

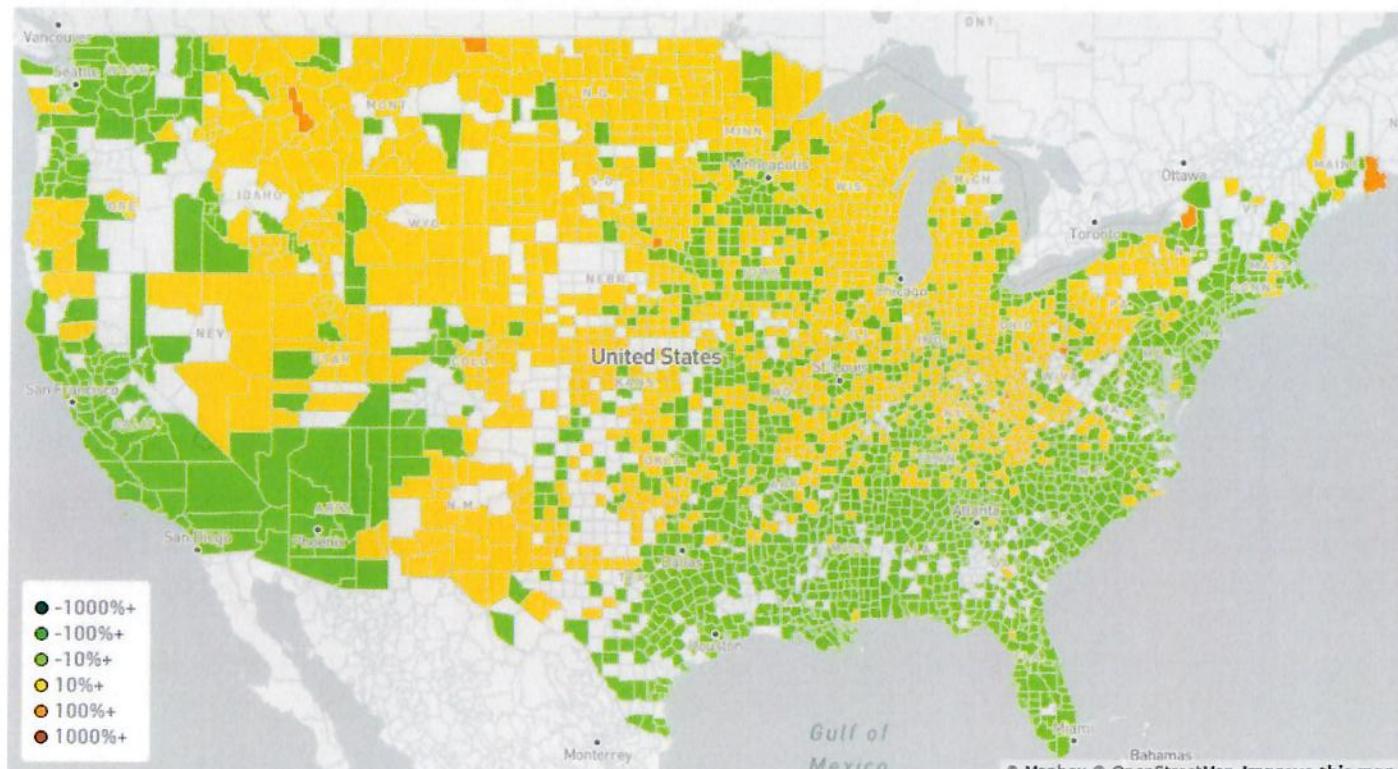
Daily Summary Report (Hospitalizations, Cases, Testing)

27 October 2020

National Overview

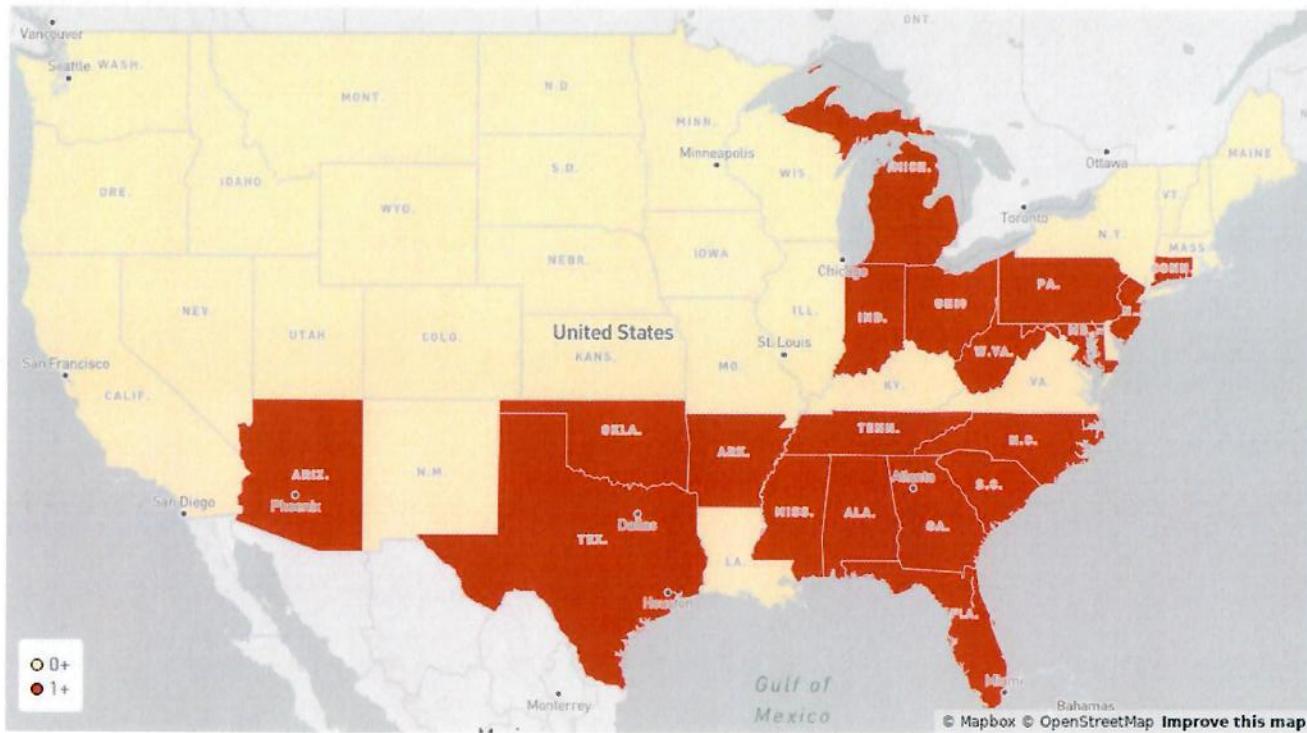
Weekly Percent Change in Cases

Cases Date: Oct 26, 2020



Kinsa Outbreak Detection, Red Indicates an Outbreak Prediction

Kinsa Outbreak Data: 10/27/20 3:00 AM

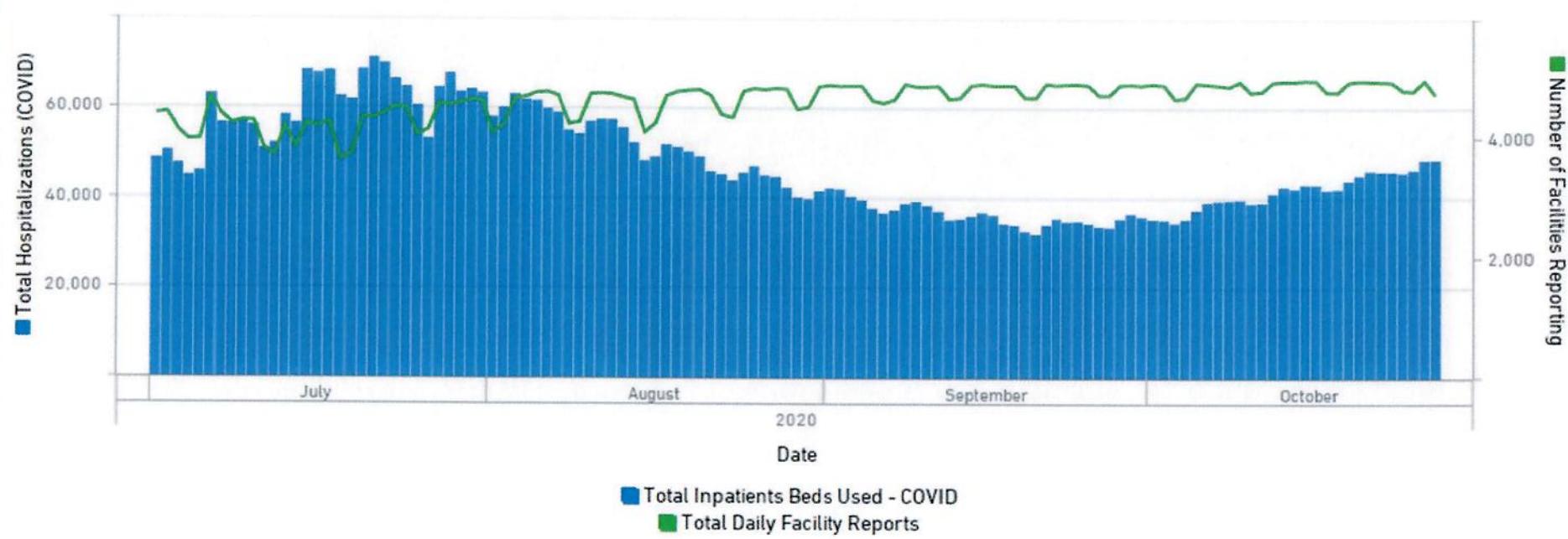


DATA PROVIDED BY KNSA INSIGHTS.

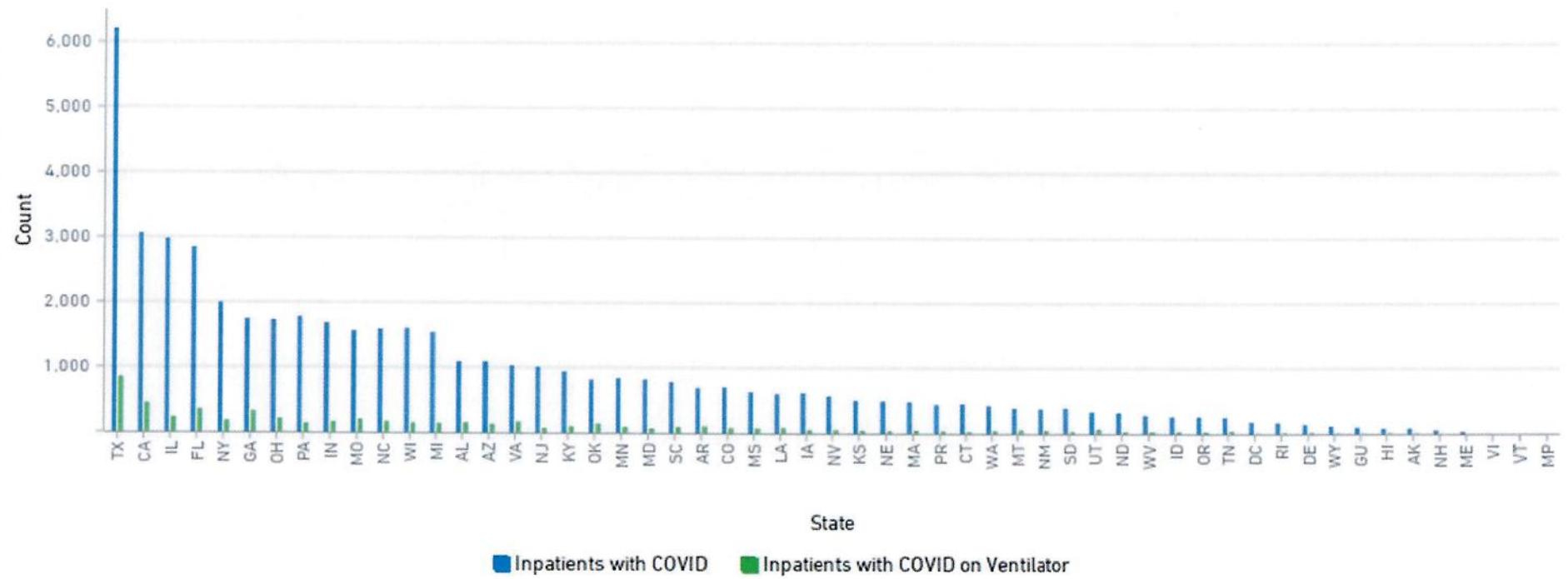
Note: "Kinsa predicts COVID-19 case growth based on several indicators, including data from Kinsa's network of more than 1.5 million [smart thermometers](#) and accompanying mobile applications, as well as publicly available COVID-19 case data from the [COVID-19 Data Repository](#) by the Center for Systems Science and Engineering (CSSE) at Johns Hopkins University."

Hospitalizations by Day (Priority Facilities Only)

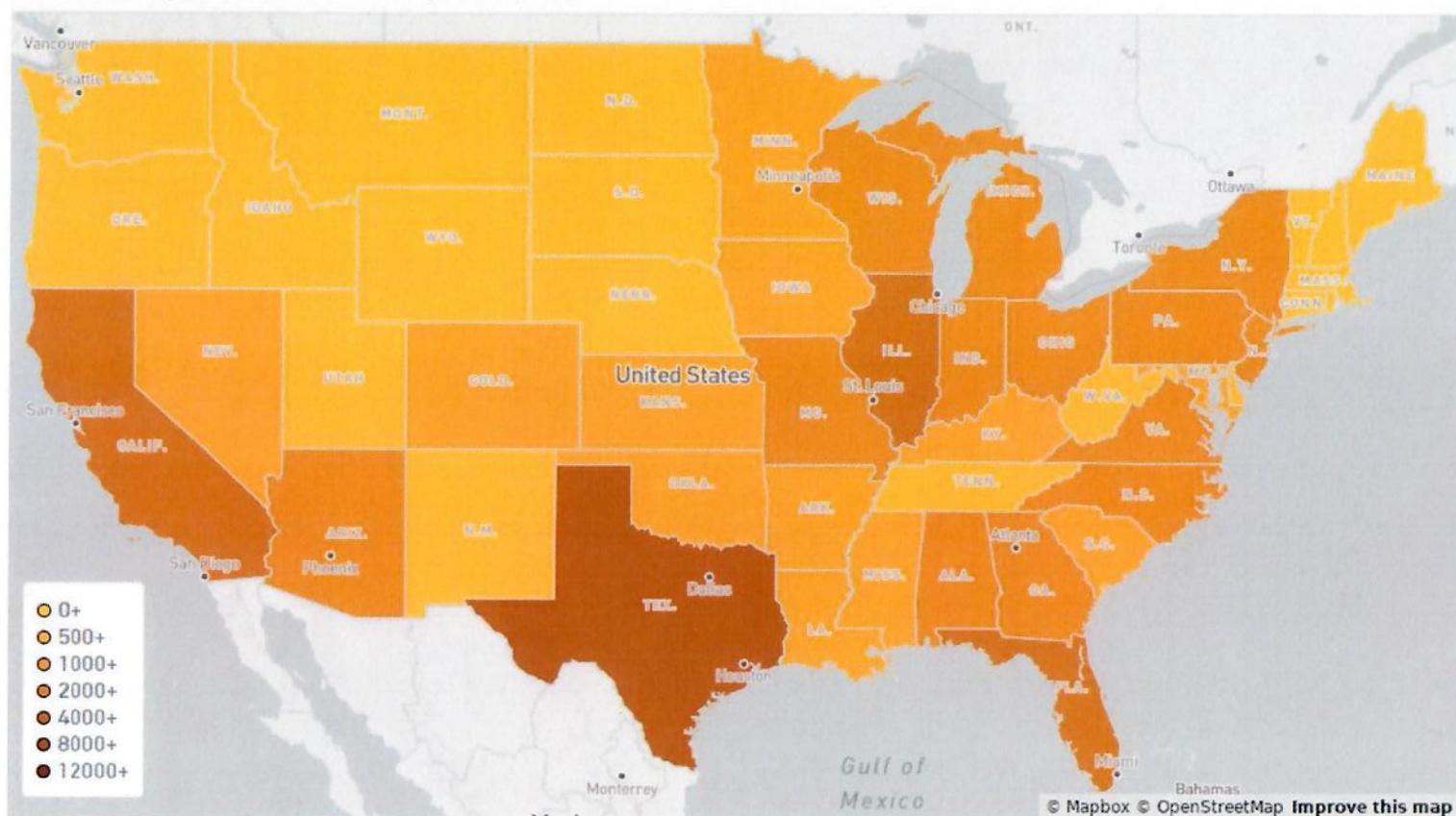
Min Date: 7/1/20 1:00 AM, Max Date: Oct 27, 2020



Hospitalization Numbers by State (Priority Facilities Only)

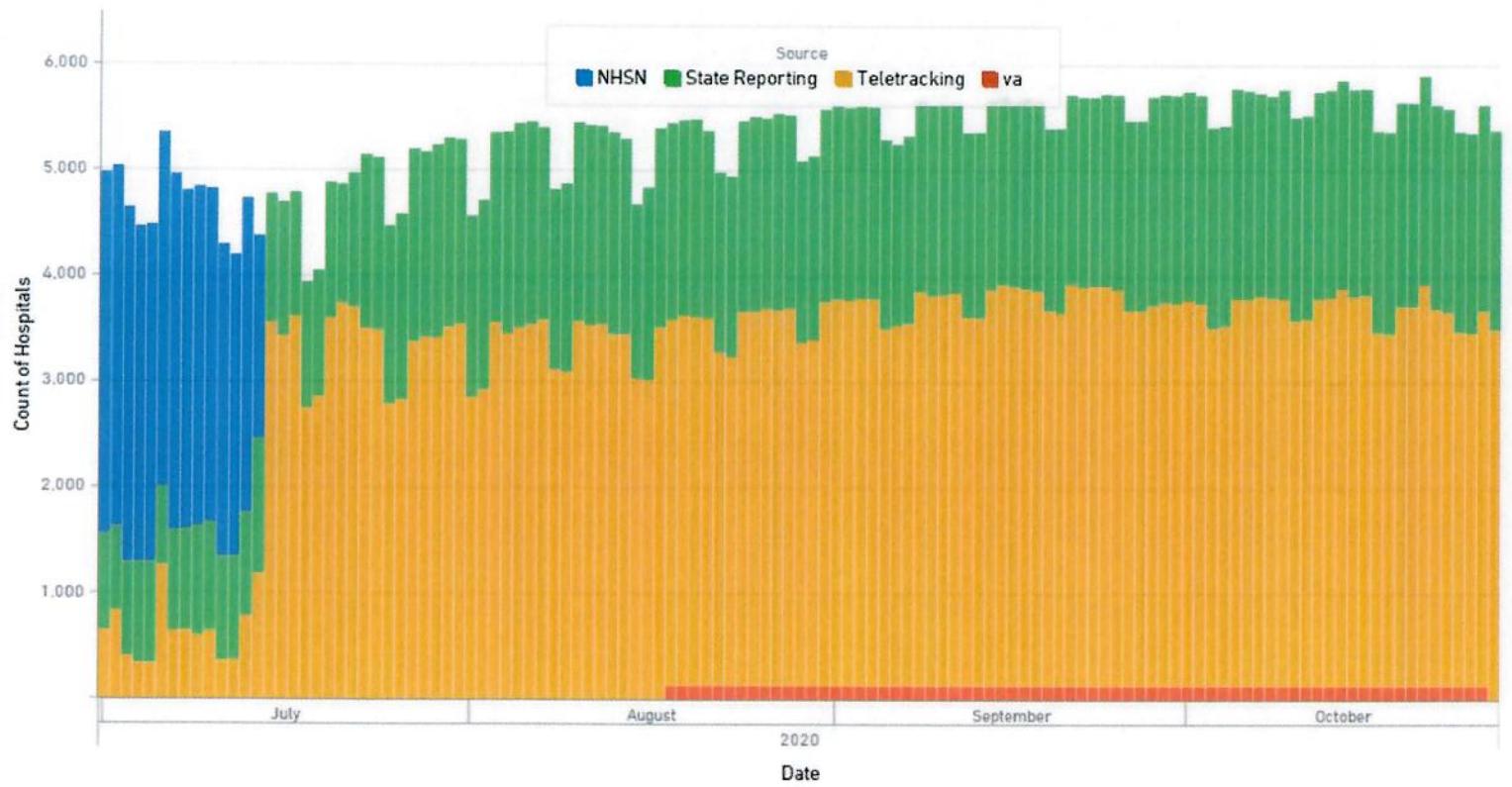


Latest COVID Inpatients Nationwide (Priority Facilities Only)



Composition of Unified Hospital Dataset (Deduplicated Across Sources, All Facilities)

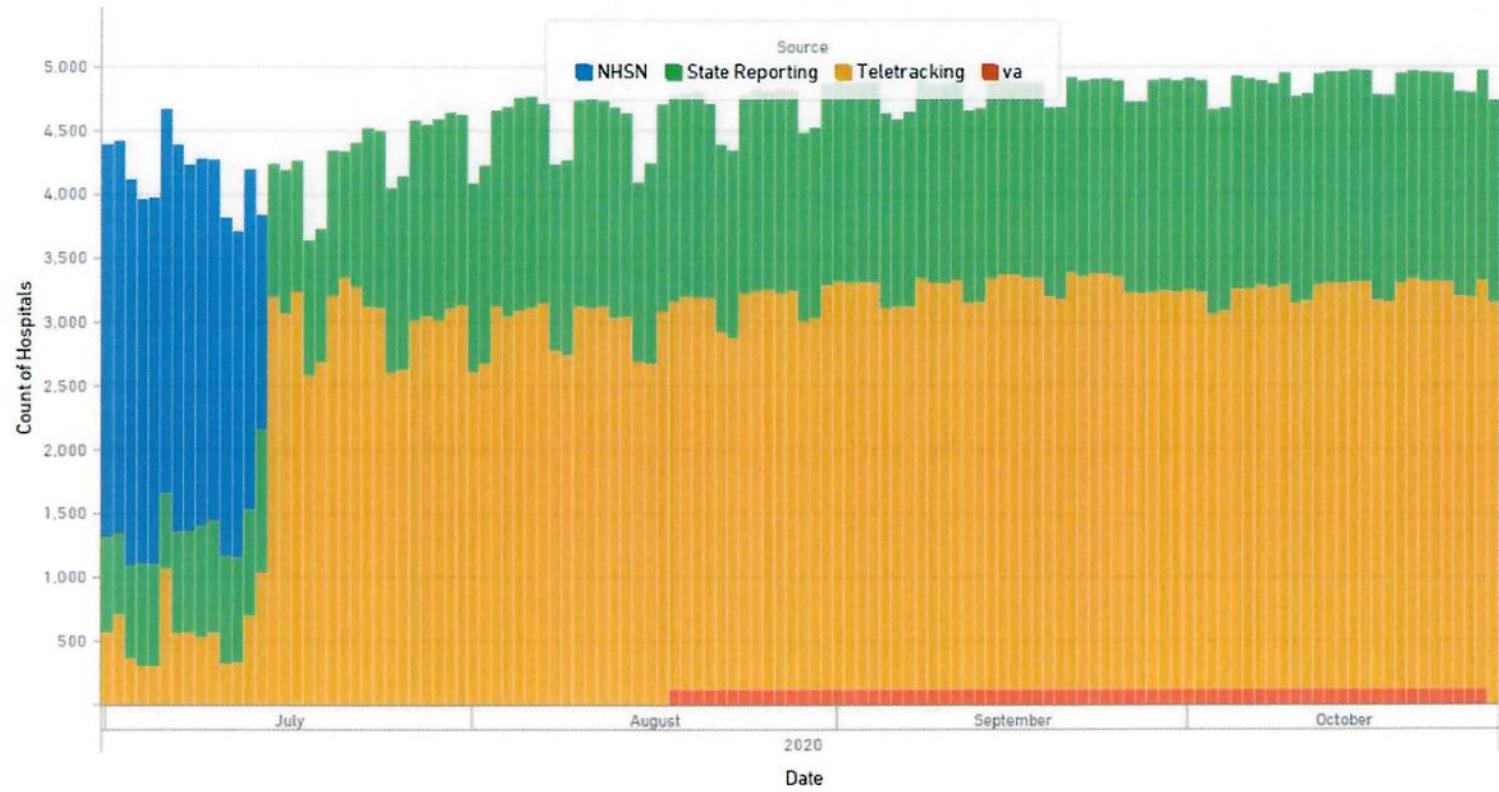
Min Date: 7/1/20 1:00 AM, Max Date: Oct 27, 2020



Composition of Unified Hospital Dataset (Deduplicated Across Sources) - All Facilities: The unified hospital dataset is composed of reports from across all hospital sources. Deduplication is applied to prioritized specific sources at a state-by-state basis. Numbers in the above graph do not reflect number of reports per source, but instead reflect the number of reports in the unified hospital dataset.

Composition of Unified Hospital Dataset (Deduplicated Across Sources, Priority Facilities Only)

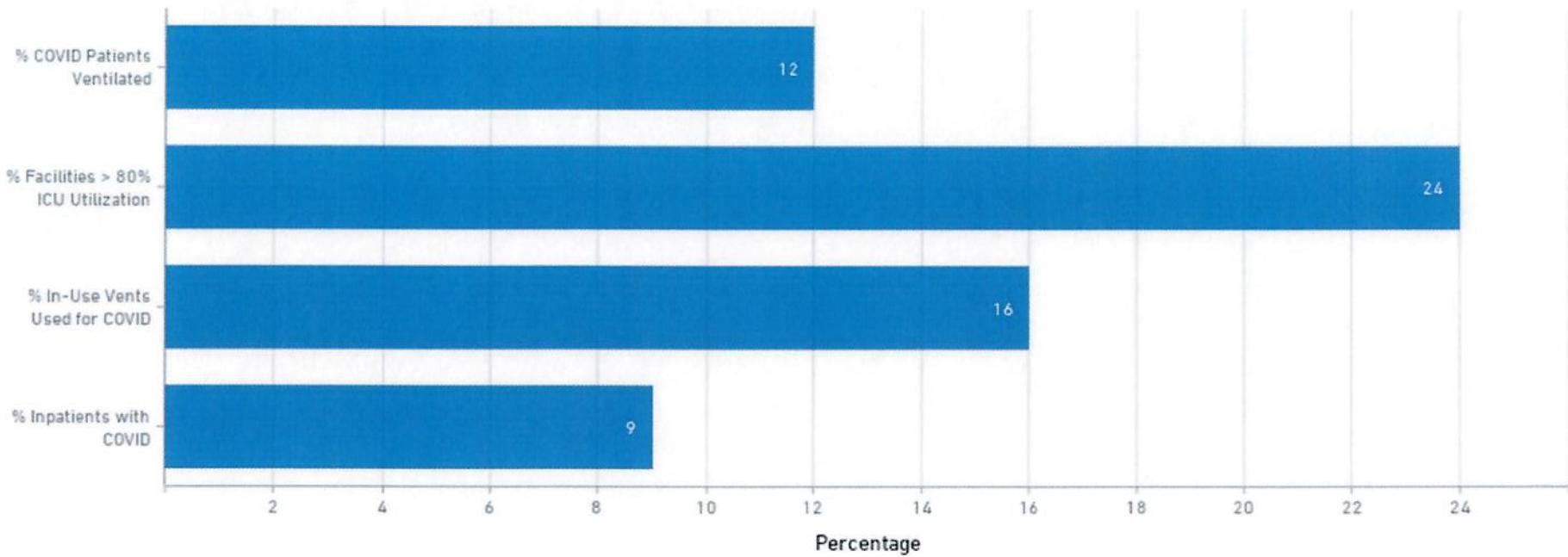
Min Date: 7/1/20 1:00 AM, Max Date: Oct 27, 2020



Composition of Unified Hospital Dataset (Deduplicated Across Sources) - Priority Facilities: The unified hospital dataset is composed of reports from across all hospital sources. Deduplication is applied to prioritized specific sources at a state-by-state basis. Numbers in the above graph do not reflect number of reports per source, but instead reflect the number of reports from priority facilities in the unified hospital dataset.

Key Patient Impact and Hospital Capacity Percentages (Priority Facilities Only)

Selected Date: Oct 27, 2020, Min Date: 7/1/20 1:00 AM



% COVID Patients Ventilated = Percentage of COVID patients on a ventilator

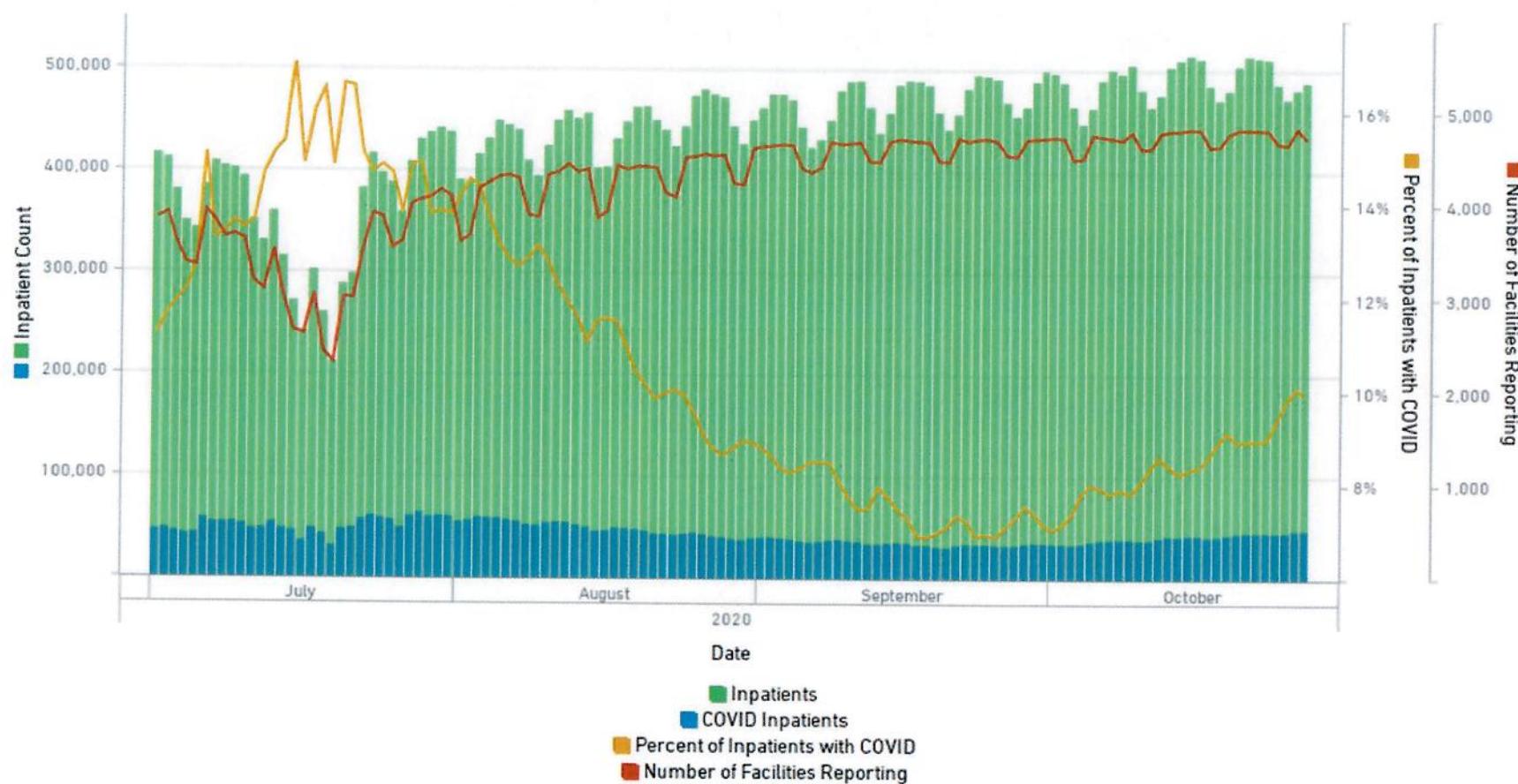
% Facilities > 80% ICU Utilization = Percentage of facilities utilizing over 80% of ICU capacity

% In-Use Vents Used for COVID = Percentage of in-use ventilators used by COVID patients

% Inpatients with COVID = Percentage of inpatients with COVID

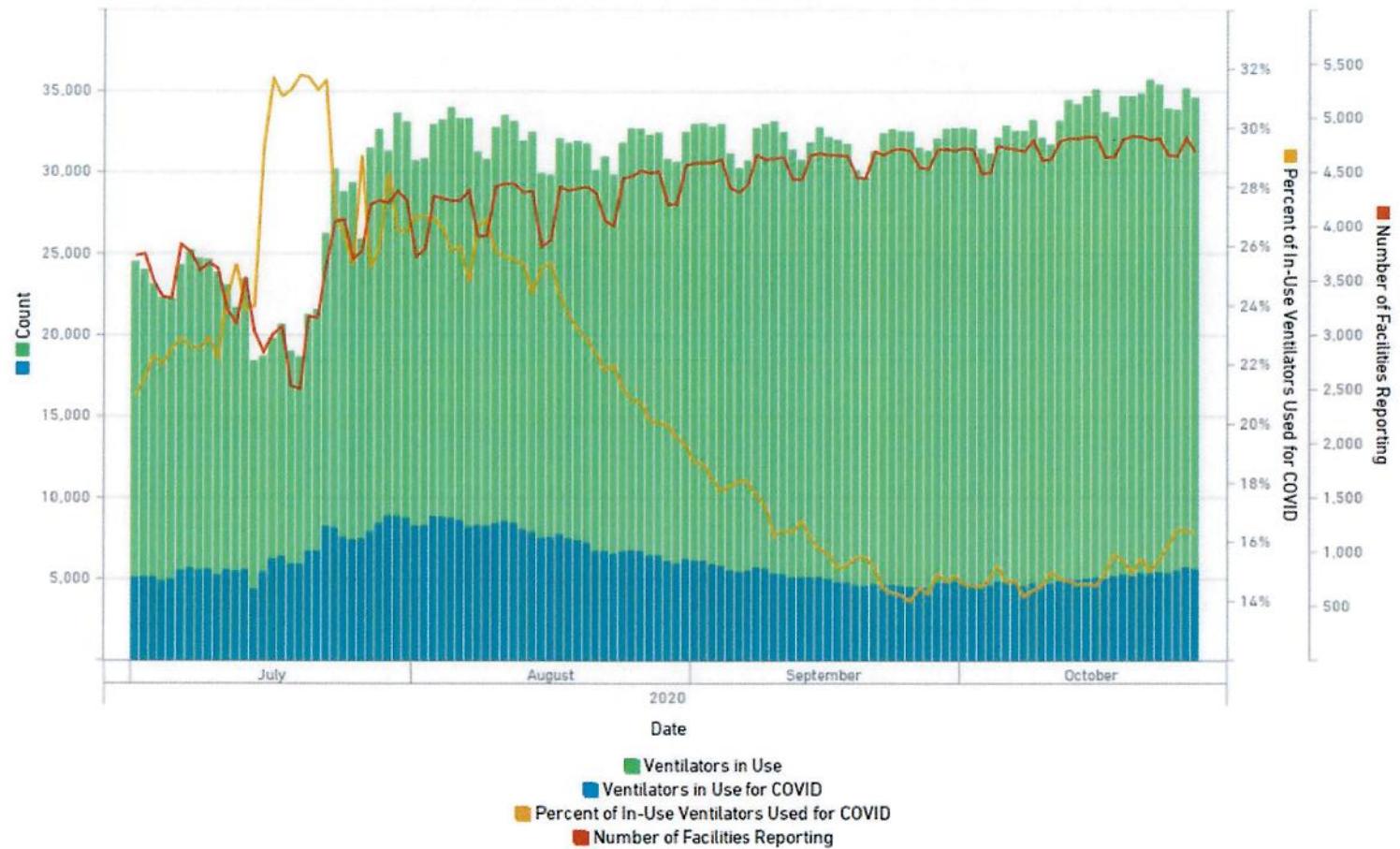
Percent of Inpatients with COVID (Priority Facilities Only)

Min Date: 7/1/20 1:00 AM, Max Date: Oct 27, 2020



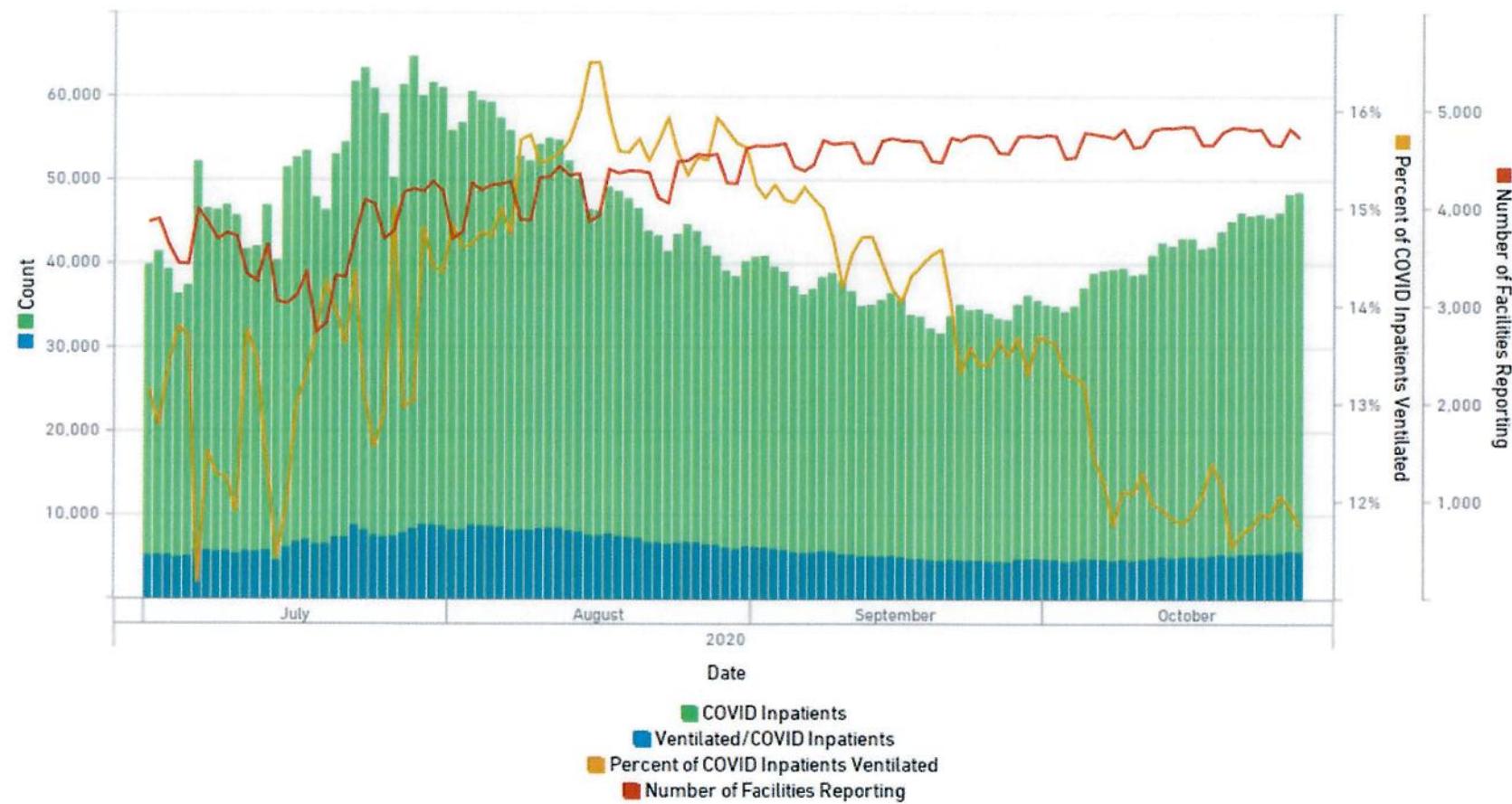
Percent of In-Use Ventilators Used for COVID (Priority Facilities Only)

Min Date: 7/1/20 1:00 AM, Max Date: Oct 27, 2020



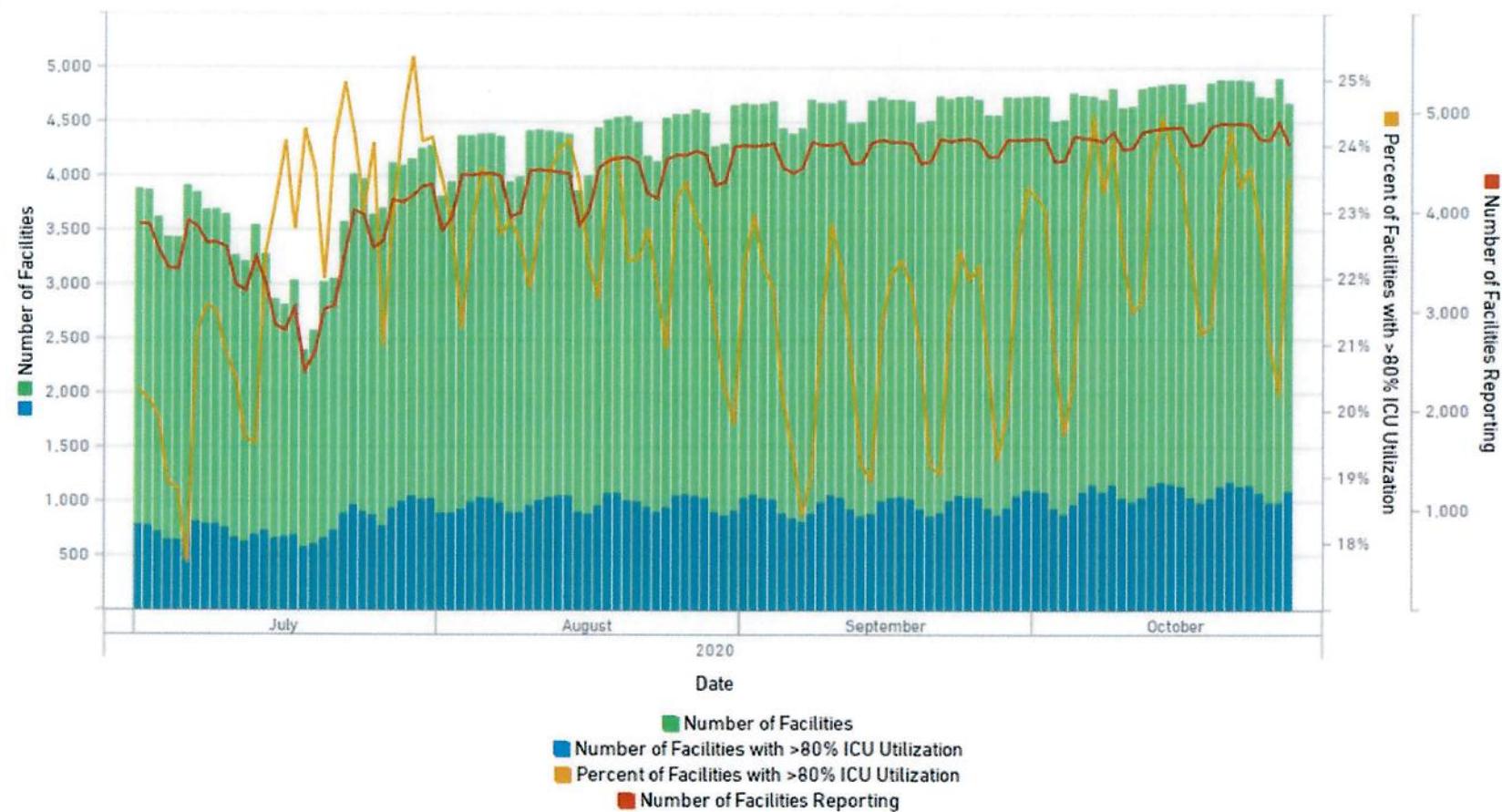
Percent of COVID Inpatients Ventilated (Priority Facilities Only)

Min Date: 7/1/20 1:00 AM, Max Date: Oct 27, 2020



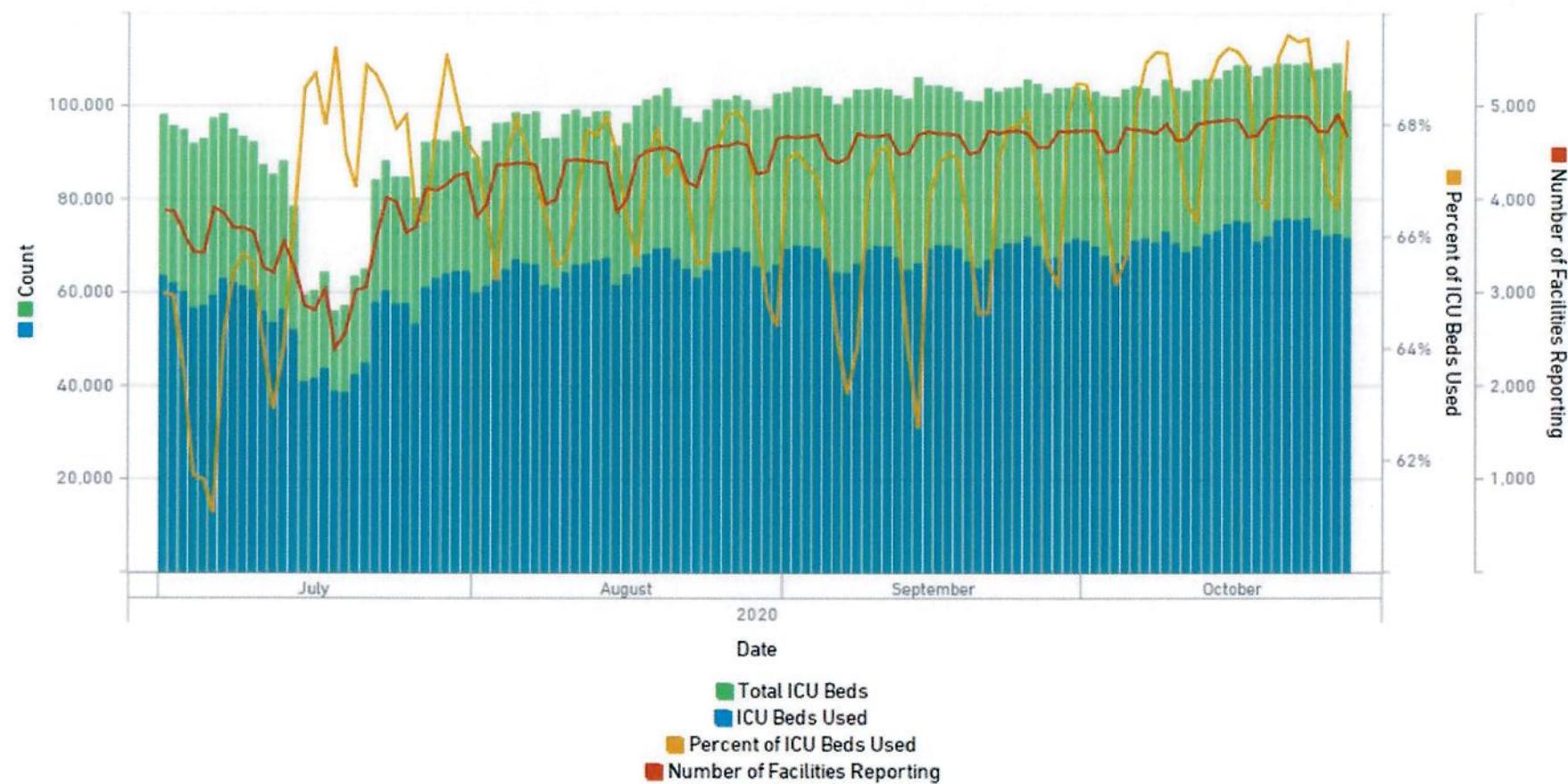
Percent of Facilities with >80% ICU Utilization (Priority Facilities Only)

Min Date: 7/1/20 1:00 AM, Max Date: Oct 27, 2020



Percent of ICU Beds Used (Priority Facilities Only)

Min Date: 7/1/20 1:00 AM, Max Date: Oct 27, 2020



Estimates – Executive Summary

Understanding Hospital Utilization Relies on Hospital Reported Data

HOSPITALS ARE REQUIRED TO SUBMIT DATA ON A DAILY BASIS. DATA QUALITY VARIES BOTH ACROSS FACILITIES AND OVER TIME

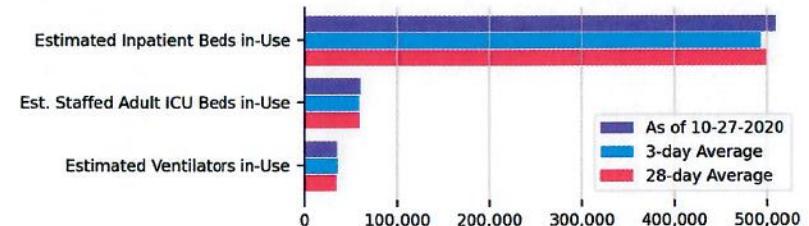
- Understanding how the nation's hospitals are being utilized is critical to being able to provide support at a national, state, and local level.
- This understanding depends on daily reporting for more than 5,000 hospitals across the nation.
- As with any manually reported data, the quality varies, and provides many challenges to understanding the status of the nation's hospital system.
- This analysis depends on the data reported by hospitals. To the extent that the data is missing or inaccurate, this analysis will also reflect those issues.

Executive Summary

U.S. HOSPITALIZATIONS

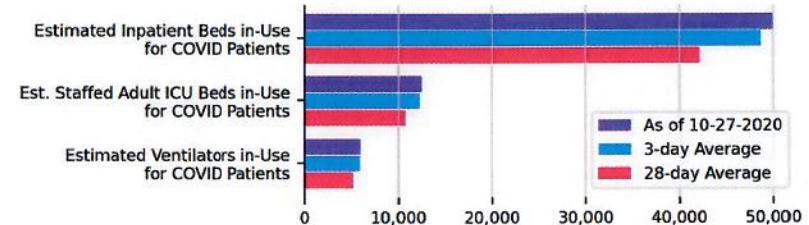
What is US current hospital capacity?

- The current nationwide Estimated Inpatient Bed Occupancy is 67.2%, which is a 0.9% decrease from the 28-day average.
- The current nationwide Est. Staffed Adult ICU Bed Occupancy is 70.3%, which is a 0.1% decrease from the 28-day average.
- The current nationwide Estimated Ventilator Usage is 24.4%, which is a 1.1% increase from the 28-day average.



How is the disease progressing over time, as viewed through the hospitalizations lens?

- The current nationwide Estimated Inpatient Beds COVID Occupancy is 6.6%, which is a 15.9% increase from the 28-day average.
- The current nationwide Est. Staffed Adult ICU Beds COVID Occupancy is 14.6%, which is a 14.1% increase from the 28-day average.
- The current nationwide Estimated Ventilator COVID Usage is 4.1%, which is a 15.2% increase from the 28-day average.



Which States have the highest hospital utilization?

- Rhode Island has the highest Estimated 3-day average Estimated Inpatient Bed Utilization at 85.6%
- Mississippi has the highest Estimated 3-day average Est. Staffed Adult ICU Bed Utilization at 86.3%
- Alabama has the highest Estimated 3-day average Estimated Ventilator Utilization at 45.2%

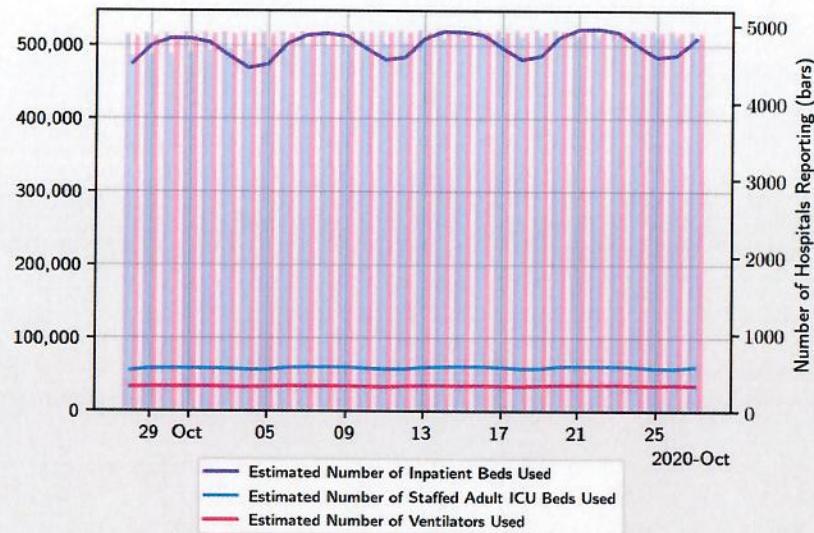
Which Facilities have the highest utilization?

- SPECTRUM HEALTH - BUTTERWORTH CAMPUS, MI has the highest Estimated 3-day average Estimated Inpatient Bed Utilization at 93.7%
- TAMPA GENERAL HOSPITAL, FL has the highest Estimated 3-day average Est. Staffed Adult ICU Bed Utilization at 99.0%
- BARNES JEWISH HOSPITAL, MO has the highest Estimated 3-day average Estimated Ventilator Utilization at 65.6%

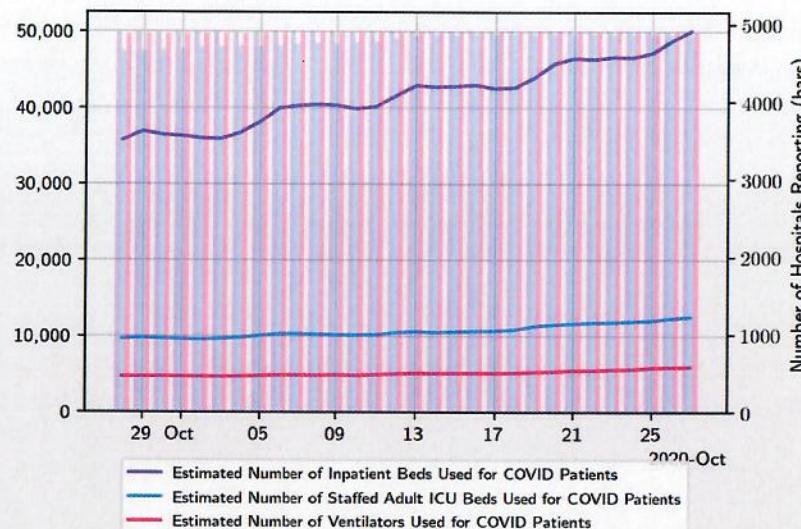
Estimated National Hospital Capacity (Absolute Numbers)

WHAT IS THE CURRENT ESTIMATED U.S. HOSPITAL CAPACITY?

Estimated Hospital Utilization (All Patients)



Estimated Hospital Utilization (COVID Patients)

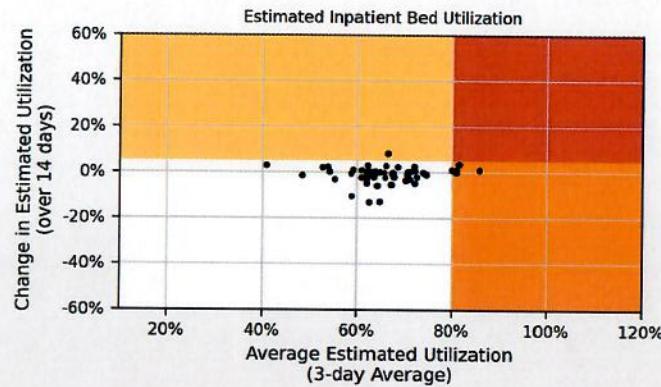


	Estimated Number of Inpatient Beds Used	Estimated Number of Staffed Adult ICU Beds Used	Estimated Number of Ventilators Used
3-day average	493,379	59,038	35,068
28-day average	501,104	59,179	34,266

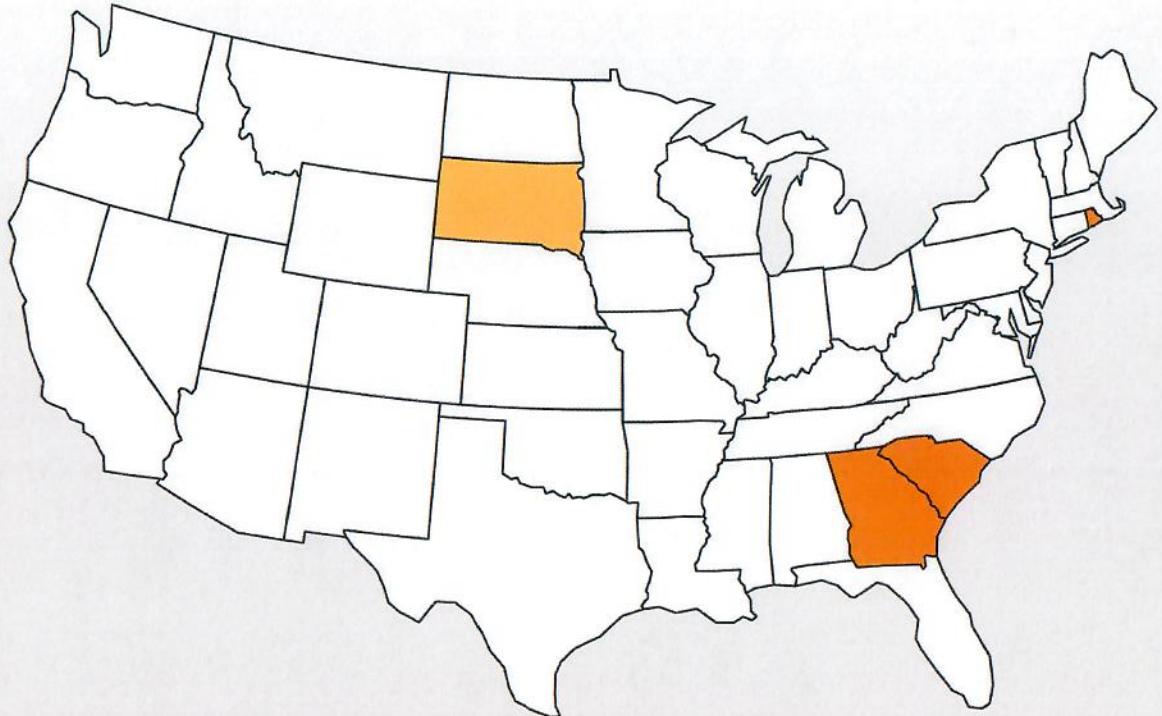
	Estimated Number of Inpatient Beds Used for COVID Patients	Estimated Number of Staffed Adult ICU Beds Used for COVID Patients	Estimated Number of Ventilators Used for COVID Patients
3-day average	48,678	12,244	5,860
28-day average	42,160	10,709	5,103

Estimated Inpatient Bed Capacity

WHAT IS THE CURRENT ESTIMATED STATE-LEVEL INPATIENT BED CAPACITY?

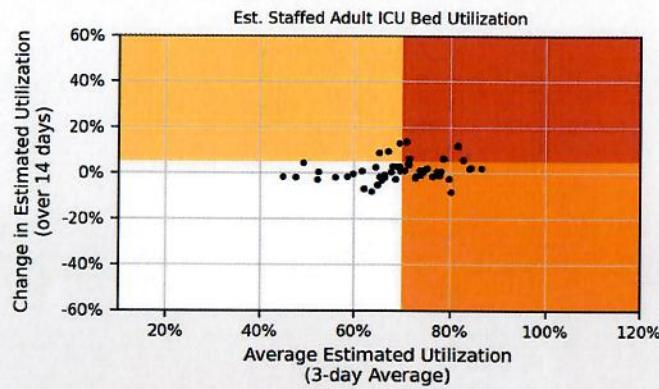


	3-Day Average	14-Day Change
RI	85.6%	1.0%
DC	81.3%	3.6%
GA	80.8%	1.0%
SC	80.8%	0.0%
SD	66.3%	8.2%
MD	79.8%	1.2%
NC	74.3%	-1.0%
MI	73.7%	-0.2%
ND	72.3%	-2.0%
PA	72.0%	0.7%

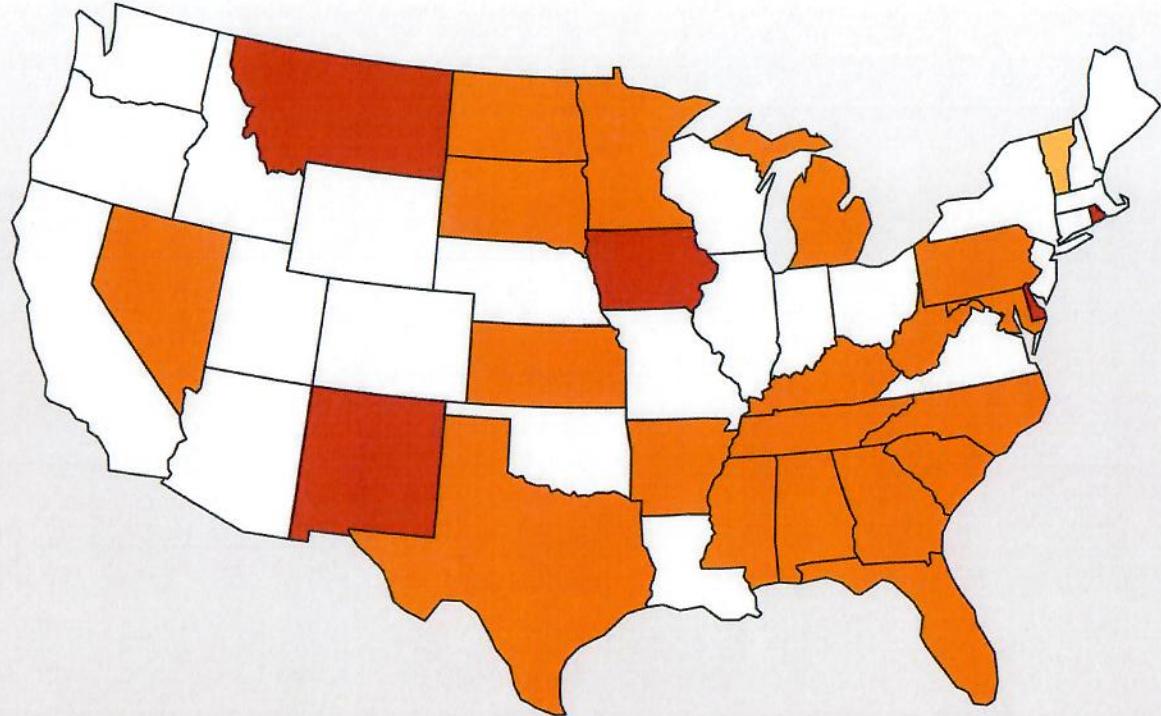


Est. Staffed Adult ICU Bed Capacity

WHAT IS THE CURRENT ESTIMATED STATE-LEVEL STAFFED ADULT ICU BED CAPACITY?



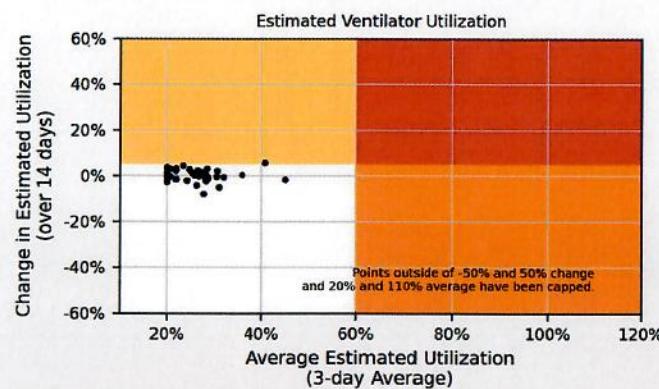
	3-Day Average	14-Day Change
MS	86.3%	2.1%
GA	84.1%	2.3%
AL	83.9%	1.9%
RI	82.5%	5.6%
NM	81.4%	12.0%
TX	80.1%	-8.3%
TN	79.6%	-2.4%
DE	78.6%	6.3%
SD	78.0%	0.6%
NC	77.8%	-1.1%



Mississippi has the highest Estimated 3-day average Est. Staffed Adult ICU Bed Utilization at 86.3%

Estimated Ventilator Capacity

WHAT IS THE CURRENT ESTIMATED STATE-LEVEL VENTILATOR CAPACITY



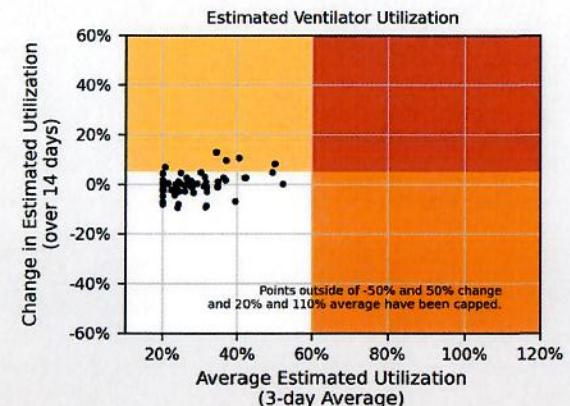
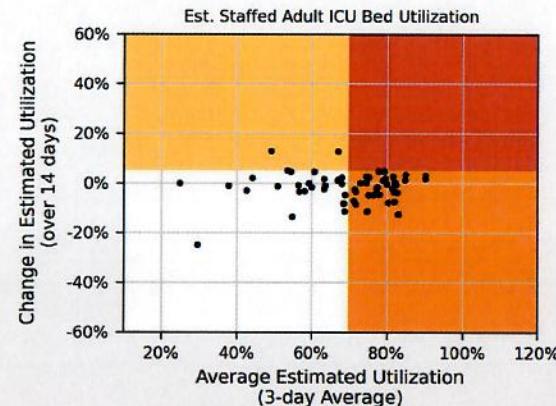
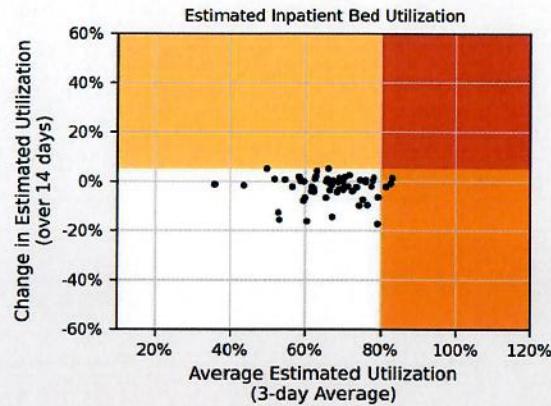
	3-Day Average	14-Day Change
OK	40.8%	5.8%
AL	45.2%	-1.5%
DC	35.7%	0.6%
MO	32.0%	-0.6%
AR	31.0%	-5.0%
MS	30.6%	2.2%
GA	30.5%	-0.5%
PR	28.7%	-0.9%
SD	28.5%	3.3%
TX	28.3%	-2.3%



Alabama has the highest Estimated 3-day average Estimated Ventilator Utilization at 45.2%

Estimated Resource Utilization by MSA

WHAT IS THE CURRENT ESTIMATED HOSPITAL CAPACITY BY METROPOLITAN STATISTICAL AREA



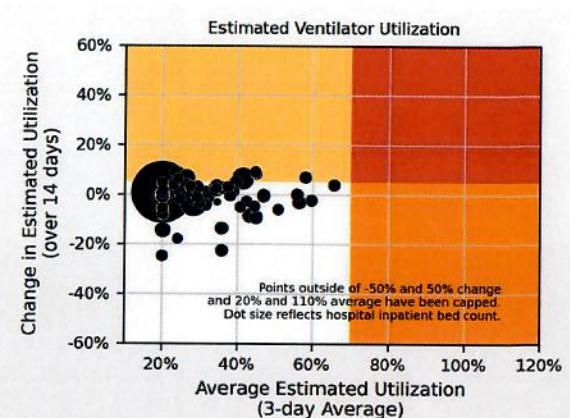
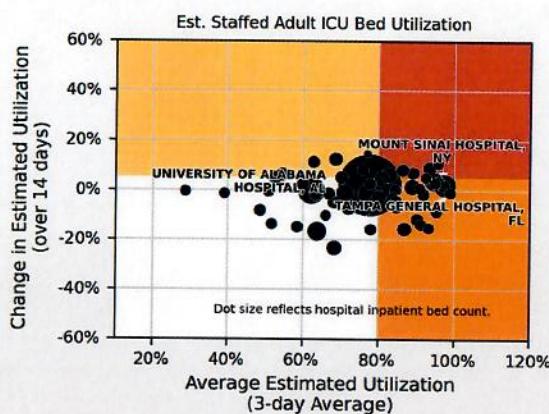
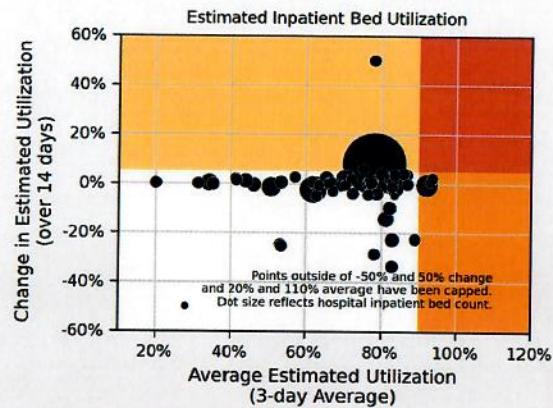
	3-Day Average	14-Day Change
Baltimore-Colum..., MD	82.9%	1.2%
Minneapolis-St....N-WI	82.6%	-0.9%
Atlanta-Sandy S..., GA	81.2%	-2.2%
North Port-Sara..., FL	66.2%	5.2%
Cape Coral-Fort..., FL	49.8%	5.1%
Dallas-Fort Wor..., TX	79.2%	-6.5%
Houston-The Woo..., TX	79.1%	-17.3%
Charlotte-Conco...C-SC	78.1%	1.5%
New Haven, CT	77.8%	0.3%
Columbus, OH	77.4%	-2.0%

	3-Day Average	14-Day Change
Birmingham-Hoov..., AL	90.2%	3.1%
Minneapolis-St....N-WI	90.2%	1.9%
Atlanta-Sandy S..., GA	84.8%	3.4%
Charlotte-Conco...C-SC	84.7%	1.2%
Houston-The Woo..., TX	82.9%	-12.6%
Richmond, VA	82.5%	-3.8%
Little Rock-Nor..., AR	82.2%	-0.6%
Columbus, OH	82.1%	0.4%
Tulsa, OK	81.9%	-3.6%
Dallas-Fort Wor..., TX	81.9%	-7.4%

	3-Day Average	14-Day Change
Tulsa, OK	49.9%	8.2%
Rochester, NY	40.5%	10.6%
Omaha-Council Bl...-E-IA	37.0%	9.6%
Virginia Beach-A-NC	34.4%	13.0%
New Orleans-Met..., LA	20.8%	7.0%
Birmingham-Hoov..., AL	52.0%	0.2%
Oklahoma City, OK	49.2%	4.9%
St. Louis, MO-IL	42.1%	2.6%
Little Rock-Nor..., AR	39.5%	-6.9%
Atlanta-Sandy S..., GA	36.9%	1.7%

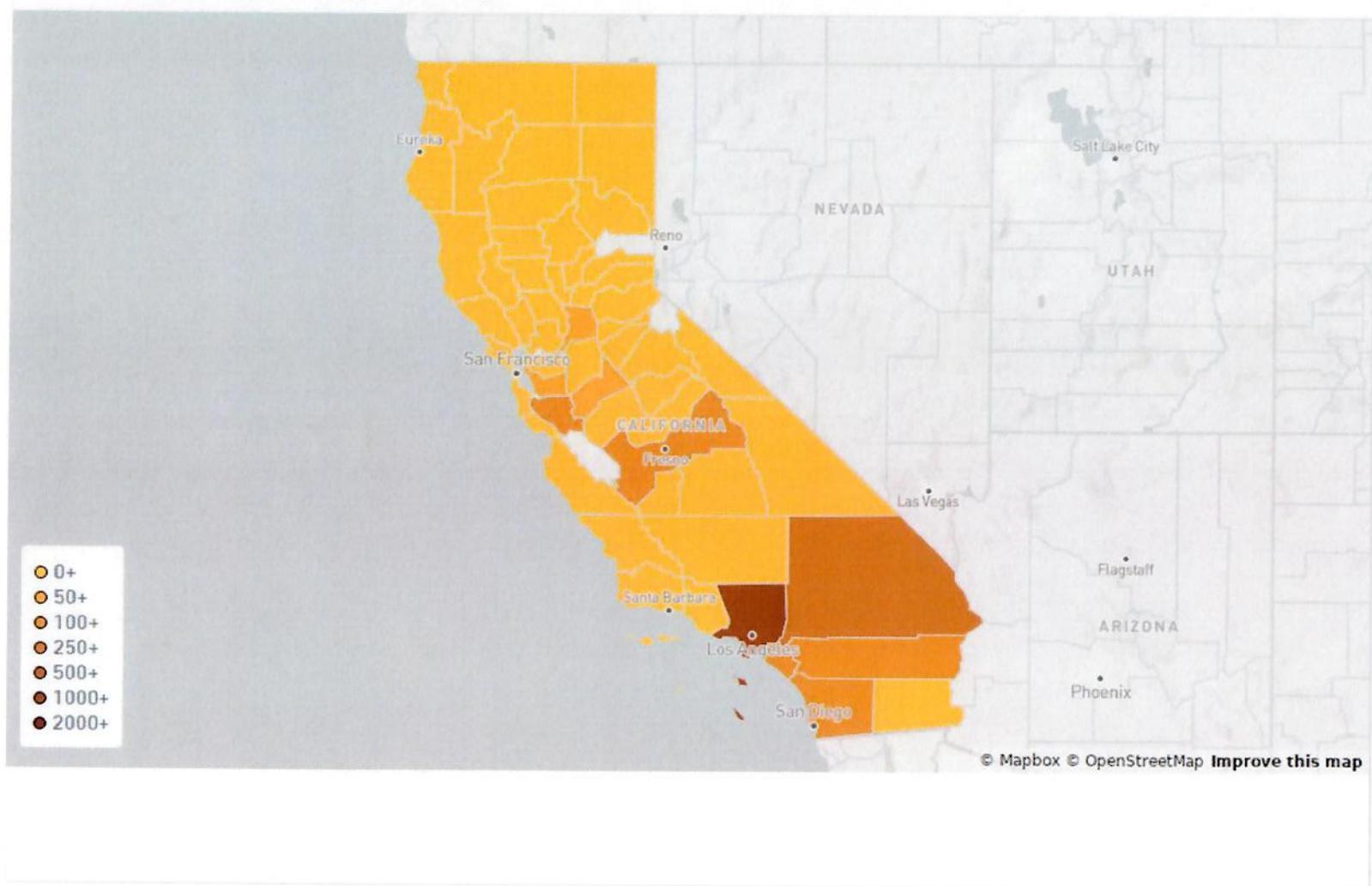
Estimated Resource Utilization by Facility

WHAT IS THE CURRENT ESTIMATED HOSPITAL UTILIZATION BY FACILITY

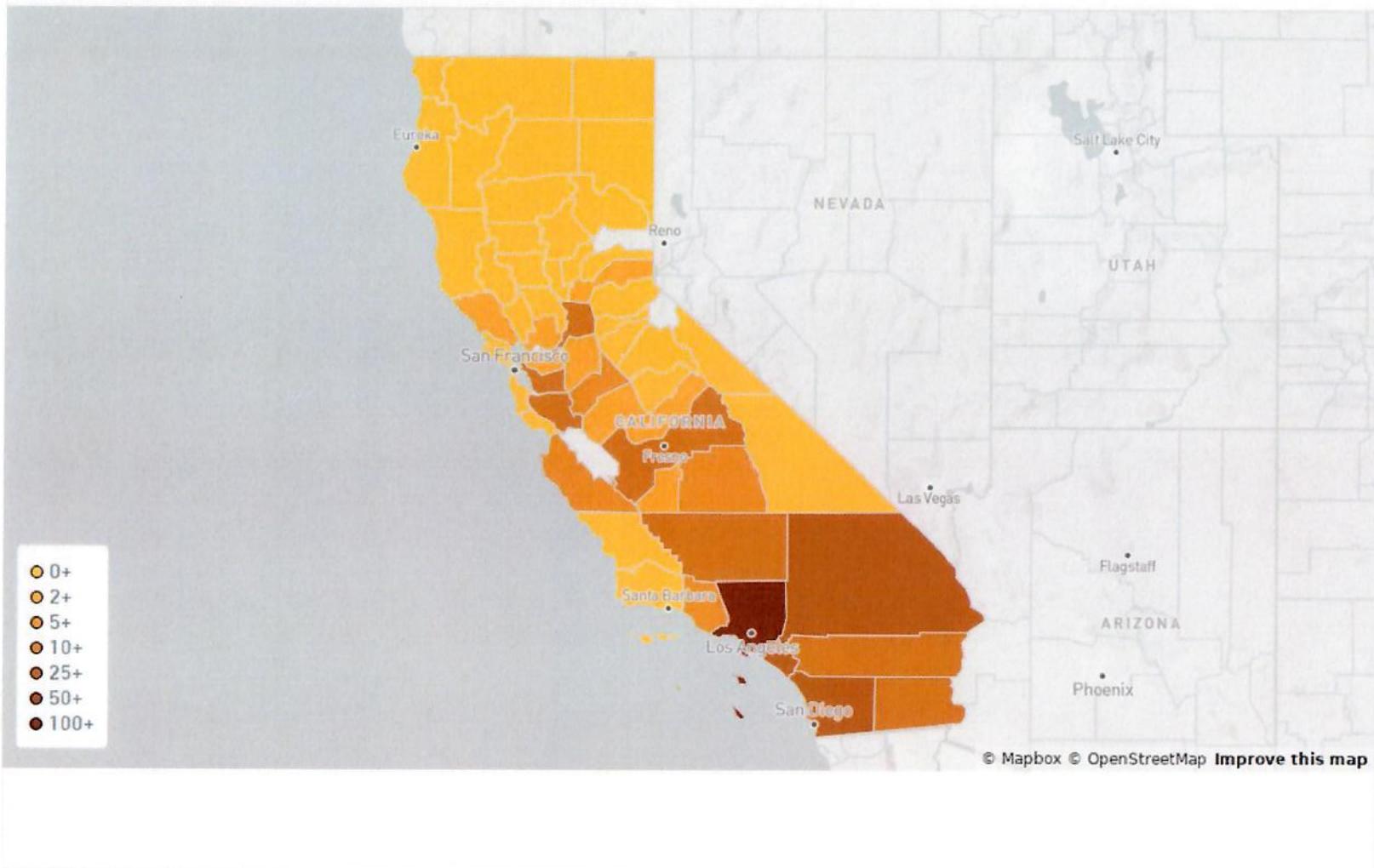


California Deep Dive

Latest COVID Hospitalizations (Priority Facilities Only)

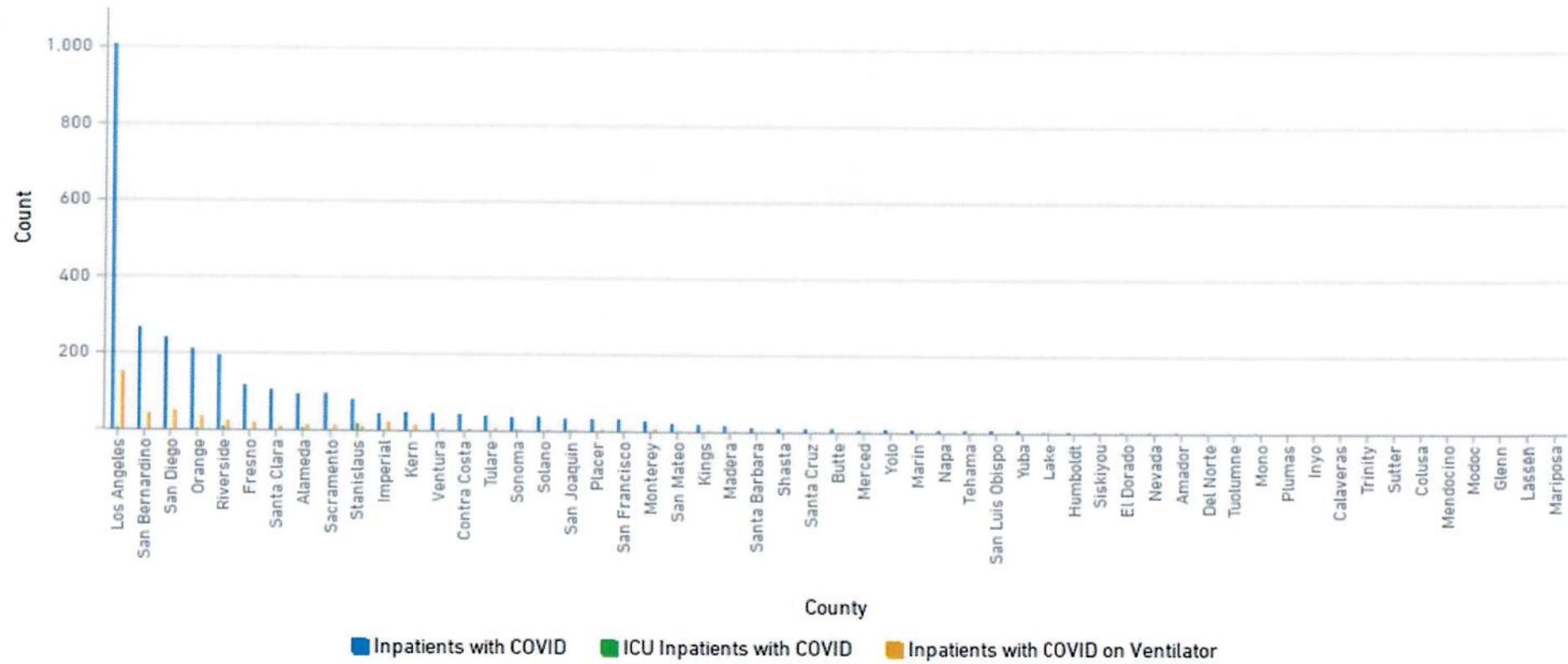


Latest COVID Ventilated Hospitalizations (Priority Facilities Only)



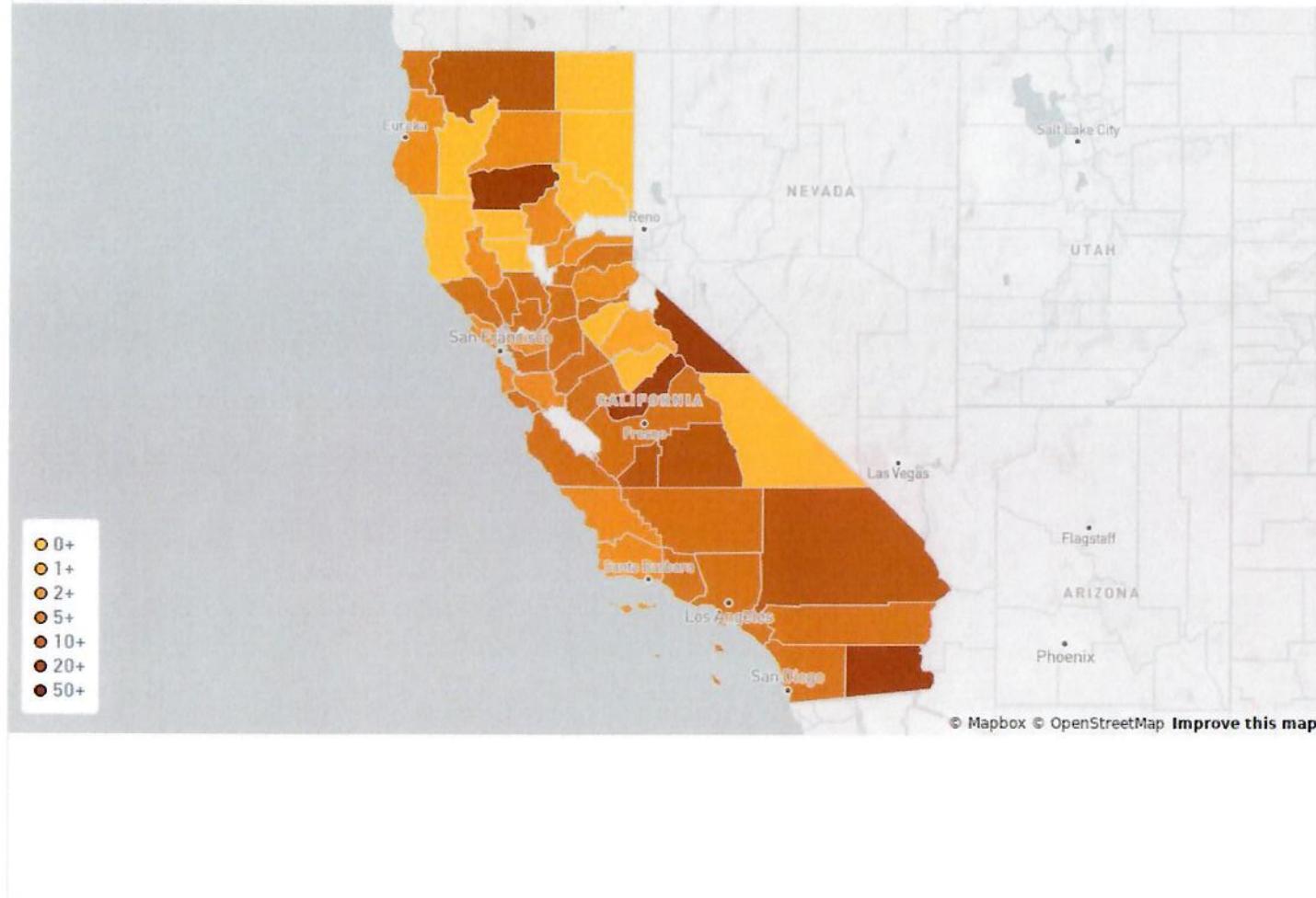
Latest Hospitalization Numbers by County (Priority Facilities Only)

Min Date: 7/1/20 1:00 AM



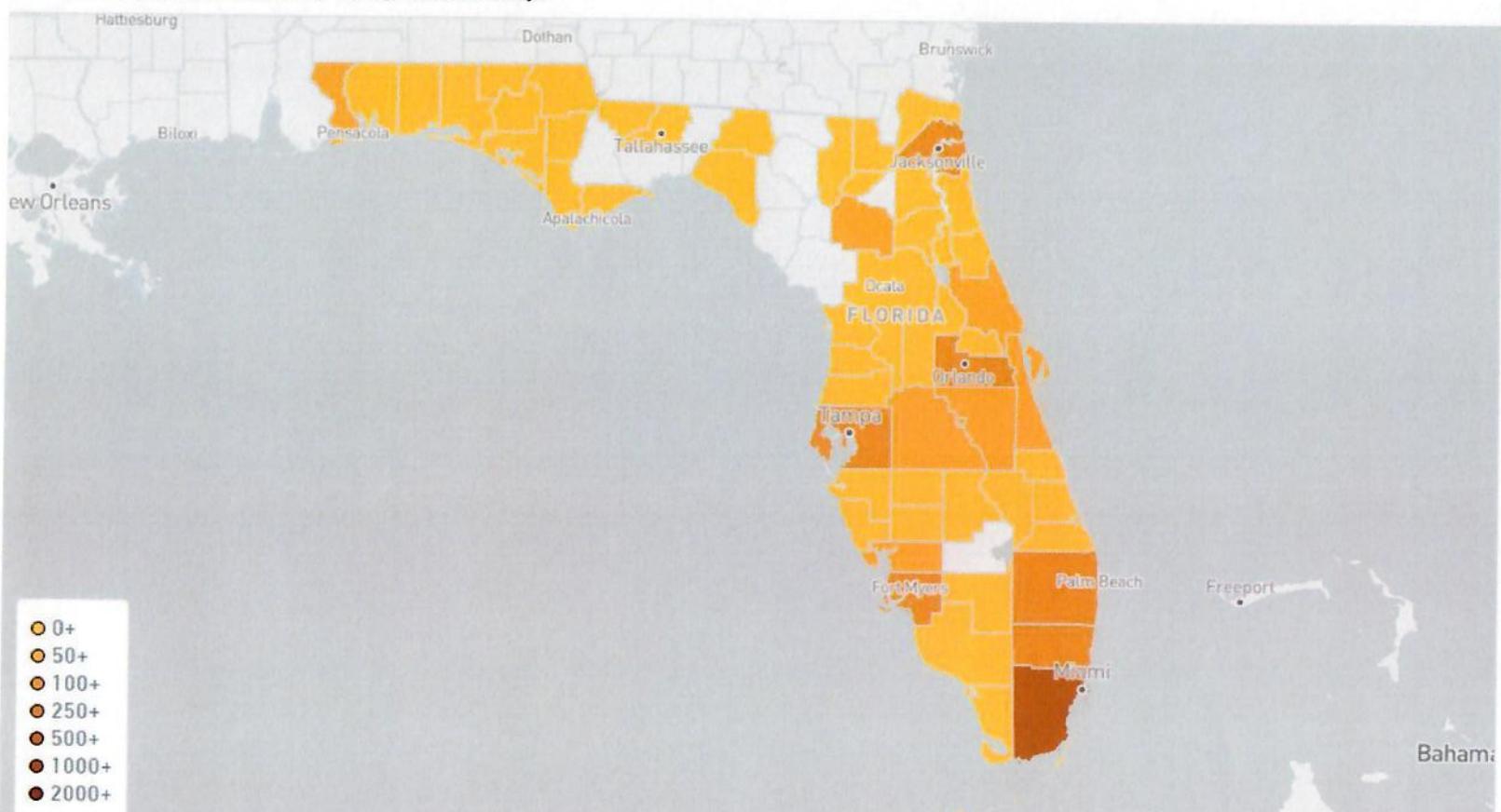
Latest Percentage of Inpatients with COVID (Priority Facilities Only)

Min Date: 7/1/20 1:00 AM

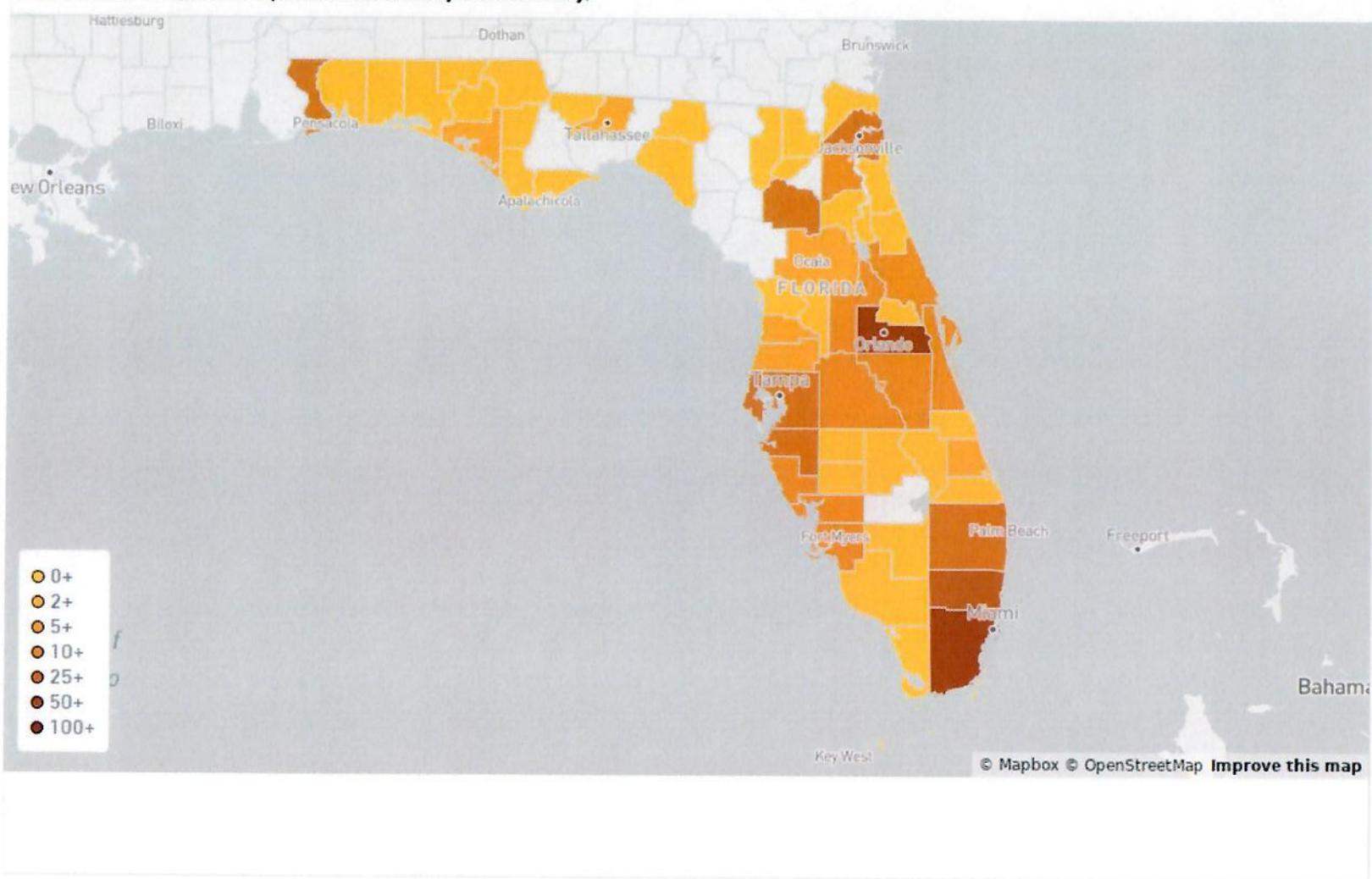


Florida Deep Dive

Latest COVID Hospitalizations (Priority Facilities Only)

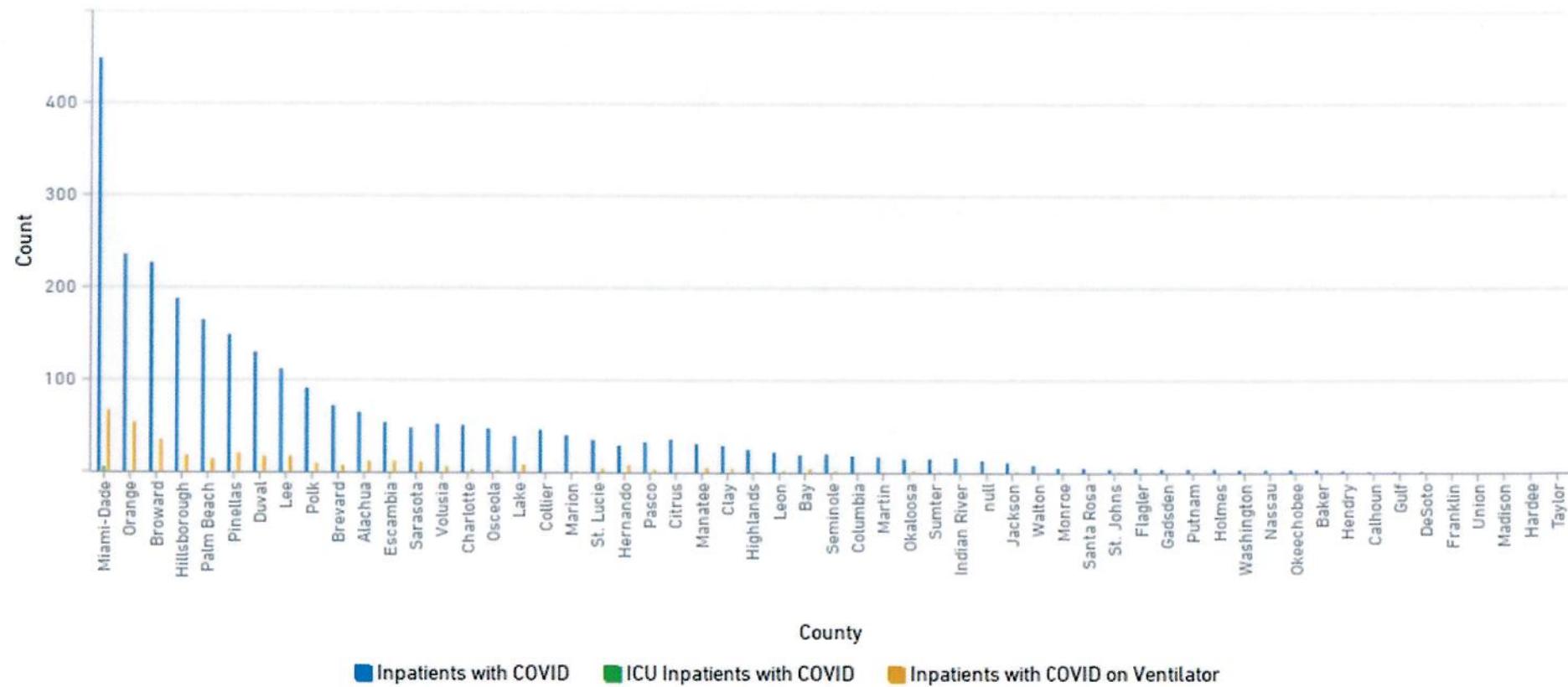


Latest COVID Ventilated Hospitalizations (Priority Facilities Only)



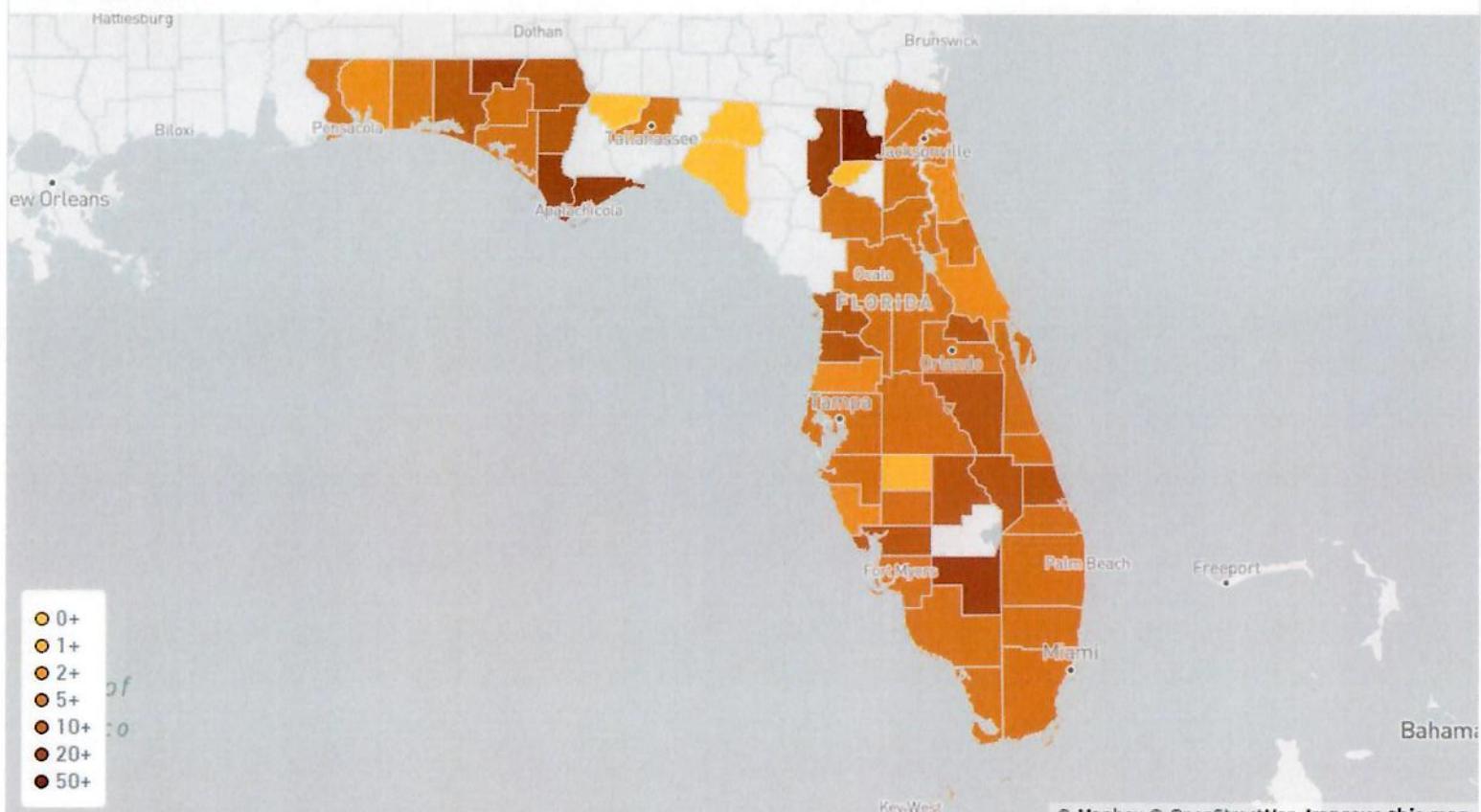
Latest Hospitalization Numbers by County (Priority Facilities Only)

Min Date: 7/1/20 1:00 AM



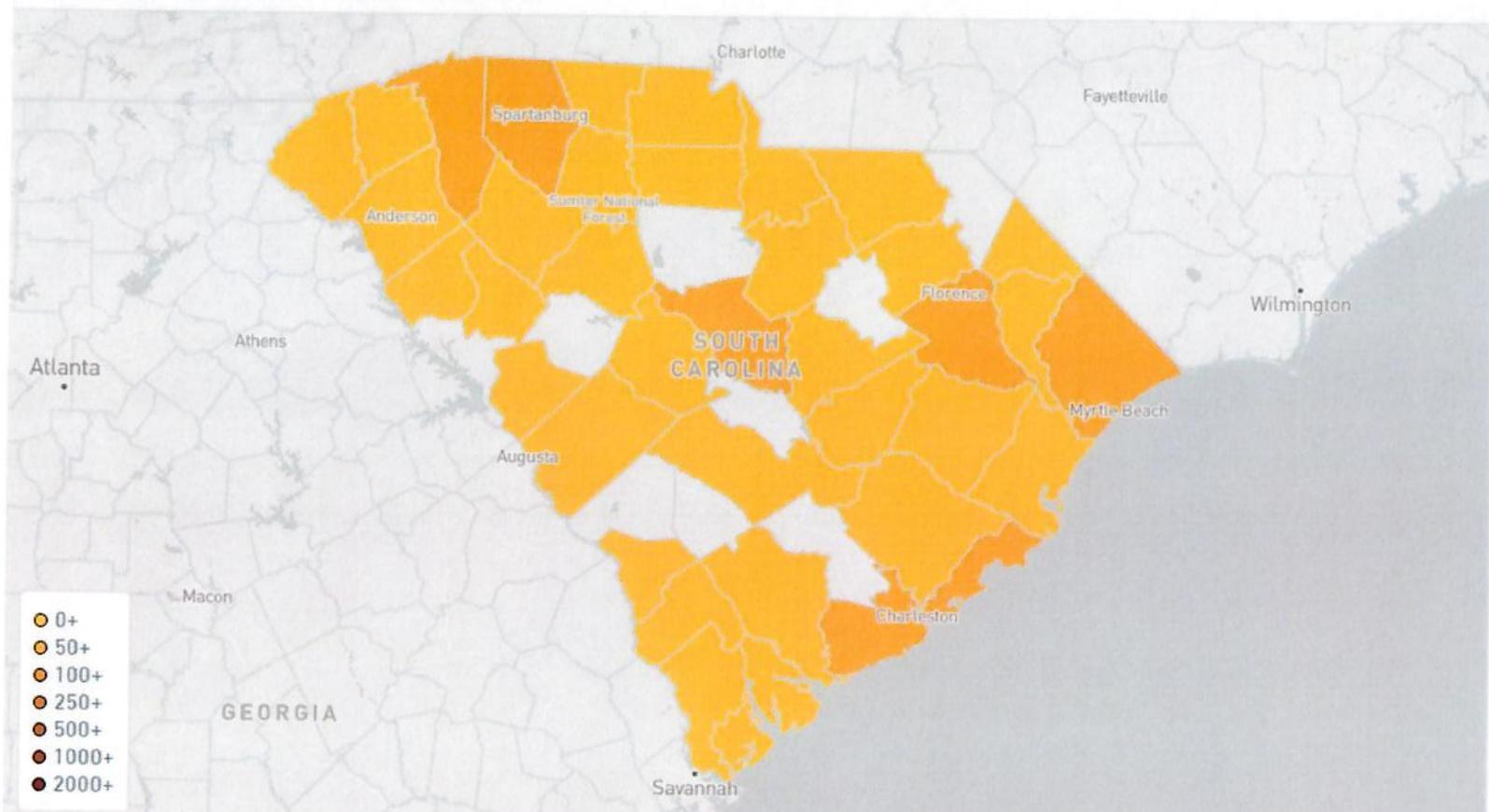
Latest Percentage of Inpatients with COVID (Priority Facilities Only)

Min Date: 7/1/20 1:00 AM

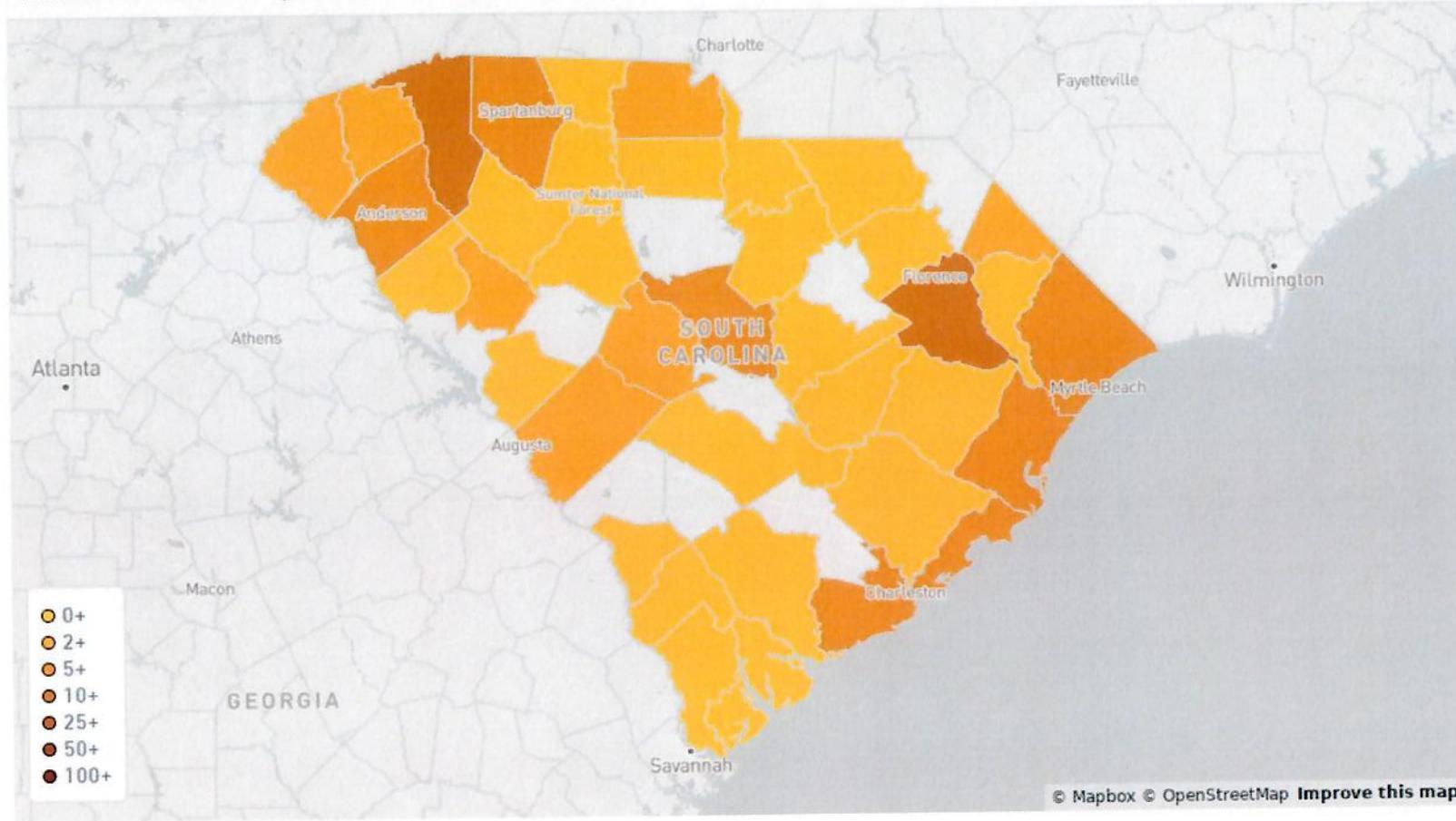


South Carolina Deep Dive

Latest COVID Hospitalizations (Priority Facilities Only)

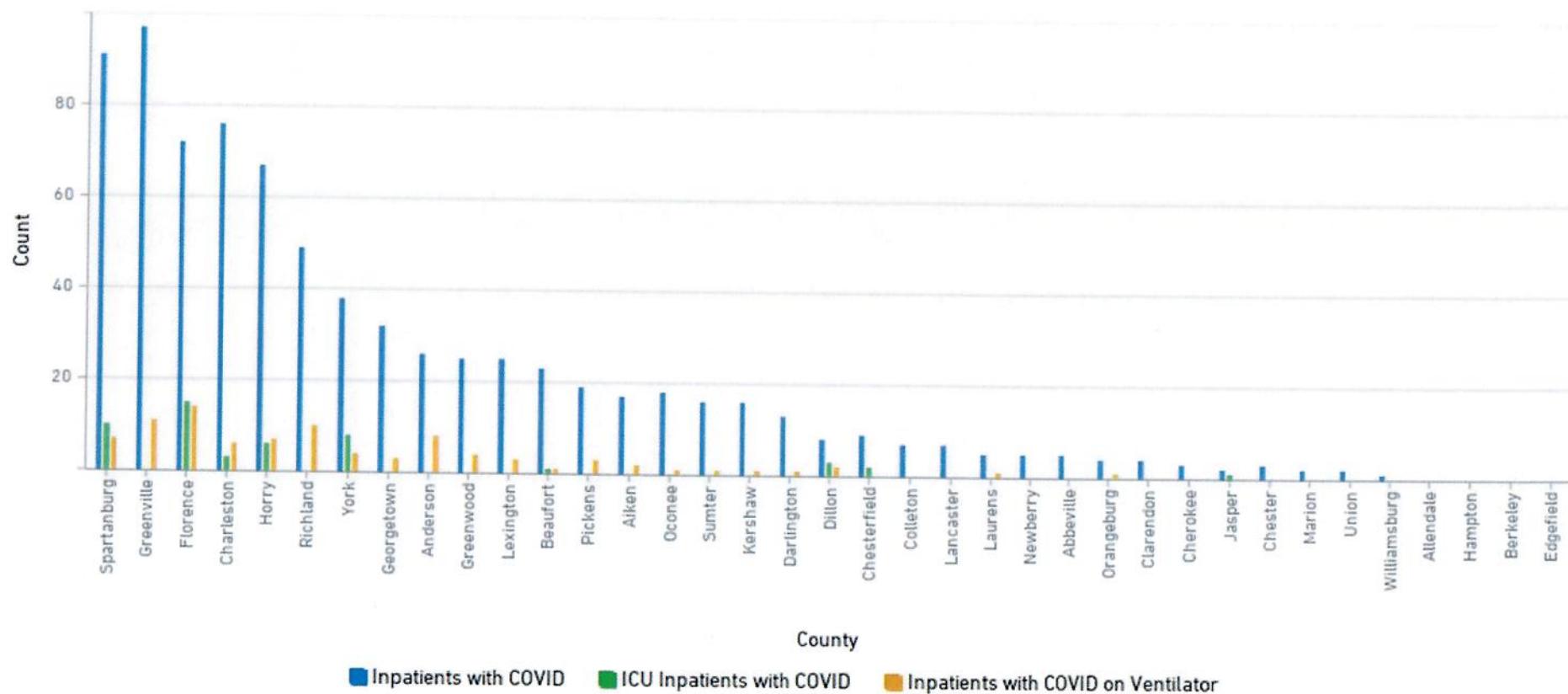


Latest COVID Ventilated Hospitalizations (Priority Facilities Only)



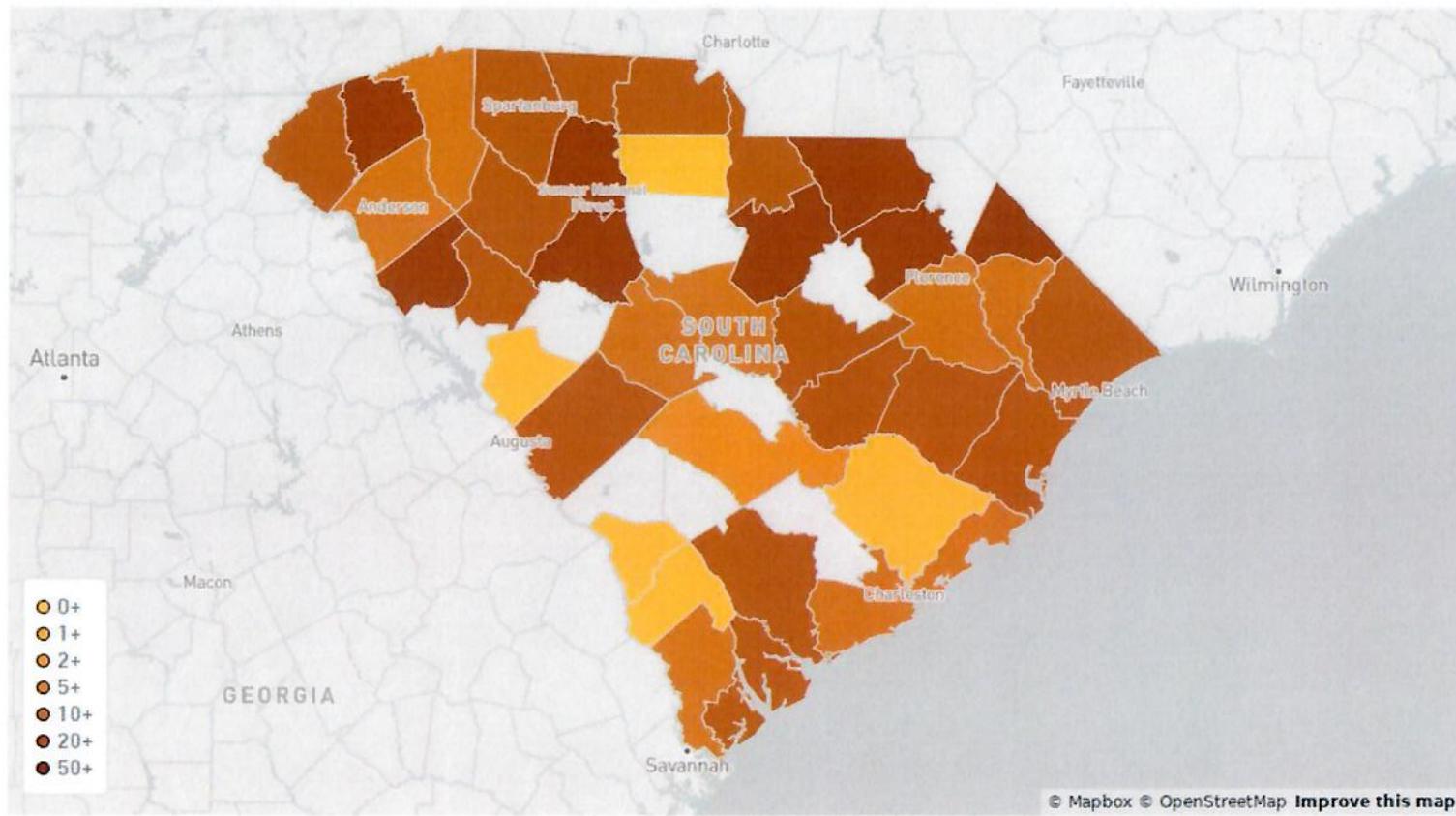
Latest Hospitalization Numbers by County (Priority Facilities Only)

Min Date: 7/1/20 1:00 AM



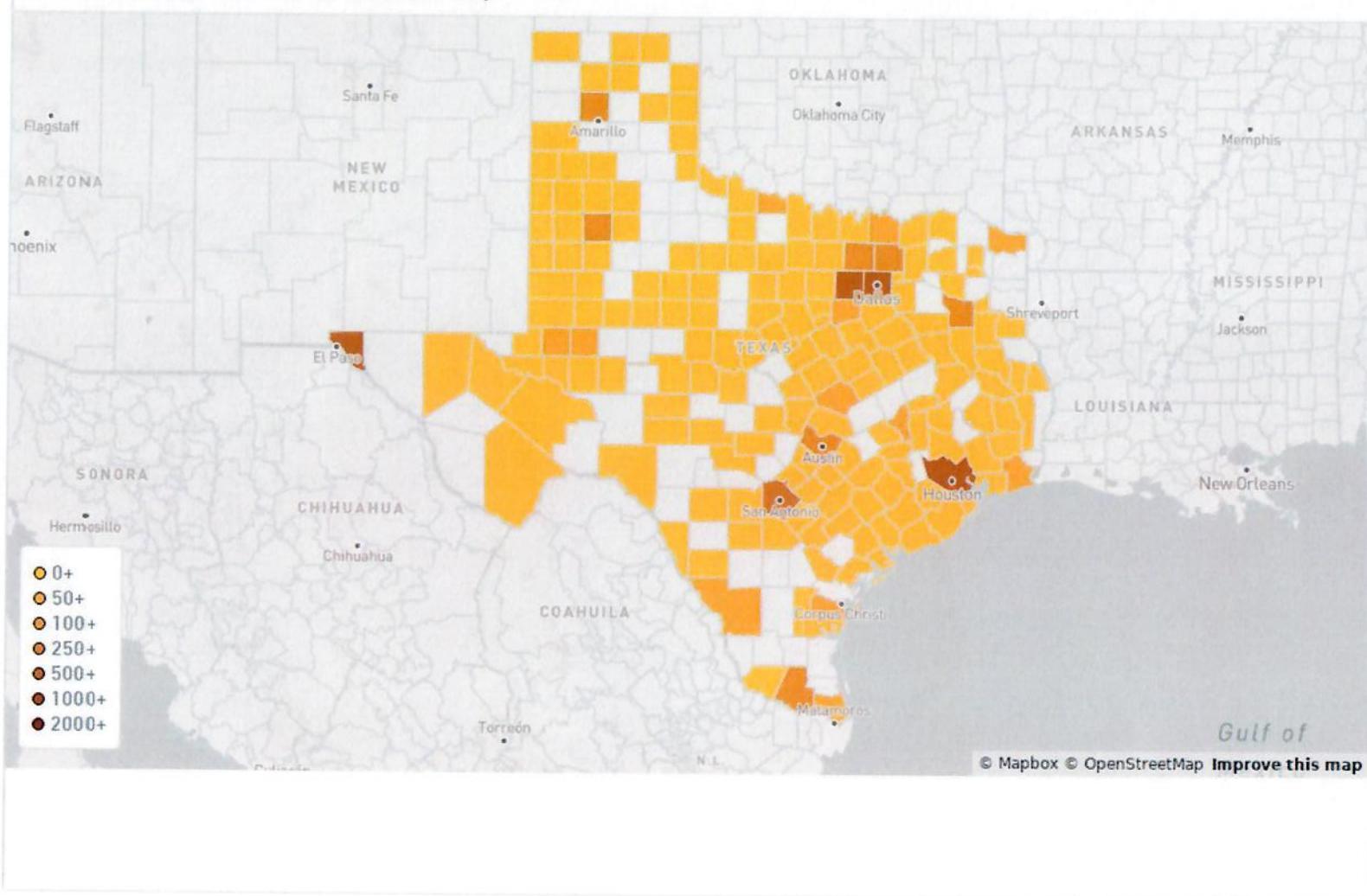
Latest Percentage of Inpatients with COVID (Priority Facilities Only)

Min Date: 7/1/20 1:00 AM

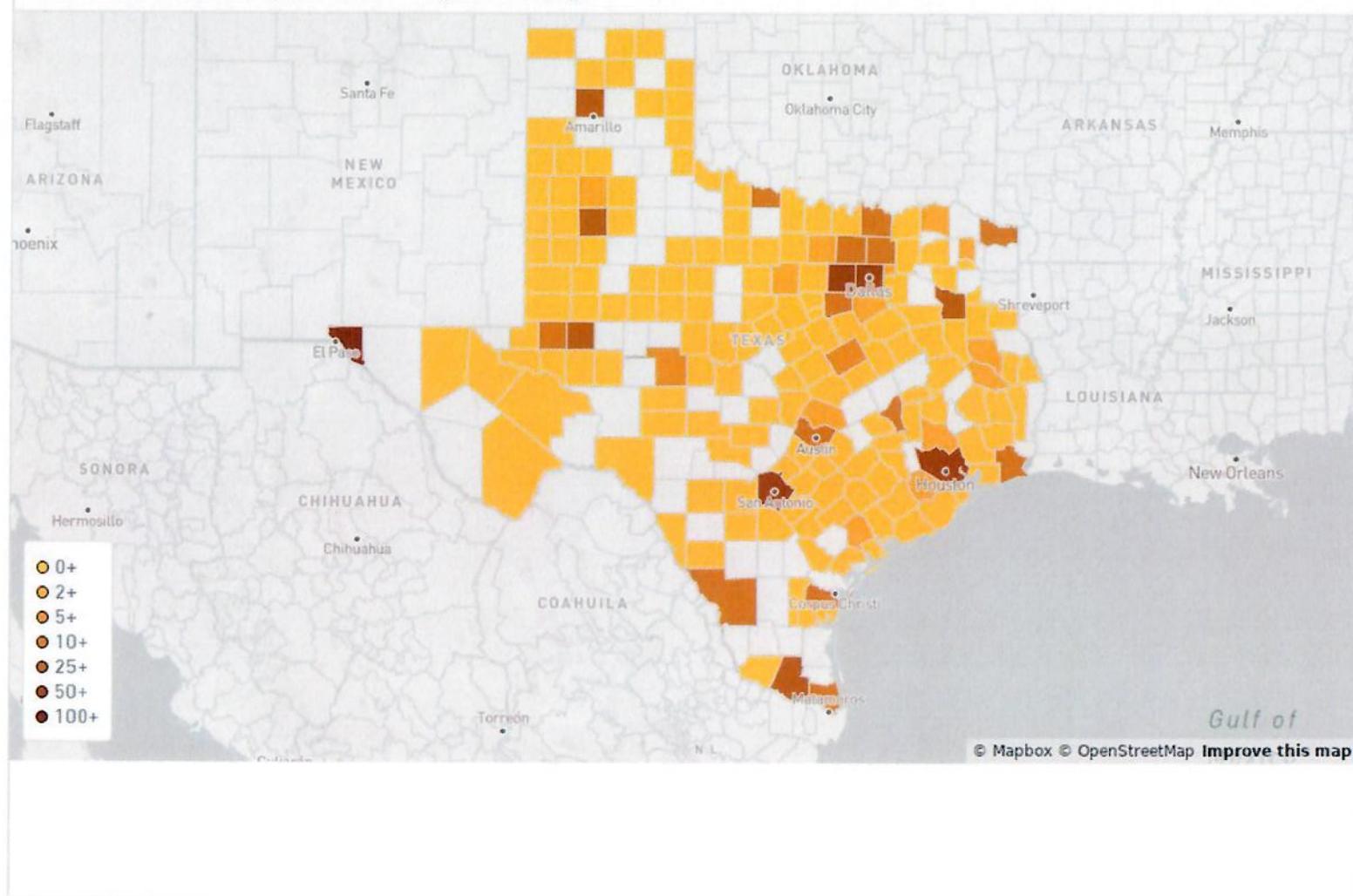


Texas Deep Dive

Latest COVID Hospitalizations (Priority Facilities Only)

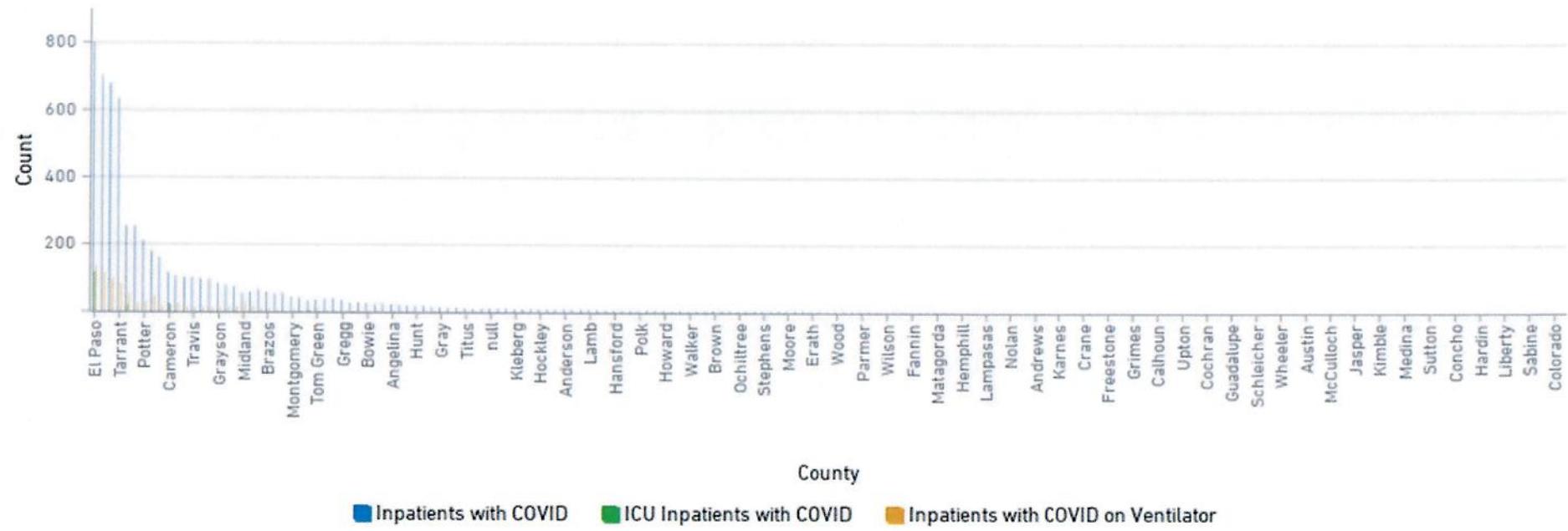


Latest COVID Ventilated Hospitalizations (Priority Facilities Only)



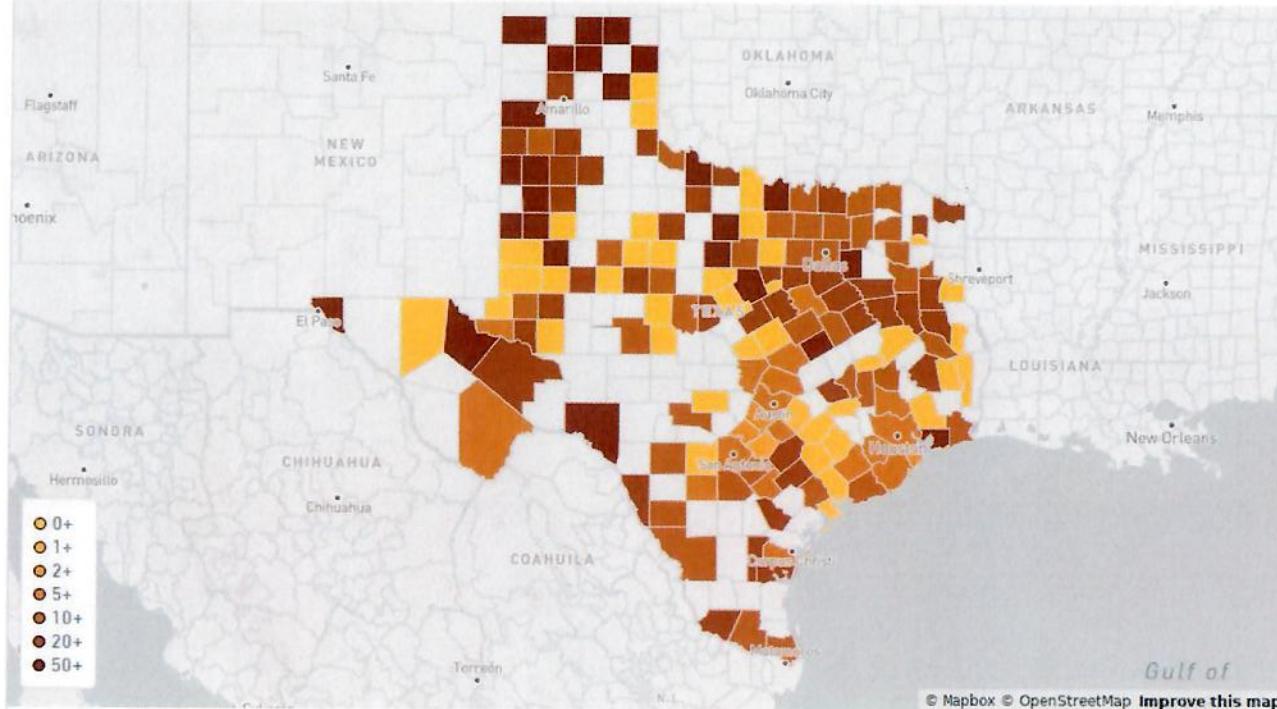
Latest Hospitalization Numbers by County (Priority Facilities Only)

Min Date: 7/1/20 1:00 AM



Latest Percentage of Inpatients with COVID (Priority Facilities Only)

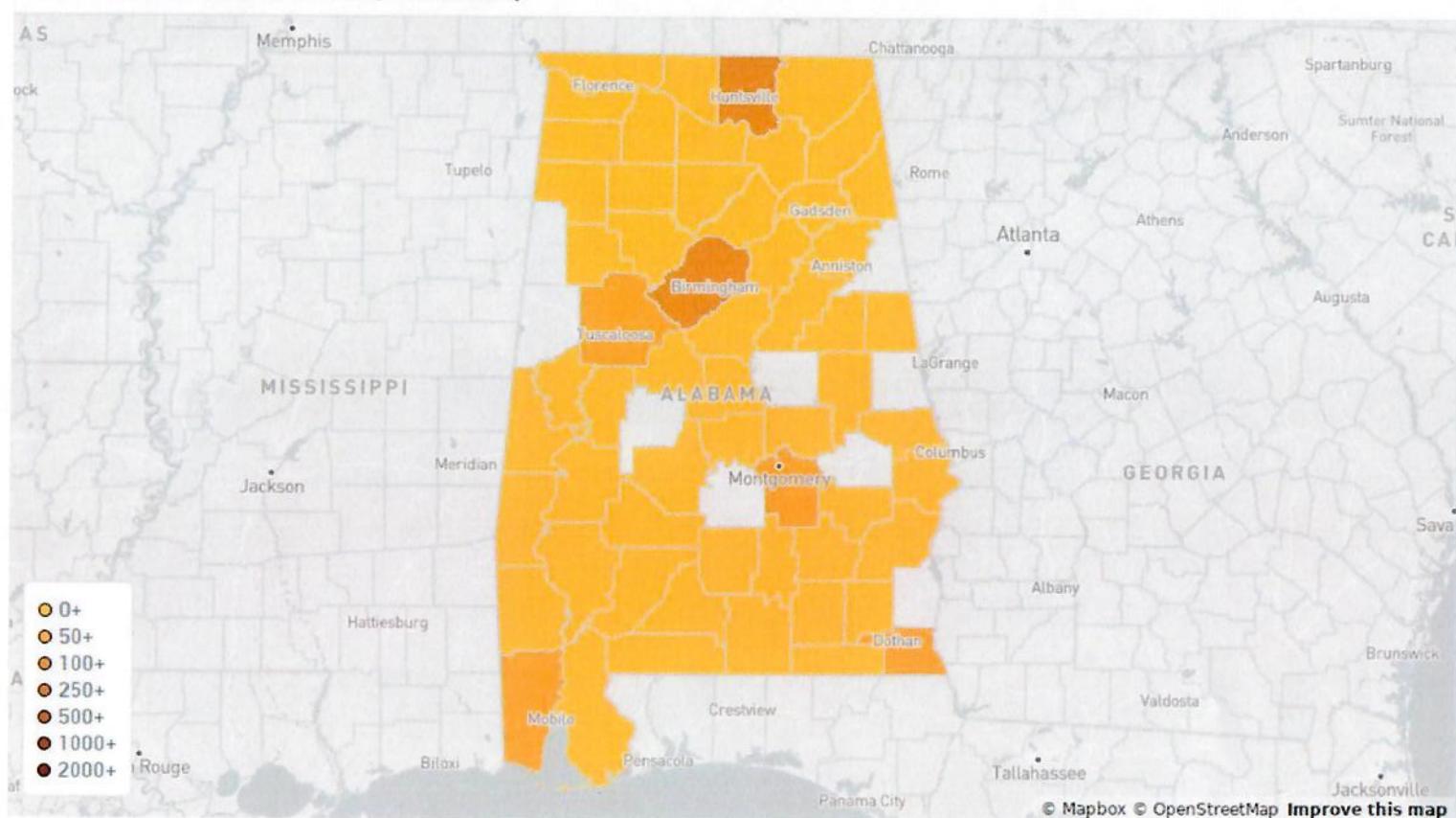
Min Date: 7/1/20 1:00 AM



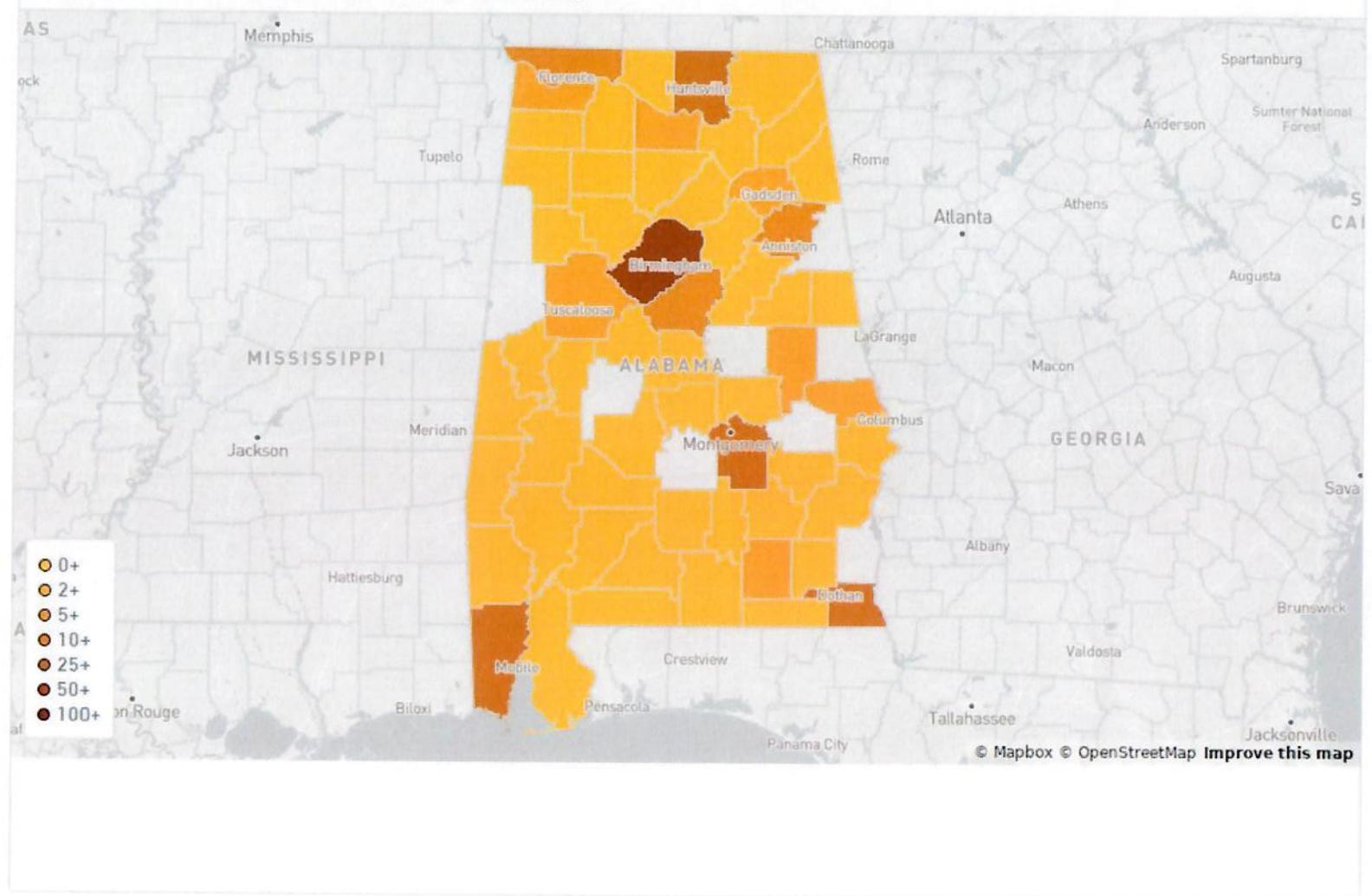
Latest Percentage of Inpatients with COVID (Priority Facilities Only)

Alabama Deep Dive

Latest COVID Hospitalizations (Priority Facilities Only)

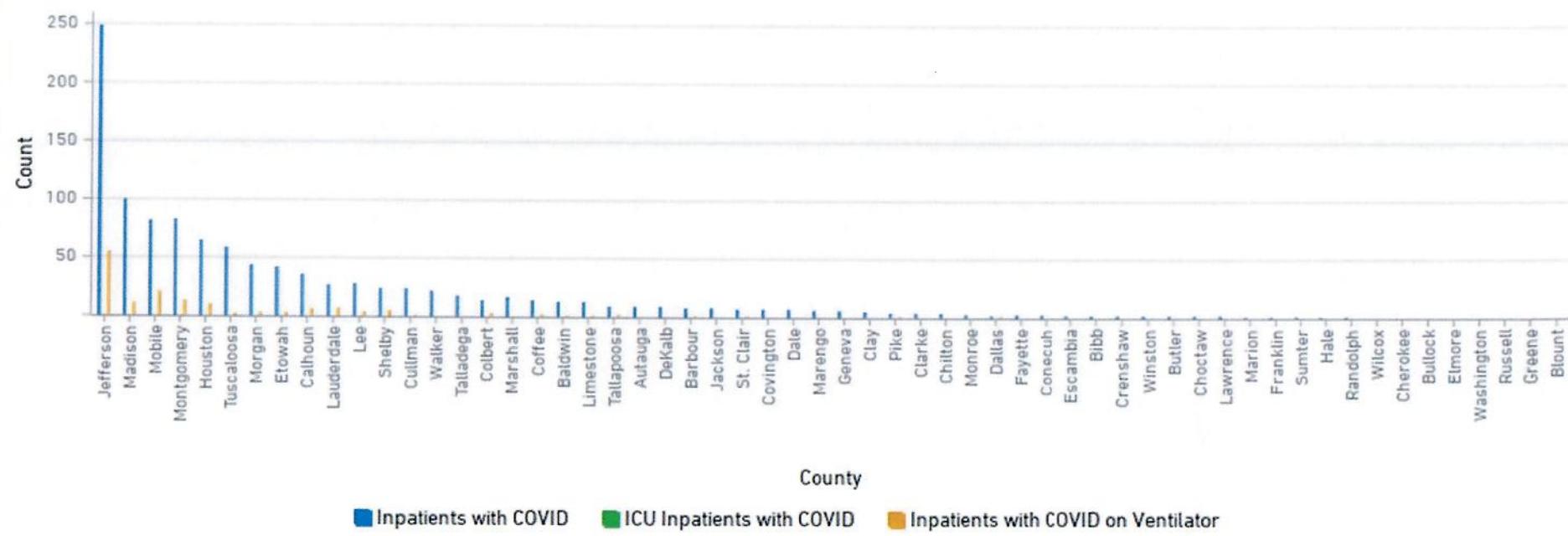


Latest COVID Ventilated Hospitalizations (Priority Facilities Only)



Latest Hospitalization Numbers by County (Priority Facilities Only)

Min Date: 7/1/20 1:00 AM



Latest Percentage of Inpatients with COVID (Priority Facilities Only)

Min Date: 7/1/20 1:00 AM

