

# COVID-19: Latest Research and Available Data

End-of-Life Center: February 2021 Meeting

Dr. Debra Dobbs and Carlyn E. Vogel | February 10<sup>th</sup>, 2021



UNIVERSITY of  
**SOUTH FLORIDA**

# Known Cases in Long-term Care

Kaiser Family Foundation  
Florida Department of Health

# COVID-19: Long-Term Care Facilities

**KFF**

Map

Trends

Table

United States

Facilities with  
Known Cases  
31,820

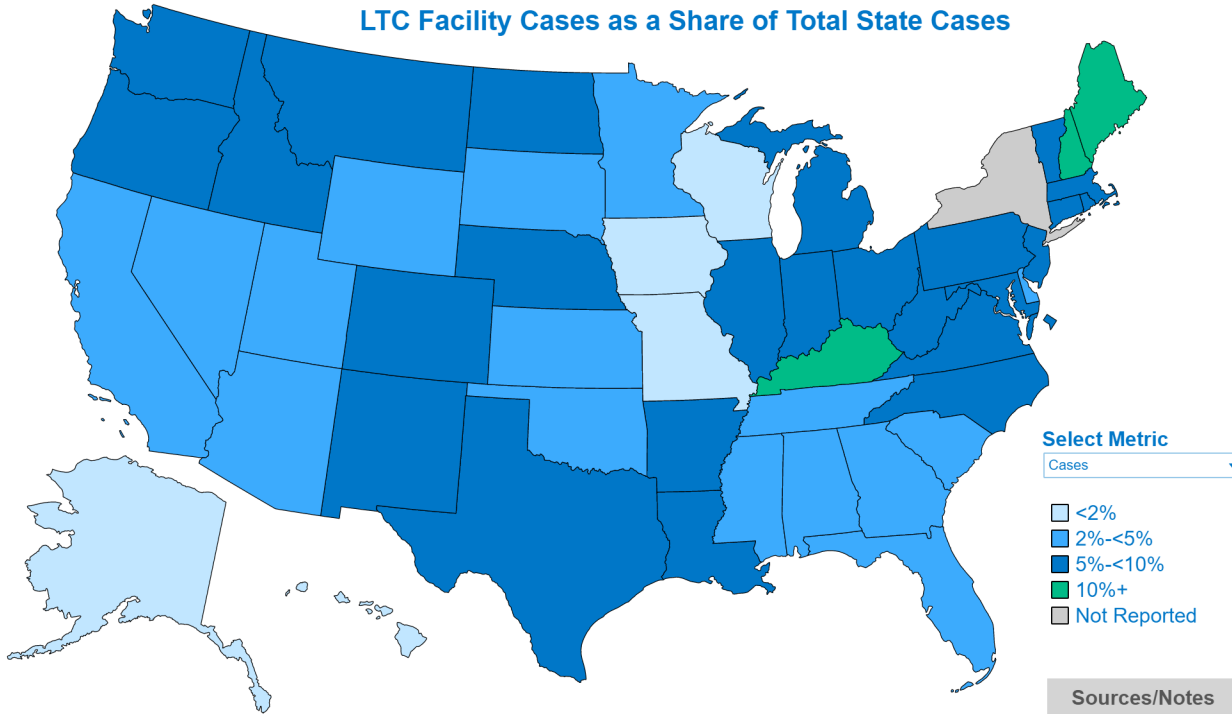
Cases  
1,238,599

Deaths  
146,888

LTC Cases  
(% of Total Cases)  
5%

LTC Deaths  
(% of Total Deaths)  
37%

LTC Facility Cases as a Share of Total State Cases



# COVID-19: Long-Term Care Facilities

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Florida

Facilities with  
Known Cases  
2,500

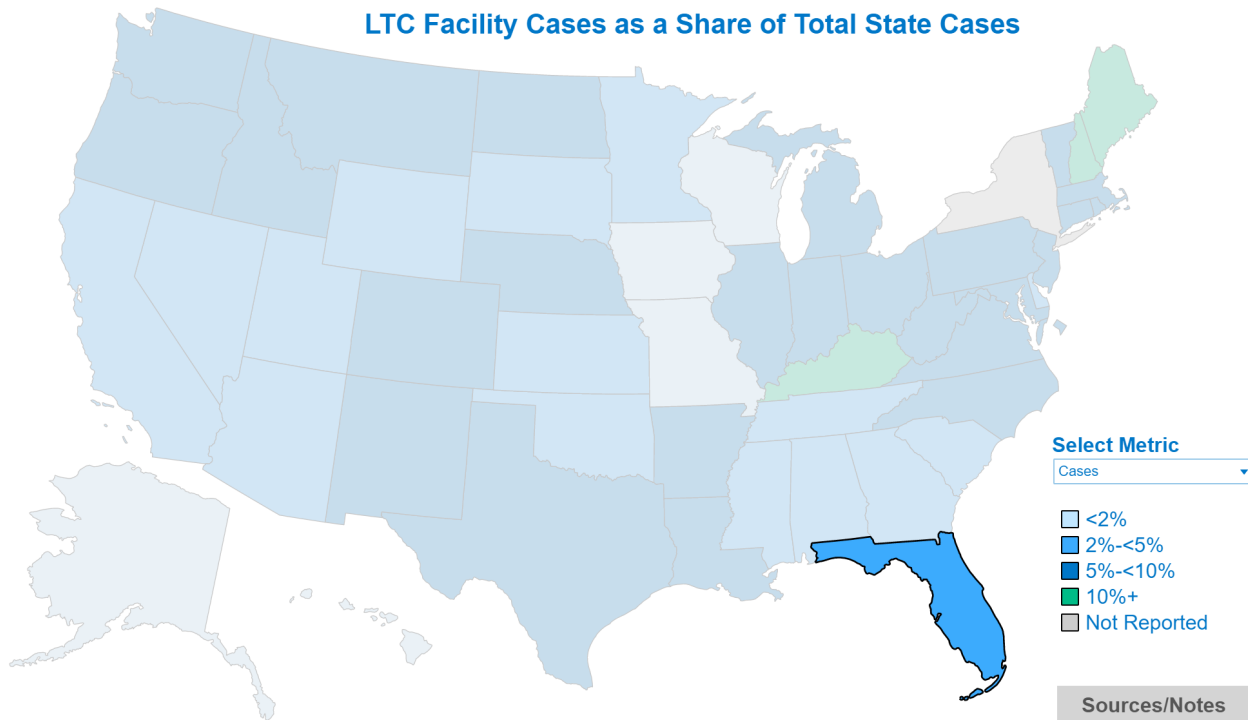
Cases  
72,913

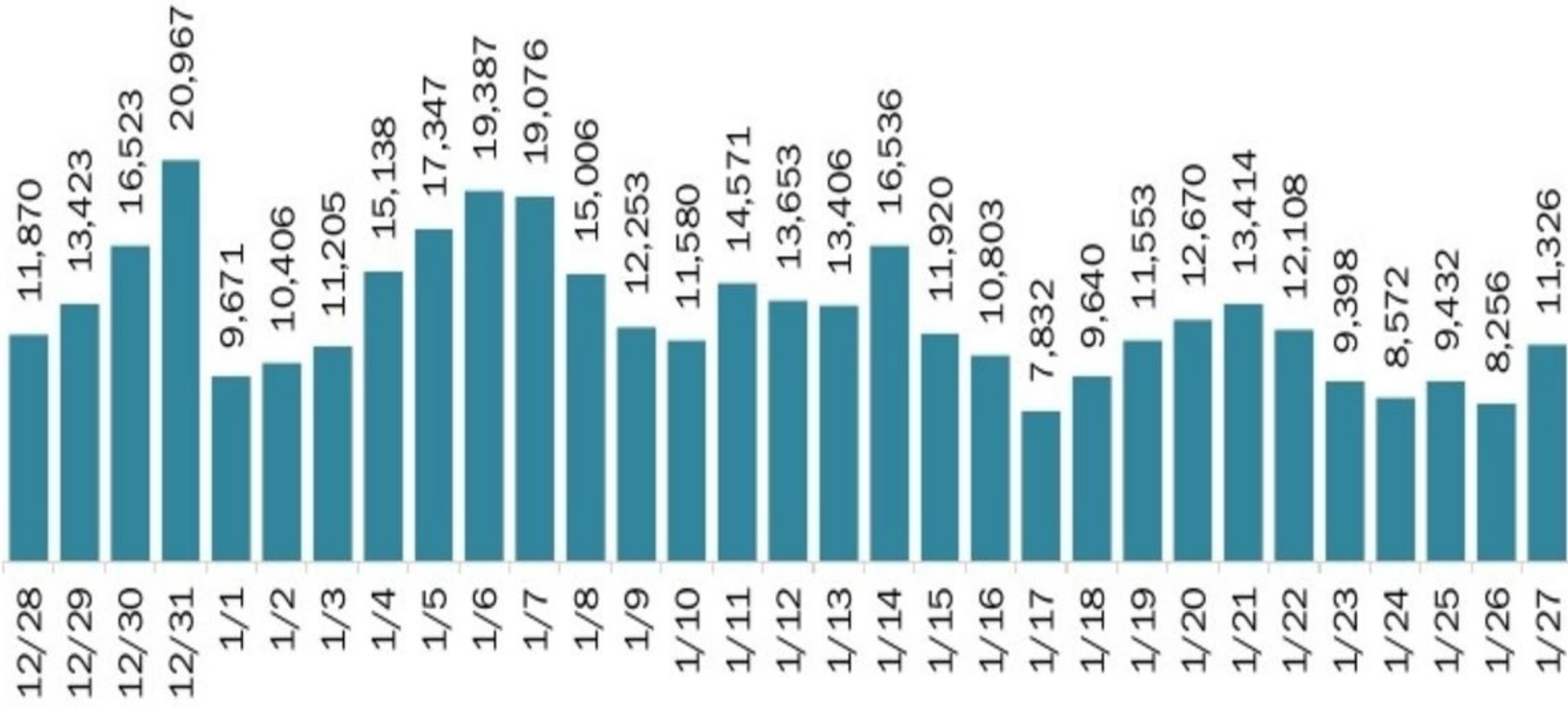
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LTC Facility Cases as a Share of Total State Cases







23.65%

12/28

12/29 9.10%

12/30 12.05%

12/31 11.59%

1/1 10.43%

1/2 12.91%

1/3 12.98%

1/4 13.17%

1/5 12.96%

1/6 11.91%

1/7 11.72%

1/8 11.04%

1/9 10.63%

1/10 10.84%

1/11 10.86%

1/12 10.39%

1/13 8.78%

1/14 10.36%

1/15 8.68%

1/16 9.25%

1/17 9.29%

1/18 9.11%

1/19 10.82%

1/20 8.64%

1/21 12.46%

1/22 6.57%

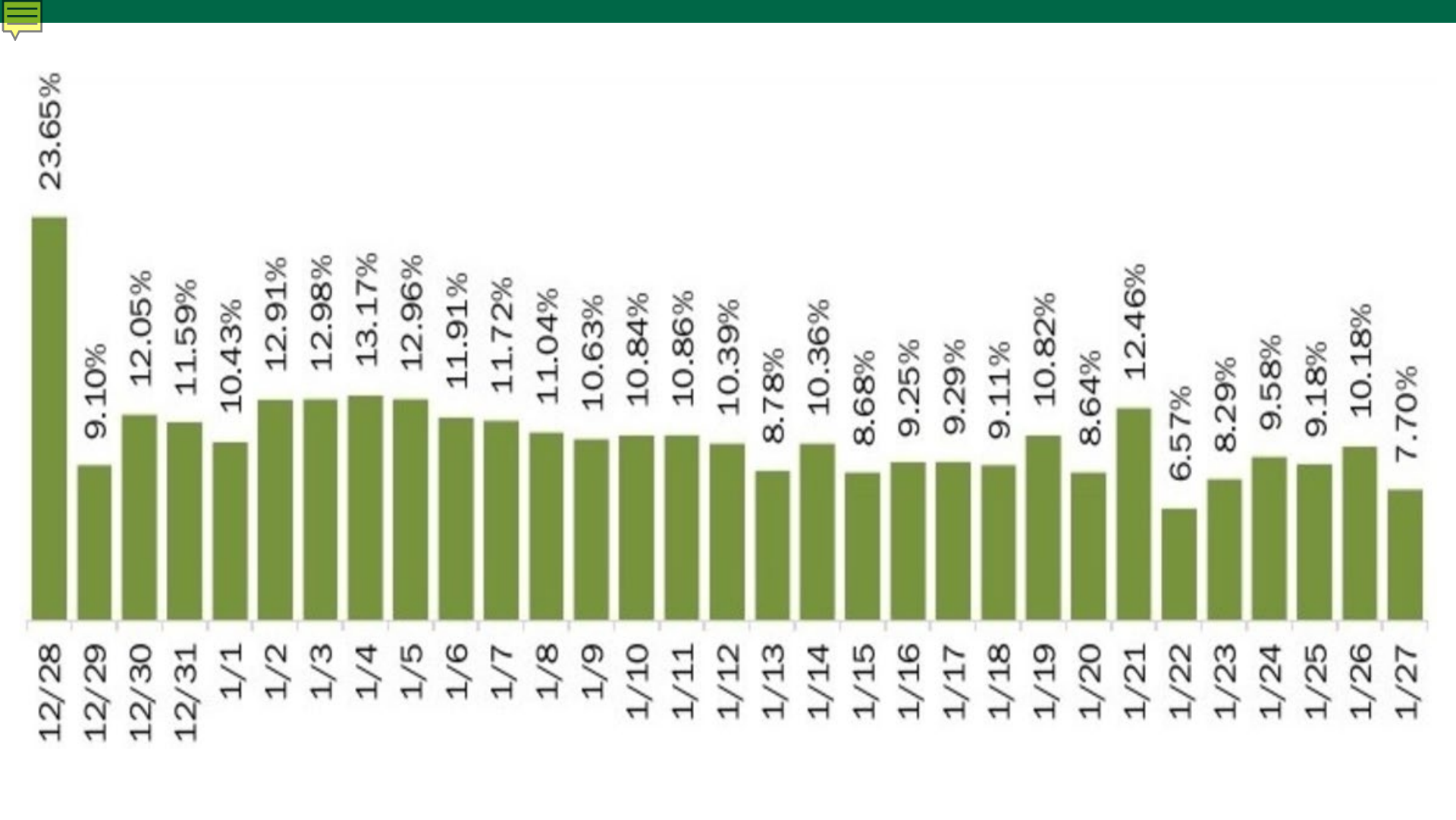
1/23 8.29%

1/24 9.58%

1/25 9.18%

1/26 10.18%

1/27 7.70%

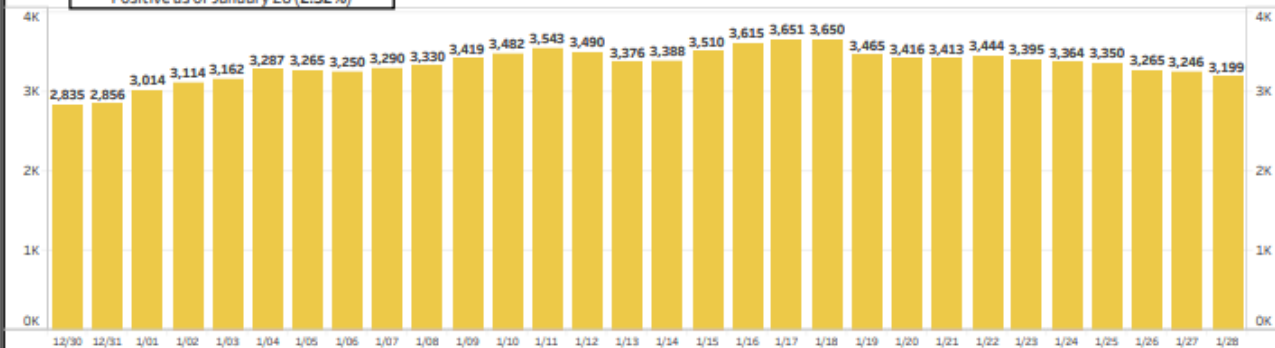


# COVID in LTC

Last Updated: 1/27/2021 4:21:59 PM

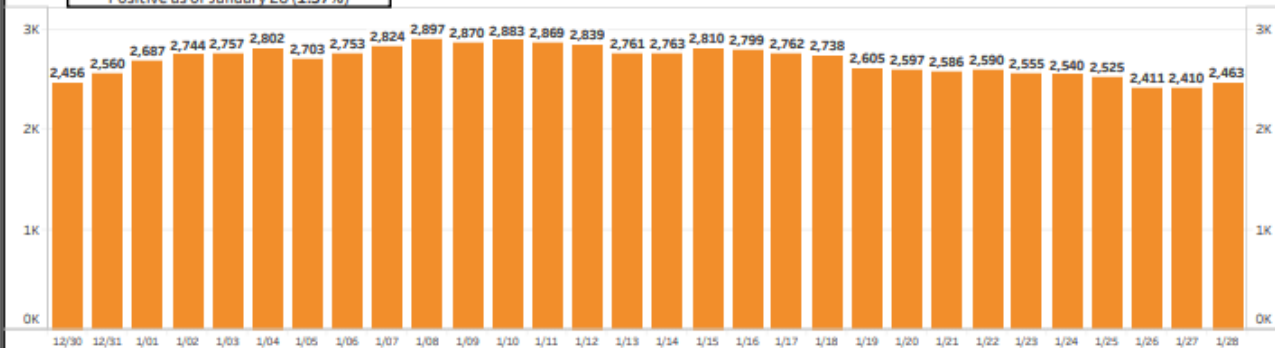
3,199 of 137,956 Total Residents  
Positive as of January 28 (2.32%)

## COVID Positive Residents (SNF & ALF)



2,463 of 179,429 Total Staff  
Positive as of January 28 (1.37%)

## COVID Positive Staff (SNF & ALF)



Data from AHCA ESS (Emergency Status System)

COVID positive residents and staff in Intermediate Care Facilities are not included in the bar chart totals. The data presented are reported by individual facilities and reporting errors may occur.

# Known Deaths in Long-term Care

Kaiser Family Foundation  
Florida Department of Health



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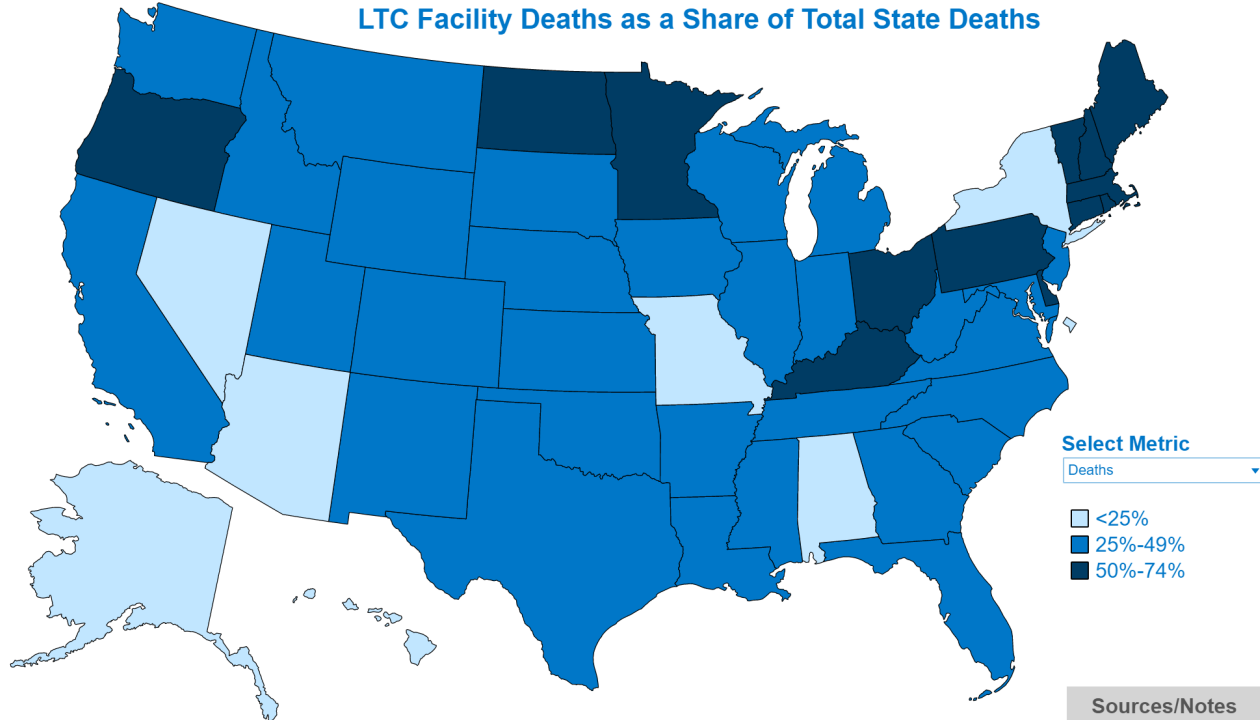
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LTC Facility Deaths as a Share of Total State Deaths



Sources/Notes

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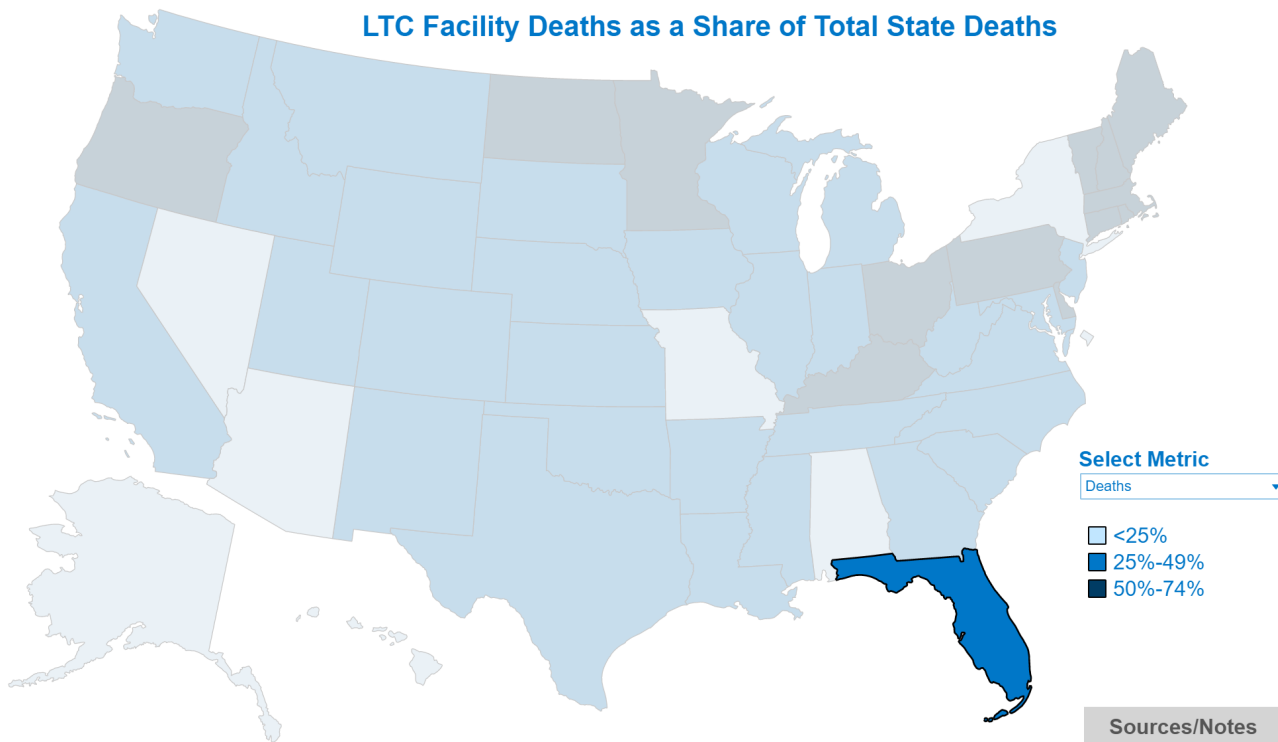
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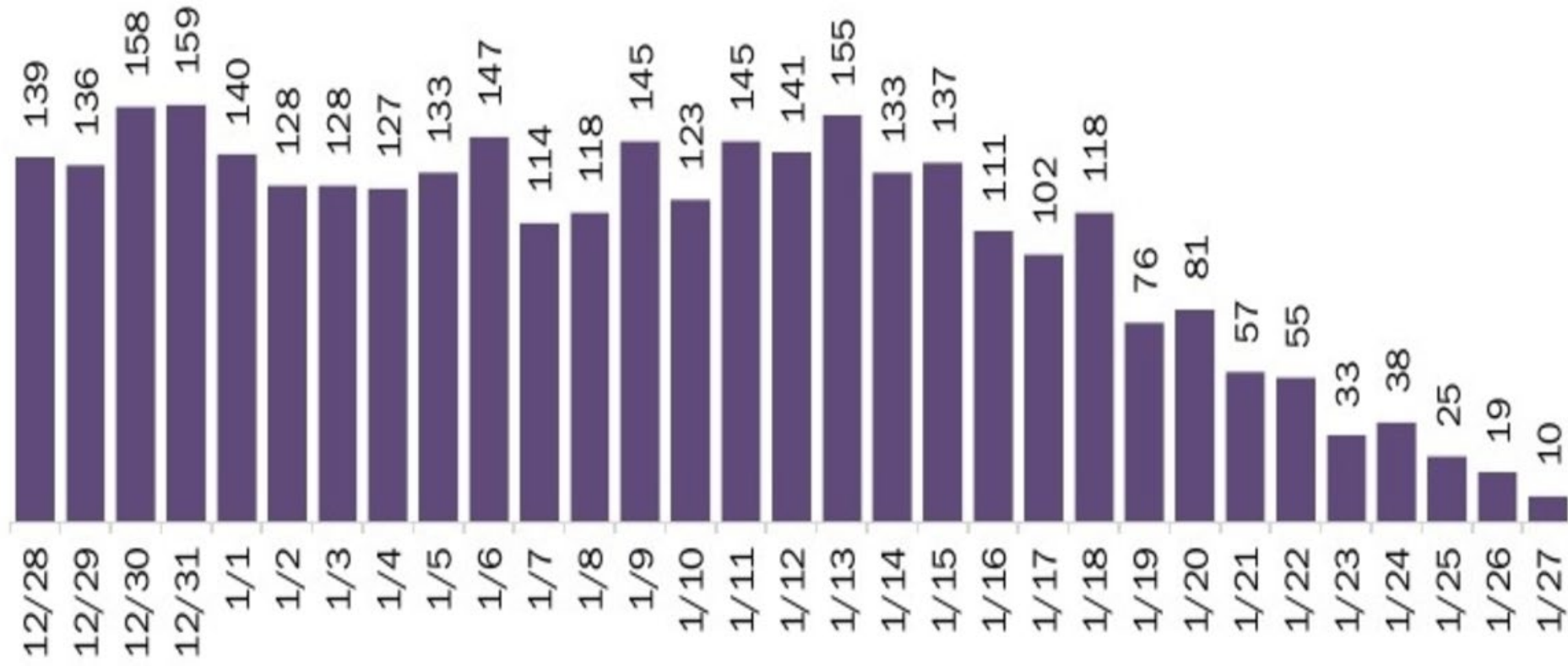
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LTC Facility Deaths as a Share of Total State Deaths







## Long-term Care Facility Deaths

- **Outlier:** Hialeah Nursing and Rehabilitation Center in Dade County: 74 total deaths – all residents

Total Deaths	Number of Facilities	Percentage of Total Facilities
0	410	22%
1	359	20%
2	202	11%
3	124	7%
4	111	6%
5	70	4%
6 – 10	221	12%
11 – 20	251	14%
>20	77	4%
<b>Total:</b>	<b>1,825</b>	<b>100%</b>

# COVID-19 Vaccine

Florida Department of Health  
Tampa Bay Times  
The Wall Street Journal

# COVID-19 Vaccine Summary

## COVID-19 doses administered in Florida

<b>Doses administered</b>	<b>1,814,482</b>
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Total number of doses of the COVID-19 vaccine that have been administered in Florida.

## Persons vaccinated for COVID-19 in Florida

<b>Total people vaccinated</b>	<b>1,567,152</b>
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First dose	<b>1,319,822</b>
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Series completed	<b>247,330</b>
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**First dose:** received their first dose of the COVID-19 vaccine.

**Series complete:** received all recommended doses of the COVID-19 vaccine to be considered fully immunized.

# Demographic Summary

Demographic summary	First dose	Series complete	Total people vaccinated
<b>Age group</b>	<b>1,319,822</b>	<b>247,330</b>	<b>1,567,152</b>
16-24 years	16,775	6,135	22,910
25-34 years	46,952	33,105	80,057
35-44 years	58,228	39,548	97,776
45-54 years	71,945	43,557	115,502
55-64 years	99,008	46,851	145,859
65-74 years	570,720	42,024	612,744
75-84 years	327,460	21,950	349,410
85+ years	128,734	14,160	142,894
<b>Race</b>	<b>1,319,822</b>	<b>247,330</b>	<b>1,567,152</b>
American Indian/Alaskan	4,595	717	5,312
Black	61,731	14,032	75,763
Other	176,872	62,703	239,575
Unknown	229,075	28,864	257,939
White	847,549	141,014	988,563
<b>Other race</b> includes Asian, native Hawaiian/Pacific Islander, or other.			
<b>Ethnicity</b>	<b>1,319,822</b>	<b>247,330</b>	<b>1,567,152</b>
Hispanic	104,878	25,070	129,948
Non-Hispanic	614,800	115,481	730,281
Unknown	600,144	106,779	706,923
<b>Gender</b>	<b>1,319,822</b>	<b>247,330</b>	<b>1,567,152</b>
Female	758,821	151,017	909,838
Male	553,931	95,738	649,669
Unknown	7,070	575	7,645

# COVID-19 Vaccine News

- [Tampa Bay Times](#)

## Tampa Bay assisted-living facilities see cases rise. Where's the vaccine?

Fewer than half of the facilities have received coronavirus vaccines while doses go out to the larger population.



Gail Unold, 75, wears a bandage after receiving her first dose of the Pfizer-BioNTech vaccine in December at Gulf Shore Care Center in Pinellas Park. [ MARTHA ASENCIO RHINE | Times ]

By [Bailey LeFever](#)

Published Jan. 22

Updated Jan. 22



# COVID-19 Vaccine News

- [The Wall Street Journal](#)

## Covid-19 Cases Decline in Nursing Homes, Offering Hopeful Sign for Vaccines

Latest drop-off may be an early signal that the shots are working, say industry officials



Residents of a Sequoia Living facility in Portola Valley, Calif., waited to receive Covid-19 vaccinations in mid-January.

PHOTO: RACHEL BUJALSKI FOR THE WALL STREET JOURNAL

By [\*Anna Wilde Mathews\*](#), [\*Jon Kamp\*](#) and [\*Tom McGinty\*](#)

Updated Jan. 29, 2021 3:04 pm ET



# **COVID-19 Recommendations for Research from The Gerontological Society of America COVID-19 Task Force**

**Barbara Resnick, Sheryl Zimmerman, and The GSA COVID-19 Task Force**

# 1. Health care practices and decision-making, and related outcomes

- a) Decision-making practices across different levels of care and oversight
  - a) Individual level (e.g., related to social distancing, advance care planning)
  - b) Societal/governmental, including ethical decision-making for different populations (e.g., allocation of scarce resources)
- b) Amount and type of personal protective equipment (PPE) for staff and residents in long-term care settings
- c) Isolation (including during hospitalization) and cohorting (in long-term care settings)
- d) Telehealth, including teletherapy and teledentistry
  - a) Types, barriers and facilitators, outcomes (e.g., detection and management of clinical problems)
  - b) Stakeholder attitudes
- e) Impact of COVID-19 on health care receipt in other areas and related outcomes (e.g., less preventive care, exacerbation of chronic conditions)
- f) Preparedness for subsequent waves of COVID-19
- g) Sustainability of new care practices

## 2. Effects of social distancing, and related risk and protective factors (e.g., resilience, spirituality)

- a) Change in cognition and related behaviors
- b) Mood, social engagement, mental health, and well-being (e.g. due to social isolation, less productivity)
- c) Change in daily activities and physical function, and related outcomes (e.g., falls, infections)
- d) Nutrition and nutritional status (e.g., weight loss, weight gain)
- e) Change in sleep behaviors
- f) Sensory change (e.g., vision/hearing)

### **3. Care for psychosocial well-being (including grief), and related challenges and outcomes (e.g. mood, quality of life)**

- a) Use of technology (e.g., types, barriers and facilitators, access)
- b) In-person interactions
- c) Special activities (e.g., events seen from windows)
- d) Involvement of pets

## 4. Impact on families

- a) Effects on family members (e.g., stress, guilt related to decision making and outcomes)
- b) Changes in intergenerational and other relationships

**5. Impact on professional and paraprofessional health care providers (e.g. nurses, nursing assistants)**

- a) Health care provider experiences and reactions
- b) Health care provider outcomes (e.g., staff absenteeism, turnover)



## 6. Economic security and older workers

- a) Consequences of job loss on health, well-being, and health coverage
- b) Decision-making related to work and financial well-being



## **7. Considerations for different populations (e.g. access, needs, economic impact, models of care)**

- a) Setting based (e.g., long-term care, community organizations, prisons, persons living alone)
- b) Persons with dementia
- c) Veterans
- d) Different races, ethnicities, socioeconomic backgrounds
- e) HIV, immunocompromised
- f) Disparities at the intersection of age, gender, and race

## 8. Care for COVID-19 positive older adults

- a) Of hospitalized long-term care residents and others (description and survival rates)
- b) Of non-hospitalized older adults (description and survival rates)
- c) Of those with chronic and co-morbid conditions (e.g. dialysis, receiving chemotherapy)

**9. Pharmacologic treatments (e.g., anti-virals, modulation of inflammatory response)**

- a) Vaccine development and effectiveness compared to younger adults
- b) Interventions to rejuvenate immune function
- c) Relationship of age to viral replication, response to infection
- d) Improving vaccine responsiveness to novel antigens in older adults

## 10. Attitudes

- a) Perceptions of older adults themselves, including source of influence (e.g., wearing a mask and media)
- b) Societal ageism
- c) Societal stigma (e.g., to Asians)

## 11. Policies related to COVID-19

- a) Intersection of policies with age, health, SES, and race
- b) Responsiveness by government
- c) Preparedness for co-occurring disasters (e.g., hurricane)
- d) International comparisons

## 12. Research methods

- a) Innovative approaches to recruitment
- b) Sustaining research in the post-COVID-19 era
- c) Harmonizing existing data to facilitate larger scope analyses, including of risk factors and outcomes

# References

- Kaiser Family Foundation (2021, January 28). *State COVID-19 Data and Policy Actions*. <https://www.kff.org/coronavirus-covid-19/issue-brief/state-covid-19-data-and-policy-actions/#longtermcare>
- Florida Department of Health (2021, January 28). *Current Situation in Florida*. <https://floridahealthcovid19.gov/#latest-stats>
- Resnick, B., & Zimmerman, S. (2021). COVID-19 Recommendations for Research from The Gerontological Society of America COVID-19 Task Force. *The Gerontologist*.

# Florida Department of Health

1. Florida Department of Health Website

2. Dashboard