

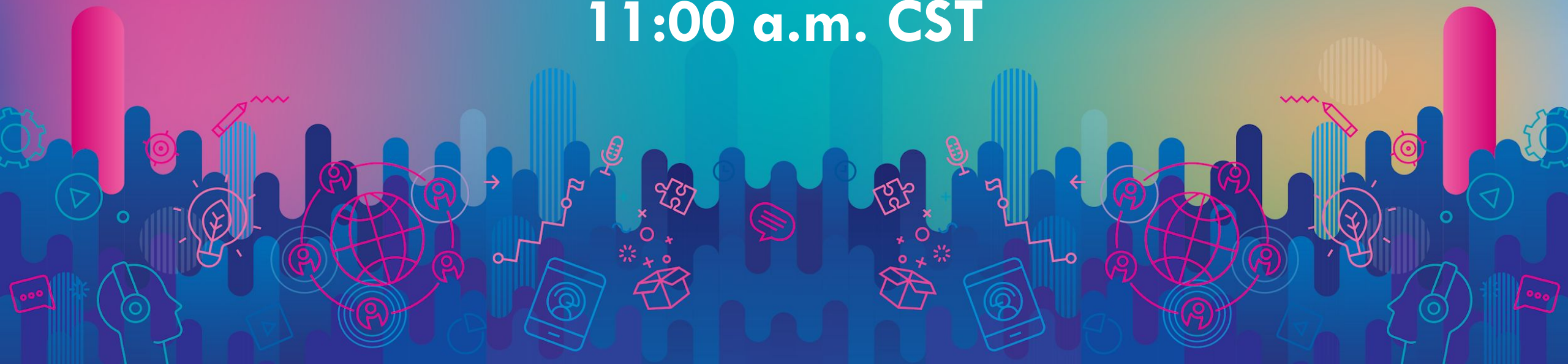


LAUNCH NEBRASKA



COVID-19 Update

January 18, 2022
11:00 a.m. CST



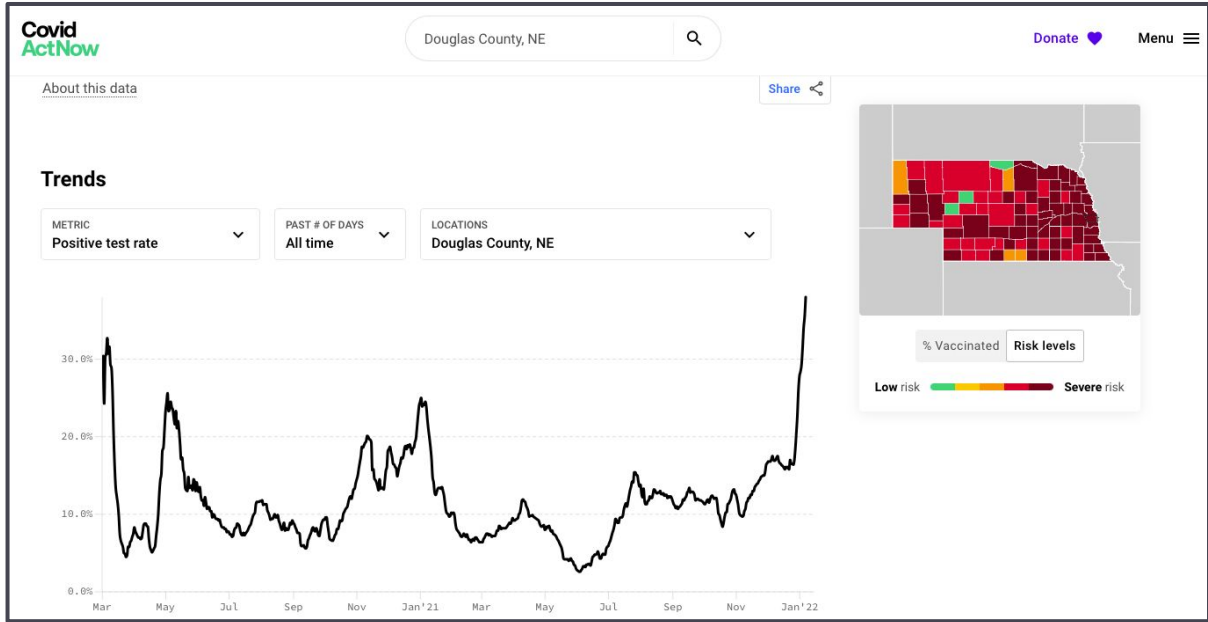
Agenda

- Welcome and Overview - Commissioner
- Public Health Updates - Dr. Alice Sato
- Sharing Potential Testing Scenarios
- Reminder of Flexibilities
- Question and Answer



Nebraska Data Update

Date	Statewide COVID PTS	%7 day Ave Positivity	Statewide PTS on Vents	Douglas Covid PTS	Doug Covid PTS on Vents	Lanc COVID PTS	Lanc COVID PTS on Vents	Populati on Tested	Cumulati ve Populati on	Rate	Statewide PTS in ICU	Douglas PTS in ICU	Lancaster PTS in ICU
2/2/2021	141	4.00%	219	719	213	219	4	4,000	113,000	1.00%	44	403	12
2/3/2021	144	4.70%	22	703	21	47	4	4,000	113,000	1.04%	47	395	14
2/7/2021	142	5.20%	22	70	10	23	5	50%	10,50%	1.04%	42	27	7
2/14/2021	121	5.00%	20	76	17	16	2	51%	10,50%	1.04%	40	27	9
2/12/2021	113	4.80%	17	67	12	16	3	51%	10,50%	1.03%	37	27	10
2/16/2021	108	5.00%	10	62	6	16	2	52%	10,50%	1.03%	35	19	7
2/15/2021	102	5.70%	14	78	8	28	8	52%	11,00%	1.03%	33	17	11
2/11/2021	148	6.20%	20	107	14	27	8	55%	11,10%	1.04%	40	40	7
2/10/2021	106	5.70%	22	107	17	23	6	55%	11,20%	1.03%	40	34	9
2/12/2021	124	4.40%	19	99	24	24	2	54%	11,20%	1.02%	40	24	9
2/2/2021	105	4.00%	10	82	7	21	3	54%	11,40%	1.02%	40	20	7
2/10/2021	118	4.00%	10	80	4	24	0	54%	11,40%	1.01%	44	14	4
2/16/2021	97	3.20%	15	48	11	21	1	54%	11,40%	1.02%	30	18	4
2/23/2021	75	2.60%	3	3	4	3	0	55%	11,40%	1.00%	22	14	1
2/20/2021	66	1.70%	9	27	6	16	3	55%	11,60%	1.01%	14	8	1
2/16/2021	47	1.70%	4	23	3	11	3	55%	11,60%	1.01%	10	0	1
2/12/2021	15	1.50%	7	20	0	8	2	57%	11,60%	1.02%	12	0	1
2/10/2021	16	1.60%	0	17	0	5	0	57%	11,60%	1.01%	6	2	0
2/17/2021	27	2.20%	2	13	2	8	0	58%	11,60%	1.01%	9	4	7
2/14/2021	44	2.00%	8	14	0	14	2	58%	11,60%	1.01%	14	2	3
2/11/2021	74	3.80%	9	28	2	20	0	57%	11,70%	1.00%	24	9	10
2/18/2021	97	4.80%	18	38	8	28	8	56%	11,70%	1.01%	30	15	10
2/20/2021	110	6.20%	21	46	11	34	7	56%	11,70%	1.00%	40	20	12
2/15/2021	138	7.00%	21	88	12	48	18	56%	11,80%	1.00%	38	28	18
2/16/2021	135	7.70%	27	78	13	49	19	57%	12,00%	1.00%	54	22	11
2/15/2021	146	8.80%	28	104	16	64	11	58%	12,10%	1.00%	75	29	11
2/13/2021	187	9.10%	45	118	15	84	12	58%	12,10%	1.00%	101	48	19
2/14/2021	248	10.4%	42	147	24	121	12	62%	12,10%	1.00%	142	54	24
2/15/2021	301	8.70%	19	152	25	80	15	60%	12,90%	0.97%	100	18	15
2/12/2021	444	9.00%	44	146	24	86	14	61%	13,10%	0.98%	99	47	22
2/16/2021	318	8.80%	48	163	32	87	22	62%	13,40%	0.92%	120	44	20
2/20/2021	481	8.90%	69	141	30	89	22	63%	13,60%	0.91%	127	42	27
2/18/2021	481	8.20%	64	165	37	84	20	65%	13,60%	0.90%	111	44	29
2/10/2021	402	9.50%	67	160	23	77	23	64%	14,10%	0.90%	120	43	30
2/17/2021	375	8.60%	59	152	19	79	19	60%	14,20%	0.87%	120	38	22
2/16/2021	307	8.10%	54	138	18	73	16	60%	14,30%	0.87%	119	36	21
2/10/2021	318	10.20%	61	140	22	72	17	60%	14,40%	0.87%	120	36	18
2/17/2021	407	11.50%	64	146	19	68	15	66%	14,60%	0.87%	127	40	25
2/14/2021	450	11.50%	53	160	22	64	14	67%	15%	0.90%	110	40	19
2/12/2021	470	12.00%	57	189	28	62	14	10.00%	0.90%	0.90%	109	32	25
2/18/2021	628	12.20%	79	222	35	61	13	16.00%	0.86%	0.86%	126	34	27
2/17/2021	676	11.80%	78	200	34	64	13	16.00%	0.88%	0.88%	116	38	26
2/17/2021	874	12.40%	78	280	35	82	16	3.7%	0.85%	0.85%	168	74	23
2/19/2021	515	11.70%	74	245	30	108	21	17.00%	0.84%	0.84%	142	60	28
2/17/2021	446	11.40%	70	218	27	92	25	17.20%	0.85%	0.85%	163	65	25
2/16/2021	416	10.70%	74	277	27	99	19	17.80%	0.82%	0.82%	144	74	29
2/16/2021	600	26.50%	75	365	36	97	19	18.80%	0.78%	0.78%	151	82	32
2/13/2021	882		75	838	31	103	20				151	77	29



Public Health Updates

Dr. Alice Sato, MD, PhD

- Assistant Professor, Division of Pediatric Infectious Diseases
- Associate Hospital Epidemiologist for Children's Hospital and Medical Center
- Member, Pediatric Infectious Disease Society



Kids Vaccinated

110,636

kids fully vaccinated



16.9% of kids K-6 grade
fully vaccinated

50.5% of kids 7-12
grade fully vaccinated

**Goal = increase # kids'
vaccinations/month**

Progress shown as of 01/16/22

Provider Supported

215

health care providers signed
Statement of Support



10 communities represented
by Statement of Support

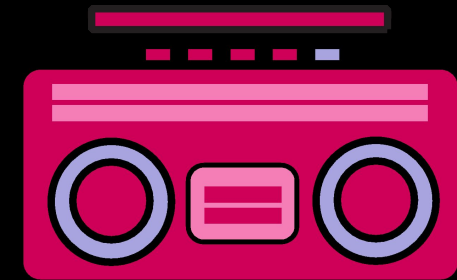
**Goal = grow support
statewide/month**

Progress shown as of 01/14/21

Message Maximized

340,453

Media/press impressions



\$41,953 earned
media/press value

**Goal = increase
impressions/month**

Progress shown as of 12/31/21






Amplifying the power against COVID-19 through vaccination for kids!



8.7 million* COVID-19 vaccinations have been given to children ages 5-11 years old

Health check-ins to v-safe completed for over 42,000 children after vaccination[†]

Side effects were common but mild and brief[§]

-  Pain where shot was given
-  Fatigue
-  Headache



Mild side effects are a normal sign the body is building protection



Few myocarditis cases have been reported



Vaccination is the best way to protect children from COVID-19 complications



* As of December 19, 2021

[†] V-safe, a voluntary smartphone vaccine safety monitoring system

[§] After the 2nd dose, about 2/3 children had a local reaction such as arm pain; 1/3 had a reaction beyond the injection site

[bit.ly/MMWR705152a1](https://www.cdc.gov/mmwr/volumes/70/wr/mm705152a1)

MMWR

Vaccinate adolescents 12–18 years of age **as soon as possible** to prevent serious illness from COVID-19



Vaccination reduced risk for COVID-19 hospitalization among adolescents*

Adolescents hospitalized with COVID-19



97% Unvaccinated
3% Vaccinated



No vaccinated adolescents hospitalized with COVID-19 were admitted to the ICU



* Case-control study, 464 patients (12–18 years) in 19 pediatric hospitals – 16 U.S. states – June–Sept. 2021

bit.ly/MMWR7042e1

MMWR



**10-YEAR-OLD BOY HOME FROM THE ICU
AFTER GETTING MIS-C FROM COVID-19**

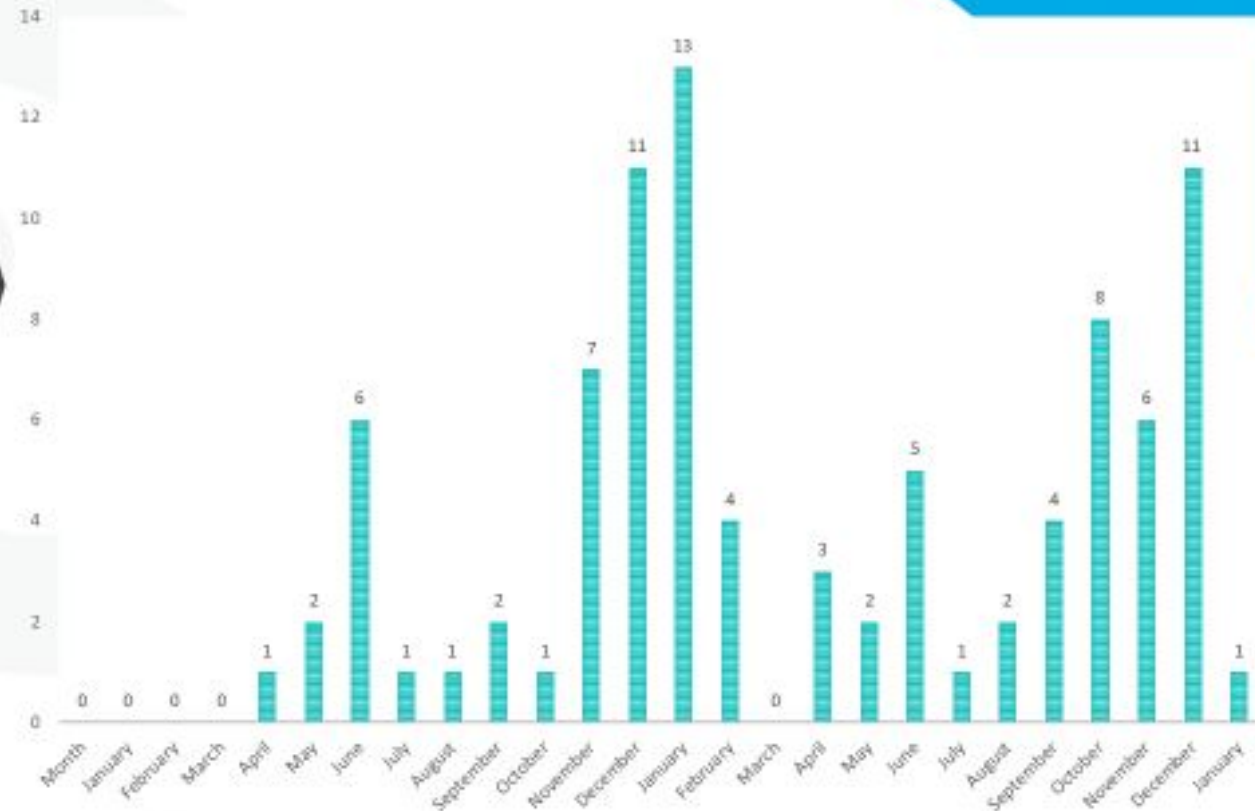


CORONAVIRUS OUTBREAK

PARENTS' WARNING: MIS-C IS SERIOUS

Update as of 1/11/22

MISC Patients @ Children's



COVID-19 vaccination protects against multisystem inflammatory syndrome in children (MIS-C) among 12–18 year-olds hospitalized during July–December 2021

Vaccination reduced likelihood of MIS-C by:



ADOLESCENTS HOSPITALIZED WITH MIS-C

95% unvaccinated



No vaccinated MIS-C patients required life support



COVID-19 VACCINATION IS THE BEST PROTECTION AGAINST MIS-C



* Case-control study, 238 patients in 24 pediatric hospitals — 30 U.S. states
† 2 doses of Pfizer-BioNTech vaccine received ≥28 days before hospital admission

bit.ly/MMWR7102

MMWR

TABLE 3. Effectiveness* of 2 doses of Pfizer-BioNTech vaccine against multisystem inflammatory syndrome in children among hospitalized patients aged 12–18 years — 24 pediatric hospitals, 20 U.S. states,[†] July–December 2021

Control groups	No. vaccinated [§] /Total (%)		Adjusted VE, % (95% CI)
	MIS-C case patients	Control patients	
All controls	5/102 (4.9)	65/181 (35.9)	91 (78–97)
Test-negative	5/102 (4.9)	34/90 (37.8)	92 (77–97)
Syndrome-negative	5/102 (4.9)	31/91 (34.1)	89 (70–96)
Sensitivity analysis			
MIS-C case patients with serologic evidence present [¶]	5/88 (5.7)	61/161 (37.9)	90 (75–96)

Abbreviations: MIS-C = multisystem inflammatory syndrome in children; VE = vaccine effectiveness.

UPDATED mRNA COVID-19 VACCINE RECOMMENDATIONS

FOR KIDS & TEENS

At this time, Pfizer-BioNTech is the only COVID-19 vaccine authorized for use in those ages 5–17 years old.



Age	Which shot to get?	Primary Series?	Booster Dose?
5–11	Pfizer-BioNTech	2 doses spaced 21 days apart (additional primary dose spaced 28 days after 2nd dose if immunocompromised)	None recommended at this time
12–17	Pfizer-BioNTech	2 doses spaced 21 days apart (additional primary dose spaced 28 days after 2nd dose if immunocompromised)	5 months after completion of the primary series

FIND OUT MORE AT [CDC.GOV/CORONAVIRUS](https://www.cdc.gov/coronavirus)



328947-H

Wear a mask with the best fit, protection, and comfort for you.



N95 Respirator

NIOSH-approved

When worn correctly, respirators offer the highest level of protection and filter 95% of particles.



KN95 Respirator

Filtration varies depending on standard.

When worn correctly, KN95s provide more protection than disposable masks.



Disposable Mask

Sometimes referred to as "surgical masks" or "medical procedure masks"

Disposable masks offer more protection than cloth masks.



Cloth Mask

Non-medical, made of fabric

Layered finely woven cloth masks offer more protection.

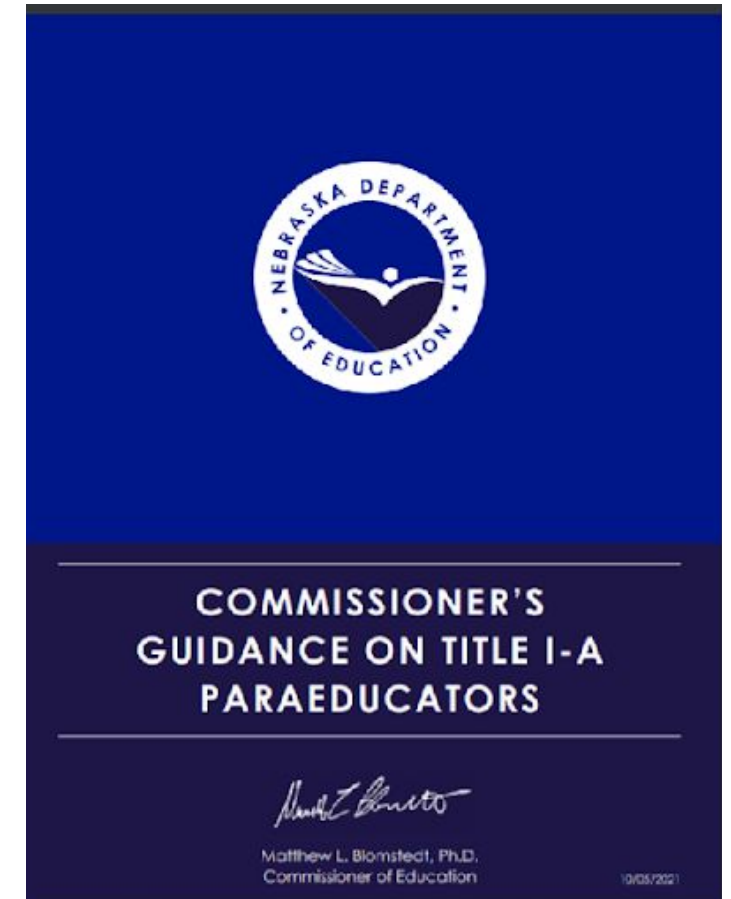
Loosely woven cloth masks provide the least protection.



Masks and respirators should not be worn by children younger than 2 years old.

cdc.gov/coronavirus

Reminder of Flexibilities



DHHS Graphic

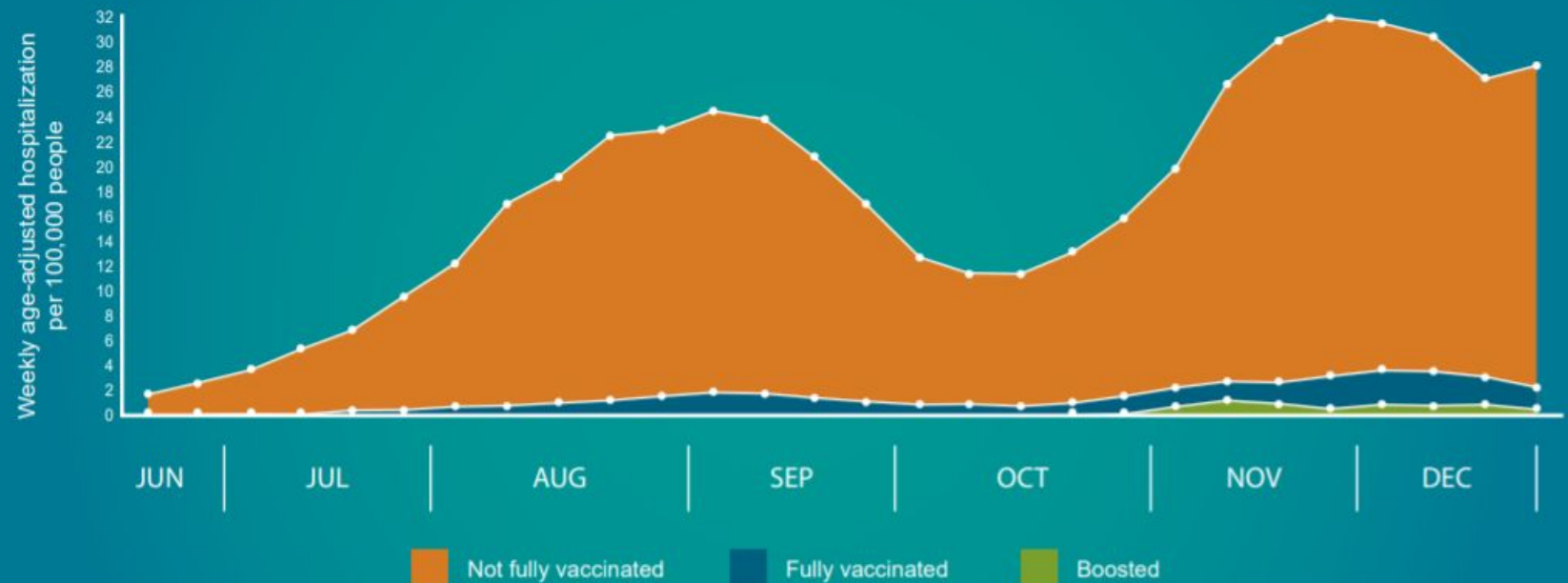
IN DECEMBER...

PEOPLE WHO WERE FULLY VACCINATED (BUT NOT YET BOOSTED) WERE **11X LESS LIKELY** TO BE HOSPITALIZED FOR COVID-19

PEOPLE WHO WERE BOOSTED WERE **46X LESS LIKELY** TO BE HOSPITALIZED FOR COVID-19

...THAN PEOPLE WHO WERE NOT FULLY VACCINATED

COVID-19 hospitalization rates by vaccination status in Nebraska, 2021



Hospitalizations: COVID-19 hospitalizations were identified from healthcare encounter data obtained from the State Health Information Exchange (CyncHealth), which were matched with Nebraska State Immunization Information System (NESIIS) vaccination data. We estimate this data source contains 60-70% of all COVID-19 hospitalizations in Nebraska.

Fully vaccinated: Fully vaccinated is defined as ≥ 14 days after the second dose of a two-dose vaccine or first dose of a single-dose vaccine. Not fully vaccinated includes individuals either partially vaccinated (i.e., not fully vaccinated as per the definition) or not having ever received a COVID-19 vaccine. Fully vaccinated excludes those who went on to receive a booster.

Boosted: Defined as ≥ 14 days after receiving a 3rd dose (for those who completed an mRNA primary series) or a 2nd dose (for those who started with J&J).

<https://dhhs.ne.gov/Documents/Covid-19-Graph1.pdf>

Next Call

Tuesday, February 1, 2022 at 11 a.m. CST

Submit Topics/Questions: <https://forms.gle/op7ZRq3h3CmFz3hs7>

