

Vaccinations in Nursing Homes

Ana Montoya, MD, MPH

Associate Professor of Internal Medicine

Division of Geriatric and Palliative Medicine

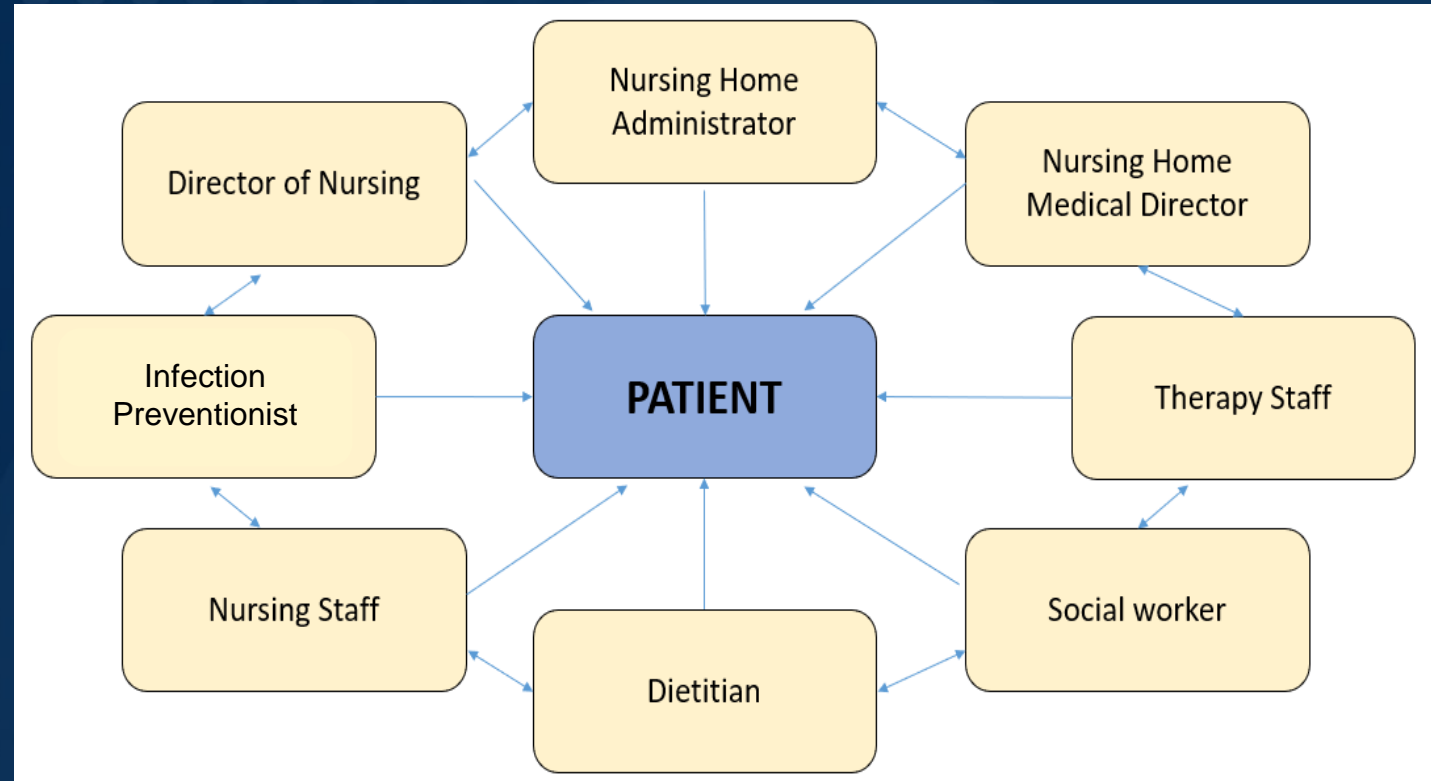
University of Michigan



**INSTITUTE FOR
HEALTHCARE POLICY
& INNOVATION**
UNIVERSITY OF MICHIGAN

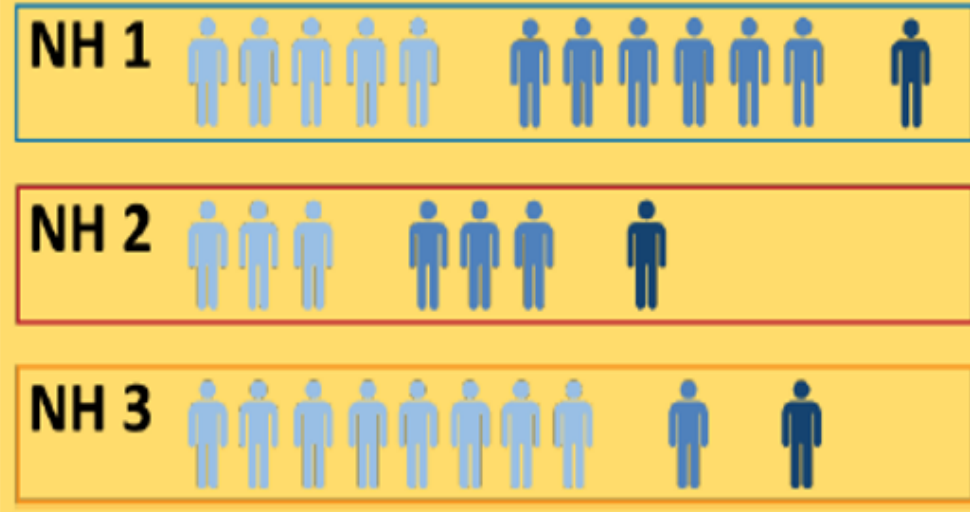
Nursing Homes 101




- High density of residents
- High numbers of staff and visitors accessing the building
- Frequent staff movement between multiple resident rooms
- High-traffic common areas
 - Dining rooms
 - Living rooms
 - Therapy gym
 - Activities areas

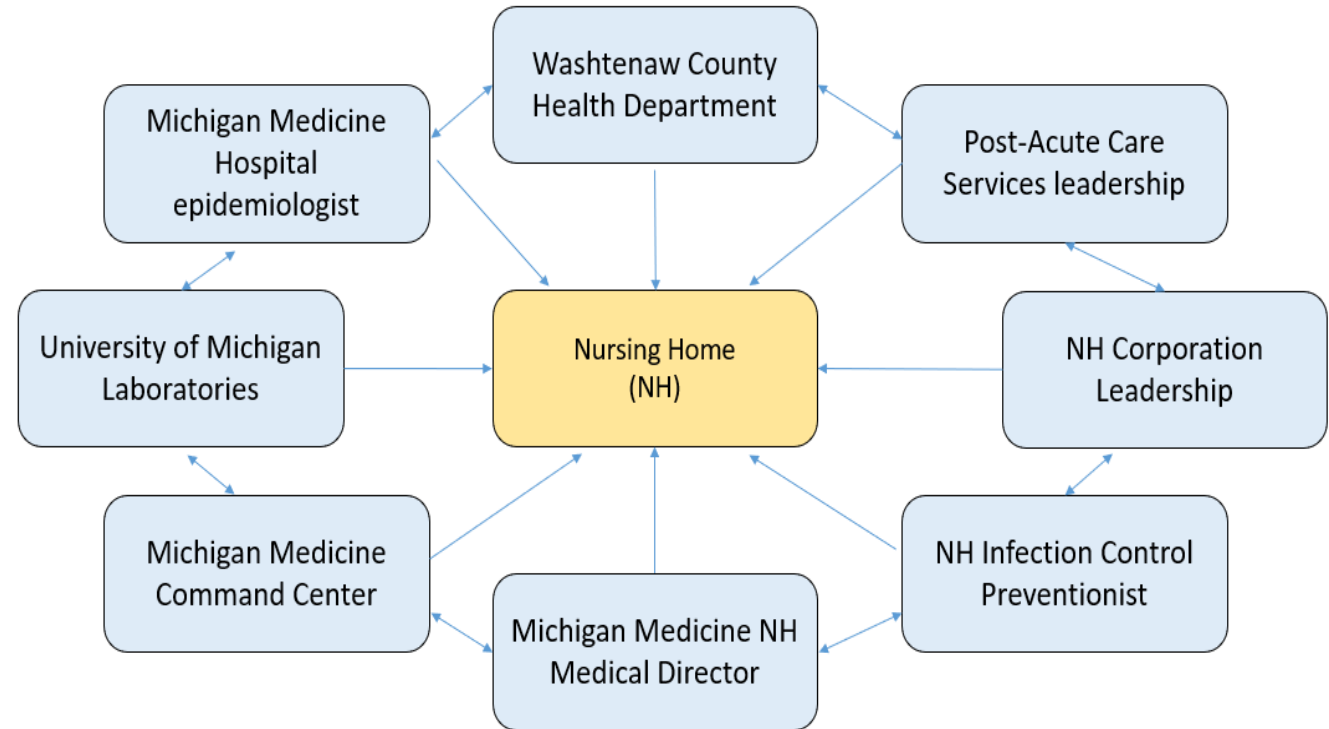


Early COVID-19 Response: Partnership & Collaboration Enabled Testing and Transmission Prevention

Total number of COVID-19 cases = 29



-  16 symptomatic cases
-  10 asymptomatic cases found through facility-wide testing
-  3 symptomatic cases found after facility-wide testing



Vaccination Challenges in Nursing Homes



Vaccine fatigue



Inaccurate health information



Vaccine hesitancy



Lack of updated infection control policies



Difficulty with process implementation



Staff shortage and turnover



Limited vaccine availability



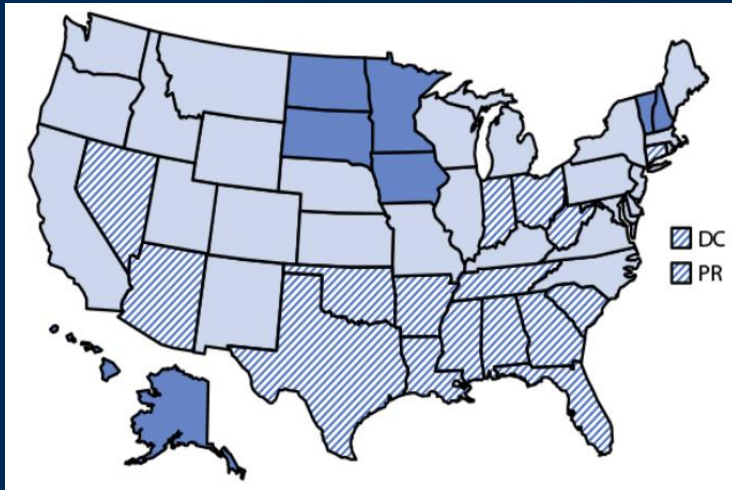
Poor coordination with other entities



Proportion of vaccinated nursing home residents as of December 2023

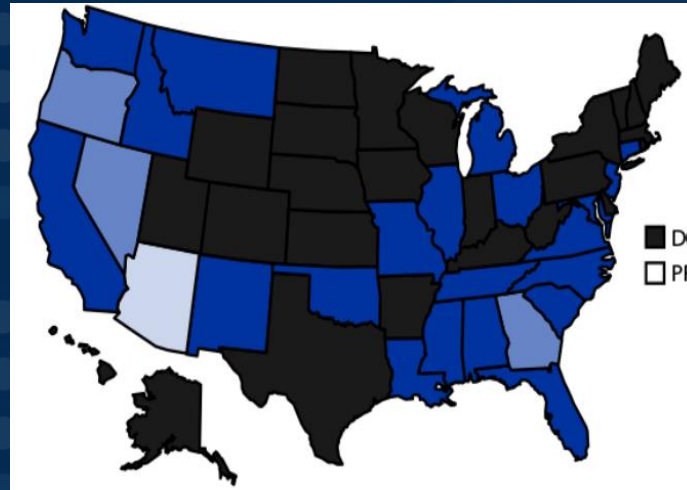
Updated COVID-19

33%



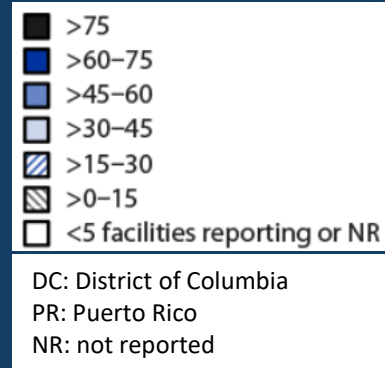
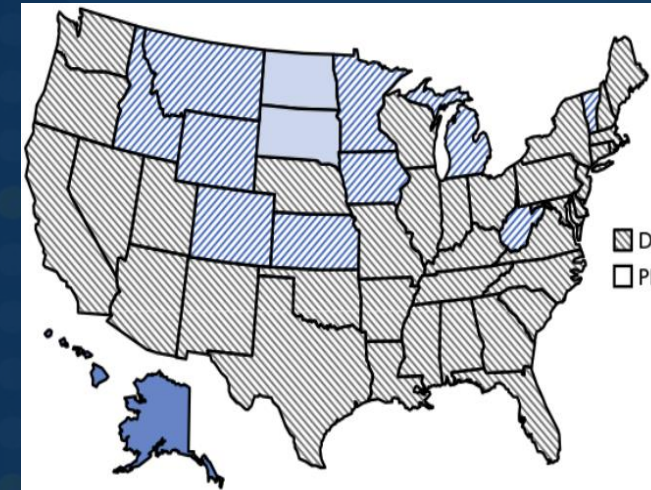
Influenza

72%



Respiratory syncytial virus

10%



INSTITUTE FOR
HEALTHCARE POLICY & INNOVATION
UNIVERSITY OF MICHIGAN

Reses HE, Dubendris H, Haas L, et al. Coverage with Influenza, Respiratory Syncytial Virus, and Updated COVID-19 Vaccines Among Nursing Home Residents — National Healthcare Safety Network, United States, December 2023. MMWR Morb Mortal Wkly Rep 2023;72:1371–1376.

Current COVID-19 hospitalizations & deaths

- Since October 2023:
 - People 75+: 46% of hospitalizations for COVID
 - People 65+: 67% of hospitalizations for COVID
- From October 2022 - November 2023:
 - 25% of adults 75+ who were hospitalized for COVID were long-term nursing home residents
 - 28% of adults 65+ who died of COVID in hospital were long-term nursing home residents
- **New recommendation: Additional updated COVID-19 vaccine dose for adults 65+**

Source: CDC ACIP meeting presentations, Feb. 27, 2024



How can we improve vaccination in nursing homes?



Provide staff and resident education



Improve nursing home staffing



Update and disseminate infection control policies



Provide guidance and assistance on process implementation



Increase vaccine availability



Facilitate partnership and coordination with healthcare systems, local and state health departments, and pharmacies



Thank you



INSTITUTE FOR
HEALTHCARE POLICY & INNOVATION
UNIVERSITY OF MICHIGAN