Chicago COVID-19 Community Transmission and Risk Matrix

<table>
<thead>
<tr>
<th></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>COVID-19 CASES DIAGNOSED PER DAY</td>
<td>800+</td>
<td>400 – 799</td>
<td>200 – 399</td>
<td>20 – 199</td>
<td>=20</td>
</tr>
<tr>
<td></td>
<td><strong>Current:</strong> 2,903</td>
<td>Decreasing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COVID-19 TEST POSITIVITY</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></td>
<td><strong>Current:</strong> 12.6%</td>
<td>Decreasing</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>HOSPITAL BEDS (NON-ICU) OCCUPIED BY COVID PATIENTS</td>
<td>1250+</td>
<td>750 – 1249</td>
<td>250 – 749</td>
<td>100 – 249</td>
<td>=100</td>
</tr>
<tr>
<td></td>
<td><strong>Current:</strong> 1,495</td>
<td>Decreasing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ICU BEDS OCCUPIED BY COVID PATIENTS</td>
<td>400+</td>
<td>300 – 399</td>
<td>100 – 299</td>
<td>20 – 99</td>
<td>=20</td>
</tr>
<tr>
<td></td>
<td><strong>Current:</strong> 307</td>
<td>Stable</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

Source: Chicago Department of Public Health, data current as of January 18, 2022. These metrics represent general community COVID transmission and should not be applied to individual settings that have mitigation practices in place.
Chicago Emergency Department COVID diagnoses peaked December 27 and have been declining since, though numbers remain very high.
Chicago COVID-19 test positivity peaked January 1 and has been declining since, though numbers remain very high.

Peak positivity 1/1: 19.6%

Current positivity: 12.6%
Chicago COVID-19 cases peaked on January 4 and have been declining since, though numbers remain very high.

Current 7-day case average: 2,903

Peak daily total 1/4: 8,553
Chicago COVID-19 Hospitalizations (new hospitalizations each day) have begun to plateau, though numbers remain very high.

Current daily average: 196 hospitalizations

Across system in Chicago today:
- 18% non-ICU capacity
- 11% ICU capacity

Peak daily total 1/4: 246

Chi.gov/coviddash
Chicago Hospital Census (non-ICU Hospital Beds occupied by COVID-19 patients) has started to plateau but remains higher than in any previous month of the pandemic.

Current average: 1,495
18% non-ICU capacity available
Chicago: ICU Hospital Beds occupied by COVID-19 patients has started to plateau but remains at highest census since December 2020

Current average: 307
11% ICU capacity available
SARS-CoV-2 Variant Surveillance, Midwest Region

Omicron (99.3%)
Delta (0.7%)
Other (0.0%)

https://covid.cdc.gov/covid-data-tracker/#variant-proportions
What’s different with Omicron?
Dramatic increase in less severe and breakthrough cases; rising hospitalizations and deaths very in unvaccinated

Data Source: Illinois' National Electronic Disease Surveillance System (I-NEDSS). Data pulled 1/12/2022, based on 7 day rolling averages.
Unvaccinated Chicagoans are much more likely to be hospitalized (5 times more likely) with COVID than unvaccinated Chicagoans, and an additional/booster dose clearly provides added protection.

More than 99.8% of vaccinated Chicagoans have NOT been hospitalized with COVID.
Unvaccinated Chicago residents are much more likely to die (8 times more likely!) from COVID-19 than their vaccinated counterparts.

More than 99.98% of vaccinated Chicagoans have NOT died from COVID.
Chicago: COVID-19 Hospitalizations remain low overall among children 0-17 y/o. Child COVID hospitalizations have overwhelmingly been seen in unvaccinated children.
Hospitalization rates among children have subsided quickly after an increase at the end of 2021. Even in kids, most hospitalized were unvaccinated.
Recent increase in hospitalizations comparable to last winter’s surge for children age 5-11 years, and most hospitalizations among unvaccinated.
Chicago’s COVID-19 Travel Advisory: WHOLE COUNTRY

3rd consecutive week where all U.S. states and territories are on the travel advisory.
Average daily COVID-19 cases per 100,000 population

66 Million Cumulative Cases
850,750 Cumulative Deaths

Vaccinations

<table>
<thead>
<tr>
<th>Age Group</th>
<th>At Least One Dose</th>
<th>Fully Vaccinated</th>
</tr>
</thead>
<tbody>
<tr>
<td>All ages</td>
<td>75%</td>
<td>63%</td>
</tr>
<tr>
<td>12 and up</td>
<td>85%</td>
<td>72%</td>
</tr>
<tr>
<td>65 and up</td>
<td>95%</td>
<td>88%</td>
</tr>
</tbody>
</table>

National currently:
238 diagnosed daily cases per 100,000 people

Illinois currently:
233 diagnosed daily cases per 100,000 people

Chicago currently:
162 diagnosed daily cases per 100,000 people

Presented by the New York Times 1/18/2022; Sources: Local governments; The Center for Systems Science and Engineering at Johns Hopkins University
New York City: Like Chicago, past the peak but still very high

New reported cases by day
DAILY AVG. ON JAN. 17 24,906  14-DAY CHANGE −36%
Internationally: The United Kingdom is starting to see a decline in COVID-19 cases and patients admitted to the hospital.

Cases
People tested positive
Latest data provided on 18 January 2022
Daily
94,432
Last 7 days
673,987 ▼ -429,673 (-38.9%)
Rate per 100,000 people: 985.5

Healthcare
Patients admitted
Latest data provided on 14 January 2022
Daily
1,892
Last 7 days
15,217 ▼ -451 (-2.9%)
Nationally: Seeing signs of plateaus in COVID-19 in some of the hardest-hit areas (though not as clearly as in Chicago to date)
Regionally: IL case rate is on the decline, though many surrounding states continue to rise

Region 5: Seven day average of new cases per 100,000
Vaccination rates continue to increase in Chicago. 79% of eligible Chicagoans (5+) have received at least one dose of a COVID vaccine.

At least one dose (% vaccinated as of 1/17/2022)

- 5+: 78.5%
- 12+: 81.8%
- 18+: 82.4%
- 65+: 80.5%

Completed vaccine series (% vaccinated as of 1/17/2022)

- 5+: 70.0%
- 12+: 73.8%
- 18+: 74.7%
- 65+: 75.0%

Chi.gov/coviddash
Chicago: Vaccination rates by age continue to increase and above national average in children and adolescents

At least one dose (% vaccinated as of 1/17/2022)

- U.S. 5-11 y/o with one dose: 27%
- U.S. 12-17 y/o with one dose: 64.6%

Completed vaccine series (% vaccinated as of 1/17/2022)

- U.S. 5-11 y/o completed series: 17.9%
- U.S. 12-17 y/o completed series: 54.3%

Chi.gov/coviddash
Vaccine Events
THIS WEEKEND
Plenty of appointments available!
WHEN SHOULD I GET MY COVID-19 BOOSTER?

Anyone 12y+ should get boosted:

5 months | 2 months

After your initial Pfizer (12y+) or Moderna (18+)
series

After your initial J&J (18+) vaccination

CHICAGO
Chicagoans who received a booster dose of COVID-19 vaccine by age group (n=707,282)

Data as of 1/12/2022. The count of people who received a booster dose includes anyone who is fully vaccinated and has received another dose of COVID-19 vaccine since August 13, 2021. This includes people who received booster doses and people who received additional doses.
Percent of fully vaccinated population* that has received a booster dose

<table>
<thead>
<tr>
<th></th>
<th>United States</th>
<th>Chicago</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population ≥ 18 years</td>
<td>40.6%</td>
<td>44.8%</td>
</tr>
<tr>
<td>Population ≥ 50 years</td>
<td>52.3%</td>
<td>55.9%</td>
</tr>
<tr>
<td>Population ≥ 65 years</td>
<td>61.3%</td>
<td>64.5%</td>
</tr>
</tbody>
</table>

*Not all may be due to receive a booster dose

Data as of 1/12/2022. The count of people who received a booster dose includes anyone who is fully vaccinated and has received another dose of COVID-19 vaccine since August 13, 2021. This includes people who received booster doses and people who received additional doses.

Which mask is best?

To protect yourself and others from COVID-19, CDC continues to recommend that:

1. you wear **the most protective** mask you can,
2. that **fits well,**
3. and that you will **wear consistently.**
City of Chicago has distributed 1.5 million KN95 masks to Chicago residents through aldermanic offices and community groups. Here’s what you need to know about KN95 masks:

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.
Federal Administration to begin distribution of at-home, rapid COVID-19 tests to Americans for FREE

• Americans are now able to order a test online at COVIDTests.gov
• Limit 4 tests to each residential address
• Tests will usually ship within 7-12 days of ordering; partnering with USPS
• Additional programs coming for harder-hit communities
A positive test is a positive test.

If you test positive and have underlying conditions that put you at higher risk for hospitalization, please talk with your healthcare provider immediately to see if you are eligible for antivirals that are now available.

These antivirals are medications that can help keep you out of the hospital, but they need to be taken in the first few days of infection.
Need a vaccine or a booster? Have questions?

visit CHI.GOV/COVIDVAX

or call 312-746-4835
Total Reported Case Counts in SY21-22
Aug. 29, 2021 - Jan. 15, 2022

Total Cases 1/9-1/15
Students 2,134
Staff 1,353

Reported Adults  
Reported Students
Weekly Average of Individuals Quarantined/Isolated
Sept. 26, 2021 - Jan. 15, 2022

Currently Quarantined/Isolated

Students: 13,236
Staff: 1,117

Winter Break

# of Individuals Quarantined/Isolated

0 5000 10000 15000 20000
09/26 10/03 10/10 10/17 10/24 10/31 11/07 11/14 11/21 11/28 12/05 12/12 12/19 12/26 01/02 01/09

6430 6515 5383 3962 4127 4431 4950 6208 6053 5636 8654 9060 9589 12249
Key Strategies for COVID Mitigation on the Rise…
- Expand Testing Consents and Capacity
- Increase Number of Students Vaccinated
- Continue Investments in PPE and Mitigation Strategies

…While COVID Data Metrics are Stabilizing
- Cases
- Hospitalizations
- Deaths
Strategy #1: Expand Testing Consents and Capacity

Progress Made:
- Testing consents have doubled from 40,000 to 80,000 since December
- Testing program administered 17,000+ tests yesterday, 36,000+ tests during 3 days last week
- Screening testing offered to all staff week of Jan. 10 - Jan. 14

Next Steps:
- CPS/CTU partnership to increase student participation in testing and testing capacity
  - Paid opportunities for staff members, including school nurses, to administer tests
    - Training happening this week
  - Additional staffing from testing vendor to support testing
  - Paid opportunities for staff members to contact families to increase test consents
- Make consent process easier by partnering with schools, offering more languages
- For schools that were testing at a level below 10% of students in December 2021, CPS will make available sufficient testing resources to test at least 10% of consented students each week at each school.
Individuals Registered for Testing
Aug. 22, 2021 - Jan. 15, 2022

Students Registered for Testing
82,783

Winter Break
Number of Tests Administered
Aug. 29, 2021 - Jan. 15, 2022

Total Tests Administered: 420,557
Weekly Number of COVID Tests Completed vs. Positive Tests
Aug. 29, 2021 - Jan. 15, 2022

Test Positivity Rate
1/9-1/15
5.41%
Strategy #2: Increase Number of Students Vaccinated

Progress Made:
- Over 550 vaccine events by CPS since July, close to 20 per week on average
  - Over 12,000 patient interactions across all events
- Over 90% of staff vaccinated
- Majority of students aged 12 and up vaccinated
- One in three students aged 5-11 have had at least one dose

Next Steps:
- Paid opportunities for staff members to contact families for vaccination
- Increase engagement with students and families to drive up vaccination rates, including boosters among eligible students
- Dozens of CPS vaccine events every week
- Partnering with CDPH on vaccine events, including weekend events at City Colleges
CPS Staff & Student Vaccination Status

90.5% of CPS staff are fully vaccinated

53.1% of CPS students ages 12 and up have been fully vaccinated

32.8% of CPS students ages 5 - 11 have received at least one dose of the vaccine

<table>
<thead>
<tr>
<th>Category</th>
<th>Number of Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fully Vaccinated</td>
<td>111,653</td>
</tr>
<tr>
<td>At Least One Dose</td>
<td>146,524</td>
</tr>
</tbody>
</table>
Upcoming CPS Vaccination Opportunities: Wednesday, January 19, through Monday, January 24

<table>
<thead>
<tr>
<th>Regional Clinics</th>
<th>Mobile Vaccine Events</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Wednesday, January 19:</strong></td>
<td><strong>Monday, January 24:</strong></td>
</tr>
<tr>
<td>Roosevelt High School</td>
<td>Clinton Elementary 6110 N Fairfield Ave</td>
</tr>
<tr>
<td>3436 W Wilson Ave 9:00 a.m. - 1:00 p.m.</td>
<td>10:00 a.m. - 1:00 p.m.</td>
</tr>
<tr>
<td>Bradwell Elementary 7736 S Burnham Ave 10:00 a.m. - 1:00 p.m.</td>
<td>Ellington Elementary 243 N Parkside Ave 10:00 a.m. - 1:00 p.m.</td>
</tr>
<tr>
<td>Higgins Elementary 11710 S Morgan Ave 10:00 a.m. - 1:00 p.m.</td>
<td>Reinberg Elementary 3425 N Major Ave 10:00 a.m. - 1:00 p.m.</td>
</tr>
<tr>
<td>Morrill Elementary 6011 S Rockwell St 10:00 a.m. - 1:00 p.m.</td>
<td>Carnegie Elementary 1414 E 61st Pl 3:00 p.m. - 5:00 p.m.</td>
</tr>
<tr>
<td>Turner Drew Elementary 9300 S Princeton Ave 10:00 a.m. - 1:00 p.m.</td>
<td></td>
</tr>
<tr>
<td><strong>Thursday, January 20:</strong></td>
<td><strong>Sumner Elementary 4320 W 5th Ave</strong></td>
</tr>
<tr>
<td>Clark High School 5101 W Harrison St 9:00 a.m. - 1:00 p.m.</td>
<td>10:00 a.m. - 1:00 p.m.</td>
</tr>
<tr>
<td>Gray Elementary 3730 N Laramie Ave 10:00 a.m. - 1:00 p.m.</td>
<td>Nightingale Elementary 5250 S Rockwell St 10:00 a.m. - 1:00 p.m.</td>
</tr>
<tr>
<td>Kipling Elementary 9351 S Lowe Ave 10:00 a.m. - 1:00 p.m.</td>
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</tr>
<tr>
<td>Owens Elementary 12302 S State St 10:00 a.m. - 1:00 p.m.</td>
<td></td>
</tr>
<tr>
<td>Park Manor Elementary 7037 S Rhodes Ave 10:00 a.m. - 1:00 p.m.</td>
<td></td>
</tr>
<tr>
<td>Sumner Elementary 4320 W 5th Ave 10:00 a.m. - 1:00 p.m.</td>
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</tr>
</tbody>
</table>

**Additionally, CPS offers vaccination opportunities at 24 school-based health centers by appointment only.**

Visit schoolinfo.cps.edu/covidvaccinationsites for more information.
Strategy #3: Continue Investments in PPE and Mitigation Strategies

Progress Made:
- $100 million for:
  - Ventilation systems and air filters to check air quality in every classroom
  - Free high-quality masks
  - Enhanced cleaning of schools
  - Additional staffing (contact tracing, care rooms, etc.)

Next Steps:
- 1.2 million KN95 masks ordered and to be distributed by end of January
  - 4 million to be ordered and distributed by end of February
- Additional investments in air filtration
- School Safety Committees may vote to bring back Health Screener
- New metrics for transitioning entire school to remote learning
- New CPS Tactical Team in place to support individual schools dealing with surge
- Expanding paid opportunities for staff members to help with contact tracing
PROTECT CHICAGO

PROTEGE A CHICAGO