National Healthcare Safety Network (NHSN)

Long-term Care Facility COVID-19 Module
NATIONAL
HEALTHCARE
SAFETY
NETWORK
(NHSN)

• Secure, internet-based surveillance system managed by the Centers for Disease Control and Prevention (CDC)
• Open to a variety of healthcare facilities in the United States
• Enables healthcare facilities to collect and use a data about:
  • Healthcare-associated infections (HAIs),
  • Adherence to clinical practices known to prevent HAIs,
  • AND MORE!!!
NHSN’s Role During COVID-19 Response

- LTCF COVID-19 Module
- LTCF COVID-19 webpage
- Data to state and local health departments
- Platform for Centers for Medicare and Medicaid Services (CMS) reporting mandates
- Accessible to facilities and group users
- NHSN dashboard within application
- No resident or staff/personnel level data collected
COVID-19 Module for Long Term Care Facilities

Goals of the Module

- Supplement case reporting and facility capacity to understand facility and resident specific impact
- Identify resource needs and prioritize public health action
LTCF COVID-19
MODULE
PARTICIPATION

- Skilled Nursing Facilities (SNF) / Nursing Homes (NH)
- Assisted Living Facilities and Residential Care
- Intermediate/chronic care facilities for the developmentally disabled
HOW TO GET STARTED

- NHSN enrollment is required
- Actively enrolled NHSN facilities have access through NHSN home page
- Non-NHSN LTCFs must complete online enrollment specifically for the LTC COVID-19 Module

Questions? E-mail nhsn@cdc.gov include LTCF COVID in Subject Line
### Step 1 – Prepare your computer to interact with NHSN

You may need to change your email and internet security settings to receive communications from NHSN during the enrollment process.

### Step 2A – Register Facility with NHSN

The person who will serve as the NHSN Facility Administrator (usually the person enrolling the facility) must access and read the [NHSN Facility/Group Administrator Rules of Behavior](#).

### Step 2B – Register with SAMS (Security Access Management System)

After NHSN receives your completed registration, you will receive an *Invitation to Register with SAMS* via email with steps to complete the process.

### Step 3 – Complete NHSN LTC Enrollment

On the SAMS homepage, click the link to the National Healthcare Safety Network labeled [NHSN LTC Enrollment](#) and complete Facility Contact Information.

### Step 4 – Electronically Accept the NHSN Agreement to Participate and Consent

After successfully completing enrollment, the NHSN Facility Administrator and Component Primary Contact (may be the same person) will receive an NHSN email with instructions on how to electronically accept the *NHSN Agreement to Participate and Consent*. Once accepted, enrollment is complete, and the user will gain access to NHSN’s COVID-19 module.
Access the LTCF COVID-19 Webpage

https://www.cdc.gov/nhsn/ltc/covid19/index.html
Four Pathways for Reporting

- Resident Impact and Facility Capacity
- Staff and Personnel Impact
- Supplies and Personal Protective Equipment
- Ventilator Capacity and Supplies

Data elements for each Pathway include: COUNT and/or “YES” or “NO” questions
Data Elements

- Suspected and confirmed COVID-19 infections among residents and staff, including residents previously treated for COVID-19
- Total deaths and COVID-19 deaths among residents and staff
- Personal protective equipment and hand hygiene supplies in the facility
- Ventilator capacity and supplies in the facility;
- Resident beds and census
- Access to COVID-19 testing while the resident is in the facility
- Staffing shortages
Daily reporting:
Selected calendar date must reflect the date in which the responses and counts are collected and reported.

Non-daily reporting:
Selected calendar date must reflect the date in which data are being reported. Unless otherwise indicated, counts must include only new counts for the specific data element since the last time counts were entered in the NHSN LTCF COVID-19 module.

Weekly reporting:
Report on the same day of the week every week, if possible (not required). Selected calendar date must reflect the date in which responses are being reported. Unless otherwise indicated, counts must be reported as the total number of new counts since the last time the counts were entered in the NHSN LTCF COVID-19 module.
Reporting Counts for the FIRST time in the NHSN LTCF COVID-19 Module

The first-time counts are entered for a specific data element, the user should include retrospective count data from January 1, 2020 to the first date of reporting into the module.
STEP 1:
Select COVID-19 tab on the left navigation menu of the NHSN Home Page.

**Note:** The NHSN home page may look different depending on facility access to other reporting options. However, the functionality for the COVID-19 Module is the same for all LTCFs.
Data may be entered retrospectively from January 1, 2020 up to the present date.

OR

Include these aggregate counts on the first date the facility will report into the COVID-19 module.
Import and Export Options

CSV Tabs located at bottom of calendar

A. Data upload using a CSV file
B. Download CSV Template, which can be used to upload facility COVID-19 data.
C. Export data in a table format using the “Export CSV”
Access the LTCF COVID-19 Webpage

https://www.cdc.gov/nhsn/ltc/covid19/index.html
STEP 2: Begin Manual Data Entry

To get started, click on the date for which you will be entering data.
New Window will Appear with Four Pathways

Select Pathway and Enter Data

- Default view is “Resident Impact and Facility Capacity” pathway
- Users may navigate to and from each pathway during one session
- Option to SAVE or CANCEL individual pathways
- Selected date will auto-populate
### Resident Impact

#### ADMISSIONS
- Residents admitted or re-admitted who were previously hospitalized and treated for COVID-19.

#### CONFIRMED
- Residents with new laboratory positive COVID-19.

#### SUSPECTED
- Residents with new suspected COVID-19.

#### TOTAL DEATHS
- Residents who have died in the facility or another location.

#### COVID-19 DEATHS
- Residents with suspected or laboratory positive COVID-19 who died in the facility or another location.

### Facility Capacity and Laboratory Testing

#### ALL BEDS (FIRST SURVEY ONLY)

- CURRENT CENSUS: Total number of beds that are currently occupied.

#### TESTING
- Does your facility have access to COVID-19 testing while the resident is in the facility?

If YES, what laboratory type? Select all that apply:
- [ ] State health department lab
- [ ] Private lab (hospital, corporation, academic institution)
- [ ] Other
Data Collection Form and Form Instructions Available

LTCF COVID-19 WEBPAGE
https://www.cdc.gov/nhsn/ltc/covid19/index.html
Resident Impact and Facility Capacity Pathway

- **ADMISSIONS**: Residents *newly* admitted or readmitted to LTCF from a hospital where they were treated for suspected or laboratory positive COVID-19.
  - Include only *newly* admitted or readmitted residents since the last date these counts were entered in the module regardless if the resident(s) are still in the facility.

- **CONFIRMED**: Number of residents with a *new* laboratory-positive COVID-19 result since the last date confirmed counts were entered into this module.
  - Count includes residents who remain in the LTCF, as well as residents who were transferred out of the facility, admitted to another facility, or died.
### Resident Impact and Facility Capacity Pathway

- **Suspected**: Residents managed as though they have COVID-19, but do not have a laboratory positive COVID-19 test result because they have not been tested or are pending results.
  - Include all *newly* suspected residents since the last date “Suspected” counts were entered in the module regardless if the resident(s) remains in the facility. For example, the resident died or was transferred or admitted to another facility.
Resident Impact and Facility Capacity Pathway

- **Total Deaths**: Residents who died in the facility or another location *for any reason* since the last time *Total Death* counts were entered. Include COVID-19 related deaths PLUS non-COVID-19 deaths.

- **COVID-19 Deaths**: Number of resident deaths for residents with suspected AND those with laboratory positive COVID-19 who died in the facility or another facility since the last date *COVID-19 Death* counts were reported in the module.
Resident Impact and Facility Capacity Pathway

- **ALL BEDS**: Enter the total number of resident beds in the facility. Saved bed count will pre-populate on future dates.

- **CURRENT CENSUS**: Total number of occupied beds on the date responses are entered in the module.

- **TESTING**: Does your facility have access to in-house COVID-19 testing for residents?
Resident Impact and Facility Capacity

Focuses on impact of COVID-19 on residents, facility capacity, and testing.

- **Resident Impact**:
  - ADMISSIONS: Residents admitted or re-admitted who were previously hospitalized and treated for COVID-19.
  - CONFIRMED: Residents with new laboratory positive COVID-19.
  - SUSPECTED: Residents with new suspected COVID-19.
  - TOTAL DEATHS: Residents who have died in the facility or another location.
  - COVID-19 DEATHS: Residents with suspected or laboratory positive COVID-19 who died in the facility or another location.

- **Facility Capacity and Laboratory Testing**:
  - ALL BEDS (FIRST SURVEY ONLY)
  - CURRENT CENSUS: Total number of beds that are currently occupied.
  - TESTING: Does your facility have access to COVID-19 testing while the resident is in the facility?
    - Yes
      - State health department lab
      - Private lab (hospital, corporation, academic institution)
      - Other

Since last reported to NHSN

Required for 1st survey only. Update as needed if answer changes in future submissions.

Save to exit Pathway reporting and return to calendar or CLICK in next tab to continue entering data.
Click a cell to begin entering data on the day for which counts are reported.
<table>
<thead>
<tr>
<th>Date</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Mar 22</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>30</td>
<td>31</td>
<td>Apr 01</td>
<td>02</td>
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<td>03</td>
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<td>05</td>
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<tr>
<td>26</td>
<td>27</td>
<td>28</td>
<td></td>
<td>29</td>
<td>30</td>
<td>May 01</td>
</tr>
</tbody>
</table>
Include anyone working or volunteering in the LTCF (for example, contractors, full-time, part-time, as needed/prn, temporary, resident care givers, shared staff, etc.)
Data Collection Form and Form Instructions Available

LTCF COVID-19 WEBPAGE
https://www.cdc.gov/nhsn/ltc/covid19/index.html
Staff and Personnel Impact Pathway

- **CONFIRMED**: Staff and facility personnel newly identified with a laboratory positive COVID-19 test result since the last date Confirmed counts were entered into the module.
- **SUSPECTED**: Staff and facility personnel being newly managed as though they have COVID-19 since the last date that Suspected counts were entered into the module. No positive COVID-19 lab result
- **COVID 19 DEATHS**: New deaths for staff and facility personnel with suspected or laboratory positive COVID-19 since the last date the COVID-19 Death count for staff and facility personnel was entered.
### Staff and Personnel Impact Pathway

<table>
<thead>
<tr>
<th>Staffing Shortage?</th>
<th>Staff and Personnel Groups</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Nursing Staff: registered nurse, licensed practical nurse, vocational nurse</td>
</tr>
<tr>
<td></td>
<td>Clinical Staff: physician, physician assistant, advanced practice nurse</td>
</tr>
<tr>
<td></td>
<td>Aide: certified nursing assistant, nurse aide, medication aide, and medication technician</td>
</tr>
<tr>
<td></td>
<td>Other staff or facility personnel, regardless of clinical responsibility or resident contact not included in the categories above (for example, environmental services)</td>
</tr>
</tbody>
</table>

**Responses based on the date responses are entered in the module**
Staff and Personnel Impact Pathway

Impact COVID-19 is having on staff and facility personnel, including staffing shortages.
Responses based on the date responses are entered in the module

**ANY SUPPLY**: Does the facility have any of each supply item listed?

**ENOUGH FOR ONE WEEK**: Does the facility have enough for ONE week of each supply item?
Data Collection Form and Form Instructions Available

LTCF COVID-19 WEBPAGE
https://www.cdc.gov/nhsn/ltc/covid19/index.html
Supplies and Personal Protective Equipment Pathway

Availability of Personal protective equipment and hand hygiene supplies in the facility.

<table>
<thead>
<tr>
<th>Supply Item</th>
<th>Do you currently have any supply?</th>
<th>Do you have enough for one week?</th>
</tr>
</thead>
<tbody>
<tr>
<td>N95 masks</td>
<td>N · No  ✔</td>
<td>N · No  ✔</td>
</tr>
<tr>
<td>Surgical masks</td>
<td>Y · Yes ✔</td>
<td>Y · Yes ✔</td>
</tr>
<tr>
<td>Eye protection, including face shields or goggles</td>
<td>N · No  ✔</td>
<td>N · No  ✔</td>
</tr>
<tr>
<td>Gowns</td>
<td>N · No  ✔</td>
<td>N · No  ✔</td>
</tr>
<tr>
<td>Gloves</td>
<td>Y · Yes ✔</td>
<td>Y · Yes ✔</td>
</tr>
<tr>
<td>Alcohol-based hand sanitizer</td>
<td>Y · Yes ✔</td>
<td>Y · Yes ✔</td>
</tr>
</tbody>
</table>
Add Daily COVID-19 Data

Date for which counts are reported: 04/01/2020

Do you have a ventilator dependent unit in your facility? *
Y - Yes
N - No

If, NO, skip this form

For the following questions, please collect data at the same time at least once a week (for example, 7 AM)

☐ MECHANICAL VENTILATORS: Total number available in your facility

☐ MECHANICAL VENTILATORS IN USE: Total number of mechanical ventilators in use for residents who have suspected or lab-confirmed COVID-19

Ventilator Supplies

<table>
<thead>
<tr>
<th>Supply Item</th>
<th>Do you currently have any supply?</th>
<th>Do you have enough for one week?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ventilator supplies (any, including tubing)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Data Collection Form and Form Instructions Available

LTCF COVID-19 WEBPAGE
https://www.cdc.gov/nhsn/ltc/covid19/index.html
Ventilator Capacity and Supplies Pathway

Responses based on the date responses are entered in the module

- **MECHANICAL VENTILATORS**: Number of mechanical ventilators in the facility

- **MECHANICAL VENTILATORS IN USE**: Number of mechanical ventilators in use for residents who have suspected or laboratory confirmed COVID-19.
Ventilator Capacity and Supplies Pathway

Responses based on the date responses are entered in the module

- **ANY**: Ventilator supply available in the facility

- **ENOUGH SUPPLIES FOR ONE WEEK**: Number of mechanical ventilators in use for residents who have suspected or laboratory confirmed COVID-19.
Ventilator capacity and supplies in the facility.
Click a cell to begin entering data on the day for which counts are reported.
Additional Resources: