



Nebraska Statewide Infectious Disease Updates

October 15, 2024



Nebraska Updates

TUESDAY 10/15/2024



-
- **International and National Updates- James Lawler**
 - **ICAP LTC & ALF Updates – Juan Teran**
 - **Public Health and Coalition Leader Updates**
 - **Other Updates - All**

Omaha Eppley Airport

Disaster Exercise



Request for Volunteers!!!

October 19, 2024

7:00am—2:00pm

(Volunteers are required to stay the entire time – End time IS approximate.)

Volunteers (age 18 or older) are needed to portray accident victims during a mock disaster incident at Eppley Airport.

Pre-registration is REQUIRED – Please forward your name, age, email and contact phone number to Patti Motl at mrceppley3@gmail.com

Updates and more information will be provided when all information is received!



The Mendon AMTRAK Crash: *Lessons for the Rural Response System*



Wednesday, November 13th @ 1PM, CST

This Zoom webinar will be presented by: Josh Stilley, MD, FAEMS

When a passenger train derailed in rural northwest Missouri, a coordinated EMS and fire response was essential to taking care of the injured.

Unique elements of the rural location both aided in and hampered response efforts. This presentation will cover successes as well as lessons learned.

Objectives:

- Describe the events of the 2022 Mendon AMTRAK Derailment
- Explain principles of Mass Casualty Response to the Rural EMS setting
- Identify unique benefits and limitations of an MCI in a rural location
- Examine the role of the Rural EMS Medical Director in a Mass Casualty Event
- Discuss lessons learned to take back to your agency for implementation

This webinar is designed for physicians, nurses, first responders, healthcare coalitions, public health, emergency managers, federal and state partners and other professionals throughout Region 7 (IA, KS, MO, and NE) and beyond.
Continuing education credits will be provided.



JOINTLY ACCREDITED PROVIDER
INTERPROFESSIONAL CONTINUING EDUCATION

In support of improving patient care, University of Nebraska Medical Center is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Scan the QR Code to Register



2025 NEBRASKA PREPAREDNESS SYMPOSIA

Join us for an engaging day-long Symposia tailored for professionals involved in Emergency Preparedness/Response in healthcare (including pre-hospital), public health, emergency management and other sectors. This day-long workshop offers a comprehensive overview of critical updates and best practices to enhance your preparedness strategies and response capabilities. The Symposia will cover the latest state preparedness updates, CMS regulation updates, roles in tornado response, weather-related information resources, and integrating health equity into disaster planning and healthcare surge management. This year's symposia was designed to complement the upcoming healthcare coalitions' Regional Medical Response Surge Exercise (MRSE).

CLICK ON LOCATION NAME FOR REGISTRATION LINK

- Panhandle Region (PRMRS)**
Tuesday, January 14, 2025
Gering Civic Center, Gering, NE
- Nebraska Plains Region (NPHCC)**
Tuesday, January 28, 2025
Mid-Plains Community College, North Platte, NE
- Southeast Nebraska Region (SENHCC)**
Tuesday, February 11, 2025
Nebraska Innovation Campus, Lincoln, NE
- Omaha Region (OMHCC)**
Tuesday, March 18, 2025
Bellevue University, Bellevue, NE
- Central Nebraska Region (TRIMRS)**
Tuesday, March 28, 2025
The Archway, Kearney, NE
- North Central & Northeast Nebraska Regional (RRMRS)**
Tuesday, April 15, 2025
Divots Conference Center, Norfolk, NE



Scan the QR Code to Register



UNIVERSITY OF NEBRASKA MEDICAL CENTER™

**CENTER FOR PREPAREDNESS AND
EMERGENCY RESPONSE SOLUTIONS**



COVID-19 Testing

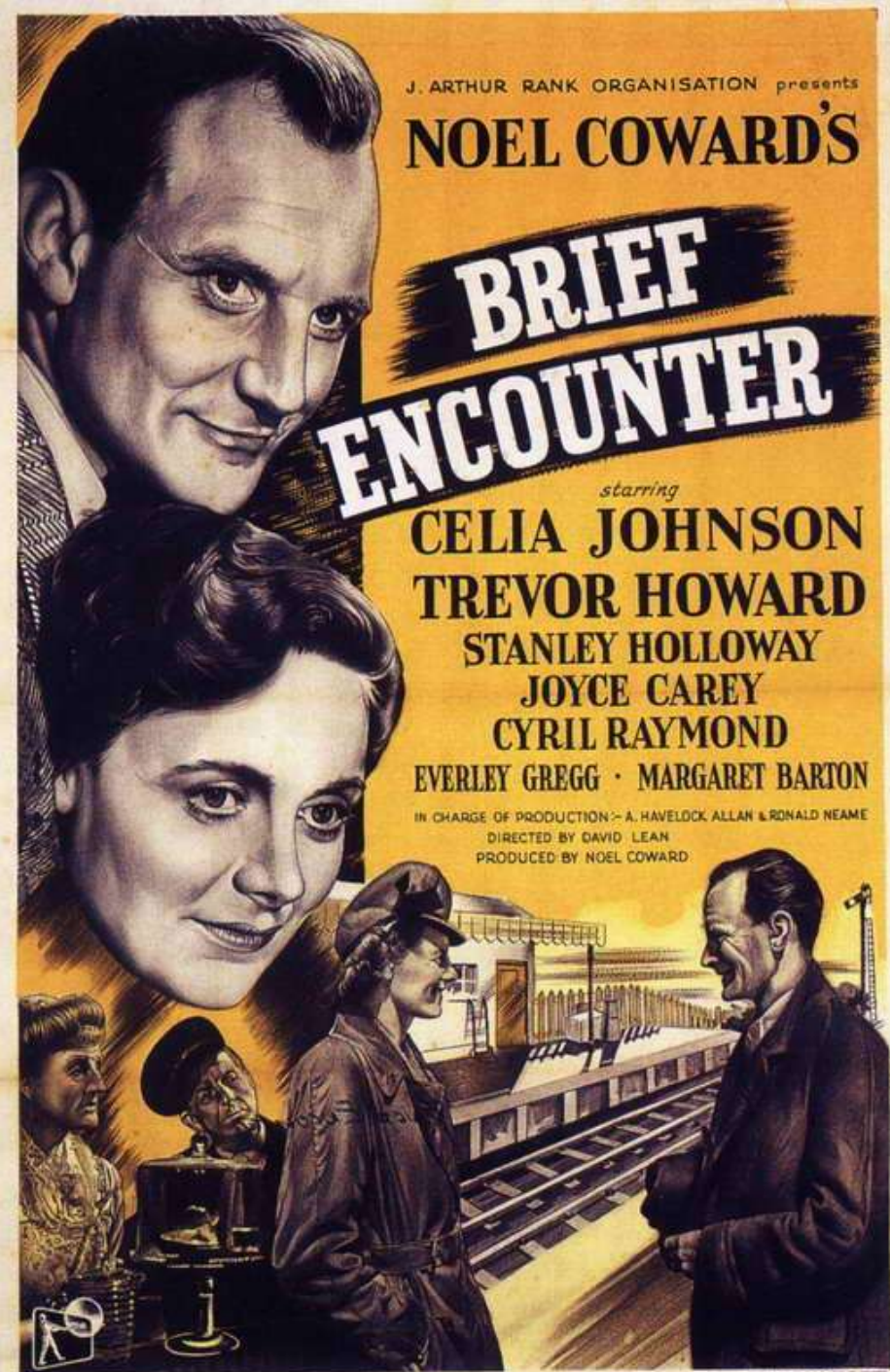
Coming soon! Order your free COVID-19 Tests at the end of September.

U.S. households will be eligible to order 4 free COVID-19 tests at [COVIDTests.gov](https://www.covidtests.gov). The COVID-19 Tests will detect current COVID-19 variants and can be used through the end of the year.

INTERNATIONAL & NATIONAL UPDATES

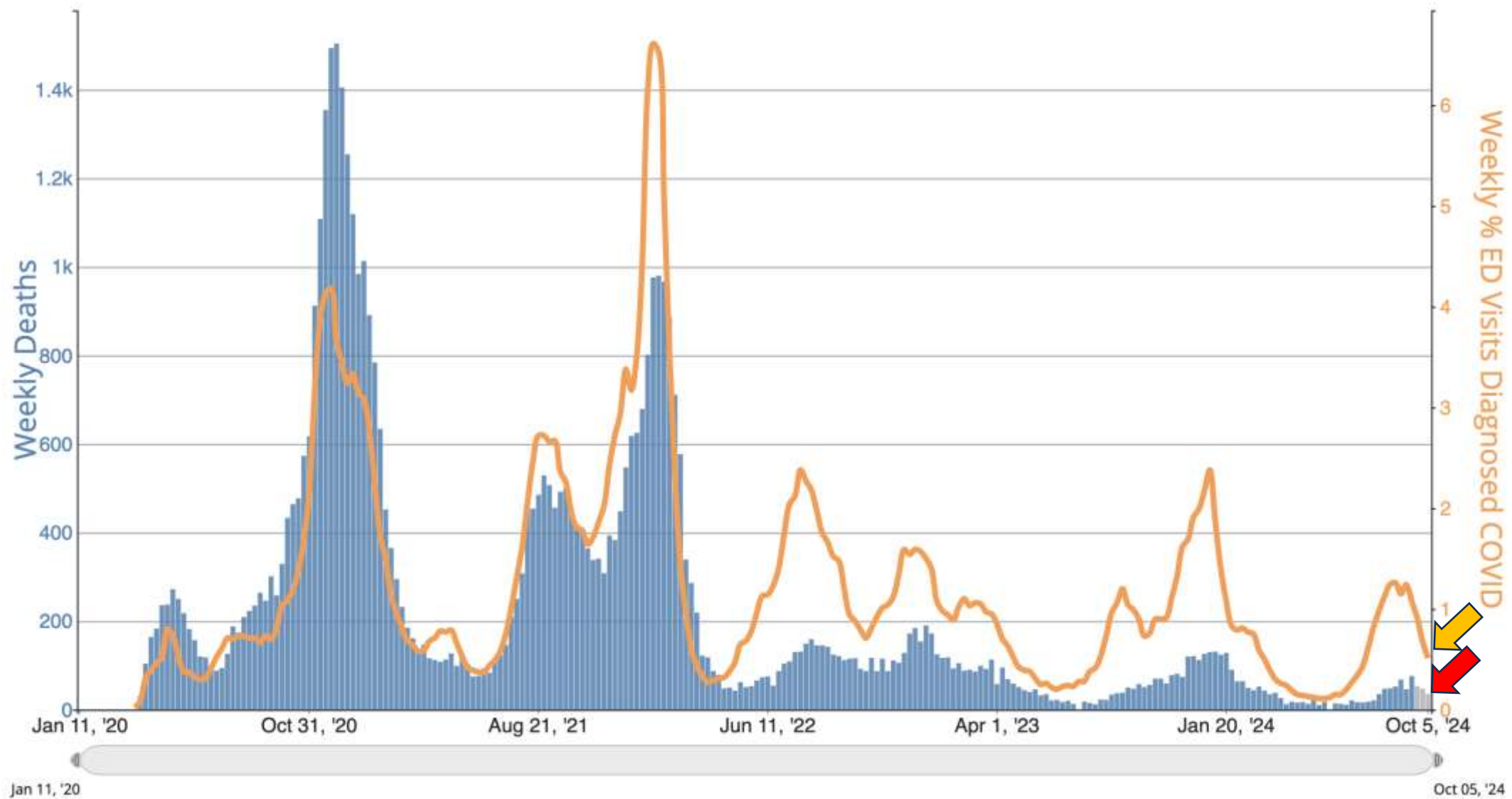
COVID-19 (and Other) Update

October 15, 2024



COVID Data Tracker

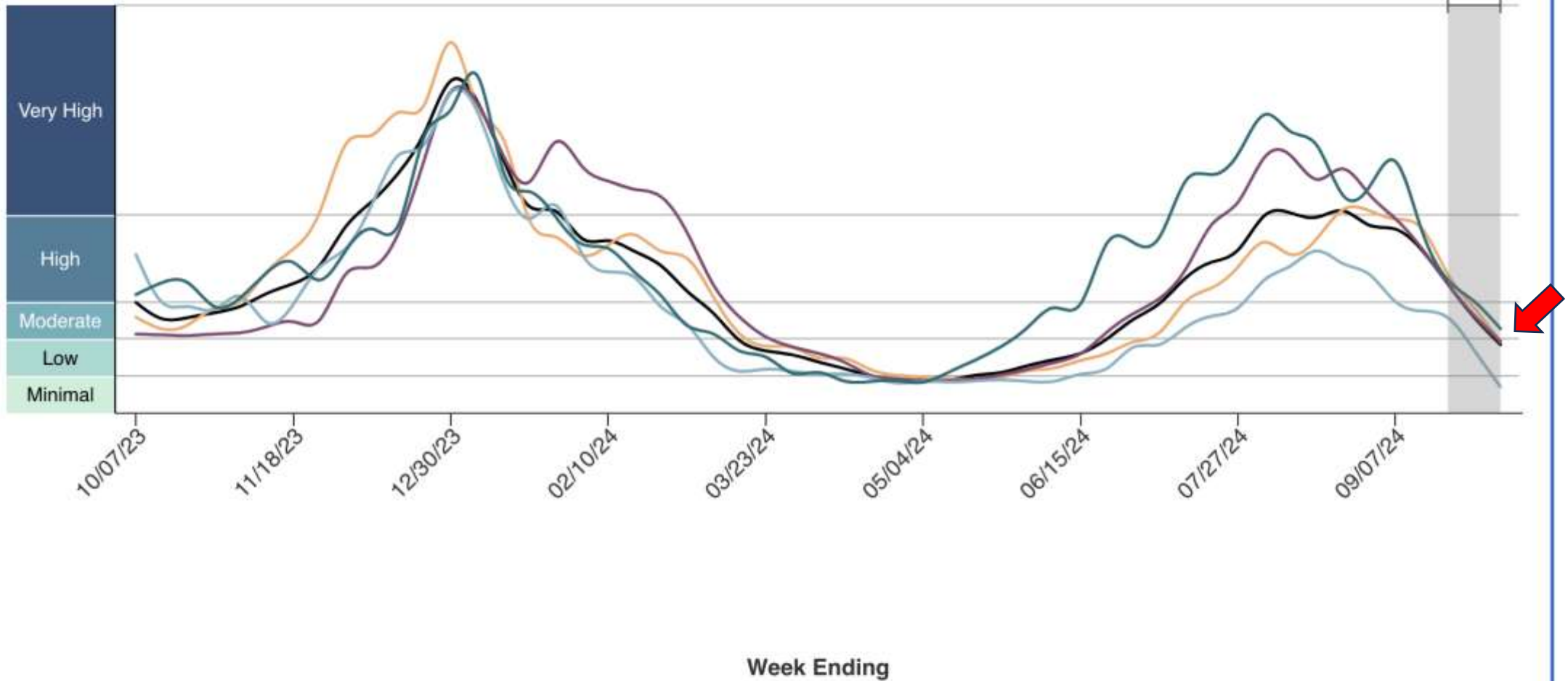
Provisional COVID-19 Deaths and Percentage of Emergency Department (ED) Visits Diagnosed as COVID-19, by Week, in Region 7, Reported to CDC



1 Year



National Wastewater Surveillance System (NWSS)



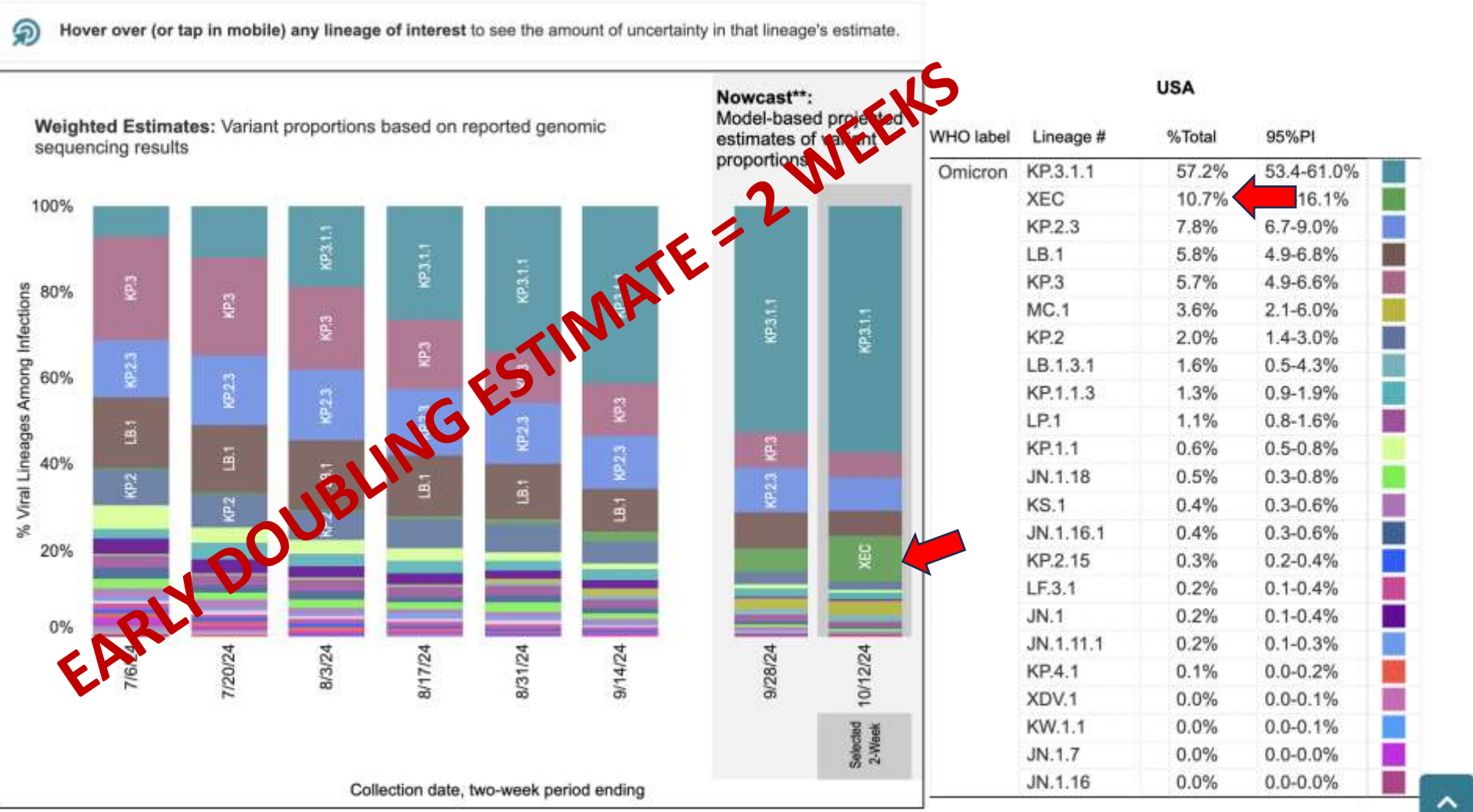
Select a geography to add or remove it from the visualization.

- National
- Midwest
- South
- Northeast
- West

COVID Data Tracker

Weighted and Nowcast Estimates in United States for 2-Week Periods in 6/23/2024 – 10/12/2024

Nowcast Estimates in United States for 9/29/2024 – 10/12/2024



** These data include Nowcast estimates, which are modeled projections that may differ from weighted estimates generated at later dates
 # Enumerated lineages are US VOC and lineages circulating above .1% nationally in at least one 2-week period. "Other" represents the aggregation of lineages which are circulating <1% nationally during all 2-week periods displayed. While all lineages are

Country	Pangolin LI	Division	Min. Date	Max. Date			
USA	XEC	New York	8/9/2024	9/30/2024	63		
		California	8/1/2024	9/29/2024	51		
		New Jersey	8/9/2024	9/25/2024	42		
		Ohio	Null	Null	35		
		Virginia	7/14/2024	8/24/2024	29		
		Colorado	7/24/2024	8/29/2024	16		
		Washington	7/26/2024	9/29/2024	15		
		Iowa	8/20/2024	10/4/2024	13		
		Maryland	7/23/2024	9/18/2024	12		
		Delaware	8/28/2024	9/14/2024	12		
		Utah	8/11/2024	9/30/2024	11		
		Illinois	8/2/2024	8/18/2024	9		
		Arizona	7/28/2024	9/17/2024	9		
		Texas	8/3/2024	9/17/2024	8		
		South Dakota	8/5/2024	9/12/2024	6		
		Rhode Island	8/7/2024	8/27/2024	6		
		Nevada	8/21/2024	9/23/2024	5		
		Minnesota	8/20/2024	9/19/2024	5		
		Pennsylvania	7/25/2024	8/13/2024	4		
		Massachusetts	8/21/2024	8/19/2024	4		
		Florida	8/7/2024	9/9/2024	4		
		Nebraska	9/1/2024	9/11/2024	3		
		Hawaii	8/15/2024	8/15/2024	3		
		South Carolina	8/13/2024	8/13/2024	1		
		Oregon	9/14/2024	9/14/2024	1		
		North Dakota	8/20/2024	8/20/2024	1		
		North Carolina	8/13/2024	8/13/2024	1		
		Michigan	7/21/2024	7/29/2024	1		
		Georgia	9/11/2024	9/11/2024	1		
		District of Columbia	8/24/2024	8/24/2024	1		
		XEC.2	Ohio	Null	Null	8	
				New York	8/14/2024	10/1/2024	7
				California	8/3/2024	9/28/2024	7
				Nebraska	8/31/2024	9/23/2024	6
				New Jersey	9/11/2024	9/23/2024	5
				Minnesota	8/16/2024	9/13/2024	4
				Washington	9/17/2024	9/17/2024	2
				Maryland	9/3/2024	9/16/2024	2
				Illinois	9/15/2024	9/18/2024	2
				Hawaii	7/29/2024	8/16/2024	2
				Texas	8/22/2024	8/22/2024	1
				Rhode Island	9/13/2024	9/13/2024	1
				North Carolina	8/21/2024	8/21/2024	1
		XEC	New York	9/20/2024	9/21/2024	2	
				Nevada	9/2/2024	9/17/2024	2
				Washington	8/26/2024	8/26/2024	1
				Virginia	9/24/2024	9/24/2024	1

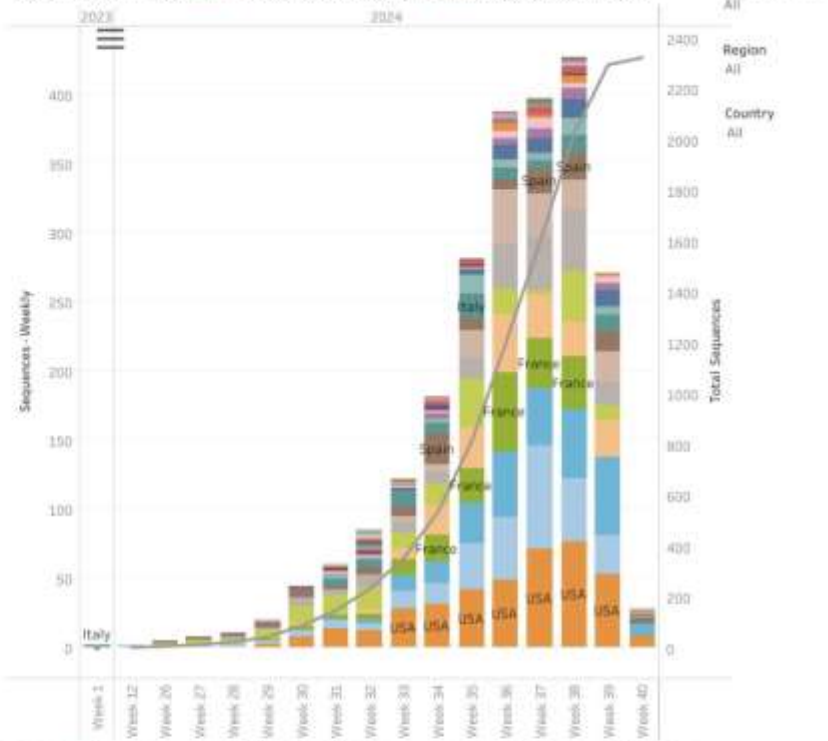
Tracking SARS-CoV-2 XEC* Lineage (recombinant of KS.1.1/KP.3.3) over time | Min. Date/Max. Date = Earliest/ Latest Sample Collection Dates | Data is dynamic and therefore recent epineek is incomplete | *Includes airport surveillance and targeted sequencing data

More info on XEC* lineages:

1. PANGO Issue: <https://github.com/ncov/lineage-designation/issues/2717>
2. Mutational Profile: <https://twitter.com/ncov/status/18302456385614811>
3. Relative Growth Advantages of top lineages: <https://www.spectrum.com/collections/52>
4. <https://www.cdc.gov/ncid/dzdt/tracks/ncidat/tracker.html>
5. Nicknames: <https://covid.global/human-names-for-variants/>
6. Global Lineage 30 day Trends: <https://public.tableau.com/app/viz/ncov/ncov-30-day-trends/variant-sources/World/520>
7. <https://www.cdc.gov/respiratory/virology/whats-new/ncov-75-variant.html>

Tracking SARS-CoV-2 Lineage XEC* over time

[XEC: Recombinant of KS.1.1 (BA.2.86.1.1.13.1.1.1) & KP.3.3 (BA.2.86.1.1.11.1.3.3)]



Tracking XEC* Lineage (recombinant of KS.1.1/KP.3.3) with signature mutations: Spike T226I, Spike F595I, Spike F456L, Spike Q493E, Spike V1104L, Q498R, P39L, R-R204P | Source: GISAID - 10/9/2024 10:14:04 PM | NYITCOM Research Report | Epi Weeks are based on Specimen Collection Dates | Note: Data from recent epi-weeks are incomplete; Potential Collection date error: Week 1 @ 2023



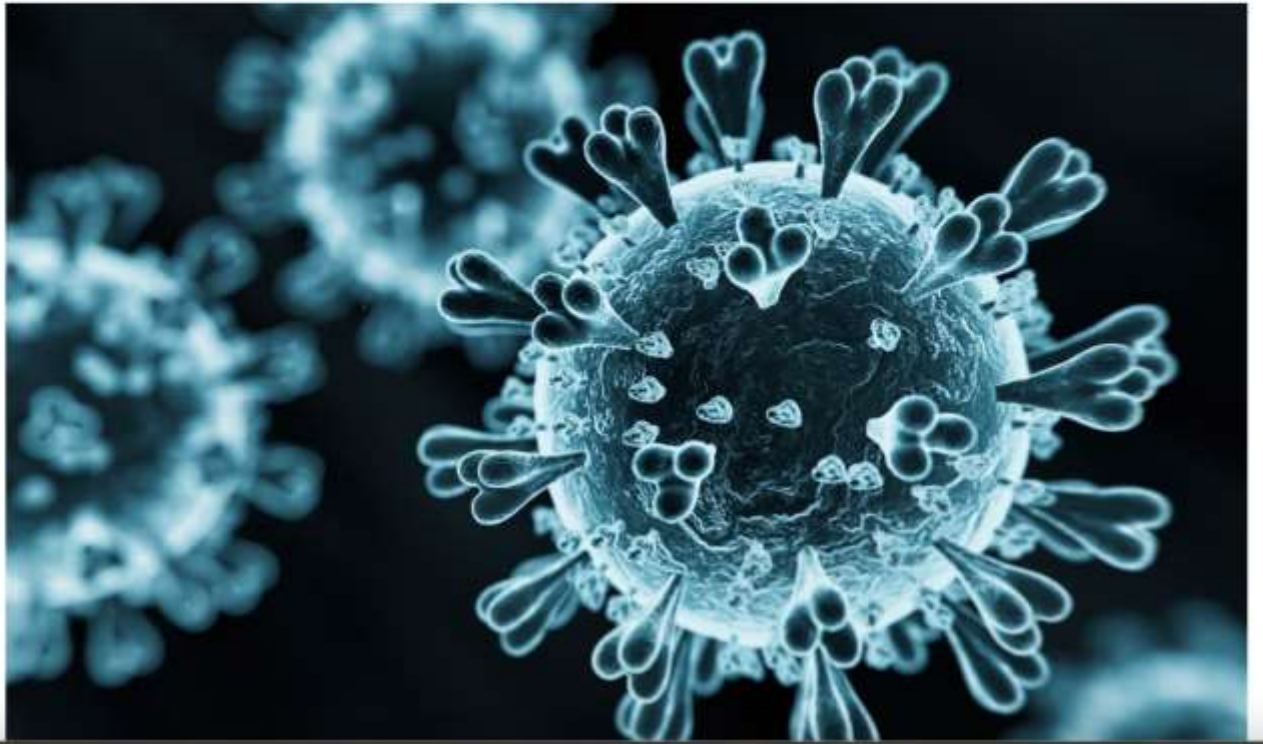


INDEPENDENT

Covid hospitalisations surge as new variant XEC spreads across UK

The North East has seen the highest hospital admission rates at 8.12 per 100,000, UKHSA says

Alexander Butler • 17 hours ago • 44 Comments



EXPRESS



New Covid variant surges in UK as expert sends urgent warning

A new Covid-19 strain named XEC is circulating this autumn, causing serious concern among health officials as cases of the virus continue to rise.

By **LOTTI O'BRIEN**

09:49, Sun, Oct 13, 2024 | UPDATED: 09:59, Sun, Oct 13, 2024



35



Experts have sent a warning as Covid cases rise across the UK (Image: Getty)





I am looking for



I am a



Programs



A-Z Index



State Continues Proactive Testing for Human Cases of Bird Flu; Reports 6 Confirmed, 5 Possible Cases

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OFFICE OF COMMUNICATIONS

Contact :

Office of Communications
media@cdph.ca.gov

State Continues Proactive Testing for Human Cases of Bird Flu; Reports 6 Confirmed, 5 Possible Cases

October 14, 2024
NR24-034

New possible cases identified over three-day stretch following direct contact with infected dairy cows in Central Valley

“All individuals with confirmed or possible cases of bird flu have experienced mild symptoms, including eye redness or discharge (conjunctivitis), and have been treated according to CDC guidance. None of the individuals have been hospitalized.”



Avian Influenza (Bird Flu)

EXPLORE TOPICS ▼

Human Case Summary during the 2024 outbreak, by state and exposure source

Exposure Source

State	Cattle	Poultry	Unknown	State Total
California	6	0	0	6
Colorado	1	9	0	10
Michigan	2	0	0	2
Missouri	0	0	1	1
Texas	1	0	0	1
Source Total	10	9	1	20



Stop the MARBURG VIRUS

UPDATE | 14 / 10 / 2024

Confirmed
Cases

62 (+1)

In Isolation &
Treatment

21

Deaths

15 (+1)

Recovered

26 (+6)

Cumulative
Tests

3797 (+140)

Vaccine doses
administered

708 (+39)

- 1,000 emergency vaccine doses from Sabin Vaccine Institute have been received.
- Since the announcement of the outbreak, all new confirmed cases have been within the hospital cluster in Kigali and their contacts, and all are under isolation and treatment. There is no evidence of community transmission.

Symptoms



High
fever



Severe
headaches



Muscle
ache



Fatigue



Vomiting



Diarrhoea

Prevention



Avoid close contact with
symptomatic people



Enhance
hygiene



Avoid handshakes or
close greetings

If you notice any symptoms, call **114**

 www.moh.gov.rw | www.rbc.gov.rw



#StopMarburg

ICAP LTC & ALF - DR. ASHRAF

Reporting Changes for Nursing Homes

Beginning on 9/30/2024:

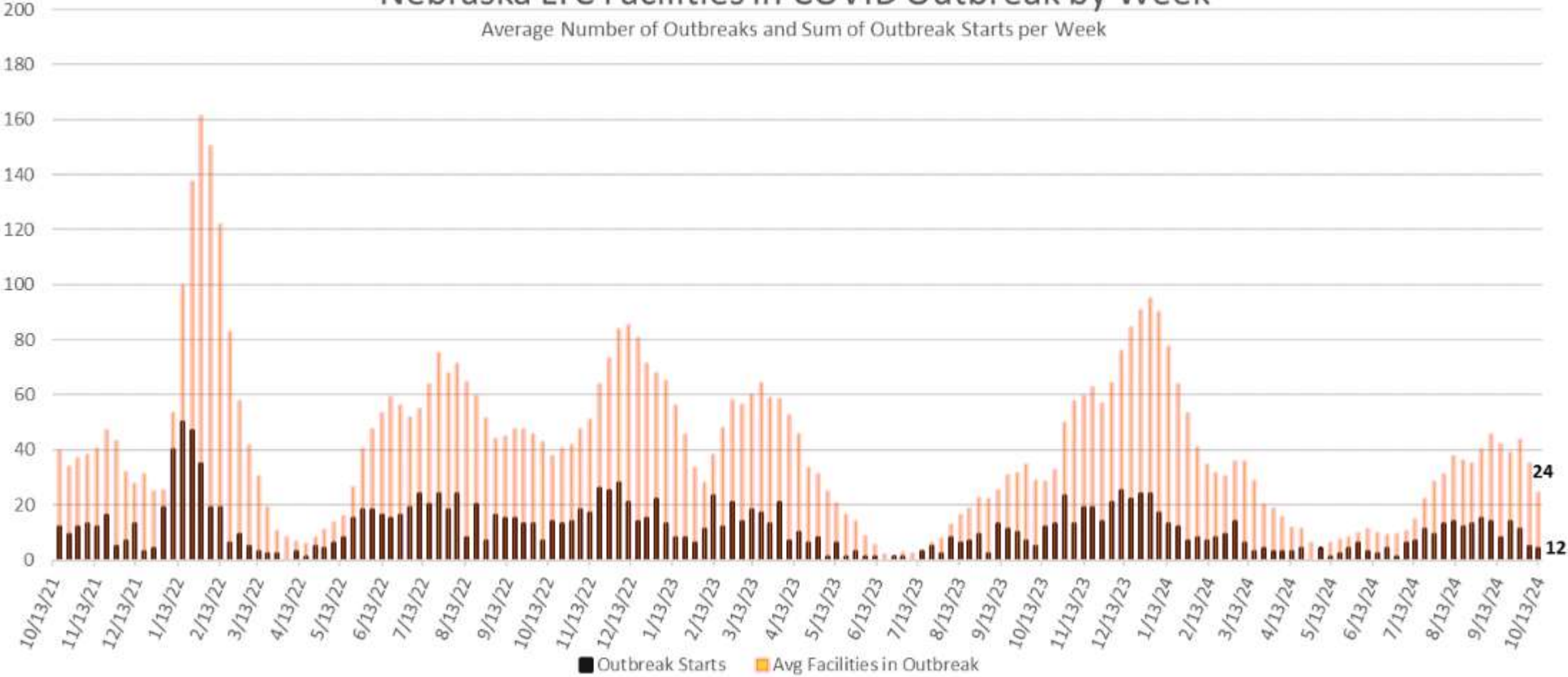
- Nursing Homes/Skilled Nursing Facilities report all LTC **Resident** data on a single, newly combined Respiratory Pathogens and Vaccination (RPV) reporting form in NHSN.
 - COVID-19 case, hospitalization, and vaccination reporting remain required. Influenza and RSV reporting remain optional.
 - Weekly census, cumulative vaccination coverage
 - New Resident Cases and Hospitalizations by Vaccination Status
- Individuals are considered up to date if they have received a single dose of the 2024-2025 updated COVID-19 vaccine.
 - Under the new recommendations, most individuals will not be up to date with COVID-19 vaccines until they receive the 2024-2025 updated COVID-19 vaccine.

Changes in COVID-19 Outbreak Definition for NE LTCF

- A facility will be considered having an outbreak if they identify two resident cases within 72 hours.
 - As NHSN requires weekly reporting, it will be hard to establish whether cases were diagnosed within 72 hours or not
 - ICAP will use the following rules to identify outbreaks:
 - Two resident cases reported from a facility within the same week
 - At least one resident case reported in two consecutive weeks

Nebraska LTC Facilities in COVID Outbreak by Week

Average Number of Outbreaks and Sum of Outbreak Starts per Week



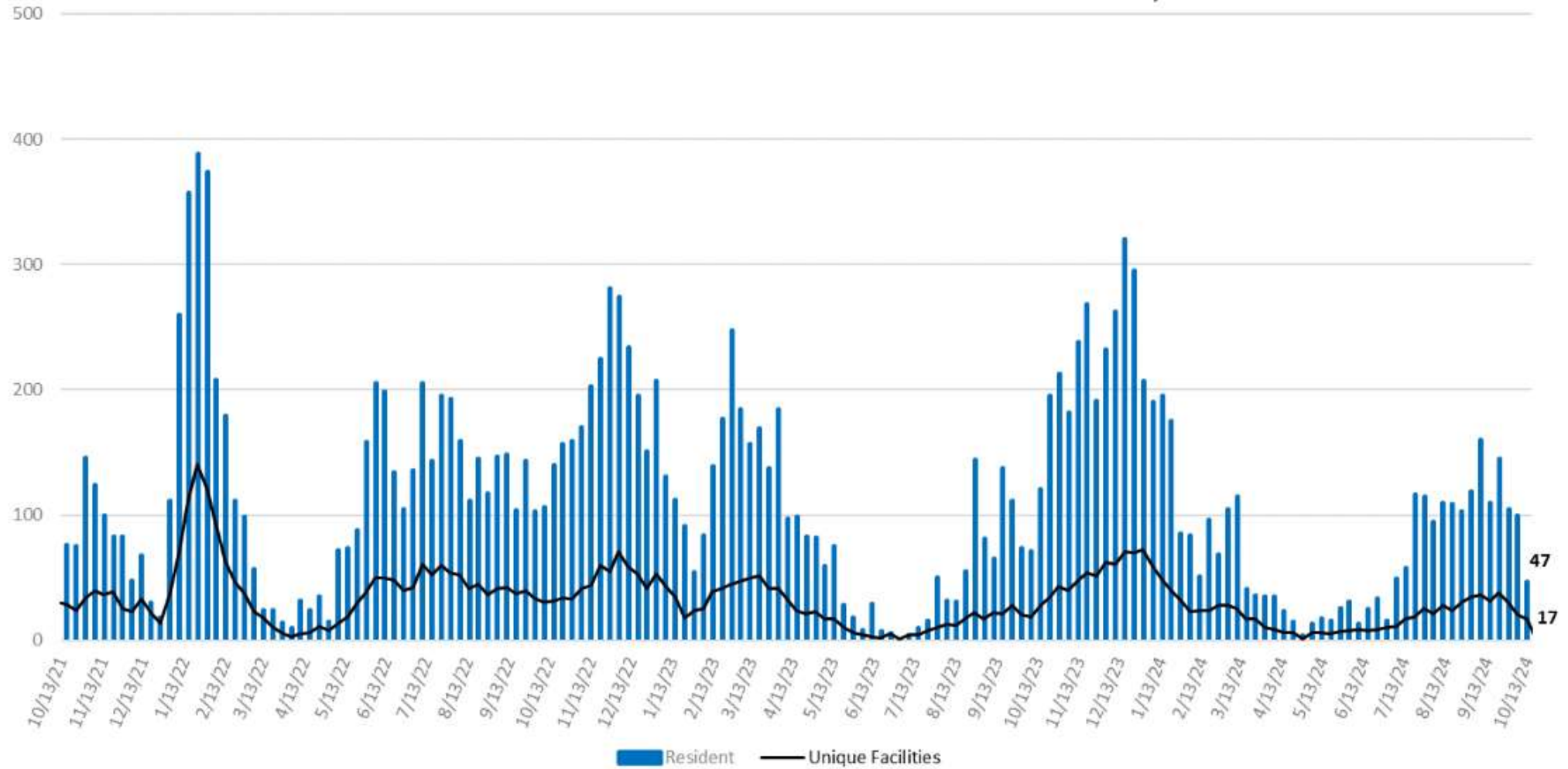
Note: Numbers for all previous weeks have been revised on this slide with new calculation for outbreak (two resident cases within 8 days)

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

Slide Credit: Dan German



Nebraska LTC Resident COVID Cases & Facilities by Week



Note: Staff numbers are excluded from total cases due to facilities not able to report staff cases through NHSN

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

Slide Credit: Dan German



CMS Nursing Home Data

CDC Percentage of Nursing Home Staff Who Are Up to Date with COVID-19 Vaccines, by State and Week – United States NHSN

Up to Date: If <65 years, received a 2023-2024 updated COVID-19 vaccine. If 65 years and older, received two doses of 2023-2024 updated COVID-19 vaccine, or received a single dose in the past 4 months.

Percentage of Nursing Home Staff Who Are Up to Date with COVID-19 Vaccines, 9/22/2024 - 9/29/2024



Select By State
All

Select By Week
Latest Reporting Week

% Up to Date

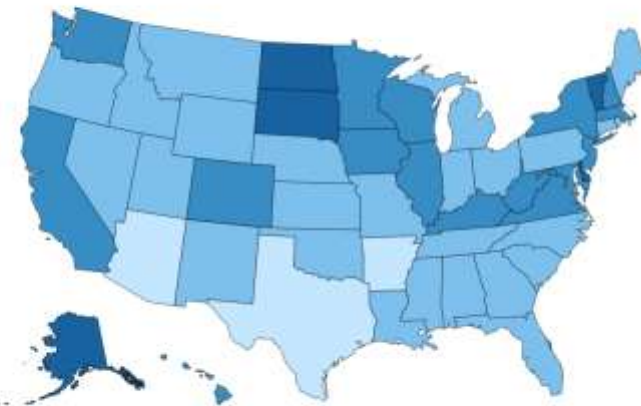
**NE:
6.8%**

1. The NHSN surveillance definition of up to date is updated quarterly to incorporate CDC guidance changes. See [here](#) for NHSN surveillance definitions, including up to date, by reporting quarter. Data for the most recent week are accruing.
2. Up to date calculation excludes individuals with medical contraindication from denominator.
3. Data that fail certain quality checks or appear inconsistent with NHSN surveillance protocols are excluded.

CDC Percentage of Nursing Home Residents Who Are Up to Date with COVID-19 Vaccines, by State and Week – United States NHSN

Up to Date: If <65 years, received a 2023-2024 updated COVID-19 vaccine. If 65 years and older, received two doses of 2023-2024 updated COVID-19 vaccine, or received a single dose in the past 4 months.

Percentage of Nursing Home Residents Who Are Up to Date with COVID-19 Vaccines, 9/22/2024 - 9/29/2024



Select By State
All

Select By Week
Latest Reporting Week

% Up to Date

**NE:
29.5%**

1. The NHSN surveillance definition of up to date is updated quarterly to incorporate CDC guidance changes. See [here](#) for NHSN surveillance definitions, including up to date, by reporting quarter. Data for the most recent week are accruing.
2. Up to date calculation excludes individuals with medical contraindication from denominator.
3. Data that fail certain quality checks or appear inconsistent with NHSN surveillance protocols are excluded.

PUBLIC HEALTH & COALITION LEADERS UPDATES (ALL)

HOT TOPICS / OTHER UPDATES



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