# Chicago COVID-19 Community Transmission and Risk Matrix

<table>
<thead>
<tr>
<th><strong>COVID-19 CASES DIAGNOSED PER DAY</strong></th>
<th><strong>VERY HIGH TRANSMISSION</strong></th>
<th><strong>HIGH TRANSMISSION</strong></th>
<th><strong>SUBSTANTIAL TRANSMISSION</strong></th>
<th><strong>LOWER TRANSMISSION</strong></th>
<th><strong>LOW TRANSMISSION</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Chicago residents - 7-day rolling daily average</td>
<td>800+</td>
<td>400 – 799</td>
<td>200 – 399</td>
<td>20 – 199</td>
<td>=20</td>
</tr>
<tr>
<td><strong>Current:</strong> 5,070 Decreasing</td>
<td>10%+</td>
<td>6.6 – 9.9%</td>
<td>5.0 – 6.5%</td>
<td>2 – 4.9%</td>
<td>=2%</td>
</tr>
<tr>
<td><strong>Current:</strong> 18.2% Decreasing</td>
<td>1250+</td>
<td>750 – 1249</td>
<td>250 – 749</td>
<td>100 – 249</td>
<td>=100</td>
</tr>
<tr>
<td><strong>Current:</strong> 1,585 Increasing</td>
<td><strong>ICU BEDS OCCUPIED BY COVID PATIENTS</strong></td>
<td><strong>VERY HIGH TRANSMISSION</strong></td>
<td><strong>HIGH TRANSMISSION</strong></td>
<td><strong>SUBSTANTIAL TRANSMISSION</strong></td>
<td><strong>LOWER TRANSMISSION</strong></td>
</tr>
<tr>
<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>=20</td>
</tr>
<tr>
<td><strong>Current:</strong> 312 Increasing</td>
<td><strong>HOSPITAL BEDS (NON-ICU) OCCUPIED BY COVID PATIENTS</strong></td>
<td><strong>VERY HIGH TRANSMISSION</strong></td>
<td><strong>HIGH TRANSMISSION</strong></td>
<td><strong>SUBSTANTIAL TRANSMISSION</strong></td>
<td><strong>LOWER TRANSMISSION</strong></td>
</tr>
<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>
</tr>
<tr>
<td><strong>Current:</strong> 1,585 Increasing</td>
<td><strong>COVID-19 TEST POSITIVITY</strong></td>
<td><strong>VERY HIGH TRANSMISSION</strong></td>
<td><strong>HIGH TRANSMISSION</strong></td>
<td><strong>SUBSTANTIAL TRANSMISSION</strong></td>
<td><strong>LOWER TRANSMISSION</strong></td>
</tr>
<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>=2%</td>
</tr>
</tbody>
</table>
| **Current:** 18.2% Decreasing | **Source:** Chicago Department of Public Health, data current as of January 13, 2022. These metrics represent general community COVID transmission and should not be applied to individual settings that have mitigation practices in place.
Chicago: COVID-19 case rate remains extremely high

Current average case rate: 5,070

Highest daily total 12/28: 7,871
Chicago: COVID-19 test positivity remains very high; possible sign of early decline but too early to call with potential delays in data reporting

Current positivity: 18.2%

Chi.gov/coviddash
Chicago: COVID-19 Hospitalizations

Current daily average: 196
Across system in Chicago today:
15% non-ICU capacity
10% ICU capacity

Chi.gov/coviddash
Chicago: Non-ICU Hospital Beds occupied by COVID-19 patients at highest census since the beginning of the pandemic

Current average: 1,585
15% non-ICU capacity available

Chi.gov/coviddash
Chicago: ICU Hospital Beds occupied by COVID-19 patients at highest census since December 2020

Current average: 312
10% ICU capacity available
Vaccinated Chicagoans are much less likely to experience severe illness, and an additional/booster dose clearly provides added protection.

Notes:
Includes cases among Chicago residents reported into the Illinois Electronic Disease Surveillance System (I-NEDSS) with date of specimen collection 10/17/2021-1/1/2022, pulled 1/8/2022.
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) without an additional or booster dose received. Boosted defined as fully vaccinated with an additional or booster dose of any COVID-19 vaccine received at least 14 days prior to positive test. 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. Data are graphed starting the week CDC expanded booster dose eligibility and recommendations.
Most children who are hospitalized with COVID-19 are unvaccinated

Notes:
Includes cases among Chicago residents reported into the Illinois Electronic Disease Surveillance System (I-NEDSS) with date of specimen collection 10/17/2021-1/1/2022, pulled 1/8/2022. 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) without an additional or booster dose received. Boosted defined as fully vaccinated with an additional or booster dose of any COVID-19 vaccine received at least 14 days prior to positive test. 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. Data are graphed starting the week CDC expanded booster dose eligibility and recommendations.
Chicago: COVID-19 Hospitalizations remain low overall among children 0–17 y/o, though child hospitalizations have increased, particularly among unvaccinated children.
United Kingdom: Starting to see decline in COVID-19 cases
**United Kingdom: Starting to see decline in COVID-19 cases and hospitalizations**

### Cases

**People tested positive**
- Latest data provided on 12 January 2022
- **Daily** 129,587
- **Last 7 days** 1,038,500 \(-243,088 (-19\%)\)

| Rate per 100,000 people: 1,736.8 |

### Healthcare

**Patients admitted**
- Latest data provided on 8 January 2022
- **Daily** 2,049
- **Last 7 days** 15,591 \(+766 (5.2\%)\)

[Coronavirus.data.gov.uk](https://Coronavirus.data.gov.uk)
Vaccination rates continue to increase in Chicago. 77% of eligible Chicagoans (5+) have received at least one dose of a COVID vaccine.
Chicago: Vaccination rates by age continue to increase and above national average in children and adolescents

At least one dose (% vaccinated as of 1/11/2022)

<table>
<thead>
<tr>
<th>Age</th>
<th>5-11</th>
<th>12-17</th>
<th>18-29</th>
<th>30-39</th>
<th>40-49</th>
<th>50-59</th>
<th>60-69</th>
<th>70-79</th>
<th>80+</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S.</td>
<td>39.2%</td>
<td>74.0%</td>
<td>74.7%</td>
<td>80.4%</td>
<td>86.3%</td>
<td>92.2%</td>
<td>87.1%</td>
<td>80.0%</td>
<td>70.6%</td>
</tr>
<tr>
<td>U.S.</td>
<td>63.5%</td>
<td>64.1%</td>
<td>72.5%</td>
<td>79.3%</td>
<td>85.8%</td>
<td>81.4%</td>
<td>74.4%</td>
<td>65.7%</td>
<td></td>
</tr>
</tbody>
</table>

Completed vaccine series (% vaccinated as of 1/11/2022)

<table>
<thead>
<tr>
<th>Age</th>
<th>5-11</th>
<th>12-17</th>
<th>18-29</th>
<th>30-39</th>
<th>40-49</th>
<th>50-59</th>
<th>60-69</th>
<th>70-79</th>
<th>80+</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S.</td>
<td>26.7%</td>
<td>63.5%</td>
<td>64.1%</td>
<td>72.5%</td>
<td>79.3%</td>
<td>85.8%</td>
<td>81.4%</td>
<td>74.4%</td>
<td>65.7%</td>
</tr>
<tr>
<td>U.S.</td>
<td>17.2%</td>
<td>54.0%</td>
<td>54.0%</td>
<td>54.0%</td>
<td>54.0%</td>
<td>54.0%</td>
<td>54.0%</td>
<td>54.0%</td>
<td>54.0%</td>
</tr>
</tbody>
</table>

Chi.gov/coviddash
Chicago: Vaccination rates by race/ethnicity

At least one dose (% vaccinated as of 1/11/2022)

- Asian Non-Latinx: 80.5%
- Black Non-Latinx: 56.9%
- Latinx: 69.3%
- White Non-Latinx: 73.5%

Completed vaccine series (% vaccinated as of 1/11/2022)

- Asian Non-Latinx: 73.4%
- Black Non-Latinx: 50.3%
- Latinx: 61.0%
- White Non-Latinx: 68.5%
Since Thanksgiving, we’ve seen increased first dose COVID-19 vaccine uptake among Black and Latinx Chicagoans

Chi.gov/coviddash
All aldermen picking up 20,000 KN95 masks each for ward distribution yesterday and today. Asked to prioritize high-need settings.

More than 100 community organizations picking up thousands of KN95 masks for distribution Wed-Fri.
We would like to say thank you and show our gratitude to @AldMattMartin @ChiPublicHealth & @ChicagoOEMC for delivering KN95 masks for our residents and community. We feel very fortunate, especially during this current surge and these uncertain times. #COVID19 #ProtectChicago

Saturday, January 15 1-3pm
49th Ward Office - 1447 W. Morse Ave
- First come, first served
- Wear a mask!
- 49th ward residents only
- Limit 2 per person or 10 per household

The city of Chicago is distributing 1.5 million KN95 masks to residents. Respect. 🧼 Mayor @LoriLightfoot

Chicago's 35th Ward Office
50th Ward Office

Chicago aldermanic offices are distributing free KN95 masks. 35th Ward residents can pick up free KN95 masks at our office (2934 N. Milwaukee, Unit C) from Monday-Friday, 9am-5pm. Limit 10 per individual.

Look up your ward to see where to pick up masks: chicago.gov/city/en/depts/...
What you need to know about KN95 mask

When used as mitigation measures in **community settings**, they may be reused for an extended period of time. In **clinical settings** (like hospitals), surgical and KN95 masks are intended for single use.

- **For any mask**, it is most important to make sure that it is well-fitted to your face.
- Always perform hand hygiene before putting on or taking off any mask or face covering.
- Do not attempt to wash your KN95. To keep it clean between uses, store it in a dry paper bag.
- Discard your mask if it is: soiled, damaged, becomes stretched out, no longer covers the nose and mouth, or cannot stay on your face or is hard to breathe through.
Good News on Vaccine:
Another round of CDPH Weekend Family Vaccination Clinics through late February
A positive test is positive, no matter what kind of test or where it is done!

No need to repeat tests.
• FINAL DEADLINE: You MUST enroll in health coverage by Saturday (1/15) at midnight to have coverage for the year.

• Enroll by visiting http://HealthCare.gov and http://CuidadoDeSalud.gov or calling 1-800-318-2596 to fill out an application.
Need a vaccine or a booster? Have questions?

visit **CHI.GOV/COVIDVAX**

or call **312-746-4835**

CDPH