COVID-19 case rates per 100,000 population

Presented by the New York Times 8/12/2021; Sources: Local governments; The Center for Systems Science and Engineering at Johns Hopkins University

National currently: 42 diagnosed daily cases per 100,000 people

Chicago currently: 16 COVID-19 diagnosed daily cases per 100,000 people

36 Million Cases
618,701 Deaths

71.3% Adults Vaccinated (at least one dose)
Diagnosed case rates also affected by testing rates; if people avoid testing until they are ill enough to need medical care, we see very high percent positivity (as in much of the Southeast)

Test Percent Positivity (Average last 7 days)

National currently: 9.7%

Chicago currently: 4.6%
COVID-19 hospitalized patients per 100,000 population

National currently: 26 hospitalized COVID-19 patients per 100,000 people (but highly concentrated in hardest hit areas; nearly all unvaccinated)

Chicago currently: 9 hospitalized COVID-19 patients per 100,000 people (and nearly all unvaccinated)
Individual hospital example from area with high COVID hospitalizations: Houston, TX

83 Hospitalized
9 Vaccinated
74 Unvaccinated

24 in the ICU
24 Unvaccinated

10 on Ventilators
10 Unvaccinated

Total number of COVID patients at Houston Medical Center and Perry Hospital

COVID Hospitalizations
August 10, 2021
Recent Chicago COVID Cases by Age

Daily case rates* by Age

- Citywide
- 0-17
- 18-29
- 30-39
- 40-49
- 50-59
- 60-69
- 70-79
- 80+

Chi.gov/coviddash
New daily COVID hospitalizations, Chicago residents, full pandemic

**Breakthroughs:** 99.99% of vaccinated Chicagoans have **not** been hospitalized.

Current average 27 hospitalizations/day
COVID-19 hospital admissions, Chicago residents, by age group, June 1-present

COVID-19 Hospital admits, on Admission Date, by Age Group, rolling 7-day average, from 6/1/2021
COVID-19 hospital pediatric (0-17y) admissions, Chicago residents, full pandemic
Weekly Hospitalization Rate per 100,000 by Vaccination Status

Notes:
Includes cases among Chicago residents reported into the Illinois Electronic Disease Surveillance System (I-NEDSS) with date of specimen collection 1/1/2021-8/7/2021, pulled 8/11/2021. Vaccination status obtained from the Illinois Comprehensive Automated Immunization Registry (I-CARE) registry; Vaccinated defined as having had at least one dose prior to a positive test. Rate for vaccinated calculated as total hospitalized cases divided by cumulative vaccinated at the end of each week, multiplied by 100,000. Rate for unvaccinated calculated as total hospitalized cases divided by total population minus cumulative vaccinated at the end of each week, multiplied by 100,000.
Weekly Hospitalization Rate per 100,000 by Race/Ethnicity

**Unvaccinated**

**Vaccinated**
(at least one dose)

**Fully Vaccinated**
(breakthrough)

**Notes:**
Includes cases among Chicago residents reported into the Illinois Electronic Disease Surveillance System (I-NEDSS) with date of specimen collection 1/1/2021-8/7/2021, pulled 8/11/2021. Vaccination status obtained from the Illinois Comprehensive Automated Immunization Registry (I-CARE) registry. Vaccinated defined as having had at least one dose prior to a positive test. Rate for vaccinated calculated as total hospitalized cases divided by cumulative vaccinated at the end of each week, multiplied by 100,000. Rate for unvaccinated calculated as total hospitalized cases divided by total population minus cumulative vaccinated at the end of each week, multiplied by 100,000.
Weekly Hospitalization Rate per 100,000 by Age Category

Notes:
Includes cases among Chicago residents reported into the Illinois Electronic Disease Surveillance System (I-NEDSS) with date of specimen collection 1/1/2021-8/7/2021, pulled 8/11/2021.
Vaccination status obtained from the Illinois Comprehensive Automated Immunization Registry (I-CARE) registry; Vaccinated defined as having had at least one dose prior to a positive test.
Rate for vaccinated calculated as total hospitalized cases divided by cumulative vaccinated at the end of each week, multiplied by 100,000. Rate for unvaccinated calculated as total hospitalized cases divided by total population minus cumulative vaccinated at the end of each week, multiplied by 100,000.
New daily COVID deaths, Chicago residents, full pandemic

Breakthroughs: 99.998% of vaccinated Chicagoans have not died of COVID.

Current average 2-3 deaths/day
Weekly Death Rate per 100,000 by Vaccination Status

Notes:
Includes cases among Chicago residents reported into the Illinois Electronic Disease Surveillance System (I-NEDSS) with date of specimen collection 1/1/2021-8/7/2021, pulled 8/11/2021.
Vaccination status obtained from the Illinois Comprehensive Automated Immunization Registry (I-CARE) registry; Vaccinated defined as having had at least one dose prior to a positive test.
Rate for vaccinated calculated as total cases known to have died divided by cumulative vaccinated at the end of each week, multiplied by 100,000. Rate for unvaccinated calculated as total cases known to have died divided by total population minus cumulative vaccinated at the end of each week, multiplied by 100,000.
## Chicago: Weekly COVID Death Rate per 100,000 by Age Category

### Notes:
- Includes cases among Chicago residents reported into the Illinois Electronic Disease Surveillance System (I-NEDSS) with date of specimen collection 1/1/2021-8/7/2021, pulled 8/11/2021.
- Vaccination status obtained from the Illinois Comprehensive Automated Immunization Registry (I-CARE) registry. Vaccinated defined as having had at least one dose prior to a positive test.
- Rate for vaccinated calculated as total cases known to have died divided by cumulative vaccinated at the end of each week, multiplied by 100,000. Rate for unvaccinated calculated as total cases known to have died divided by total population minus cumulative vaccinated at the end of each week, multiplied by 100,000.

### Unvaccinated

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### Vaccinated (at least one dose)

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### Fully Vaccinated (breakthrough)

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### Highest death rate among unvaccinated 60y+ Chicagoans