



## **Cook County COVID-19 Vaccination Plan**

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# Current Situation

As of December 11, 2020:

**151,761**

Confirmed Cases



**2,849**

Deaths\*



**494**

Weekly Case Rate per  
100,000

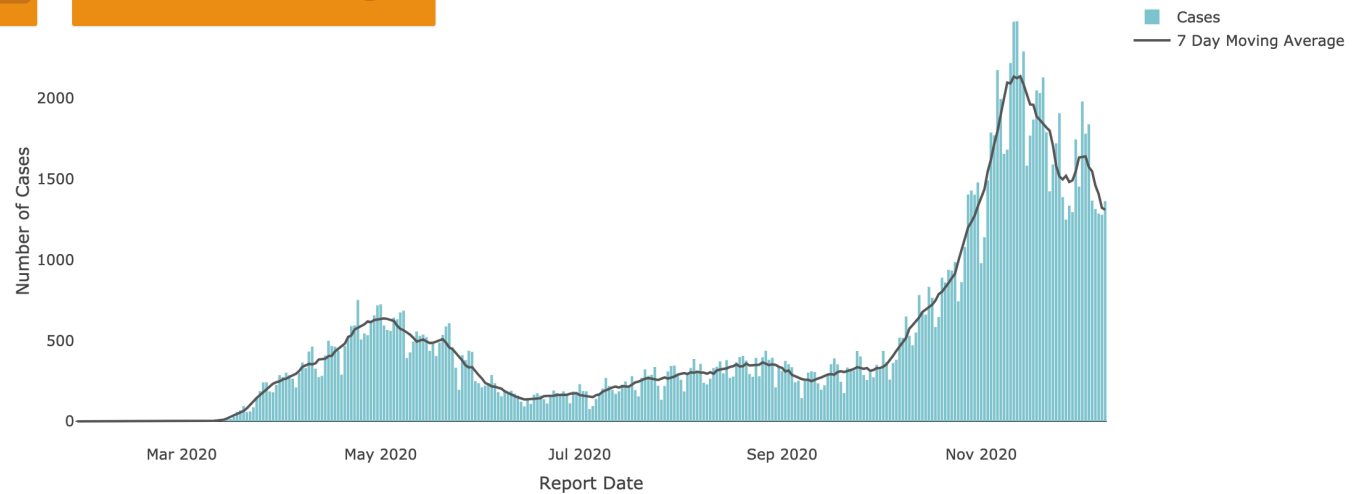
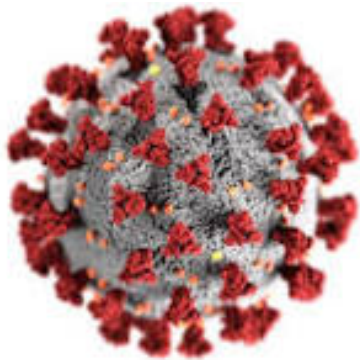


**13.9%**

Test Positivity Last Week



Cases by Report Date in Suburban Cook County, IL  
(n = 151,761)





# CCDPH Response

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- Investigated 12,799 COVID-19 cases
- Investigated 260+ cases or close contacts related to schools
- Provided more than 200 congregate settings with ongoing technical assistance and support
- Responded to over 300 food establishment complaints and 100 in other workplaces
- Cited 84 establishments for violation of Tier 3 mitigation measures
- Responded to over 10,000 inquiries from the public



# Pfizer-BioNTech COVID-19 vaccine

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- First ever mRNA vaccine, allowed for rapid development
- Trial participants included 9.3% African American, 4.3% Asian, 28% Latinx, all adults 16 years or older
- Side effects included: injection site pain, fever, fatigue, headache, muscle aches
- Efficacy 95% overall after two doses
  - Similar across age, gender, race, and high risk conditions
  - Full protection two weeks after second dose



<https://www.nejm.org/doi/full/10.1056/NEJMoa2034577> on 12/22/2020

<https://www.cdc.gov/vaccines/acip/meetings/downloads/slides-2020-12/slides-12-11/COVID-02-Gruber.pdf> on 12/13/2020

<https://www.fda.gov/media/144246/download> on 12/13/2020



# Pfizer-BioNTech COVID-19 vaccine

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- Persons who have had a severe allergic reaction to any vaccine or injectable therapy (intramuscular, intravenous, or subcutaneous) should not receive the Pfizer vaccine at this time
- Appropriate medical treatment used to manage immediate allergic reactions must be immediately available
- Vaccine providers should observe patients after vaccination to monitor for the occurrence of immediate adverse reactions



## CDC – Advisory Committee on Immunization Practices (ACIP) Phased Approach for Vaccine Allocation

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- Phase 1: Provide limited supply of COVID-19 vaccine and/or vaccinations to:
  - 1a – Health care workers, beginning with hospital based, highest risk of exposure
  - 1a – Long-term care facility (LTCF) staff and residents
  - 1a – Unaffiliated healthcare workers including EMS personnel
  - 1b – (ACIP recommendations pending) Essential workers, including first responders, corrections officers, education sector, food and agriculture, utilities, transportation
  - 1c – (ACIP recommendations pending) High risk adults





# Phase 1a – Pfizer Wave 1, Hospitals

- Approximately 20,000 doses being shipped to suburban Cook County this week
- Allocated to 15 hospitals based on essential personnel and COVID impact
- Hospitals to prioritize based on risk to workers
- Will continue to receive additional vaccine weekly
- Anticipate vaccine to long term care facilities next





## CDC – Advisory Committee on Immunization Practices (ACIP) Phased Approach for Vaccine Allocation

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- Phase 2: (ACIP recommendations pending) Expand the vaccination strategy to provide COVID-19 vaccine and/or vaccinations in a manner that allows for equitable access to:
  - Phase 1 critical population members who were not vaccinated in Phase 1
  - Other congregate settings (homeless, group homes, facilities housing disabled)
- Phase 3: (ACIP recommendations pending) Continue to ensure equitable access to vaccination services in suburban Cook County



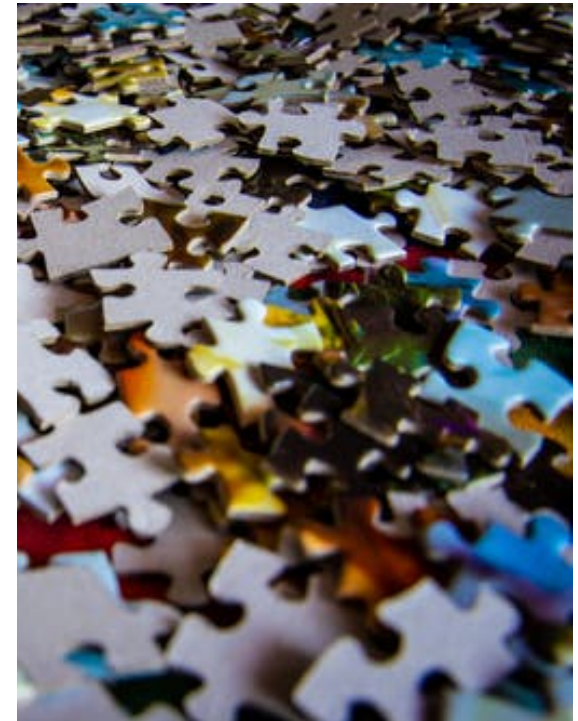




# Vaccine Strategy

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- Partnerships are key to achieving the goal of 70% vaccine uptake required for herd immunity
- Overarching strategy is for healthcare providers in the community to immunize
- CCDPH will take the lead in coordination, immunizing critical populations, and identifying and bridging gaps in coverage
  - CCDPH will continue to monitor testing, contact tracing, vaccination data, and guidance to refine and update allocation strategies





# Partnerships

- Cook County Emergency Operations Center
  - Vaccine receipt, storage, distribution
  - Ongoing logistical and operational support
- CCH and CCDPH collaboration on vaccination sites
  - Epidemiological data will inform site selection and staffing estimates
  - Strategically respond to areas that have the highest burden of cases
- Pharmacy Partnerships
  - Federal - CVS/Walgreens for Long Term Care Facilities
  - Federal - chain and independent community pharmacies
- CCDPH is working closely with:
  - Regional HealthCare Coalitions (RHCC)
  - Federally Qualified Health Centers (FQHC)
  - Long-Term Care Facilities (LTCFs)
  - Pharmacies
  - Many others





# Planned Locations for Vaccine Administration

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- Hospitals
- LTCFs (via Federal Pharmacy Program)
- CCDPH / Cook County Health sites
- **Your healthcare provider or pharmacy**
- Mobile and drive-through sites





# Key Issues

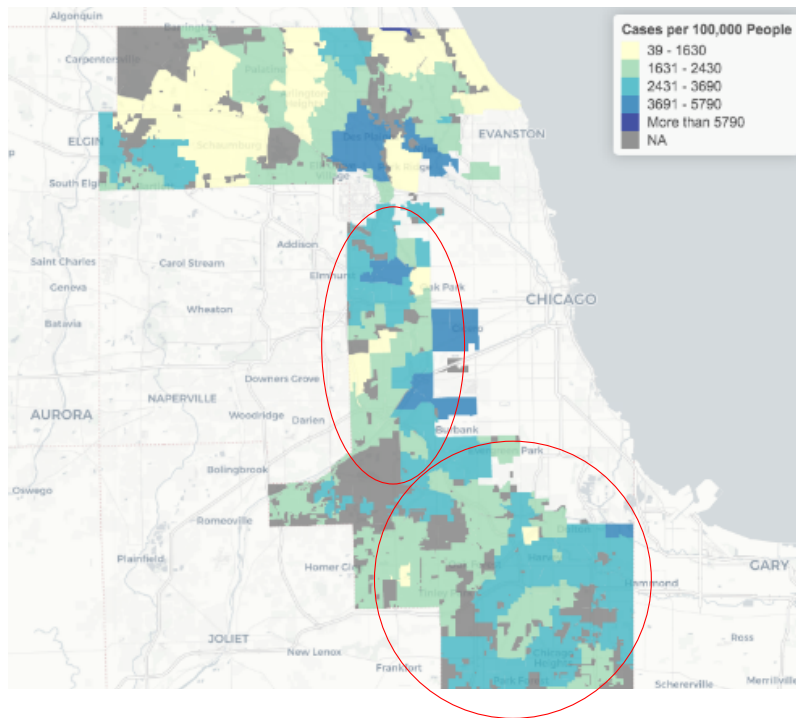
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- Significant logistical/operational complexity due to cold chain requirements, scale
- Existing inequities in healthcare access
- Many, many myths and much disinformation, vaccine hesitancy, distrust

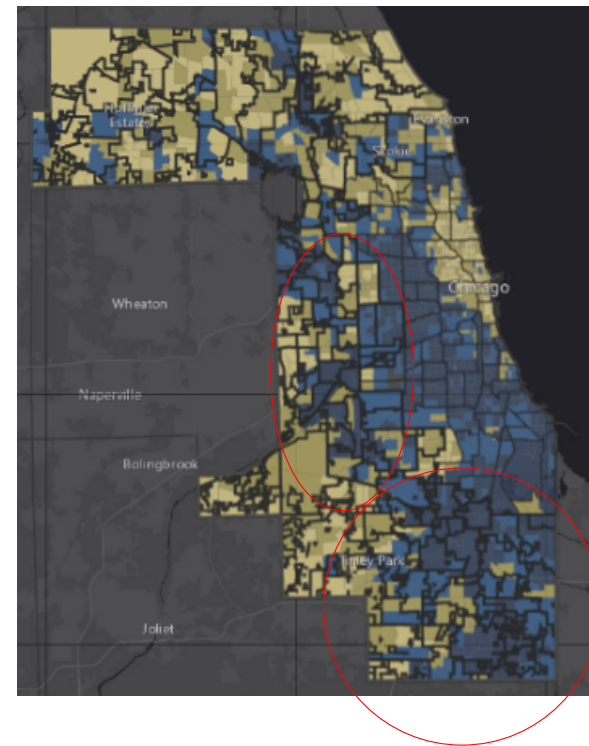


# Challenges – Health Inequities

COVID-19 Case Rates in Suburban Cook County



Social Vulnerability Index



Highest case rates are in areas with highest vulnerability.

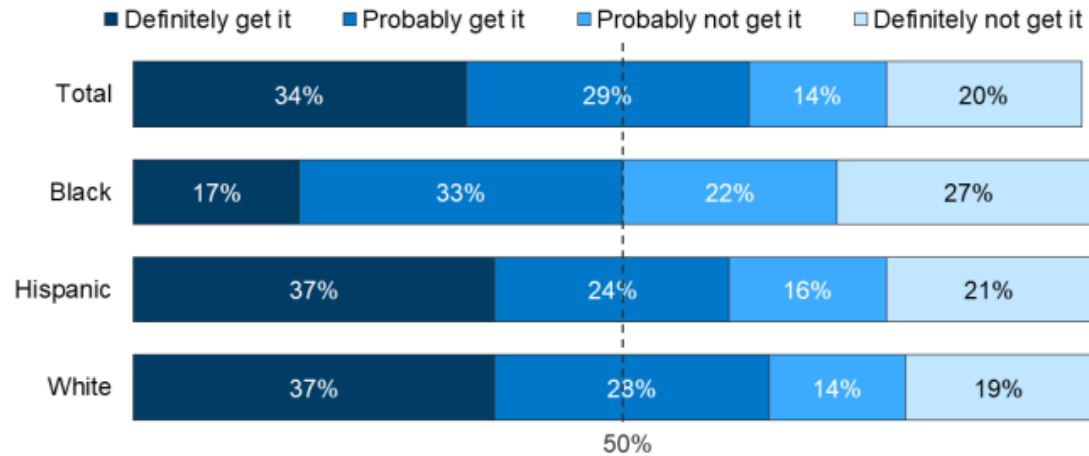


# Challenges – Vaccine Hesitancy

Figure 1

## Black Americans Less Likely To Say They Would Get COVID-19 Vaccine Even If It Was Free And Determined Safe By Scientists

If a coronavirus vaccine was determined to be safe by scientists and available for free to everyone who wanted it, would you...?



SOURCE: KFF/The Undeclared Survey on Race and Health (conducted Aug. 20-Sept. 14, 2020). See topline for full question wording.

**KFF**

Source: Kaiser Family Foundation



# Challenges – Myths and Disinformation

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**Myth:** The process was rushed and compromised safety.

**Fact:** The vaccine was studied in thousands of people over a two month period, has undergone rigorous review by the FDA, CDC, and data were published in the New England Journal of Medicine.

**Myth:** People who get vaccinated don't have to wear masks anymore.

**Fact:** Evidence shows that vaccination will prevent people from getting sick, but they may still acquire and transmit the virus to others.

**Myth:** The vaccine has microchips that allow the government to track people.

**Fact:** Nope.



## In Summary

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- The Pfizer COVID-19 vaccine is safe and effective, every eligible person should get one
- COVID-19 vaccines will roll out in phases, with healthcare workers, seniors, essential workers first
- Many, many partners will be involved
- If you are a healthcare provider, please sign up to become a vaccine provider!
  - For more information, go to [cookcountypublichealth.org](https://www.cookcountypublichealth.org)