



COVID-19 Impact: Navigating the Potholes

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



FMDA Journal Club

November 4, 2020

Alfonso Gonzalez-Rodriguez, MD – Special Guest

Diane Sanders-Cepeda, DO, CMD – Host

Agenda

- COVID 19 State of The State
- Clinical Highlights
- Navigating the Potholes
- Open Discussion

Tracking Home

Critical Trends

Global Map

U.S. Map

Data in Motion



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



Global Cases

9,385,505

Cases by Country/Region/Sovereignty

9,385,505 US

8,313,876 India

5,566,049 Brazil

1,680,579 Russia

1,461,391 France

1,259,366 Spain

1,195,276 Argentina

1,099,392 Colombia

1,077,099 United Kingdom

938,405 Mexico

902,503 Peru

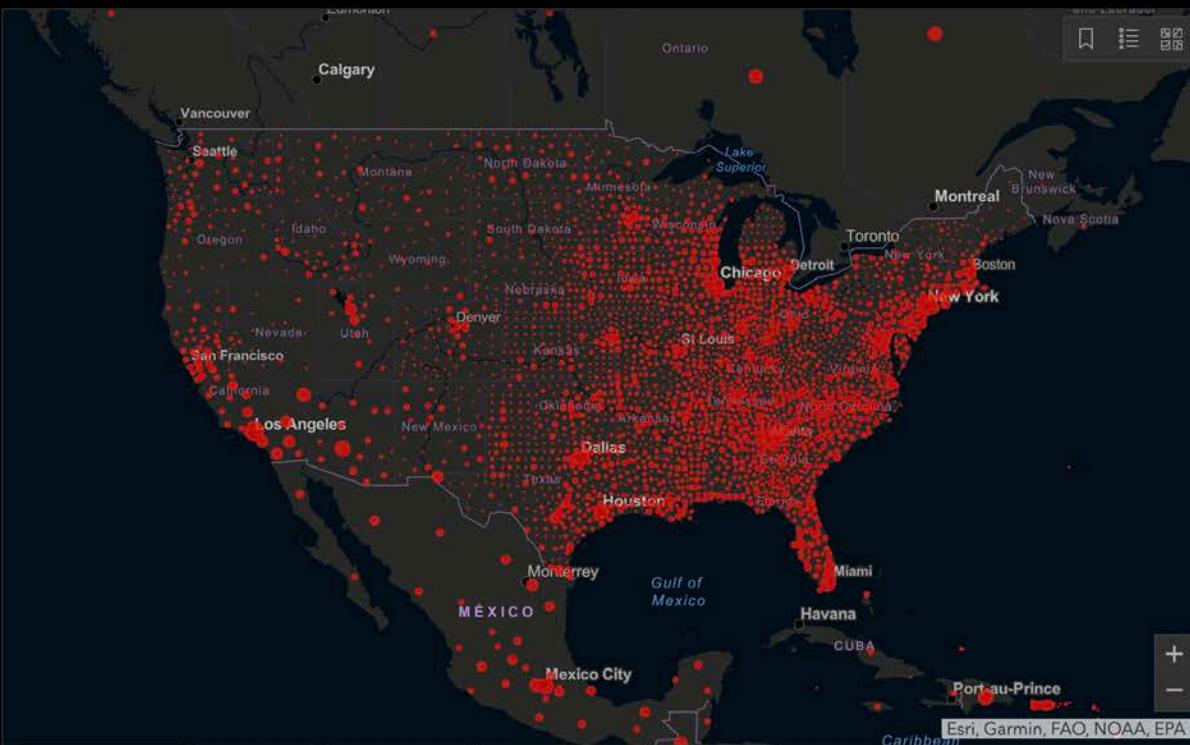
759,829 Italy

728,836 South Africa

646,164 Iran

Admin0 Admin1 Admin2

Last Updated at (M/D/YYYY)

11/4/2020, 8:25 AM

Cumulative Cases

Active Cases

Incidence Rate

Case-Fatality Ratio

Testing Rate

190
countries/regionsLancet Inf Dis Article: [Here](#). Mobile Version: [Here](#). Data sources: [Full list](#). Downloadable database: [GitHub](#), [Feature Layer](#).

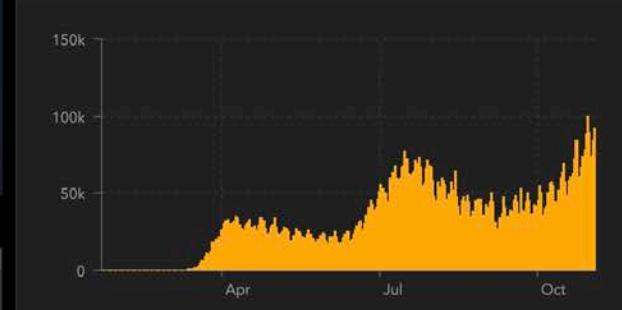
Lead by JHU CSSE. Technical Support: Esri Living Atlas team and JHU APL. Financial Support:

JHU, NSF, Bloomberg Philanthropies and Stavros Niarchos Foundation. Resource support: Slack, GitHub and AWS.

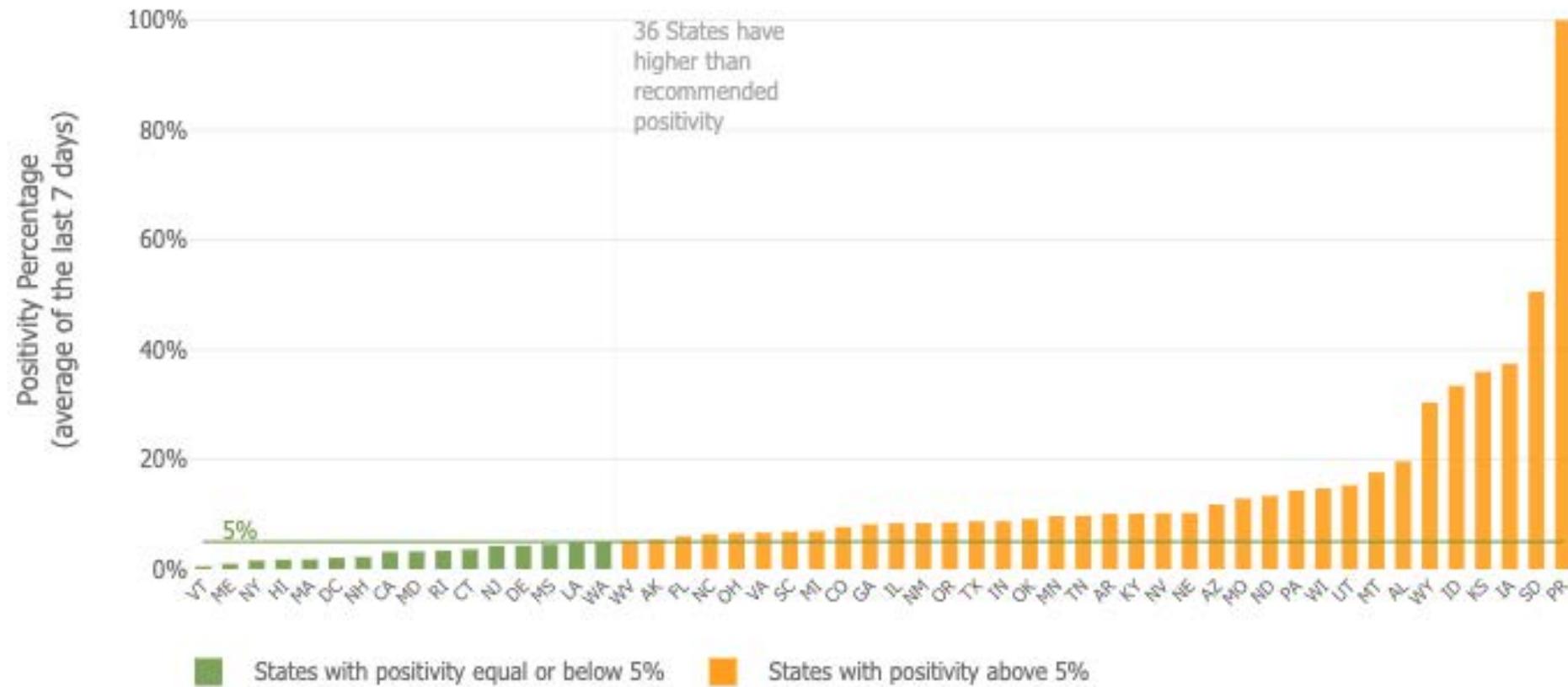
232,638232,638 deaths
USUS State Level
Deaths, Recovered33,543 deaths, 79,990
recovered
New York US18,632 deaths, 792,286
recovered
Texas US17,752 deaths, recovered
California US16,890 deaths, recovered
Florida US16,371 deaths, 37,394
recovered
New Jersey US

Global Deaths

US Deaths, Recovered



Daily Cases





Florida's COVID-19 Data and Surveillance Dashboard

Florida Department of Health, Division of Disease Control and Health Protection

Select a County STATE



Total Cases 816,700

Cumulative Data for Florida Residents:

Positive Residents 805,924

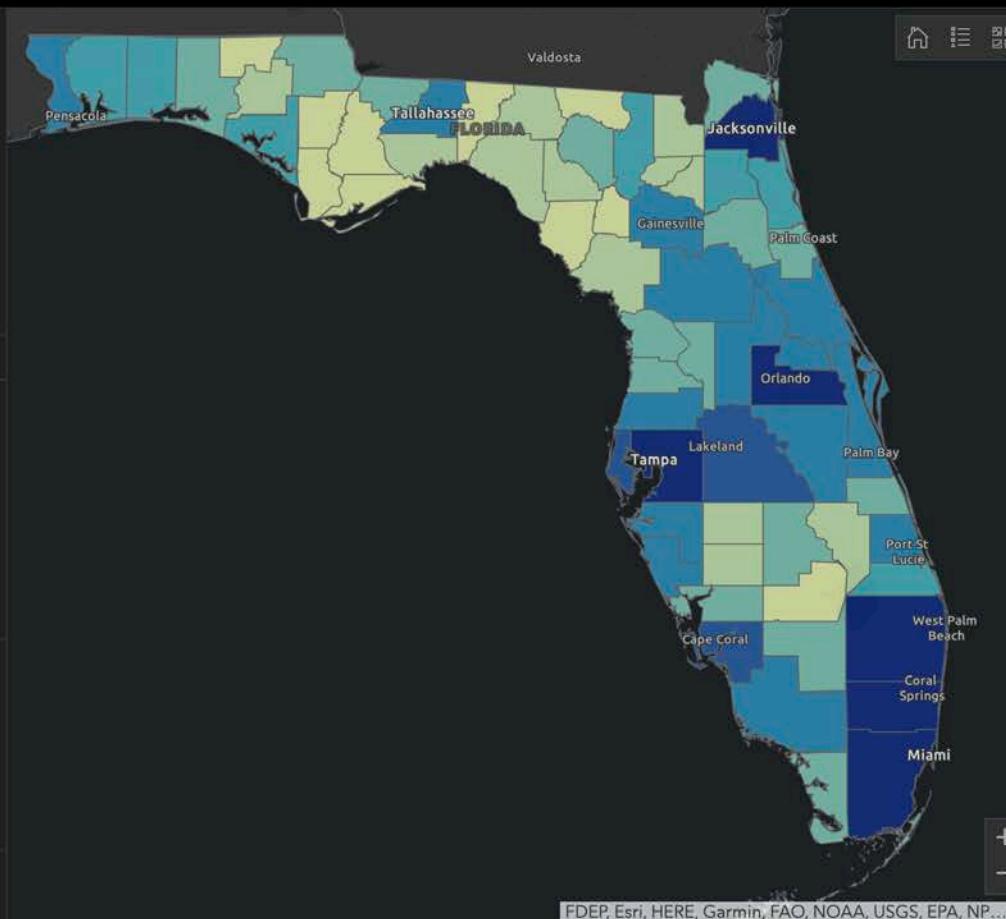
Resident Hospitalizations 49,715

Florida Resident Deaths

16,890

Non-Resident Deaths

209



Comparison of counties is not possible because case data are not adjusted by population.

Data is updated every day at approximately 11 A.M. ET.

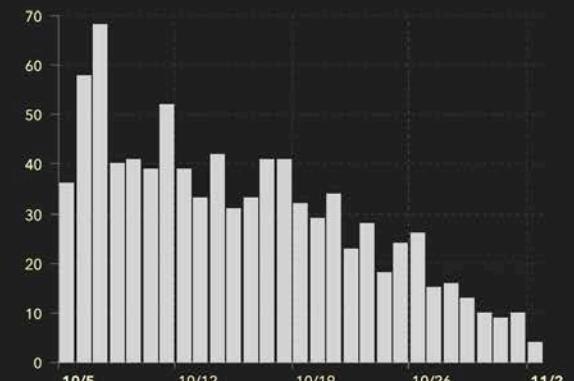
[Click here to access and download data](#)

Recent Data for Florida Residents (Last 30 Days):

New Cases of Residents by Day



Resident Deaths by Date of Death



The Deaths by Day chart shows the total number of Florida residents with confirmed COVID-19 that died on each calendar day (12:00 AM - 11:59 PM). Death data often has significant delays in reporting, so data within the past two weeks will be updated.

Florida Cases

Florida Testing

Cases by County

Rates Map

Case Maps

Cases by Zip Code

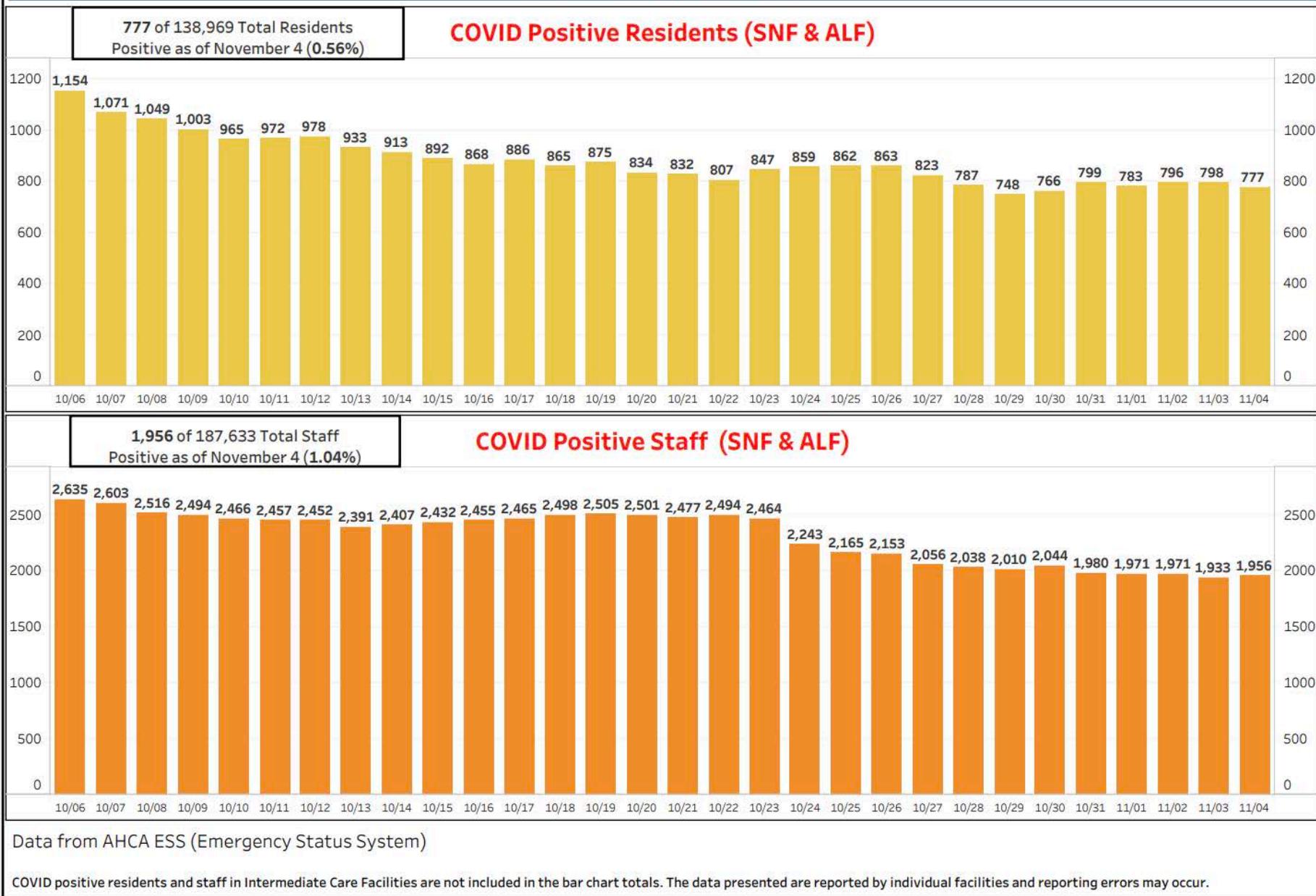
Health Metrics

USA and World



COVID in LTC

Last Updated: 11/3/2020 5:15:26 PM



[Our Data](#)[About the Data](#)[Race and COVID-19](#)[About Us](#)[Blog](#)[Volunteer](#)AT *The Atlantic*[Our Data](#)

The Long-Term Care COVID Tracker

Less than 1% of America's population lives in long-term care facilities, but as of October 29, 2020, this tiny fraction of the country accounts for 40% of US COVID-19 deaths.

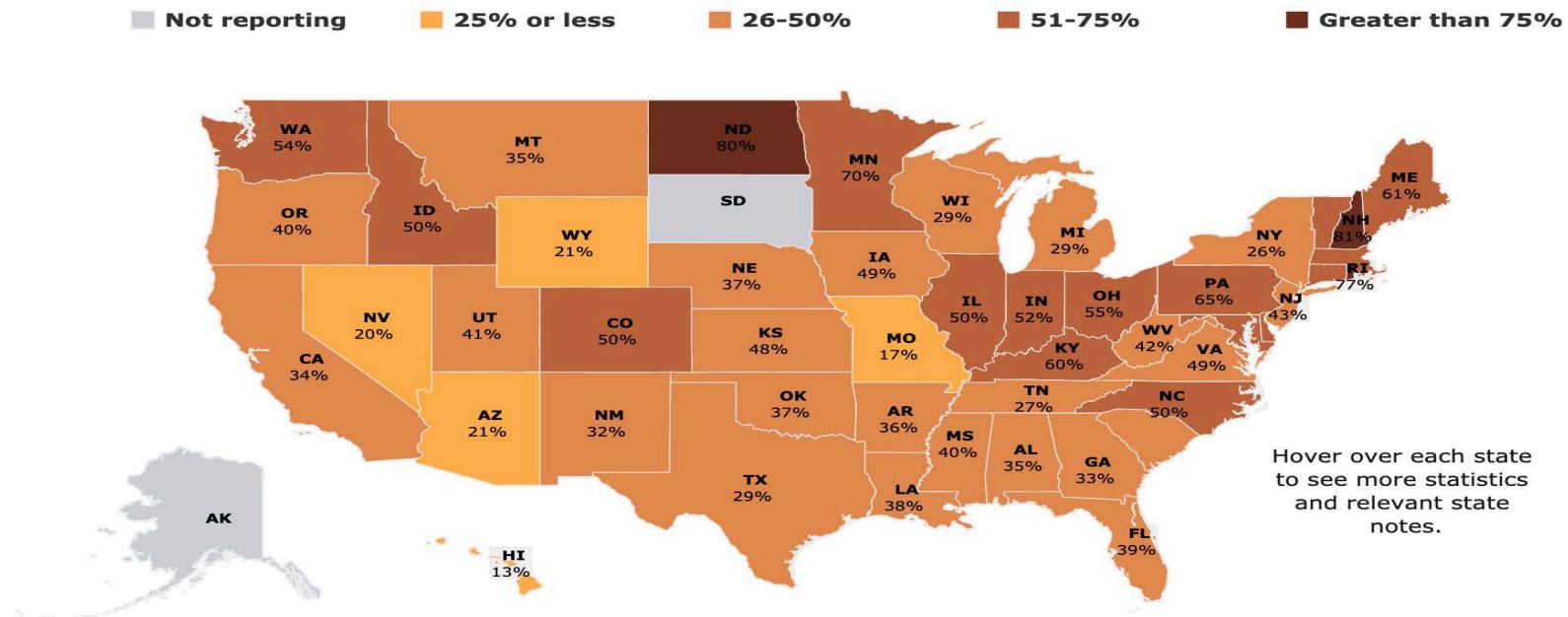
Cumulative

547,924
Total cases

88,910
Total deaths

23,749
Total number of facilities affected

Percent of COVID-19 deaths occurring in long-term care (LTC) facilities



Note: Data was last collected by The COVID Tracking Project on October 29, 2020. AK, AS, AZ, GU, MO, MP, PR and SD do not report long-term care death data. AK and HI are not shown to scale.





Clinical Highlights



CLINICAL PRACTICE

Caren G. Solomon, M.D., M.P.H., *Editor*

Mild or Moderate Covid-19

Rajesh T. Gandhi, M.D., John B. Lynch, M.D., M.P.H., and Carlos del Rio, M.D.

This Journal feature begins with a case vignette highlighting a common clinical problem. Evidence supporting various strategies is then presented, followed by a review of formal guidelines, when they exist. The article ends with the authors' clinical recommendations.

	Asymptomatic or Presymptomatic	Mild Illness	Moderate Illness	Severe Illness	Critical Illness
Features	Positive SARS-CoV-2 test; no symptoms	Mild symptoms (e.g., fever, cough, or change in taste or smell); no dyspnea	Clinical or radiographic evidence of lower respiratory tract disease; oxygen saturation $\geq 94\%$	Oxygen saturation $< 94\%$; respiratory rate ≥ 30 breaths/min; lung infiltrates $> 50\%$	Respiratory failure, shock, and multiorgan dysfunction or failure
Testing	Screening testing; if patient has known exposure, diagnostic testing	Diagnostic testing	Diagnostic testing	Diagnostic testing	Diagnostic testing
Isolation	Yes	Yes	Yes	Yes	Yes
Proposed Disease Pathogenesis	Viral replication				
Potential Treatment	Antiviral therapy				
	Antibody therapy		Antiinflammatory therapy		
Management Considerations	Monitoring for symptoms	Clinical monitoring and supportive care	Clinical monitoring; if patient is hospitalized and at high risk for deterioration, possibly remdesivir	Hospitalization, oxygen therapy, and specific therapy (remdesivir, dexamethasone)	Critical care and specific therapy (dexamethasone, possibly remdesivir)

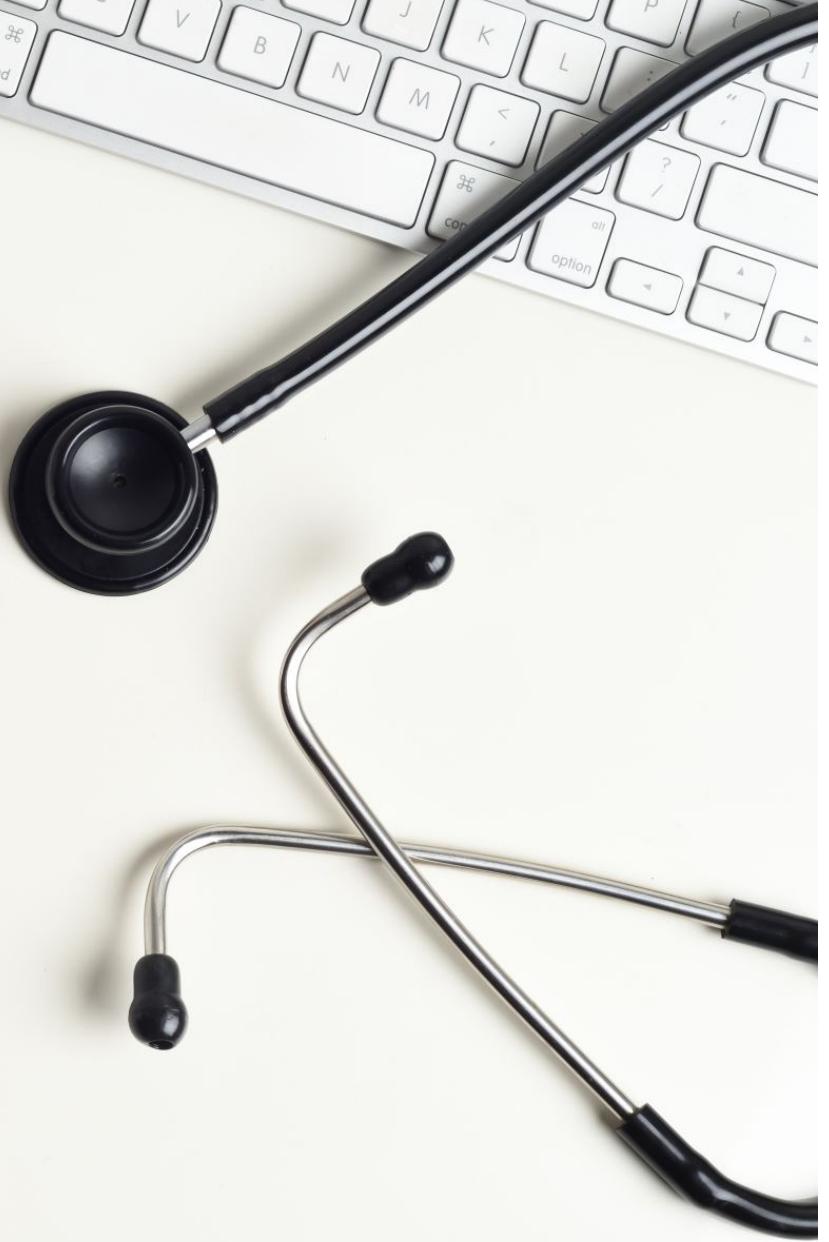
Table 2. SARS-CoV-2 Transmission According to Stage of Infection.

Stage of Infection*	RNA Detectable in Respiratory Samples, Blood, and Feces	Viable Virus Detectable in Respiratory Samples	Transmission Can Occur	Mechanism of Transmission†						Minimum Recommended Level of Precautions
				Droplet	Natural Aerosol	Aerosol-Generating Procedure	Direct Contact	Indirect Contact	Enteric Route	
Presymptomatic or asymptomatic‡	Yes	Yes	Yes§	Yes	Strongly suspected	Strongly suspected	Suspected	Suspected	Unknown	Protection from droplet and contact transmission during routine care Protection from airborne and contact transmission during aerosol-generating procedure
Symptomatic	Yes	Yes	Yes	Yes	Yes	Yes	Strongly suspected	Suspected	Unknown	Protection from droplet and contact transmission during routine care Protection from airborne and contact transmission during aerosol-generating procedure
Post–acute symptomatic	Yes, often prolonged	No	No	No	No	No	No	No	No	Accordance with updated standard precautions, including use of eye protection (goggles or face shield) and medical mask



Alfonso Gonzalez-Rodriguez, MD

Navigating the Potholes



Points of Discussion

- Adhering to State & Local Guidance
- NH Visitations
- Leave of Absences/Holiday Passes
- Revisiting PPE concerns & shortages
- Managing Clinician's Workflow

A dark, moody photograph of a desk setup. In the center, a laptop screen displays a presentation slide with the text "Open Discussion". To the right of the laptop, a white smartphone lies face down. In the foreground, a notebook with horizontal ruling is open; a black pen rests diagonally across it. The background is blurred, showing more of the desk and some papers.

Open Discussion



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



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