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 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.

<table>
<thead>
<tr>
<th>Case data</th>
<th>Previous week</th>
<th>Cumulative</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>19,519</td>
<td>3,620,562</td>
</tr>
<tr>
<td>New case positivity</td>
<td>3.8%</td>
<td>21.1%</td>
</tr>
<tr>
<td>Deaths</td>
<td>123</td>
<td>57,859</td>
</tr>
</tbody>
</table>

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

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

See additional notes at the end of this report for information on positivity rate, deaths, and vaccination status.
### Total Vaccine Doses
- Delivered: 495,844,635
- Administered: 409,438,987

Learn more about the distribution of vaccines.

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**189.5M**
People fully vaccinated

**10.9M**
People received a booster dose**

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<table>
<thead>
<tr>
<th>Vaccinated People</th>
<th>At Least One Dose</th>
<th>Fully Vaccinated</th>
<th>Booster Dose</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Count</td>
<td>Percent of US Population</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>219,161,368</td>
<td>66%</td>
<td></td>
</tr>
<tr>
<td>Population ≥ 12 Years of Age</td>
<td>218,926,834</td>
<td>77.2%</td>
<td></td>
</tr>
<tr>
<td>Population ≥ 18 Years of Age</td>
<td>204,111,127</td>
<td>79%</td>
<td></td>
</tr>
<tr>
<td>Population ≥ 65 Years of Age</td>
<td>52,412,851</td>
<td>95.8%</td>
<td></td>
</tr>
</tbody>
</table>

*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.

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About these data
<table>
<thead>
<tr>
<th></th>
<th>At Least One Dose</th>
<th>Fully Vaccinated</th>
<th>Booster Dose</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Count</td>
<td>Percent of US Population</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>189,487,793</td>
<td>57.1%</td>
</tr>
<tr>
<td>Population ≥ 12 Years of Age</td>
<td></td>
<td>189,354,496</td>
<td>66.8%</td>
</tr>
<tr>
<td>Population ≥ 18 Years of Age</td>
<td></td>
<td>177,063,796</td>
<td>68.6%</td>
</tr>
<tr>
<td>Population ≥ 65 Years of Age</td>
<td></td>
<td>46,175,620</td>
<td>84.4%</td>
</tr>
</tbody>
</table>

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Learn more about the distribution of vaccines.
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

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

Date: 10/18/2021
Source: CDC Aggregate County Data, CDC State-Reported Data ( Territories)
New Confirmed Hospital Admissions per 100K (7-day average)
Data as of 10/18/2021

Data Unavailable due to Minimal Reporting

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

3/2020 – 10/2021
Total Confirmed COVID-19 Hospital Admissions in Last 7 Days
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.

3/2020 – 10/2021
Mortality rates over last 7 days
All the Ups and some of the Downs

Clinical Updates & Headlines
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
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.
Staffing shortages force long-term care facilities to limit admissions, hire agency workers

by Dave Muoio | Sep 22, 2021 3:50pm
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
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
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 multipartisan therapy, higher overall fee-for-service reimbursement
Thinking Beyond COVID
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

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

Bridget M. Kuehn, MSJ

Global Health

October 19, 2021

WHO: Need for Global Dementia Care Planning Is Urgent

Bridget M. Kuehn, MSJ

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.
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

We hope to see you all there! Please visit BestCarePractices.org for updates!