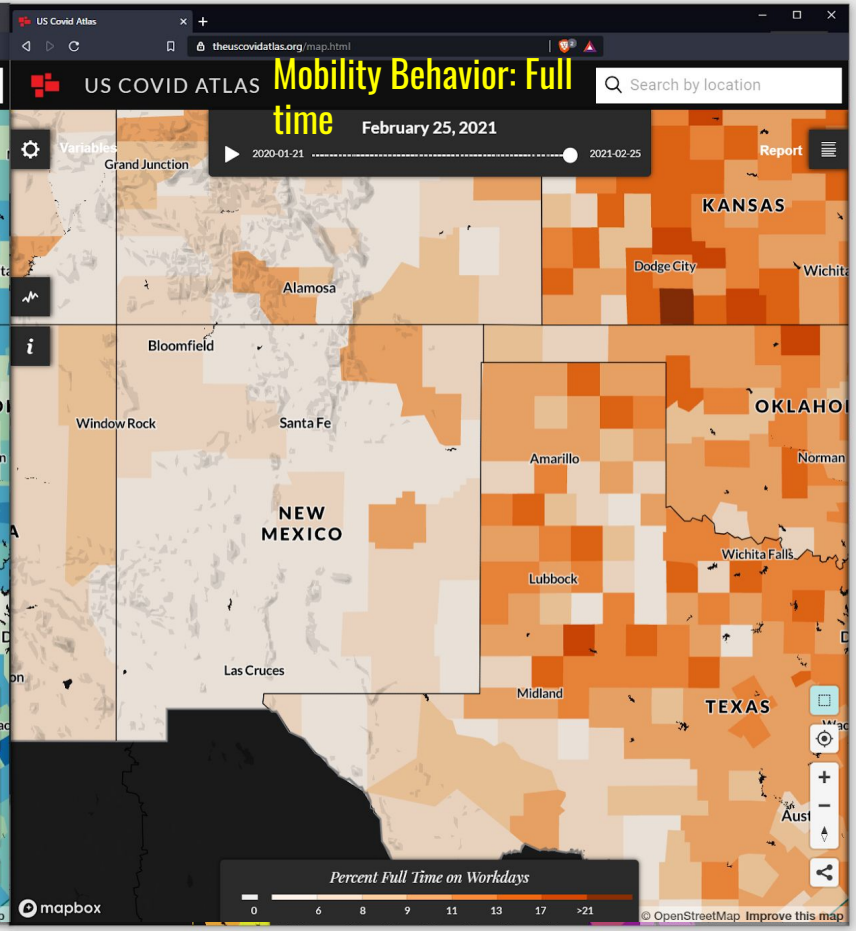
Percent Home on Workdays

Percent Part Time on Workdays

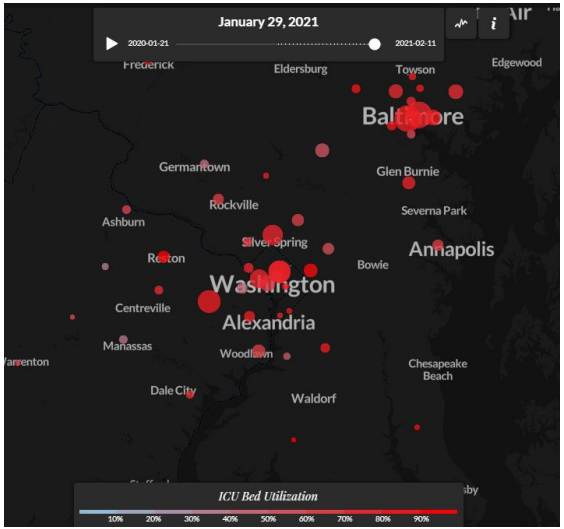
Percent Full Time on Workdays



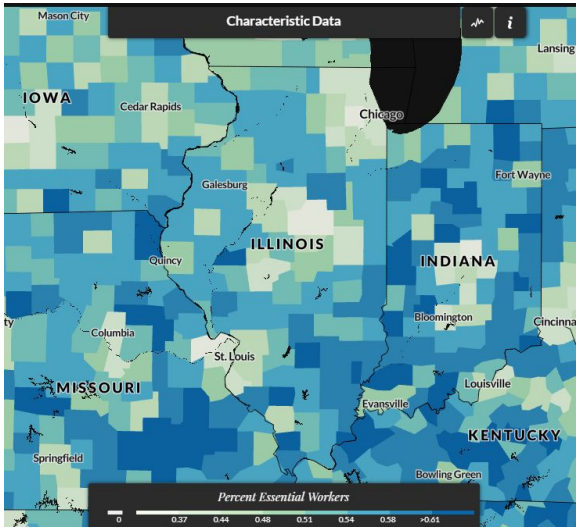

US Covid Atlas
theuscovidatlas.org/map.html
US COVID ATLAS
Essential Workers
Search by location
Characteristic Data
Variables
Grand Junction
COLORADO
KANSAS
Dodge City
Wichita
Alamosa
Bloomfield
Window Rock
Santa Fe
NEW MEXICO
Amarillo
OKLAHOMA
Norman
Wichita Falls
Lubbock
Las Cruces
Midland
TEXAS
Percent Essential Workers
0
36.91
43.73
47.68
50.72
53.94
57.66
>61.37
mapbox
© OpenStreetMap Improve this map


US Covid Atlas
theuscovidatlas.org/map.html
US COVID ATLAS
Mobility Behavior: Full time
Search by location
February 25, 2021
2020-01-21
2021-02-25
Report
Variables
Grand Junction
KANSAS
Dodge City
Wichita
Alamosa
Bloomfield
Window Rock
Santa Fe
NEW MEXICO
Amarillo
OKLAHOMA
Norman
Wichita Falls
Lubbock
Las Cruces
Midland
TEXAS
Percent Full Time on Workdays
0
6
8
9
11
13
17
>21
mapbox
© OpenStreetMap Improve this map

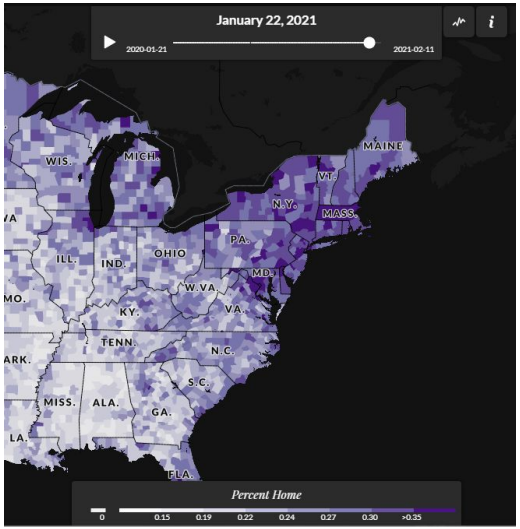
New Data



Hospital Facility Occupancy ICU and Adult Bed Usage (coming soon)

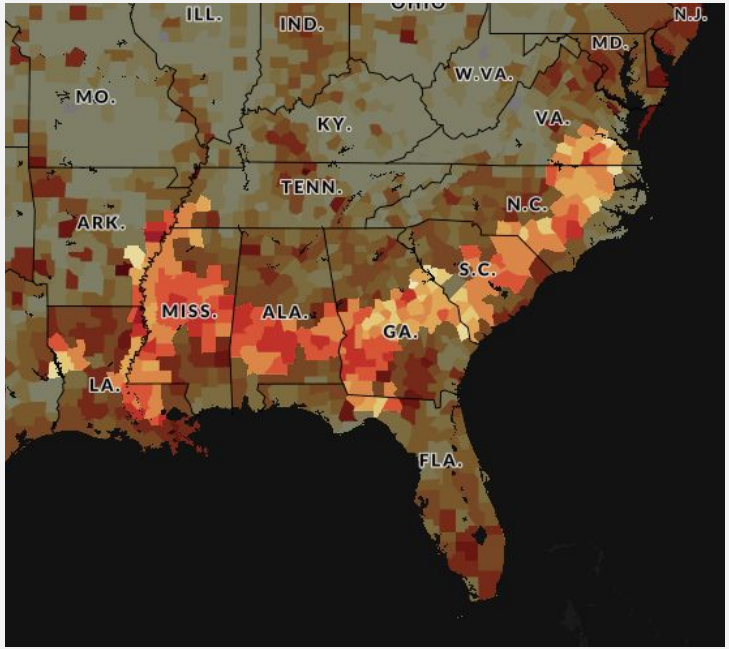


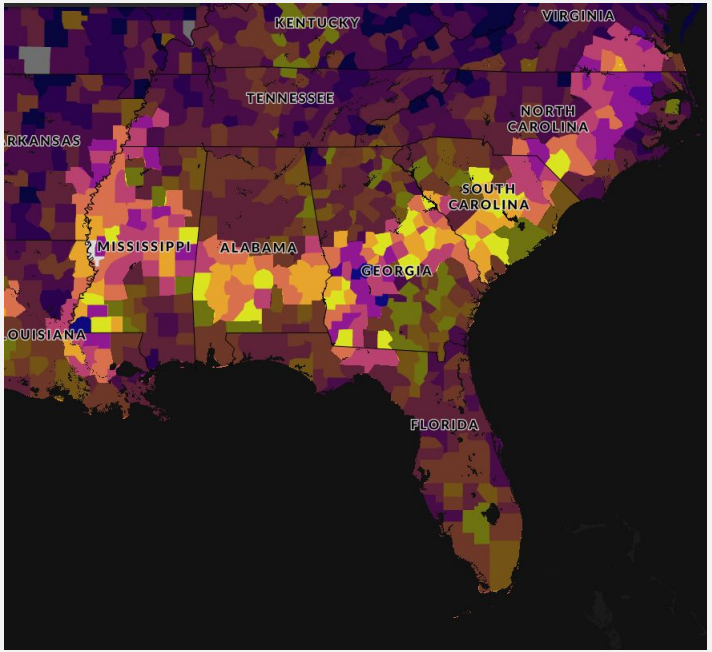
Essential Workers



Mobility Behavior (Phone) (Home, Full time and Part time behavior)

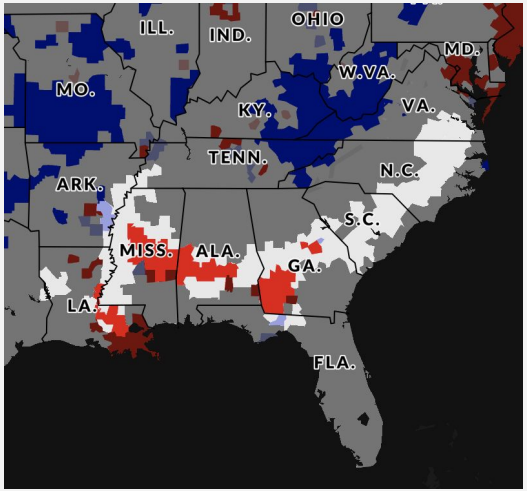
Insight #2. Uncover Vulnerable Communities



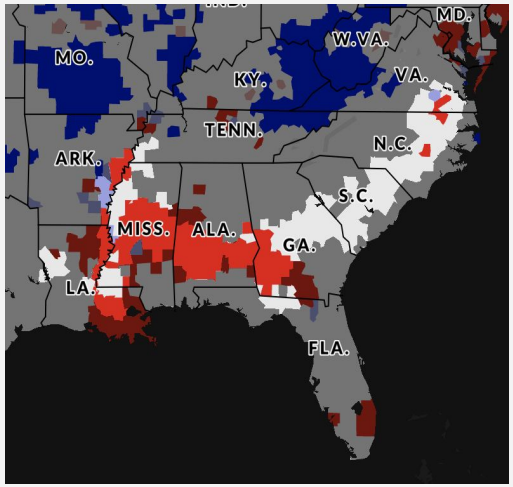


Overlay: The Black Belt in Southern U.S. (Left: July 2, 2020, cumulative confirmed cases per 100K population, via USAFacts, choropleth, Right: July 2, 2020 7-day average testing positivity percentage)

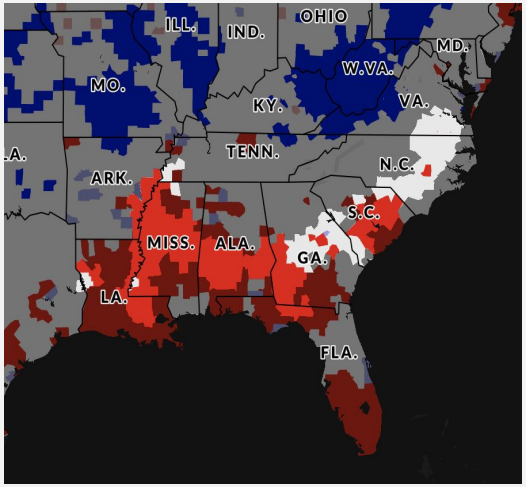
Black Belt Hotspot Progression



May 25th, 2020

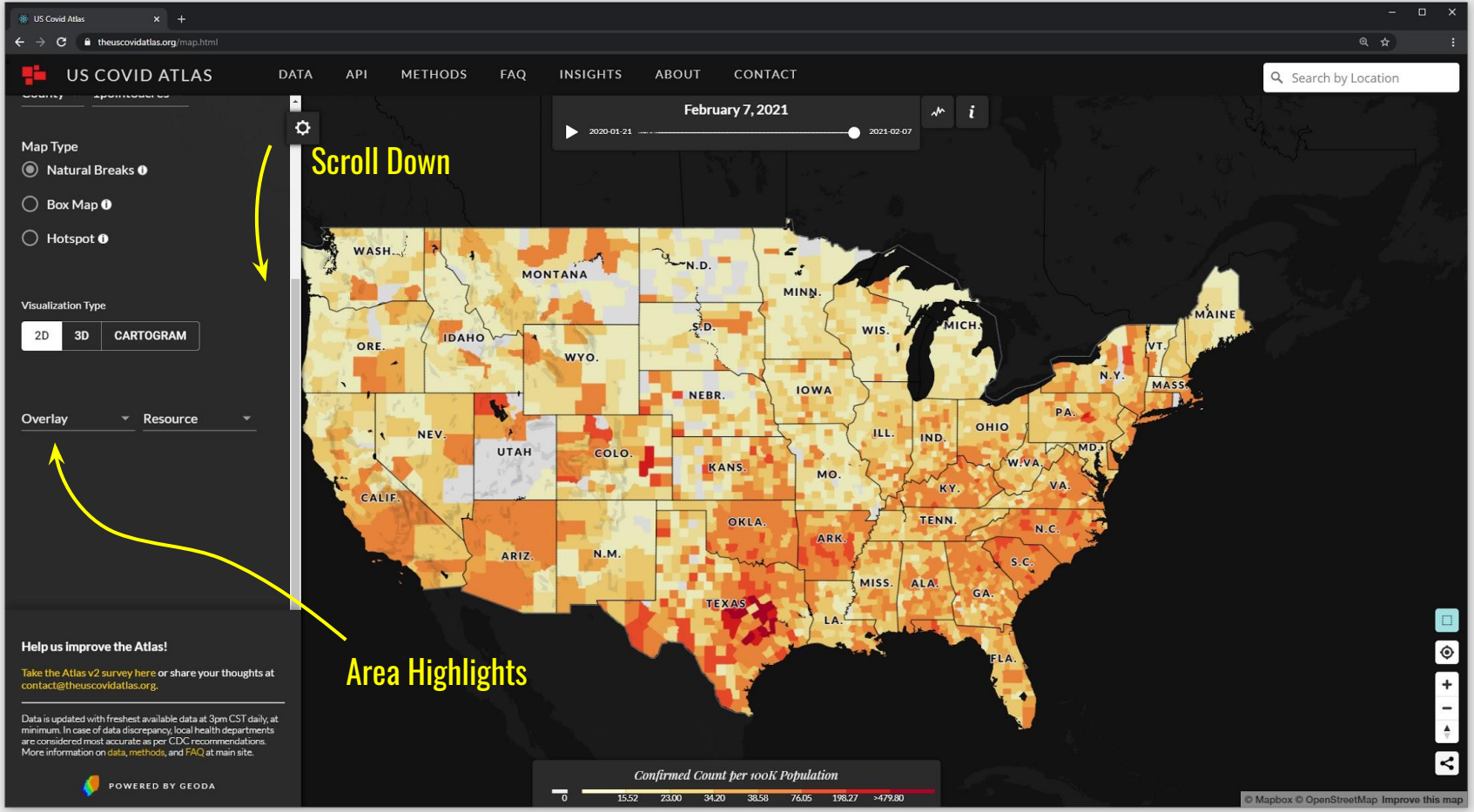


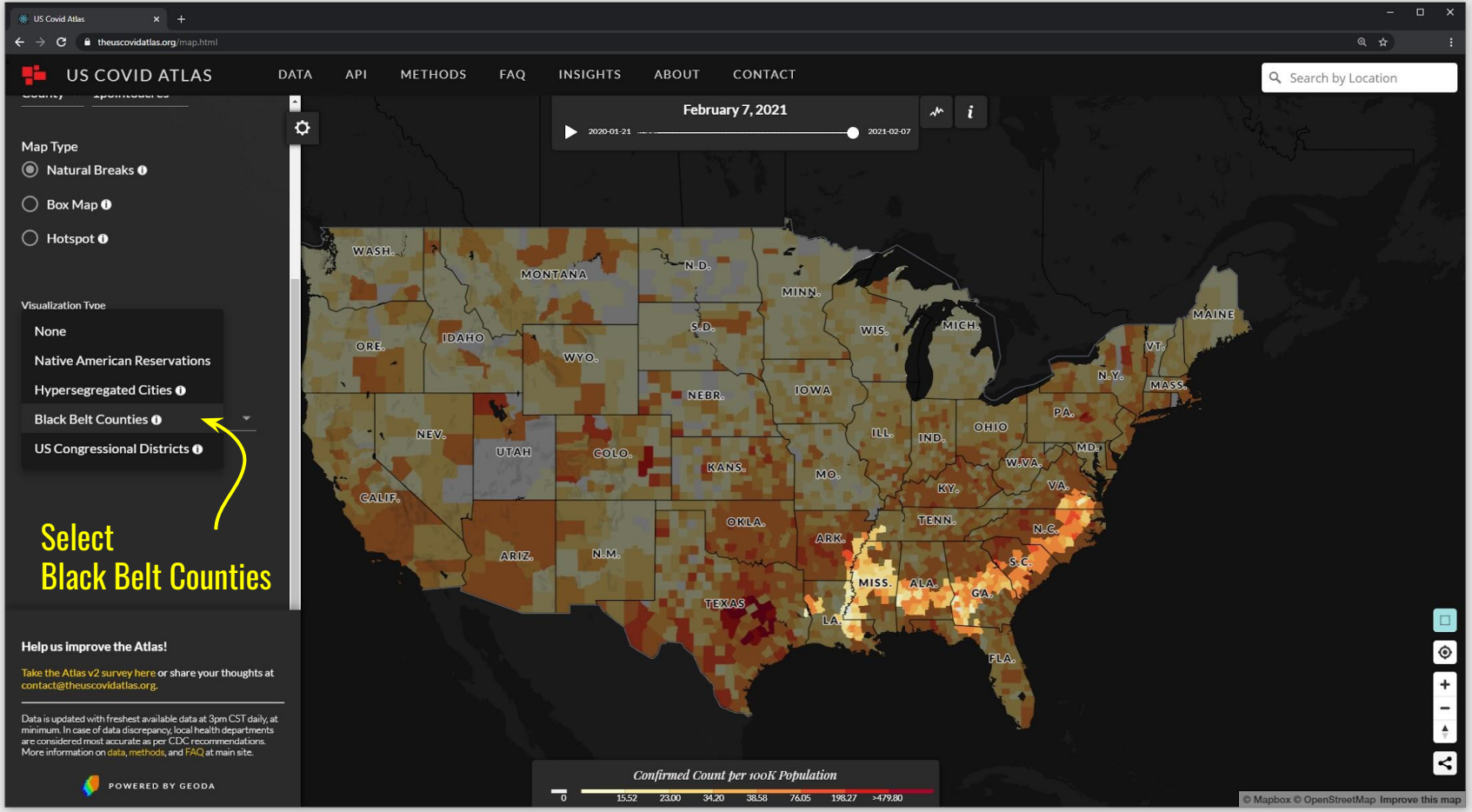
June 25th, 2020

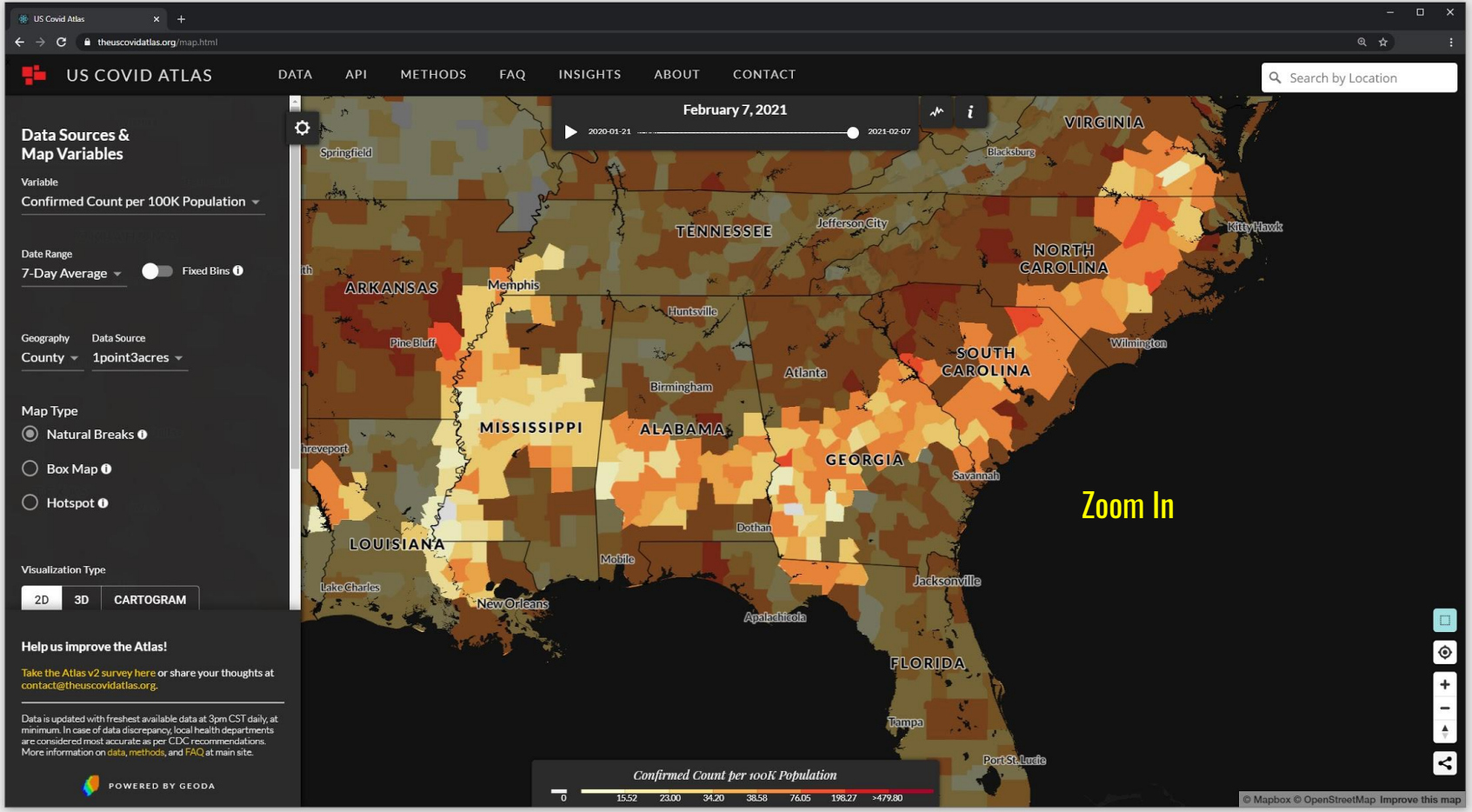


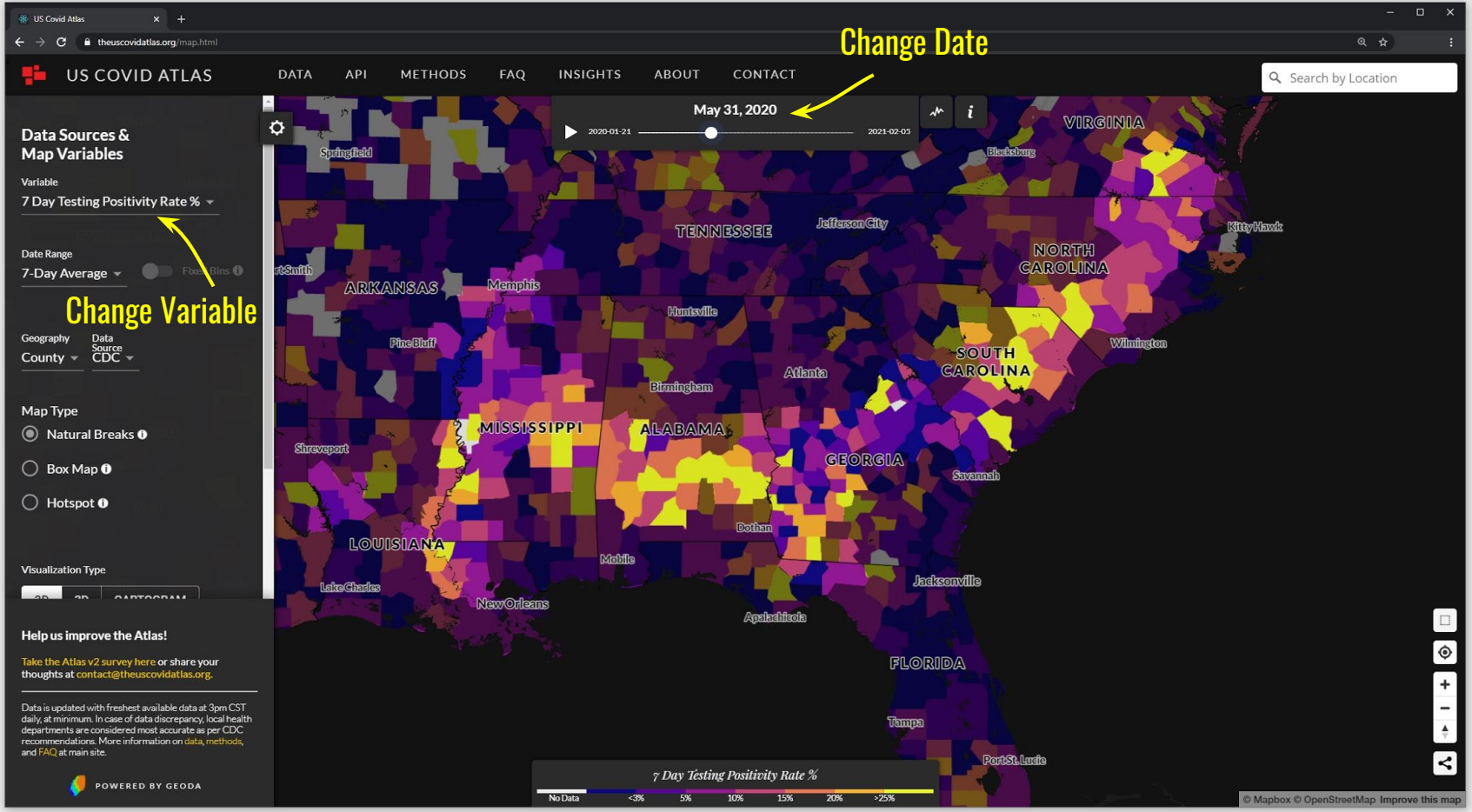
July 25th, 2020

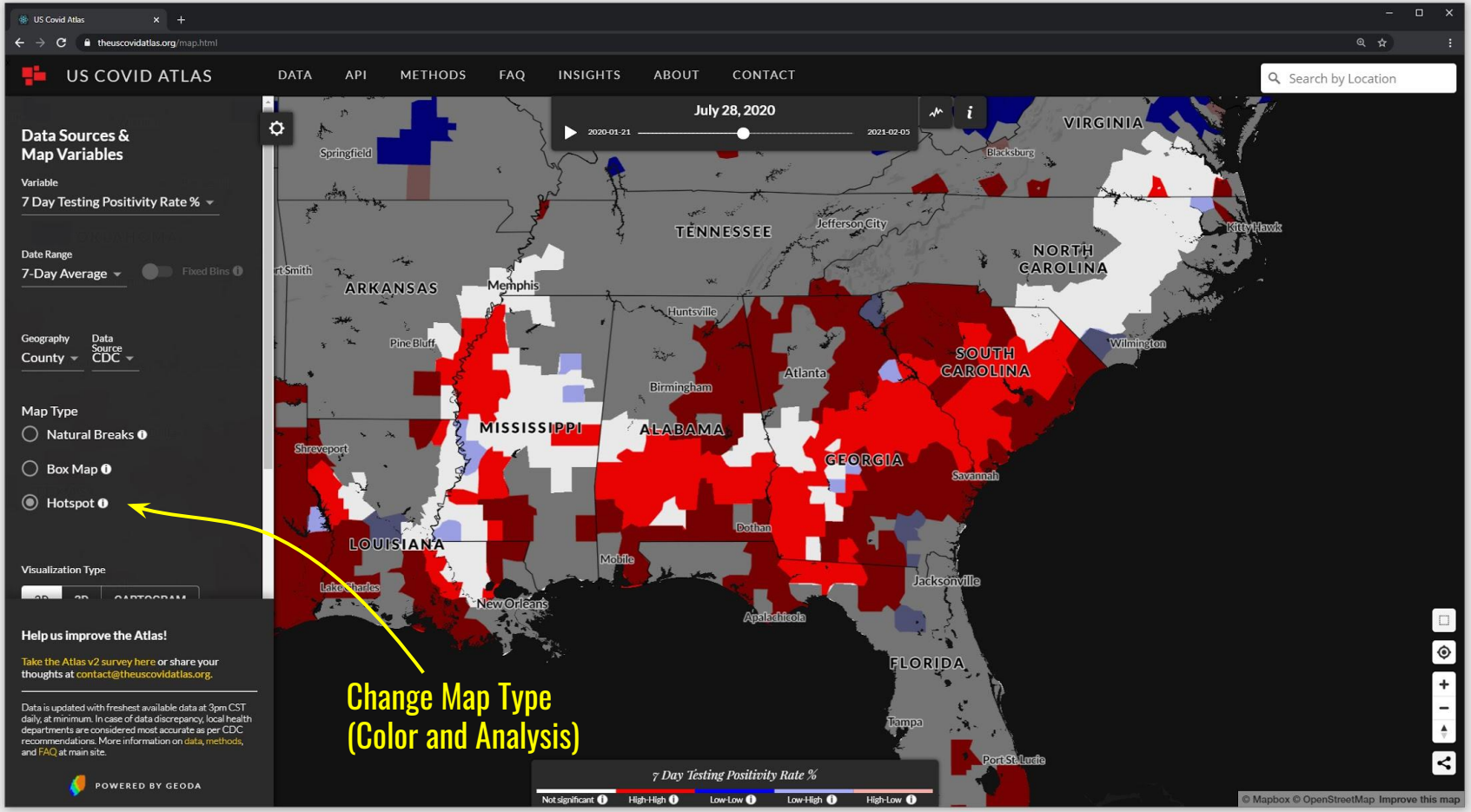
Progression of Black Belt multi-state hotspot in Southern United States using confirmed cases per 100K population (USAFacts data). Black Belt counties are the highlight overlay. The hotspots can be seen in May (left), expanding further in June (middle), and spillover to neighboring counties in July (right).


US Covid Atlas
theuscovidatlas.org/map.html
US COVID ATLAS
DATA
API
METHODS
FAQ
INSIGHTS
ABOUT
CONTACT
Search by Location
February 7, 2021
2020-01-21
2021-02-07
Map Type
Natural Breaks
Box Map
Hotspot
Visualization Type
2D
3D
CARTOGRAM
Overlay
Resource
Scroll Down
Area Highlights
Help us improve the Atlas!
Take the Atlas v2 survey here or share your thoughts at contact@theuscovidatlas.org.
Data is updated with freshest available data at 3pm CST daily, at minimum. In case of data discrepancy, local health departments are considered most accurate as per CDC recommendations. More information on data, methods, and FAQ at main site.
POWERED BY GEODA
WASH.
MONTANA
N.D.
MINN.
ORE.
IDAHO
WYO.
S.D.
WIS.
MICH.
MAINE
VT.
N.Y.
MASS.
NEBR.
IOWA
PA.
NEV.
UTAH
COLO.
ILL.
IND.
OHIO
MD.
W.VA.
KANS.
MO.
KY.
VA.
CALIF.
OKLA.
TENN.
N.C.
ARK.
ARIZ.
N.M.
S.C.
MISS.
ALA.
GA.
TEXAS
LA.
FLA.
Confirmed Count per 100K Population
0
15.52
23.00
34.20
38.58
76.05
198.27
>479.80
© Mapbox © OpenStreetMap Improve this map

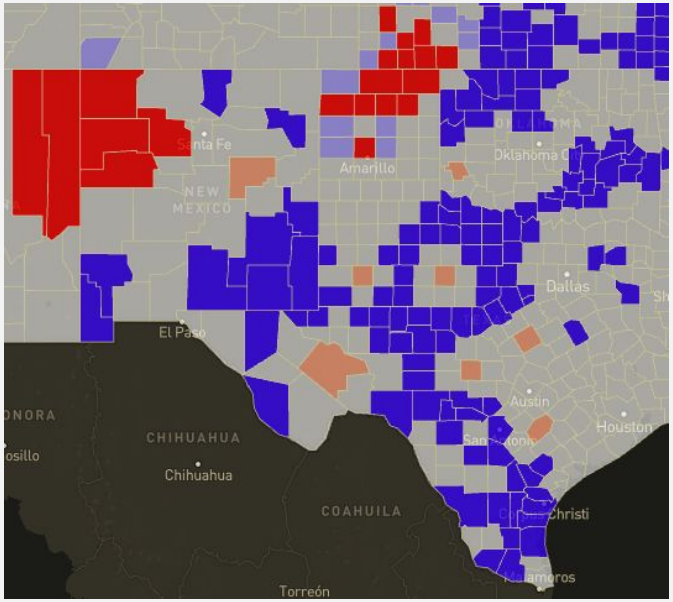

US Covid Atlas
theuscovidatlas.org/map.html
US COVID ATLAS
DATA
API
METHODS
FAQ
INSIGHTS
ABOUT
CONTACT
Search by Location
February 7, 2021
2020-01-21
2021-02-07
Map Type
Natural Breaks
Box Map
Hotspot
Visualization Type
None
Native American Reservations
Hypersegregated Cities
Black Belt Counties
US Congressional Districts
Select
Black Belt Counties
Help us improve the Atlas!
Take the Atlas v2 survey here or share your thoughts at contact@theuscovidatlas.org.
Data is updated with freshest available data at 3pm CST daily, at minimum. In case of data discrepancy, local health departments are considered most accurate as per CDC recommendations. More information on data, methods, and FAQ at main site.
POWERED BY GEODA
WASH.
MONTANA
N.D.
MINN.
ORE.
IDAHO
WYO.
S.D.
WIS.
MICH.
MAINE
VT.
N.Y.
MASS.
NEBR.
IOWA
PA.
NEV.
UTAH
COLO.
ILL.
IND.
OHIO
MD.
KANS.
MO.
W.VA.
KY.
VA.
CALIF.
OKLA.
TENN.
N.C.
ARK.
ARIZ.
N.M.
S.C.
MISS.
ALA.
GA.
TEXAS
LA.
FLA.
Confirmed Count per 100K Population
0
15.52
23.00
34.20
38.58
76.05
198.27
>479.80
© Mapbox © OpenStreetMap Improve this map


US Covid Atlas
theuscovidatlas.org/map.html
US COVID ATLAS
DATA
API
METHODS
FAQ
INSIGHTS
ABOUT
CONTACT
Search by Location
Data Sources & Map Variables
Variable
Confirmed Count per 100K Population
Date Range
7-Day Average
Fixed Bins
Geography
County
Data Source
1point3acres
Map Type
Natural Breaks
Box Map
Hotspot
Visualization Type
2D
3D
CARTOGRAM
Help us improve the Atlas!
Take the Atlas v2 survey here or share your thoughts at contact@theuscovidatlas.org.
Data is updated with freshest available data at 3pm CST daily, at minimum. In case of data discrepancy, local health departments are considered most accurate as per CDC recommendations. More information on data, methods, and FAQ at main site.
POWERED BY GEODA
February 7, 2021
2020-01-21
2021-02-07
Springfield
Memphis
Pine Bluff
Huntsville
Birmingham
Atlanta
Jefferson City
Blacksburg
Kitty Hawk
Wilmington
Savannah
Dothan
Mobile
Jacksonville
Apalachicola
Lake Charles
New Orleans
Tampa
Port St. Lucie
TENNESSEE
VIRGINIA
NORTH CAROLINA
SOUTH CAROLINA
ARKANSAS
MISSISSIPPI
ALABAMA
GEORGIA
LOUISIANA
FLORIDA
Zoom In
Confirmed Count per 100K Population
0
15.52
23.00
34.20
38.58
76.05
198.27
>479.80
© Mapbox © OpenStreetMap Improve this map

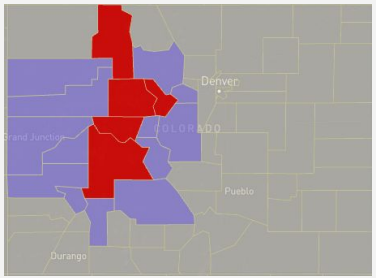

US Covid Atlas
theuscovidatlas.org/map.html
US COVID ATLAS
DATA
API
METHODS
FAQ
INSIGHTS
ABOUT
CONTACT
Search by Location
Change Date
May 31, 2020
2020-01-21
2021-02-05
Data Sources & Map Variables
Variable
7 Day Testing Positivity Rate %
Change Variable
Date Range
7-Day Average
Geography
County
Data Source
CDC
Map Type
Natural Breaks
Box Map
Hotspot
Visualization Type
Help us improve the Atlas!
Take the Atlas v2 survey here or share your thoughts at contact@theuscovidatlas.org.
Data is updated with freshest available data at 3pm CST daily, at minimum. In case of data discrepancy, local health departments are considered most accurate as per CDC recommendations. More information on data, methods, and FAQ at main site.
POWERED BY GEODA
VIRGINIA
TENNESSEE
NORTH CAROLINA
SOUTH CAROLINA
GEORGIA
ALABAMA
MISSISSIPPI
LOUISIANA
ARKANSAS
FLORIDA
Springfield
Blacksburg
Jefferson City
Kitty Hawk
Memphis
Huntsville
Pine Bluff
Wilmington
Atlanta
Birmingham
Shreveport
Savannah
Dothan
Mobile
Lake Charles
New Orleans
Jacksonville
Apalachicola
Tampa
Port St. Lucie
7 Day Testing Positivity Rate %
No Data
<3%
5%
10%
15%
20%
>25%
© Mapbox © OpenStreetMap Improve this map


US Covid Atlas
theuscovidatlas.org/map.html
US COVID ATLAS
DATA
API
METHODS
FAQ
INSIGHTS
ABOUT
CONTACT
Search by Location
Data Sources & Map Variables
Variable
7 Day Testing Positivity Rate %
Date Range
7-Day Average
Fixed Bins
Geography
County
Data Source
CDC
Map Type
Natural Breaks
Box Map
Hotspot
Visualization Type
Help us improve the Atlas!
Take the Atlas v2 survey here or share your thoughts at contact@theuscovidatlas.org.
Data is updated with freshest available data at 3pm CST daily, at minimum. In case of data discrepancy, local health departments are considered most accurate as per CDC recommendations. More information on data, methods, and FAQ at main site.
POWERED BY GEODA
July 28, 2020
2020-01-21
2021-02-05
Springfield
Blacksburg
VIRGINIA
TENNESSEE
Jefferson City
Kitty Hawk
NORTH CAROLINA
ARKANSAS
Memphis
Huntsville
Pine Bluff
Wilmington
SOUTH CAROLINA
Atlanta
Birmingham
MISSISSIPPI
ALABAMA
Shreveport
GEORGIA
Savannah
Dothan
LOUISIANA
Mobile
Lake Charles
Jacksonville
New Orleans
Apalachicola
FLORIDA
Tampa
Port St. Lucie
Change Map Type
(Color and Analysis)
7 Day Testing Positivity Rate %
Not significant
High-High
Low-Low
Low-High
High-Low
© Mapbox © OpenStreetMap Improve this map

Insight #3. Uncover Unexpected Hot Spots

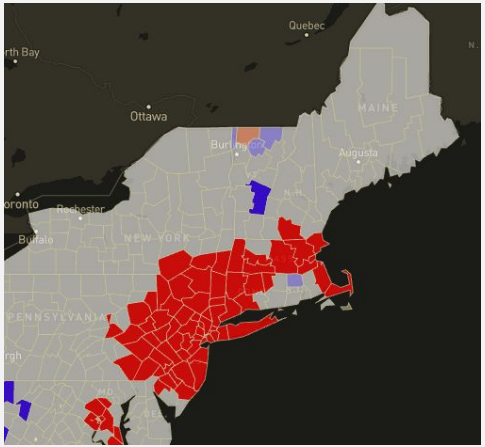


Tri-state COVID Spillover from Meatpacking Plant Outbreak in Southeastern Kansas. *June 1, 2020*



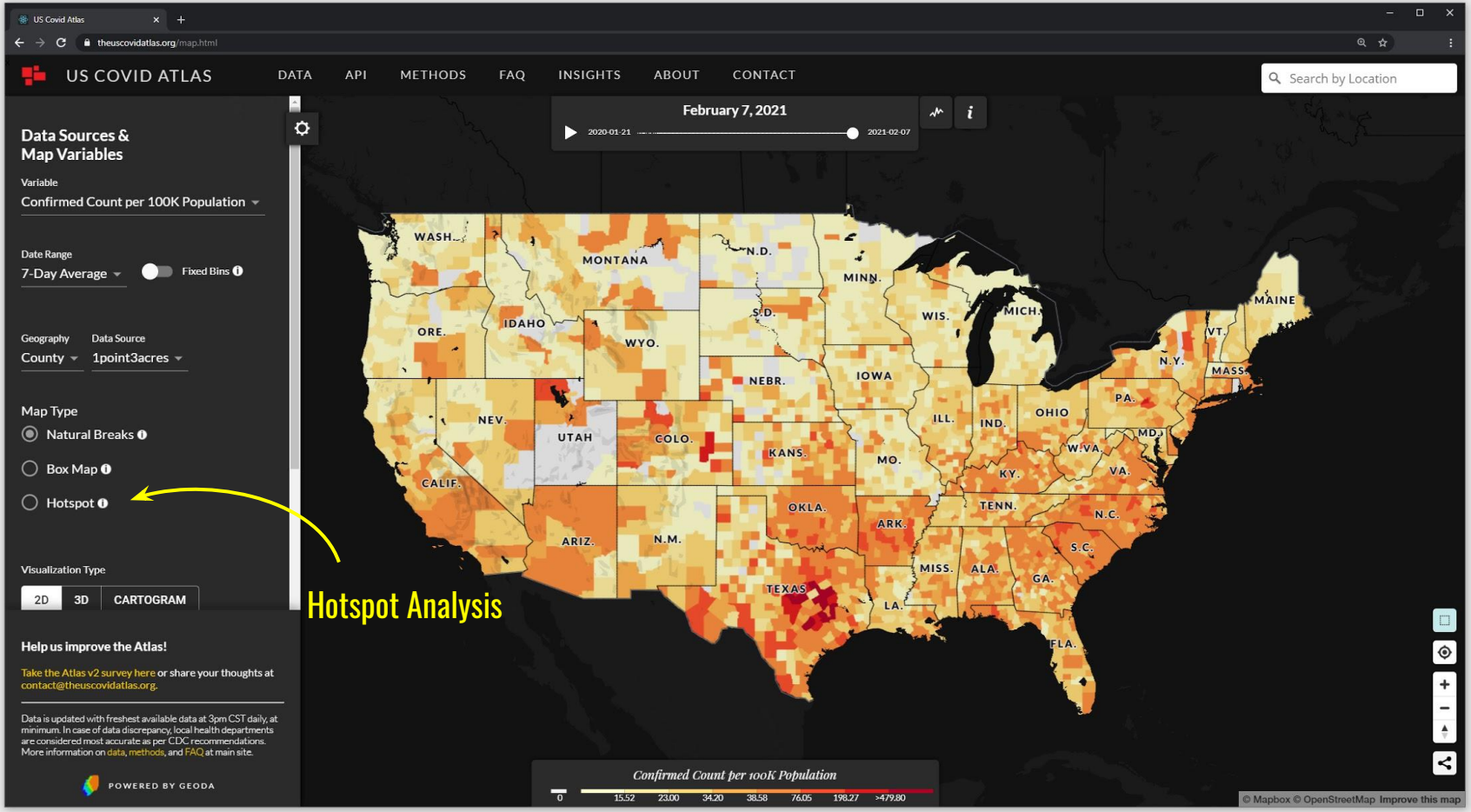
COVID Spillover from Ski Resort Outbreak in Colorado

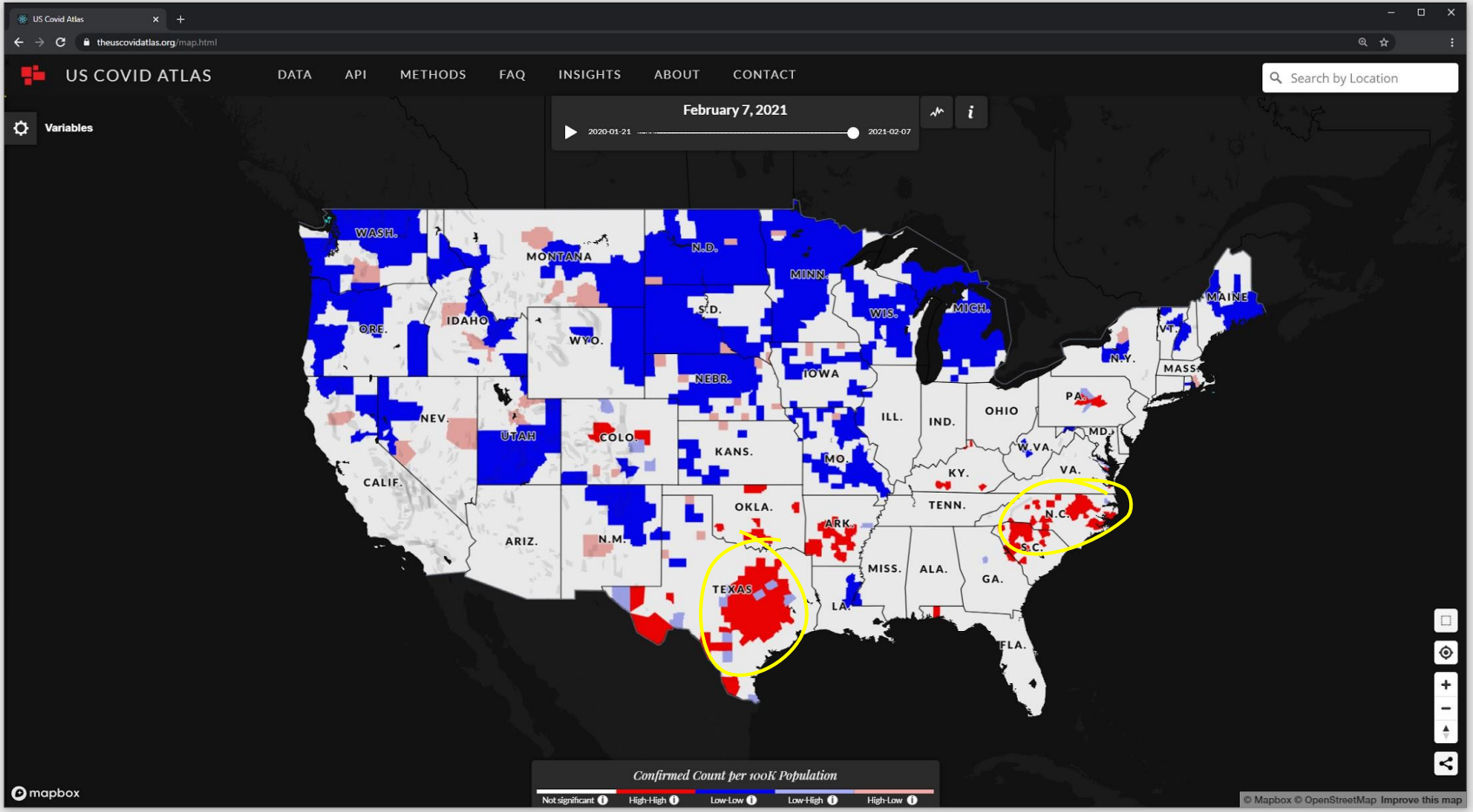
March 13, 2020

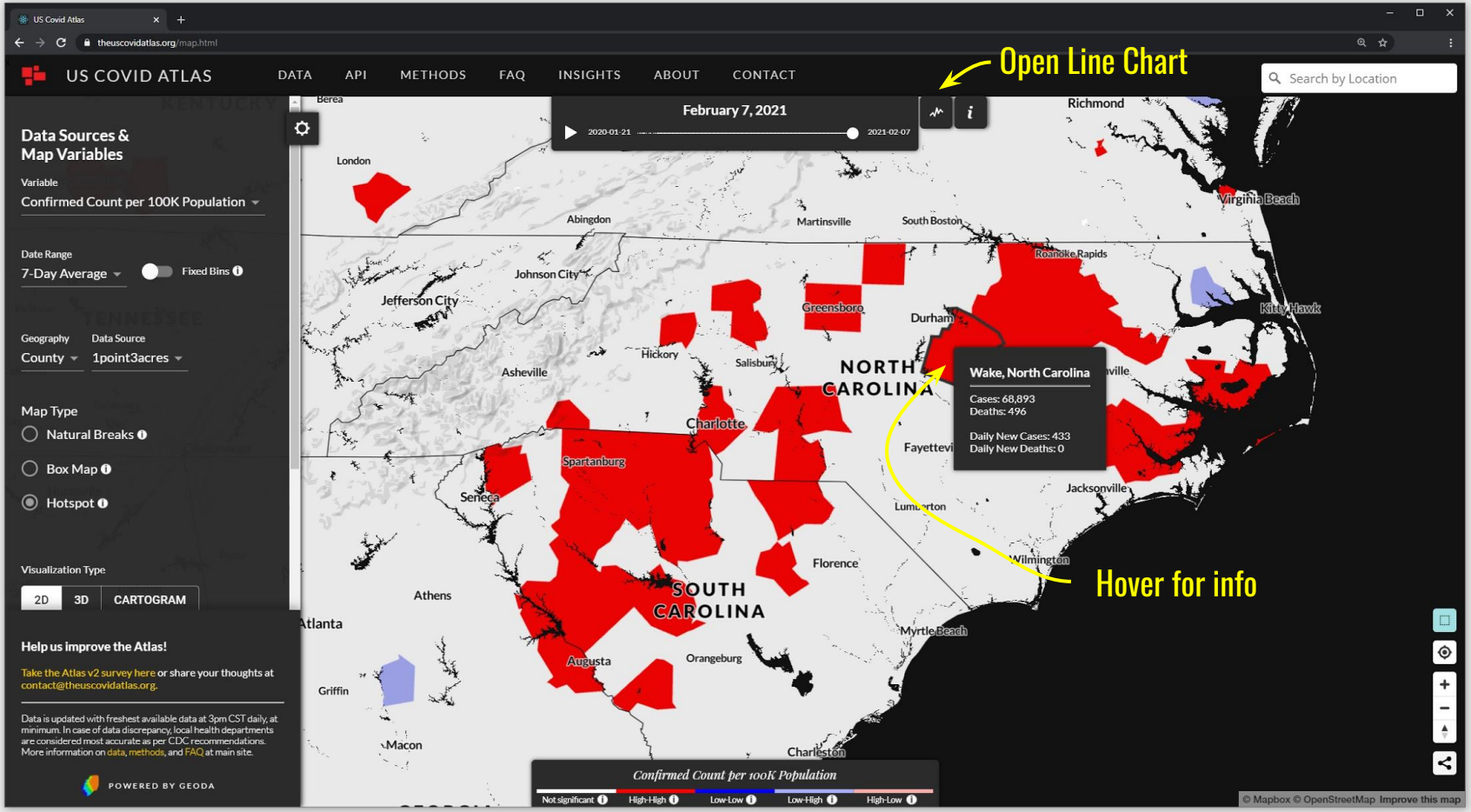


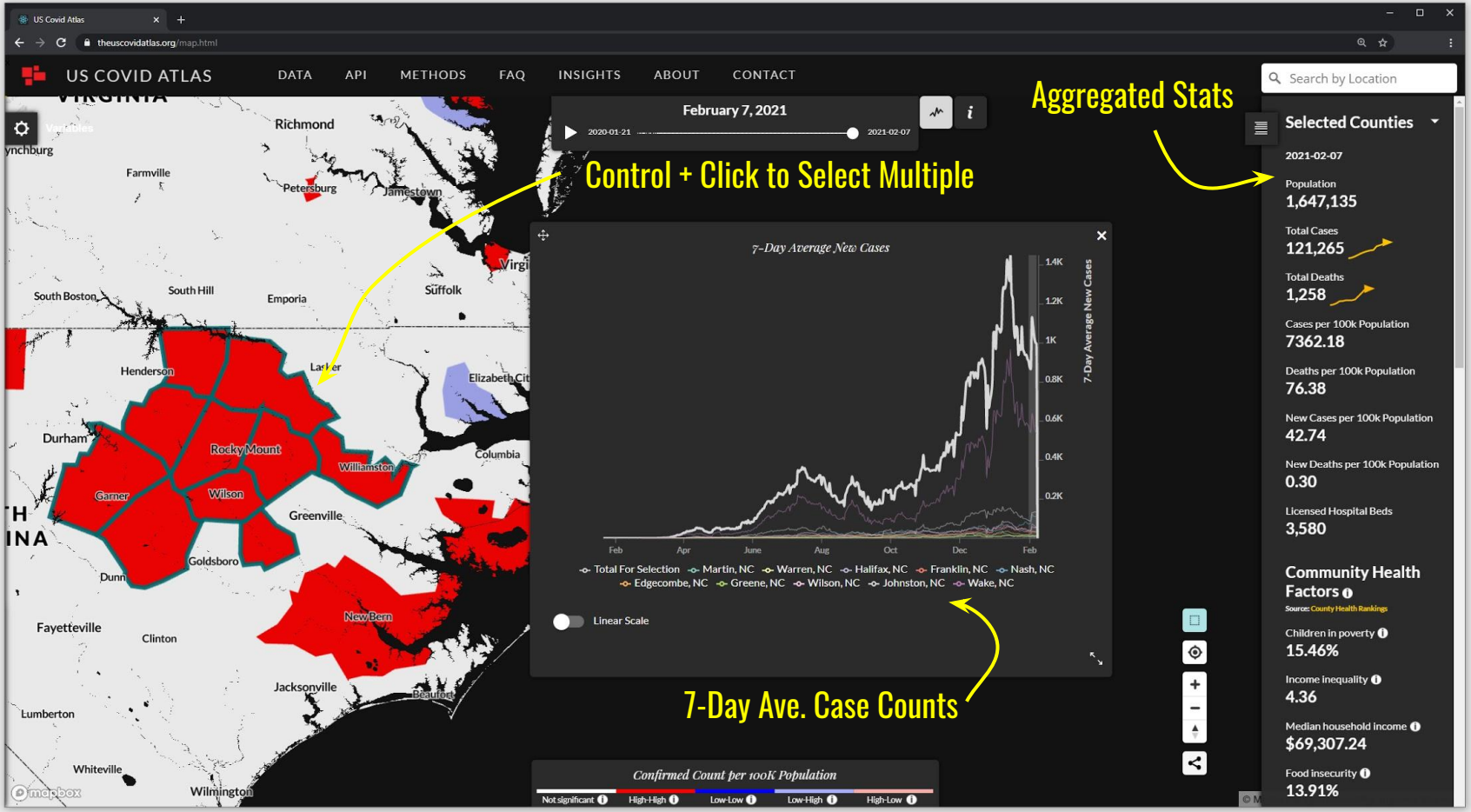
COVID Spillover from NYC to Nearby Vacation Homes

April 10, 2020
[featured in NYTimes]


US Covid Atlas
theuscovidatlas.org/map.html
US COVID ATLAS
DATA
API
METHODS
FAQ
INSIGHTS
ABOUT
CONTACT
Search by Location
Data Sources & Map Variables
Variable
Confirmed Count per 100K Population
Date Range
7-Day Average
Fixed Bins
Geography
County
Data Source
1point3acres
Map Type
Natural Breaks
Box Map
Hotspot
Visualization Type
2D
3D
CARTOGRAM
Help us improve the Atlas!
Take the Atlas v2 survey here or share your thoughts at contact@theuscovidatlas.org.
Data is updated with freshest available data at 3pm CST daily, at minimum. In case of data discrepancy, local health departments are considered most accurate as per CDC recommendations. More information on data, methods, and FAQ at main site.
POWERED BY GEODA
February 7, 2021
2020-01-21
2021-02-07
Hotspot Analysis
Confirmed Count per 100K Population
0
15.52
23.00
34.20
38.58
76.05
198.27
>479.80
© Mapbox © OpenStreetMap Improve this map


US Covid Atlas
theuscovidatlas.org/map.html
US COVID ATLAS
DATA
API
METHODS
FAQ
INSIGHTS
ABOUT
CONTACT
Search by Location
Variables
February 7, 2021
2020-01-21
2021-02-07
WASH.
MONTANA
N.D.
MINN.
ORE.
IDAHO
S.D.
WIS.
MICH.
MAINE
WYO.
N.Y.
MASS.
NEBR.
IOWA
PA.
NEV.
UTAH
COLO.
ILL.
IND.
OHIO
MD.
W.VA.
KANS.
MO.
KY.
VA.
CALIF.
OKLA.
TENN.
N.C.
ARK.
ARIZ.
N.M.
S.C.
MISS.
ALA.
GA.
TEXAS
LA.
FLA.
Confirmed Count per 100K Population
Not significant
High-High
Low-Low
Low-High
High-Low
mapbox
© Mapbox © OpenStreetMap Improve this map


US Covid Atlas
theuscovidatlas.org/map.html
US COVID ATLAS
DATA
API
METHODS
FAQ
INSIGHTS
ABOUT
CONTACT
Open Line Chart
Search by Location
February 7, 2021
2020-01-21
2021-02-07
Data Sources & Map Variables
Variable
Confirmed Count per 100K Population
Date Range
7-Day Average
Fixed Bins
Geography
County
Data Source
1point3acres
Map Type
Natural Breaks
Box Map
Hotspot
Visualization Type
2D
3D
CARTOGRAM
Help us improve the Atlas!
Take the Atlas v2 survey here or share your thoughts at contact@theuscovidatlas.org.
Data is updated with freshest available data at 3pm CST daily, at minimum. In case of data discrepancy, local health departments are considered most accurate as per CDC recommendations. More information on data, methods, and FAQ at main site.
POWERED BY GEODA
Wake, North Carolina
Cases: 68,893
Deaths: 496
Daily New Cases: 433
Daily New Deaths: 0
Hover for info
Confirmed Count per 100K Population
Not significant
High-High
Low-Low
Low-High
High-Low
© Mapbox © OpenStreetMap Improve this map
Berea
London
Abingdon
Johnson City
Jefferson City
Asheville
Hickory
Salisbury
Greensboro
Durham
Martinsville
South Boston
Roanoke Rapids
Richmond
Virginia Beach
Kitty Hawk
NORTH CAROLINA
Charlotte
Fayetteville
Jacksonville
Lumberton
Florence
Wilmington
Myrtle Beach
Spartanburg
Seneca
Athens
Atlanta
SOUTH CAROLINA
Augusta
Orangeburg
Griffin
Macon
Charleston

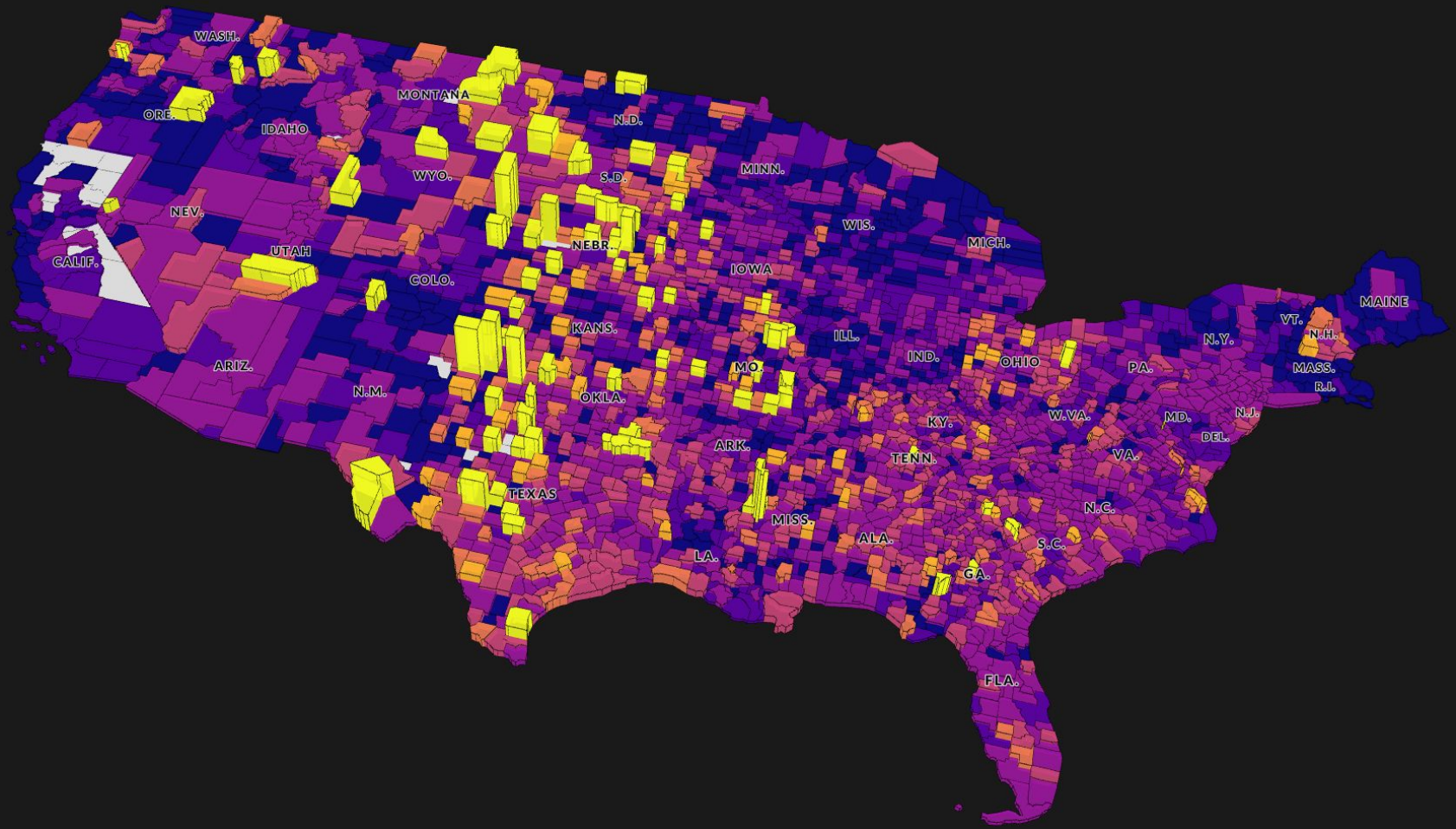

US Covid Atlas
theuscovidatlas.org/map.html
US COVID ATLAS
DATA
API
METHODS
FAQ
INSIGHTS
ABOUT
CONTACT
Search by Location
February 7, 2021
2020-01-21
2021-02-07
Control + Click to Select Multiple
Aggregated Stats
7-Day Average New Cases
Total For Selection
Martin, NC
Warren, NC
Halifax, NC
Franklin, NC
Nash, NC
Edgecombe, NC
Greene, NC
Wilson, NC
Johnston, NC
Wake, NC
Linear Scale
7-Day Ave. Case Counts
Selected Counties
2021-02-07
Population
1,647,135
Total Cases
121,265
Total Deaths
1,258
Cases per 100k Population
7362.18
Deaths per 100k Population
76.38
New Cases per 100k Population
42.74
New Deaths per 100k Population
0.30
Licensed Hospital Beds
3,580
Community Health Factors
Source: County Health Rankings
Children in poverty
15.46%
Income inequality
4.36
Median household income
$69,307.24
Food insecurity
13.91%
Confirmed Count per 100K Population
Not significant
High-High
Low-Low
Low-High
High-Low
Richmond
Petersburg
Farmville
Jamestown
Suffolk
South Boston
South Hill
Emporia
Henderson
Durham
Rocky Mount
Williamston
Garner
Wilson
Greenville
Goldsboro
Dunn
Fayetteville
Clinton
New Bern
Jacksonville
Lumberton
Whiteville
Wilmington
Columbia

Live Demo

Exploring the Atlas

Hands-on with the Atlas

1. Map animation
2. Composed Snapshot
3. Embedding and Sharing your map
4. Downloading Data



7 Day Testing Positivity Rate Percent

US COVID ATLAS DATA API METHODS FAQ INSIGHTS ABOUT CONTACT

Search by location

Data Sources & Map Variables

Variable
Confirmed Count per 100K Population

Date Range
Custom Range — Fixed Bins

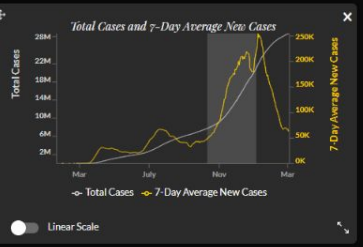
Geography: State — Data Source: 1point3acres

Map Type
- Natural Breaks
- Box Map
- Hotspot

Visualization Type
2D | 3D | CARTOGRAM

Overlay — Resource

10-20 01-21



Confirmed Count per 100K Population
0 23.63 29.39 40.04 51.21 60.90 66.67 >97.55

Data is updated with freshest available data at 3pm CST daily, at minimum. In case of data discrepancy, local health departments are considered most accurate as per CDC recommendations. More information on data, methods, and FAQ at main site.

POWERED BY GEODA

While the COVID pandemic is global, it's experienced locally.

Yet no digital experiences currently integrate both quantitative and measured data that could add a much needed human perspective.

Q&A

Additional Resources

Weekly insights and findings
medium.com/CovidAtlas

Tag us
@covid_atlas | @uscovidatlas

Contact us
mkolak@uchicago.edu

Thank You!

See more at USCovidAtlas.org