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Covid-19 vaccine and Youth with disabilities

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Why COVID-19 vaccinations are important for youth with disabilities (12-18)

- Overall children and youth have less severe disease and less hospitalizations than adults
- Youth with disabilities and with medical conditions are more at risk to become severely ill
- Youth at risk of complications from covid infection- MIS-C, myocarditis, long haul symptoms
- Youth also play a role in transmission

Siegel DA, Reses HE, Cool AJ, et al. Trends in COVID-19 Cases, Emergency Department Visits, and Hospital Admissions Among Children and Adolescents Aged 0–17 Years — United States, August 2020–August 2021. MMWR Morb Mortal Wkly Rep 2021;70:1249–1254.

DOI: <http://dx.doi.org/10.15585/mmwr.mm7036e1external icon>

What data tells us about vaccine efficacy and safety for this population

- 423 million doses of Covid-19 vaccine given in US through November 1, 2021
- Covid-19 vaccines currently approved or authorized by FDA **are highly effective** in preventing serious outcomes, including hospitalization and death.
- Available safety, immunogenicity, and reactogenicity data similar to those seen in young adults aged 16–25 years.

Vaccines Administered to Illinoisans

Illinois Population 12+

Fully Vaccinated: 7,646,541 (70.6%)

At Least 1 Dose: 8,300,940 (76.6%)

Illinois Population 18+

Fully Vaccinated: 7,102,761 (72.1%)

At Least 1 Dose: 7,700,728 (78.1%)

Illinois Population 65+

Fully Vaccinated: 1,752,910 (85.8%)

At Least 1 Dose: 1,885,267 (92.3%)

<https://dph.illinois.gov/covid19/vaccine/vaccine-data.html?county=Illinois>

Breakthrough Covid-19 infections

Hospitalized

2,552

0.035% of Fully Vaccinated Population

Deaths

818

0.011% of Fully Vaccinated Population

Breakthrough data include fully vaccinated individuals who have been hospitalized or died due to COVID-19 or complications from COVID-19.

What data tells us about vaccine efficacy for this population



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Covid-19 vaccine and Myocarditis

- Rare complication of Covid-19 vaccination
- Predominantly males 12-29yo
- Symptoms few days after the second dose
- Usually benign clinical course, requiring hospitalization and resolution of symptoms
- Greater risk of heart damage with Covid-19 infection
- Seek medical care if chest pain or shortness of breath after vaccination
- If underlying heart condition, speak to your physician

<https://www.cdc.gov/vaccines/covid-19/clinical-considerations/myocarditis.html>

Potential Risk of Myocarditis with COVID-19 Vaccination

	Females	Males
12-17 Years	8-10 myocarditis cases	56-69 myocarditis cases
18-24 Years	4-5 myocarditis cases	45-56 myocarditis cases
24-29 Years	2 myocarditis cases	15-18 myocarditis cases



Risks

Benefits

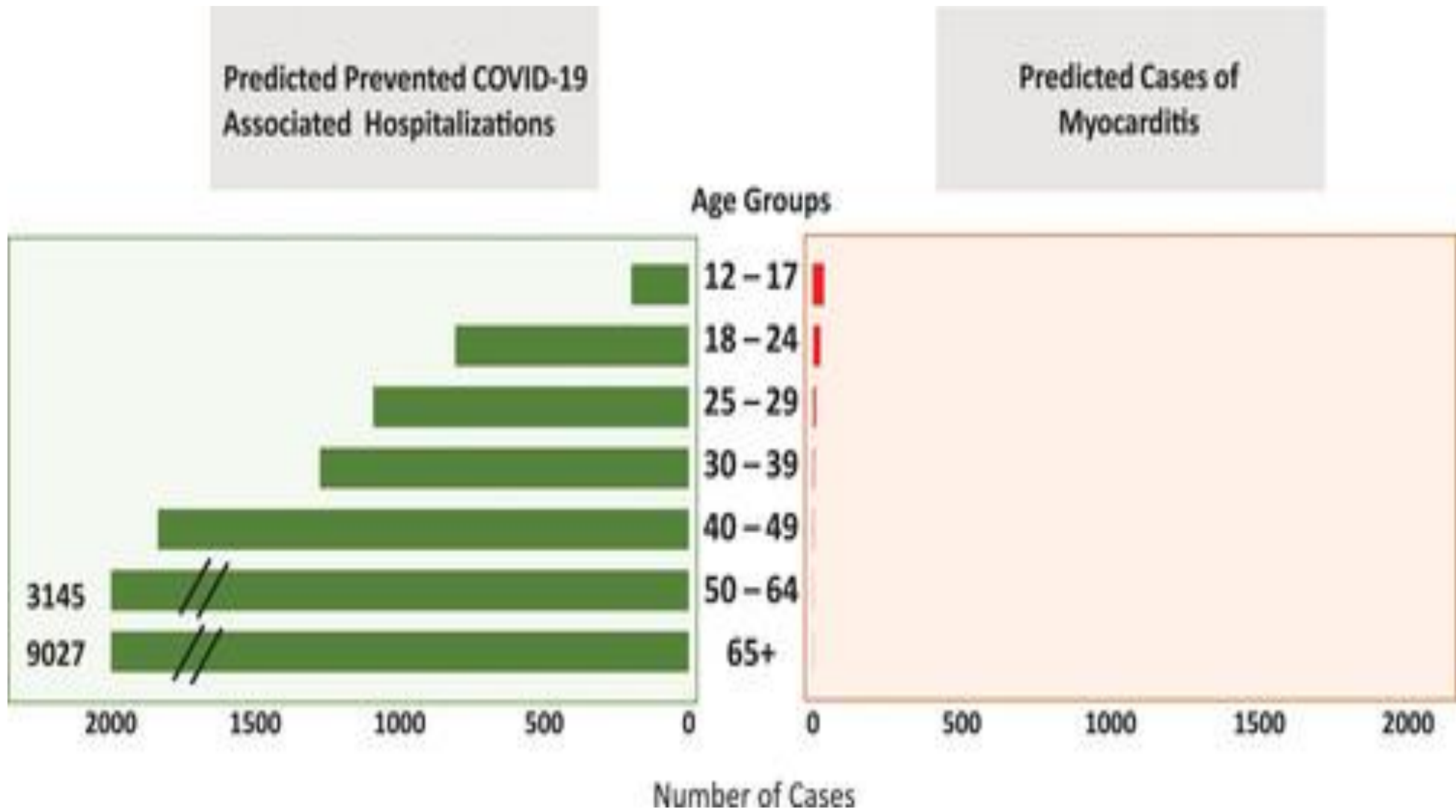
Potential Prevention of COVID-19, Hospitalizations, ICU admissions and Death with COVID-19 Vaccination

	Females	Males
12-17 Years	8500 Covid-19 cases 183 Hospitalizations 38 ICU admissions 1 Death	8500 Covid-19 cases 183 Hospitalizations 38 ICU admissions 1 Death
18-24 Years	14,000 Covid-19 cases 1127 Hospitalizations 93 ICU admissions 13 Deaths	12,000 Covid-19 cases 530 Hospitalizations 127 ICU admissions 3 Deaths
24-29 Years	15,000 Covid-19 cases 1459 Hospitalizations 87 ICU admissions 4 Deaths	15,000 Covid-19 cases 936 Hospitalizations 215 ICU admissions 13 Deaths

Potential prevention of COVID-19 related myocardial injury, MIS-C, post-acute sequelae SARS-CoV-2 infection

for every million second dose COVID-19 mRNA vaccinations






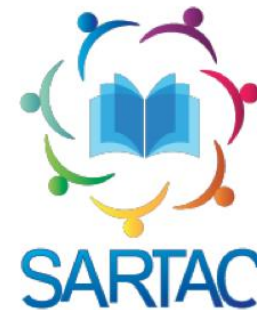
Where to find vaccines

- Disability Information Access Line Call 888-677-1199 Monday-Friday from 8am-7pm or email DIAL@usaginganddisability.org
- <https://www.vaccines.gov/>
- City of Chicago Vaccine Finder
- Protect Chicago at home (in-home) (312) 746-4835
- CPS Vaccination sites - some walk-in, mostly weekdays during school hours

Strategies to support youth with DD to make vaccination more comfortable

Provide information in accessible and inclusive formats

- [Accessible Covid-19 resources](#) (Braille, ASL, plain language, videos, screen-reader compatible) 
- [Plain Language COVID-19-Vaccine Information](#) (11 languages)



Strategies to support youth with DD to make vaccination more comfortable

Social Stories

- [Covid-19 Vaccination](#) (English and Spanish)
- [Getting Covid-19 Vaccine in Communities of Color](#)



Pick a familiar location/ Visit ahead of time

Decrease sensory sensitivities

Practice calming/breathing techniques

Strategies to support youth with DD to make mask wearing more comfortable

Wearing a Mask Social Story



Behavioral Strategies

- Positive reinforcement
- Occupational therapy/Desensitization

What is most important for youth to know about staying safe after vaccination

- Wear masks
- Wash hands
- Don't touch your face
- Socialize in safe ways (social distanced, masked)

Wisconsin Board for People with Disabilities [Tips for Staying Healthy](#)

Families Together Inc.

[Navigating COVID-19 When Your Child/Youth has a Disability
\(resources by disability type\)](#)

Additional Dose ≠ Booster Dose

Some immunocompromised people may have an insufficient immune response to the Covid-19 vaccine and need an additional dose to achieve a sufficient immune response

Indications for an Additional Dose

- are undergoing active treatment for solid tumor and hematologic malignancies
- have had a solid-organ transplant and are taking immunosuppressive therapy
- have had a CAR-T-cell or hematopoietic stem cell transplant (within two years of transplantation or are taking immunosuppression therapy)
- have moderate or severe primary immunodeficiency
- have advanced or untreated HIV infection
- are undergoing active treatment with high-dose corticosteroids, alkylating agents, antimetabolites, transplant-related immunosuppressive drugs, cancer chemotherapeutic agents, tumor-necrosis (TNF) blockers, and other biologic agents that are immunosuppressive or immunomodulatory.

Booster Dose

A booster shot is for recommended people who had a sufficient immune response which wanes over time.

Booster shots currently recommended for:

- ages 65 and older
- ages 18 and older living in long-term care settings
- ages 18-64 with underlying medical conditions
- ages 18-64 working in settings that increase their risk for exposure to COVID-19

Not currently recommended for people <18yo

How to know when a booster shot may be needed

- Talk to your doctor
- [CDC.gov](https://www.cdc.gov)
- IDPH

Managing Anxiety/Stress from Covid-19

- Manage how you consume information
- Daily routines
- Exercise and movement
- Mindfulness
- Stay connected

Resources to Manage Anxiety/Stress from Covid-19

- **Family Voices**

[Part 1: Put On Your Own Oxygen Mask First](#)

[Parte 1: Ponte tu máscara de oxígeno primero \(Spanish\)](#)

[Part 2: Telehealth Tips](#)

[Parte 2: Telesalud \(Spanish\)](#)

[Part 3: Parenting and Ideas for Kiddos](#)

[Parte 3: Crianza e Ideas para los/as niños/as \(Spanish\)](#)

[Part 4: Expressing, Coping, and Reframing](#)

Take home lessons about COVID mitigation

- Get Covid-19 vaccine
- Get Flu shot
- Wear masks
- Wash hands
- Self-care
- Stay home if sick

The background of the slide is a blue-tinted photograph of the University of Illinois at Chicago (UIC) campus. In the foreground, there is a large, modern building with a grid-like facade. Below it, a wide walkway is filled with many people walking. To the left, there is a building with a traditional Chinese-style roof. In the background, the Chicago skyline is visible, with the Willis Tower being the most prominent building. The overall scene is a mix of urban architecture and greenery.

Questions

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Ingredients that are NOT used in COVID-19 vaccines

The above table lists ALL ingredients in the Pfizer-BioNTech COVID-19 Vaccine (COMIRNATY). There are NO ingredients in this vaccine beyond what is listed in the table. The Pfizer-BioNTech COVID-19 Vaccine (COMIRNATY) has:

- **No preservatives** like thimerosal or mercury or any other preservatives.
- **No antibiotics** like sulfonamide or any other antibiotics.
- **No medicines or therapeutics** like ivermectin or any other medications.
- **No tissues** like aborted fetal cells, gelatin, or any materials from any animal.
- **No food proteins** like eggs or egg products, gluten, peanuts, tree nuts, nut products, or any nut byproducts (COVID-19 vaccines are not manufactured in facilities that produce food products).
- **No metals** like iron, nickel, cobalt, titanium, rare earth alloys, or any manufactured products like microelectronics, electrodes, carbon nanotubes or other nanostructures, or nanowire semiconductors.
- **No latex.** The vial stoppers used to hold the vaccine also do not contain latex.