

FMDA Journal Club presents: What's Then? What's Now? What's Up?



October 20, 2021

Diane Sanders-Cepeda, DO, CMD – Host

This meeting will be recorded and will be available at
www.fmda.org/journalclub.php

Agenda

State of the State



Then & Now: Clinical Trend Review



Ups & Downs - Clinical Updates



What's Up with PALTC Infrastructure



Open Discussion



COVID-19 Dashboard by the Center for Systems Science and Engineering (CSSE) at Johns Hopkins University (JHU)

Last Updated at (M/D/YYYY)
10/20/2021, 6:21 AM

Total Cases

45,140,220

Total Deaths

728,313

Total Vaccine Doses Administered

407,767,988



Cases | Deaths by
Country/Region/Sovereignty

28-Day Cases

2,718,512

28-Day Deaths

49,071

28-Day Vaccine Doses Administered

19,686,943

US

28-Day: **2,714,487** | **49,027**
Totals: **45,140,220** | **728,313**

United Kingdom

28-Day: **1,049,356** | **3,472**
Totals: **8,581,288** | **139,265**

Turkey

28-Day: **810,094** | **5,995**
Totals: **7,714,349** | **68,060**

Russia

28-Day: **728,557** | **25,079**
Totals: **7,969,960** | **222,320**

India

28-Day: **577,498** | **6,883**
Totals: **34,108,996** | **452,651**

Brazil

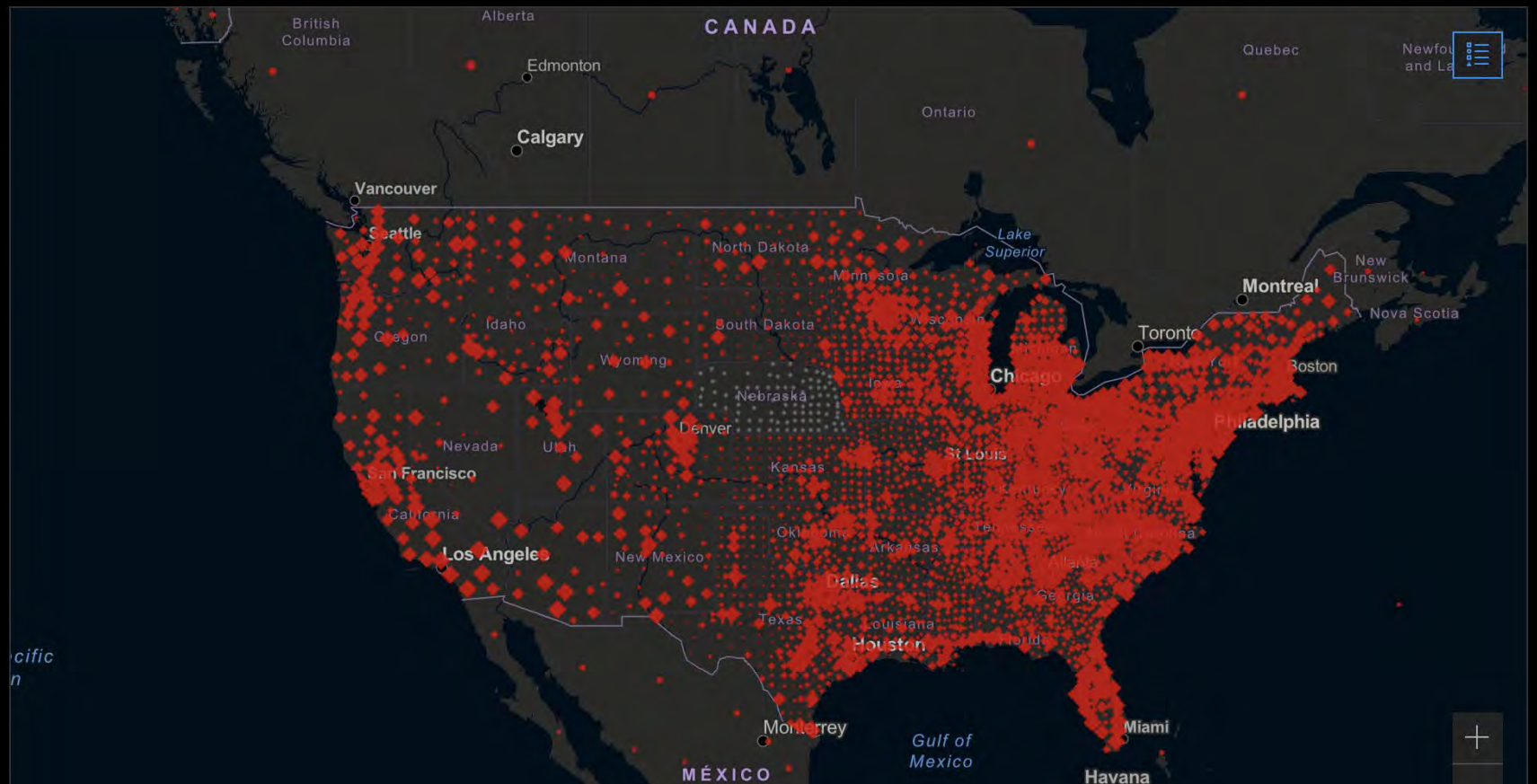
28-Day: **417,785** | **12,415**
Totals: **21,664,879** | **603,855**

Iran

28-Day: **350,171** | **6,518**
Totals: **5,809,967** | **124,423**

Philippines

28-Day: **329,819** | **3,898**



COVID-19 Weekly Situation Report: State Overview

Previous week (October 8, 2021 - October 14, 2021)

Published October 15, 2021

All data are provisional and subject to change. Data include only Florida residents.



Case data	Previous week	Cumulative
Total	19,519	3,620,562
New case positivity	3.8%	21.1%
Deaths	123	57,859

Vaccine data	Previous week (doses administered)	Cumulative (people vaccinated)
Total	243,220	13,790,450
First dose	55,445	1,726,325
Series completed	82,661	11,315,689
Additional dose	105,114	748,436

See additional notes at the end of this report for information on positivity rate, deaths, and vaccination status.

Vaccine age groups	Population	Vaccinated
Total (12+)	19,119,043	72%
12-19	1,972,084	55%
20-29	2,744,987	54%
30-39	2,784,698	63%
40-49	2,669,253	72%
50-59	2,925,172	77%
60-64	1,438,783	84%
65+	4,584,066	89%

Total Vaccine Doses

Delivered 495,844,635

Administered 409,438,987

Learn more about the [distribution of vaccines.](#)

189.5M
People fully vaccinated

10.9M
People received a booster dose**

At Least One Dose

Fully Vaccinated

Booster Dose

Vaccinated People

Count

Percent of US Population

Total

219,161,368

66%

Population ≥ 12 Years of Age

218,926,834

77.2%

Population ≥ 18 Years of Age

204,111,127

79%


Population ≥ 65 Years of Age

52,412,851

95.8%

*For surveillance purposes, COVID Data Tracker counts people as being “fully vaccinated” if they received two doses on different days (regardless of time interval) of the two-dose mRNA series or received one dose of a single-dose vaccine.

**The count of people who received a booster dose includes anyone who is fully vaccinated and has received another dose of COVID-19 vaccine since August 13, 2021. This includes people who received booster doses and people who received additional doses.

 About these data

CDC | Data as of: October 19, 2021 6:00am ET. Posted: Tuesday, October 19, 2021 3:15 PM ET

Total Vaccine Doses

Delivered 495,844,635

Administered 409,438,987

[Learn more about the distribution of vaccines.](#)

189.5M
People fully vaccinated

10.9M
People received a booster dose**

At Least One Dose

Fully Vaccinated

Booster Dose

Fully Vaccinated* People

Count

Percent of US Population

Total

189,487,793

57.1%

Population ≥ 12 Years of Age

189,354,496

66.8%

Population ≥ 18 Years of Age

177,063,796

68.6%


Population ≥ 65 Years of Age

46,175,620

84.4%

*For surveillance purposes, COVID Data Tracker counts people as being “fully vaccinated” if they received two doses on different days (regardless of time interval) of the two-dose mRNA series or received one dose of a single-dose vaccine.

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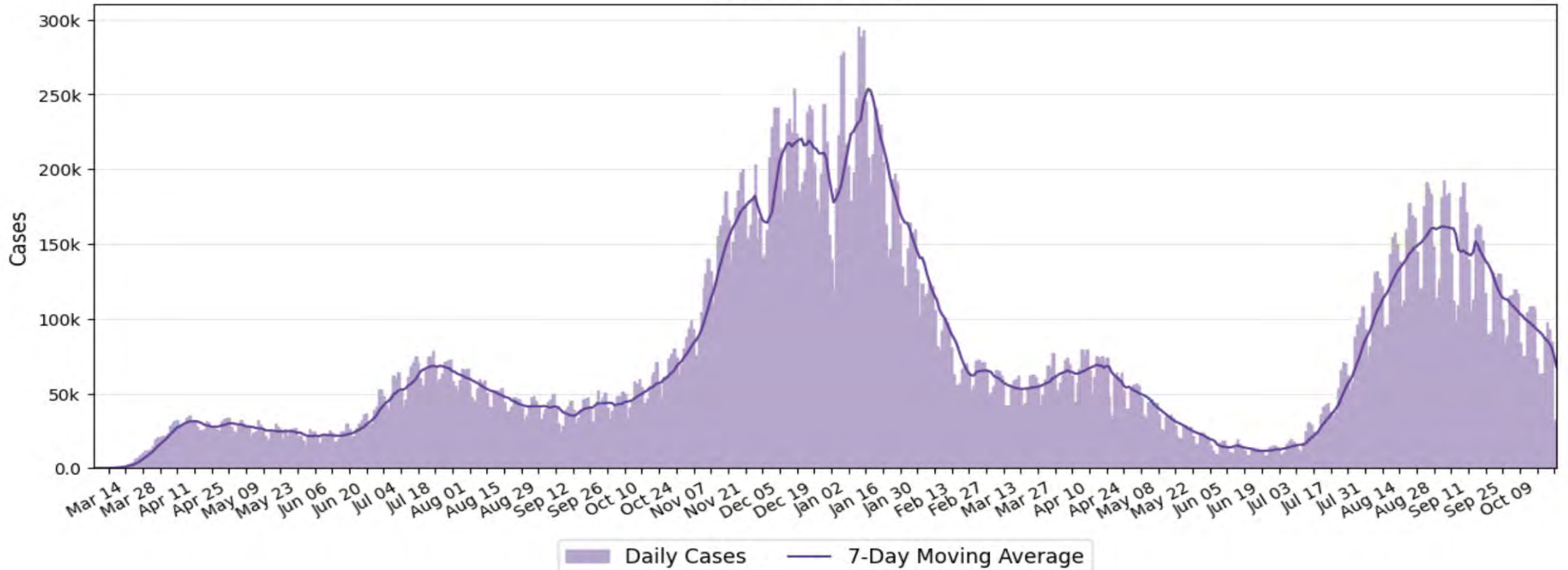
 About these data



THEN & NOW

New Cases

Data as of 10/18/2021



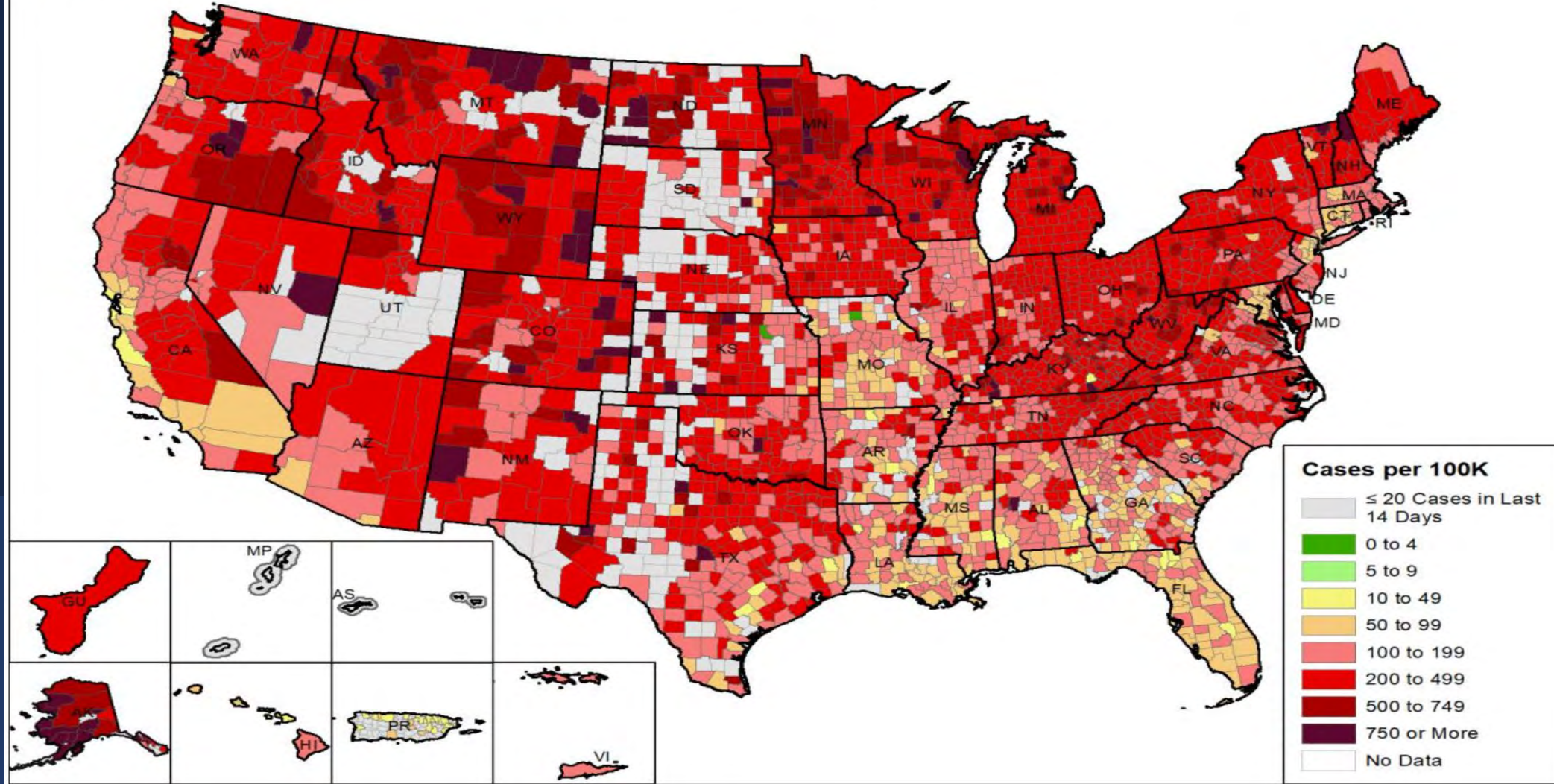
Source: CDC state-reported data (cases and deaths), Unified Testing Dataset, Unified Hospital Dataset

3/2020 – 10/2021

Case Incidence over the Last 7 Days

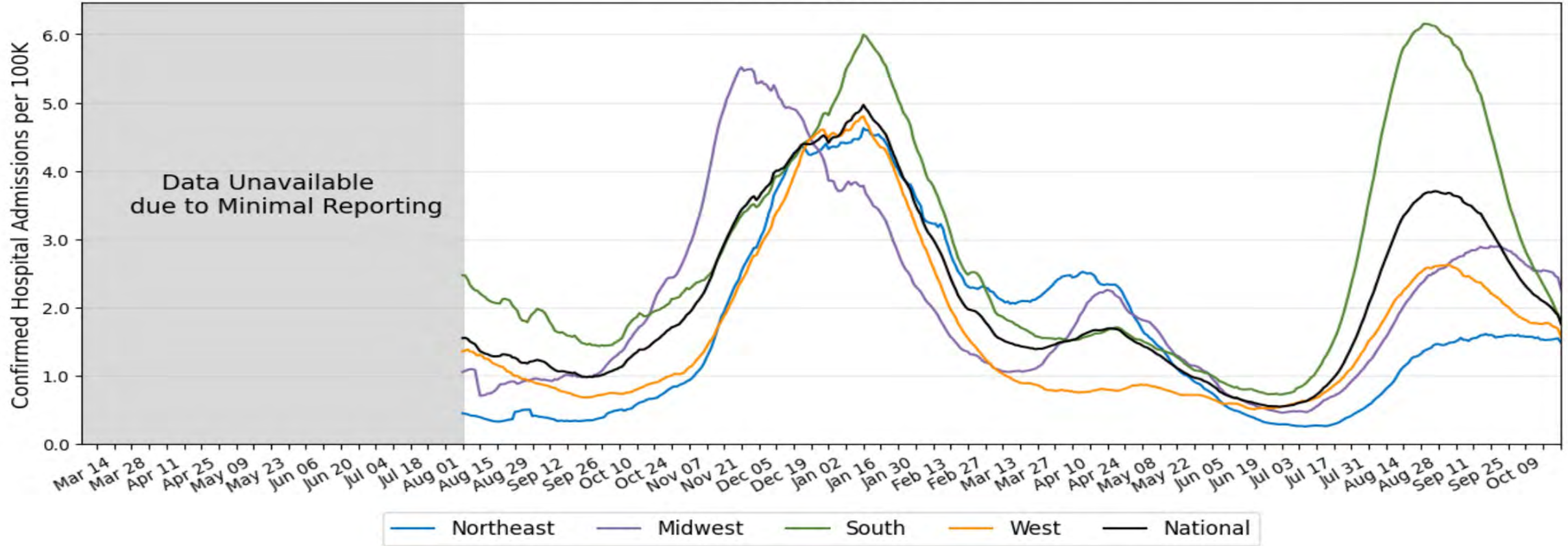
Date: 10/18/2021
Source: CDC Aggregate
County Data, CDC State-
Reported Data (Territories)

Cases per 100K by County
in the Week 11OCT2021-17OCT2021



New Confirmed Hospital Admissions per 100K (7-day average)

Data as of 10/18/2021



Source: CDC state-reported data (cases and deaths), Unified Testing Dataset, Unified Hospital Dataset.

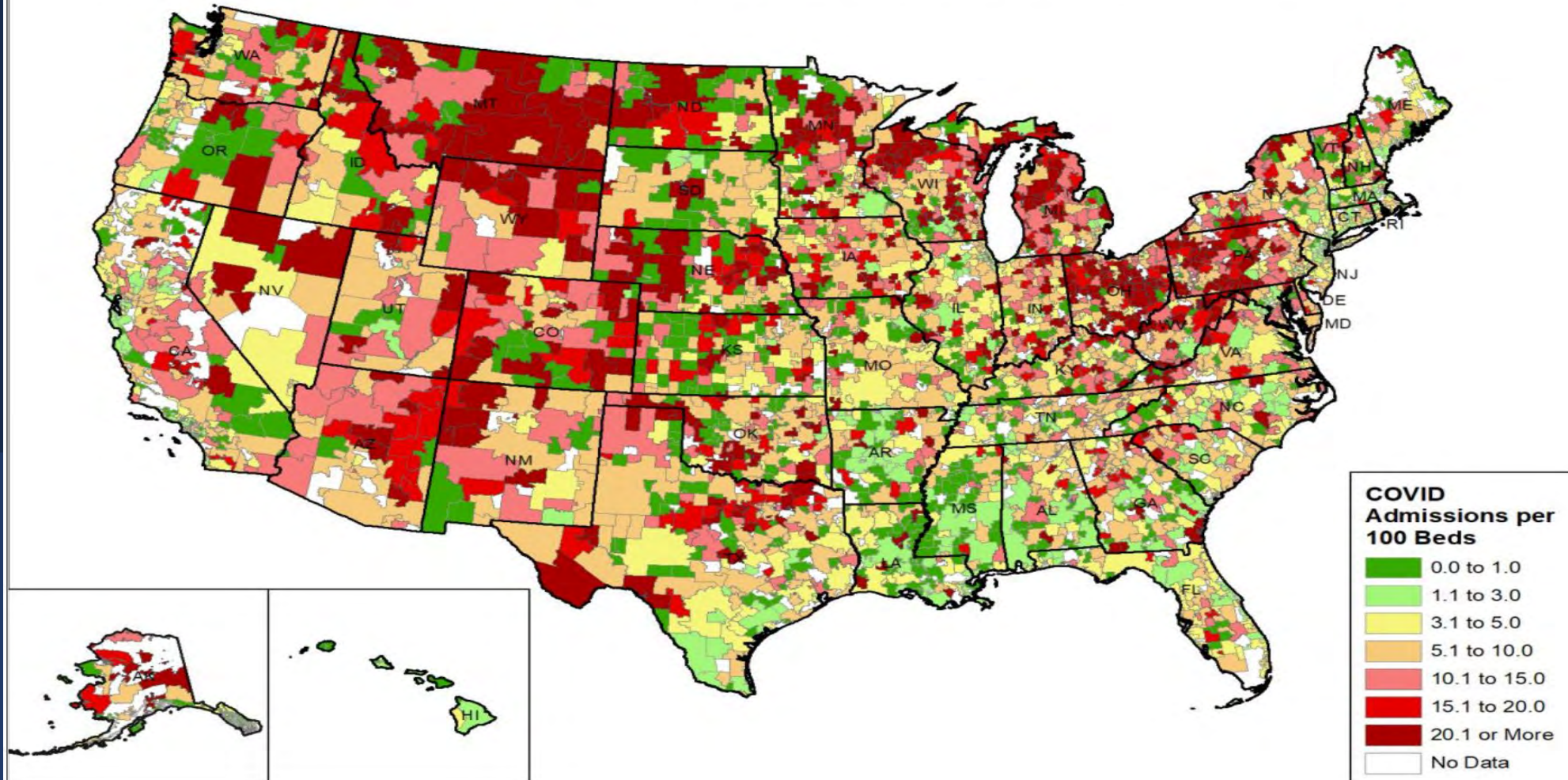
See <https://www.census.gov/geographies/reference-maps/2010/geo/2010-census-regions-and-divisions-of-the-united-states.html> for census regions.

3/2020 – 10/2021

Total Confirmed COVID-19 Hospital Admissions in Last 7 Days

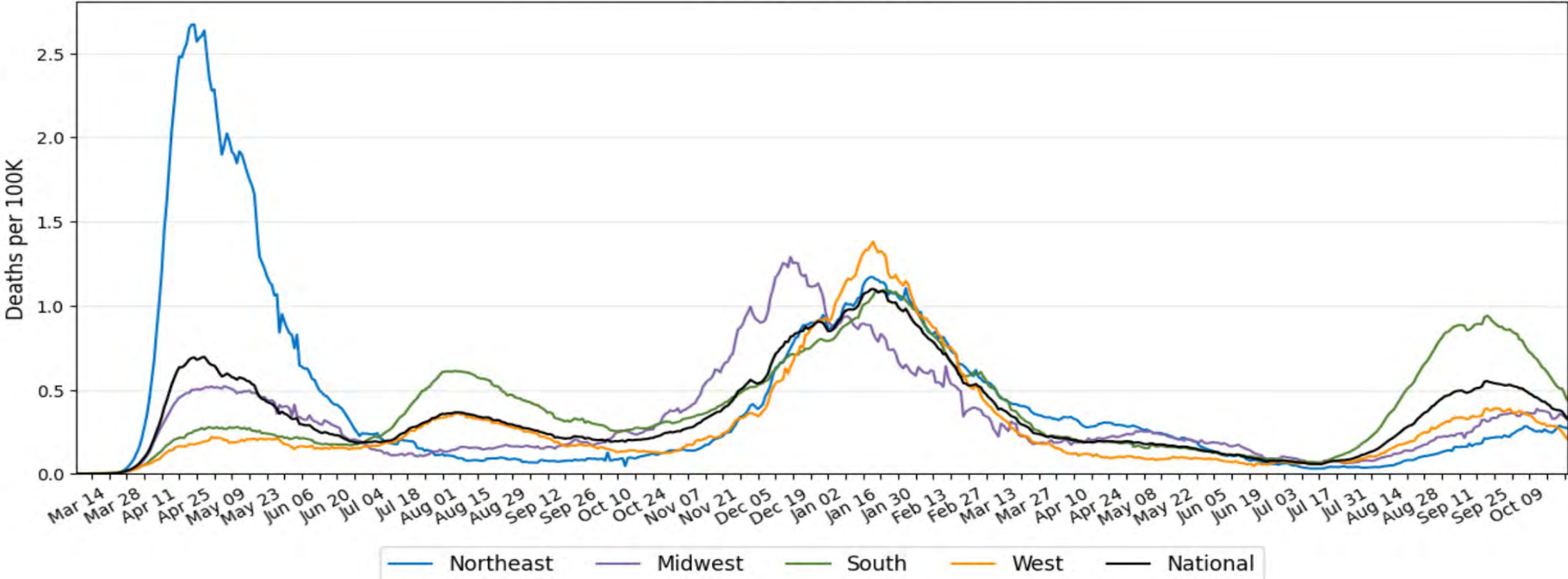
Date: 10/18/2021
Source: Unified Hospital Dataset

Confirmed COVID-19 Hospital Admissions per 100 Beds
by HSA in the Week 10OCT2021-16OCT2021



New Deaths per 100K (7-day average)

Data as of 10/18/2021



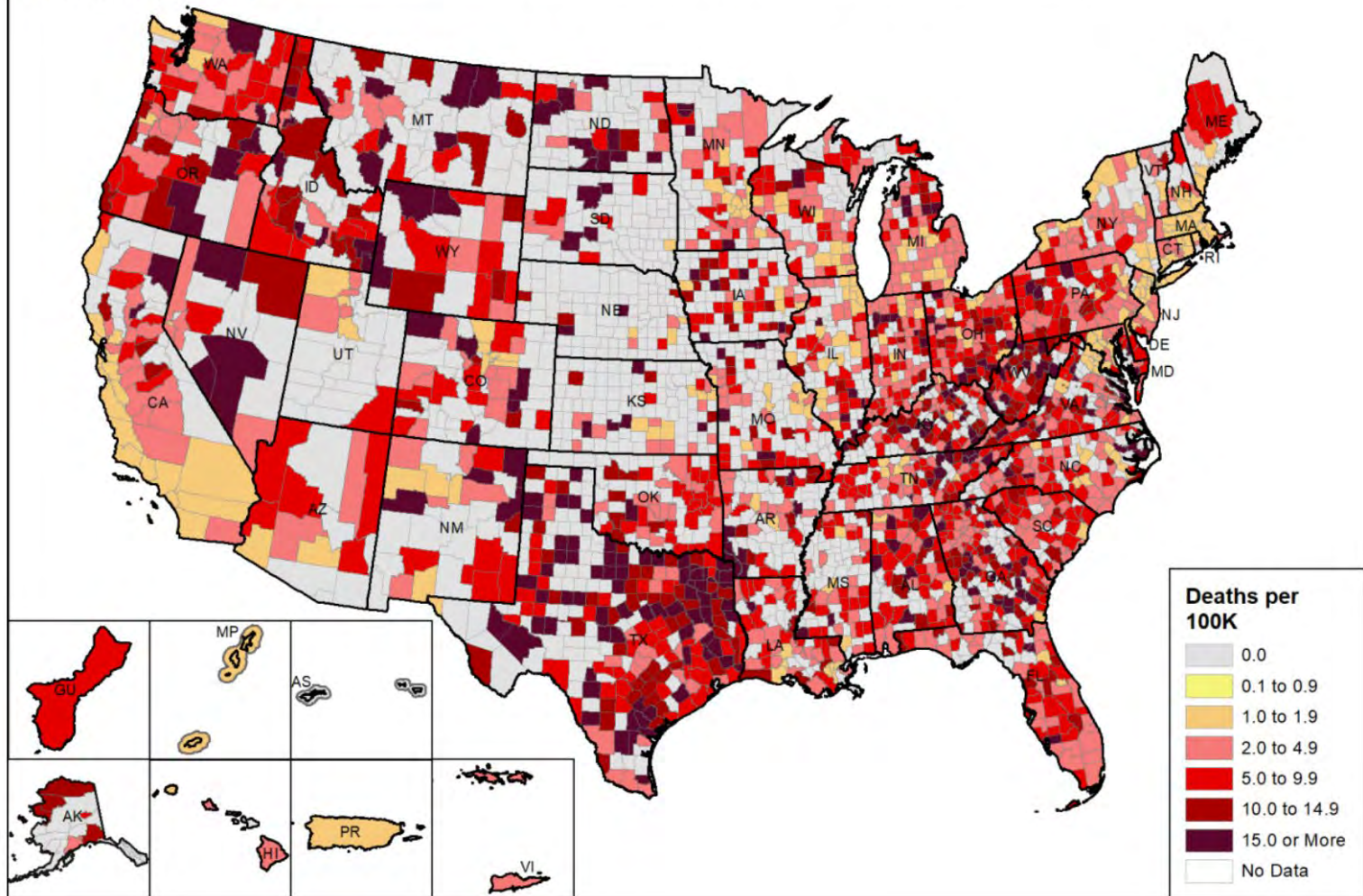
Source: CDC state-reported data (cases and deaths), Unified Testing Dataset, Unified Hospital Dataset.
See <https://www.census.gov/geographies/reference-maps/2010/geo/2010-census-regions-and-divisions-of-the-united-states.html> for census regions.

3/2020 – 10/2021

Mortality rates over last 7 days

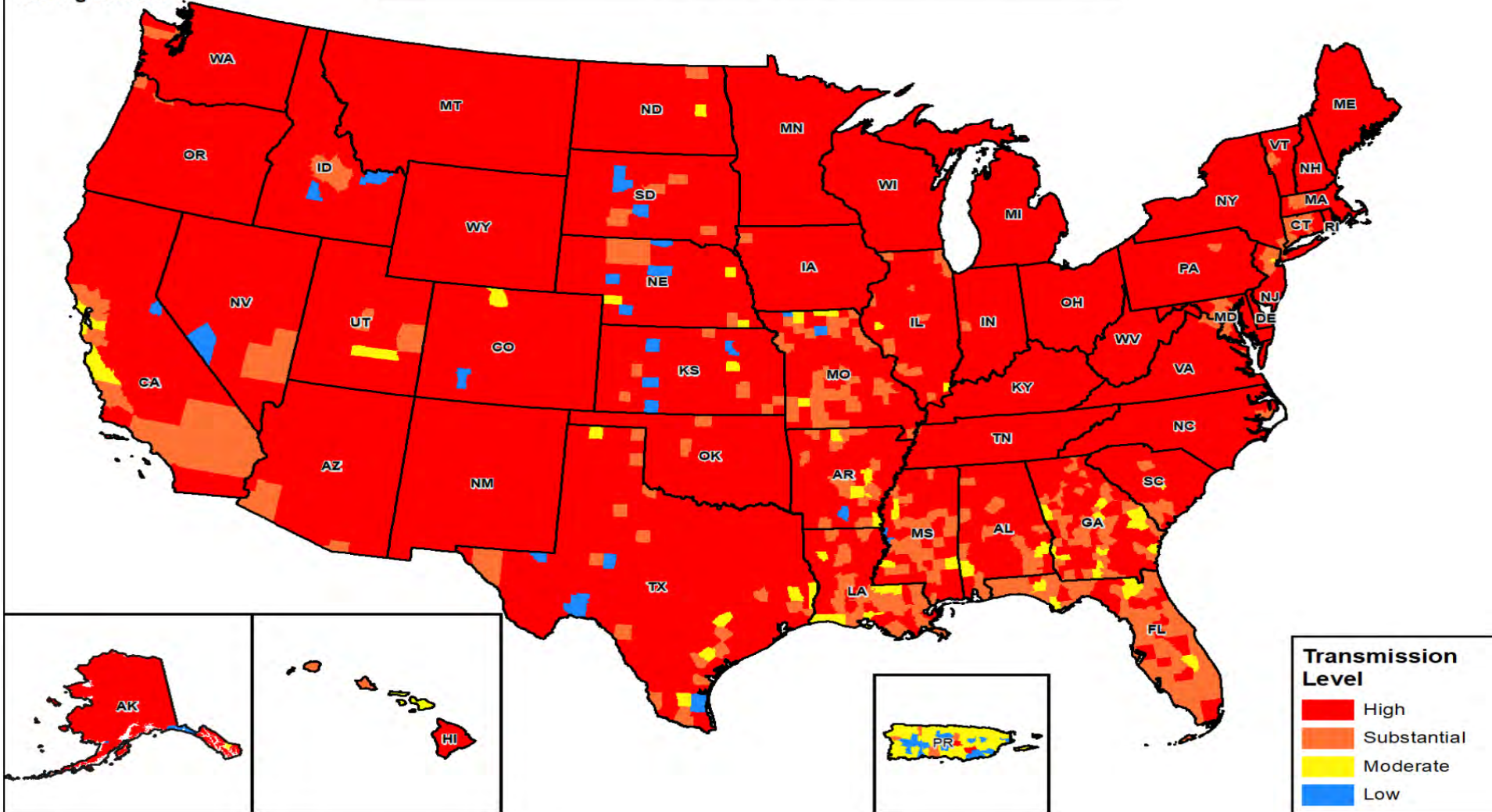
Date: 10/18/2021
Source: CDC Aggregate County Data, CDC State-Reported Data (Territories)

Deaths per 100K by County in the Week 11OCT2021-17OCT2021



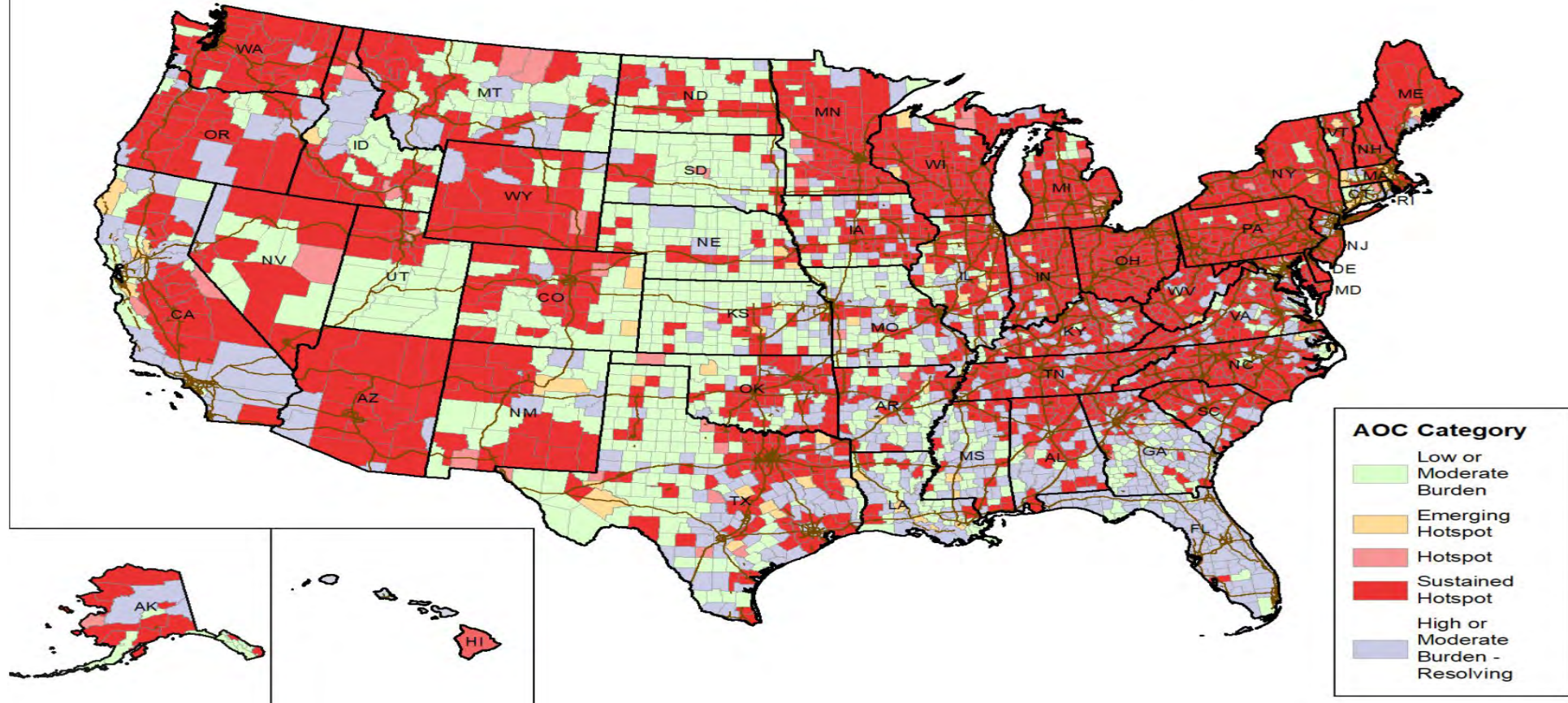
Date: 10/18/2021
Source: CDC Aggregate
County Data, Unified
Testing Dataset

Community Transmission Level by County 17OCT2021



Date: 10/18/2021

Area of Concern Continuum by County 17OCT2021



All the Ups and some of the Downs

Clinical Updates & Headlines



[Media](#) > [News releases](#) > [News release](#)

Merck and Ridgeback's Investigational Oral Antiviral Molnupiravir Reduced the Risk of Hospitalization or Death by Approximately 50 Percent Compared to Placebo for Patients with Mild or Moderate COVID-19 in Positive Interim Analysis of Phase 3 Study



Merck's oral antiviral Molnupiravir reduced the risk of hospitalization or death for patients with mild or moderate COVID-19.

PHOTOGRAPH BY MERCK

Healthcare & Pharmaceuticals

Pfizer begins study of oral drug for prevention of COVID-19

Reuters

'Mix and match' Covid vaccine boosters are effective, NIH study finds

The research will be presented Friday to the Food and Drug Administration's advisory committee as it reviews data about Moderna and J&J booster shots.

F.D.A. to Allow 'Mix and Match' Approach for Covid Booster Shots

The agency may act this week, when it is expected to authorize booster shots for recipients of the Moderna and Johnson & Johnson vaccines.



What's Up with PALTC Infrastructure

Nursing Homes, Assisted Living Facilities Facing Staffing Shortages

Nursing homes and assisted living facilities across the country are experiencing poor workforce conditions, including staffing shortages and fear of closures.

[Hospitals](#)

Staffing shortages force long-term care facilities to limit admissions, hire agency workers

by Dave Muoio | Sep 22, 2021 3:50pm

News & Publications: Press Releases

Florida Health Care Association Survey: 92% of Florida Nursing Centers Face Staffing Challenges

**NURSING HOME & LONG-
TERM CARE FACILITY STRIKE
TEAM AND INFRASTRUCTURE
PROJECT GUIDANCE**

10/1/2021

Project E: Emerging Issues

Supported through the American Rescue Plan Act of 2021

JOURNAL OF THE AMERICAN GERIATRICS SOCIETY



Special Article |  [Free Access](#)

Building community and resilience in Massachusetts nursing homes during the COVID-19 pandemic

Amy W. Baughman MD, MPH , Marina Renton MPhil, Nizar K. Wehbi MD, MPH, MBA, Eric J. Sheehan JD, Tara M. Gregorio BA, Mark Yurkofsky MD, Sharon Levine MD, ... [See all authors](#) 

First published: 26 July 2021 | <https://doi.org/10.1111/jgs.17389>

JOURNAL OF THE AMERICAN GERIATRICS SOCIETY



Special Article

Medicare payment policy in skilled nursing facilities: Lessons from a history of mixed success

Rachel Prusynski DPT, PhD(c) 

First published: 27 September 2021 | <https://doi.org/10.1111/jgs.17490>

1960

- Social security act established conditions of participation to certify nursing homes to Operate as skilled nursing facilities (SNFs)
- *Impact:* Medicare reimburses rehabilitation in nursing homes

1983

- Prospective payment system for hospitals aims to control hospital costs
- *Impacts:* Reduced hospital length of stay, increased demand for SNF care for sicker patients

1987

- Omnibus Budget Reconciliation Act aims to improve quality of care in SNFs
- *Impacts:* Standards for staffing, medication administration, and improved clinical outcomes

1997

- Balanced Budget Act established prospective payment for SNFs with goal of reducing SNF costs
- *Impacts:* Immediate reduction in SNF spending, reduction in Medicare admissions, more in-house therapy services, and nurse staffing reductions

1999

- Balanced Budget Refinement Act increased payment rates for all patients in SNFs
- *Impacts:* Increased Medicare admissions, nurse staffing, and therapy provision, rising expenditures

2000

- Benefits Improvement and Protection Act increased payment for rehabilitation and nursing case-mix components of resource utilization group case-mix system
- *Impacts:* Increased Medicare admissions, nurse staffing, and therapy provision, rising expenditures

2019

- Patient-Driven Payment Model Implemented to realign payment with patient characteristics and reduce unnecessary therapy provision
- *Impacts:* Therapy staffing declines, increased multiparticipant therapy, higher overall fee-for-service reimbursement



Thinking Beyond COVID

RESEARCH LETTERS | [ARTICLES IN PRESS](#)

Recommendations to Enhance Telemedicine in Nursing Homes in the Age of COVID-19

[James H. Ford II, PhD](#)   • [Sally A. Jolles, MA](#) • [Dee Heller, RN, NHA](#) • [Madeline Langenstroer, BS](#) •

[Christopher Crnich, MD, PhD](#)

Published: October 15, 2021 • DOI: <https://doi.org/10.1016/j.jamda.2021.10.002>

This Issue

Views **236** | Citations **0** | Altmetric **1**

Global Health



October 19, 2021

COVID-19 Rolls Back Progress Against HIV, TB, and Malaria

Bridget M. Kuehn, MSJ

JAMA. 2021;326(15):1471. doi:10.1001/jama.2021.18252

This Issue

Views **277** | Citations **0** | Altmetric **2**

Global Health

October 19, 2021

WHO: Need for Global Dementia Care Planning Is Urgent

Bridget M. Kuehn, MSJ

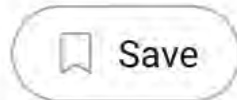
JAMA. 2021;326(15):1471. doi:10.1001/jama.2021.17456

Home / Health / Senior Care

Antipsychotic Use in Nursing Homes

Here's what to know about these powerful medications and their use for dementia patients.

By [Elaine K. Howley](#) | Oct. 4, 2021, at 4:41 p.m.





DRIVE TO DEPRESCRIBE

Optimizing Medication Use in PALTC

The issue of polypharmacy and inappropriate medication use in post-acute and long-term care (PALTC) has been an ongoing concern. The PALTC setting has one of the highest polypharmacy rates, which increases the risk for adverse events and drug interactions.

- <https://paltc.org/drive2deprescribe>



Open Discussion

Save the Date!

**FMDA's 30th Annual
Conference & Trade Show
Nov. 4-7, 2021**



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THE FLORIDA SOCIETY
FOR POST-ACUTE AND
LONG-TERM
CARE MEDICINE

We hope to see you all there! Please visit [BestCarePractices.org](https://www.BestCarePractices.org) for updates!



THE FLORIDA SOCIETY
FOR POST-ACUTE AND
LONG-TERM
CARE MEDICINE

**400 Executive Center Drive, Suite 208
West Palm Beach, FL 33401**

www.fmda.org; www.bestcarepractices.org



This meeting has been recorded and will be available at www.fmda.org/journalclub.php