

# 2019 Novel Coronavirus (COVID-19)

Thank you for joining us.  
The webinar will begin shortly.

12/30/21





**Indiana**  
**Department**  
**of**  
**Health**

# COVID-19 PUBLIC HEALTH RESPONSE

**PAM PONTONES, MA**

DEPUTY STATE HEALTH COMMISSIONER

STATE EPIDEMIOLOGIST

12/30/2021

# CDC: Isolation Guidance Updates

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## If You Test Positive for COVID-19 (Isolate)

Everyone, regardless of vaccination status.

- Stay home for 5 days.
- If you have no symptoms or your symptoms are resolving after 5 days, you can leave your house.
- Continue to wear a mask around others for 5 additional days.

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



# CDC: Quarantine Guidance Updates

## If You Were Exposed to Someone with COVID-19 (Quarantine)

### If you:

Have been boosted

OR

Completed the primary series of Pfizer or Moderna vaccine within the last 6 months

OR

Completed the primary series of J&J vaccine within the last 2 months

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

*If you develop symptoms get a test and stay home.*

### If you:

Completed the primary series of Pfizer or Moderna vaccine over 6 months ago and are not boosted

OR

Completed the primary series of J&J over 2 months ago and are not boosted

OR

Are unvaccinated

- Stay home for 5 days. After that continue to wear a mask around others for 5 additional days.
- If you can't quarantine you must wear a mask for 10 days.
- Test on day 5 if possible.

*If you develop symptoms get a test and stay home*





**Indiana**  
**Department**  
**of**  
**Health**

# UPDATED K-12 GUIDANCE FOR ISOLATION AND QUARANTINE

12/30/2021

# K-12 Guidance

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- **CDC states additional school guidance will be coming (not certain of release date)**
  - **We will update our guidance as CDC guidance changes**
- We will post under Back to School Resources later today
- Remember: the safest and most consistent guidance for the school environment is to have everyone consistently and correctly masked, no matter which guidance your school or district chooses to follow.
  - The parent daily screening tool has been updated: [https://www.coronavirus.in.gov/files/21\\_Parent-screening-12-29-21.pdf](https://www.coronavirus.in.gov/files/21_Parent-screening-12-29-21.pdf)
    - If the student, teacher or staff member is not feeling well, they should stay home and get tested
    - If the student, teacher or staff member begins feeling ill at school, they should go home immediately and get tested

The following guidance is for schools with a **mask requirement**.

Mask wearing is monitored and all students, teachers, and staff wear masks consistently in the classroom.



# K-12 Isolation Guidance: When all are masked

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## If student tests positive:

- Stay home for 5 days
- Return to school Day 6 if asymptomatic or symptoms are resolving and continue to mask for 5 days in classroom (if unable to mask properly at all times, must remain isolated at home for full 10 days)
  - Fever-free for 24 hours without medication and other symptoms improving
- Can resume extracurricular activities on Day 6 if able to wear a mask properly at all times for Days 6-10, above conditions are met and cleared by physician (<https://www.aap.org/en/pages/2019-novel-coronavirus-covid-19-infections/clinical-guidance/covid-19-interim-guidance-return-to-sports/>)



# K-12 Quarantine Guidance: When All Are Masked

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## If student is **exposed** to someone with **COVID-19** in the **classroom**:

- As long as continue to be asymptomatic, may remain in school and continue to wear a mask properly at all times, test on Day 5 if possible
- May continue extracurricular activities; wear a mask properly at all times when able (while not actively performing or actively playing during your sporting activity) for all 10 days
- If symptoms develop, get a test and stay home and if positive, follow isolation guidance. If test is negative, return to school when symptoms have resolved.

# K-12 Quarantine Guidance: When All Are Masked

If student is **exposed** to someone with **COVID-19 outside of the classroom**, including home contacts:

- If **fully vaccinated** (have received all doses of vaccines, including booster if eligible)
  - As long as asymptomatic, may remain in school and continue to mask at all times in classroom; test on Day 5 if possible
  - May continue extracurricular activities; wear mask for 10 days (while not actively performing or actively playing during your sporting activity)
  - If symptoms develop, get a test and stay home. If positive, follow isolation guidance. If test is negative, return to school when symptoms have resolved.
- If **unvaccinated or partially vaccinated**:
  - Stay home for 5 days; test on Day 5 if possible
  - Return to class on Day 6 if still asymptomatic. Continue to wear a mask for Days 6-10.
  - No extracurricular activities for 5 days of home quarantine. May resume Day 6 only if able to wear a mask at all times (including while actively performing or playing during your sporting activity) for Days 6-10.
  - If symptoms develop, get a test and stay home. If positive, follow isolation guidance. If test is negative, return to school when symptoms have resolved.

The following guidance is for schools **without a mask requirement.**



# K-12 Isolation Guidance: No Mask Requirement

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## If student tests positive:

- Stay home for 5 days
- Return to school on Day 6 if asymptomatic or symptoms are resolving and must mask for Days 6-10 in classroom
  - Fever-free for 24 hours without medication and other symptoms improving
- Can resume extracurricular activities on Day 6 only if able to wear a mask properly at all times for Days 6-10, above conditions are met and cleared by physician (<https://www.aap.org/en/pages/2019-novel-coronavirus-covid-19-infections/clinical-guidance/covid-19-interim-guidance-return-to-sports/>)

# K-12 Quarantine Guidance: No Mask Requirement

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If student is **exposed** to someone with COVID-19 in or outside the classroom, including home contacts:

- If **fully vaccinated** (have received all doses of vaccines, including booster, if eligible)
  - May remain in school as long as continue to be asymptomatic
  - Wear a mask at all times in classroom for at least 10 days (quarantine ends 10 days after the last day of exposure to the positive case), test on Day 5 if possible
  - May continue extracurricular activities; mask at all times while not actively performing or actively playing during your sporting activity
  - If symptoms develop, get a test and stay home. If positive, follow isolation guidance. If test is negative, return to school when symptoms have resolved.

# K-12 Quarantine Guidance: No Mask Requirement

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If student is **exposed** to someone with COVID-19 in or outside the classroom, including home contacts, continued:

- If **unvaccinated or partially vaccinated**:
  - Stay home for 5 days after the last day of exposure to the positive case; test on Day 5 if possible
  - Return to class on Day 6 if asymptomatic, wear a mask at all times in classroom for at least 5 days (quarantine ends 10 days after the last day of exposure to the positive case)
  - No extracurricular activities for 5 days of home quarantine. May resume Day 6 only if able to wear a mask at all times (including while actively performing or playing during your sporting activity) for Days 6-10.
  - If symptoms develop, get a test and stay home. If positive, follow isolation guidance. If test is negative, return to school when symptoms have resolved.


# Parent Daily Screening Tool

## COVID-19 Screening for Parents

Every morning before you send your child to school please check for signs of illness:

<input type="checkbox"/>	 FEVER 100.4* OR CHILLS <small>*or school board policy if threshold is lower</small>	<input type="checkbox"/>	 SORE THROAT	<input type="checkbox"/>	 COUGH* OR SHORTNESS OF BREATH <small>*especially new onset, uncontrolled cough</small>
<input type="checkbox"/>	 DIARRHEA, NAUSEA OR VOMITING, ABDOMINAL PAIN	<input type="checkbox"/>	 HEADACHE* <small>*particularly new onset of severe headache, especially with fever</small>	<input type="checkbox"/>	 NEW LOSS OF TASTE OR SMELL

\*May present with more than one symptom. This list does not include all possible symptoms.

- 1 Does your child have any sign of illness above?
  - 2 Was your child in close contact (within 6 feet for a total of 15 minutes over a 24-hour period) with anyone confirmed with COVID-19?
  - 3 If the answer is YES to any of the questions, DO NOT send your student to school. Instead, get your child tested for COVID-19 and isolate them until their test result is received.
  - 4 Please keep your student home until they meet the criteria to return to school.
-  If your child has trouble breathing, chest pain, new confusion, inability to wake or stay awake or bluish lips or face. **CALL 911!**



- Screening to occur daily prior to sending student on bus or dropping off at parent drop off
- When in doubt, do not send to school and seek testing or medical opinion

# K-12 Reminders

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- Masking is the safest way to keep everyone safe while in school, and if your school has a mask requirement in place, no one needs to quarantine if they are identified as close contacts. Students and staff may continue to attend school and monitor for symptoms.
- Contact Tracing, isolation of positive cases and quarantine of close contacts is not optional. Continue to follow control measures (will be updated).
- Get students and staff home if they are symptomatic, running a temp, or have other symptoms of COVID-19 and other viral illnesses. We have always asked that students and staff who are ill stay home. This guidance is not new!



# Early Childhood Guidance

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- Early childhood guidance is staying the same at this time.
- Follow guidance as it stands now, which includes
  - Masking at all times by staff and those greater than 2 years old who are able to mask up
  - Continue current isolation and quarantine guidance as you have been
  - Do not come to work if you are sick
- Guidance
  - English <https://www.in.gov/fssa/carefinder/files/OECOSL-ECE-Guidelines-for-COVID-19.pdf>
  - Spanish <https://www.in.gov/fssa/carefinder/files/Updated-COVID-19-child-care-guidance-spanish.pdf>
- What to do for a positive case
  - English [https://www.in.gov/fssa/carefinder/files/Child\\_Care\\_Positive\\_Cases\\_Guidance.pdf](https://www.in.gov/fssa/carefinder/files/Child_Care_Positive_Cases_Guidance.pdf)
  - Spanish [https://www.in.gov/fssa/carefinder/files/6003-OECOSL-COVID-Positive-Procedure\\_v5\\_Spanish.pdf](https://www.in.gov/fssa/carefinder/files/6003-OECOSL-COVID-Positive-Procedure_v5_Spanish.pdf)

# Early Childhood

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- COVID Closure Grants
  - Provides assistance when a program/classroom closes for a confirmed COVID-19 case
  - Covers cost of tuition for absent children of private pay families
  - Requires the childcare center to discuss the situation with the LHD and document call

- Questions?

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OECOSL Chief Nurse Consultant

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# Masks ARE REQUIRED on school buses

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- Current guidance from CDC and National Association for Pupil Transportation
- Requirement for face masks on public transportation includes school buses except for those:
  - Younger than 2 years old
  - Those with a disability who cannot wear a mask safely because of the disability as defined by the Americans with Disabilities Act (42 U.S.C.12101 *et seq.*)
  - A person for whom wearing a mask would create significant risk
- Follow current mask requirements until further notice
- For distancing recommendations – see ED COVID-19 Handbook Volume 1 – 2021: Strategies for Safely Reopening Elementary and Secondary Schools / Transportation Considerations pages 15-16

# Higher Education

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- Maintain current guidance recommendations including:
  - When and how to isolate - [https://www.coronavirus.in.gov/files/20\\_Higher-Ed-isolation\\_COVID-19\\_8-10-20.pdf](https://www.coronavirus.in.gov/files/20_Higher-Ed-isolation_COVID-19_8-10-20.pdf)
  - When and how to quarantine- [https://www.coronavirus.in.gov/files/20\\_Higher-Ed-quarantine\\_10-19-21.pdf](https://www.coronavirus.in.gov/files/20_Higher-Ed-quarantine_10-19-21.pdf)
  - Mask up in classrooms, lecture halls, etc. when on campus.
  - Encourage masking in common areas of dorms, other social settings
  - Follow all mitigation strategies as you have been
  - Consider your plan for testing prior to return and during the spring semester
- Remember higher education environments are considered congregate living settings so should be treated as such.
- CDC will be updating guidance in the coming weeks, and we will update your guidance as quickly as we can when information changes. Until then, for questions, refer to CDC link below.

# Interim Guidance for Healthcare Personnel

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

HCP are considered “boosted” if they have received all COVID-19 vaccine doses, including a booster dose, as recommended by CDC. HCP are considered “vaccinated” or “unvaccinated” if they have NOT received all COVID-19 vaccine doses, including a booster dose, as recommended by CDC.

For more details, including recommendations for healthcare personnel who are immunocompromised, 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
Boosted, Vaccinated, or Unvaccinated	10 days OR 7 days with negative test <sup>†</sup> , if asymptomatic or mildly symptomatic (with improving symptoms)	5 days with/without negative test, if asymptomatic or mildly symptomatic (with improving symptoms)	No work restriction, with prioritization considerations (e.g., asymptomatic or mildly symptomatic)

### Work Restrictions for Asymptomatic HCP with Exposures

Vaccination Status	Conventional	Contingency	Crisis
Boosted	No work restrictions, with negative test on days 2 <sup>‡</sup> and 5–7	No work restrictions	No work restrictions
Vaccinated or Unvaccinated, even if within 90 days of prior infection	10 days OR 7 days with negative test	No work restriction with negative tests on days 1 <sup>‡</sup> , 2, 3, & 5–7	No work restrictions (test if possible)

<sup>†</sup>Negative test result within 48 hours before returning to work

<sup>‡</sup>For calculating day of test: 1) for those with infection consider day of symptom onset (or first positive test if asymptomatic) as day 0; 2) for those with exposure consider day of exposure as day 0



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

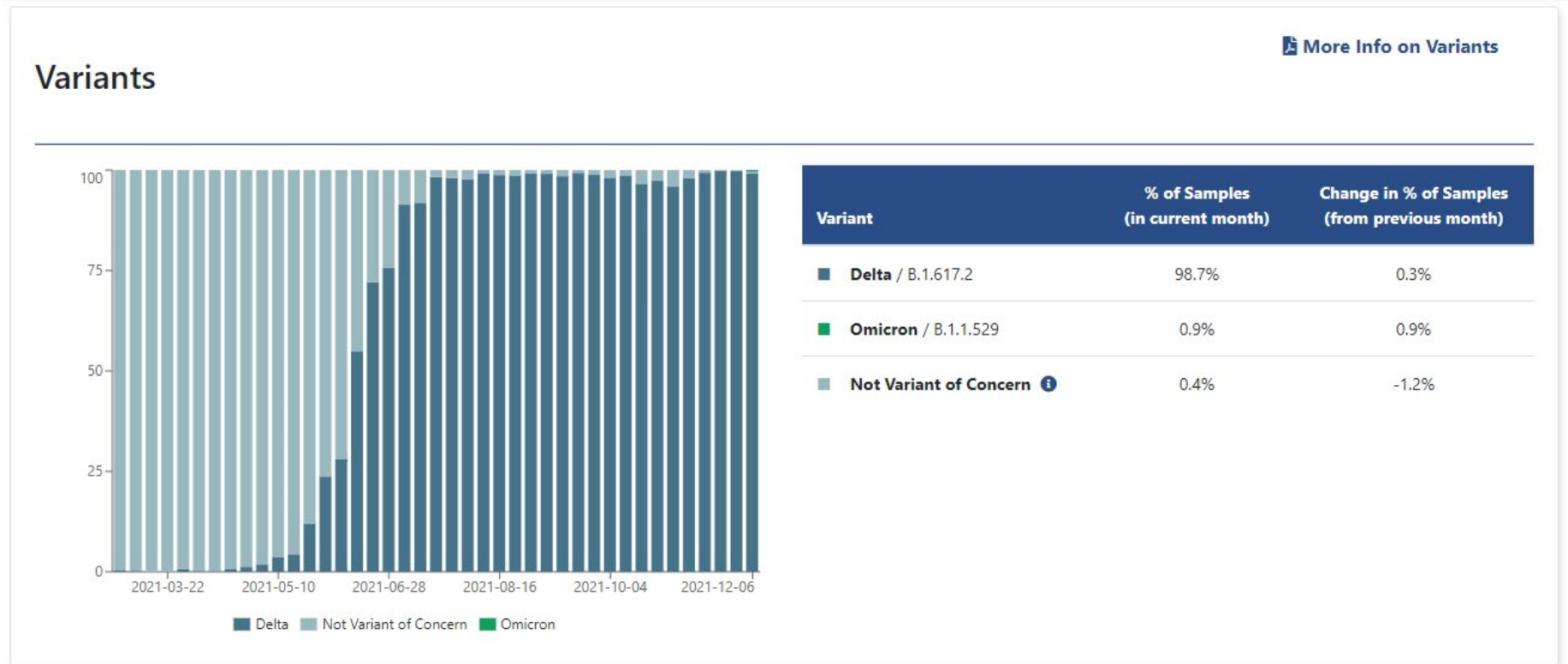


<https://www.cdc.gov/coronavirus/2019-ncov/hcp/guidance-risk-assesment-hcp.html>

# Omicron Variant: Dashboard

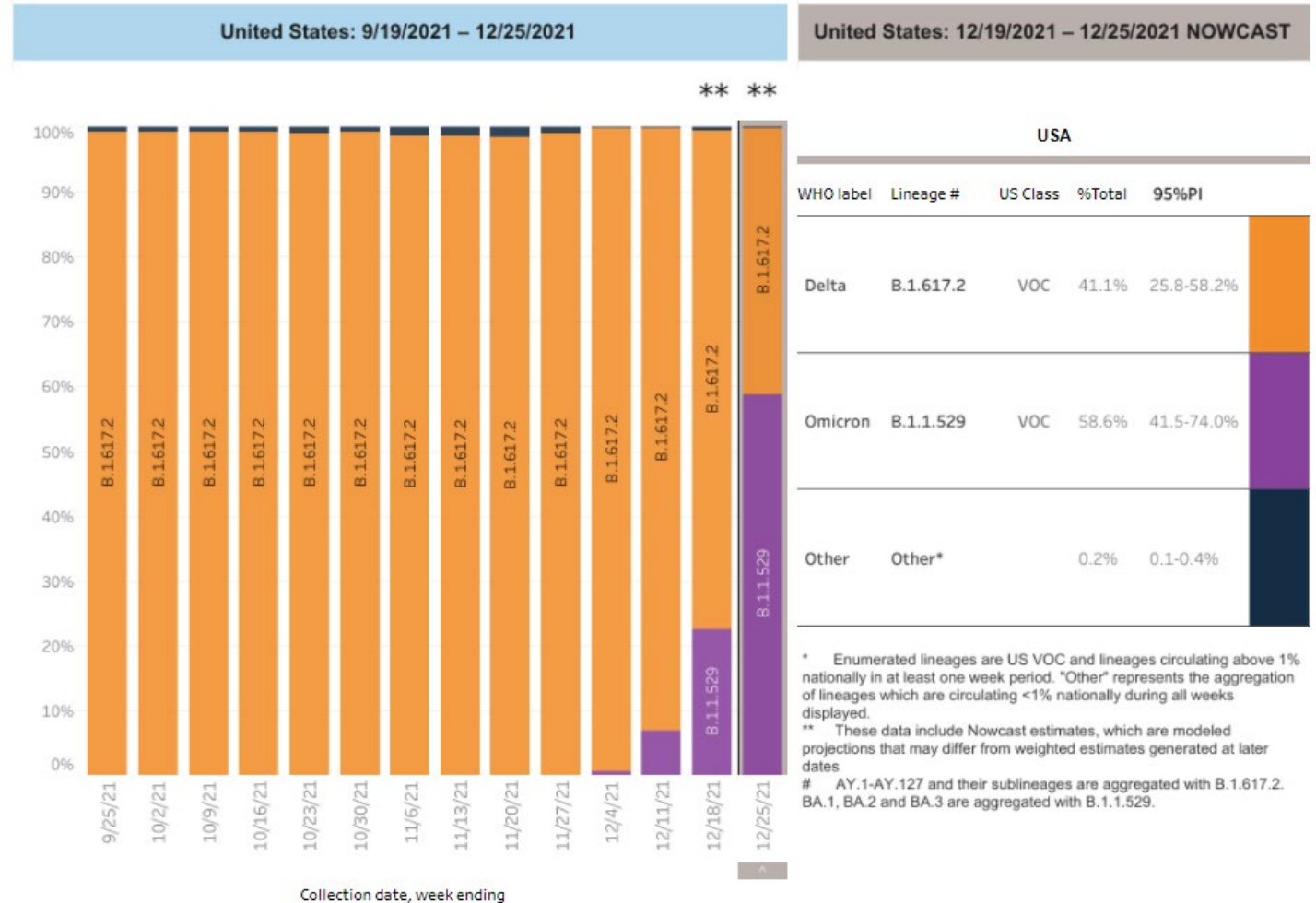
Indiana has received sequencing results for 10 Omicron cases so far.

Week of Dec 12-18 is the most recent with sequencing results. Out of 29 samples so far, 9 were omicron.



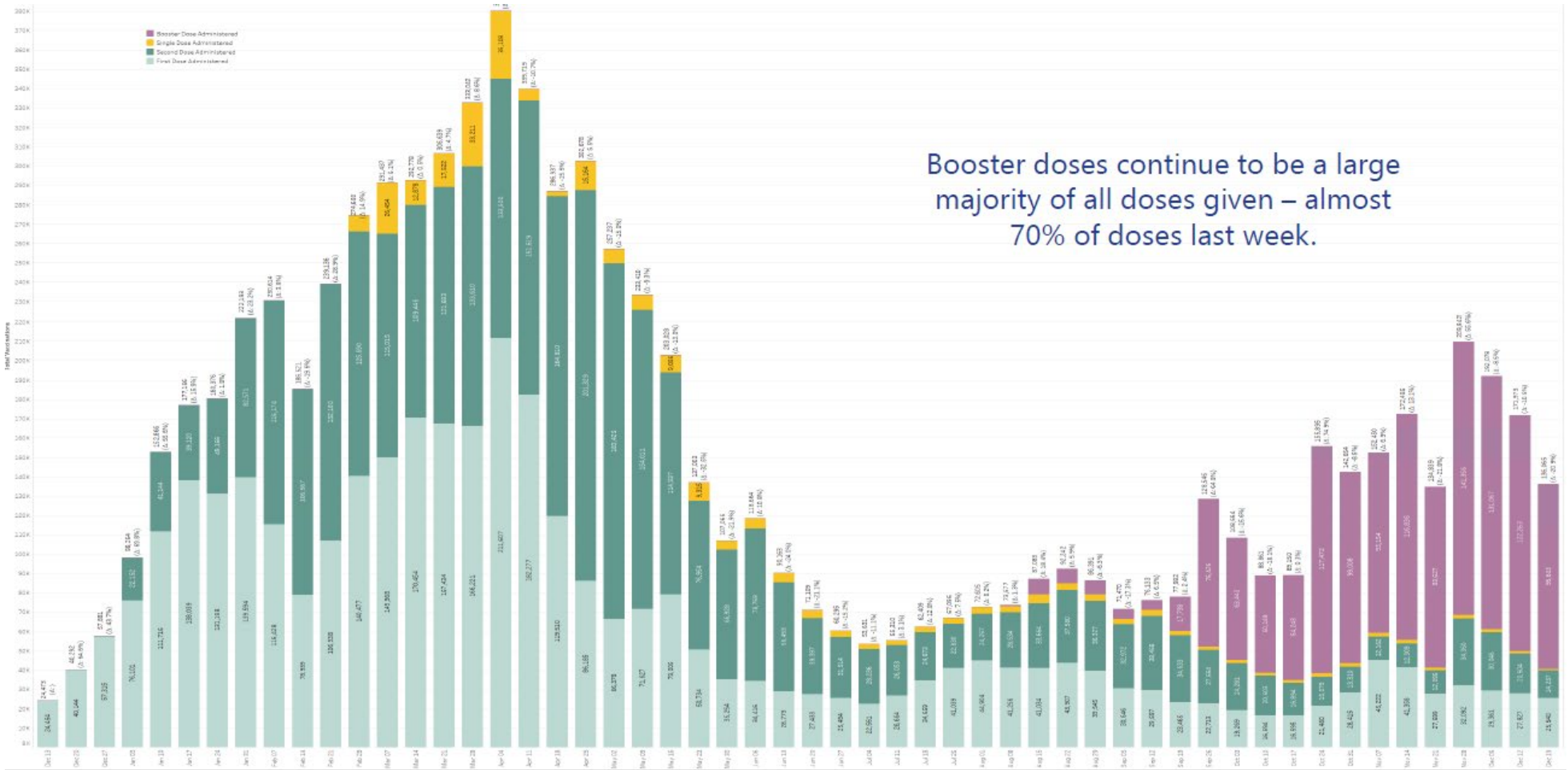
# Omicron Variant: Nationally

- 277,000 cases /day shattering record but hospitalizations lower than Jan 2020
- 3 testing positive/second
- 44,000+ deaths projected in next four weeks
- Pediatric hospitals doubling in past month
- Compared to people who are boosted, if you are unvaccinated, you are 10 times more likely to be a case and 20 times more likely to be a fatality.
- Compared to people who are (vaccinated), you are 17 times more likely to be in the hospital





# Vaccinations Administered by Week



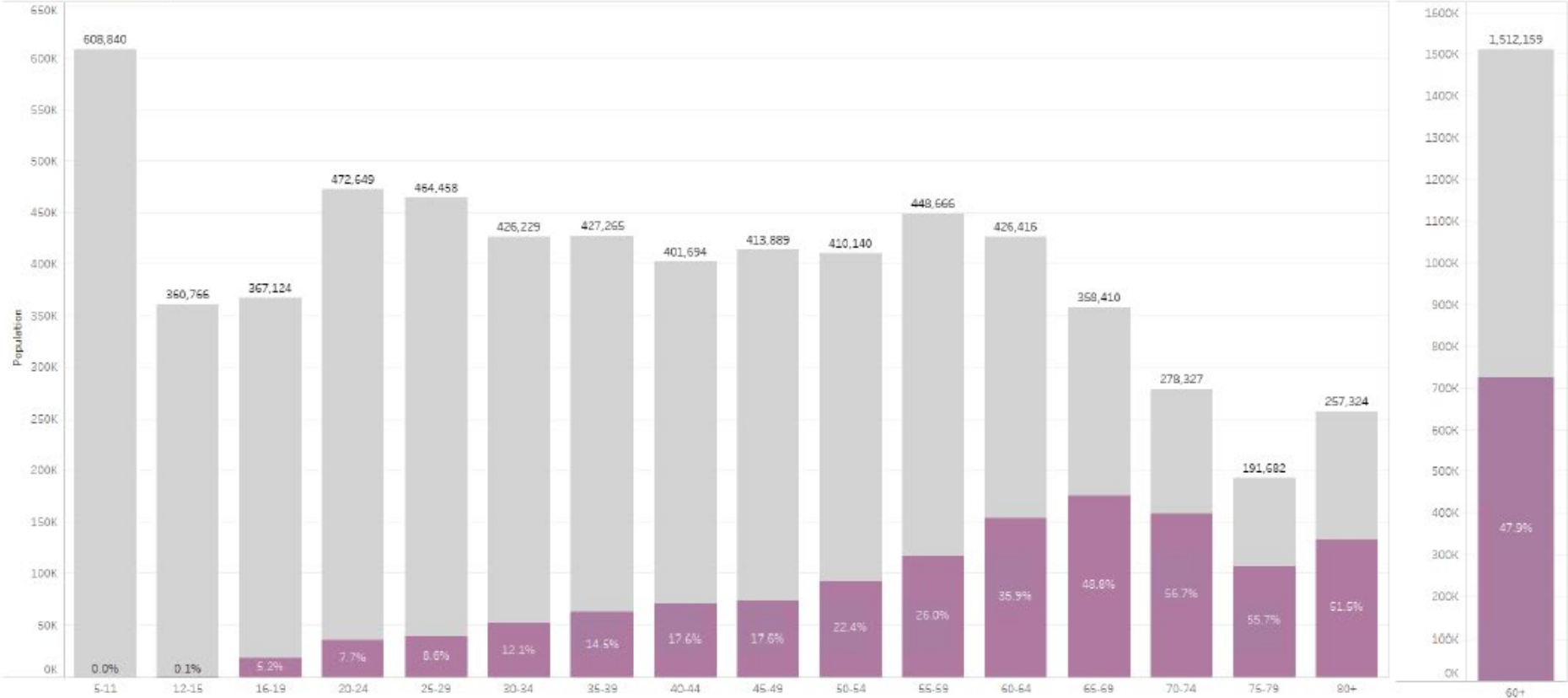
Booster doses continue to be a large majority of all doses given – almost 70% of doses last week.





# Booster Dose Update by Age Group

Booster Doses Administered Compared to State Population by Age Group  
 Last Updated: 12/27/2021



Almost 50% of individuals over 60 have received a booster dose.

Booster dose uptake drops off significantly for each younger age group



# COVID-19 Treatment

<p><b>Merck - Molnupiravir</b> Antiviral pills (4 capsules 2x/day for 5 days)</p>	<p>Treatment of mild to moderate COVID in <b>18+</b> at high risk of severe COVID and for whom alternative COVID treatment options are not accessible or clinically appropriate</p> <p>Works best within 5 days of symptom onset</p> <p>Reduces the risk of severe disease by 30%</p>	<p>First 4,880 courses allocated to CVS and Walmart pharmacies</p> <p>Requires prescription</p>
<p><b>Pfizer - Paxlovid</b> Antiviral pills (3 tablets 2x/day for 5 days)</p>	<p>Treatment of mild to moderate COVID in <b>12+</b> at high risk of severe COVID</p> <p>Works best within 5 days of symptom onset</p> <p>Reduces the risk of hospitalization and death by 89%</p>	<p>First 1,060 courses allocated to hospitals</p> <p>Requires prescription</p>
<p><b>AstraZeneca - Evusheld</b> Monoclonal antibody (2 consecutive IM injections)</p>	<p>Pre-exposure prevention (prophylaxis) of COVID in individuals <b>12+</b> if the individual has either:</p> <ol style="list-style-type: none"><li>1) Compromised immune system due to medical condition or immunosuppressant meds; or</li><li>2) History of adverse reactions to a component of vaccine meaning vaccination is not recommended</li></ol> <p>Treatment is for individuals not currently infected and who have not been recently exposed</p>	<p>First 984 courses allocated to transplant centers and soon to cancer centers</p>

# COVID-19 Treatment

Treatment and Form	Usage	Distribution
<p><b>Gilead Veklury - Remdesivir</b>  <i>Antiviral drug            (IV infusion)</i></p>	<p><i>Treatment of COVID in patients 12+</i></p> <p><i>Studies indicate a 3-day course of Remdesivir in high-risk COVID patients early in illness cuts hospitalization rates and death by 87%</i></p>	<p><i>Providers can directly order through typical supply chains</i></p>
<p><b>GlaxoSmithKline - Sotrovimab</b>  <i>Monoclonal antibody            (IV infusion)</i></p>	<p><i>Treatment of mild to moderate COVID in individuals 12+ at high risk of severe COVID</i></p> <p><i>Not authorized for use in hospitalized patients or individuals requiring oxygen for COVID treatment</i></p>	<p><i>IDOH allocates to hospitals / infusion clinics</i></p> <p><i>Supply remains limited</i></p>
<p><b>Eli Lilly - Bamlanivimab and Etesevimab</b>  <i>Monoclonal antibody            (IV infusion)</i></p>	<p><b>Not effective against Omicron</b></p> <p><i>Treatment of mild to moderate COVID in <b>all individuals</b> at risk of severe COVID</i></p> <p><i>Authorized for both treatment and post-exposure prevention</i></p>	<p><i>IDOH allocates to hospitals / infusion clinics</i></p> <p><i>HHS to stop shipping week of 1/3</i></p>
<p><b>Regeneron - REGEN-COV</b>  <i>Monoclonal antibody            (IV infusion)</i></p>	<p><b>Not effective against Omicron</b></p> <p><i>Treatment of mild to moderate COVID in individuals 12+</i></p> <p><i>Authorized for both treatment and post-exposure prevention</i></p>	<p><i>IDOH allocates to hospitals / infusion clinics</i></p> <p><i>HHS to stop shipping 1/3</i></p>



<https://www.coronavirus.in.gov/covid-19-treatment-information/>

# Executive Orders updated

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- Executive Order 21-34  
[FURTHER CONTINUATION OF LIMITED PROVISIONS TO ADDRESS THE IMPACT AND SPREAD OF THE CORONAVIRUS DISEASE \(COVID-19\)](#)
- Executive Order 21-33  
[TWENTY-SECOND RENEWAL OF THE PUBLIC HEALTH EMERGENCY DECLARATION FOR THE COVID-19 OUTBREAK](#)

# Testing and Vaccination Strike Teams

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**Noon to 8 p.m. Wednesday to Saturday  
Jan. 5-8**

Marshall  
Shelby

Switzerland  
Ripley

Pike

- From the FDA:
  - Rapids have reduced sensitivity to omicron
  - Incubation period appears to be shorter, about three days



# IMS Extended

- Extended through Jan. 22

## JANUARY

1/4 - 1/8; 1/11 - 1/15; 1/18 - 1/22

Tuesdays – Fridays: 4 p.m. - 8 p.m.

Saturday: 8 a.m. – Noon

- Continue to see strong throughput for testing and vaccination





# Testing Supplies

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- Federal government is supplying 50 million rapid antigen test to community clinics
- Federal government working to distribute another 500 million free rapid tests directly to households, hopefully next month
- Providing tests for long-term care staff
- Still have swabs and VTM available



## Other Updates and Numbers

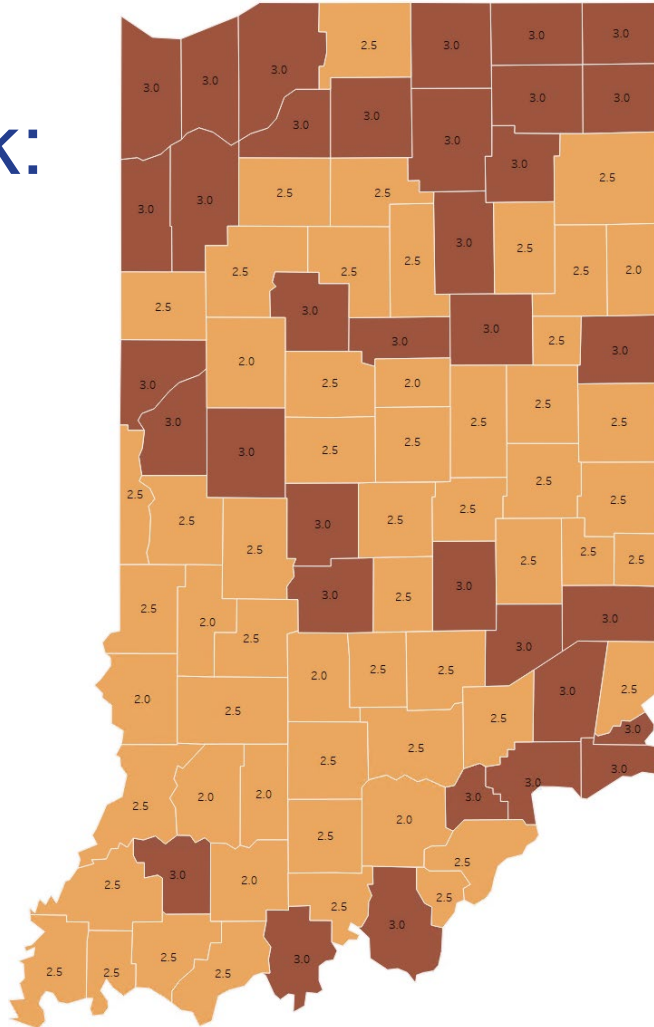


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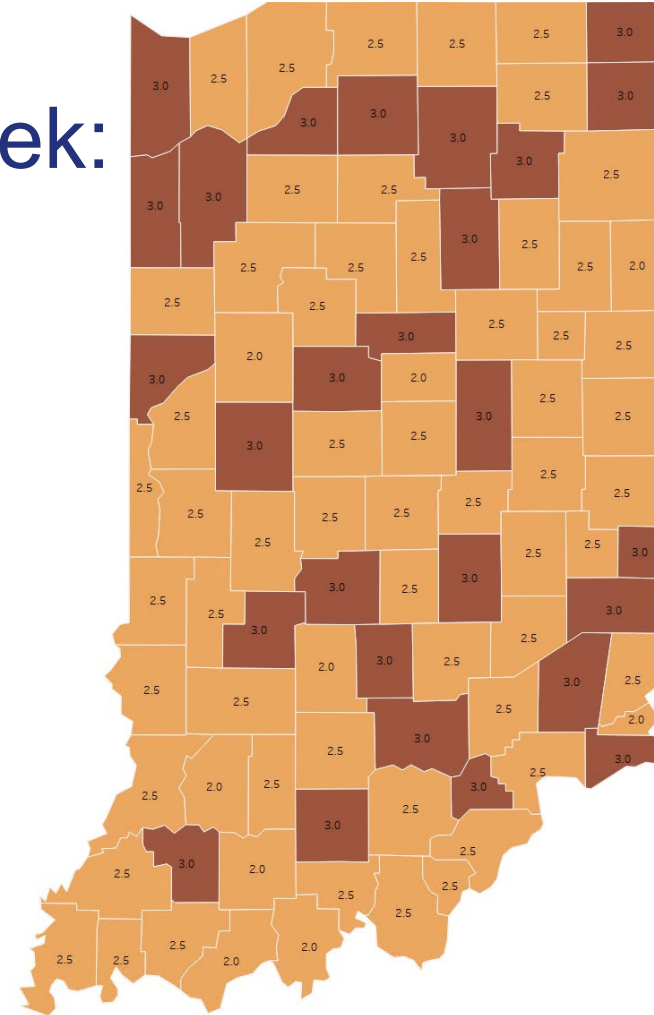


# County Metrics

Last week:



This week:



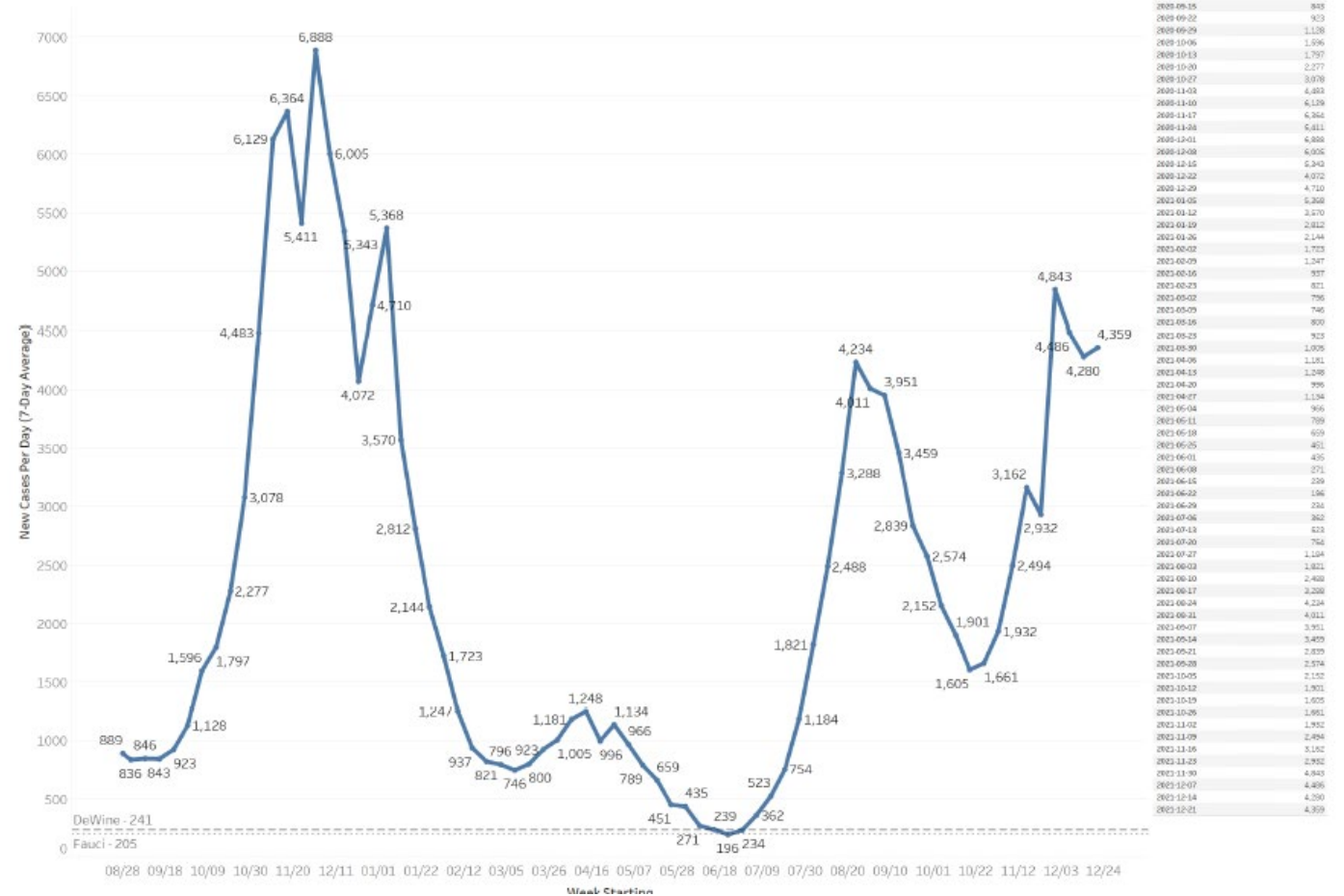
# Case Trend

Indiana averaged 4,359 cases per day this week.

Cases remained stable last week, though we typically experience lagged and low reporting during holidays.

Indiana set single-day high for cases in 2021 yesterday at over 7,900

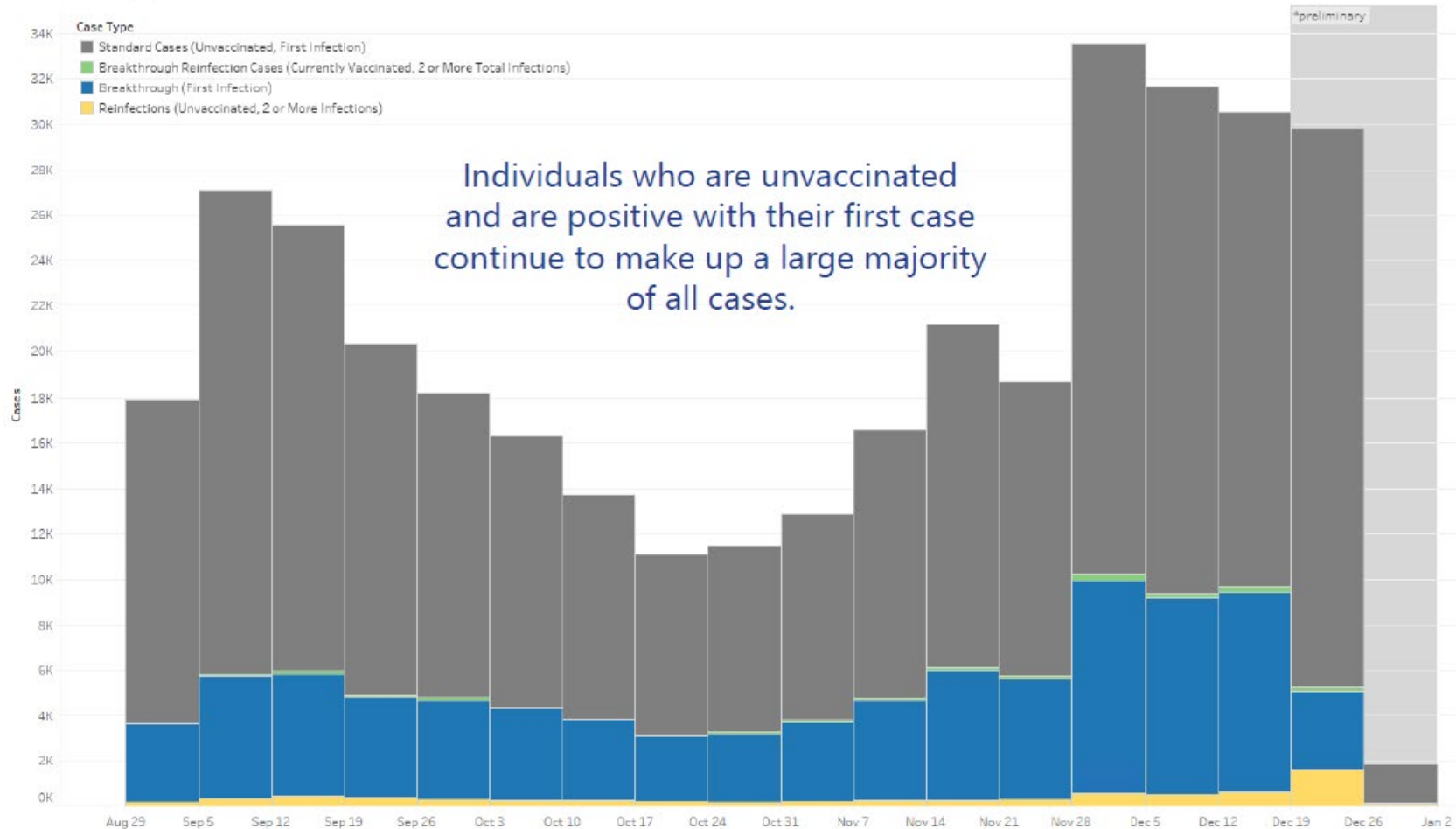
New Cases (7-Day Average)  
Data As Of December 27, 2021



# Cases by Type

## Cases by Week

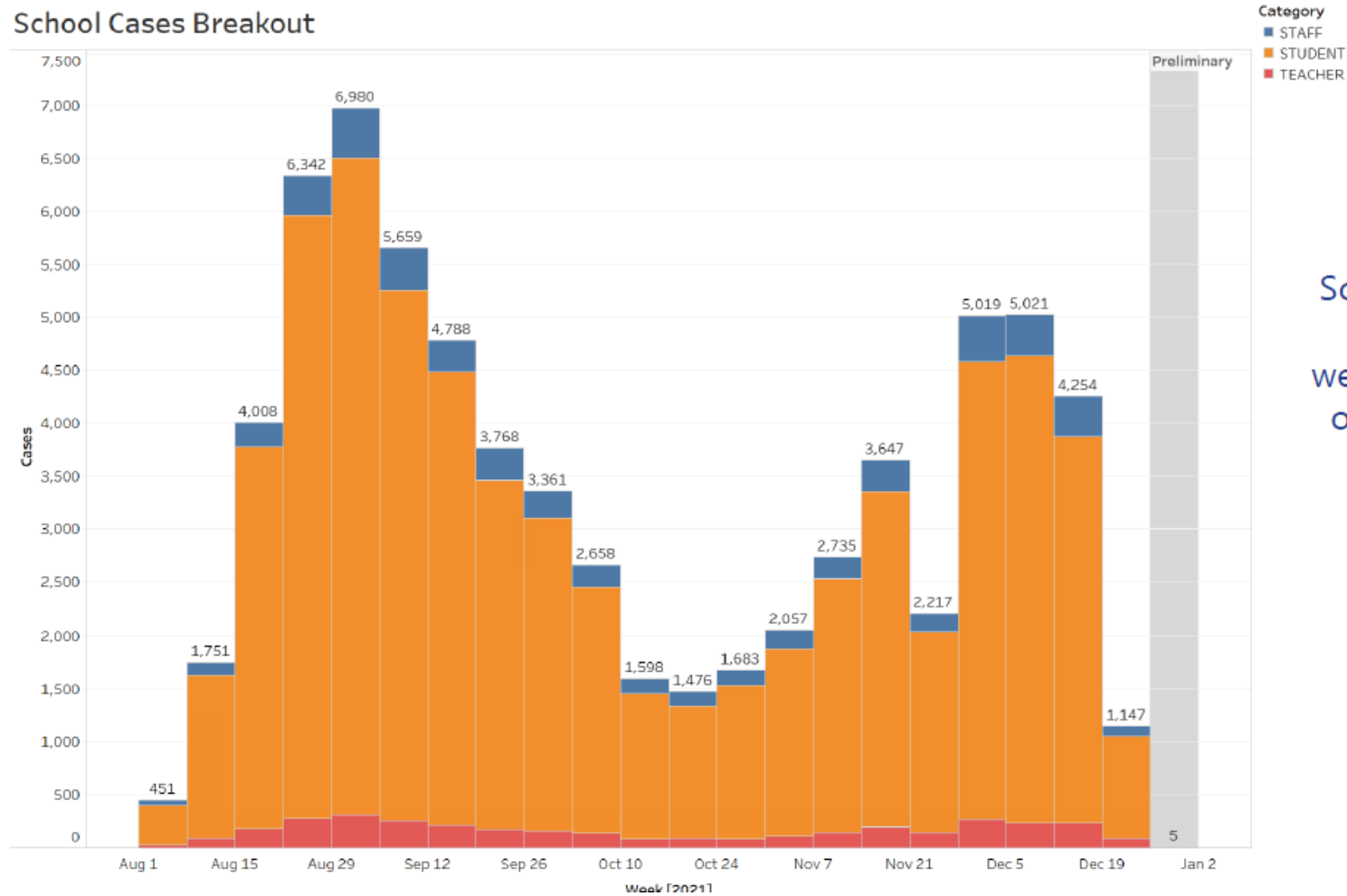
Data Current as of 12/27/2021



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# School Counts

School Cases Breakout



School cases have also increased in recent weeks and are currently over peak 2020-2021 weekly values.

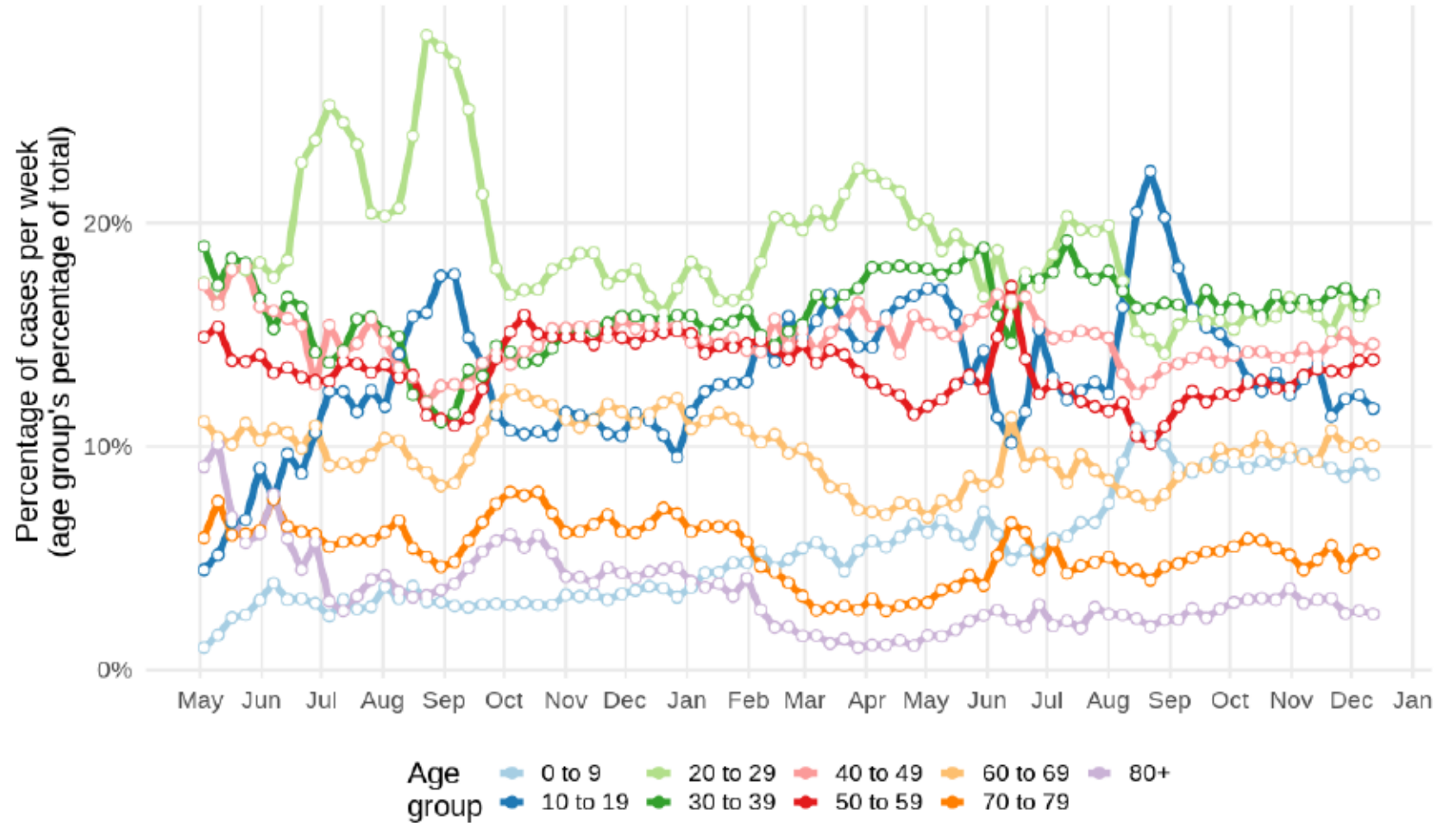


# Cases by Age Group

Younger age groups (40 and below) make up a larger portion of cases than this time last year.

The 0-9 age group alone has increased from ~3% to 10% of cases.

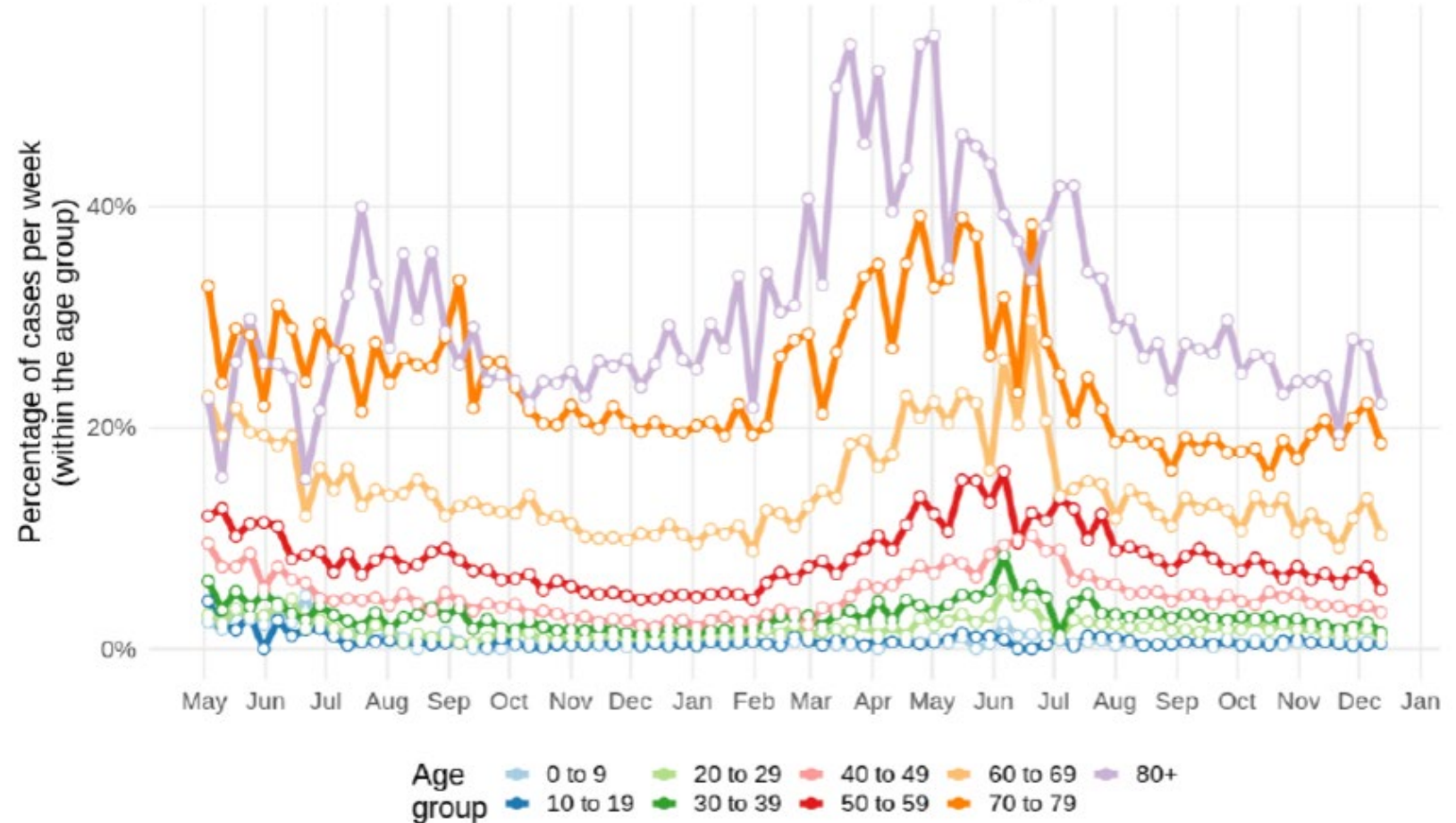
Confirmed COVID-19 cases





# % Hospitalized by Age Group

Confirmed COVID-19 cases who are admitted to a hospital

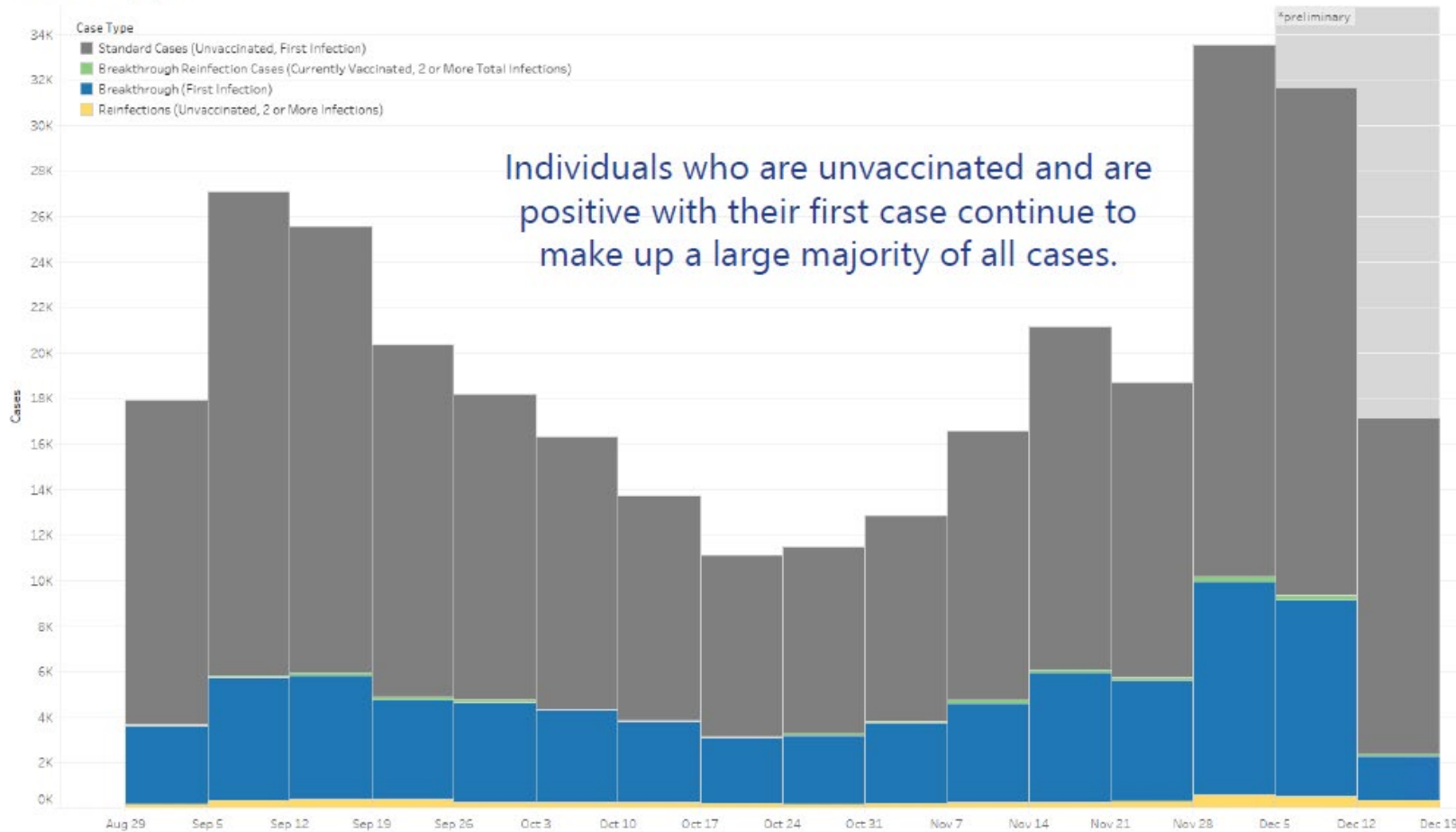


Though cases are increasing in younger age groups, Indiana is not seeing higher hospitalization rates among cases in those age groups.

# Case by Type

## Cases by Week

Data Current as of 12/16/2021

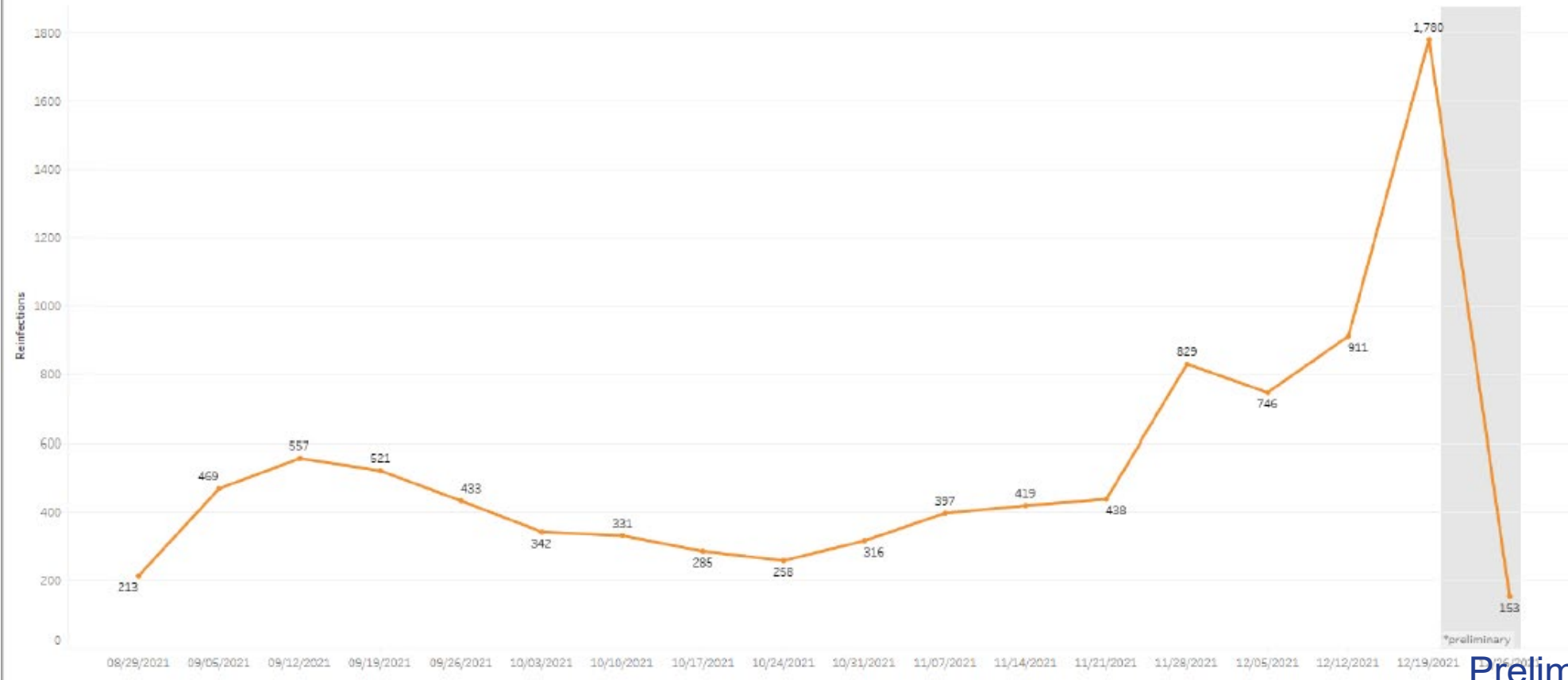


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# Reinfections

Reinfections by Week

Current as of 12/27/2021



Preliminary



# Breakthrough Cases

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**101,623**

**Total Breakthrough Cases Since January 18**

Breakthrough cases are about 2.8% of all fully vaccinated individuals and 17.6% of cases since January 18

Last week: 94,046 breakthrough cases

# Breakthrough Hospitalizations

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Of 94,046 total confirmed breakthrough cases as of last week:

**2,991 ED visits**

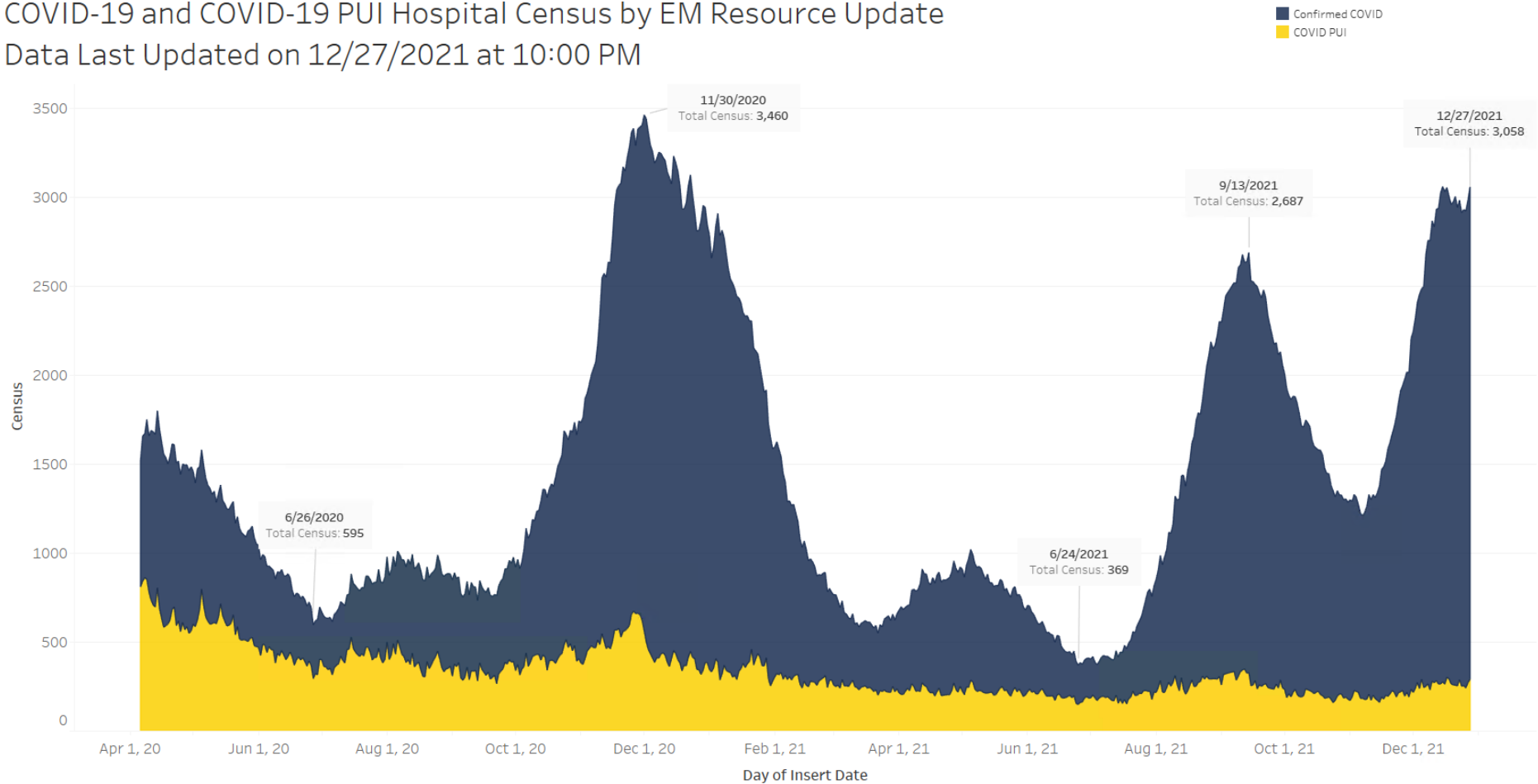
**2,068 inpatient admissions**

**347 ICU admissions**

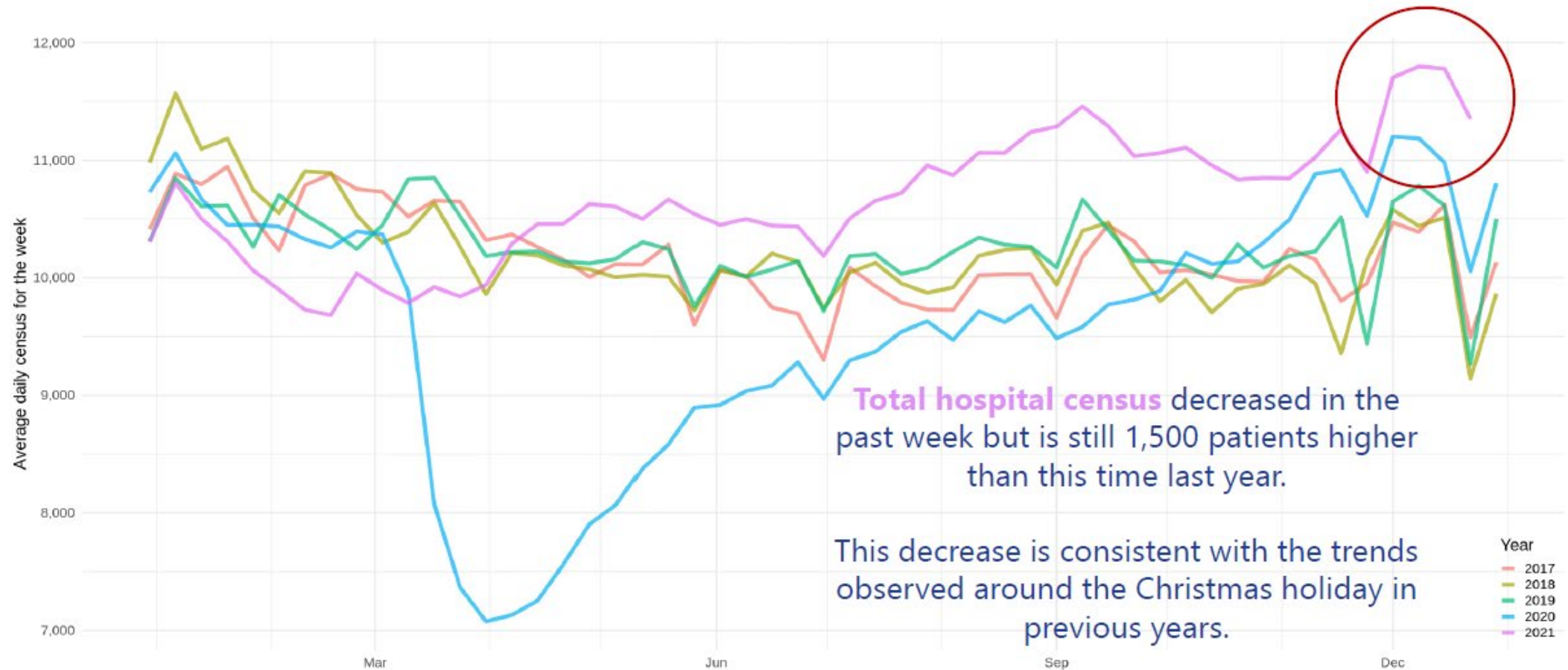
had a diagnosis of COVID-19

# Statewide Hospital Census

COVID-19 and COVID-19 PUI Hospital Census by EM Resource Update  
Data Last Updated on 12/27/2021 at 10:00 PM



# Total Hospital Census

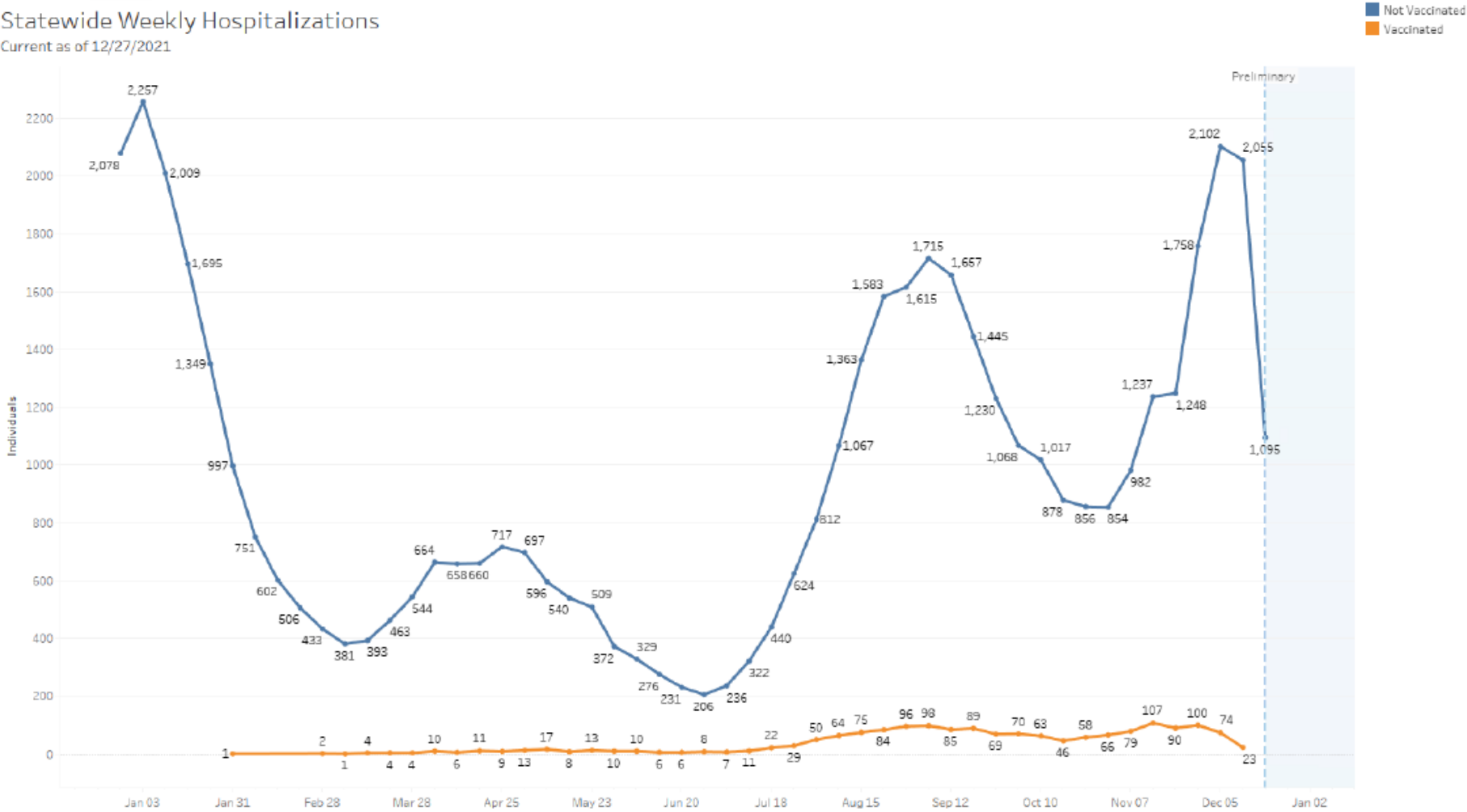


Total hospital census decreased in the past week but is still 1,500 patients higher than this time last year.

This decrease is consistent with the trends observed around the Christmas holiday in previous years.

# Hospital Admissions by Vaccination Status

Statewide Weekly Hospitalizations  
Current as of 12/27/2021



# Questions?

Click on the Q&A icon in the upper-right corner of the livestream window to submit your questions.

## REMINDERS:

Next LHD webcast:

10 a.m. Tuesday, Jan. 4

Next School webcast:

10 a.m. Thursday, Jan. 6

