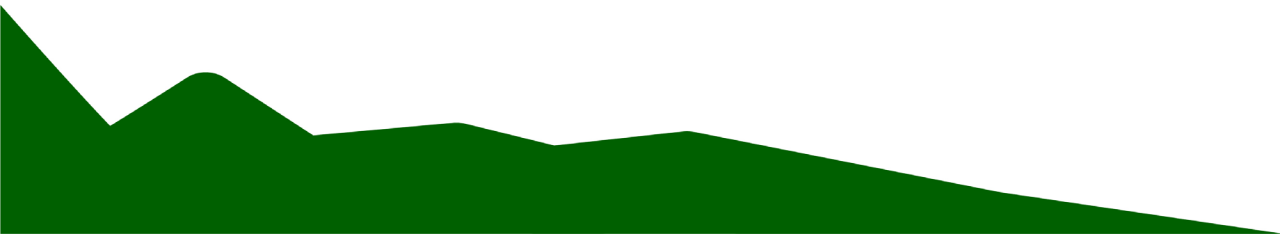


# NHSN Reporting Requirements for LTCFs

Tom Vincent, Data Analyst Mountain-Pacific Quality Health

Erika Baldry, MPH, CIC, HAI Program Coordinator/Epidemiologist



# NHSN Long-term Care Facility Types

- Skilled Nursing Facilities
- Assisted Living Facilities and Residential Care Facilities
- Intermediate Care Facilities for Individuals with Intellectual Disabilities

# Why Report through NHSN?

- NHSN provides a single, standardized reporting system that:
  - All nursing homes can use
  - Capable to share the data with state and local health departments
  - Can share the data with HHS and CMS

# LTCF COVID-19 Module

Three Components for COVID-19 Data Collection:

- Surveillance Pathways Component
- COVID-19 Point of Care (POC) Test Reporting Tool
- COVID -19 Vaccinations Component

# LTCF COVID-19 Module: 5 Surveillance Pathways

## Resident Impact and Facility Capacity

- Admissions
- Newly Positive Tests
- Test Type
- Re-infections
- Deaths
- Influenza
- Respiratory Illness
- Co-infections
- COVID-19 viral testing
- Testing resources

## Staff and Personnel Impact

- Newly Positive Tests
- Test Type
- Re-infections
- COVID-19 Deaths
- Influenza
- Respiratory Illness
- Co-Infections
- Staffing Shortages

## Supplies & Personal Protective Equipment (PPE)

- PPE supply availability
- Alcohol-based hand rub

## Ventilator Capacity and Supplies

- Ventilator Availability
- Use by COVID-19 residents
- Supply availability

## Therapeutics

- Residents Treated
- In-house stock

# Reporting for Surveillance Pathway Data Reporting

- Report in each pathway at least once per week
- Report only NEW Counts since the last time counts were reported to NHSN
- Report new counts on the correct date for reporting week when possible
- Facilities reporting to NHSN still need to follow state and local public health reporting requirements

# Ways to Report to NHSN

- Manually
  - Enter counts collected in the data collection forms into NHSN for each pathway
- CSV Upload
  - Data collected in CSV formatted templates can be uploaded into NHSN for each pathway

# COVID-19 Point-of-Care (POC) Test Reporting

- Testing that is performed near or at the site of a patient with the result leading to a possible change in the care of the patient.
- Is usually performed by non-laboratory trained individuals such as nurses, physicians, nursing assistants, and anesthesia assistants
- Generally has a faster turn-around time for results
- Often requires less sample volume than tests performed in the laboratory



# Coronavirus Aid, Relief, and Economic Security (CARES) Act

- Requires reporting
  - Within 24 hours of results
  - The results of each test to detect or diagnose a possible case of COVID-19 by the laboratory (testing location)
  - To Secretary of Department of Health and Human Services (DPHHS)
- “...data should be sent to state or local public health departments using existing reporting channels (in accordance with state law or policies) to ensure rapid initiation of case investigations by those departments...”

# Ways to Report to NHSN

- Manual Reporting
  - Single Page application
  - Required data elements is limited to those identified in the CARES Act and/or needed by state and local health departments
  - Drop down lists for some elements
  - Options are specific for the test device used
  - Auto-population for some data fields
- DIRECT upload of POC Test Results
  - NHSN DIRECT – a means to securely receive electronic data from healthcare information systems via a Health Information Service Provider (HISP)
    - Requires a DIRECT address (<https://www.cdc.gov/nhsn/cdaportal/importingdata.html>)
    - Is not the same as creating a CSV file and importing it
    - Templates and file layouts for DIRECT upload are located at <https://www.cdc.gov/nhsn/ltc/covid19/index.html>

# Rapid Point of Care Testing (POC) Reporting

- Per federal rule under the CARES act, all positive and negative rapid antigen results are reportable to the state health department
- As the performing laboratory, you are the responsible party for reporting
- Two ways to report to MT DPHHS:
  - NHSN
    - The **Point-of-Care (POC) Test Reporting Tool** is a separate reporting option for LTCFs to report SARS-CoV-2 test results provided by a POC device. NHSN routes reported POC laboratory test result data to the public health agency at the local or state level with jurisdictional authority and responsibility for receiving those data. Important: the reporting of POC test result data in this tool **does not take the place of answering POC related questions** in the Resident Impact and Facility Capacity surveillance reporting pathway.
  - Formstack link
    - Only for MT facilities
    - Contact Erika Baldry at [Erika.Baldry@mt.gov](mailto:Erika.Baldry@mt.gov) if you need this link

# Reporting Weekly Cumulative COVID-19 Vaccination Data

- Cumulative versus Incident Vaccination
  - Cumulative vaccination data are the total number of individuals who have ever received COVID-19 vaccine since it became available in December 2020
- Incident vaccination data are the number of new individuals who received COVID-19 vaccine in a specific week
  - Incident vaccination data are not used for reporting COVID vaccination data in NHSN!

# Reporting Cumulative Vaccination Data

- The Cumulative vaccine data are reported in Question #2 of the NHSN COVID-19 Vaccine Modules:
  - #2 - Cumulative number of individuals in Question #1 who have received COVID-19 vaccine(s) at this facility or elsewhere.
  - So, the cumulative number of individuals are ALL those who have been vaccinated and NOT just those vaccinated during the reporting week.

# Cumulative Vaccination Data: Example

- 1<sup>st</sup> week: 5 individuals receive dose 1 of Moderna COVID-19 vaccine
  - The cumulative number of individuals who received dose 1 of Moderna COVID-19 vaccine = 5
- 2<sup>nd</sup> week: 5 more individuals receive dose 1 of Moderna COVID-19 vaccine
  - The cumulative number of individuals receiving dose 1 of Moderna COVID-19 vaccine = 10

# Detailed example:

- Week 1: 50 individuals in facility: 10 received 1<sup>st</sup> vaccine dose; 5 received 2<sup>nd</sup> vaccine dose

	Week 1	Week 2	Week 3
1. Number of individuals working in or receiving care at the facility for at least 1 day during the week of data collection	50		
2.1. Cumulative number of individuals in question #1 who received <u>only</u> dose 1 of <i>Pfizer-BioNTech</i> COVID-19 vaccine	10		
2.2. Cumulative number of individuals in question #1 who received dose 1 <u>and</u> dose 2 of <i>Pfizer-BioNTech</i> COVID-19 vaccine	5		

# Detailed Example cont:

- Week 1: 50 individuals: 10 received 1<sup>st</sup> vaccine dose; 5 received 2<sup>nd</sup> vaccine dose
- Week 2: 5 more individuals received 1<sup>st</sup> dose

	Week 1	Week 2	Week 3
1. Number of individuals working in or receiving care at the facility for at least 1 day during the week of data collection	50	50	
2.1. Cumulative number of individuals in question #1 who received <u>only</u> dose 1 of <i>Pfizer-BioNTech</i> COVID-19 vaccine	10	(10+5) 15	
2.2. Cumulative number of individuals in question #1 who received dose 1 <u>and</u> dose 2 of <i>Pfizer-BioNTech</i> COVID-19 vaccine	5	5	



# Detailed Example cont:

- Week 1: 50 individuals: 10 received 1<sup>st</sup> vaccine dose; 5 received 2<sup>nd</sup> vaccine dose
- Week 2: 5 more individuals received 1<sup>st</sup> dose
- Week 3: **3** more individuals received 1<sup>st</sup> dose; **10** individuals received 2<sup>nd</sup> dose

	Week 1	Week 2	Week 3
1. Number of individuals working in or receiving care at the facility for at least 1 day during the week of data collection	50	50	50
2.1. Cumulative number of individuals in question #1 who received <u>only</u> dose 1 of <i>Pfizer-BioNTech</i> COVID-19 vaccine	10	15	(15+3-10) 8
<b>2.2. Cumulative number of individuals in question #1 who received dose 1 <u>and</u> dose 2 of <i>Pfizer-BioNTech</i> COVID-19 vaccine</b>	5	5	(5+10) <b>15</b>

# Ways to Report COVID Vaccination Data

- Manually
  - Enter COVID and Influenza Vaccination data that has been collected for residents and healthcare workers directly into the data collection forms.
- CSV Upload
  - Data collected in CSV formatted templates can be uploaded into NHSN for resident and healthcare workers

# Resources

- Resources for reporting to NHSN:  
<https://www.cdc.gov/nhsn/ltc/covid19/index.html>
- POC FAQ document:  
<https://www.cdc.gov/nhsn/pdfs/covid19/ltcf/ltcf-poc-faq-508.pdf>
- Reporting Weekly Cumulative COVID-19 Vaccination Data:  
<https://www.cdc.gov/nhsn/pdfs/hps/covidvax/cumulativeData-ql-508.pdf>