

Infection Control Assessment and Promotion Program

NEBRASKA

Good Life. Great Mission.

COVID-19 and LTC June 30, 2022

Presentation Information:

Panelists today are:

Rick Starlin, MD

Kate Tyner, RN, BSN, CIC

Margaret Drake, MT(ASCP), CIC

Lacey Pavlovsky, RN, MSN, CIC

Rebecca Martinez, BA, BSN, RN, CIC

Jody Scebold, EdD, MSN, RN

Daniel Taylor, DHHS

Becky Wisell, DHHS

Cindy Kadavy, NHCA

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Melody Malone, PT, CPHQ, MHA

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Moderated by Marissa Chaney

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Slides and a recording of this presentation will be available on the ICAP website: https://icap.nebraskamed.com/covid-19-webinars/

Use the Q&A box in the webinar platform to type a question. Questions will be read aloud by the moderator.

If your question is not answered during the webinar, please either e-mail it to NE ICAP or call during our office hours to spe with one of our IPs.



Continuing Education Disclosures

- ■1.0 Nursing Contact Hour and 1 NAB Contact Hour is awarded for the LIVE viewing of this webinar
- In order to obtain nursing contact hours, you must be present for the entire live webinar and complete the post webinar survey
- No conflicts of interest were identified for any member of the planning committee, presenters or panelists of the program content
- This CE is hosted Nebraska Medicine along with Nebraska ICAP and Nebraska DHHS
- Nebraska Medicine is approved as a provider of nursing continuing professional development by the Midwest Multistate Division, an accredited approver by the American Nurses Credentialing Center's (ANCC) Commission on Accreditation





TMF Health Quality Institute CMS Quality Improvement Organization

Melody Malone, PT, CPHQ, MHA Quality Improvement Specialist







Upcoming TMF QIN-QIO Training

July 5, 2022 Office Hours: A Retrospective of Top COVID-19 Response Strategies

10:30 a.m. CT

<u>Register</u>

July 12, 2022 **Q&A: NHSN Reporting on COVID-19 Boosters**

10:30 a.m. CT

Register



Upcoming TMF QIN-QIO Training

July 19, 2022 Office Hours: Q & A

10:30 a.m. CT

Register

July 21, 2022 LTC Connect – Infection Control Practices and Training

Register

1:30 p.m. CT



Upcoming TMF QIN-QIO Training

July 26, 2022 Office Hours: Engaging Family Members in Medical Decision Making

10:30 a.m. CT

Register



NHSN Updates for Vaccinations

New up to date vaccination definition started
 Monday, June 27th Covid-19 Up to Date Vaccination
 Guidance See page 2

Up to date with COVID-19 vaccines

Individuals are considered up to date with their COVID-19 vaccines during the surveillance period of June 27, 2022 through September 2, 2022 for the purpose of NHSN surveillance if they meet (1) of the following criteria*:

If Under 50 Years:	If 50 Years and Older:		
Received at least one booster dose	Received second booster dose (or received first booster dose less than 4 months ago and not yet eligible for a second booster dose)		
<u>or</u>	<u>or</u>		
Recently received all recommended doses in the primary	Recently received all recommended doses in the primary vaccine		
vaccine series but is not yet eligible for a booster dose. This	series but is not yet eligible for a booster dose. This includes:		
includes:			
a) Those who completed their 2-dose primary series of	a) Those who completed their 2-dose primary series of an		
an mRNA COVID-19 vaccine (Pfizer-BioNTech or	mRNA COVID-19 vaccine (Pfizer-BioNTech or Moderna)		
Moderna) less than 5 months ago.	less than 5 months ago.		
b) Those who received a single dose of Janssen less	b) Those who received a single dose of Janssen less than		
than two months ago.	two months ago.		

^{*}Individuals with a moderately to severely immunocompromising condition are considered up to date in the following cases:

- 1) Received an additional dose less than three months ago, if primary series was the Moderna or Pfizer-BioNTech COVID-19 vaccine; or
- 2) Received an additional dose less than two months ago, if primary series was the Janssen COVID-19 vaccine; or
- 3) Received an additional dose and one booster dose less than four months ago; or

4) Received a second booster dose.

Primary vaccine series

Completing a primary vaccine series means receiving:

- A 2-dose series of an mRNA COVID-19 vaccine (Pfizer-BioNTech and Moderna), OR
- A single dose of Janssen COVID-19 vaccine

Booster dose

A booster dose is a subsequent dose of vaccine administered to enhance or restore protection which might have waned over time after primary series vaccination.



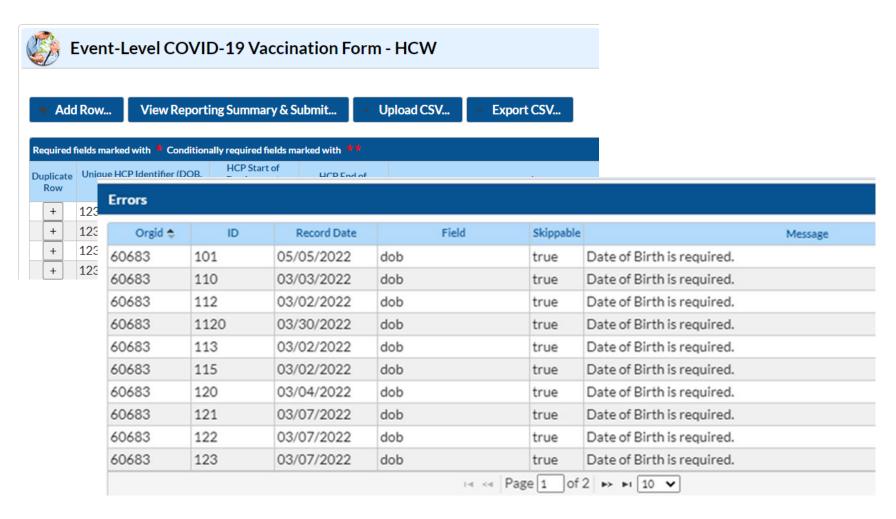
NHSN Updates for Vaccinations

 Event-Level Tool requires date of birth as a new field both residents and Healthcare Workers

Weekly HCP & Resident COVID-19 Vaccination

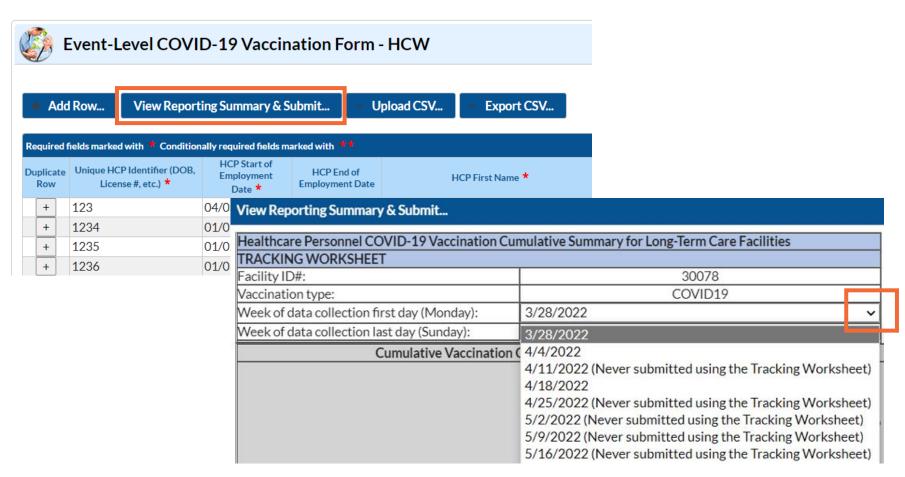


Event-Level Error Message for Birthdate





View Reporting Summary & Submit





Event-Level COVID-19 Vaccination Data .CSV Data Import Files Updates

- Variable description and file layout for event-level (person-level) vaccination forms June 2022
- .CSV File Template for LTCF Residents June 2022
- Example .CSV File for LTCF Residents June 2022
- .CSV File Template for LTCF HCP June 2022
- Example.CSV File for LTCF HCP June 2022



NHSN Tips

- Event-Level: Sort, put the discharged/left at the bottom of the list, then add the birthdates to those who are currently in the facility
 - If you don't update this you will get the error message for each person, in 1 big error message

 Complete Event-Level first, then you'll know Up To Date status for those you are putting in the Resident Impact and Facility Capacity Pathway for Newly Confirmed SARS-CoV-2 Viral Test Result.



NHSN Training Resources

<u>LTCF COVID-19 Module: Surveillance Pathway</u>
 <u>Updates – May 2022 Video</u> 35 minutes

Up to Date Vaccination Status: Surveillance
 Definition Change – June 2022 Slideset

 NHSN Event-Level Vaccination Forms: Office Hours and FAQs – June 2022 Slideset



TMF QIN-QIO Resources

- New Video: <u>COVID-19 Vaccinations and Health</u> <u>Equity</u> (27 minutes)
 - Handout



TMF QIN-QIO Resources

Website: tmfnetworks.org

How to Create an Account on the TMF Network

TMF Events Calendar

Nursing Home Resources

Quality Measures Video Series

QAPI Video Series



Need Assistance?

Email nhnetwork@tmf.org.

Submit requests for help with NHSN and/or quality improvement assistance.

Nebraska Statistics





If you contacted Margaret Drake directly, please use:

Call: 402-552-2881

E-mail:

NebraskalCAP@nebraskamed.com



Nebraska Statistics

Transmission metrics

DAILY NEW CASES PER 100K

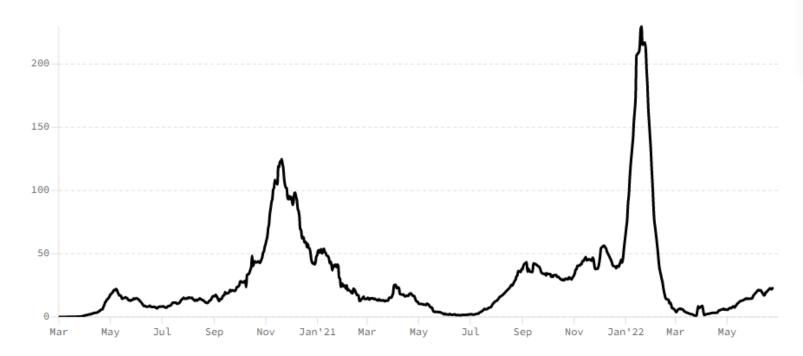
22.7

INFECTION RATE

POSITIVE TEST RATE

1.09

22.2%



Over the last week, Nebraska has averaged 439 new confirmed cases per day (22.7 for every 100,000 residents). About this data



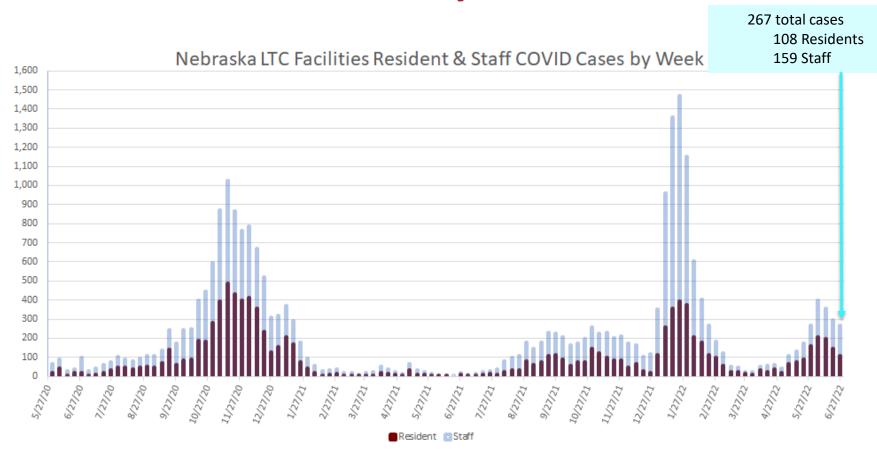


Nebraska Statistics

Week	Daily New Cases/ 100K	Infection Rate	Positive Test Rate	ICU Capacity Used	Vaccinated 1+	Vaccinated + Booster
03/03/2022	3.8	0.43	8.1%	73%	69.4%	30.2%
03/10/2022	6.5	0.64	7.3%	71%	69.5%	30.3%
3/24/2022	2.1	0.63	4.5%	71%	69.7%	30.7%
4/7/2022	1.3	1.06	3.7%	71%	70.0%	31.7%
4/14/2022	3.0	0.81	4.5%	71%	70.0%	31.7%
4/21/2022	3.4	0.95	5.1%	67.0%	70.1%	31.9%
4/28/2022	6.1	1.21	5.6%	65%	70.2%	32.1%
5/5/2022	6.5	1.17	7.7%	70%	70.3%	32.2%
5/12/2022	7.4	1.12	9.9%	63%	70.4%	32.3%
5/19/2022	12.6	1.25	12.8%	67%	70.4%	32.4%
5/26/2022	13.1	1.29	14.0%	70%	70.5%	32.4%
6/2/2022	14.7	1.16	15.1%	68%	70.5%	32.5%
6/9/22	21.3	1.20	18.5%	69%	70.6%	32.8%
6/16/22	17.6	1.09	18.5%	71%	70.7%	32.9%
6/23/22	22.7	1.03	20.3%	72 %	70.7%	32.9%
6/30/22	22.7	1.09	22.2%	71%	70.8%	33.0%



Nebraska LTC Facility COVID-19 Cases

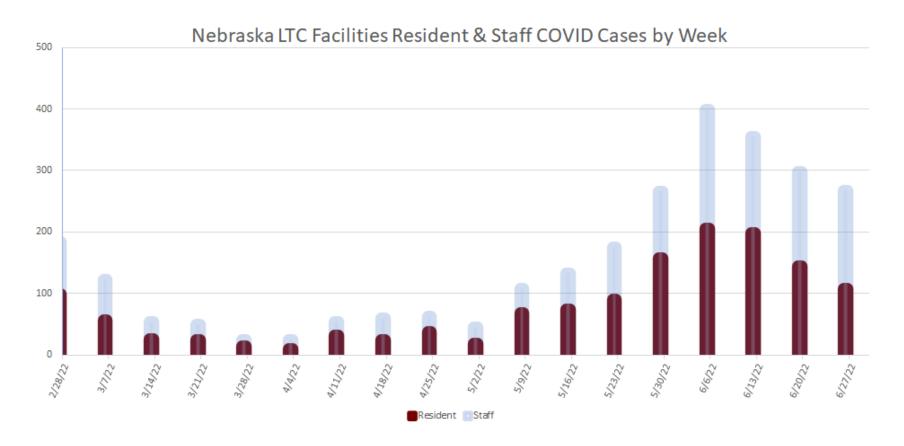


Source: Unofficial Counts Compiled by Nebraska ICAP based on data reported by facilities and DHHS; Actual numbers may vary slightly



^{**}Updated: 6/27/2022

Nebraska LTC Facility COVID-19 Cases



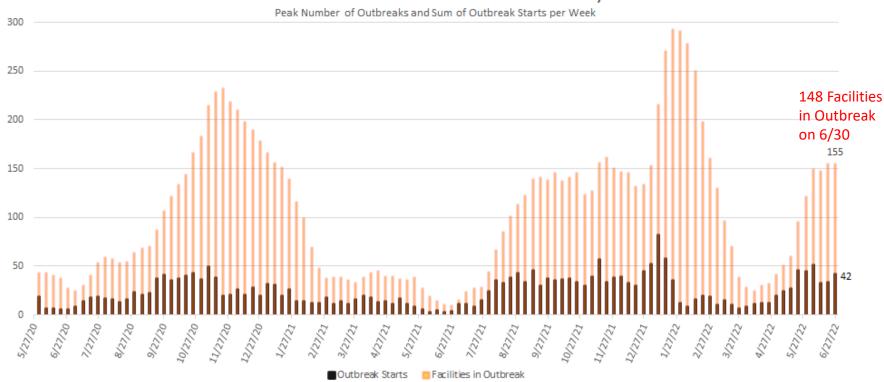
Source: Unofficial Counts Compiled by Nebraska ICAP based on data reported by facilities and DHHS; Actual numbers may vary slightly



^{**}Updated: 6/27/2022

Nebraska LTC Facility COVID-19 Cases

Nebraska LTC Facilities in COVID Outbreak by Week



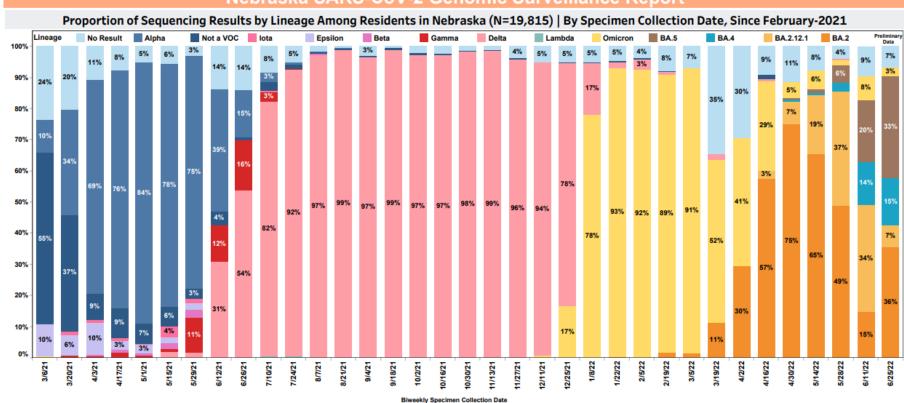
**Updated: 6/27/2022

Source: Unofficial Counts Compiled by Nebraska ICAP based on data reported by facilities and DHHS; Actual numbers may vary slightly. Numbers reflect the peak during the week.



NE Genomic Surveillance





biweekly Specimen Collection i

Data Source: COVID-19 Whole Genome Sequencing Lab Reports, Nebraska Electronic Disease Surveillance System (NEDSS)

Included In the graph represents a two week period that ends on Saturday. The date label above is the last day in that two week period

2. "No Result" means there is an insufficient level or quality of sequence specimen to detect a lineage successfully

3. Results are continuously updated as DHHS receives additional sequences for partner laboratories. All results should be considered preliminary as we frequently receive sequences that are months old from external partners. The most recent bar is marked as preliminary in the graph because that bar is expected to change the most as more sequences are received in upcoming weeks.



Reminder to Keep Collecting and Sending PCRs for Sequencing

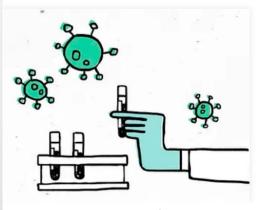


Image Courtesy rawpixel.com

- As COVID-19 case counts and hospitalizations decline throughout the state, the risk of new (variant of concern) VOC introductions remains.
- LTC facilities entering outbreak should send nasopharyngeal specimens to NPHL on initial positive cases
- Obtaining genotypes from residents with COVID-19 will help facilitate earlier detection of a VOC possibly associated with more severe outcomes, if one emerges.





Infection Control Assessment and Promotion Program

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Paxlovid Studies

Paxlovid Study – MMWR June 21, 2022

Hospitalization and Emergency Department Encounters for COVID-19 After Paxlovid Treatment — California, December 2021–May 2022

Weekly / June 24, 2022 / 71(25);830-833

On June 21, 2022, this report was posted online as an MMWR Early Release.

Deborah E. Malden, DPhil^{1,2}; Vennis Hong, MS²; Bruno J. Lewin, MD^{2,3}; Bradley K. Ackerson, MD²; Marc Lipsitch, DPhil^{4,5}; Joseph A. Lewnard, PhD⁶; Sara Y. Tartof, PhD^{2,3} (View author affiliations)

What is added by this report?

 COVID-19—related hospital admissions and emergency department (ED) encounters occurring 5–15 days after Paxlovid treatment were described using data from a large integrated health care system. Reports of such hospitalizations or ED encounters occurred infrequently, representing <1% of Paxlovid-treated patients over the study period.

What are the implications for public health practice?

• When administered as an early-stage treatment, Paxlovid might prevent COVID-19—related hospitalization among persons with mild-to-moderate COVID-19 who are at risk for progression to severe disease.

Paxlovid Study – MMWR June 24, 2022

Dispensing of Oral Antiviral Drugs for Treatment of COVID-19 by Zip Code-Level Social Vulnerability — United States, December 23, 2021–May 21, 2022

Weekly / June 24, 2022 / 71(25);825-829

On June 21, 2022, this report was posted online as an MMWR Early Release.

Jeremy A.W. Gold, MD¹; James Kelleher²; Jake Magid; MEng²; Brendan R. Jackson, MD¹; Meghan E. Pennini, PhD³; Diana Kushner, MPH³; Emily J. Weston, MPH^{1,3}; Bobby Rasulnia, PhD¹; Sachiko Kuwabara, PhD^{1,3}; Kelly Bennett, MPH³; Barbara E. Mahon, MD¹; Anita Patel, PharmD¹; John Auerbach, MBA¹ (View author affiliations)

What is added by this report?

• During December 23, 2021—May 21, 2022, 1,076,762 oral antiviral prescriptions were dispensed in the United States. The overall number of antivirals dispensed increased; however, by the end of the study period, dispensing rates were lowest in high vulnerability zip codes, despite these zip codes having the largest number of dispensing sites.

What are the implications for public health practice?

• Additional public health, regulatory, and policy efforts might help decrease barriers to oral antiviral access, particularly in communities with high social vulnerability.

Order Paxlovid from Nebraska ASAP



Click here COVID-19 Treatment - Antibiotic Stewardship Assessment & Promotion Program - Nebraska Medicine

- Paxlovid (nirmatrelvir; ritonvir) is offered as the recommended first-line agent.
- When Paxlovid is not feasible due to contraindications and/or major drug interactions, we also offer oral molnupiravir or IV monoclonal antibody.
- IV Remdesivir is also a treatment option, though not available through ASAP program.

Click here to access the Monoclonal Antibody Resources
Click here to access the Paxlovid Resources
Click here to access the Molnupiravir Resources

Survey for New COVID-19 Cases Eligible to Receive COVID-19 Treatment

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Please complete the survey below.

This survey is designed to capture information on patients eligible to receive Monoclonal Antibody or Paxlovid or Molnupiravir. Entering this information here does not qualify as a prescription, and a prescriber at your institution will still need to write an order for the drug to be included in the medical record. Once your new case(s) have been entered and processed, Andrew Watkins, pharmacist coordinator for Nebraska ASAP, will be in contact to coordinate drug distribution.

This survey requires contact information as well as questions regarding baseline requirements to receive this drug. After these, there are questions about specific COVID-19 positive patients. We are including enough blanks for 5 patients per survey. If your facility has less than 5, leave the additional patient fields blank. If your facility has more than 5, you will have to fill out the survey multiple times.

Please note that Molnupiravir option is intended only for whom alternative COVID-19 treatment options authorized by FDA are not accessible or clinically appropriate.

ontact Information		
Facility Name * must provide value		
Facility City * must provide value		
Facility County * must provide value		
Facility Type * must provide value	O SNF/NF O ALF	reset



Infection Control Assessment and Promotion Program

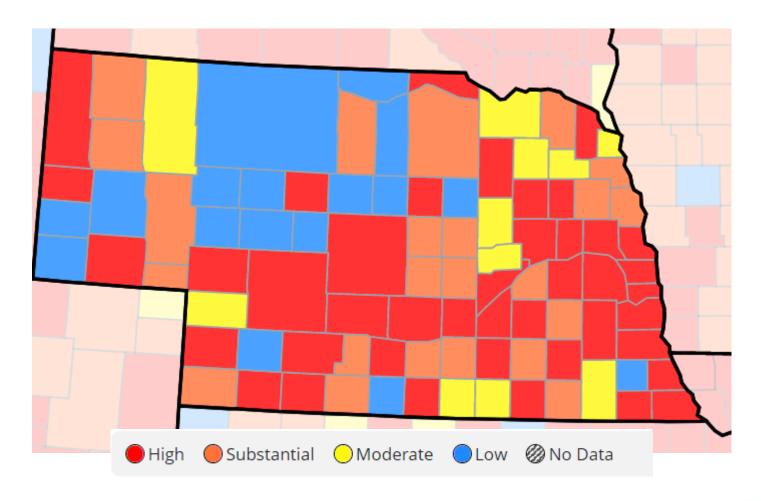
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COVID Updates & Resources

Community Transmission Rate





Community Transmission Rate Influences...

HCP working in facilities located in counties with <u>substantial or high transmission</u> should also use PPE as described below:

- NIOSH-approved N95 or higher-level respirator used for all aerosol-generating procedures.
 - •To simplify implementation, facilities in counties with substantial or high transmission may consider implementing universal use of N95 during all patient care encounters.
- Eye protection (i.e., goggles or a face shield that covers the front and sides of the face) should be worn during all patient care encounters.
 - ICAP Eye-Protection-Risk-Assessment-updtd-03.24.22.pdf (nebraskamed.com)



Community Transmission Rate Influences...

In nursing homes located in counties with substantial to high community transmission, HCP that are not up to date with all recommended COVID-19 vaccine doses should have a viral test twice a week.

Table 2: Routine Testing Intervals by County COVID-19 Level of Community Transmission

Level of COVID-19 Community Transmission	Minimum Testing Frequency of Staff who are not up-to-date ⁺
Low (blue)	Not recommended
Moderate (yellow)	Once a week*
Substantial (orange)	Twice a week*
High (red)	Twice a week*

^{*}Staff who are up-to-date do not need to be routinely tested.



^{*}This frequency presumes availability of Point of Care testing on-site at the nursing home or where off-site testing turnaround time is <48 hours.

Community Transmission Rate Influences...

Source control and physical distancing (when physical distancing is feasible and will not interfere with provision of care) are recommended for **everyone in a healthcare setting**. This is particularly important for individuals, <u>regardless of their vaccination status</u>, who <u>live or work in counties with substantial to high community transmission</u>.





Community Transmission Rate Influences...

While it is generally safest to implement universal use of source control for everyone in a healthcare setting, the following allowances could be considered for individuals who are up to date with all recommended COVID-19 vaccine doses (who do not otherwise meet the criteria described above) in healthcare facilities located in counties with low to moderate community transmission.

- HCP who are up to date with all recommended COVID-19 vaccine doses could choose not to wear source control or physically distance when they are in well-defined areas that are restricted from patient access (e.g., staff meeting rooms, kitchen).
- If the resident and all their visitor(s) are up to date with all recommended COVID-19 vaccine doses, they can choose not to wear source control and to have physical contact.
- Consideration could be given to allowing residents who are up to date with all recommended COVID-19 vaccine doses to not use source control when in communal areas of the facility.



7 or 14 days or quarantine and testing?

- Quarantine (yellow zone) and Outbreak Testing are two different control measures.
- Quarantine residents who are close contacts for at least 7 days since last exposure while continuing to test.
- When there is a positive resident or staff; complete outbreak testing for 7 days since last exposure on the staff and residents in the area/unit who were around the positive person.
- Outbreak testing to be completed at least twice weekly for 7 days. If no new cases are identified, then quarantine and outbreak testing stops.



Note that in general, the 7-day standard will be used; however, for on-going transmission especially with more resident cases, outbreak testing may continue with a 14-day standard and quarantine extended as applicable after discussion with ICAP



Duration of Isolation – Resident(s)

Residents with mild to moderate illness who are <u>not</u> moderately to severely immunocompromised:

- At least 10 days have passed since symptoms first appeared and
- At least 24 hours have passed since last fever without the use of fever-reducing medications and
- Symptoms (e.g., cough, shortness of breath) have improved

Residents with <u>severe to critical illness</u> and who are <u>not</u> moderately to severely immunocompromised: At least 10 days and up to 20 days have passed *since symptoms first appeared* and

- At least 24 hours have passed since last fever without the use of fever-reducing medications and
- Symptoms (e.g., cough, shortness of breath) have improved

The test-based strategy should be used to inform duration of isolation for moderately to severely immunocompromised residents.



Duration of Isolation & Quarantine – Staff

Work Restrictions for HCP With SARS-CoV-2 Infection and Exposures

"Up to Date" with all recommended COVID-19 vaccine doses is defined in Stay Up to Date with Your Vaccines | CDC

For more details, including recommendations for healthcare personnel who are iimmunocompromised, have severe to critical illness, or are within 90 days of prior infection, refer to Interim Guidance for Managing Healthcare Personnel with SARS-CoV-2 Infection or Exposure to SARS-CoV-2 (conventional standards) and Strategies to Mitigate Healthcare Personnel Staffing Shortages (contingency and crisis standards).

Work Restrictions for HCP With SARS-CoV-2 Infection

Vaccination Status	Conventional	Contingency	Crisis
Up to Date and Not Up to Date	10 days OR 7 days with negative test [†] , if asymptomatic or mild to moderate illness (with improving symptoms)	5 days with/without negative test, if asymptomatic or mild to moderate illness (with improving symptoms)	No work restriction, with prioritization considerations (e.g., types of patients they care for)

Work Restrictions for Asymptomatic HCP with SARS-CoV-2 Exposures

Vaccination Status	Conventional	Contingency	Crisis
Up to Date	No work restrictions, with negative test on days 1 [‡] and 5–7	No work restriction	No work restriction
Not Up to Date	10 days OR 7 days with negative test [†]	No work restriction with negative tests on days 1 [†] , 2, 3, & 5–7 (if shortage of tests prioritize Day 1 to 2 and 5-7)	No work restrictions (test if possible)

†Negative test result within 48 hours before returning to work

‡For calculating day of test: 1) for those with infection consider day of exposure as day 0; 2) for those with exposure consider day of exposure as day 0



CS328856-A | 01/07/2022

cdc.gov/coronavirus



SAVE THE DATE

Friday, August 12, 2022 7:30 am - 4 pm

NE Antimicrobial Stewardship Summit Refocusing on Stewardship

Embassy Suites by Hilton | Downtown Omaha Old Market



Continuing education credits will be available

- Content targeted at providers, pharmacists, nurses, medical directors, quality program leaders, infection preventionists, and other staff interested in stewardship
- Presentations about antimicrobial stewardship strategies and implementation, the role of IP surveillance on stewardship, management of infections in the nursing home, and the role of consultant pharmacists on stewardship, among others
- Dedicated breakout session in the afternoon for long-term care providers/staff



2022 Nebraska Antimicrobial Stewardship Summit

- August 12, 2022 <u>in-person</u> at Embassy Suites in Downtown Omaha
- Physician, nurse, pharmacist, and medical laboratory scientist
 CE credits will be available
- Registration fee: \$99
- Register now at the following link:
 - https://www.unmc.edu/cce/catalog/clinicmed/neb-asap-summit/index.html



ICAP Updates and Information







Infection Control Training For Your Facility

- Project Firstline is Infection Control (IC) training for your frontline healthcare workers
- Why is it important? Infection Control:
 - Works! The right practices can stop germs from spreading in healthcare facilities.
 - Is a Team Effort! Infection control is most effective when all team members use it consistently.
 - Matters! Infection control is a critical part of safe healthcare delivery in all healthcare settings.
- > To find out more or to schedule a training for your facility, scan the QR code or visit: icap.nebraskamed.com/project-firstline/

Infection Prevention and Control Hotline Number:

Call 402-552-2881

Office Hours are Monday – Friday 8:00 AM - 4:00 PM Central Time

On-call hours are available for emergencies only

Weekends and Holidays from 8:00 AM- 4:00 PM
Please call the main hotline number only during on-call hours



Webinar CE Process

1 Nursing Contact Hour and 1 NAB Contact Hour is offered for attending this LIVE webinar.

Individual surveys must be completed for each attendee.

Questions? Contact Marissa at:

Machaney@nebraskamed.com 402-552-2881

Nursing Contact Hours:

- Completion of survey is required.
 - The survey must be specific to the individual obtaining credit. (i.e.: 2 people cannot be listed on the same survey)
- One certificate is issued monthly for all webinars attended
- Certificate comes directly from ICAP via email
- Certificate is mailed by/on the 15th of the next month

NAB:

- Completion of survey is required.
 - ➤ The survey must be specific to the individual obtaining credit. (i.e.: 2 people cannot be listed on the same survey)
- You must have a NAB membership
- Credit is retrieved by you
- Any issues or questions regarding your credit must be directed to NAB customer service.
 - ICAP can verify survey completion and check the roster list
- Due to NAB changes, attendance will be submitted quarterly. ICAP will send an email stating when 2022 credits are ready for retrieval.

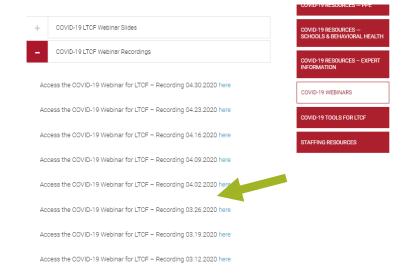


Questions and Answer Session

Use the QA box in the webinar platform to type a question. Questions will be read aloud by the moderator.

Panelists:

- Rick Starlin, MD
- Kate Tyner, RN, BSN, CIC
- Margaret Drake, MT(ASCP),CIC
- Lacey Pavlovsky, RN, MSN, CIC
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- Melody Malone, PT, CPHQ, MHA
- Debi Majo, BSN, RN
- Carla Smith, RN, CDP, IP-BC, AS-BC



<u>COVID-19 Webinars - CDC Nebraska</u> <u>Infection Control Assessment & Promotion</u> <u>Program (nebraskamed.com)</u>



Moderated by Marissa Chaney Supported by Margaret Deacy Slide support from Josette McConville

