Ask Dr. Arwady

11/4/2021
# Chicago COVID-19 Community Transmission and Risk Matrix

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<tbody>
<tr>
<td>Chicago residents - 7-day rolling daily average</td>
<td>800+</td>
<td>400 - 799</td>
<td>200 - 399</td>
<td>Current: 322 Increasing</td>
<td>20 - 199</td>
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</tbody>
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<tbody>
<tr>
<td>Chicago residents - 7-day rolling daily average</td>
<td>10%+</td>
<td>6.6 - 9.9%</td>
<td>5.0 - 6.5%</td>
<td>2 - 4.9%</td>
<td>Current: 1.8% Increasing</td>
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<tr>
<th>Hospital Beds (Non-ICU) Occupied by COVID Patients</th>
<th>Very High Transmission</th>
<th>High Transmission</th>
<th>Substantial Transmission</th>
<th>Lower Transmission</th>
<th>Low Transmission</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chicago hospitals - 7-day rolling daily average</td>
<td>1250+</td>
<td>750 - 1249</td>
<td>250 - 749</td>
<td>100 - 249</td>
<td>-100</td>
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<th>ICU Beds Occupied by COVID Patients</th>
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<td>Chicago hospitals - 7-day rolling daily average</td>
<td>400+</td>
<td>300 - 399</td>
<td>100 - 299</td>
<td>20 - 99</td>
<td>Current: 65 Increasing</td>
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Source: Chicago Department of Public Health, data current as of November 4, 2021. These metrics represent general community COVID transmission and should not be applied to individual settings that have mitigation practices in place.
COVID CASE rates remain higher among **Unvaccinated** compared to **Fully Vaccinated Chicagoans**.

Even in Delta surge alone, unvaccinated Chicagoans have been **MORE THAN TWICE** as likely as vaccinated Chicagoans to be diagnosed with COVID-19.

**Notes:** Includes cases among Chicago residents reported into the Illinois Electronic Disease Surveillance System (I-NEDSS) with date of specimen collection 2/28/2021-10/23/2021, pulled 10/27/2021. Vaccination status obtained from the Illinois Comprehensive Automated Immunization Registry (I-CARE) registry. Fully vaccinated defined as completion of vaccine series at least 14 days prior to a positive test (with no other positive tests in the previous 45 days). Rate for vaccinated calculated as total cases divided by cumulative vaccinated at the end of each week, multiplied by 100,000. Rate for unvaccinated calculated as total cases divided by total population minus cumulative vaccinated at the end of each week, multiplied by 100,000.
COVID HOSPITALIZATION rates remain higher among Unvaccinated compared to Fully Vaccinated Chicagoans.

Notes: Includes cases among Chicago residents reported into the Illinois Electronic Disease Surveillance System (I-NEDSS) with date of hospital admission 2/28/2021-10/23/2021, pulled 10/27/2021. Vaccination status obtained from the Illinois Comprehensive Automated Immunization Registry (I-CARE) registry. Fully vaccinated defined as completion of vaccine series at least 14 days prior to a positive test (with no other positive tests in the previous 45 days). Rate for vaccinated calculated as total hospitalized cases divided by cumulative vaccinated at the end of each week, multiplied by 100,000. Rate for unvaccinated calculated as total hospitalized cases divided by total population minus cumulative vaccinated at the end of each week, multiplied by 100,000.
COVID DEATH rates remain higher among **Unvaccinated** compared to **Fully Vaccinated Chicagoans**.

Even in Delta surge alone, unvaccinated Chicagoans have been **EIGHT TIMES** as likely as vaccinated Chicagoans to die from COVID-19.

Notes: Includes cases among Chicago residents reported into the Illinois Electronic Disease Surveillance System (I-NEDSS) with date of death 2/28/2021-10/23/2021, pulled 10/27/2021. Vaccination status obtained from the Illinois Comprehensive Automated Immunization Registry (I-CARE) registry. Fully vaccinated defined as completion of vaccine series at least 14 days prior to a positive test (with no other positive tests in the previous 45 days). Rate for vaccinated calculated as total case deaths divided by cumulative vaccinated at the end of each week, multiplied by 100,000. Rate for unvaccinated calculated as total case deaths divided by total population minus cumulative vaccinated at the end of each week, multiplied by 100,000.
Percent of residents 12+ years-old with at least one dose of COVID-19 vaccine by community area

Citywide: 75.5%

Weekly milestones
- West Elsdon reached 80%
- Calumet Heights and Garfield Ridge reached 70%
- Fuller Park reached 60%
- Greater Grand Crossing reached 50%

Data reported to the Illinois Comprehensive Automated Immunization Registry (I-CARE) through 10/23/2021. 2% of people with a first dose had an address that was unable to be geocoded and do not appear on this map.
Percent of residents 12+ years-old with a completed COVID-19 vaccine series by community area

Citywide: 69.6%

Data reported to the Illinois Comprehensive Automated Immunization Registry (I-CARE) through 10/23/2021. 2% of people with a completed series had an address that was unable to be geocoded and do not appear on this map.
Percent INCREASE in residents 12+ years-old with at least one dose of COVID-19 vaccine last week

Last week, Washington Park had the biggest increase in first dose vaccine coverage!
Get vaccinated in time for the holidays!
Vaccination events happening this weekend
Additional details at chi.gov/covidvax

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<tr>
<th>Friday 11/5</th>
<th>Saturday 11/6</th>
<th>Sunday 11/7</th>
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<tr>
<td><strong>Youth Explosion</strong> 11am-3pm (Pullman)</td>
<td><strong>Fall Health Fair</strong> 10am-1pm (Logan Square)</td>
<td><strong>New Life Covenant South East</strong> 8:30am-3pm (Greater Grand Crossing)</td>
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<tr>
<td><strong>McDonalds</strong> 11am-3pm (Grand Boulevard)</td>
<td><strong>True Light Baptist Church</strong> 11am-4pm (Greater Grand Crossing)</td>
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<tr>
<td><strong>GAP Community Center Food Pantry</strong> 9am-1pm (Austin)</td>
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<td><strong>Swap-O-Rama</strong> 10am-2pm (Back of the Yards)</td>
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<tr>
<td><strong>Catalyst Circle Rock Charter School</strong> 10am-2pm (Austin)</td>
<td></td>
<td><strong>Buyer’s Flea Market</strong> 9am-4pm (Austin)</td>
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Need help finding a vaccination site? Search vaccines.gov, text your ZIP code to 438829, or call 1-800-232-0233 to find locations near you. You can also call the City’s COVID-19 helpline at 312-746-4835
Pediatric vaccine doses have already begun to arrive in Chicago with more being delivered this week and next.

There are opportunities all across the city to get you and your child vaccinated.

Visit [chi.gov/YouthVax](http://chi.gov/YouthVax) for more information.
Tips & Tricks to help you and your younger child get through the needle stick

• **Before:** Talk to your child about getting the vaccine and be honest
  • Your child may ask you a question you are not sure how to answer. It is OK to say you don’t know and can ask when you get there.
  • Try not to give them false ideas like “You won’t feel a thing.”
    • Don’t focus on pain. If the child asks if the vaccine will hurt, tell them the truth. You can say things like “some kids say they feel a small pinch and some pressure. You can let me know what you feel after it’s done.”

• **During:** Allow your child to make as many choices as possible
  • Do they want to watch or look away? Do they want the provider to count to 3?

• **After:** Show them praise and let them know what they did well
  • You can say things like “You did it. I know you were really nervous about that.”

• Tell them it is normal to have a sore arm or not feel well for a day or two afterwards
  • This means their body is making ways to protect itself.
  • Keep moving; exercise the arm. You can give over-the-counter medicine for pain (acetaminophen or ibuprofen) if your child can take those medications.

For more information, visit [chi.gov/covidvax](http://chi.gov/covidvax)
City of Chicago is awarding grants to small businesses and non-profits that were financially impacted by COVID-19

- Grants of $5,000 - $10,000 awards will be prioritized for applicants that have not received government financial assistance during the pandemic
- Applications close on Friday, November 12, 2021
- For more details and to apply: Chicago.gov/ChiBizStrongGrant