COVID-19 Update

October 18, 2022
Our local risk based on CDC COVID-19 Community Levels is: **Low**

<table>
<thead>
<tr>
<th></th>
<th>New cases per 100,000 population (last 7 days) [Goal is &lt;200]</th>
<th>New admissions per 100,000 population (last 7 days) [Goal is &lt;10]</th>
<th>Percent of staffed inpatient beds occupied by COVID-19 patients (last 7 days) [Goal is &lt;10%]</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>City of Chicago</strong></td>
<td>77</td>
<td>5.9</td>
<td>3.5%</td>
</tr>
<tr>
<td><strong>Cook County</strong> (including City of Chicago)</td>
<td>91</td>
<td>7.9</td>
<td>3.1%</td>
</tr>
</tbody>
</table>

*Chicago metrics are calculated based on Chicago-level data.*  
*Cook County metrics are calculated by the CDC and posted on the CDC Community Levels website.*  
*Data current as of 10/6/2022.*

In last week’s CDC update, 2% of U.S. Counties reported High COVID Community Level and 18% reported Medium Level.

ALL of Illinois now Low or Medium

*CDC updates this map on Thursday evenings.

https://covid.cdc.gov/covid-data-tracker/#county-view?list_select_state=all_states&list_select_county=all_counties&data-type=
Continued evolution of more infectious Omicron subvariants

It’s STILL ALL OMICRON
However, watching a few subvariants closely.

- **BA.2.75.2** (1.3%)
- **BA.2.75** (1.7%)
- **BA.4** (0.5%)
- **BQ.1** (5.2%)
- **BF.7** (5.8%)
- **BQ.1.1** (3.6%)
- **BA.4.6** (9.9%)
- **BA.5** (72.0%)

Collection date, week ending

https://covid.cdc.gov/covid-data-tracker/#circulatingVariants
UPDATED COVID-19 VACCINES

These new “bivalent boosters” are targeted specifically toward the Omicron sub variants.
THE NEW BIVALENT COVID-19 BOOSTER DOSE FOR KIDS AGED 5–11 IS HERE!

Keep your family safe and stay up-to-date on your vaccinations.
Last week, CDC expanded its recommendation for updated (fall 2022) COVID-19 boosters to include children ages 5 through 11 years.

- More than 12.7 BILLION COVID-19 vaccine doses have now been given around the world, saving countless lives.
- Excellent safety and efficacy profile.
- Both Pfizer and Moderna fall 2022 pediatric boosters use lower, “kid-size” doses than the versions available for adults and older children—most common side effect “none”

- Booster eligibility expanded to children ages 5 through 11 years who have already completed the COVID-19 primary vaccine series

- CDPH-operated and -supported clinics started administering the pediatric vaccine booster this week!
  - Pharmacies and doctors' offices have also begun pediatric booster vaccinations.
93,685
Chicago children aged 5-11 are due* for an updated booster

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>Count</th>
<th>(%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Latinx</td>
<td>35,690</td>
<td>38.1</td>
</tr>
<tr>
<td>Black, non-Latinx</td>
<td>17,924</td>
<td>19.1</td>
</tr>
<tr>
<td>White, non-Latinx</td>
<td>26,150</td>
<td>27.9</td>
</tr>
<tr>
<td>Asian, non-Latinx</td>
<td>6,688</td>
<td>7.1</td>
</tr>
<tr>
<td>AIAN, non-Latinx</td>
<td>351</td>
<td>0.4</td>
</tr>
<tr>
<td>NHPI, non-Latinx</td>
<td>124</td>
<td>0.1</td>
</tr>
<tr>
<td>Other, non-Latinx</td>
<td>4,177</td>
<td>4.5</td>
</tr>
<tr>
<td>Unknown</td>
<td>2,581</td>
<td>2.8</td>
</tr>
</tbody>
</table>

*2 months since completion of a primary series or monovalent booster dose, whichever is latest

AIAN = American Indian Alaskan Native
NHPI = Native Hawaiian Pacific Islander
Of Chicagoans 5+, 75% (or 1.9 million) are eligible for an updated COVID vaccine – bivalent booster.

Over 197,000 doses of the updated boosters have been administered to Chicagoans since authorization.

7-Day Rolling Average: 5,630 doses

Data reported to I-CARE as of 10/12/2022.
Demographics of Chicagoans who received an updated COVID-19 vaccine (N= 197,335)

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Count</th>
<th>(%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-17 yrs</td>
<td>5518</td>
<td>3%</td>
</tr>
<tr>
<td>18-29 yrs</td>
<td>21428</td>
<td>11%</td>
</tr>
<tr>
<td>30-39 yrs</td>
<td>39507</td>
<td>20%</td>
</tr>
<tr>
<td>40-49 yrs</td>
<td>29376</td>
<td>15%</td>
</tr>
<tr>
<td>50-59 yrs</td>
<td>27034</td>
<td>14%</td>
</tr>
<tr>
<td>60-69 yrs</td>
<td>34094</td>
<td>17%</td>
</tr>
<tr>
<td>70-79 yrs</td>
<td>27806</td>
<td>14%</td>
</tr>
<tr>
<td>80+ yrs</td>
<td>12544</td>
<td>6%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Race-ethnicity</th>
<th>Count</th>
<th>(%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Latinx</td>
<td>26496</td>
<td>13%</td>
</tr>
<tr>
<td>Black, non-Latinx</td>
<td>31763</td>
<td>16%</td>
</tr>
<tr>
<td>White, non-Latinx</td>
<td>114734</td>
<td>58%</td>
</tr>
<tr>
<td>Asian, non-Latinx</td>
<td>15965</td>
<td>8%</td>
</tr>
<tr>
<td>AIAN, non-Latinx</td>
<td>1019</td>
<td>1%</td>
</tr>
<tr>
<td>NHPI, non-Latinx</td>
<td>442</td>
<td>0%</td>
</tr>
<tr>
<td>Other, non-Latinx</td>
<td>3032</td>
<td>2%</td>
</tr>
<tr>
<td>Unknown</td>
<td>3856</td>
<td>2%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sex</th>
<th>Count</th>
<th>(%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female</td>
<td>108183</td>
<td>55%</td>
</tr>
<tr>
<td>Male</td>
<td>88487</td>
<td>45%</td>
</tr>
<tr>
<td>Unknown</td>
<td>637</td>
<td>0%</td>
</tr>
</tbody>
</table>

Data reported to I-CARE as of 10/12/2022.

AIAN = American Indian Alaskan Native
NHPI = Native Hawaiian Pacific Islander
Uptake of the updated vaccine has been uneven across demographic groups; highest uptake among seniors

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>No. of Chicagoans eligible for updated vaccine (est.)*</th>
<th>No. of eligible who received updated vaccine</th>
<th>Percent eligible who have received updated vaccine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Latinx</td>
<td>475,430</td>
<td>26,496</td>
<td>5.6%</td>
</tr>
<tr>
<td>Black, non-Latinx</td>
<td>407,910</td>
<td>31,763</td>
<td>7.8%</td>
</tr>
<tr>
<td>White, non-Latinx</td>
<td>612,319</td>
<td>114,734</td>
<td>18.7%</td>
</tr>
<tr>
<td>Asian, non-Latinx</td>
<td>134,854</td>
<td>15,965</td>
<td>11.8%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Age Group</th>
<th>No. of eligible</th>
<th>No. of eligible who received</th>
<th>Percent eligible who have received</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-17 yrs</td>
<td>124,524</td>
<td>5,518</td>
<td>4.4%</td>
</tr>
<tr>
<td>18-29 yrs</td>
<td>354,555</td>
<td>21,428</td>
<td>6.0%</td>
</tr>
<tr>
<td>30-39 yrs</td>
<td>352,893</td>
<td>39,507</td>
<td>11.2%</td>
</tr>
<tr>
<td>40-49 yrs</td>
<td>275,096</td>
<td>29,376</td>
<td>10.7%</td>
</tr>
<tr>
<td>50-59 yrs</td>
<td>251,921</td>
<td>27,034</td>
<td>10.7%</td>
</tr>
<tr>
<td>60-69 yrs</td>
<td>211,959</td>
<td>34,094</td>
<td>16.1%</td>
</tr>
<tr>
<td>70-79 yrs</td>
<td>123,973</td>
<td>27,806</td>
<td>22.4%</td>
</tr>
<tr>
<td>80+ yrs</td>
<td>64,350</td>
<td>12,544</td>
<td>19.5%</td>
</tr>
</tbody>
</table>

Data reported to I-CARE through 10/12/2022. Number eligible includes Chicagoans aged 12 years or older who completed a primary series or received a monovalent booster dose at least 2 months prior to October 8, 2022.
Since the Omicron variant became dominant in Chicago:

Infection rates have been 1.8X (80%) higher in unvaccinated Chicagoans compared to boosted Chicagoans.

*Rates are adjusted for age

Includes cases among Chicago residents reported into the Illinois Electronic Disease Surveillance System (I-NEDSS) with date of specimen collection 3/28/2021-9/17/2022, pulled 10/4/2022. Vaccination status obtained from the Illinois Comprehensive Automated Immunization Registry (I-CARE) registry.
Since the Omicron variant became dominant in Chicago:
Hospitalization rates have been **2.7X (270%)** higher in unvaccinated Chicagoans compared to **boosted** Chicagoans.

*Rates are adjusted for age

Sources:
Includes cases among Chicago residents reported into the Illinois Electronic Disease Surveillance System (I-NEDSS) with date of specimen collection 3/28/2021-9/10/2022, pulled 10/4/2022. Vaccination status obtained from the Illinois Comprehensive Automated Immunization Registry (I-CARE) registry.
Since the Omicron variant became dominant in Chicago:
Mortality rates have been 5.8X (580%) higher in unvaccinated Chicagoans compared to boosted Chicagoans

*Rates are adjusted for age

Vaccination status obtained from the Illinois Comprehensive Automated Immunization Registry (I-CARE) registry.
Saturday, October 22 • 9am-2pm

Richard J. Daley College • 7500 S. Pulaski Rd.
Register at: rebrand.ly/DaleyCollege

Wilbur Wright College • 4300 N. Narragansett Ave.
Register at: rebrand.ly/WrightCollege

COVID bivalent booster will be available!

Types of vaccines: Flu, COVID-19 primary series from Pfizer and Moderna starting 6 months+, and Pfizer bivalent boosters from 12 years+

WALK-INS WELCOME!
Plenty of opportunities available

• City Colleges of Chicago – Weekend Clinics
  • 10/22: Richard J. Daley College and Wilbur Wright College
  • 10/29: Kennedy King College

• Additional sites partnering with aldermanic and community organizations across the city, including senior, congregate, faith-based and higher-need settings

• Chicago.gov/VaxCalendar for the most up to date details and additional events
Flu/Covid Adherence Vaccine Clinics - Event Calendar

Walk-In Immunization Clinics

Cox Park immunization clinics are also open for Flu and Covid-19 vaccines to all Chicago residents eligible for the vaccine, including youth and adults, regardless of insurance status.

Allocations are available for all Chicago residents 6 months and older.

Appointments are encouraged but not required. To make an appointment, go to getvaccineschicago.gov.

Greater Lawn Immunization Clinic

Address: 1350 W. 63rd St.
Phone: 312.746.1477
Schedule:
- Monday - Friday, 8:00 am - 2:00 pm
- Closed: weekends

Appointments: Walk-in welcome, but registration is highly encouraged. Create an account and register for an appointment at https://getvaccineschicago.gov or by calling 312.746.1477. If assistance is needed, email getvaccines@chicago.gov.

Uptown WIC Clinic

Address: 345 W. Wilson Ave., Chicago, IL 60641
Phone: 312.746.8227
Schedule:
- Monday, Wed., 8:00 am - 2:00 pm
- Tuesday, Thursday, 8:00 am - 6:00 pm

Appointments: Walk-in welcome, but registration is highly encouraged. Create an account and register for an appointment at https://getvaccineschicago.gov or by calling 312.746.1477. If assistance is needed, email getvaccines@chicago.gov.
Need a vaccine or a booster? Have questions?

visit

[CHI.GOV/COVIDVAX]

or call

312-746-4835
Advancing Environmental Health

Megan Cunningham, Managing Deputy Commissioner
October 18, 2022
Citywide plan to **close Chicago’s racial life expectancy gap** by addressing the root causes of health, including the environment.
WHAT WE DO

1. Permit facilities/activities with potential environmental impacts.

2. Conduct inspections and issue citations to enforce regulations.

3. Support collection of hazardous waste and cleanup of contaminated sites.

4. Develop policies to protect human health and the environment.

5. Analyze data to drive innovation in environmental health.
WHO WE ARE

52 positions on the Environmental Permitting & Inspections team
PERMITTING: FACILITY TYPES

- Underground Storage Tanks
- Solid Waste Facilities
- Industrial Facilities

CDPH reviews 1,000+ permits each year
PERMITTING: AUTHORITIES

- **PLANNING/ZONING**
  - Land use

- **BUILDINGS**
  - Construction, renovation, demolition

- **TRANSPORTATION**
  - Traffic

- **APPLICANT**

- **U.S./IEPA**
  - Emission standards

- **PUBLIC HEALTH**
  - Dust, odors, noise, etc.
• **Routine monitoring** and inspections of permitted facilities to enforce environmental laws

• Response to **community complaints** from the 3-1-1 system, such as:
  o Construction/demolition issues
  o Air pollution, odor and dust
  o Spills or dumping in waterways
  o Industrial equipment noise

**CDPH conducts 7-8,000 inspections each year**
HAZARDOUS MATERIALS & WASTE

- Household Chemical & Computer Recycling Facility (1150 N. North Branch St.)
- Hazardous waste response
- Remediation of polluted sites
DATA & INNOVATION

[Image of a map with various data points and a slide from Microsoft about Project Eclipse, which is a hyperlocal environmental sensing platform for cities.]

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ENVIRONMENTAL JUSTICE (EJ) COMMITMENT

- Expand opportunities for public engagement; listen to community voice and lived experiences.

- Advance health equity in all policies with City departments.

- Coordinate with Illinois and U.S. Environmental Protection Agencies on strengthened policies and targeted enforcement efforts.

- Use innovative data and assessments to improve our understanding of how our local environment affects health.
CHICAGO RECOVERY PLAN: EJ INVESTMENTS

With American Rescue Plan (ARP) and bond funding, CDPH is investing **$30 million** in new environmental justice initiatives, such as:

- Cumulative impact assessment
- Expanded local air monitoring network
- Environmental justice community partnership grants
- Remediation of polluted sites in overburdened communities
ways for YOU to get involved

• Visit Bit.ly/CDPHCommunityInformation and sign up for updates about environmental news in your community.

• Be our extra eyes and ears – report environmental issues to 3-1-1.

• Attend community meetings and submit written comments on regulations and permit applications.
Q&A

Megan Cunningham, Managing Deputy Commissioner, CDPH