Ask Dr. Arwady

2/17/2022
# Chicago COVID-19 Community Transmission and Risk Matrix

<table>
<thead>
<tr>
<th>Metric</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><strong>COVID-19 Cases Diagnosed Per Day</strong></td>
<td>800+</td>
<td>400 - 799</td>
<td>200 - 399</td>
<td>20 - 199</td>
<td>&lt;=20</td>
</tr>
<tr>
<td>(Chicago residents - 7-day rolling daily average)</td>
<td></td>
<td></td>
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</tr>
<tr>
<td><strong>COVID-19 Test Positivity</strong></td>
<td>10%+</td>
<td>6.6 - 9.9%</td>
<td>5.0 - 6.5%</td>
<td>2 - 4.9%</td>
<td>&lt;=2%</td>
</tr>
<tr>
<td>(Chicago residents - 7-day rolling daily average)</td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Hospital Beds (Non-ICU) Occupied by COVID Patients</strong></td>
<td>1250+</td>
<td>750 - 1249</td>
<td>250 - 749</td>
<td>100 - 249</td>
<td>-100</td>
</tr>
<tr>
<td>(Chicago hospitals - 7-day rolling daily average)</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td><strong>ICU Beds Occupied by COVID Patients</strong></td>
<td>400+</td>
<td>300 - 399</td>
<td>100 - 299</td>
<td>20 - 99</td>
<td>&lt;=20</td>
</tr>
<tr>
<td>(Chicago hospitals - 7-day rolling daily average)</td>
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<td></td>
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</tr>
</tbody>
</table>

Current: [800+](#) Decreasing
Current: [10%+](#) Decreasing
Current: [1250+](#) Decreasing
Current: [400+](#) Decreasing

Source: Chicago Department of Public Health, data current as of February 17, 2022. These metrics represent general community COVID transmission and should not be applied to individual settings that have mitigation practices in place.
Breakthrough Data now available on our website

View by cases, hospitalizations or deaths

Weekly Rate of COVID-19 Hospitalizations by Vaccination Status

View by age group or City overall

LATEST DATA

- COVID Daily Dashboard
- Community Transmission and Risk
- Coronavirus At A Glance
- Vaccination Data At A Glance
- Chicago COVID-19 Breakthroughs
- Variants of SARS-CoV-2
- COVID-19 Wastewater Surveillance
- Hospital Capacity
- Reopening Metrics
- Doubling Time
- Data Portal
- Archived Data Reports
Good News: Vaccines Continue to Work Beautifully, Especially Against Severe COVID Outcomes

Chicago infection rates continue to decline.

- During Omicron surge in Chicago, age-adjusted COVID infection rates were three times greater in unvaccinated Chicagoans compared to vaccinated/boosted Chicagoans

Chicago hospitalization rates continue to decline.

- During Omicron surge in Chicago, age-adjusted COVID hospitalization rates were ten times greater in unvaccinated Chicagoans compared to vaccinated/boosted Chicagoans

Chicago death rates continue to decline.

- During Omicron surge in Chicago, age-adjusted COVID death rates were thirty times greater in unvaccinated Chicagoans compared to vaccinated/boosted Chicagoans
Chicago Citywide COVID Vaccination Rate Continues to Increase

76% of ALL Chicagoans (all ages) have at least one dose (68% fully vaxxed)

81% of *eligible* Chicagoans age 5+ have at least one dose (73% fully vaxxed)

At least one dose (cumulative % vaccinated) as of 2/15/2022

<table>
<thead>
<tr>
<th>Subgroup</th>
<th>Population</th>
<th>% vaccinated</th>
<th>Increase from prior week</th>
<th>Cumulative total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citywide</td>
<td>2,683,959</td>
<td>76.2%</td>
<td>0.4%</td>
<td>2,052,898</td>
</tr>
<tr>
<td>5+</td>
<td>2,531,162</td>
<td>81.1%</td>
<td>0.4%</td>
<td>2,052,859</td>
</tr>
<tr>
<td>12+</td>
<td>2,319,394</td>
<td>84.0%</td>
<td>0.4%</td>
<td>1,948,429</td>
</tr>
<tr>
<td>18+</td>
<td>2,138,535</td>
<td>84.4%</td>
<td>0.3%</td>
<td>1,864,498</td>
</tr>
<tr>
<td>65+</td>
<td>382,629</td>
<td>81.1%</td>
<td>0.1%</td>
<td>294,181</td>
</tr>
</tbody>
</table>

Chi.gov/coviddash
Citywide Vaccination Rate by Age
Approaching 50% of 5-11 year-olds and 80% of 12-17 year-olds in Chicago who have received their first dose of COVID vaccine

At least one dose (% vaccinated as of 2/15/2022)

U.S. 5-11 y/o: 31.8%
U.S. 12-17 y/o: 66.9%

Completed vaccine series (% vaccinated as of 2/15/2022)

U.S. 5-11 y/o: 24%
U.S. 12-17 y/o: 56.8%

Chi.gov/coviddash
Citywide Vaccination Rate by Race/Ethnicity

60% of Black non-Latinx Chicagoans have now had a first dose of COVID vaccine (54% fully vaxxed)

At least one dose (% vaccinated as of 2/15/2022)

- Asian Non-Latinx: 83.4%
- Black Non-Latinx: 60.3%
- Latinx: 74.5%
- White Non-Latinx: 74.6%

Completed vaccine series (% vaccinated as of 2/15/2022)

- Asian Non-Latinx: 76.4%
- Black Non-Latinx: 53.8%
- Latinx: 65.5%
- White Non-Latinx: 70.3%

Chi.gov/coviddash
CPS Good News: As expected, in line with City of Chicago data, COVID-19 cases in CPS school buildings continue to decline—though they remain above pre-Omicron levels.

Last week represented a 60% decrease compared to just 2 weeks ago.

Cases include individuals who were in a CPS building during their potentially infectious period. Cases include those that are self-reported and are assigned to the date they were reported. Data from school year 2021-22 are included. Data from CPS public dashboard 2/15/22.
CPS Good News: Number of screening tests continues to increase and screening test positivity continues to decrease.

<table>
<thead>
<tr>
<th>Week start</th>
<th>Tests completed</th>
<th>Percent positivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dec 19</td>
<td>379</td>
<td>19.00%</td>
</tr>
<tr>
<td>Dec 26</td>
<td>36035</td>
<td>9.30%</td>
</tr>
<tr>
<td>Jan 2</td>
<td>26650</td>
<td>5.50%</td>
</tr>
<tr>
<td>Jan 9</td>
<td>36290</td>
<td>2.50%</td>
</tr>
<tr>
<td>Jan 16</td>
<td>53711</td>
<td>1.10%</td>
</tr>
<tr>
<td>Jan 23</td>
<td>55506</td>
<td>0.69%</td>
</tr>
<tr>
<td>Jan 30</td>
<td>51379</td>
<td>0.45%</td>
</tr>
<tr>
<td>Feb 6</td>
<td>64439</td>
<td>0.00%</td>
</tr>
</tbody>
</table>
CPS again reported a record number of screening tests last week; test positivity is lower than it has been since early November.

<table>
<thead>
<tr>
<th>Tested (n)</th>
<th>Positive (n)</th>
<th>% positive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall (Aug 29-Feb 14)</td>
<td>618,033</td>
<td>11,180</td>
</tr>
<tr>
<td>Last week (Feb 6-12)</td>
<td>64,439</td>
<td>286</td>
</tr>
</tbody>
</table>

School screening test positivity comparison (last 7 days)
- Los Angeles: 1.3%
- New York City: 0.35%

## Upcoming CPS Vaccination Opportunities:
Tuesday, February 15 through Thursday, February 17

***TO RESERVE YOUR VACCINE DOSE, MAKE AN APPOINTMENT AT CPS.EDU/VACCINATIONS***

<table>
<thead>
<tr>
<th>Regional Clinics</th>
<th>Mobile Vaccine Events</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Tuesday, February 15:</strong></td>
<td></td>
</tr>
</tbody>
</table>
| Chicago Vocational High School  
2100 E 87th St  
9:00 a.m. - 1:00 p.m. | Alcott Elementary  
2625 N ORCHARD ST  
10:00 a.m. - 1:00 p.m.  
De Diego Elementary  
1313 N CLAREMONT AVE  
10:00 a.m. - 1:00 p.m.  
Lozano Elementary  
1501 N GREENVIEW AVE  
10:00 a.m. - 1:00 p.m.  
McCauliffe Elementary  
1941 N SPRINGFIELD AVE  
10:00 a.m. - 1:00 p.m.  |
| Ogden Elementary - Jenner Campus  
1119 N CLEVELAND AVE  
10:00 a.m. - 1:00 p.m. | Pickard Elementary  
2301 W 21ST PL  
10:00 a.m. - 1:00 p.m.  
Jensen Elementary  
3030 W HARRISON ST  
3:00 p.m. - 5:00 p.m. |
| **Wednesday, February 16:** | |
| Roosevelt High School  
3436 W WILSON AVE  
9:00 a.m. - 1:00 p.m. | Addams Elementary  
10810 S AVENUE H  
10:00 a.m. - 1:00 p.m.  
Dawes Elementary  
3810 W 61ST PL  
10:00 a.m. - 1:00 p.m.  
Doolittle Elementary  
535 E 35TH ST  
10:00 a.m. - 1:00 p.m.  
Mann Elementary  
8050 S CHAPPEL AVE  
10:00 a.m. - 1:00 p.m.  |
| Metcalfe Elementary  
12339 S NORMAL AVE  
10:00 a.m. - 1:00 p.m. | Mount Vernon Elementary  
10540 S MORGAN ST  
10:00 a.m. - 1:00 p.m.  
Pershing Elementary  
3200 S CALUMET AVE  
10:00 a.m. - 1:00 p.m.  
The Fenger High School  
11220 S WALLACE ST  
3:00 p.m. - 5:00 p.m. |
| **Thursday, February 17:** | |
| Clark High School  
5101 W HARRISON ST  
9:00 a.m. - 1:00 p.m. | Ashe Elementary  
8505 S INGLESIDE AVE  
10:00 a.m. - 1:00 p.m.  
Darwin Elementary  
3116 W BELDEN AVE  
10:00 a.m. - 1:00 p.m.  
Hendricks Elementary  
4316 S PRINCETON AVE  
10:00 a.m. - 1:00 p.m.  
King Elementary  
644 W 71ST ST  
10:00 a.m. - 1:00 p.m.  |
| Hughes Elementary  
240 W 104TH ST  
10:00 a.m. - 1:00 p.m.  | Mireles Elementary  
9000 S EXCHANGE AVE  
10:00 a.m. - 1:00 p.m.  
Ninos Heroes Elementary  
8344 S COMMERCIAL AVE  
10:00 a.m. - 1:00 p.m.  | Sherwood Elementary  
245 W 57TH ST  
10:00 a.m. - 1:00 p.m. |

Additionally, CPS offers vaccination opportunities at 24 school-based health centers by appointment only. Visit schoolinfo.cps.edu/covidvaccinationsites for more information.
ALL individuals 65+ are eligible for these treatments

These treatments are provided by the federal government at no-cost

These treatments are available regardless of an individual’s vaccination status

These treatments are available now in Chicago

If you test positive for COVID-19, talk with your healthcare provider immediately
Plenty of appointments available for Family Vaccine Clinics this weekend

<table>
<thead>
<tr>
<th>Location</th>
<th>Schedule</th>
</tr>
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<tbody>
<tr>
<td><strong>SATURDAY</strong></td>
<td></td>
</tr>
<tr>
<td>RICHARD J. DALEY COLLEGE</td>
<td>Saturdays, 9am-2pm</td>
</tr>
<tr>
<td>7500 S Pulaski Rd</td>
<td>Jan. 22 &amp; Feb.12</td>
</tr>
<tr>
<td>WILBUR WRIGHT COLLEGE</td>
<td>Sundays, 9am-2pm</td>
</tr>
<tr>
<td>4300 N Narragansett Ave</td>
<td>Jan. 23 &amp; Feb.13</td>
</tr>
<tr>
<td>KENNEDY-KING COLLEGE</td>
<td>Saturdays, 9am-2pm</td>
</tr>
<tr>
<td>6301 S Halsted St</td>
<td>Jan. 29 &amp; Feb.19</td>
</tr>
<tr>
<td>OLIVE-HARVEY COLLEGE</td>
<td>Sundays, 9am-2pm</td>
</tr>
<tr>
<td>10001 S Woodlawn Ave</td>
<td>Jan. 30 &amp; Feb.20</td>
</tr>
<tr>
<td>TRUMAN COLLEGE</td>
<td>Saturdays, 9am-2pm</td>
</tr>
<tr>
<td>1145 W. Wilson Ave</td>
<td>Feb. 5 &amp; Feb.26</td>
</tr>
<tr>
<td>MALCOLM X COLLEGE</td>
<td>Sundays, 9am-2pm</td>
</tr>
<tr>
<td>1900 W Jackson Blvd</td>
<td>Feb. 6 &amp; Feb.27</td>
</tr>
</tbody>
</table>

**REGISTER:** rebrand.ly/YouthVax
(312) 746-4835
Need a vaccine or a booster? Have questions?

visit CHI.GOV/COVIDVAX

or call 312-746-4835

CDPH
We’re making great progress, but COVID is not over! At current case rates in Chicago/Cook County, there is still an estimated:

45% (1 in 2) chance that at least one COVID-19-positive individual will be present at a 50-person gathering/event.

69% chance at a 100-person event.

>99% chance at a 500-person event.

https://covid19risk.biosci.gatech.edu/  Using default ascertainment bias of 4. For 50-person event, ascertainment bias of 3-5 ranges from 36-52% chance, calculated as of 2/15.