



National Healthcare Safety Network (NHSN)

Long-Term Care Facility (LTCF) COVID-19 Data Quality Webinar

Discussion for Today

- Describe commonly observed reporting errors in COVID-19 counts data
- Provide examples of best practices in reporting COVID-19 counts in the NHSN COVID-19 module to improve data accuracy
- Describe how to correct reporting errors in the NHSN COVID-19 module





Four Pathways for Reporting



Resident Impact and Facility Capacity



Staff and Personnel Impact



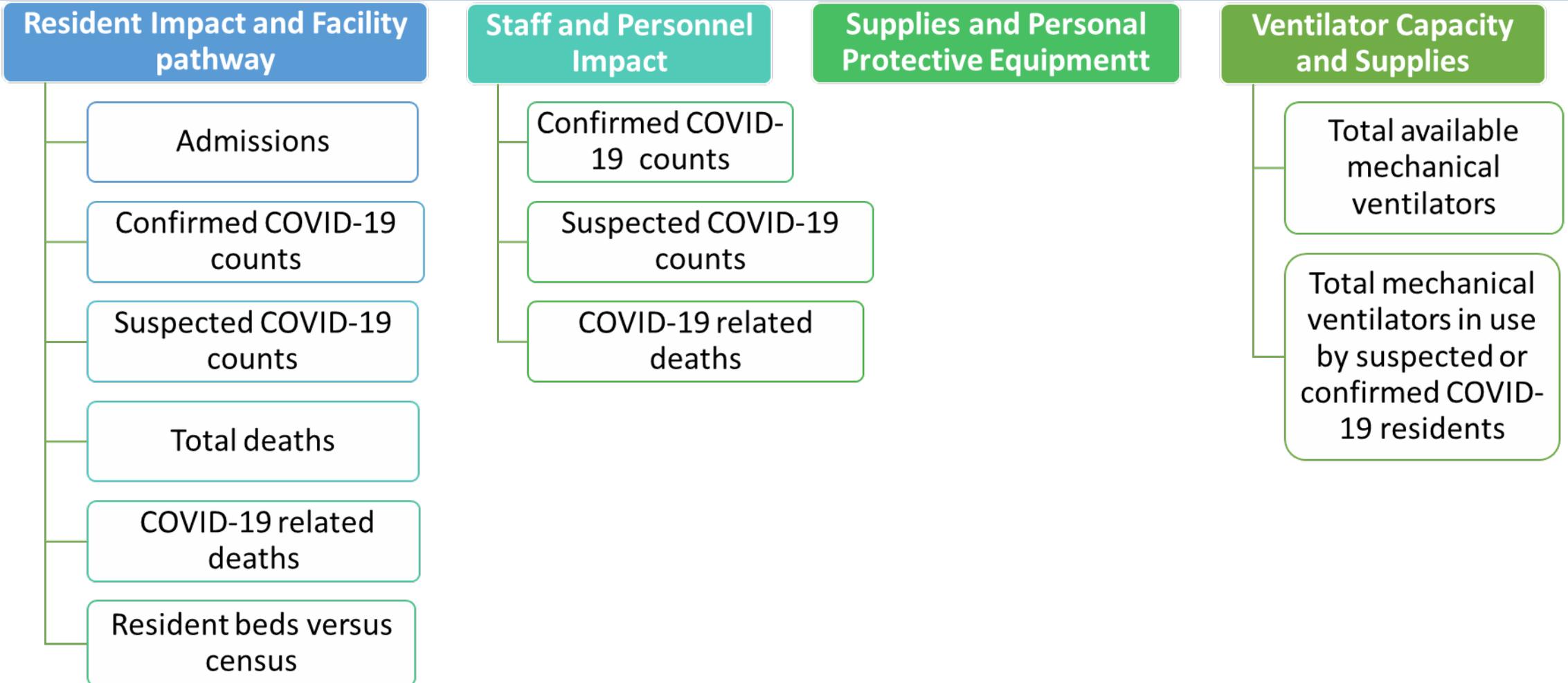
Supplies and Personal Protective Equipment



Ventilator Capacity and Supplies

Data elements for each Pathway include: COUNT and/or "YES" or "NO" responses

COVID-19 Module Count Data Elements



Common Reporting Errors



Error#1: Rolling Over Counts from Previous Day

Date	Admissions	Confirmed	Suspected	Total Deaths	COVID-19 deaths
5/8/2020	5  	4	20 	10 	10 
5/9/2020	6  	4	20  	10  	10  
5/10/2020	6	4  	20 	10 	10 
5/11/2020	6  	6 	20	10	10
5/12/2020	8  	6  	20	10	10
5/13/2020	8	7  	20	10	10
5/14/2020	8	7	20	10	10

Error#2: Excluding COVID-19 Deaths from Total Death count

Date	Total Deaths	COVID-19 Deaths
5/8/2020	5	4
5/9/2020	0	5
5/10/2020	4	2
5/11/2020	1	1
5/12/2020	2	5
5/13/2020	4	4
5/14/2020	0	5

Error#3: Missing Data for Counts

0 = 0 Counts

Blank = Missing data

Date	Admissions	Confirmed	Suspected	Total Deaths	COVID-19 deaths
5/8/2020	0	1	0	0	0
5/9/2020			0		
5/10/2020	1	0	2	3	

Error#4: Missing or Incomplete Reporting in one or more Pathways



COVID-19



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

◀ 📅 ▶ 26 April 2020 - 06 June 2020

Record Complete Record Incomplete

26	27	28	29	30	May 01	02
03	04	05	06	07 👍 Resident	08	09
10	11	12	13	14	15	16

Error#5: Missing or 0 for “Number of ventilators available” in facilities with ventilator dependent units and /or beds

Do you have ventilator dependent unit and/or beds in our facility?	Y
Number of Mechanical ventilators	 0
Mechanical ventilators in use	0

Implications of Incorrect Data Entry

- Incorrect data shared with Centers Medicare and Medicaid Services (CMS)
 - Publicly reported and accessible
- Inaccurate assessment of resource needs
 - The Federal Emergency Management Agency (FEMA) – provisions of PPE supplies
 - White House Task force – providing of testing supplies
 - CDC Emergency Response – deployment of response teams
- Unreliable data for re-opening determinations

Improving Data Accuracy



Case Study

Worksheet for DHQP Skilled Nursing data – Week 1

5/22 – 5/28	ADMISSIONS	CONFIRMED	SUSPECTED	TOTAL DEATHS	COVID-19 DEATHS
Friday 5/22	3	1	7	1	0
Saturday 5/23	0	3	0	5	1
Sunday 5/24	0	0	2	0	0
Monday 5/25	5	5	6	0	0
Tuesday 5/26	1	2	1	3	2
Wednesday 5/27	0	1	2	0	0
Thursday 5/28	1	0	0	0	0

Case Study

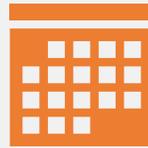
Worksheet for DHQP Skilled Nursing data – Week 2

5/29 - 6/4	ADMISSIONS	CONFIRMED	SUSPECTED	TOTAL DEATHS	COVID-19 DEATHS
Friday 5/29	1	0	0	1	1
Saturday 5/30	0	3	4	2	1
Sunday 5/31	0	0	2	0	0
Monday 6/1	1	2	1	3	2
Tuesday 6/2	0	1	5	1	1
Wednesday 6/3	0	3	0	0	0
Thursday 6/4	2	1	0	3	1

Reporting Weekly Counts



Surveillance Tips



Maintain consistency in data collection and reporting

A screenshot of an NHSN COVID-19 data collection form titled "COVID-19 Module Long Term Care Facility: Resident Impact and Facility Capacity". The form includes fields for "NHSN Facility ID:", "CMS Certification Number (CCM):", "Facility Name:", and "Date for which responses are reported:". Below these are sections for "Resident Impact" with checkboxes for "ADMITTED", "CONFIRMED", "RECOVERED", "DECEASED", and "DEATHS". There is also a section for "Facility Capacity and Laboratory Testing" with checkboxes for "ALL BEDS (FIRST SURVEY ONLY)", "CURRENTLY OPENED", and "TESTING".

Use a line list or NHSN data collection forms to assist with data collection

Case Study

Worksheet for DHQP Skilled Nursing data – Week 1

5/22 – 5/28	ADMISSIONS	CONFIRMED	SUSPECTED	TOTAL DEATHS	COVID-19 DEATHS
Friday 5/22	3	1	7	1	0
Saturday 5/23	0	3	0	5	1
Sunday 5/24	0	0	2	0	0
Monday 5/25	5	5	6	0	0
Tuesday 5/26	1	2	1	3	2
Wednesday 5/27	0	1	2	0	0
Thursday 5/28	1	0	0	0	0
Weekly Total to be entered in NHSN	10	12	18	9	3

Case Study

Worksheet for DHQP Skilled Nursing data – Week 2

- Do not carry over cumulative cases from previous day.
- Choose to enter weekly or non-weekly not both
- Total deaths counts include all deaths including COVID-19 deaths
- Do not remove previously entered data if resident status changes

5/29 - 6/4	ADMISSIONS	CONFIRMED	SUSPECTED	TOTAL DEATHS	COVID-19 DEATHS
Friday 5/29	1	0	0	1	1
Saturday 5/30	0	3	4	2	1
Sunday 5/31	0	0	2	0	0
Monday 6/1	0	2	1	3	2
Tuesday 6/2	0	1	5	1	1
Wednesday 6/3	0	3	0	0	0
Thursday 6/4	2	1	0	3	1
Weekly Total to be entered in NHSN*	3	10	12	10	6

***Only if data was not previously entered for that week.**

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.

The screenshot displays the NHSN - National Healthcare Safety Network (ltcf943-40-flj2v:443) interface. The left navigation menu includes the following items: NHSN Home, Alerts, Dashboard, Reporting Plan, Resident, Event, Summary Data, COVID-19 (highlighted in green), Import/Export, Surveys, Analysis, Users, Facility, Group, and Tools. A green arrow points to the COVID-19 tab, which is also marked with a yellow box containing the number 1. The main content area shows the NHSN Long Term Care Facility Component Home Page with sections for Long Term Care Dashboard and Action Items.

STEP 1: On the NHSN Long Term Care Facility Component Home Page, select COVID-19 Tab from the left-navigation menu

Improving Data Accuracy: Resident Impact and Facility Capacity



COVID-19



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



19 April 2020 - 30 May 2020

Record Complete Record Incomplete

Apr 19	20	21	22	23	24	25
26	27	28	29	30	May 01	02
03	04	05	06	07	08	09
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30



	NEW ADMITS	NEW CONFIRMED	NEW SUSPECTED	NEW TOTAL DEATHS	NEW COVID-19 DEATHS
Week: 5/22 - 5/28	10	12	18	9	3

Add COVID-19 Data

Date for which counts are reported: 5/29/2020

Facility CCN: 999860

Facility Type: LTC-SKILLNURS

Resident Impact and Facility Capacity

Staff and Personnel Impact

Supplies and Personal Protective Equipment

Ventilator Capacity and Supplies

Date Created: Will be populated on save

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

Resident Impact

10

ADMISSIONS: Residents admitted or readmitted who were previously diagnosed with COVID-19 from another facility

12

CONFIRMED: Residents with new laboratory positive COVID-19

18

SUSPECTED: Residents with new suspected COVID-19

9

TOTAL DEATHS: Residents who have died in the facility or another location

3

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



	NEW ADMITS	NEW CONFIRMED	NEW SUSPECTED	NEW TOTAL DEATHS	NEW COVID-19 DEATHS
Week: 5/22 - 5/28	10	12	18	9	0
Week: 5/29 - 6/04	3	10	12	10	6

Add COVID-19 Data



Date for which counts are reported: 6/05/2020

Facility CCN: 999860

Facility Type: LTC-SKILLNURS

Resident Impact and Facility Capacity

Staff and Personnel Impact

Supplies and Personal Protective Equipment

Ventilator Capacity and Supplies

Date Created: Will be populated on save

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

Resident Impact

<input type="text" value="3"/>	ADMISSIONS: Residents admitted or readmitted who were previously diagnosed with COVID-19 from another facility
<input type="text" value="10"/>	CONFIRMED: Residents with new laboratory positive COVID-19
<input type="text" value="12"/>	SUSPECTED: Residents with new suspected COVID-19
<input type="text" value="10"/>	TOTAL DEATHS: Residents who have died in the facility or another location
<input type="text" value="6"/>	COVID-19 DEATHS: Residents with suspected or laboratory positive COVID-19 who died in the facility or another location

Facility Capacity – Number of beds and Current Census

Resident Impact and Facility Capacity	Staff and Personnel Impact	Supplies and Personal Protective Equipment	Ventilator Capacity and Supplies	
Facility Capacity and SARS-CoV-2 Testing				
125	ALL BEDS (FIRST SURVEY ONLY)			
80	CURRENT CENSUS: Total number of beds that are currently occupied			

Facility Capacity – SARS-CoV-2 Testing

Resident Impact and Facility Capacity

Staff and Personnel Impact

Supplies and Personal Protective Equipment

Ventilator Capacity and Supplies

RESIDENTS

TESTING: Does the LTCF have the ability to perform or to obtain resources for performing COVID-19 viral testing (nucleic acid or antigen) on all current residents within the next 7 days, if needed?

Y - Yes ▼

If NO, indicate reason(s) below (select all that apply):

- Lack of recommended personal protective equipment (PPE) for personnel to wear during specimen collection
- Lack of supplies for specimen collection
- Lack of access to a laboratory for submitting specimens
- Lack of access to trained personnel to perform testing (including internal and external resources)
- Uncertainty about testing reimbursement
- Other

During the past two weeks, on average how long did it take your LTCF to receive COVID-19 viral (nucleic acid or antigen) test results of residents?

3-7 days ▼

Since the last date of data entry in the Module, has your LTCF performed COVID-19 viral testing on residents? N - No ▼

If YES, indicate the reason COVID-19 testing was performed (Check all that apply):

- Testing residents with new signs/symptoms consistent with COVID-19
- Testing asymptomatic residents on a unit/section of the facility in response to a new case with COVID-19
- Testing asymptomatic residents, facility-wide in response to a new case with COVID-19
- Testing asymptomatic residents without a known exposure to COVID-19 as part of surveillance
- None of the above: testing of another subgroup of residents occurred

Facility Capacity – SARS-CoV-2 Testing

Resident Impact and Facility Capacity

Staff and Personnel Impact

Supplies and Personal Protective Equipment

Ventilator Capacity and Supplies

STAFF AND PERSONNEL

Includes anyone working or volunteering in the facility, such as contractors, temporary staff, resident care givers, shared staff, etc.

TESTING: Does the LTCF have the ability to perform or to obtain resources for performing COVID-19 viral testing (nucleic acid or antigen) on all staff and/or facility personnel within the next 7 days, if needed?

If NO, indicate reason(s) below (Check all that apply):

- Lack of recommended personal protective equipment (PPE) for personnel to wear during specimen collection
- Lack of supplies for specimen collection
- Lack of access to a laboratory for submitting specimens
- Lack of access to trained personnel to perform testing (including internal and external resources)
- Uncertainty about testing reimbursement
- Other

On average, how long does it take your LTCF to receive COVID-19 viral (nucleic acid or antigen) test results of staff and/or facility personnel?

Since the last date of data entry in the Module, has your LTCF performed COVID-19 viral testing on staff and/or facility personnel?

If YES, indicate the reason COVID-19 testing was performed (Check all that apply):

- Testing staff and/or facility personnel with new signs/symptoms consistent with COVID-19
- Testing asymptomatic staff and/or facility personnel on a unit/section of the facility in response to a new case with COVID-19
- Testing asymptomatic staff and/or facility personnel facility-wide in response to a new case with COVID-19
- Testing asymptomatic staff and/or facility personnel without a known exposure to COVID-19 as part of surveillance
- None of the above: testing of another subgroup of staff and/or facility personnel occurred

Staff and Personnel Impact

Add COVID-19 Data

Date for which counts are reported: 5/29/2020

Facility CCN: 054321

Facility Type: LTC-SKILLNURS

Resident Impact and Facility Capacity

Staff and Personnel Impact

Supplies and Personal Protective Equipment

CONFIRMED: Staff and facility personnel with new laboratory positive COVID-19

SUSPECTED: Staff and facility personnel with new suspected COVID-19 who are being managed as though they have it

COVID-19 DEATHS: Staff and facility personnel with new suspected or laboratory positive COVID-19 who died

Starting Shortage?

Nursing Staff: registered nurse, licensed practical nurse, vocational nurse

Clinical Staff: physician, physician assistant, advanced practice nurse

Aide: certified nursing assistant, nurse aide, medication aide, and medication technician

Other staff or facility personnel, regardless of clinical responsibility or resident contact not included in the categories above (for example, environmental services)

Save

Cancel

Ventilator Capacity and Supplies

Add COVID-19 Data

Date for which counts are reported: 5/29/2020

Facility CCN: 999860

Facility Type: LTC-SKILLNURS

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

Date Created: Will be populated on save

Do you have ventilator dependent unit(s) and/or beds in your facility? *

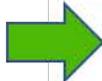
If, NO, skip this form

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

<input type="text"/>	MECHANICAL VENTILATORS: Total number available in your facility
<input type="text"/>	MECHANICAL VENTILATORS IN USE: Total number of mechanical ventilators in use for residents who have suspected or laboratory positive COVID-19

Ventilator Supplies

Supply Item	Do you currently have any supply?	Do you have enough for one week?
Ventilator supplies (any, including tubing)	<input type="text" value="v"/>	<input type="text" value="v"/>



Completed Report :Ventilator Capacity and Supplies

Edit COVID-19 Data

Date for which counts are reported:

05/29/2020



Facility CCN: 999860

Facility Type: LTC-SKILLNURS

Resident Impact and Facility Capacity

Staff and Personnel Impact

Supplies and Personal Protective Equipment

Ventilator Capacity and Supplies

Date Created: 5/29/2020 8:12AM



Do you have ventilator dependent unit(s) and/or beds in your facility? *

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)

5

MECHANICAL VENTILATORS: Total number available in your facility

0

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

Ventilator Supplies

Supply Item

Do you currently have any supply?

Do you have enough for one week?

Ventilator supplies (any, including tubing)

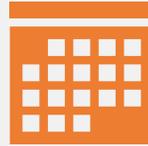
Yes

Yes

Reporting Daily Counts



Surveillance Tips



Maintain consistency in data collection and reporting

A screenshot of an NHSN (National Healthcare System Network) data collection form titled "COVID-19 Module". The form includes sections for "Long Term Care Facility: Resident Report and Facility Capacity", "Resident Report", and "Facility Capacity and Laboratory Testing". It contains various input fields, checkboxes, and tables for recording data.

Use a line list or NHSN data collection forms to document daily counts

	NEW ADMITS	NEW CONFIRMED	NEW SUSPECTED	NEW TOTAL DEATHS	NEW COVID-19 DEATHS
Friday 5/29	1	0	0	1	1

Add COVID-19 Data

Date for which counts are reported: 5/29/2020 Facility CCN: 999860 Facility Type: LTC-SKILLNURS

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

Date Created: Will be populated on save

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

Resident Impact

1	ADMISSIONS: Residents admitted or readmitted who were previously diagnosed with COVID-19 from another facility
0	CONFIRMED: Residents with new laboratory positive COVID-19
0	SUSPECTED: Residents with new suspected COVID-19
1	TOTAL DEATHS: Residents who have died in the facility or another location
1	COVID-19 DEATHS: Residents with suspected or laboratory positive COVID-19 who died in the facility or another location

	NEW ADMITS	NEW CONFIRMED	NEW SUSPECTED	NEW TOTAL DEATHS	NEW COVID-19 DEATHS
05/29/2020	1	0	0	1	1
5/30/2020	0	3	4	2	1

Add COVID-19 Data

Date for which counts are reported: 5/30/2020

Facility CCN: 999860

Facility Type: LTC-SKILLNURS

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

Date Created: Will be populated on save

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

Resident Impact

0	ADMISSIONS: Residents admitted or readmitted who were previously diagnosed with COVID-19 from another facility
3	CONFIRMED: Residents with new laboratory positive COVID-19
4	SUSPECTED: Residents with new suspected COVID-19
2	TOTAL DEATHS: Residents who have died in the facility or another location
1	COVID-19 DEATHS: Residents with suspected or laboratory positive COVID-19 who died in the facility or another location

Facility Capacity – Number of beds and Current Census

Resident Impact and Facility Capacity	Staff and Personnel Impact	Supplies and Personal Protective Equipment	Ventilator Capacity and Supplies
Facility Capacity and SARS-CoV-2 Testing			
<input type="text" value="125"/>	ALL BEDS (FIRST SURVEY ONLY)		
<input type="text" value="50"/>	CURRENT CENSUS: Total number of beds that are currently occupied		

Staff and Personnel Impact

Add COVID-19 Data

Date for which counts are reported: 5/29/2020

Facility CCN: 054321

Facility Type: LTC-SKILLNURS

Resident Impact and Facility Capacity

Staff and Personnel Impact

Supplies and Personal Protective Equipment

Ventilator Capacity and Supplies

Date Created: Will be populated on save

CONFIRMED: Staff and facility personnel with new laboratory positive COVID-19

SUSPECTED: Staff and facility personnel with new suspected COVID-19 who are being managed as though they have it

COVID-19 DEATHS: Staff and facility personnel with new suspected or laboratory positive COVID-19 who died

Aide: certified nursing assistant, nurse aide, medication aide, and medication technician

Other staff or facility personnel, regardless of clinical responsibility or resident contact not included in the categories above (for example, environmental services)

Save

Cancel

Ventilator Capacity and Supplies

Add COVID-19 Data

Date for which counts are reported:

5/29/2020

Facility CCN: 999860

Facility Type: LTC-SKILLNURS

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

Date Created: Will be populated on save

Do you have ventilator dependent unit(s) and/or beds in your facility? *

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)

<input type="text"/>	MECHANICAL VENTILATORS: Total number available in your facility
<input type="text"/>	MECHANICAL VENTILATORS IN USE: Total number of mechanical ventilators in use for residents who have suspected or laboratory positive COVID-19

Ventilator Supplies

Supply Item	Do you currently have any supply?	Do you have enough for one week?
Ventilator supplies (any, including tubing)	<input type="text" value=""/>	<input type="text" value=""/>



COVID-19



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



19 April 2020 - 30 May 2020



Record Complete



Record Incomplete

Apr 19	20	21	22	23	24	25
26	27	28	29	30	May 01	02
03	04	05			08	09
10	11	12			15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

Message

Successfully saved record.



- Resident
- Staff
- Supplies
- Ventilator

Viewing Reported Data



NHSN LTCF COVID-19 Module Facility Dashboard

NHSN Home

Alerts

Dashboard ▶

Reporting Plan ▶

Resident ▶

Event ▶

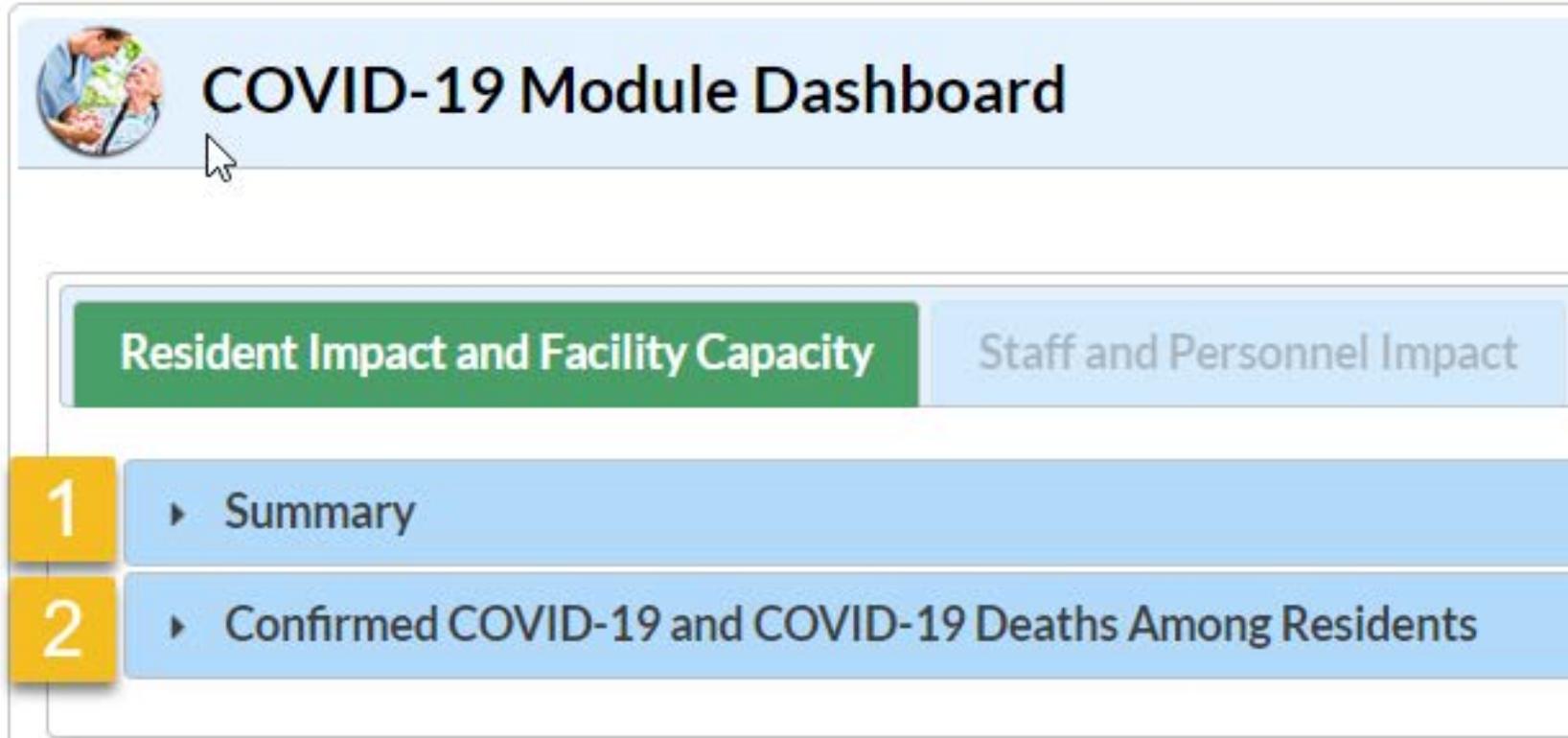
Summary Data ▶

COVID-19

COVID-19 Module Dashboard

- Summary of the data entered in the COVID-19 Module
- Currently limited to the Resident Impact and Facility Capacity pathway
- The dashboard is best viewed using Microsoft Edge, Google Chrome, and Safari internet browsers

NHSN LTCF COVID-19 Module Facility Dashboard



The image shows a screenshot of the NHSN LTCF COVID-19 Module Facility Dashboard. At the top, there is a header bar with a circular icon on the left depicting a person in a medical setting, and the text "COVID-19 Module Dashboard" to its right. Below the header, there are two tabs: "Resident Impact and Facility Capacity" (highlighted in green) and "Staff and Personnel Impact" (highlighted in light blue). Under the "Resident Impact and Facility Capacity" tab, there is a list of two items:

- 1 Summary
- 2 Confirmed COVID-19 and COVID-19 Deaths Among Residents

Summary

Resident Impact and Facility Capacity

Staff and Personnel Impact

Supplies and Personal Protective Equipment

Ventilator Ca

Summary

Date From: 05/22/2020  3 To: 05/29/2020  3 [Go](#)

12

Admitted COVID-19
Residents

6

COVID-19 Suspected
Residents

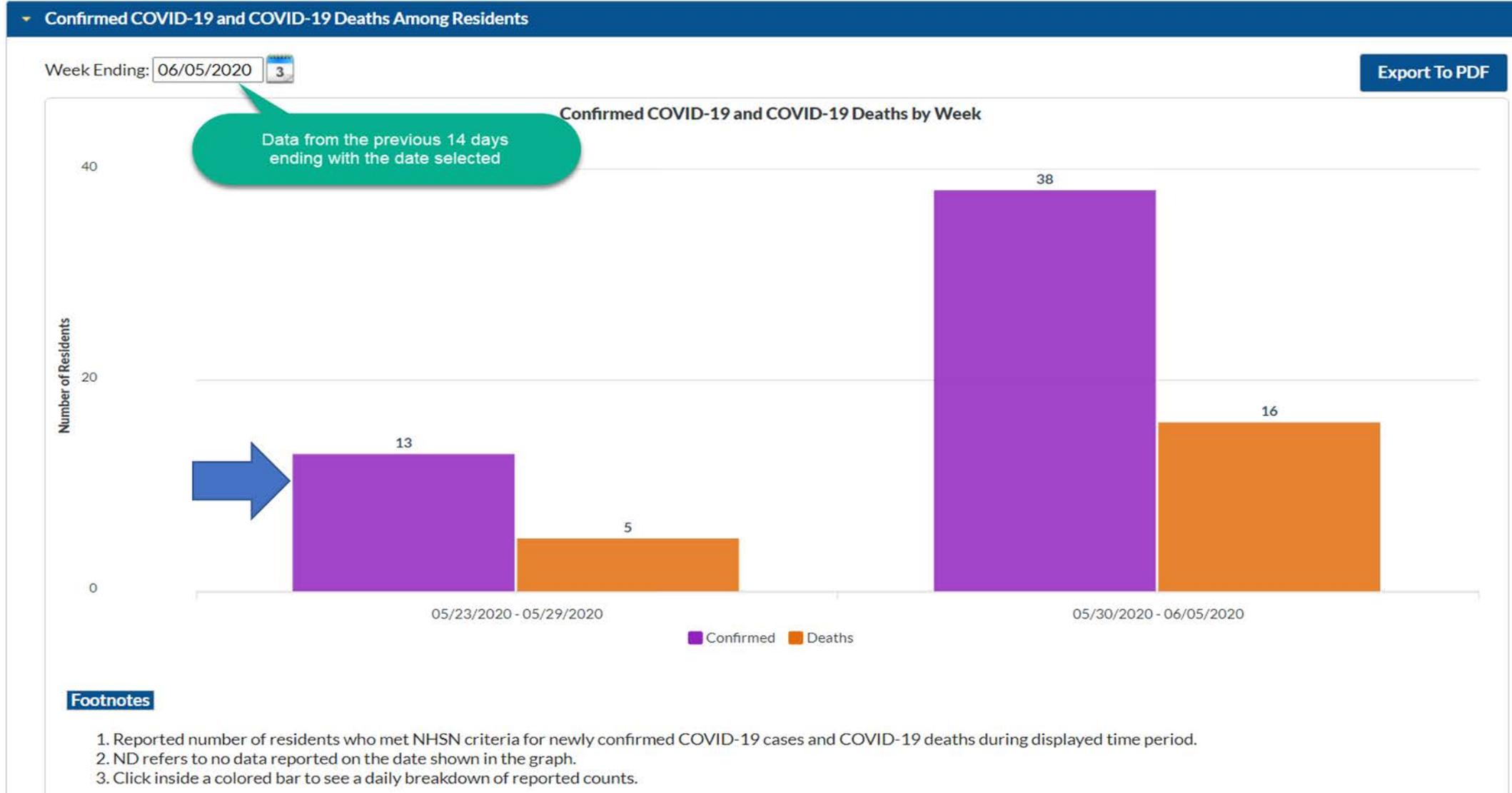
13

COVID-19 Confirmed
Residents

5

COVID-19 Resident
Deaths

Confirmed COVID-19 and COVID-19 Deaths among Residents



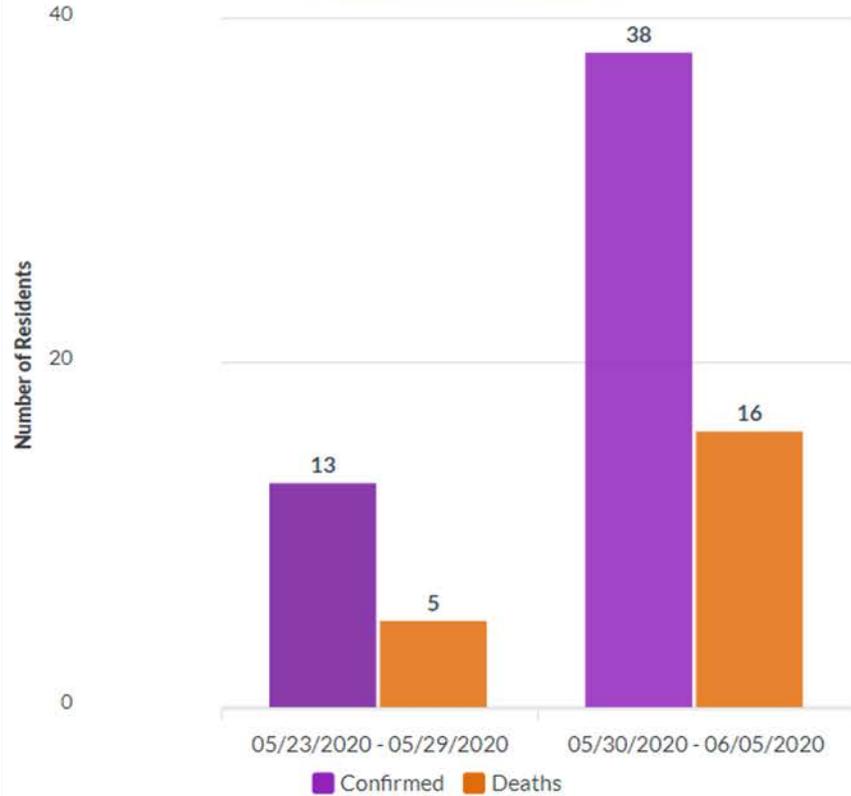
Confirmed COVID-19 and COVID-19 Deaths Among Residents

Week Ending: 06/05/2020 3

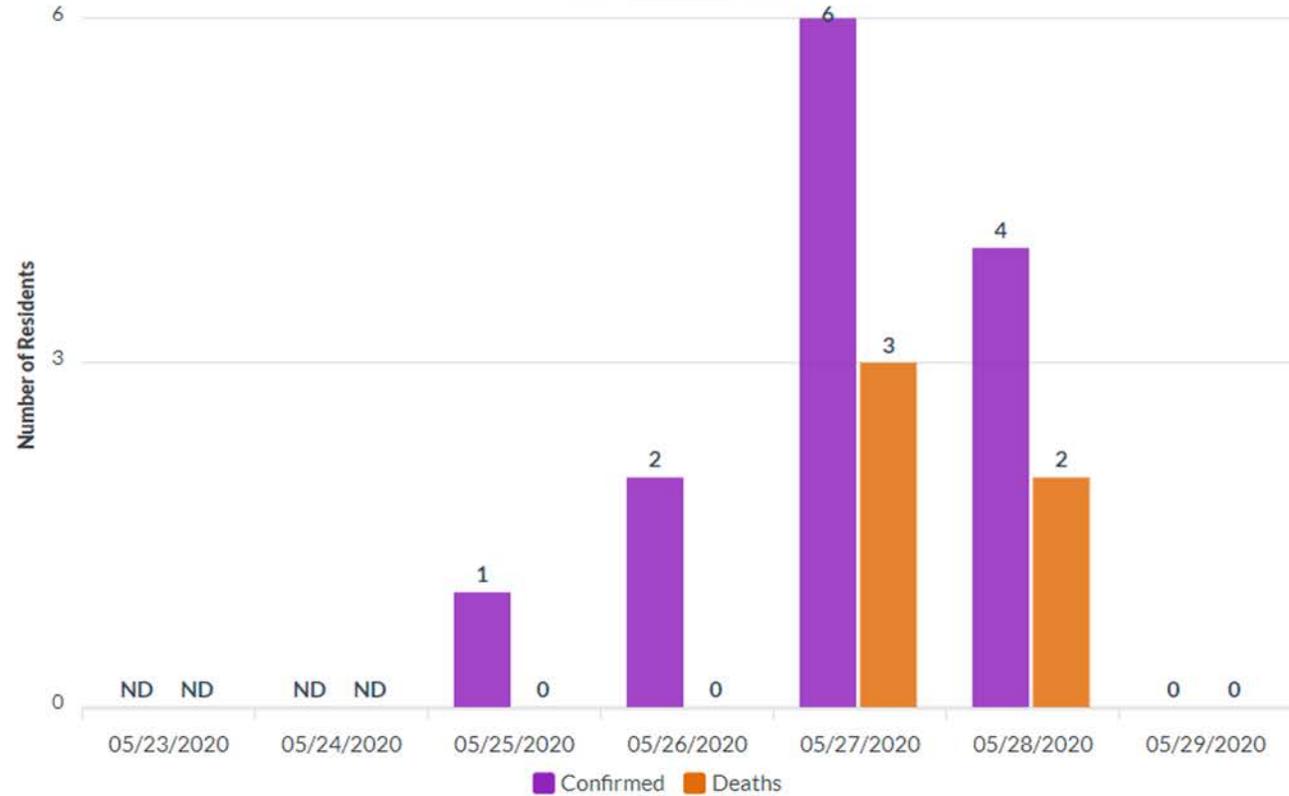
Export To PDF



Confirmed COVID-19 and COVID-19 Deaths by Week



Confirmed COVID-19 and COVID-19 Deaths by Day



Footnotes

1. Reported number of residents who met NHSN criteria for newly confirmed COVID-19 cases and COVID-19 deaths during displayed time period.
2. ND refers to no data reported on the date shown in the graph.
3. Click inside a colored bar to see a daily breakdown of reported counts.

NHSN LTCF COVID-19 Module Dashboard

- Facility user guide for using LTCF COVID-19 dashboard:
<https://www.cdc.gov/nhsn/pdfs/covid19/lpcf/fac-db-508.pdf>
- Group user guide for LTCF COVID-19 dashboard:
<https://www.cdc.gov/nhsn/pdfs/covid19/lpcf/grp-db-508.pdf>

Exporting Reported Data



Exporting Data from NHSN COVID-19 Module

◀ 📅 ▶ 19 April 2020 - 30 May 2020 Record Complete Record Incomplete

Apr 19	20	21	22	23	24	25
26	27	28	29	30	May 01	02

⬆️ Upload CSV...

⬇️ Download CSV Template...

⬇️ Export CSV...

24	25	26	27	28	29	30
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⬆️ Upload CSV...

⬇️ Download CSV Template...

⬇️ Export CSV...

Exporting data from NHSN COVID-19 Module

The screenshot displays the NHSN COVID-19 Module interface. At the top, there is a navigation bar with a calendar icon, a date range of "19 April 2020 - 30 May 2020", and a legend for "Record Complete" (dark green) and "Record Incomplete" (light yellow). Below this is a calendar grid showing dates from April 19 to May 30. A modal dialog box titled "Export CSV" is open in the center. The dialog contains a table with the following data:

Option	File Name	Format
<input checked="" type="radio"/> All	covid19all.zip	zipped
<input type="radio"/> Resident Capacity	covid19res.csv	csv
<input type="radio"/> Staff	covid19staff.csv	csv
<input type="radio"/> Supplies	covid19supp.csv	csv
<input type="radio"/> Ventilator	covid19vent.csv	csv

At the bottom of the dialog, there are two buttons: "Export" and "Cancel". A green arrow points to the "Export" button. Another green arrow points to the "All" option in the table.

Exporting Data from NHSN COVID-19 Module

collectiondate	numresadmc19	numresconfc19	numressuspc19	numresdied	numresc19died	numltcfbeds	numltcfbedsocc	c19testing	c19testingstatehlab	c19testingprivatelab	c19testingotherlab
3/17/2020	10					125		Y	Y	Y	N
4/1/2020	1	5	9	3	1	125	120	Y	Y	Y	N
4/2/2020						125		N	N	N	N
4/3/2020						125		N	N	N	N
5/1/2020	5	30	30	0	0	125	100	Y	Y	Y	N
5/4/2020		60				125		Y	Y	Y	N
5/5/2020						125	25	Y	Y	Y	N
5/29/2020	2	0	0	0	0	125	40	Y	Y	Y	N

Correcting Reported Data





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

◀ 📅 ▶ 26 April 2020 - 06 June 2020 Record Complete Record Incomplete

26	27	28	29	30	May 01	02
03	04	05	06	07 🕒 Resident	08	09
10						16
17				21	22	23
24				28	29	30
31				04	05	06

Edit Daily COVID-19 Data

Date for which counts are reported:

Resident Impact and Facility Capacity | Staff and Personnel Impact | Supplies & Personal Protective Equipment | Ventilator Capa

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

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

Click to open incomplete pathway record

Takeaways and reminders

- Facilities must report either once a week **OR** more than once a week but not both
- If reporting once a week facilities should report on the same day every week (if possible) and include only new counts since the last day counts were reported
- Use data from line list or NHSN data collection forms to document daily counts
 - Use NHSN data collection form instructions to understand case definitions for each category including non count (Y/N) categories

Takeaways and reminders

- Enter only **new** counts since the last time data was reported
- Enter ZERO (0) if the answer is zero for questions requiring counts
 - Blank data element = missing data
- Complete data for all pathways

Takeaways and reminders

- Total death counts must include deaths from all causes including COVID-19 related
- Do not remove previously entered data if resident status changes

Definition for Count data

- Admissions : Residents admitted or readmitted who were previously diagnosed with COVID-19 from another facility
- Confirmed: A resident with a new laboratory positive COVID-19 test result.
- Suspected: A resident who is being managed as though he/she has COVID-19 because of signs and symptoms suggestive of COVID-19 as described by CDC's guidance but does not have a laboratory positive COVID- 19 test result.
- Total deaths: Residents who have died **from any cause** in the facility or another location. This count includes COVID-19 related deaths **AND** non-COVID-19 related deaths.

Definition for Count data

- COVID-19 Deaths : Residents with suspected or laboratory positive COVID-19 who died in the facility or another location.
- ALL Beds: Total number of resident beds in the facility include all licensed beds (private or non-private)
- Current Census: On the date responses are being entered in the module, enter the total number of residents that are occupying a bed in the facility.
- Mechanical Ventilators: On the date responses are being reported in this module, enter the total number of mechanical ventilators available in your facility including portable ventilators.
- Mechanical ventilators in use: On the date responses are being reported in this module, enter the total number of mechanical ventilators (including portable ventilators) in use by residents with suspected or laboratory positive COVID-19.

What if my Data are Showing as Incorrect on the Centers Medicare and Medicaid Services (CMS) Website?

- Make sure you are looking at the correct time frame
- Login to NHSN and verify the number with the dates from CMS website
- FAQ for CMS data: <https://www.cdc.gov/nhsn/pdfs/covid19/lctcf/faq-cms-datarelase-508.pdf>
- Detailed information about how CMS processed NHSN data should be directed to :
 - <https://data.cms.gov/Covid19-nursing-home-data>
 - NH_COVID_Data@cms.hhs.gov

Additional Resources

- CDC's Coronavirus (COVID-19) website: <https://www.cdc.gov/coronavirus/2019-nCoV/index.html>
- NHSN COVID-19 Webpage for Long-term Care Facilities: <https://www.cdc.gov/nhsn/ltc/covid19/index.html>
- CDC's National Healthcare Safety Network (NHSN) Home Page: <https://www.cdc.gov/nhsn/index.html>
- Guidance for Retirement Communities and Independent Living: <https://www.cdc.gov/coronavirus/2019-ncov/community/retirement/index.html>
- Preparedness Checklist for Nursing Homes and Other Long-Term Care Settings: <https://www.cdc.gov/coronavirus/2019-ncov/hcp/long-term-care-checklist.html>
- Guidance for U.S. Healthcare Facilities about Coronavirus (COVID-19): <https://www.cdc.gov/coronavirus/2019-ncov/hcp/us-healthcare-facilities.html>
- Preparing for COVID-19: Long-term Care Facilities, Nursing Homes: <https://www.cdc.gov/coronavirus/2019-ncov/hcp/long-term-care.html>