Shop Talk For Data Submission into the NHSN COVID-19 Module

New News & Updates for the Resident and Staff Pathways & Point of Care Testing

December 2020

Presented by:
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Technical Advisor, Infection Prevention
Disclaimer

• I do **not** work for NHSN, SAMS, CDC, or CMS.
• I **am** the technical advisor for infection prevention for Alliant Quality, the QIO for Alabama, Florida, Georgia, Kentucky, Louisiana, North Carolina and Tennessee
Topics:

- November 23rd Updates
- Understanding case definitions
- Data Quality Tips
- Confer Rights to Alliant Quality
- Q & A/ Office Hours /FAQs
Ground Rules

• Please chat to Technical Support if you are having issues with WebEx.
• Put questions in Q & A, not chat.
• Contact either Amy or me after the Webex for one-on-one assistance at Marilee.Johnson@AlliantHealth.org or Amy.Ward@AlliantHealth.org
Skilled Nursing Facilities, Confirmed Resident Cases per 1,000 Resident-Weeks, by CCN, Inferred Data
November 2-December 7

Inferred Data:
For the purpose of best epidemiological understanding, data that fail quality checks or appear inconsistent with surveillance protocols are assigned a value based on their patterns of data-entry or excluded from analysis.
COVID-19 New Cases: General Population & Nursing Homes

New Case Trends: General Population & Nursing Homes Residents (7-day)

- General Population
- Nursing Home Residents

Data Through: Nursing Home - Nov 22, 2020; Community - Dec 2, 2020

Sources: NHSN and Johns Hopkins University

Notes: Nursing Home data shown passed NHSN's Quality Assurance check.

https://www.ahcanecal.org/Data-and-Research/Pages/default.aspx
Shop Talk Shorts YouTube Channel

Welcome to ShopTalk Shorts

https://www.youtube.com/playlist?list=PLXWmxni-xNHspWHhLlrqcLGlzXZPljIF
Keeping Up with NHSN

https://www.cdc.gov/nhsn/ltc/covid19/index.html
Reporting Pathway Updates - Nov. 23rd

Resident Impact and Facility Capacity
- COVID-19 Resident Impact and Facility Capacity Pathway Form (57.144)
- Table of Instructions (57.144)
- Staff and Personnel Impact
- COVID-19 Staff and Personnel Impact Pathway Form (57.145)
- Table of Instructions (57.145)

https://www.cdc.gov/nhsn/ltc/covid19/index.html
Read the Forms Carefully

COVID-19 Module
Long Term Care Facility: Resident Impact and Facility Capacity

Page 1 of 11

NHSN Facility ID: CMS Certification Num: Facility Name: Facility Type: Date for which counts/responses are reported: 2020-11-11

Counts should be reported on the correct calendar day and include only the new counts (specifically, since counts were last collected). If the count is zero, a "0" must be entered in the response. NO-NAT-questions should be answered in the response. If the count is zero, a "0" must be entered as equivalent to missing data. "N/A" questions should be answered in the response. If the count is zero, a "0" must be entered in the response. No-NAT-questions should be answered in the response. If the count is zero, a "0" must be entered in the response.

Facility Capacity

ALL SRS survey is one survey only, unless the total bed count and current census total number of beds that are occupied on the

Resident Impact for COVID-19 (SARS-CoV-2)

ASSESSMENT: Number of residents admitted or readmitted from another L.I.S. diagnosed with COVID-19 and continue to require transmission-based precautions to prevent COVID-19 infection.

POSITIVE TESTS (previously called "Confirmed"): Number of residents vaccinated at least once.

TEST TYPE: Of the number of reported residents above with a test result of positive or unknown result:

* Only include the two tests performed within 2 days of each other.

POSITIVE TESTS at least once: Of the number of residents vaccinated at least once, was哇 reported to the facility.

SYMPTOMATIC: Of the number of residents with test results reported as positive, were they symptomatic?

FACTORS: Of the number of residents with test results reported as positive, were they vaccinated at least once?

CASE Definition for COVID-19 (SARS-CoV-2)

MORBIDITY MEASURES:

Case Definition: A resident is considered to have COVID-19 if they have a positive test result for COVID-19. A positive test result is defined as a positive result on any type of diagnostic test for COVID-19, including PCR, antigen, or antibody testing.

B. Probable Case:

Probable Case Definition: A resident is considered to have a probable case of COVID-19 if they have a positive test result for COVID-19. A positive test result is defined as a positive result on any type of diagnostic test for COVID-19, including PCR, antigen, or antibody testing.

C. Suspected Case:

Suspected Case Definition: A resident is considered to have a suspected case of COVID-19 if they have a positive test result for COVID-19. A positive test result is defined as a positive result on any type of diagnostic test for COVID-19, including PCR, antigen, or antibody testing.

D. Isolation:

Isolation Definition: A resident is considered to be isolated if they are being isolated for COVID-19. Isolation is defined as the separation of a resident from other residents who are not infected with COVID-19. Isolation is typically accomplished through the use of physical barriers, such as a separate room or unit, and the provision of personal protective equipment (PPE) to personnel who are providing care to the resident.

E. Contact Tracing:

Contact Tracing Definition: A resident is considered to be in contact tracing for COVID-19 if they have been exposed to a resident who has a confirmed case of COVID-19. Contact tracing is typically accomplished through the use of electronic surveillance systems that track the location and movements of residents and staff. Contact tracing is used to identify and isolate residents who may be at risk of contracting COVID-19.
Modification Details

1. **Suspected** removed as a data field and no longer a reporting option.
2. **Confirmed** data field name changed to **Positive Tests**. Variable name change only.
   - Must continue to report newly positive SARS-CoV-2 (COVID-19) viral test result from an antigen or PCR test performed regardless of test results from additional viral testing.
   - Pathway reporting is required even if reporting point-of-care test results to NHSN (POCT positive results are reported in 2 places)
3. **Test Type** added as a sub-set of **Positive Tests**. To capture COVID-19 viral test method(s) used.
4. **Re-Infections** added as a sub-set of **Positive Tests**. Defined as a new positive COVID-19 viral test result performed more than 90 days after an initial COVID-19 infection. **Symptomatic** added to capture the number of reported Re-Infections with signs and/or symptoms consistent with COVID-19 and positive viral test
5. **Asymptomatic** added to capture the number of reported Re-Infections without signs and positive viral test
6. **Test Type** must total to equal the number of reported *Positive Tests*

7. **Symptomatic + Asymptomatic** must total to equal the number of reported *Re-Infections*
   - **Add 0 if the count is zero**
More Modifications

Non-COVID-19 (SARS-CoV-2) Respiratory Illness

8. **INFLUENZA**: Number of Residents with new influenza (flu). Include lab positive only

9. **RESPIRATORY ILLNESS**: Number of Residents with new onset of respiratory illness symptoms, excluding positive lab tests COVID-19 and/or influenza (flu). Examples new cough, congestion, decrease in oxygen saturation.

Co-Infections

10. **INFLUENZA and COVID-19**: Number of residents with a confirmed co-infection with influenza (flu) and SARS-CoV-2 (COVID-19). Positive lab tests.
POC/ Non-POC Counts

IN-HOUSE, POINT-OF-CARE COVID-19 TESTING

Does the LTCF have an in-house point-of-care test machine (capability to perform COVID-19 testing within your facility)?

N- No

Since the last date of data entry in the Module, how many COVID-19 point-of-care tests has the LTCF performed on residents?

Since the last date of data entry in the Module, how many COVID-19 point-of-care tests has the LTCF performed on staff and/or facility personnel?

Based on this week’s inventory, do you have enough supplies to test all staff and/or facility personnel for COVID-19 using the point of care test machine?

SARS-CoV-2 TESTING

Since the last date of data entry in the Module, has your LTCF performed SARS-CoV-2 (COVID-19) viral testing?

If YES, indicate counts of COVID-19 viral testing that were performed:

POCRESIDENT: Since the last date of data entry in the Module, how many COVID-19 point-of-care tests has the LTCF performed on residents?

POCSTAFF: Since the last date of data entry in the Module, how many COVID-19 point-of-care tests has the LTCF performed on staff and/or facility personnel?

NONPOCRESENT: Since the last date of data entry in the Module, how many COVID-19 NON point-of-care tests has the LTCF performed on residents?

NONPOCSTAFF: Since the last date of data entry in the Module, how many COVID-19 NON point-of-care tests has the LTCF performed on staff and/or facility personnel?

During the past two weeks, on average how long did it take your LTCF to receive SARS-CoV-2 (COVID-19) viral test results from NON point-of-care tests?

TESTINGSTAFF: Does the LTCF have the ability to perform or to obtain resources for performing SARS-CoV-2 viral testing (NAAT [PCR] or antigen) on all staff and facility personnel within the next 7 days, if needed?

TESTINGRESIDENT: Does the LTCF have the ability to perform or to obtain resources for performing SARS-CoV-2 viral testing (NAAT [PCR] or antigen) on all current residents within the next 7 days, if needed?
COVID-19 is Now a Subset Total Deaths

**COVID-19 DEATHS**

Of the number of reported Total Deaths, report the number of residents with COVID-19 who died in the facility or another location.

COVID-19 Deaths: Defined by NHSN as residents who died from SARS-CoV-2 (COVID-19) related complications and includes resident deaths in the facility AND in other locations, such as an acute care facility, in which the resident with COVID-19 was transferred to receive treatment.

Conditional. Based on the number of submitted Total Deaths, report how many of the deaths were residents with either a positive COVID-19 viral test result, had signs and/or symptoms of COVID-19, or were on transmission-based precautions for COVID-19, as defined by the CDC.

Notes:

- If the facility receives an autopsy result indicating a positive SARS-CoV-2 (COVID-19) viral test result for a resident who was not initially included in the COVID-19 Deaths count, previously submitted NHSN data must be edited to include the death in the COVID-19 Deaths count. The edited date must reflect the date of death.
- The COVID-19 Deaths count cannot be higher than the Total Deaths count in a reporting period.
- Residents discharged from the facility are excluded from the count.
Data Quality Assurance Review
Review Your NHSN Data Each Week and Compare to CMS Website

COVID-19 Nursing Home Dataset

The Nursing Home COVID-19 Public File includes data reported by nursing homes to the CDC’s National Healthcare Safety
Weekly Data Entries are Missing

<table>
<thead>
<tr>
<th>Submitted Data</th>
<th>N</th>
<th>Passed Quality Assurance Check</th>
<th>(All)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Count of Facilities</td>
<td>Column Labels</td>
<td>May</td>
<td>Jun</td>
</tr>
<tr>
<td>Row Labels</td>
<td></td>
<td>9</td>
<td>9</td>
</tr>
<tr>
<td>AL</td>
<td>96</td>
<td>23</td>
<td>20</td>
</tr>
<tr>
<td>FL</td>
<td>22</td>
<td>11</td>
<td>5</td>
</tr>
<tr>
<td>GA</td>
<td>41</td>
<td>13</td>
<td>8</td>
</tr>
<tr>
<td>KY</td>
<td>13</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>LA</td>
<td>17</td>
<td>5</td>
<td>2</td>
</tr>
<tr>
<td>NC</td>
<td>13</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td>TN</td>
<td>Grand Total</td>
<td>211</td>
<td>73</td>
</tr>
</tbody>
</table>

NHSN Data on CMS website as of Nov 29, 2020
Did Your Data Pass QA on data.cms.gov?

<table>
<thead>
<tr>
<th>State</th>
<th>Unique facilities# Not Passing QA ≥1 week</th>
</tr>
</thead>
<tbody>
<tr>
<td>Florida</td>
<td>224/688</td>
</tr>
<tr>
<td>Georgia</td>
<td>31/280</td>
</tr>
<tr>
<td>Louisiana</td>
<td>97/277</td>
</tr>
<tr>
<td>Alabama</td>
<td>84/228</td>
</tr>
<tr>
<td>North Carolina</td>
<td>124/424</td>
</tr>
<tr>
<td>Kentucky</td>
<td>82/273</td>
</tr>
<tr>
<td>Tennessee</td>
<td>79/316</td>
</tr>
</tbody>
</table>

Verify your data in NHSN, then email to NH_COVID_Data@cms.hhs.gov and nhsn@cdc.gov and request your flags to be removed.

Instructions:

Check Your Data

<table>
<thead>
<tr>
<th>Confirmed Resident Cases</th>
<th>Confirmed Staff Cases</th>
<th>Potential Outbreak Alerts</th>
<th>Potential Data Quality Issues</th>
</tr>
</thead>
<tbody>
<tr>
<td>9/14-9/20</td>
<td>9/14-9/20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NH1</td>
<td>0</td>
<td>0</td>
<td>0</td>
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<td>NH2</td>
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<td>0</td>
<td>0</td>
</tr>
<tr>
<td>NH3</td>
<td>19</td>
<td>13</td>
<td>21</td>
</tr>
<tr>
<td>NH4</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>NH5</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>NH6</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>NH7</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>NH8</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

- 2 or more in a row > 10
- 2 of the same numbers entered sequentially
Data Quality in NHSN

1. **Download** your data each week in NHSN to double check for errors

2. 2 data submissions in a row >10 [20,15]

3. 3 data submissions that are consecutive or sequential [2,2,2][1,2,3,]

TIP: Data is uploaded to the CMS website on Sunday night….and available to view 11 days later on Thursday.
Refresher & Recap
When-What-Where Do I Report?

Daily Entry Pathways – At least weekly mandate

POCT- within 24 hours
What Rights Do I Have?

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.jpg" alt="Image" /></td>
<td><img src="image2.jpg" alt="Image" /></td>
<td><img src="image3.jpg" alt="Image" /></td>
<td><img src="image4.jpg" alt="Image" /></td>
</tr>
</tbody>
</table>

### Rights

<table>
<thead>
<tr>
<th>Rights</th>
<th>Long Term Care</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administrator</td>
<td>✓</td>
</tr>
<tr>
<td>All Rights</td>
<td>✓</td>
</tr>
<tr>
<td>Analyze Data</td>
<td></td>
</tr>
<tr>
<td>Add, Edit, Delete</td>
<td>✓</td>
</tr>
<tr>
<td>View Data</td>
<td></td>
</tr>
<tr>
<td>Staff - Add, Edit, Delete</td>
<td>✓</td>
</tr>
<tr>
<td>Staff - View</td>
<td></td>
</tr>
</tbody>
</table>

Customize Rights

- [ ] Effective Rights
- [ ] Save
- [ ] Back
Data Submission Clarification

~Data on Each Day

Important:

Counts should be reported on the correct calendar day and include only the new counts for the calendar day (specifically, since counts were last collected). If the count is zero, a “0” must be entered as the response. A blank response is equivalent to missing data. NON-count questions should be answered one calendar day during the reporting week.

Table of Instructions 57.144
### Daily Counts

<table>
<thead>
<tr>
<th>Date</th>
<th>numresadmc19</th>
<th>numresdied</th>
<th>numresc19died</th>
<th>numvent</th>
<th>numstaff</th>
<th>numsupplies</th>
</tr>
</thead>
<tbody>
<tr>
<td>11/24/2020</td>
<td>0</td>
<td>0</td>
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<td>0</td>
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</tr>
<tr>
<td>11/25/2020</td>
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<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>11/26/2020</td>
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<td>0</td>
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<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>11/27/2020</td>
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<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>11/28/2020</td>
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<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>11/29/2020</td>
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<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>11/30/2020</td>
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<td>0</td>
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<td>0</td>
</tr>
<tr>
<td>12/1/2020</td>
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<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>12/2/2020</td>
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<td>1</td>
<td>1</td>
<td>1</td>
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</tr>
<tr>
<td>12/3/2020</td>
<td>0</td>
<td>0</td>
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<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>12/4/2020</td>
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<td>0</td>
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<td>0</td>
</tr>
<tr>
<td>12/5/2020</td>
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<td>1</td>
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<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>12/9/2020</td>
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<td>0</td>
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<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>
## Daily Calendar

### NHSN - National Healthcare Safety Network

<table>
<thead>
<tr>
<th>NHSN Home</th>
<th>Alerts</th>
<th>Dashboard</th>
<th>Reporting Plan</th>
<th>Resident</th>
<th>Event</th>
<th>Summary Data</th>
</tr>
</thead>
</table>

#### COVID-19

Click a cell to begin entering data on the day for which counts are reported.

- **29 November 2020 - 09 January 2021**

<table>
<thead>
<tr>
<th>03</th>
<th>04</th>
<th>05</th>
<th>06</th>
<th>07</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Upload CSV...**
- **Download CSV Template...**
- **Export CSV...**
CSV File to Track Your Data

• Resident Impact and Facility Capacity Template – November 23, 2020

• Staff and Personnel Impact Template – November 23, 2020
SAMS Level 3 Invite Message

Important Message
Attention: Existing NHSN Users Increasing LTCF SAMS Level Access to NHSN

1. Please carefully review all guidance for SAMS Level 3 access: https://www.cdc.gov/nhsn/ltc/covid19/sams-access.html
2. If you have not received your SAMS Level 3 invite, please check your junk mail or spam folder. Look for an email with the subject line “SAMS Partner Portal - Identity Verification Request Form” from SAMS-no-reply@cdc.gov.
3. Please avoid taking the following actions as it increases our backlog and delays our response time to all users:
   a. Existing users please do not send multiple Level 3 access email requests to nhsn@cdc.gov. Once you have a confirmation email with a ticket number, we have your request and we will process it. Repeated emails will only increase our backlog.
   b. Facility administrators for your existing Level 3 further increase the backlog.

Ticket #: KC31165815
Join Alliant Quality’s Group in NHSN
Join & Confer Rights to Alliant Quality

Group Name: Alliant Quality-LTC
Group ID: 83378    Joining Password: Alliant20!

Have You Completed the CMS Targeted COVID-19 Training?

CMS Long Term Care Journal Volume II — Urinary Incontinence

CMS Targeted COVID-19 Training for Frontline Nursing Home Staff

CMS Targeted COVID-19 Training for Nursing Home Management

Community Mental Health Centers Basic Training

Complaint & Incident Intake for Long Term Care

New Hand Hygiene Poster & Badge

Remember to handwash the FROG way!

1. Rub palms together.
2. Rub the back of both hands.
3. Interlink fingers and rub hands together.
4. Interlink fingers and rub the back of fingers.
5. Rub right thumb in a rotating manner, then repeat with left.
6. Rub fingertips on palms of both hands.
7. Rub both wrists in a rotating manner. Rinse well.

*Wash hands for at least 20 seconds. You can follow the same steps using hand sanitizer that contains at least 70% alcohol.

Handwash the FROG way!

FRICION
RUBS
OUT
GERMS

Someone's not handwashing properly?
Just say, “Ribbit!”

https://www.alliantquality.org/topic/hand-hygiene/
Mark Your Calendar

**New NHSN Module Training**

**Topic:** New Weekly COVID-19 Vaccination Data Reporting for Long-term Care Facilities

**Date:** Dec 22, 2020

**Time:** 1:30 – 2:30 PM EST

Register in advance for this webinar:

[https://cdc.zoomgov.com/webinar/register/WN_MUdg4fyyTACFSXjt9gOeTw](https://cdc.zoomgov.com/webinar/register/WN_MUdg4fyyTACFSXjt9gOeTw)
Mark Your Calendar!

Shop Talk 3rd Thursdays at 2pm ET:


Visit our website for More info:
https://www.alliantquality.org/shop-talks/
Special Guest

We invite you to stay on the WebEx for a question-and-answer session. Please submit your questions into the Q & A box.
Angela Anttila
PhD, MSN, NPC, CIC

Nurse Epidemiologist
CACI, subcontractor to Leidos/Contractor for the National Healthcare Safety Network (NHSN)
Surveillance Branch
Division of Healthcare Quality Promotion
National Center for Emerging and Zoonotic Infectious Diseases
Centers for Disease Control and Prevention
Questions?

• Please put your questions into the Q & A.
Thank You for Your Time!
Contact the Patient Safety Team

Marilee H. Johnson, MBA, MT (ASCP)
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Melody Brown, MSM
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