Ask Dr. Arwady

June 7, 2022
IN THE NEWS

CSCC
Community Safety Coordination Center

chi.gov/cscce

WALK 1.5 MILES WITH US
THE DISTANCE A BULLET CAN TRAVEL

A bullet can travel up to 1.5 miles; join us on one of three 1.5-mile walkways across the South, West, and North sides of the city. As you walk, listen along to a 37-minute audio companion telling the stories of those most affected in the wake of gun violence.
IN THE NEWS

Chicago.gov/RippleEffect

GUN VIOLENCE AWARENESS MONTH
REALIZE THE RIPPLE EFFECT
IN THE NEWS

HOME & BUSINESS PROTECTION PROGRAM

CHICAGO

If you reside, operate a business, or own/lease a vehicle in the city of Chicago, you can get reimbursed:

- Up to $225 per camera for a maximum of 2 cameras
- Up to $150 per one year of subscription costs for cloud-based video storage systems
- Up to $100 per light for a maximum of 2 lights
- Up to $50 per vehicle GPS tracking device for a maximum of 2 devices
- Up to $120 per one year of subscription costs for GPS tracking applications

For more information and to apply for a rebate, VISIT CHI.GOV/HBPP

To get reimbursed, you must provide:
- Proof of address
- Proof of purchase
- Photo of installed device

Only security devices purchased on or after June 6, 2022 are eligible for reimbursement.

Registration with CPD is encouraged, but NOT required for reimbursement.

The City of Chicago is working with community partners and will distribute security devices at no cost in select communities. Find schedule of distribution events at chi.gov/HBPP
IN THE NEWS

Feature Video on Chicago’s CARE Team on “Inside Chicago”

https://twitter.com/chicagosmayor/status/1530549778190409729?s=20&t=-TMteWAk-Tbh_OMpU43ogw
IN THE NEWS

MONKEYPOX HEALTH ADVISORY

WHAT YOU SHOULD KNOW ABOUT MONKEYPOX:

- **Monopox is spread through close contact**, such as touching someone’s rash and sores, sharing bedding or towels, or respiratory droplets (kissing, coughing, sneezing).

- **Common symptoms**: Rash or unusual sores on face, body, and genitals, fever, chills, head or muscle aches, or swelling of lymph nodes.

- **Avoid close contact** (touching sores, kissing, sex) with anyone who has a rash or symptoms of monkeypox.

If you or a close contact (from last 21 days) have been exposed or have symptoms you should see a healthcare provider (remind them monkeypox is circulating), cover rash/sores, wear a mask, and avoid close contact with others. If you don't feel well or have an unusual rash or sores, take a break from sex and going out to bars, gyms, clubs, and other events.

Images from: https://www.cdc.gov/poxvirus/monkeypox/clinicians/clinical-recognition.html

FOR MORE INFO, VISIT CHI.GOV/MONKEYPOX
Outside panel of experts advising the FDA meets to discuss it on June 15

If the FDA grants emergency authorization to one or both vaccines (Moderna and/or Pfizer), a CDC expert panel will convene soon after to make recommendations about how they should be used

If approved quickly, doses could ship as soon as the three-day weekend including Juneteenth and could be available as soon as Tuesday, June 21

Chicago is surveying pediatric providers right now to enroll settings that want to receive vaccine for their patients. These are SEPARATE formulations/even smaller doses for the youngest children so new vaccine needs to be shipped.

We have already done extensive training for providers, but we are also funding the Illinois Chapter of the American Academy of Pediatrics to host provider webinars on June 9th & 15th to prep Chicago providers for roll-out. We expect most of these youngest children to be vaccinated through their pediatrician.

We have approximately 169,000 children under the age of 5 in Chicago.
  * Based on our population, we expect that Chicago would receive approximately 15,500 doses of Pfizer and/or 15,500 doses of Moderna in the first week alone, and additional doses each week after that depending on initial uptake.

Figure 1

One In Five Parents Of Children Under 5 Want To Vaccinate Their Child For COVID-19 Right Away When Authorized, But Four In Ten Want To Wait And See

Thinking about your child between the ages of...have they received at least one dose of a COVID-19 vaccine, or not? If not, do you think you will get them vaccinated...?

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Child is vaccinated</th>
<th>Right away</th>
<th>Wait and see</th>
<th>Only if required</th>
<th>Definitely not</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ages 12-17</td>
<td>56%</td>
<td></td>
<td></td>
<td>31%</td>
<td></td>
</tr>
<tr>
<td>Ages 5-11</td>
<td>39%</td>
<td>13%</td>
<td>12%</td>
<td>32%</td>
<td></td>
</tr>
<tr>
<td>Under 5</td>
<td>18%</td>
<td>38%</td>
<td></td>
<td>11%</td>
<td>27%</td>
</tr>
</tbody>
</table>

NOTE: Asked of parents or guardians of children under 18. For parents of children under 5, question was worded "Thinking about your child under the age of 5, once there is a COVID-19 vaccine authorized and available for your child’s age group, do you think you will...?" See topline for full question wording.

SOURCE: KFF COVID-19 Vaccine Monitor (April 13-26, 2022) • PNG
Switching to COVID...
Average daily COVID-19 cases per 100,000 population

84.8 Million Cumulative Cases
1 Million Cumulative Deaths

Presented by the New York Times 06/07/2022; Sources: Local governments; The Center for Systems Science and Engineering at Johns Hopkins University

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

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

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

Vaccinations

<table>
<thead>
<tr>
<th>Age</th>
<th>At least one dose</th>
<th>Fully vaccinated</th>
</tr>
</thead>
<tbody>
<tr>
<td>All ages</td>
<td>78%</td>
<td>67%</td>
</tr>
<tr>
<td>5 and up</td>
<td>83%</td>
<td>71%</td>
</tr>
<tr>
<td>65 and up</td>
<td>95%</td>
<td>91%</td>
</tr>
</tbody>
</table>
This week, 30% of U.S. Counties report High or Medium COVID Community Level.
### Chicago’s COVID-19 Risk Level is HIGH

<table>
<thead>
<tr>
<th>Metrics</th>
<th>Chicago</th>
<th>Cook County (including City of Chicago)</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Cases (Per 100,00 people in last 7 days)</td>
<td><strong>237</strong></td>
<td><strong>270</strong></td>
</tr>
<tr>
<td>[GOAL is &lt;200]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>New COVID-19 admissions per 100,000 population (7-day total)</td>
<td><strong>7.7</strong></td>
<td><strong>11</strong></td>
</tr>
<tr>
<td>[GOAL is &lt;10]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Proportion of staffed inpatient beds occupied by COVID-19 patients (7-day average)</td>
<td><strong>4.2%</strong></td>
<td><strong>3.8%</strong></td>
</tr>
<tr>
<td>[GOAL is &lt;10%]</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Chicago metrics are calculated based on Chicago-level data (data as of 6/7/2022).
Cook County metrics are calculated by the CDC and posted on the CDC Community Levels website (data as of 6/2/2022).
CDC Community Level for Cook County and associated Health Service Area (HSA) remains at **HIGH** this week; early signs of new hospital admissions leveling off

See [CDC Data Tracker](https://www.cdc.gov/coronavirus/2019-ncov/community/data-tracker.html) for more details
COVID-19 COMMUNITY LEVELS UPDATES
6/3/2022

According to the CDC’s weekly COVID-19 Community Level advisory, over 30 percent (997) of the 3,220 counties within the U.S. and Puerto Rico have COVID-19 levels that are “medium” to “high.”

All travelers should check the CDC map so they know whether the areas they are traveling to are low, medium, or high risk for COVID-19.

For Medium Risk
We recommend wearing a mask in indoor public places.

For High Risk
Wear a mask in indoor public places.

Travelers 5y+ who aren’t up to date with their COVID vaccines should avoid travel. If they do travel to an orange county, upon return they should

- Stay home and quarantine for 5 days after travel
- Take a COVID test 3-5 days after return – if it is positive, stay home and follow CDC guidance
Variant Surveillance, Midwest Region: Continued evolution of more infectious Omicron subvariants

It's ALL OMICRON

BA.2 (49%)
BA.2.12.1 (46%)
BA.5 (2.6%)
BA.4 (2.1%)

Collection date, week ending

https://covid.cdc.gov/covid-data-tracker/#circulatingVariants
It’s ALL OMICRON

- BA.2.12 (53%)
- BA.2 (42.2%)
- BA.5 (2.4%)
- BA.4 (2.1%)

https://covid.cdc.gov/covid-data-tracker/#circulatingVariants
Variant Emergence in Chicago

Variant Proportion

Week since >1% Prevalence

Delta
BA.1
BA.2
BA.2.12.1
BA.4/5

0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Chicago: Starting to see slight decrease in COVID-19 cases

Many first-time and mild (even asymptomatic) COVID infections right now; relatively few hospitalizations or deaths.

**Current Daily Average:** 915
**Prior Week:** 1,078

Chi.gov/coviddash
10.1% of last week’s reported Chicago cases were reinfections (second or third COVID case)
Booster status affects susceptibility of reinfection

<table>
<thead>
<tr>
<th>Vaccination status</th>
<th>First case</th>
<th>Second case</th>
<th>Third case</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fully vaccinated and boosted</td>
<td>3,181 (90.6%)</td>
<td>324 (9.2%)</td>
<td>5 (0.1%)</td>
</tr>
<tr>
<td>Fully vaccinated, not eligible for booster</td>
<td>284 (85.3%)</td>
<td>49 (14.7%)</td>
<td>0 (0%)</td>
</tr>
<tr>
<td>Fully vaccinated, not boosted and eligible for booster</td>
<td>1,404 (87.5%)</td>
<td>189 (11.8%)</td>
<td>11 (0.7%)</td>
</tr>
<tr>
<td>Not fully vaccinated</td>
<td>2,309 (91.0%)</td>
<td>219 (8.6%)</td>
<td>9 (0.4%)</td>
</tr>
<tr>
<td>Total</td>
<td>7,178 (89.9%)</td>
<td>781 (9.8%)</td>
<td>25 (0.3%)</td>
</tr>
</tbody>
</table>
Omicron better evades infection-related immunity and increases the percent of reported cases that are reinfections (Chicago data)
Regionally: Illinois, Wisconsin, and Michigan have all seen a slight decrease in reported cases since week 19 or 20 of 2022, like Chicago.

Reported cases continue to rise in Indiana and Iowa (less community testing; more testing in ED/hospital)
Nearby counties also peaked in Week 19 or 20 of 2022
Good news: Chicago COVID-19 hospitalizations have risen slightly since early April, but remain near historic lows for pandemic overall.

All-time peak was January 4, 2022: 301 Chicagoans newly hospitalized with COVID in one day.

Current average: 29 Chicagoans newly hospitalized with COVID each day.

Chi.gov/coviddash
Forecasting Next Five Weeks of COVID Hospital Admissions in Illinois

![Graph showing forecasting of COVID hospital admissions in Illinois over the next five weeks.](image-url)
Great news: Since March, fewer Chicagoans dying with COVID-19 than at any point in the pandemic. Today, we are averaging fewer than 5 Chicagoans dying from COVID-19 per week.
### Additional COVID-19 Indicators for Chicago (sample; CDPH tracks internally)

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Thresholds</th>
<th>Chicago Current Values</th>
</tr>
</thead>
</table>
| 7-day average percent of Emergency Department encounters with a COVID-19 diagnosis | Low Concern: <3.0%  
Medium Concern: 3.0-5.9%  
High Concern: ≥6.0% | 2.2%                     |
| Number of wastewater sampling sites (out of 11 sites) with a 10-day rolling average at least double the rolling average from two weeks ago | 0-1  
2-3  
≥4 | 3                        |
| SARS-CoV-2 variant risk assessment *See additional slides* | Risk assessed as low:  
Risk assessed as medium:  
Risk assessed as high: | Medium                  |
| Chicago in skilled nursing facilities (SNFs)                              | Number of new outbreaks in SNFs in past 7 days:  
Percent of 79 SNFs with ongoing outbreaks in past 7 days [excludes new outbreaks]:  
Median number of cases per active SNF outbreak | 4  
62%  
7           |

*Note: Data as of 5/18-5/24/2022*
WHEN SHOULD I GET MY FIRST BOOSTER DOSE?

- Anyone 5y+ should get boosted:
  - 5 months after your initial Pfizer (12+) or Moderna (18+) series
  - 2 months after your initial J&J (18+) vaccination

WHEN SHOULD I GET MY SECOND BOOSTER DOSE?

- The following groups should get a second mRNA booster 4 months after their first booster dose:
  - Any adult 50+
  - Individuals 12+ who are moderately or severely immunocompromised
While 76% of Chicagoans age 12 and up have completed their primary COVID-19 vaccine series, just 42% have also had the recommended vaccine booster—despite recommendations that everyone age 12 and over receive a booster five months after completing the primary vaccine series.

Data current as of June 5, 2022

Chicago Vaccination by Race/Ethnicity

Data current as of June 5, 2022

REMEMBER: IF YOU CATCH COVID-19

Regardless of vaccination status, stay home for 5 days. If your symptoms are resolving or gone by Day 5, you can leave your house but you must continue to mask while around others for Days 6-10.

DAY 1-5
STAY AT HOME

DAY 5
ISOLATION ENDS
(IF NO/RESOLVING SYMPTOMS)

DAY 6-10
MASK IN PUBLIC SPACES

FIND YOUR VACCINE AT chicago.gov/covidvax
How to get your FREE at-home COVID-19 tests

1. VISIT COVIDtests.gov
2. Enter contact and shipping info
3. Review and place your order

Or you can call 1-800-232-0233

3rd round of free at home COVID tests available!
Need a vaccine or a booster? Have questions?

visit CHI.GOV/COVIDVAX

or call 312-746-4835