

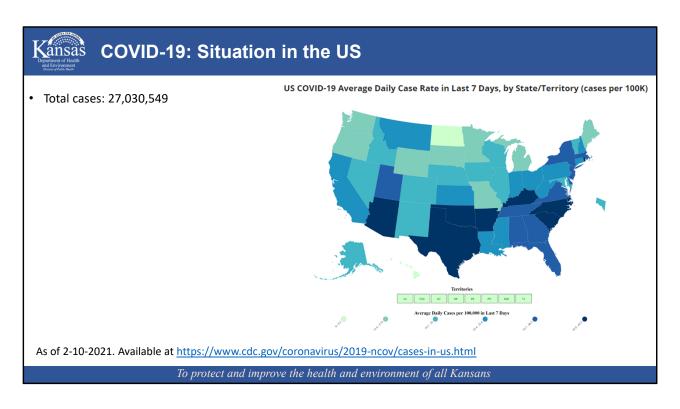




Global Map: https://www.cdc.gov/coronavirus/2019-ncov/locations-confirmed-cases.html.

Last week, we had about 104.5 million cases around the world and just over 2.2 million deaths.

This week, there are 107 million cases and we have 2,349,577 deaths around the world.



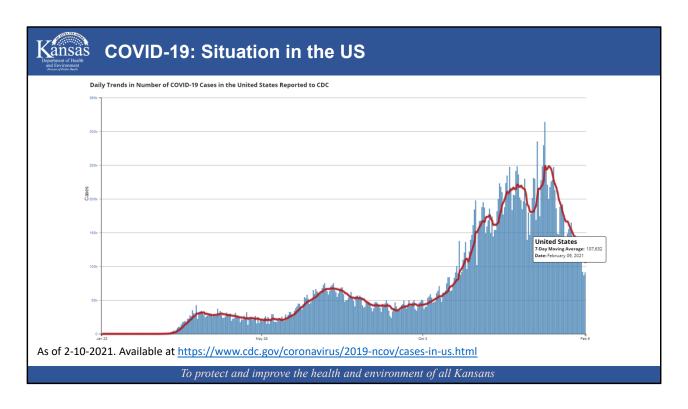
Last week in the US:

Total cases: 26,277,125 (26.2 million)

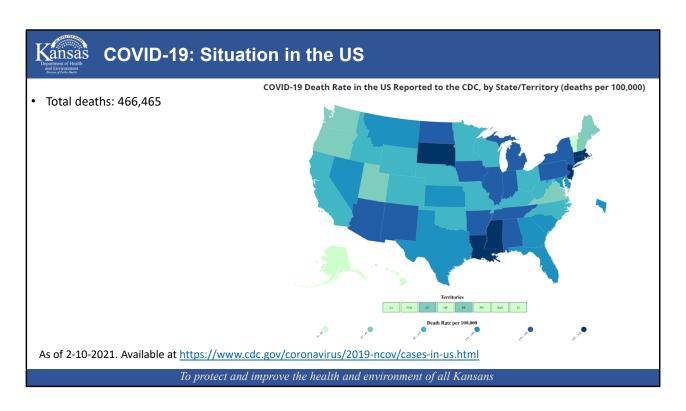
As of yesterday

This week:

Total cases: 27,030,549



In the US, you can see that we are averaging 107,000 new cases each day according to the 7-day average.



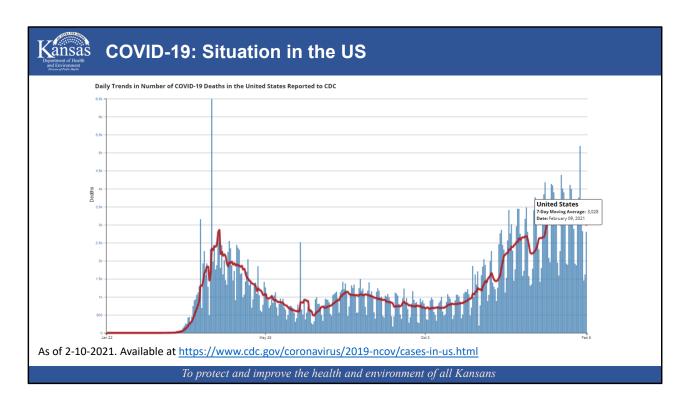
Last week in the US:

Total deaths: 445,264 (just over 445,000)

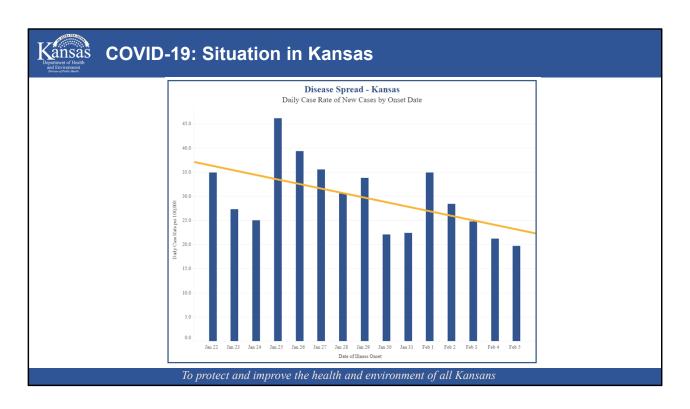
As of yesterday

This week:

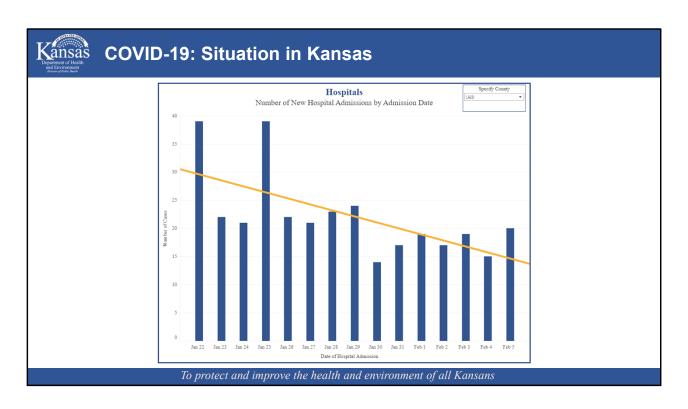
Total deaths: 466,465



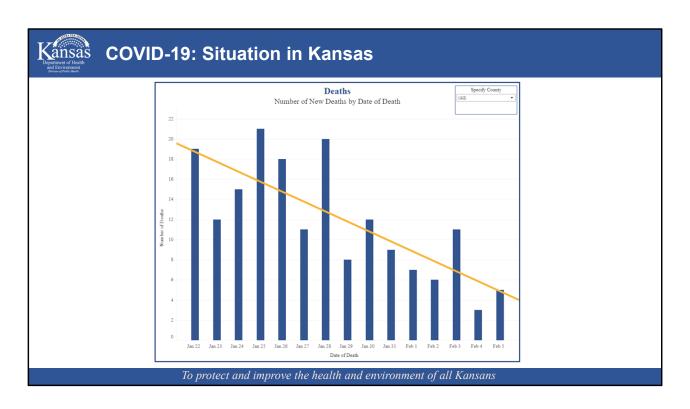
As of February 9, 2021, the 7-day moving average daily death trend in the United States was about 3000 deaths per day.



Moving on to KS specific data. For our first Disease Spread metric, which is the daily rate of new cases, the trend line last week was decreasing and that continues this week.



For hospitalizations, the trend last week was a decreasing trend and that continues this week.

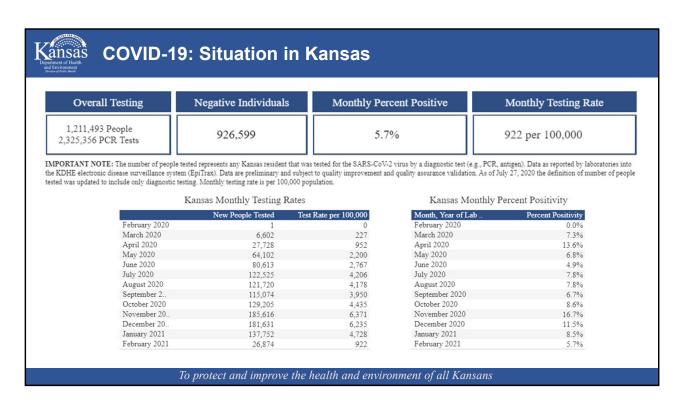


And for deaths, last week the trend was decreasing and that continues this week.

284,894 8,840 4,303 are preliminary and subject to quality improvement and quality assurance validation.	4,303 926,599	COVID-19 Cases	Hospitalizations	Statewide Deaths	Negative Test
are preliminary and subject to quality improvement and quality assurance validation.		284,894	8,840	4,303	926,599
				ew hospitalizations reported since Monday, 2/08/2	021.
				ew hospitalizations reported since Monday, 2/08/2	021.
				ew hospitalizations reported since Monday, 2/08/2	021.

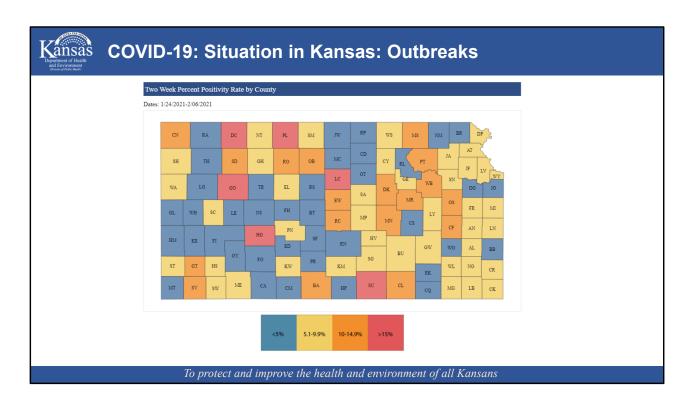
As of yesterday, we had 284,894 cases (which is an increase of 5,979 cases since last week) and 4,303 deaths statewide (that's an increase of 408 deaths since last week). As a reminder, these death numbers are based on when the deaths are reported to KDHE and verified by death certificate review. It doesn't indicate how many people actually died. For that, we look at the previous measure of the trend in deaths by date of death (which was decreasing).

There were 1,934 new cases and 106 new deaths from Monday 2/8 to Wednesday 2/10.

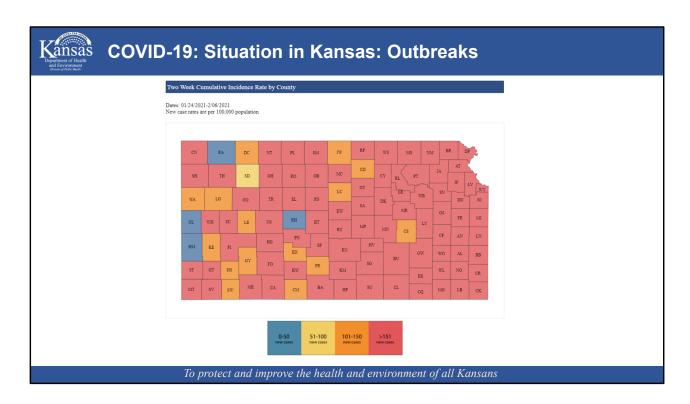


We are continuing to report the number of individuals tested, which is 1,211,493 people as of yesterday. The number of PCR tests done to date is 2,325,356. We will be adding, probably on Friday, the number of antigen tests as well.

We did see a decrease in testing in January after a high in November and December. Our percent positivity for January was about 8.5%.



Looking at the two week percent positivity, we have a lot of counties less than 15%. Remember to take a look at your county specific testing rates though, which are available on the Testing Rates tab because what we don't want to see is low testing rates driving that decrease in percent positivity.



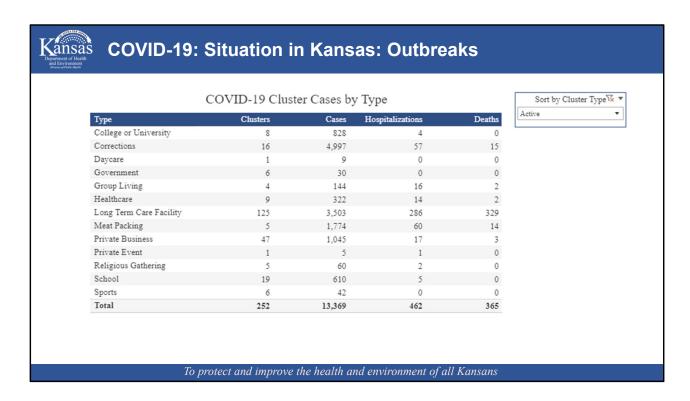
And looking at the two week cumulative incidence rate by county, most counties are still in the red according to the school gating criteria.

	Active CO	VID-19 Clusters		
Clusters	Cases	Hospitalizations	Deaths	
252	13,369	462	365	
Clusters	All COVID-19 Clusters Clusters Cases Hospitalizations Deaths			
Clusters			Deaths	
1,802	36,896	1,766	1,851	
36 896 outbreak-relate	ed cases/284,894 cases (2	13.0%)		

Moving on to outbreaks:

As of late Tuesday night, we had 1,802 outbreaks across the state; This week we have 252 active clusters. Last week we had 272 active outbreaks.

Our percentage of outbreak related cases is 13.0% (steady with last week), outbreak-related hospitalizations is about 20.0% and outbreak-related deaths is about 43.0%.



This is the table that is online of our active clusters. We currently have 8 active clusters in colleges and universities, 16 in corrections, 9 in healthcare, 125 in LTCFs (that's a decrease of 19 clusters in the last week), 47 in private businesses and 19 in schools.

Don't forget, if you are interested in seeing the list of named locations with 5 or more cases within the last 14 days, you can go to the dashboard.

KDHE has launched 3 mobile units

Community
members/LHDs can
request mobile
testing for their
community starting
today



Deployment logistics

- Deployed across the state to meet a variety of testing needs including, responding to outbreaks within 48 hours where immediacy of results is vital, general population, and at-risk communities
- Reach out to kdhe.mobileops@ks.gov to submit requests
- Schedule will be made up to 2 weeks in advance and requests will be prioritized if nearing capacity



Site logistics

- . Managed by KDHE with input from LHDs and facilities
- Marketing and demand generation LHD/site responsibility
- Staffing and supplies primarily provided by KDHE, relying on counties for community and site-specific needs



Sample collection and testing

- · No appointment required
- Tests processed either on-site or at KHEL depending on type of mobile testing van
- Patients receive customer service number and email post-test to reach out with questions



Resulting

- Patient receives result by text and/or email from KDHE
- Results are uploaded to EpiTrax for LHDs
- For outbreaks, information on contacts will be shared with necessary public health entities, and information on cases and contacts will be shared with facilities assuming patient provides consent
- There will be a dedicated customer service email and phone number

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KDHE has launched 3 mobile testing units with the goal to expand testing access across the state

Mobile testing will be targeted at areas that are not easily served by fixed testing sites and at-risk communities

In addition, we have the capability to provide rapid response for outbreaks Results will be delivered in 24-48 hours, and sooner if it's an outbreak response Mobile vans will be self-contained, leveraging KDHE staff, supplies, resulting technology, and customer service

We ask that LHDs and hosting sites help with marketing to generate demand at testing events

LHDs and others can submit requests for mobile units to KDHE. If you think that mobile testing may benefit your community, please submit a request.

Sign-ups are now open. Please send requests/questions to kdhe.mobileops@ks.gov.

Notes view: 17



COVID-19: Travel-Related Quarantine

- 1. No states on the travel restriction list this week (none on the prior list).
- 2. No countries on the International Country list either (none on the prior list).

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***We are still at #25 this week in the US (was previously #25 overall in the US). The top state is 1.96 times Kansas 2 week rate, with all the states dropping rates as well over the past few weeks.

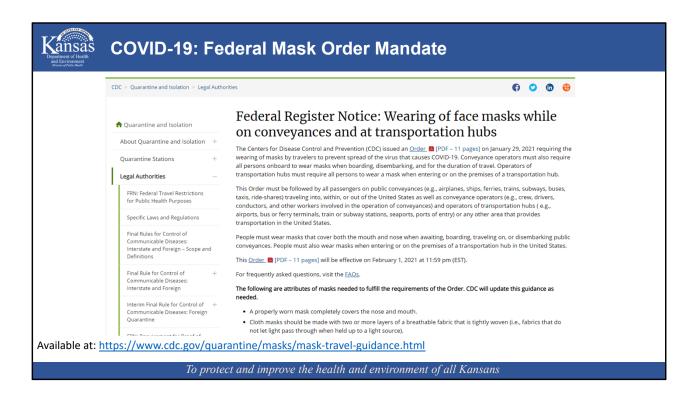
Which leads to:

- 1. No states on the travel restriction list this week (none on the prior list).
- 2. No countries on the International Country list either (none on the prior list).

Kansas = 471 2-week rate/100K (previously 747)

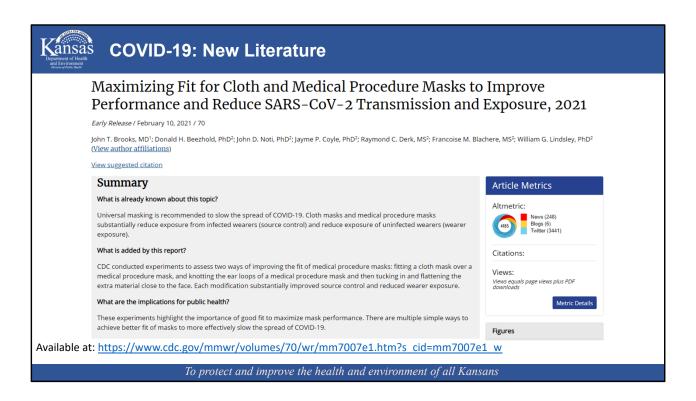
Top 10 states are:

South Carolina Texas Arizona Arkansas North Carolina Oklahoma New York Rhode Island Kentucky Georgia

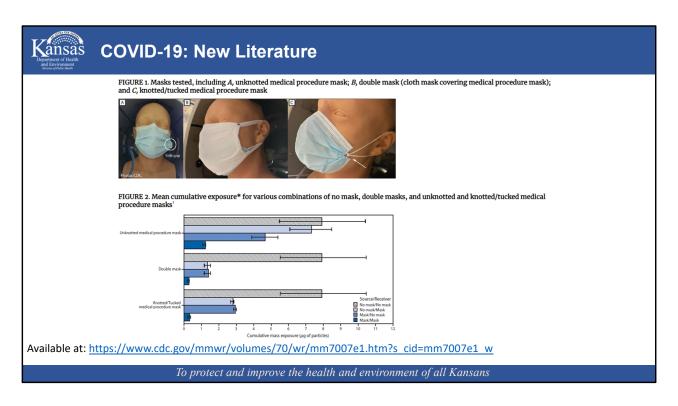


The federal government issued an Order on February 1st.

This Order must be followed by all passengers on public conveyances (e.g., airplanes, ships, ferries, trains, subways, buses, taxis, ride-shares) traveling into, within, or out of the United States as well as conveyance operators (e.g., crew, drivers, conductors, and other workers involved in the operation of conveyances) and operators of transportation hubs (e.g., airports, bus or ferry terminals, train or subway stations, seaports, ports of entry) or any other area that provides transportation in the United States.



During January 2021, CDC conducted experimental simulations using headforms to assess the extent to which two modifications to medical procedure masks, 1) wearing a cloth mask over a medical procedure mask (double masking) and 2) knotting the ear loops of a medical procedure mask where they attach to the mask's edges and then tucking in and flattening the extra material close to the face (knotted and tucked masks), could improve the fit of these masks and reduce the receiver's exposure to an aerosol of simulated respiratory droplet particles of the size considered most important for transmitting SARS-CoV-2.



Results from the first experiment demonstrated that the unknotted medical procedure mask alone blocked 42.0% of the particles from a simulated cough (standard deviation [SD] = 6.70)

the cloth mask alone blocked 44.3% (SD = 14.0).

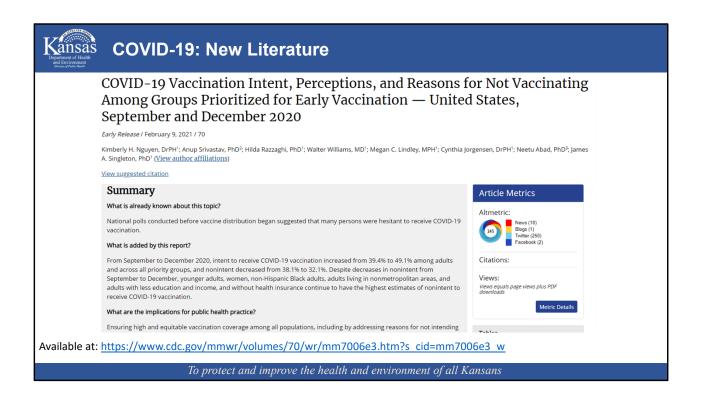
The combination of the cloth mask covering the medical procedure mask (double mask) blocked 92.5% of the cough particles (SD = 1.9).

In the second experiment, adding a cloth mask over the source headform's medical procedure mask or knotting and tucking the medical procedure mask reduced the cumulative exposure of the unmasked receiver by 82.2% (SD = 0.16) and 62.9% (SD = 0.08), respectively (Figure 2).

When the source was unmasked and the receiver was fitted with the double mask or the knotted and tucked medical procedure mask, the receiver's cumulative exposure was reduced by 83.0% (SD = 0.15) and 64.5% (SD = 0.03), respectively.

When the source and receiver were both fitted with double masks or knotted and tucked masks, the cumulative exposure of the receiver was reduced 96.4% (SD = 0.02) and 95.9% (SD = 0.02), respectively.

The article doesn't make an explicit recommendation about double masking related to the conversation around the variant, but speaks more toward how to increase the effectiveness of these types of masks particularly in a healthcare setting and making them work more like the protectiveness of an N95.



From September to December, vaccination intent (defined as being absolutely certain or very likely to be vaccinated) increased overall (from 39.4% to 49.1%); the largest increase occurred among adults aged ≥65 years. If defined as being absolutely certain, very likely, or somewhat likely to be vaccinated, vaccination intent increased overall from September (61.9%) to December (68.0%). Vaccination nonintent (defined as not intending to receive a COVID-19 vaccination) decreased among all adults (from 38.1% to 32.1%) and among most sociodemographic groups.

Younger adults, women, non-Hispanic Black (Black) persons, adults living in nonmetropolitan areas, and adults with lower educational attainment, with lower income, and without health insurance were most likely to report lack of intent to receive COVID-19 vaccine. Intent to receive COVID-19 vaccine increased among adults aged ≥65 years by 17.1 percentage points (from 49.1% to 66.2%), among essential workers by 8.8 points (from 37.1% to 45.9%), and among adults aged 18−64 years with underlying medical conditions by 5.3 points (from 36.5% to 41.8%).





Federal Retail Pharmacy Program for COVID-19 Vaccination:

- Confirmed that they will only be receiving Moderna vaccine
- · States can update eligibility requirements during program
- Pharmacies receive allocation notification on Monday evening, orders can be placed on Tuesday, and vaccine will be received Wednesday or Thursday
- Details for doses available at each store was received last night and discussions are underway about how this will be shared



Community Health Centers Vaccination Program:

- Phase One begins next week
- Select FQHCs will receive vaccine shipments directly
- Vaccine is from federal allocation
- Vaccine intended to reach underserved communities
- Over a 3 week timeframe, the program will expand to each state
- It is expected that each state will have at least on FQHC receiving vaccine; 250 FQHCs in total



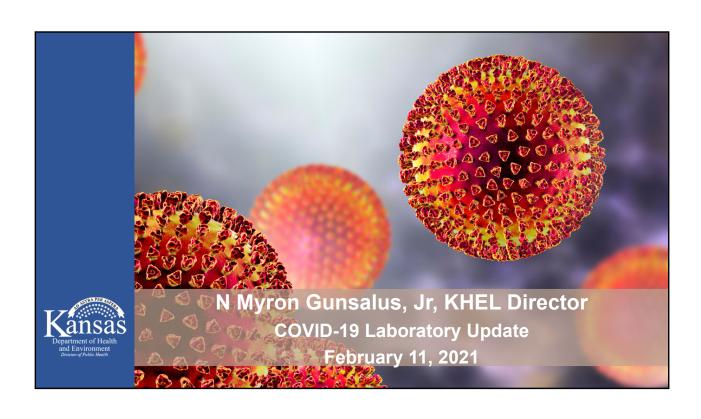
- Vaccine provided through the Federal Retail Pharmacy Program and the Community Health Centers Vaccination Program are not coming from the Kansas allocation.
- All doses of vaccine provided through these programs come from the Federal allocation.
- Vaccine is not being diverted from local health departments.



Vaccine Allocation Calculator

Allocations to LHDs are adjusted each week based on:

- State allocation of doses
- The total vaccine allocated over time
- The total numbers of people in each phase based on census data along with various industry data
- The Social Vulnerability Index





FDA Approved Tests as of 2/10/21

FDA has currently authorized 292 tests under EUAs:

- 209 molecular tests (excluding Lab Developed Tests)
 - 9 CLIA Waived, 18 Moderate
 - Includes 7 Collection Devices and 1 At Home Test
- 69 antibody tests, 5 CLIA Waived, 47 Moderate
- 14 antigen tests, 9 CLIA Waived + 2 At Home Tests

https://www.fda.gov/medical-devices/coronavirus-disease-2019-covid-19-emergency-use-authorizations-medical-devices/vitro-devicdiagnostics-euas

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Some new antigen tests include a lateral flow, visual read Multi analyte. This would mean that, similar to a BINAX card, you can detect not only SARS CoV-2 but also other analytes such as FLU.



COVID Variants and Testing

Variant	Reported Cases in US	Number of States
B.1.1.7	932	34
B.1.351	9	3
P.1	3	2

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Kansas has found 1 instance of the B.1.1.7 variant but have not found any related cases at this point. I do not believe that our case has made it onto this table so it may be 35 states now.



COVID Variants and Testing

- KDHE is performing sequencing on a random subset of positive samples.
- CDC is sequencing about 3,000 samples/month across US
- Commercial vendors have been contracted by CDC for more.
- KDHE is working on options for additional testing in the state.
- If a lab has the "S deletion" on a positive COVID sample, KHEL would be interested in sequencing to determine variant.
 - Contact KHEL INFO and include Subject Line: ATTENTION SEQUENCING

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KHEL does not use the TagPath assay but does perform random sequencing of a subset of samples. We have sequenced about 1,000 specimens so far and will be ramping our weekly number up significantly in the coming days. We are available to sequence any positive samples that have adequate viral load and which may have unusual circumstances or suspicion such as post vaccination or secondary infection or if they have exhibited an S gene deletion on the PCR.

Contact us KHEL_INFO with SUBJECT LINE...

ATTENTION: SEQUENCING NEEDED



General Thoughts

- Rapid Antigen Kits Available from KDHE at no charge.
- Mobile Labs and Collection Vans available.
- Contact KHEL if you have samples that need sequencing.
 - Positive PCR results or other confirmation of infection
 - Send us extract if possible or a second sample in VTM

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If you have a need or an idea on using rapid antigen tests for a particular purpose, please let us know and we may be able to supply the kits at no charge.

If you have an idea on how a mobile laboratory or collection event would support your community or situation, please reach out and let us know.





The next webinar from the National Emerging Special Pathogens Training and Education Center (NETEC) will take place tomorrow, Friday, February 12 at noon CST. This webinar will define mutation and variant as they relate to SARS-CoV-2, discuss the importance of the current variants and mutations including future predictions surrounding the epidemiology of spread and modeling and describe what is known about SARS-CoV-2 variants' susceptibility to vaccines and therapeutic antibodies. Continuing education credits available for attending. Click the link on the slide to register or visit NETEC's Training and Education page at https://netec.org/education-and-training/.





"A New Year of COVID – The State of the Pandemic & U.S. Strategy in 2021"

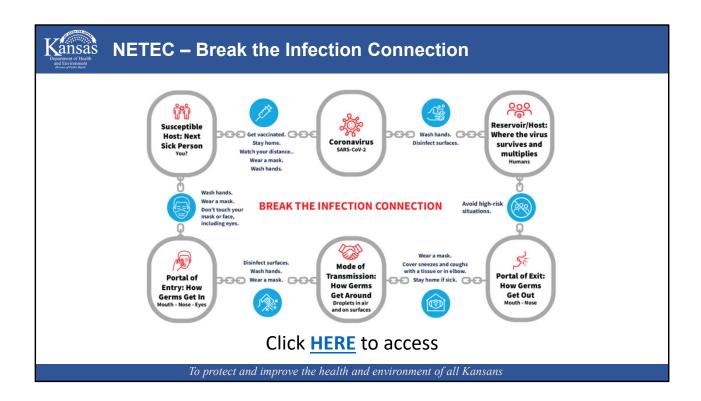
Date: Wednesday, February 24, 2021

Time: 4pm - 5:30pm CST

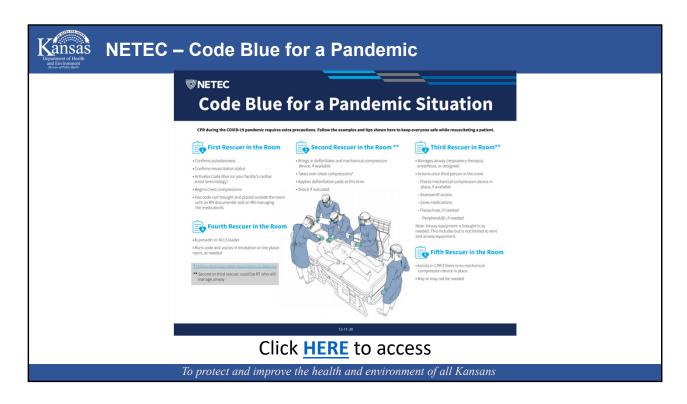
Click **HERE** for more information

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The next webinar in the COVID-19 Conversations series from the American Public Health Association and the National Academy of Medicine will take place Wednesday, February 24 at 4pm CST. The topic is "A New Year of COVID – The State of the Pandemic & U.S. Strategy in 2021." You can see more information about this and all of the webinars in the COVID-19 Conversations series using the link on your screen or by visiting covid19conversations.org.



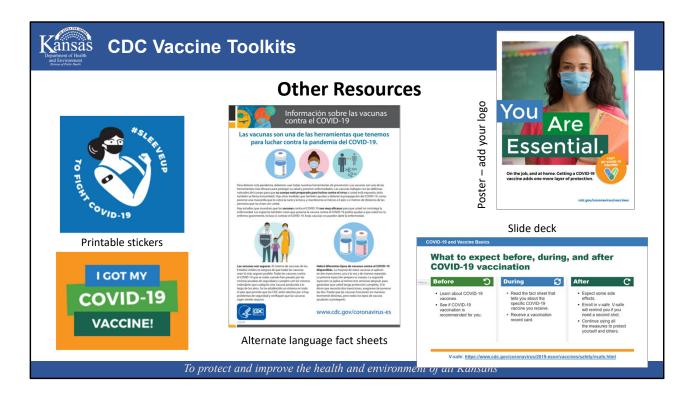
NETEC has a new PDF resource that illustrates the chain of infection that you could use in your facilities or on your website or social media accounts. You can see the graph here. Download with the link on your screen or on NETEC's website.



NETEC also has a resource on CPR during the pandemic, which is a 2 page PDF document you can download and distribute. The handout has examples and tips to keep staff safe. Click the link on the screen to access on NETEC's website.



The CDC has two new communication toolkits available for COVID-19 vaccinations. One toolkit is specifically aimed at essential workers and employers of essential workers and the other is aimed towards community-based organizations. The toolkits have social media graphics and verbiage ready to use as well as other tools. Click on the link on the slide to access or find on the CDC website.



These are some of the other available resources in those toolkits. You can see there are downloadable and printable stickers. We all know how ubiquitous the "I voted" stickers are on social media, and I imagine an "I got vaccinated" sticker would be just as popular. These are formatted to automatically work with standard 1 2/3 " round stickers, which you can buy at a number of office supply stores. The toolkit also has vaccine fact sheets in a variety of languages, including Arabic, Spanish, Chinese, etc. There are also posters that you can download and add your logo to, and a slide deck with basic vaccine information that you can use as a starting point for any presentations you might have regarding the vaccine. Use the link on the previous slide to access all of these resources.



Gov. Kelly Biweekly Call with Elected Officials

Date: Friday, February 12, 2021

Time: 11:00 a.m. CT

Phone Number: (253) 215-8782

Meeting ID: **876 9535 8999**

Schedule

February 12

February 26

March 12

Questions? Send to press@ks.gov

To protect and improve the health and environment of all Kansans

Governor Kelly will have her next biweekly call with elected officials tomorrow, Friday, February 12th at 11am CST. This call is for local elected officials, legislators, legislative leadership staff and other key individuals. Participation is limited to 1000 people. The call will be listen only to prevent discussion that could act as a violation of Kansas open meeting laws, but if you have specific questions you'd like answered, you can send them to press@ks.gov.



Kansas KDHE Website Updates

Guidance for Summer Camp Planning and Operations (Feb. 3, 2021)



To request to receive KS-HAN messages:

- 1. Email the following information to KDHE.KSHANAdmin@ks.gov:
 - Your name
 - Your organization/employer's name
 - Your phone number
- 2. Receive registration email and activate account



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Please be sure you are getting KS-HAN notifications so you can stay up to date on extensions of this webinar series, etc.

Please be sure to sign up for alerts through the Kansas Health Alert Network. Once you send an email to the HAN Administrator with your contact details, you'll receive an email back in 1-2 business days. This email will have a link to click to finish your registration process. You will not start receiving alerts until you've completed the registration process. If you haven't received the email 2 business days later, check your junk/spam folder, and if it still isn't there, let us know and we'll re-send it to you.

