



Cook County COVID-19 Vaccination Planning



Current Situation

As of January 06, 2021:

181,356

Confirmed Cases



3,439

Deaths*



286

Weekly Case Rate per 100,000



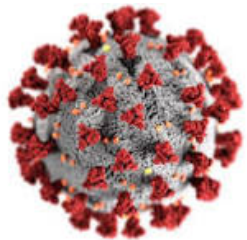
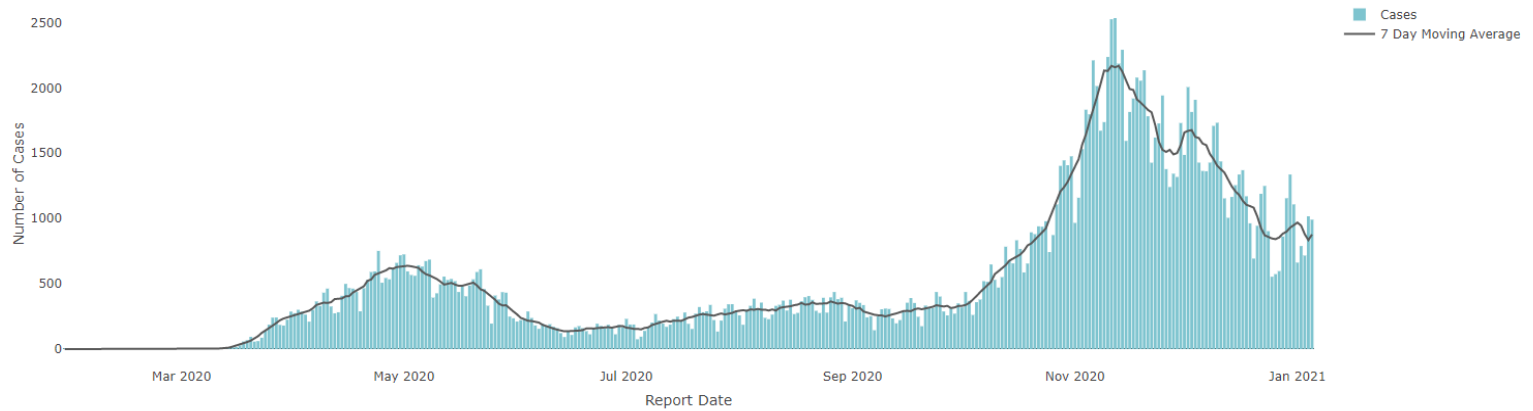
10.9%

Test Positivity Last Week



<https://ccdphcd.shinyapps.io/covid19/>

COVID-19 Cases by Report Date in Suburban Cook County, IL
(n = 181,356)





CCDPH Response

- 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

- First ever mRNA vaccine, allowed for rapid development, two doses 21 days
 - Requires ultra-cold (-80C to -60C) storage, must be used within 6 hours after thawing
- 44,000 participants randomized to placebo or vaccine
 - 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

- 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



Moderna-NIH COVID-19 Vaccine

- Second mRNA vaccine, two doses 28 days apart, no ultra-cold storage required
 - Stable for months in standard freezers, 30 days in refrigerator
- 30,420 trial participants randomized to placebo or vaccine
 - Included 10.2% African American, 4.6% Asian, 20.5% Latinx, all adults 18 years or older
- Side effects included: injection site pain, fatigue, headache, muscle pain, joint pain
- Two doses confer 94% efficacy overall against symptomatic COVID-19
 - Some evidence of protection against asymptomatic COVID-19
 - High ($\geq 86\%$) across age, gender, race, and high risk conditions
 - Full protection two weeks after second dose

<https://www.cdc.gov/vaccines/acip/meetings/downloads/slides-2020-12/slides-12-19/02-COVID-Miller.pdf> on 12/20/2020

<https://www.fda.gov/media/144434/download> on 12/20/2020



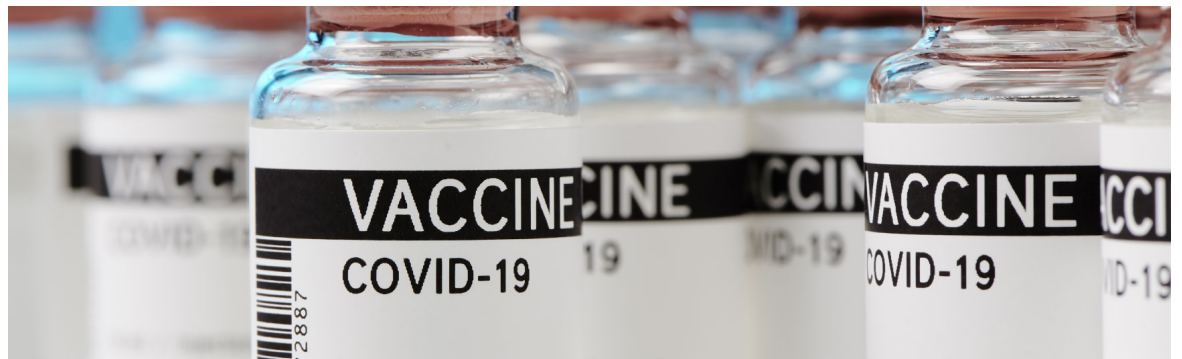
CDC – Advisory Committee on Immunization Practices (ACIP) Phased Approach for Vaccine Allocation (12/20 update)

- Phase 1a: Healthcare personnel and long term care facility residents
 - Hospital-based health care workers, highest risk of exposure
 - Long-term care facility (LTCF) residents and personnel
 - Community-based healthcare workers, including school nurses and other school health personnel (e.g. nursing aides, speech therapists, physical therapists, etc.)



CDC – Advisory Committee on Immunization Practices (ACIP) Phased Approach for Vaccine Allocation (12/20 update)

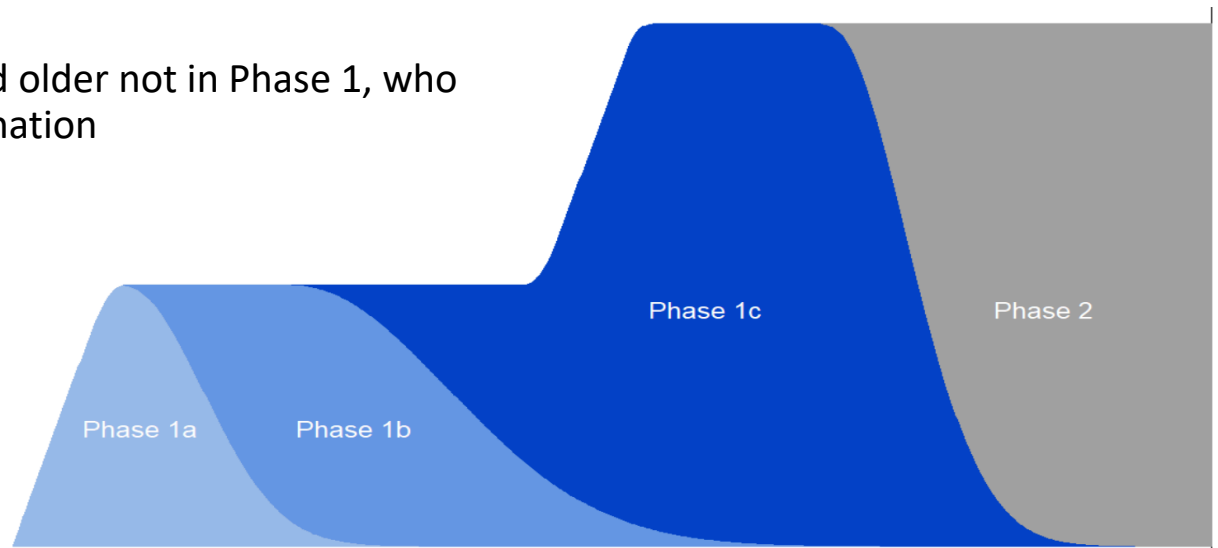
- Phase 1b - Frontline essential workers and individuals ≥ 65 years (** IDPH issued announcement of change to 65 and older on 1/6/21)
- Frontline essential workers defined as:
 - workers who are in sectors essential to the functioning of society and are at substantially higher risk of exposure to SARS-CoV-2
- Includes:
 - First Responders (Firefighters, Police)
 - Education (teachers, support staff, daycare)
 - Food & Agriculture
 - Manufacturing
 - Corrections workers
 - U.S. Postal service workers
 - Public transit workers
 - Grocery store workers





CDC – Advisory Committee on Immunization Practices (ACIP) Phased Approach for Vaccine Allocation (12/20 update)

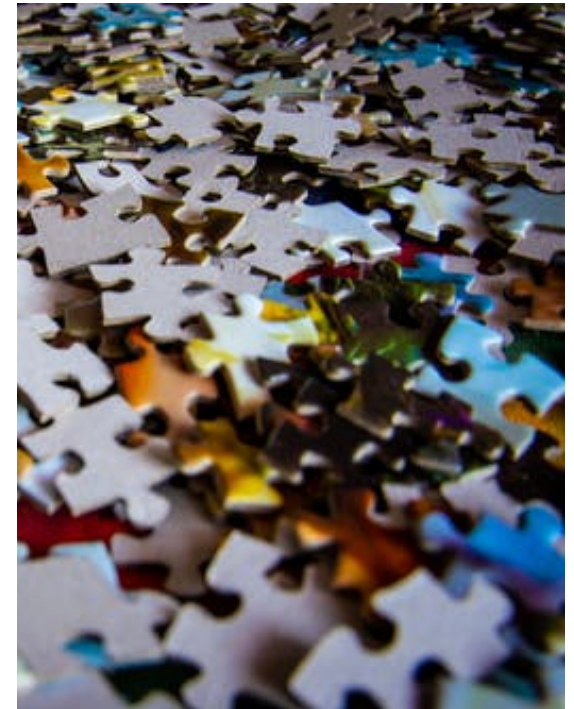
- Phase 1c
 - Persons aged 16-64 years with high-risk conditions
 - Essential workers not recommended in Phase 1b
- Phase 2
 - All people aged 16 years and older not in Phase 1, who are recommended for vaccination





Vaccine Strategy

- 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

CCDPH is working to ensure that populations who are more vulnerable have access to the COVID-19 vaccine.

CCDPH will leverage a variety of CDC approved vaccine providers to support vaccinations during phases 1a-2:

- Suburban Cook County Hospitals
- Select Community Healthcare Providers (FQHCs, Private Clinics, CCH ACHN)
- Select Retail Pharmacies
- CCDPH Community-based Vaccination Sites (3 three sites throughout suburban Cook)
- Mobile vaccination units deployed to select community sites

CCDPH continues to explore the role of leveraging community healthcare professionals to support with vaccination operations in phases 1a-2



Stay Connected

- **Organizations:** <https://redcap.dph.illinois.gov/surveys/?s=YK3WLELLJR>
 - Updates on when and how organizations and their staff will be vaccinated
 - Information on how to become a vaccine provider
- **Individuals:** <https://redcap.dph.illinois.gov/surveys/?s=PP8PJNFHMW>
 - Updates on when and how individuals will be vaccinated



In Summary

- The Pfizer and Moderna COVID-19 vaccines are safe and effective, every eligible person should get vaccinated
- COVID-19 vaccines will roll out in phases over the next several months (1a to continue through late January and early February and 1b to begin in February)
- Vaccine will be administered by approved vaccine providers and a variety of community settings in suburban Cook including hospitals, community healthcare providers, retail pharmacies, etc.
- Sign up to stay informed
 - Organizations: <https://redcap.dph.illinois.gov/surveys/?s=YK3WLELLJR>
 - Individuals: <https://redcap.dph.illinois.gov/surveys/?s=PP8PJNFHMW>