



City of Chicago
Lori E. Lightfoot, Mayor

Health Alert



Chicago Department of Public Health
Allison Arwady MD MPH, Commissioner

www.chicagohan.org

Chicago COVID-19 Hot Spot Report

July 28, 2021

Summary and Action Items

- COVID-19 test positivity and case incidence are increasing in Chicago.
- Chicago is averaging 176 new cases of COVID-19 per day, and test positivity is at 2.8%
- Vaccines provide good coverage against COVID-19 illness, including the Delta variant. Continue to advise vaccination for everyone age 12 and older to protect against COVID-19 and its variants.
- The CDC issued updated guidance for fully vaccinated individuals on 7/27/21 – see text for details.

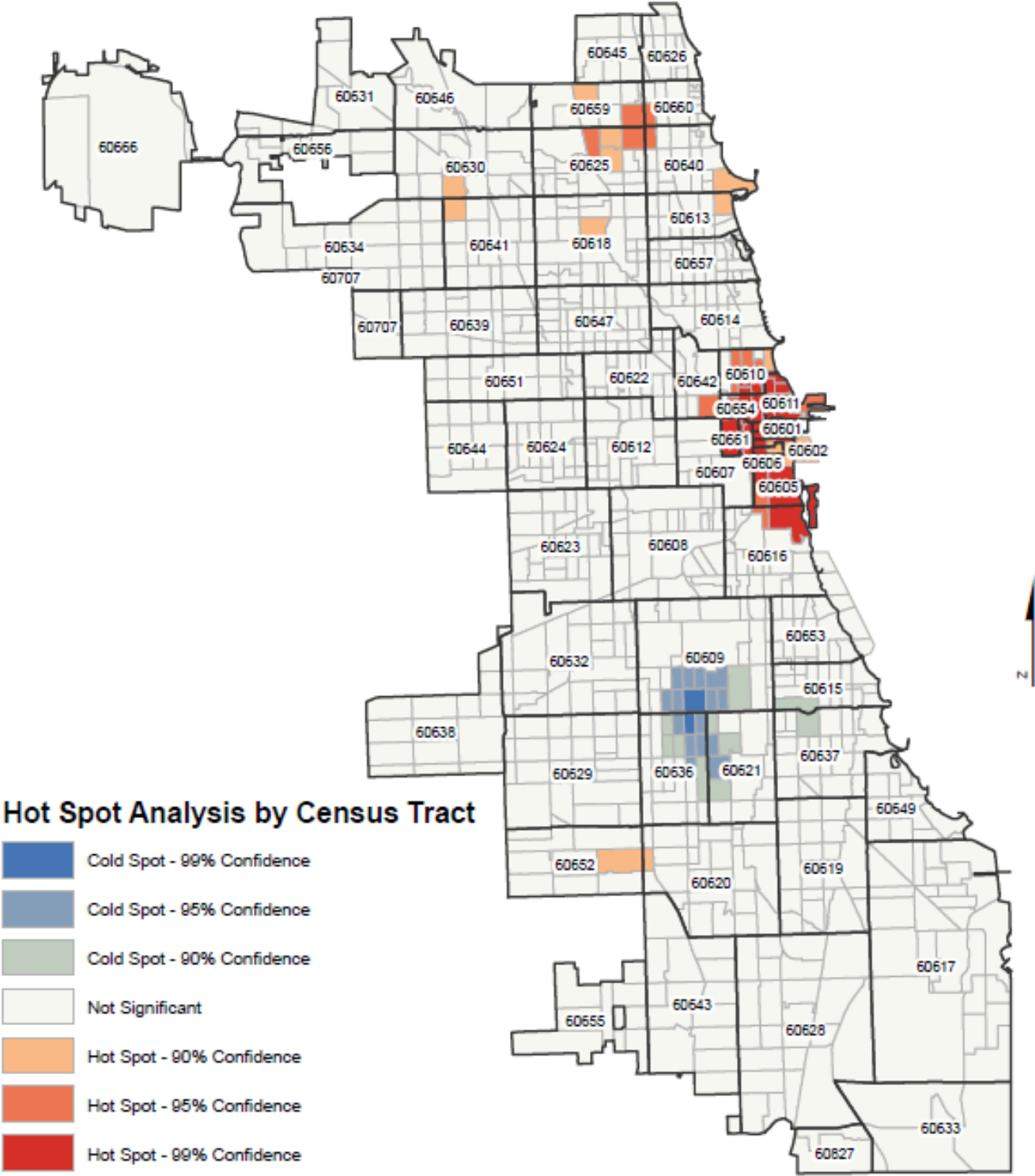
Chicago COVID-19 Trends: as of 7/28/21

- 7-day rolling average for COVID-19 test positivity in Chicago is 2.8%. This is an **increase** from the prior week's 7-day average of 1.5%.
- 7-day rolling average for daily COVID-19 cases in Chicago is 176. This is an **increase** from the prior week's 7-day average of 104 daily cases.
- 7-day rolling average for deaths related to COVID-19 is 0.57 deaths per day. This is **stable** from the prior week's 7-day average of 0.86 deaths per day.
- All [CDC-defined variants of concern](#) have been detected in Chicago, and are likely causing the majority of COVID-19 cases. Find the IDPH page on COVID-19 variants of concern [here](#).
- Visit the [Chicago COVID Dashboard](#) for detailed data on COVID-19 cases and vaccination.

Updates from CDC on 7/27/21:

- CDC Director Dr. Walensky issued a media advisory on 7/27/21 regarding the Delta variant and new guidance for fully vaccinated individuals. Transcript can be found [here](#).
- Data show that the Delta variant is different than past versions of the virus and is more contagious. Some vaccinated people can get Delta as a breakthrough infection and may be contagious. Even so, vaccinated individuals represent a very small amount of transmission occurring around the country.
- **CDC now recommends that everyone (including fully vaccinated individuals) in areas with [substantial and high transmission](#) wear a mask in public indoor settings to help prevent spread of Delta variant and protect others.** Chicago is currently in the “moderate” range of transmission but may move to “substantial” if cases continue to rise. Fully vaccinated people might choose to mask regardless of the level of transmission, particularly if they or someone in their household is immunocompromised or at increased risk for severe disease, or if someone in their household is unvaccinated.
- **CDC recommends universal indoor masking for all teachers, staff, students, and visitors to K-12 schools, regardless of vaccination status.** Children should return to full-time in-person learning in the Fall with layered prevention strategies in place.
- **CDC now recommends that fully vaccinated individuals should get tested 3-5 days following a known exposure to someone with suspected or confirmed COVID-19 and wear a mask in public indoor settings for 14 days after exposure or until a negative test result.**
- Updated guidance for fully vaccinated individuals can be found [here](#).
- CDPH is reviewing updated CDC guidance and will update recommendations for Chicago.

COVID-19 cases - hot spot analysis by Census tract



Hot Spot Analysis by Census Tract

- Cold Spot - 99% Confidence
- Cold Spot - 95% Confidence
- Cold Spot - 90% Confidence
- Not Significant
- Hot Spot - 90% Confidence
- Hot Spot - 95% Confidence
- Hot Spot - 99% Confidence

Cases reported 7/4 - 7/17
(n= 1180) *54 no address

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