

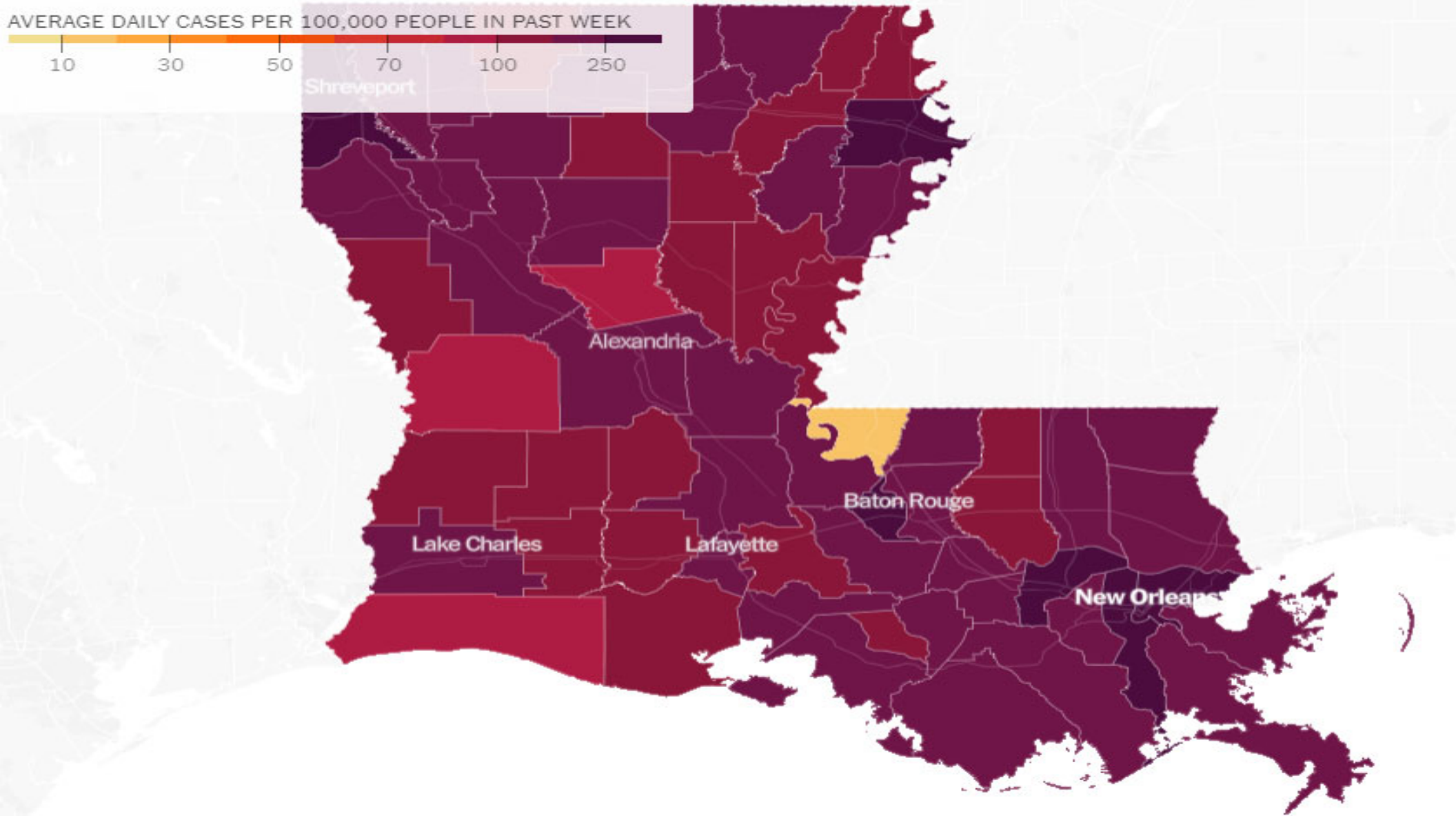
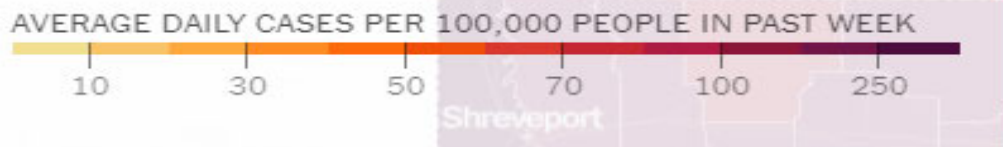
COVID UPDATE

Robert Peltier, MD
Chief Medical Officer
North Oaks Health System



UNITED STATES COVID-19 STATISTICS AS OF JANUARY 8, 2022

	DAILY AVG. ON JAN. 8	14-DAY CHANGE	TOTAL REPORTED
Cases	656,478	+226%	59,848,908
Tests	1,765,601	+15%	—
Hospitalized	127,225	+78%	—
Deaths	1,524	+12%	835,835



SHARE OF POPULATION WITH A REPORTED CASE

1 IN 7

1 IN 5

1 IN 4

Shreveport

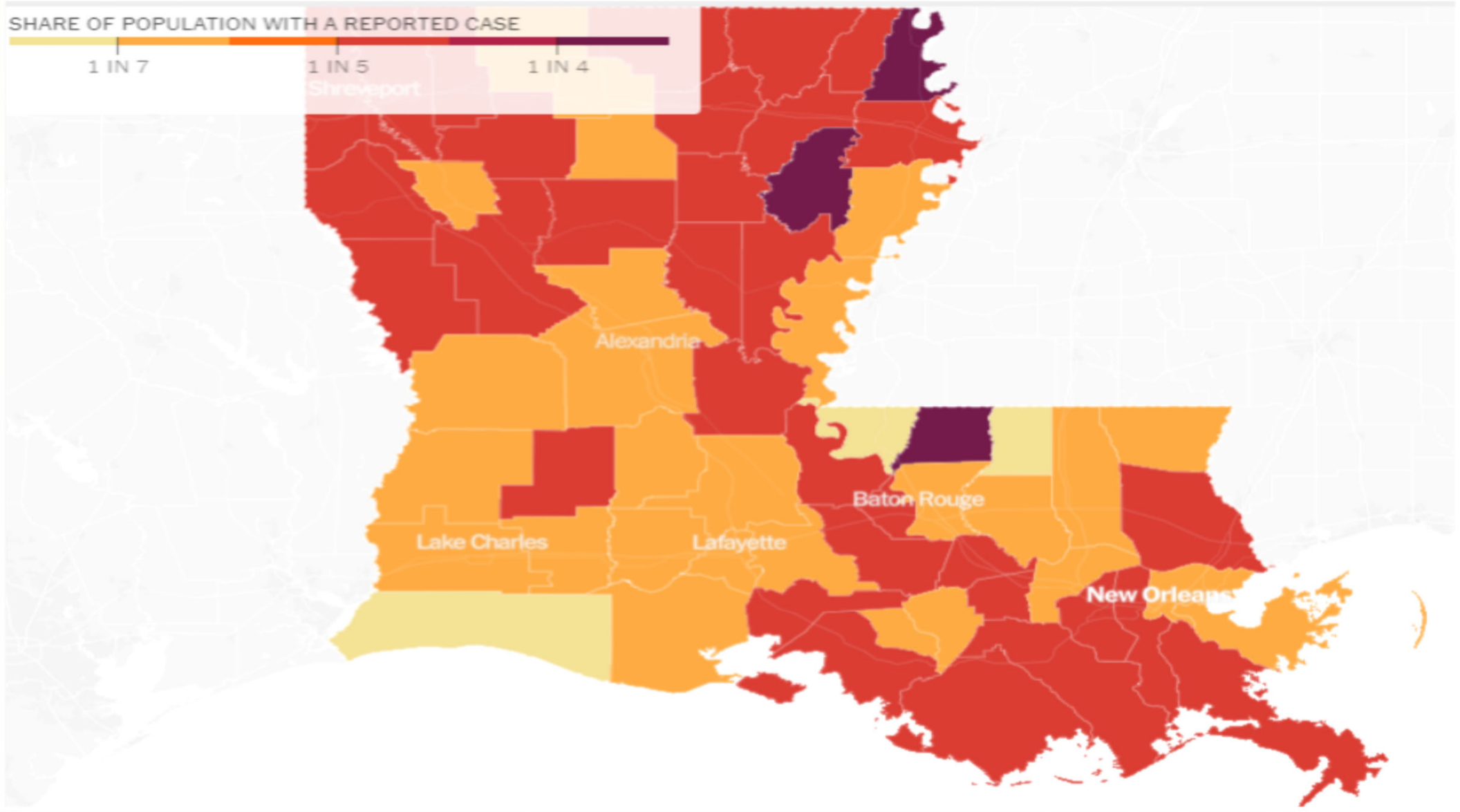
Alexandria

Lake Charles

Lafayette

Baton Rouge

New Orleans



New reported cases

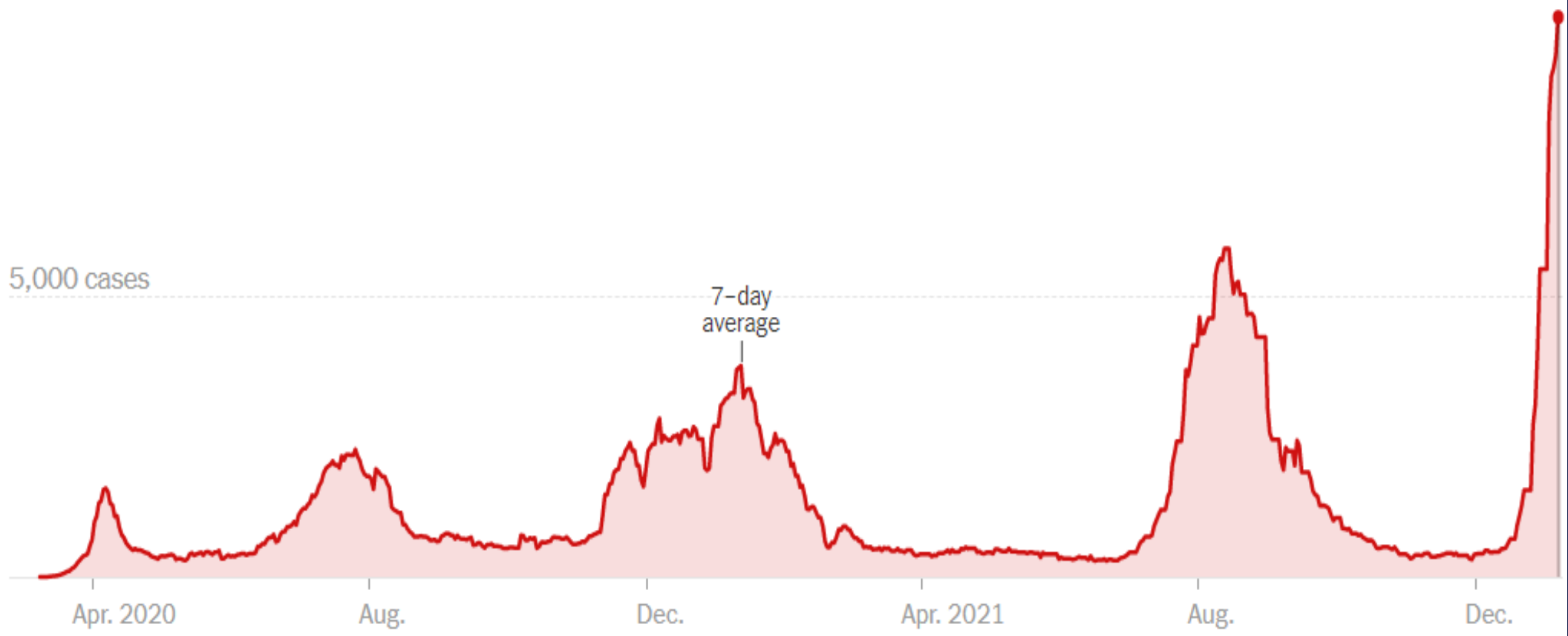
All time

Last 90 days

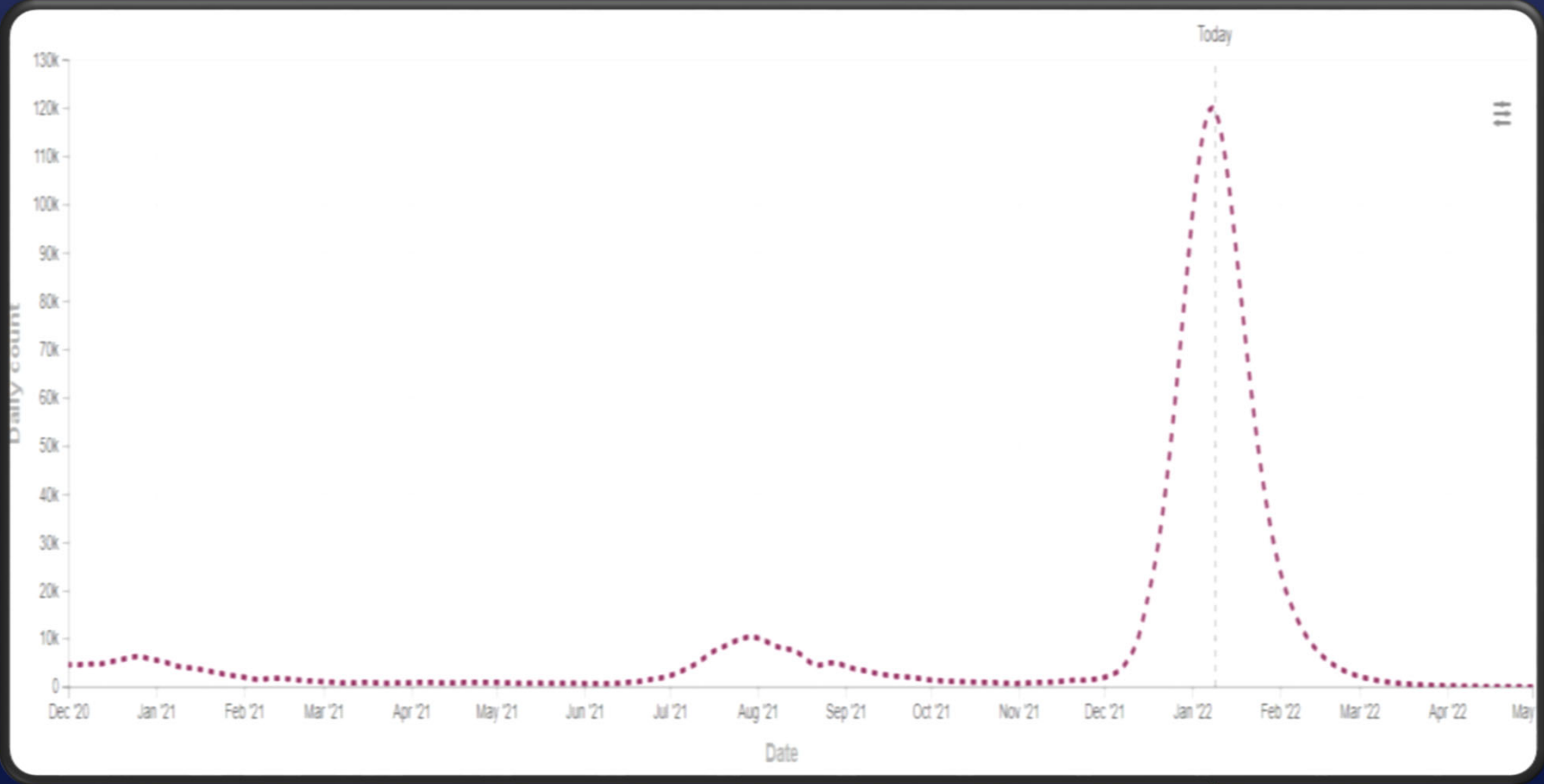
JAN. 7

Daily average: 9,967

New cases: 14,802

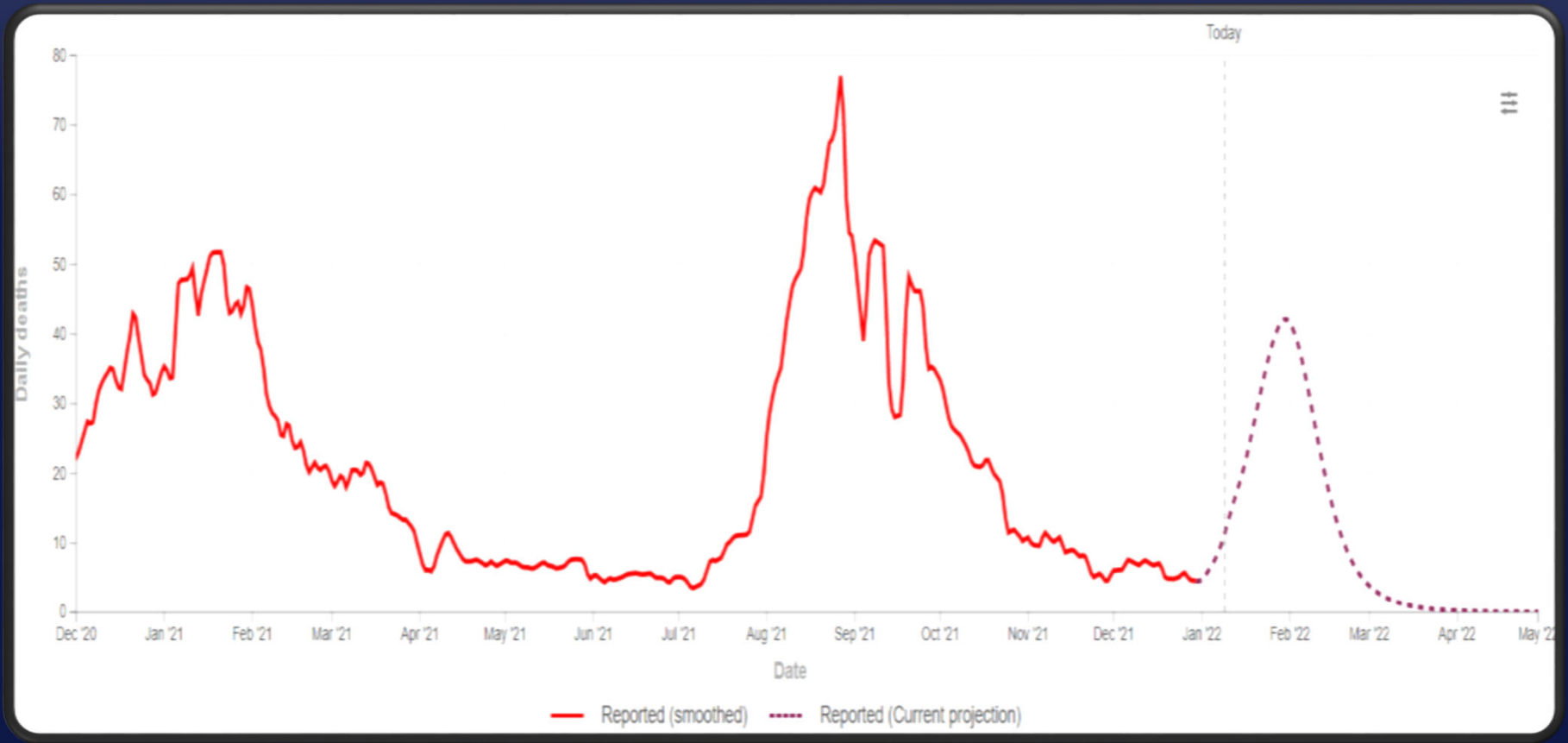


DAILY CASES IN LOUISIANA (PREDICTIVE MODEL)



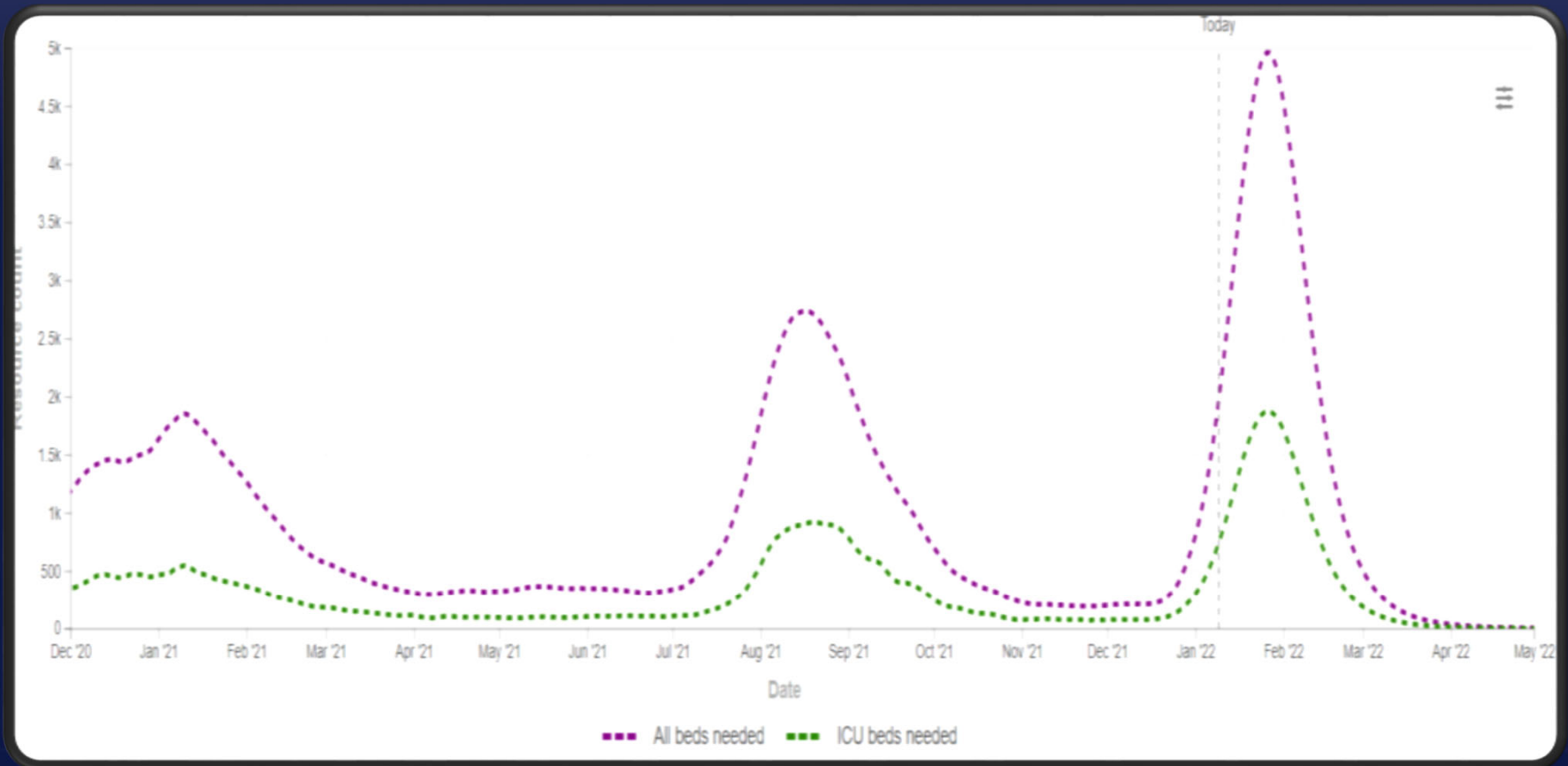
SOURCE: IHME WEBSITE

DAILY DEATHS IN LOUISIANA (PREDICTIVE MODEL)



SOURCE: IHME MODEL

HOSPITAL RESOURCE USE IN LOUISIANA

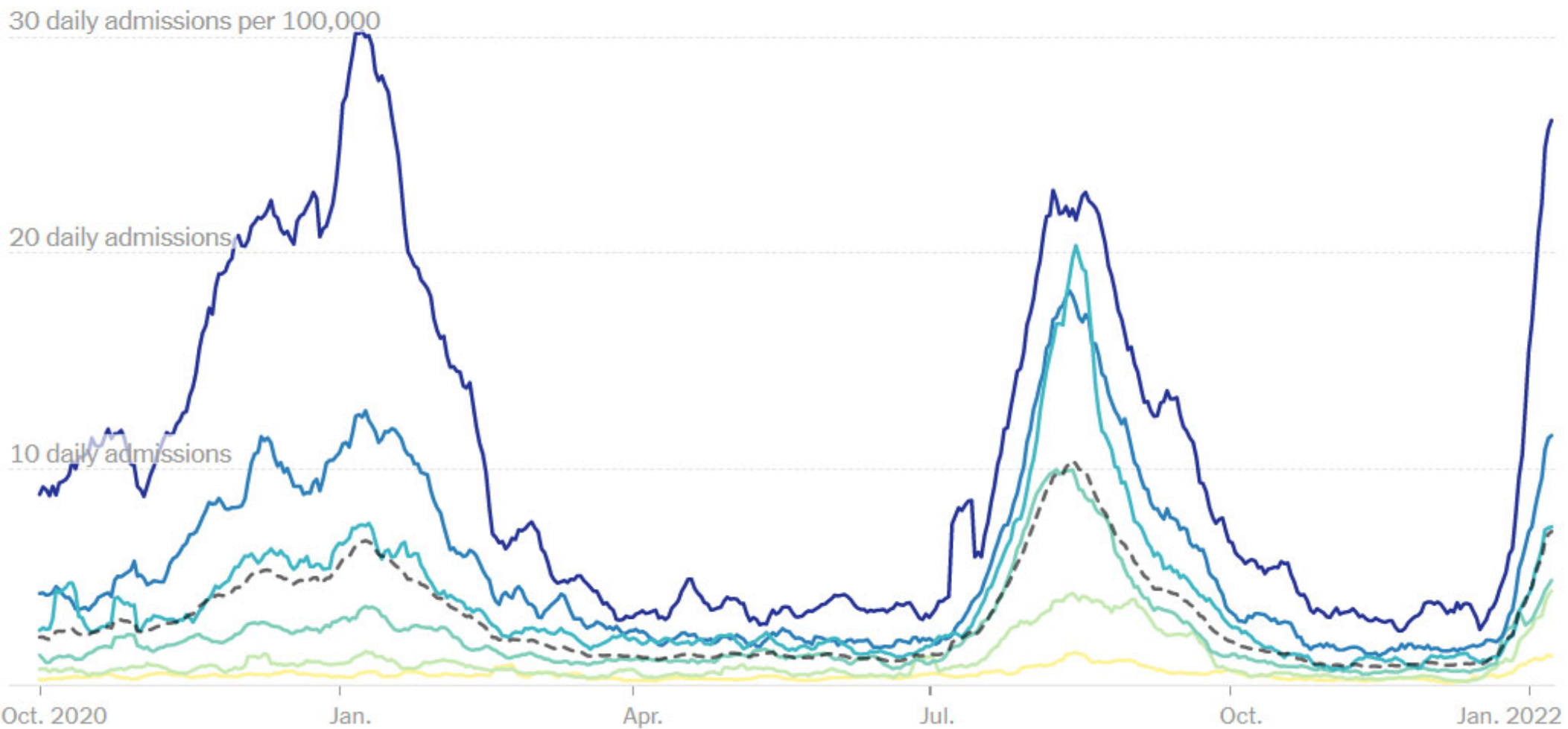
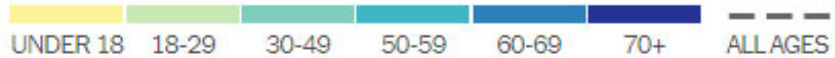


SOURCE: IHME WEBSITE

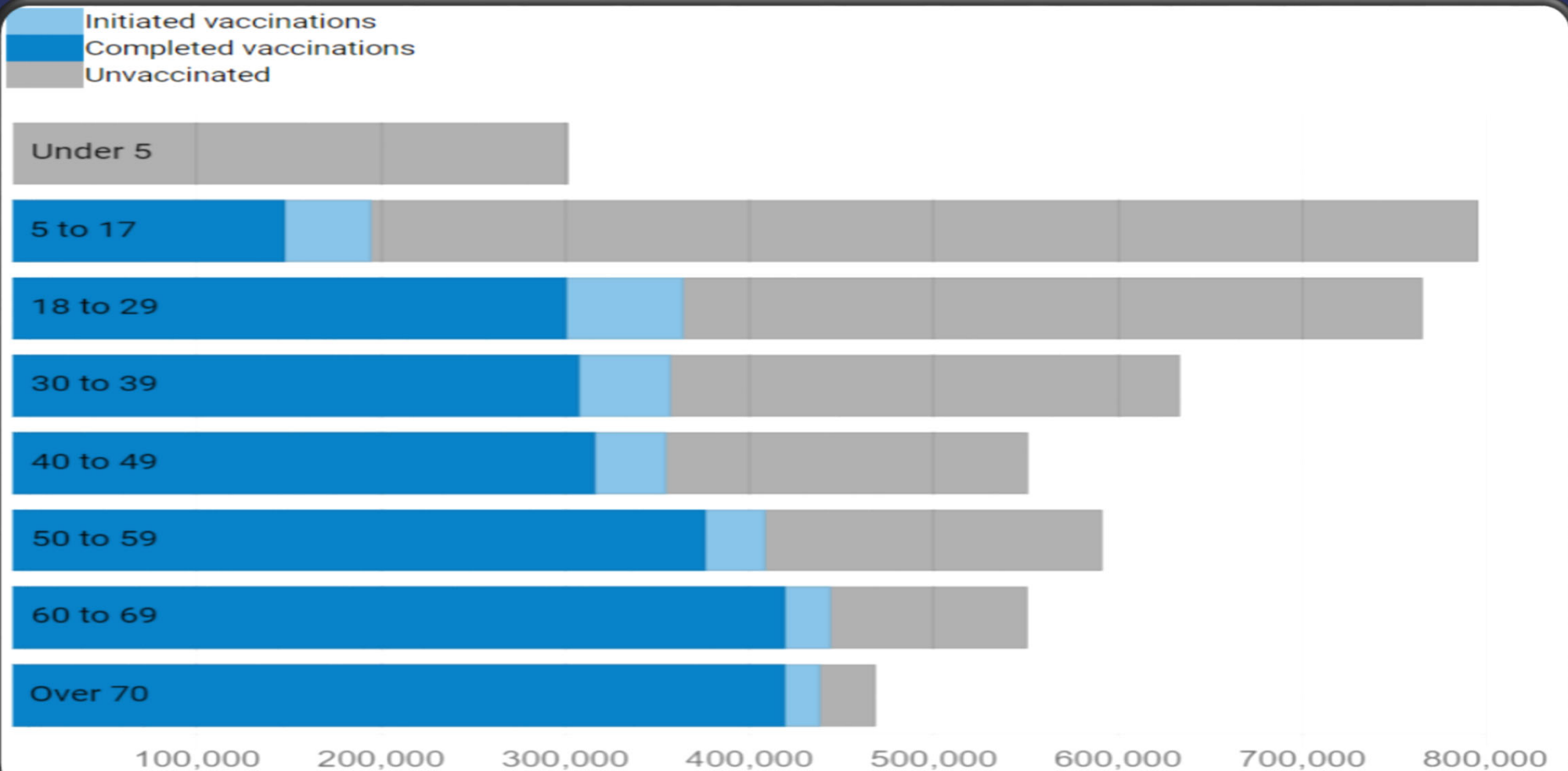
Legend: All beds needed (purple dashed line), ICU beds needed (green dashed line)

All time

Last 90 days



VACCINATION METRICS BY AGE IN LOUISIANA



Times Business & Investment

Do I qualify for a COVID-19 vaccine booster and which one?

Which primary vaccine series did you complete?	Pfizer-BioNTech	Moderna	Janssen (J&J)
You can get a booster if:	It's been at least 5 months since completing a primary series AND you are:	It's been at least 5 months since completing a primary series AND you are:	It's been at least 2 months since completing primary vaccination AND you are:
	Age 12+	Age 18+	Age 18+
If eligible, you can get a booster of:	Pfizer-BioNTech* Moderna Janssen (J&J) <small>*Only Pfizer-BioNTech can be used as a booster in those age 12-17.</small>	Moderna Pfizer-BioNTech Janssen (J&J)	Janssen (J&J) Pfizer-BioNTech Moderna

CDC ISOLATION GUIDELINES

Updated CDC Isolation and Quarantine Recommendations

If You Test **POSITIVE** for COVID-19 (regardless of vaccination status)

Day 1-5



Stay home

Day 6-10



If you have **no symptoms** or your **symptoms are resolving**, you can leave your house—continue to wear a mask around others.

If you have a fever, continue to stay home until your fever resolves.

[cdc.gov/coronavirus](https://www.cdc.gov/coronavirus)

If You were **EXPOSED** to COVID-19 & Boosted

Day 1



Wear a mask around others for 10 days.
Test on day 5, if possible

Day 5



If you develop symptoms get a test and stay home.

Day 10



[cdc.gov/coronavirus](https://www.cdc.gov/coronavirus)

If You were **EXPOSED** to COVID-19 & Unvaccinated OR Vaccinated >6 mo. ago with Pfizer or Moderna vaccine or >2 mo. ago with J&J vaccine

Day 1-5



Stay home

Day 5



Test if Possible

If you develop symptoms get a test and stay home.

Day 6-10



Continue to wear a mask around others

[cdc.gov/coronavirus](https://www.cdc.gov/coronavirus)

CURRENT THERAPIES EFFECTIVE AGAINST THE OMICRON VARIANT



NDC 0173-0901-86
Rx Only



Sotrovimab
injection
500 mg/8 mL
(62.5 mg/mL)

For intravenous infusion after further dilution.
Contains One 8-mL Single-Dose Vial.
Discard Unused Portion.

**For Use Under Emergency Use
Authorization (EUA)**



NDC 0173-0901-86
Rx Only
Sotrovimab
injection
500 mg/8 mL
(62.5 mg/mL)
For intravenous infusion after further
dilution.
**For Use Under Emergency
Use Authorization (EUA)**
8-mL Single-Dose Vial



See FDA...
www.fda.gov
additional
information
and address
Store in
6°C (39°F)
shaking
unopened
preservation
Mfg. by
Pharmacia
Rev. 4/20

ORAL ANTIVIRAL COVID TREATMENTS



	Molnupiravir (Merck)	Paxlovid (Pfizer)
Efficacy in high-risk patients, reduction of hospitalizations/deaths at 28 days	30% 9.7 vs 6.8%	89% 8.2 vs 0.7%
Deaths in placebo vs drug	9 vs 0	7 vs 0
Duration of therapy (twice daily)	5 days	5 days
Given with co-drug to promote half-life	No	Yes, ritonavir
Drug interactions (CYP3A4)	Minimal	Yes, many statins, blood thinners
Repurposed	Yes, Equine encephalitis Planned to test for RSV, influenza, redirected	No, Covid specific New chemical entity adapted from an anti-SARS molecule
Mechanism	Nucleoside analog; Induces mutations	Inhibits Mpro, not mutagenic
Active against all variants tested	Yes	Yes
Cost	~\$700	~\$500

QUESTIONS?
