Chicago’s COVID-19 Travel Advisory: WHOLE COUNTRY

2nd consecutive week where all U.S. states and territories are on the travel advisory.
Average daily COVID-19 cases per 100,000 population

57,745,899 Million Cumulative Cases
830,509 Cumulative Deaths

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

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

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

Presented by the New York Times 01/10/2022; Sources: Local governments; The Center for Systems Science and Engineering at Johns Hopkins University;
Chicago COVID-19 Community Transmission and Risk Matrix

<table>
<thead>
<tr>
<th>COVID-19 CASES DIAGNOSED PER DAY</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>Current: 4,793</td>
<td>800+</td>
<td>400 - 799</td>
<td>200 - 399</td>
<td>20 - 199</td>
<td>=20</td>
</tr>
<tr>
<td>Decreasing</td>
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<tr>
<td>COVID-19 TEST POSITIVITY</td>
<td>Current: 18.9%</td>
<td>6.6 - 9.9%</td>
<td>5.0 - 6.5%</td>
<td>2 - 4.9%</td>
<td>=2%</td>
</tr>
<tr>
<td>Decreasing</td>
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</tr>
<tr>
<td>HOSPITAL BEDS (NON-ICU) OCCUPIED BY COVID PATIENTS</td>
<td>Current: 1,562</td>
<td>750 - 1249</td>
<td>250 - 749</td>
<td>100 - 249</td>
<td>=100</td>
</tr>
<tr>
<td>Increasing</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>ICU BEDS OCCUPIED BY COVID PATIENTS</td>
<td>Current: 312</td>
<td>300 - 399</td>
<td>100 - 299</td>
<td>20 - 99</td>
<td>=20</td>
</tr>
<tr>
<td>Increasing</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

Source: Chicago Department of Public Health, data current as of January 10, 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: 4,793

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: 18.9%
Across system in Chicago today:
18% non-ICU capacity
10% ICU capacity
Chicago: Non-ICU Hospital Beds occupied by COVID-19 patients at **highest** census since the beginning of the pandemic

Current average: 1,562
18% 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
Chicago: Ventilators occupied by COVID-19 patients

Current average: 167
64% ventilator capacity
Chicago: COVID-19 Hospitalizations remain low overall among children 0-17 y/o, though child hospitalizations have increased, particularly among unvaccinated children.
What’s Different With Omicron?
National COVID data: Dramatic increase in less severe cases; rising hospitalizations in unvaccinated.
Chicago COVID-19 DAILY Cases, Hospitalizations, and Deaths

Full pandemic, 7-day rolling average (note different scales)

Data Source: Illinois' National Electronic Disease Surveillance System (I-NEDSS). Data through 1/3/2022, pulled 1/10/2022
Chicago cases and hospitalizations are at the highest levels seen since the beginning of the pandemic, though deaths remain below 2020 peaks.

**Percent of last winter’s peak**

- Cases: 223%
- Hospitalizations: 146%
- Deaths: 54%

Data Source: Illinois' National Electronic Disease Surveillance System (I-NEDSS). Data pulled 1/10/2022
So, what should we do to protect ourselves and community from COVID and its variants?

- VAX UP
- MASK UP
- BACK UP
- WASH UP
- TEST UP

[BOOST UP]
Vaccinated Chicagoans are much less likely to experience severe illness, and an additional/booster dose clearly provides added protection.
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.
The large majority of hospitalized young adults during the latest surge were unvaccinated.
Risk of hospitalization increases with age, though risk among working-age adults who received a booster dose is near zero.

Notes:
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Risk of infection is much higher in unvaccinated older residents (age 65+ years) compared to their vaccinated counterparts.

Notes:
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Vaccination rates continue to increase in Chicago.

77% of eligible Chicagoans (5+) have received at least one dose of a COVID vaccine.

At least one dose (% vaccinated as of 1/9/2022)

- 5+: 77.5%
- 12+: 81.1%
- 18+: 81.7%
- 65+: 80.3%

Completed vaccine series (% vaccinated as of 1/9/2022)

- 5+: 69.4%
- 12+: 73.3%
- 18+: 74.2%
- 65+: 74.8%
Chicago: Vaccination rates by age continue to increase and above national average in children and adolescents

<table>
<thead>
<tr>
<th>Age Group</th>
<th>At least one dose (as of 1/9/2022)</th>
<th>Completed vaccine series (as of 1/9/2022)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-11</td>
<td>73.5%</td>
<td>63.3%</td>
</tr>
<tr>
<td>12-17</td>
<td>74.4%</td>
<td>64.0%</td>
</tr>
<tr>
<td>18-29</td>
<td>80.1%</td>
<td>72.3%</td>
</tr>
<tr>
<td>30-39</td>
<td>86.1%</td>
<td>79.2%</td>
</tr>
<tr>
<td>40-49</td>
<td>92.0%</td>
<td>85.7%</td>
</tr>
<tr>
<td>50-59</td>
<td>87.0%</td>
<td>81.3%</td>
</tr>
<tr>
<td>60-69</td>
<td>79.9%</td>
<td>74.3%</td>
</tr>
<tr>
<td>70-79</td>
<td>70.5%</td>
<td>65.6%</td>
</tr>
<tr>
<td>80+</td>
<td>38.3%</td>
<td>26.0%</td>
</tr>
</tbody>
</table>

U.S. 5-11 y/o with one dose: **24.6%**
U.S. 12-17 y/o with one dose: **63.6%**

U.S. 5-11 y/o completed series: **15.6%**
U.S. 12-17 y/o completed series: **53.6%**
COVID-19 vaccine coverage among all Chicago youth vs. CPS students

- Coverage among CPS students lower than citywide youth coverage, especially among teens
- Differences in names and birth dates between I-CARE and CPS enrollment files may lead to missing matches and underestimate coverage among CPS students

% with at least one dose of COVID-19 vaccine

<table>
<thead>
<tr>
<th>Age Group</th>
<th>U.S. 12-17 y/o with one dose</th>
<th>U.S. 5-11 y/o with one dose</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-17 yrs</td>
<td>72.4%</td>
<td>35.8%</td>
</tr>
<tr>
<td>5-11 yrs</td>
<td>57.2%</td>
<td>32.3%</td>
</tr>
</tbody>
</table>

Data as of 1/04/2022. Vaccination records in I-CARE were matched to CPS student rosters using first name, last name, and date of birth. Vaccination records may not match to the correct student if names and dates of birth between the two systems do not match or the student’s vaccination history is not documented in I-CARE. False matches due to identical names and dates of birth are possible. I-CARE does not contain doses of vaccine given outside of Illinois or by federal agencies (e.g., Veterans Health Administration).
Some good news on KN95 mask distribution

- Identified total of **1.9m** KN95 masks, appropriate for non-medical (community) settings
- One-time distribution only
- **200k** went to CPS
- Each aldermen offered **20k**
- The remainder will go directly to CBOs
  - Offered to Healthy Chicago Equity Zone leads and community orgs, RERRT, Protect Chicago Plus partners.
  - More than 100 organizations had expressed interest in distribution, will be Wed-Fri.
- Plan is to distribute them all this week. Again, ONE TIME distribution. Big operation, storage constraints, etc.
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.
Some good news on testing

• Testing resources
  • Continue to grow capacity across city while prioritizing highest-risk settings (e.g. long-term care, shelters, clinical settings)
    • Where test results influence immediate public health actions
    • Where highest-risk people can be quickly linked to antiviral treatment and care
    • Where testing capacity can offload pressure on emergency departments
    • Where people with fewer links to health care and fewer resources can access

• Rapid Tests
  • Federal supply of free rapid tests has started specifically for Federally Qualified Health Centers in Chicago; federal partners close to distributing free rapid tests to general public

Testing Sites CDPH funding additional community-based testing sites
CDPH is working to further expand community-based testing in this surge through several methods. We are focused on settings that are scalable during surges.

Priorities are 1) **decompressing Emergency Departments**, where people are still going to seek testing
2) Testing in areas where hospitalizations are the highest, **while supporting linking people testing positive to care** to **reduce risk of hospitalization**.

> Work has begun on sites in **Medical District** and **Daley College** - expected timeline ~2 wks.
CDPH already works with SHIELD. We are linking additional sites with existing partnerships to Uof I SHIELD program to expand their operations to be open to the community and working to expand others.

The first of these (Federal Courthouse) is due to open to the public TOMORROW January 12th, 2022.
Chi.gov/covidtest remains the best place to get Chicago-specific information on testing. You can also call 312-746-5438 for information.
Good News on Vaccine: Another round of CDPH Weekend Family Vaccination Clinics through late February

- CDPH to do “second lap” of family clinics at City Colleges due to popularity and continued demand

<table>
<thead>
<tr>
<th>Week</th>
<th>DOW</th>
<th>Date</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Saturday</td>
<td>22-Jan</td>
<td>Daley College</td>
</tr>
<tr>
<td></td>
<td>Sunday</td>
<td>23-Jan</td>
<td>Wright College</td>
</tr>
<tr>
<td>2</td>
<td>Saturday</td>
<td>29-Jan</td>
<td>Kennedy-King College</td>
</tr>
<tr>
<td></td>
<td>Sunday</td>
<td>30-Jan</td>
<td>Olive-Harvey College</td>
</tr>
<tr>
<td>3</td>
<td>Saturday</td>
<td>5-Feb</td>
<td>Truman College</td>
</tr>
<tr>
<td></td>
<td>Sunday</td>
<td>6-Feb</td>
<td>Malcolm X College</td>
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<tr>
<td>4</td>
<td>Saturday</td>
<td>12-Feb</td>
<td>Daley College</td>
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GET VAXXED AT HOME & GET UP TO $100*

• Anyone age 5+ can get a vaccine at home
• Pfizer (5-11 and 12+) or J&J (18+)
• Up to 10 people can get vaccinated at the same time
• Booster doses available
• Appointments: Monday-Sunday, 8:00 am to 6:30 pm

One $50 gift card for each Pfizer dose, two $50 gift cards for single J&J dose. Booster doses do not qualify.

To schedule your appointment:
CALL 312.746.4835
OR VISIT chicago.gov/athome
A positive test is positive, no matter what kind of test or where it is done!

No need to repeat tests.
Need a vaccine or a booster? Have questions?

visit CHI.GOV/COVIDVAX

or call 312-746-4835