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:

Marilee H. Johnson, MBA, MT (ASCP)

Technical Advisor, Infection Prevention

Quality Improvement Organizations
Sharing Knowledge. Improving Health Care.
CENTERS FOR MEDICARE & MEDICAID SERVICES

ALLIANT QUALITY

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.*

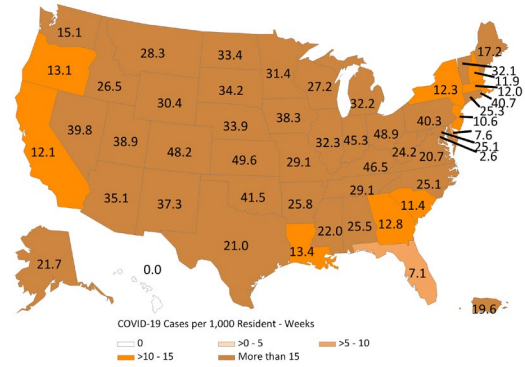- Contact either Amy or me after the Webex for one-on-one assistance at Marilee.Johnson@AlliantHealth.org or Amy.Ward@AlliantHealth.org

Skilled Nursing Facilities, Confirmed Resident Cases per 1,000 Resident-Weeks, by CCN, Inferred Data November 2-December 7
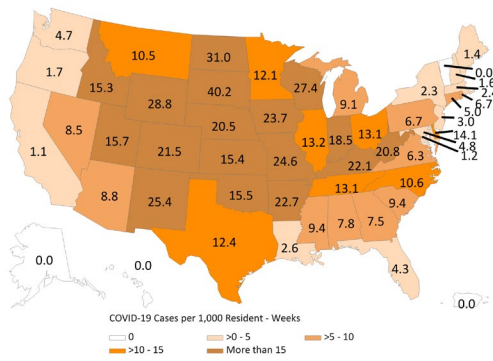
11/02/2020
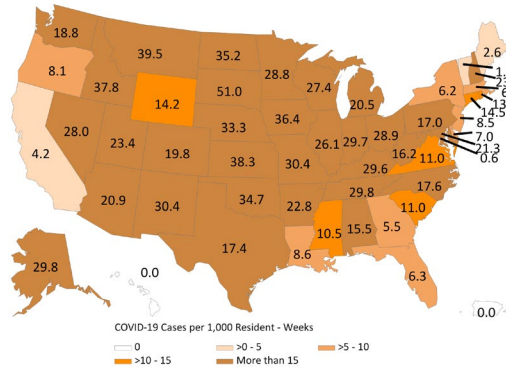
11/23/2020

12/07/2020

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

https://www.ahcancal.org/Data-and-Research/Pages/default.aspx

https://www.alliantquality.org/

Shop Talk Shorts YouTube Channel

https://www.youtube.com/playlist?list=PLXWmxni-xNHspWHhLllrqcLGlzXZPljlF

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*

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

Modification (Math Refresher)

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*

| 8 | **POSITIVE TESTS** *(previously called "Confirmed")*: Number of residents with a new positive COVID-19 viral test result. |

★★TEST TYPE: Of the number of reported residents above with a *Positive Test*, how many were tested using each of the following:

2	★★Positive SARS-CoV-2 antigen test **only** [no other testing performed]
4	★★Positive SARS-CoV-2 NAAT (PCR) [no other testing performed]
1	★★±Positive SARS-CoV-2 antigen test **and** negative SARS-CoV-2 NAAT (PCR)
1	★★±Any other combination of SARS-CoV-2 NAAT (PCR) and/or antigen test(s) with at least one positive test

±Only include if the two tests were performed **within 2 days of each other**. Otherwise, count first test only.
Important: The total for *Test Type* should equal the total for *Positive Tests*.

| 0 | ★★**RE-INFECTIONS:** Of the number of reported residents above with a *Positive Test*, how many were considered as re-infected? |

| | **SYMPTOMATIC:** Of the number of reported residents with *Re-Infections*, how many had signs and/or symptoms consistent with COVID-19? |
| | **ASYMPTOMATIC:** Of the number of reported residents with *Re-Infections*, how many did **not** have signs and/or symptoms consistent with COVID-19? |

TOTAL DEATHS: Number of residents who have died for *any* reason in the facility or another location: | 2 |

| 1 | ★★**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. |

More Modifications

Resident Impact for Non-COVID-19 (SARS-CoV-2) Respiratory Illness
INFLUENZA: Number of Residents with new influenza (flu).
RESPIRATORY ILLNESS: Number of Residents with acute respiratory illness symptoms, excluding COVID-19 and/or influenza (flu).

Resident Impact for Co-Infections
INFLUENZA and COVID-19: Number of residents with a confirmed co-infection with influenza (flu) and SARS-CoV-2 (COVID-19).

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?

Pre-Nov 23rd…The old days..

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?

Revised-Nov 23rd

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?

NONPOCRESIDENT: 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?

15

COVID-19 is Now a Subset Total Deaths

Exp. Date 11/30/2020
www.cdc.gov/nhsn

Page 2 of 2	*Required to save; **Conditional

TOTAL DEATHS: Number of residents who have died *for any* reason in the facility or another location:_____

_____**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

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.

16

Data Quality Assurance Review

Review Your NHSN Data Each Week and Compare to CMS Website
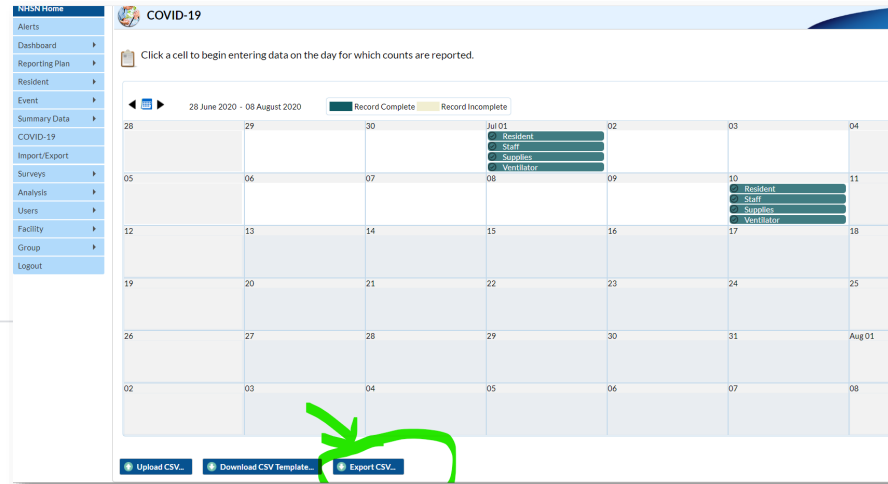
Data.**CMS**.gov

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

| Submitted Data | N | |
| Passed Quality Assurance Check | (All) | |

Count of Facilities	Column Labels							
Row Labels	⊞ May	⊞ Jun	⊞ Jul	⊞ Aug	⊞ Sep	⊞ Oct	⊞ Nov	Grand Total
AL	9	9	30	3	2	8	21	82
FL	96	23	20	24	17	10	60	250
GA	22	11	5	8	8	3	35	92
KY	41	13	8	15	10	8	32	127
LA	13	6	6	10	3	2	34	74
NC	17	5	2	2	2	2	30	60
TN	13	6	4	7	4	5	18	57
Grand Total	**211**	**73**	**75**	**69**	**46**	**38**	**230**	**742**

NHSN Data on CMS website as of Nov 29, 2020

Did *Your* Data Pass QA on data.cms.gov?

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

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: https://www.alliantquality.org/wp-content/uploads/2020/10/October-ShopTalk_12SOW-AHSQIN-QIO-TO1NH-20-345_508.pdf

Thru Week ending **11/29/20** CMS website: https://data.cms.gov/Special-Programs-Initiatives-COVID-19-Nursing-Home/COVID-19-Nursing-Home-Dataset/s2uc-8wxp/data

Check Your Data

	Confirmed Resident Cases								Confirmed Staff Cases								Potential Outbreak Alerts			Potential Data Quality Issues		
	9/14-9/20	9/21-9/27	9/28-10/4	10/05-10/11	10/12-10/18	10/19-10/25	10/26-11/01	11/02-11/08	9/14-9/20	9/21-9/27	9/28-10/4	10/05-10/11	10/12-10/18	10/19-10/25	10/26-11/01	11/02-11/08	Status	Resident Alert	Staff Alert	Res_Case_Alert_1 0	Resident Pathway	Staff Pathway
NH1	0	0	0	0	0	**15**	**13**	0	2	2	0	2	4	24	6	3	OT	0	0N	5	Y	N
NH2	0	0	3	12	2	**11**	**18**	9	0	0	3	5	0	3	6	5	OT	0	0N	4	Y	N
NH3	**19**	**13**	**21**	**14**	**12**	9	2	0	5	9	4	9	9	5	4	0	OT	0	0N	1	Y	N
NH4	0	0	0	0	0	**20**	**45**	9	0	0	0	0	0	2	11	22	OT	0	0N	1	Y	Y
NH5	0	1	0	0	**19**	**15**	**10**	2	0	1	0	2	5	16	15	6	OT	0	0N	8	Y	Y
NH6	0	0	0	0	**13**	**11**	3	0	0	0	0	12	4	2	0	0N	5	Y	Y
NH7	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	OT	0	0N	3	N	Y
NH8	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	IT	0	0N	2	N	Y

- 2 or more in a row > 10

- 2 of the same numbers entered sequentially
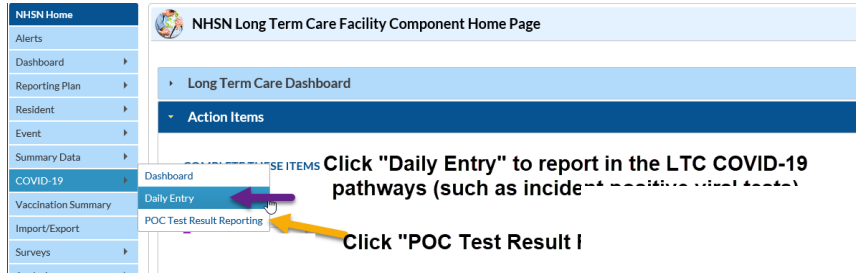
Data Quality in NHSN

Is data plausible based on census?

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,]

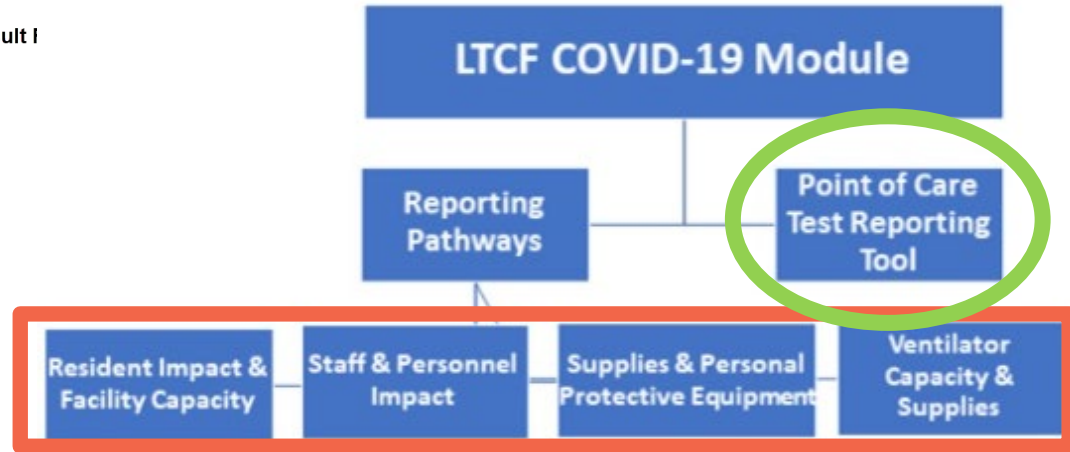TIP: Data is uploaded to the CMS website on Sunday night….and available to view 11 days later on Thursday.

Refresher & Recap

When-What-Where Do I Report?

NHSN Home
Alerts
Dashboard
Reporting Plan
Resident
Event
Summary Data
COVID-19
Vaccination Summary
Import/Export
Surveys

Dashboard
Daily Entry
POC Test Result Reporting

NHSN Long Term Care Facility Component Home Page

Long Term Care Dashboard

Action Items

Click "Daily Entry" to report in the LTC COVID-19 pathways (such as incident positive viral tests)

Click "POC Test Result I

POCT- within 24 hours

Daily Entry Pathways – At least weekly mandate

LTCF COVID-19 Module

Reporting Pathways

Point of Care Test Reporting Tool

Resident Impact & Facility Capacity

Staff & Personnel Impact

Supplies & Personal Protective Equipment

Ventilator Capacity & Supplies

24

What Rights Do I Have?

Data Submission Clarification
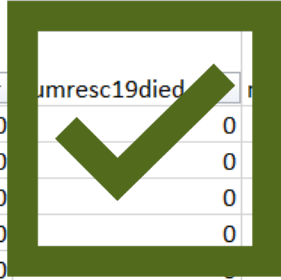## ~Data on Each Day

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

26

Daily Counts

Daily Calendar

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

NHSN Notification Message

LTCF

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 sending further separate emails will only increase our ba...
   b. Facility administrato... for your existing Lev... further increase the...

Delete   Respond   Quick Steps   Move   Tags   Editing   Zoon

Thu 12/3/2020 5:06 PM

nhsn@cdc.gov

[External]Re: LTCF-Data /QA/ Please remove flags - Thank you, NHSN has received your inquir...   Ticket# KC3I165815

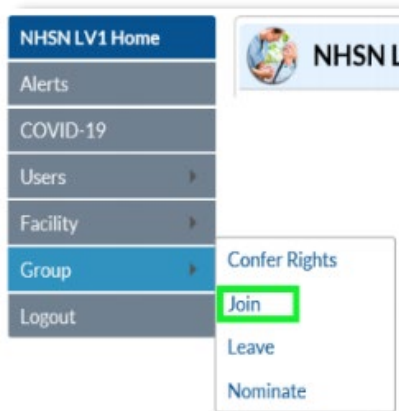To   ☐ Marilee Johnson

Phish Alert V2

Join Alliant Quality's Group in NHSN
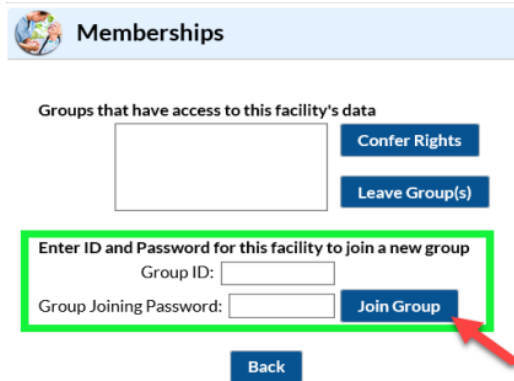
Join & Confer Rights to Alliant Quality

Group Name: Alliant Quality-LTC

Group ID: 83378   **Joining Password:** Alliant20!

32

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

CMS Targeted COVID-19 Training for Nursing Home Management

This Targeted COVID-19 Training for Nursing Home Management is intended to provide administrative staff members with best practices for containing and preventing the spread of COVID-19 in nursing homes. This training will aid you in prioritizing resident and staff health during the COVID-19 pandemic.

https://qsep.cms.gov/welcome.aspx

New Hand Hygiene Poster & Badge
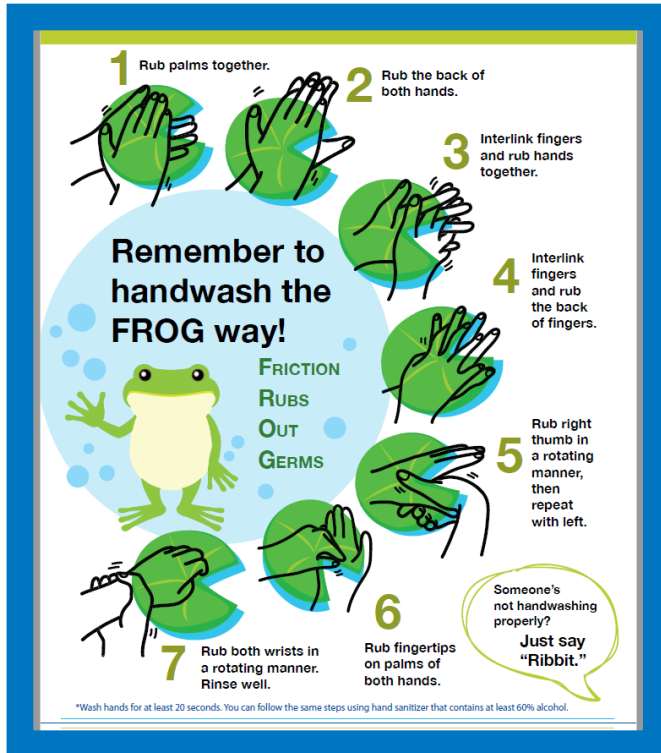
Mark Your Calendar

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

Mark Your Calendar!

Shop Talk 3rd Thursdays at 2pm ET:

January 21st 2020: https://bit.ly/3oTETiW

February 18th 2020: https://bit.ly/37n28vT

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)

Technical Advisor, Infection Prevention

Marilee.Johnson@AlliantHealth.org | 919.695.8331

Amy Ward, MS, BSN, RN, CIC
Infection Prevention Specialist
Amy.Ward@AlliantHealth.org | 678.527.3653

Melody Brown, MSM
Aim Manager, Patient Safety
Melody.Brown@AlliantHealth.org | 678.527.3466

Making Health Care Better *Together*

ALABAMA • FLORIDA • GEORGIA • KENTUCKY • LOUISIANA • NORTH CAROLINA • TENNESSEE

ALLIANT HEALTH SOLUTIONS

f **@AlliantQualityOrg**

in **Alliant Quality**

@AlliantQuality

▶ **Alliant Quality**

Quality Improvement Organizations
Sharing Knowledge. Improving Health Care.
CENTERS FOR MEDICARE & MEDICAID SERVICES

≋ALLIANT QUALITY