

Vaccine Protection: Caring Communities Working Together



Learning Objectives

- Describe the importance of Core Infection Prevention and Control Measures, including vaccination
- Determine specific vaccine barriers in your care community, including hesitancy and misinformation
- Understand how vaccines reduce severe illness and death
- Provide a facility level process for healthcare personnel to discuss vaccine questions
- Implement a process that attains maximum vaccination of both residents and staff

Description

- By Friday October 15, 2021, licensed congregate care facilities within Illinois under the emergency amendments shall provide unvaccinated staff a minimum of 90 minutes of clear and accurate instruction covering vaccine education, effectiveness, benefits, risks, common reactions, hesitancy, and misinformation. Records of training shall be made available to the Department upon request.
- This 90 minute presentation will discuss vaccine effectiveness, benefits, risks, common reactions, hesitancy, and misinformation. The goal is to get the maximum number of healthcare personnel vaccinated to ensure the safety of persons living and working in congregate care settings.

May 28, 2021 EEOC Guidance

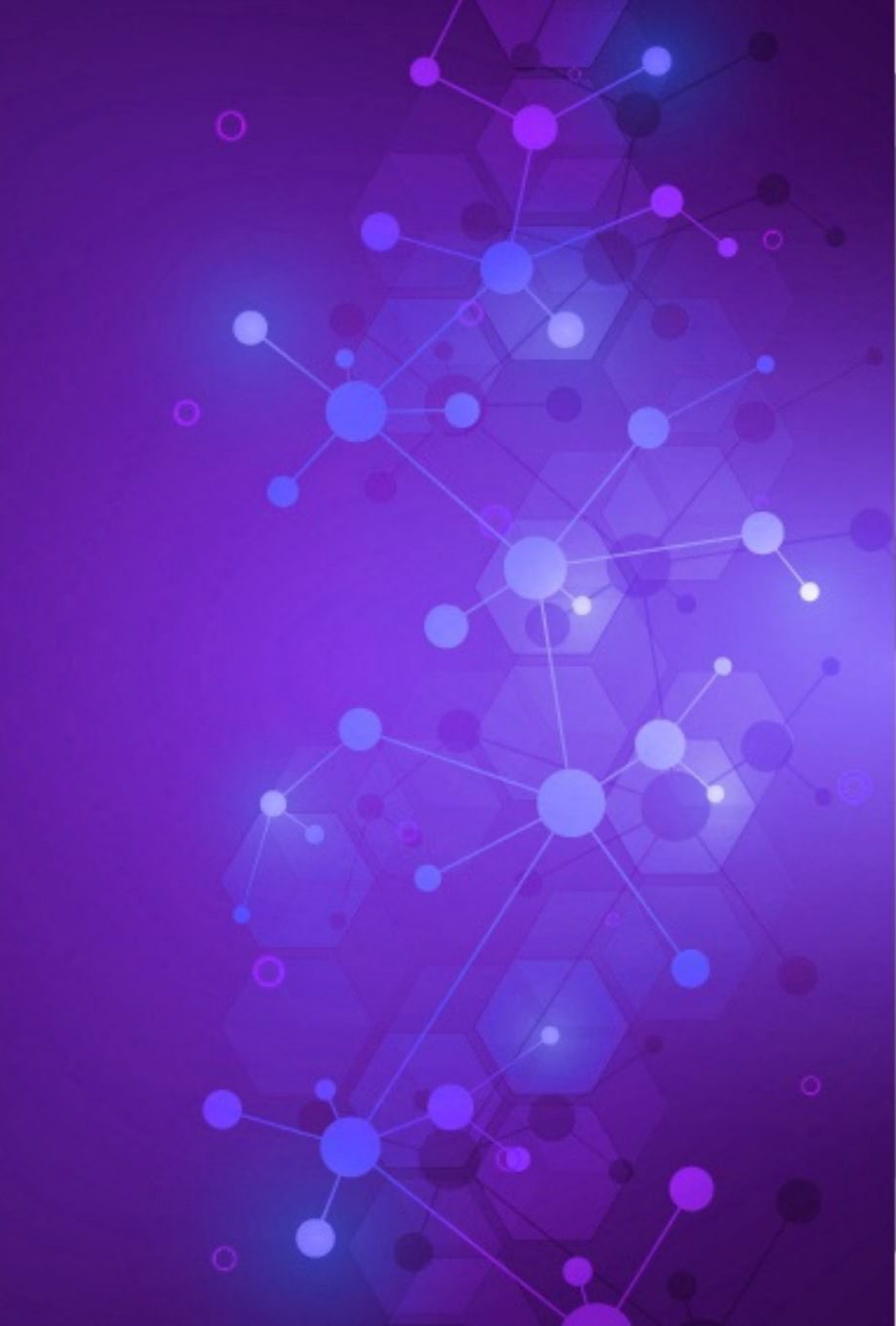


- K.1. Under the ADA, Title VII, and other federal employment nondiscrimination laws, may an employer require all employees physically entering the workplace to be vaccinated for COVID-19? (5/28/21)
- The federal EEO laws do not prevent an employer from requiring all employees physically entering the workplace to be vaccinated for COVID-19, subject to the reasonable accommodation provisions of Title VII and the ADA and other EEO considerations discussed below. These principles apply if an employee gets the vaccine in the community or from the employer.

This Presentation is for You

- Still have legitimate questions
- Still not sure about what you are hearing or who to listen to
- Still afraid (Seriously, NO ONE likes shots)
- You may have already had COVID-19 and are unsure about vaccination





Why has COVID-19 vaccine or routine testing become a condition of employment in healthcare?

Not a New Concept

- “The idea of giving out cards to document a vaccination has been around since the 1930s”, says Maureen Miller, an adjunct associate professor of epidemiology at Columbia University's Mailman School of Public Health.

2-28 1938 Health Service
University of Illinois

M Miss Nettie

☐ has had smallpox and presented a satisfactory certificate.

☒ has been vaccinated against smallpox in accordance with the regulation of the State Department of Health on Feb '38 and may attend classes.

J. Howard Beard, M. D.
University Health Officer

Maude Lee Etheridge MD
Certifying Physician

00 x 311

University of Illinois Archives

It has been a long and difficult time

- The focus of congregate care has been person centered care within a home like environment
- Many people rely on the support of congregate care
- The infection prevention interventions traditionally used for weeks have been required for months and at this point over a year
- Social isolation has been especially difficult in congregate care
- Yet we have learned a lot and the light at the end of the tunnel does not seem so much like an oncoming train
- We need vaccines to get us out from under this pandemic



COVID-19 Had a Devastating Impact on Medicare Beneficiaries in Nursing Homes During 2020

Why These Data Are Important

The COVID-19 pandemic has presented extraordinary challenges for the Nation's health care system. Nursing home residents have been particularly affected by the disease, as they are predominately elderly, tend to have underlying conditions, and live in close quarters.

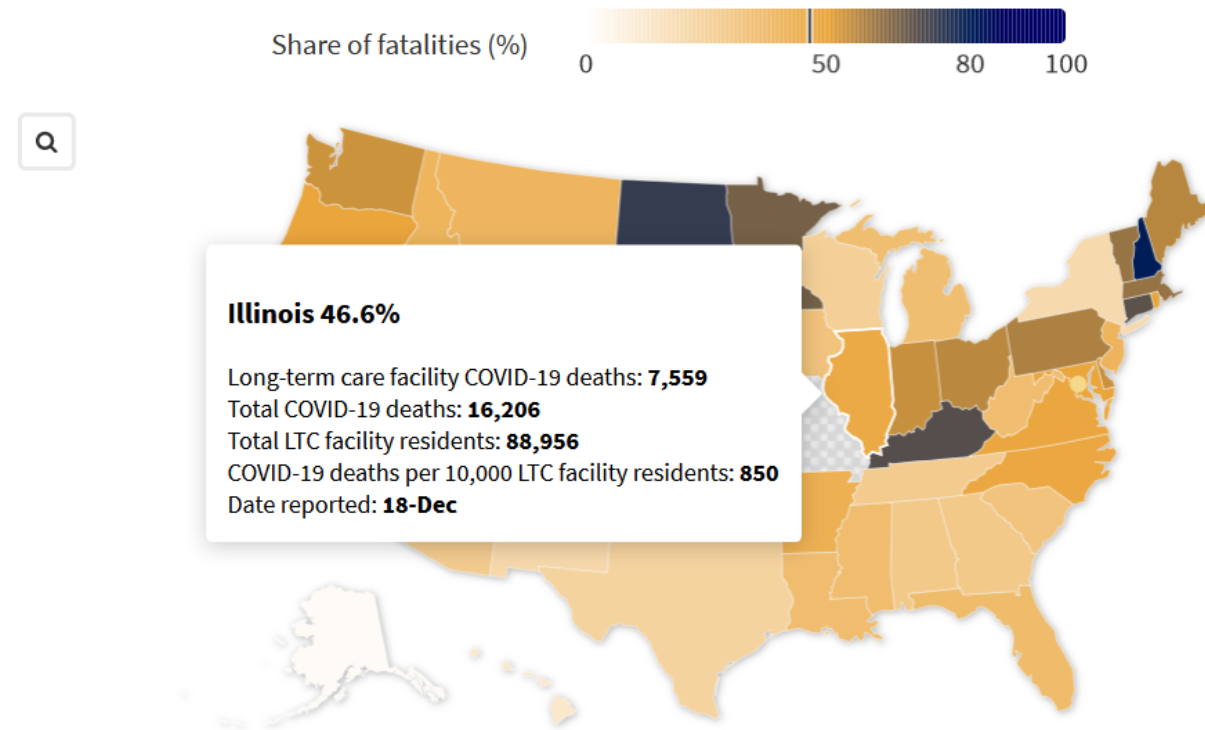
The media have chronicled the fear, loneliness, and isolation residents have endured, as well as the grief they have felt watching so many peers die. However, data on the number of nursing home residents who were diagnosed with COVID-19 or likely COVID-19 have not been readily available, particularly for early in the pandemic. Nursing homes are not required to report cases and deaths that occurred before May 8, 2020. It is important that we understand the extent of the outbreaks in

Key Takeaways

- 2 in 5 Medicare beneficiaries in nursing homes were diagnosed with either COVID-19 or likely COVID-19 in 2020.
- Almost 1,000 more beneficiaries died per day in April 2020 than in April 2019.
- Overall mortality in nursing homes increased to 22 percent in 2020 from 17 percent in 2019.
- About half of Black, Hispanic, and Asian beneficiaries in nursing homes had or likely had COVID-19, and 41 percent of White beneficiaries did.
- Understanding the pandemic's effects on nursing home residents is necessary if tragedies like this are to be averted.

38% of U.S. COVID-19 Deaths Occur in Nursing Homes & Assisted Living Facilities

(Cmd/ctrl + scroll or two fingers to zoom & pan)



No
More

Source: [The Foundation for Research on Equal Opportunity](#)
Gregg Girvan & Avik Roy • As of December 20, 2020

FREOPP.org

Not Just Medicare Beneficiaries

[News](#) > [Medscape Medical News](#)

One Year Into the Pandemic, More Than 3000 Healthcare Workers Have Died of COVID-19

United States

Ellie Kincaid

March 11, 2021

43 [Read Comments](#)

WORLD

COVID-19: Estimated 115,000 healthcare workers have died from disease, says WHO [COMMENTS](#)

By [Euronews](#) • Updated: 24/05/2021



Worldwide

You have all worked so hard

Short review of where we started with COVID-19 and where we are now

[health.gov](#) » [Our Work](#) » [National Health Initiatives](#) » [Healthy Aging](#)



Photos: CDC, CIDRAP, NBC



Social Media Post January 9, 2020



1 Year Ago
[See Your Memories](#) >



Infectious Diseases Society of America

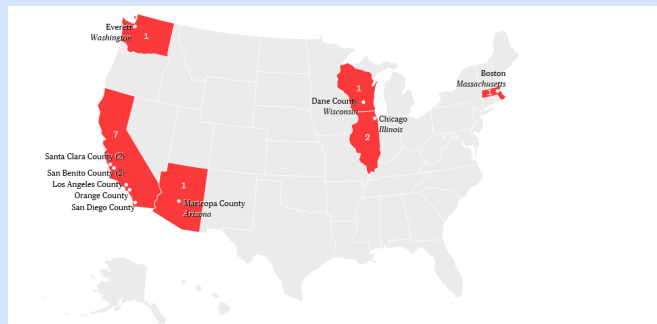
January 9, 2020 · 🌐

A new strain of coronavirus, a type of virus which produced SARS & MERS, may be the pathogen causing China's mysterious pneumonia cases, announced the World Health Organization on Wednesday.



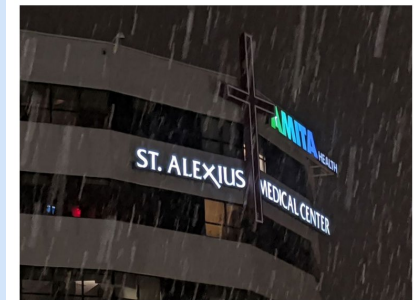
Confirmed cases
of 2019-nCoV
(February 10,
2020)

IDPH Presentation March 9, 2020



US reports first case of person-to-person spread of coronavirus

By Mike Stobbe AP Medical Writer January 30, 2020 1:25 p.m.



St. Alexius Medical Center in Hoffman Estates, Illinois, where a Chicago woman affected by the coronavirus was treated in isolation. EDEKA H. HENRIKE/GETTY IMAGES

Total World Cases March 4, 2020



Coronavirus COVID-19 Global Cases by Johns Hopkins CSSE



Total Confirmed

95,120

Confirmed Cases by
Country/Region

80,270 Mainland China
5,621 South Korea
3,089 Italy
2,922 Iran
706 Others
331 Japan
285 France
262 Germany
222 Spain
153 US
110 Singapore
102 Hong Kong
90 Switzerland

Country/Region

Last Updated at (M/D/YYYY)

3/4/2020, 3:23:10 PM



Cumulative Confirmed Cases

Existing Cases

Lancet Inf Dis Article: [Here](#). Mobile Version: [Here](#). Visualization: JHU CSSE. Automation Support: [Esri Living Atlas team](#) and [JHU APL](#).

Data sources: [WHO](#), [CDC](#), [ECDC](#), [NHC](#) and [DXY](#). Read more in this [blog](#). [Contact US](#).

Downloadable database: GitHub: [Here](#). Feature layer: [Here](#).

Total Deaths

3,254

9 deaths

King County, WA US

8 deaths

Beijing Mainland China

7 deaths

Guangdong Mainland China

6 deaths

Japan

6 deaths

Anhui Mainland China

6 deaths

Chongqing Mainland China

6 deaths

Henan Mainland China

Total Recovered

51,156

2 recovered

Cook County, IL US

1 recovered

Queensland Australia

1 recovered

Belgium

1 recovered

Cambodia

1 recovered

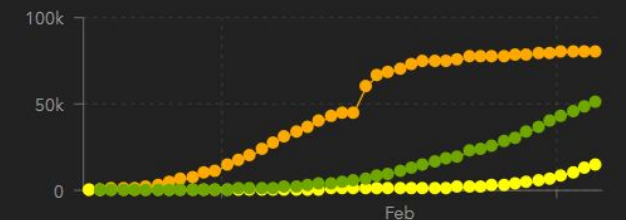
London, ON Canada

1 recovered

Egypt

1 recovered

Finland



Mainland China

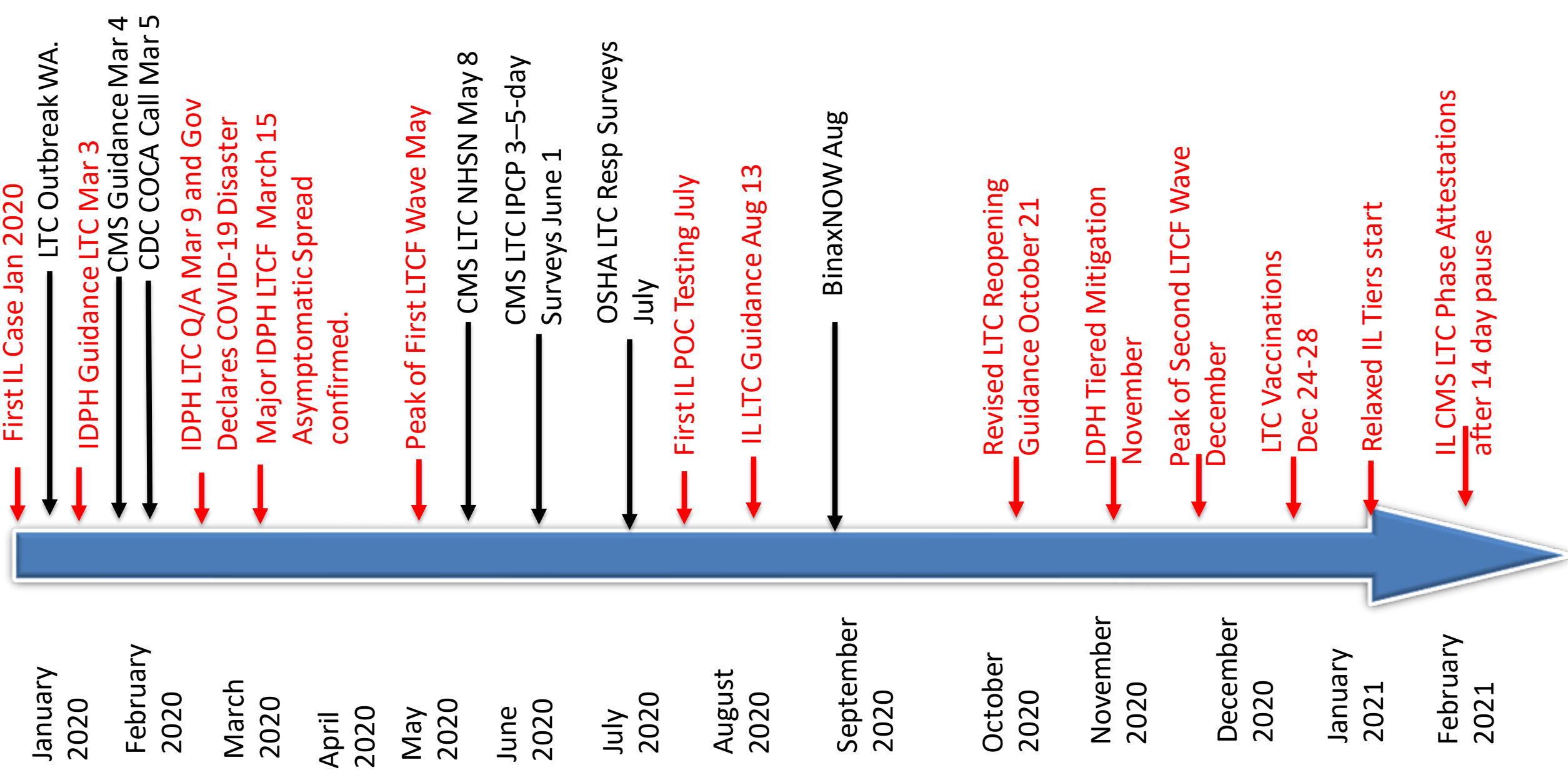
Other Locations

Total Recovered

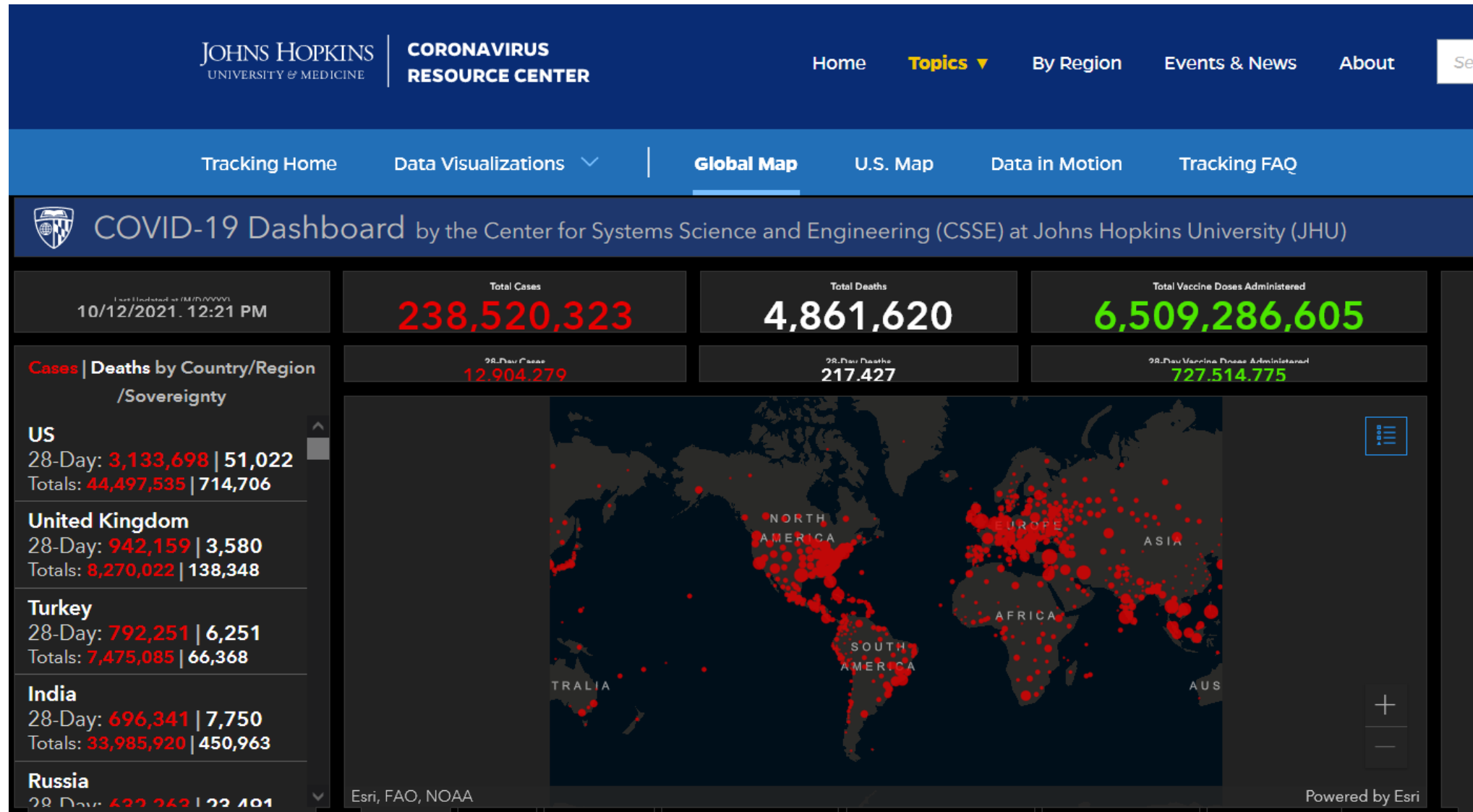
Actual

Logarithmic

Daily Cases



Total World Cases October 12, 2021



Coronavirus

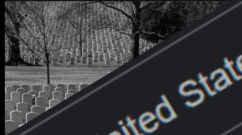
U.S. NEARS GRIM COVID MILESTONE OF 500,000 DEATHS

Relatively few children die of covid-19, but each death represents a trauma deepened

The children who have died of covid-19 are, even more than among adults, disproportionately children of color — about three-quarters of those who've succumbed to covid so far, according to CDC data.

By Marc Fisher, Ariana Eunjung Cha, Annie Gowen, Arlis R. Hernandez and Lori Rozsa
• 1 hour ago

The U.S. deaths from covid-19 fill a cemetery the size of...



United States

All regions

Deaths
716K
+1,154

Total

Cases
44.5M
+124K

CORONA

HEALTH TECH SUSTAINABILITY VIDEO PODCASTS OPINION PUBLI

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PUBLIC HEALTH

Nursing Home Workers Had One of the Deadliest Jobs of 2020

An analysis of incomplete data shows they had a death rate higher than that of loggers, and may have rivaled fishers for most perilous profession

The Washington Post

Democracy Dies in Darkness

The Washington Post
Democracy Dies in Darkness

If the Vietnam Veterans memorial held 500,000 names, it would need to be eight times taller

To show half a million names the wall would need to be 87 feet at its tallest

Actual max. height: 10 ft. 1.5 in.

Half a million dead, a number almost too large to grasp



Describe the importance of Core Infection Prevention and Control Measures, Including Vaccination

- Goal is an end to the COVID-19 pandemic
- Work together
- Use the tools we have at hand
 - Correctly
 - Consistently



Photo: CDC



General Vaccine Administration



Source Control / PPE



cdc.gov/COVID19



Detection, Isolation

Screening and Surveillance



Hand Hygiene



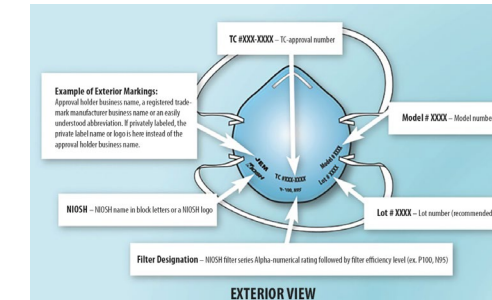
Surface Cleaning / Disinfecting

The National Personal Protective Technology Laboratory (NPPTL)

NIOSH-Approved Particulate Filtering Facepiece Respirators

NIOSH-approved N95 Particulate Filtering Facepiece Respirators

Updated July 22, 2021



Respiratory Protection / Ventilation

Core Infection Prevention Practices





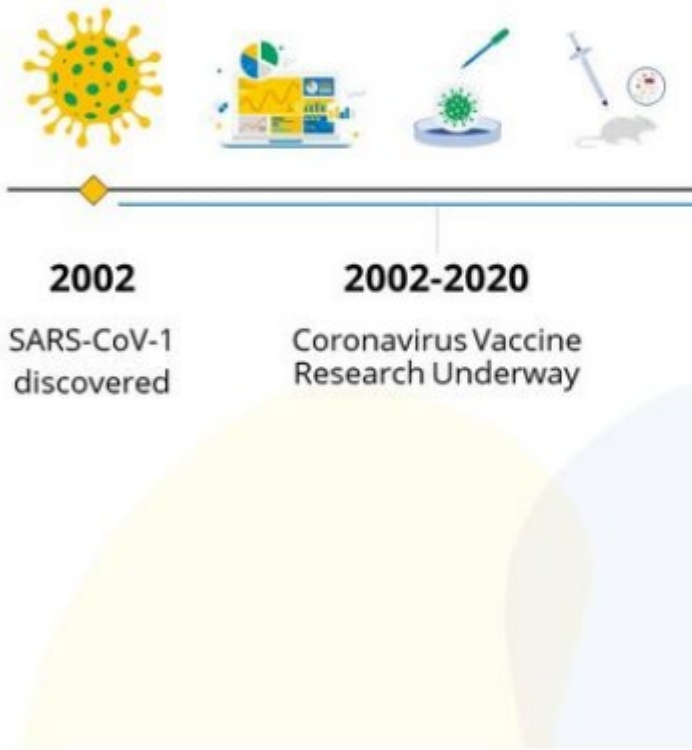
Understand How Vaccines Work and
Reduce Severe Illness and Death



How Do Vaccines Work?

How'd they make the vaccine so fast?

The research was basically already done!

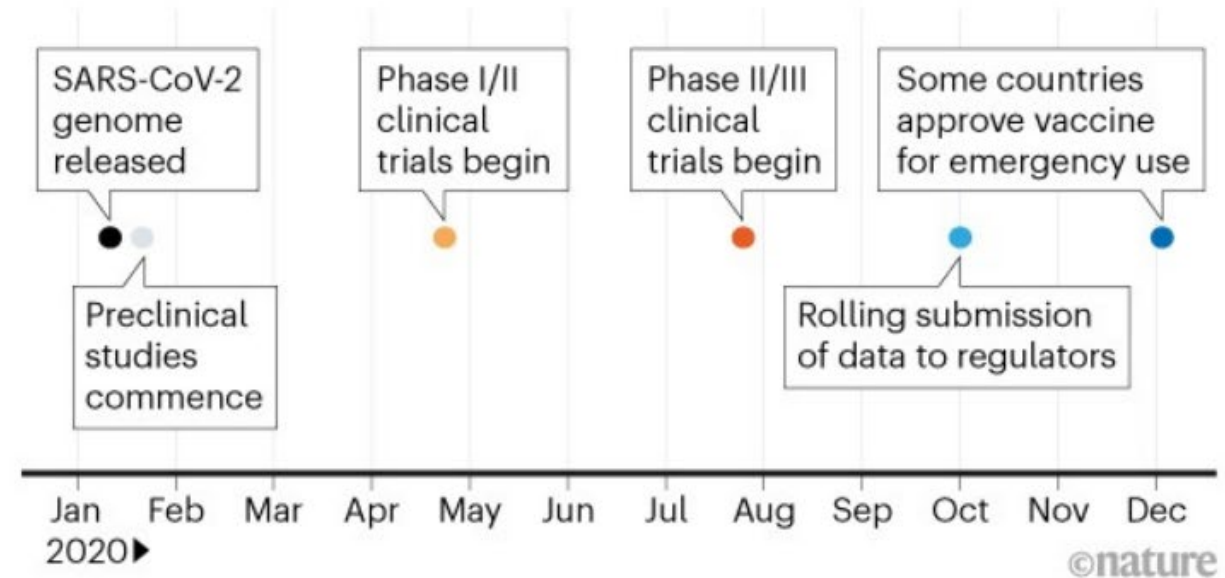


New Jersey Department of Health ✓

August 6 at 10:00 AM · 🌐

A VACCINE IN A YEAR

The drug firms Pfizer and BioNTech got their joint SARS-CoV-2 vaccine approved less than eight months after trials started. The rapid turnaround was achieved by overlapping trials and because they did not encounter safety concerns.



Sources: BioNTech/Pfizer; *Nature* analysis

The four phases of clinical trials

1

As a participant in a phase 1 clinical trial, you'll help researchers understand the safety of a study medicine. You may have frequent clinical exams and lab work, and will be asked to report any issues or side effects.



20-100
participants

2

By joining a phase 2 clinical trial, you're helping researchers better understand how well the study medicine may work for the condition being studied, and the side effects that may occur.



As many as
several hundred
participants

3

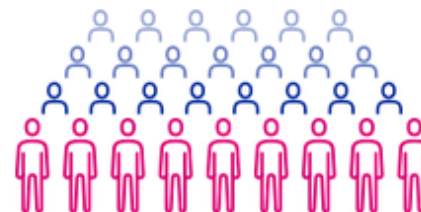
In a phase 3 clinical trial, you'll be part of a larger group of people with the medical condition being studied. Your participation helps researchers determine whether the study medicine is safe and effective for people with that condition.



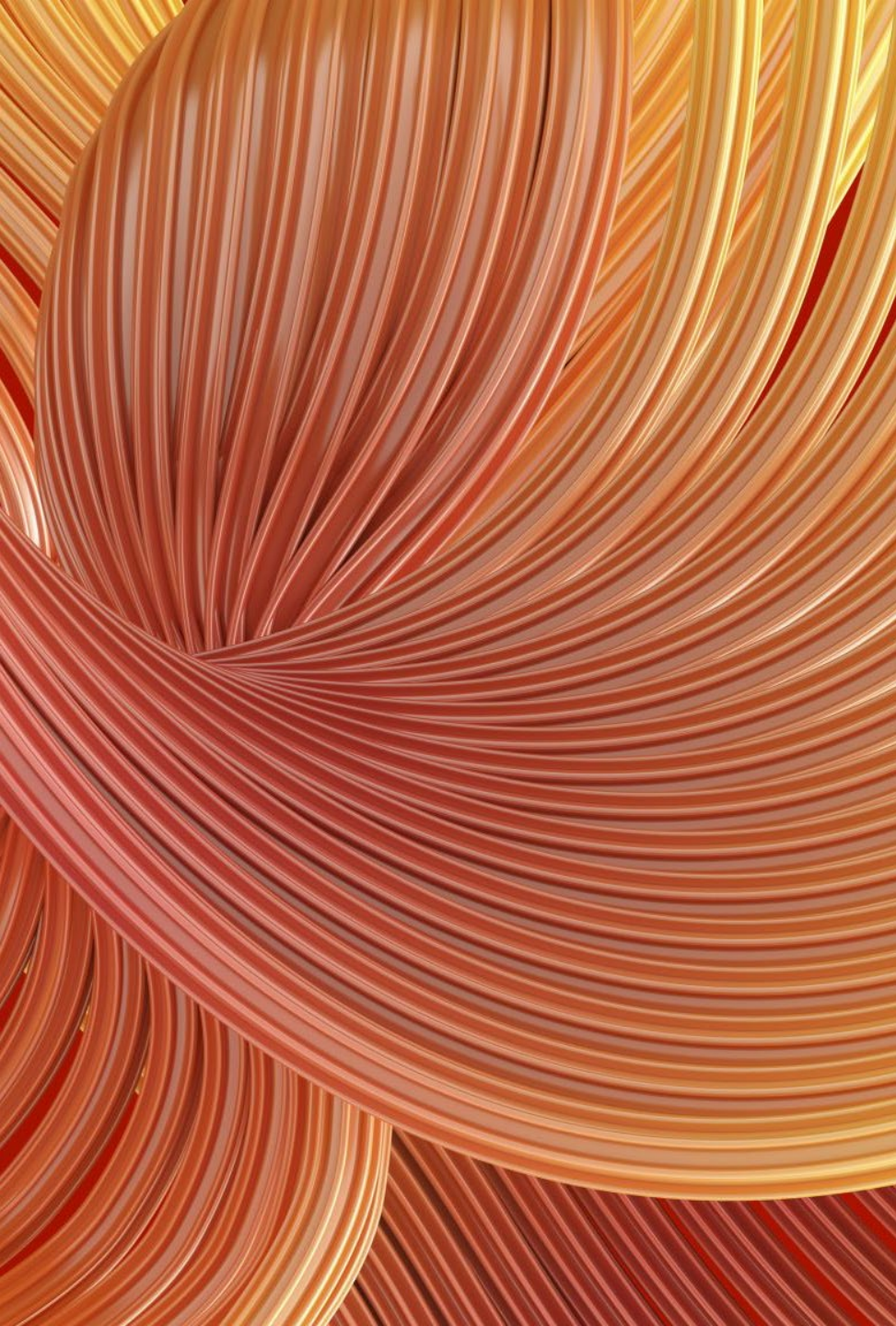
Several hundred
to
several thousand
participants

4

Even after medicines are approved for use, you can continue to participate in long-term clinical studies designed to better understand the effects of the approved medicine over time.



Typically
several thousand
participants



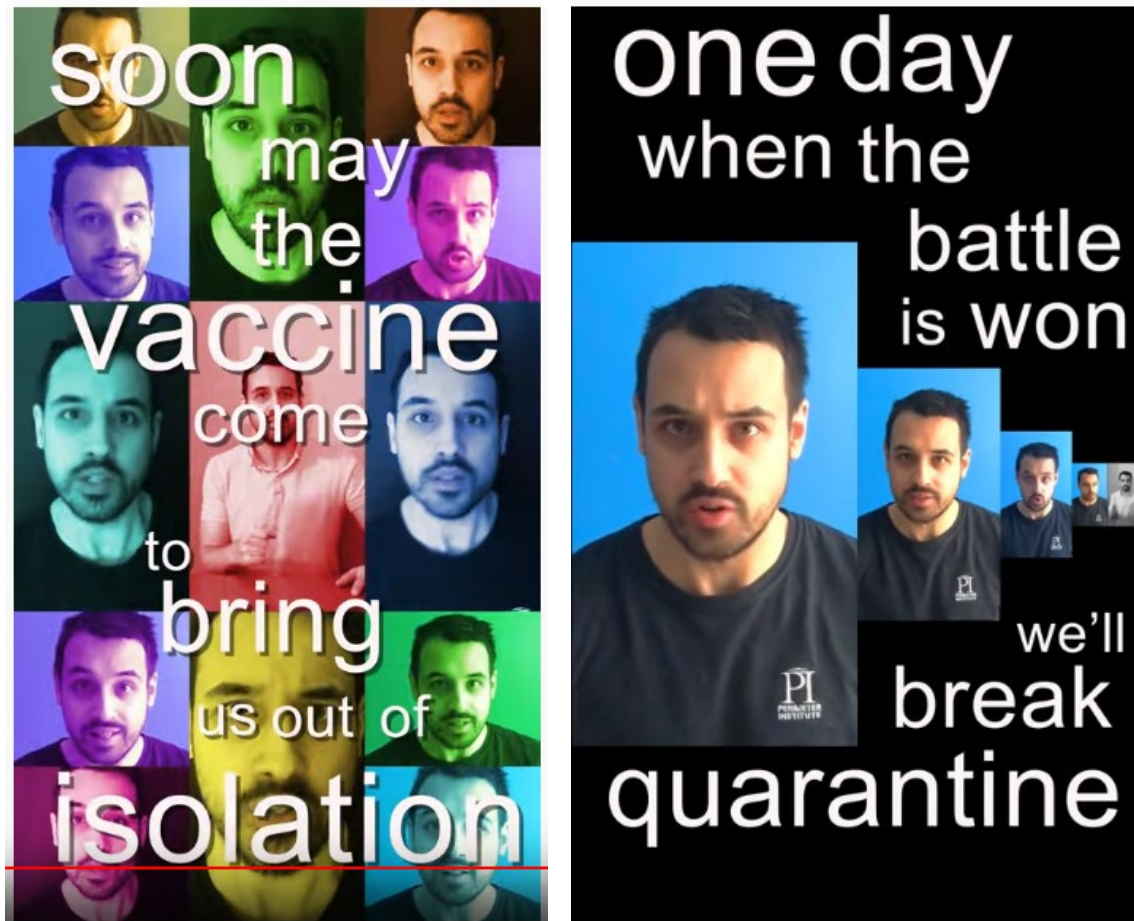
Three Vaccines Authorized by FDA under either an Emergency Use Authorization or Full FDA approval

COMIRNATY (COVID-19 vaccine) / Pfizer-BioNTech COVID-19 vaccine (mRNA)

Moderna COVID-19 vaccine (mRNA)

Janssen COVID-19 vaccine (Johnson & Johnson) (viral vector)

You are wonderfully made



Video: Bley, Tim 2021 used by permission

1. Penn Study Details Robust T-Cell Response to mRNA COVID-19 Vaccines—a More Durable Source of Protection

- <https://youtu.be/6EV4hQzCbJA>

- COVID-19 vaccines give your immune system the key code to protect you against the SARS-CoV-2 virus
- After vaccination or infection your immune cells called B cells living in your bone marrow recognize SARS-CoV-2 and can secrete antibodies when you are under attack.
- Immune system's T-cells also protect you after vaccination or infection – called “The heavy armor of the immune system”
- T-cells respond in the weeks after mRNA vaccination
- Includes T-cell types normally elicited by natural infection
- For people who haven't had COVID-19, the first dose powerfully primes the pump, and the second dose turns on the whole engine”¹

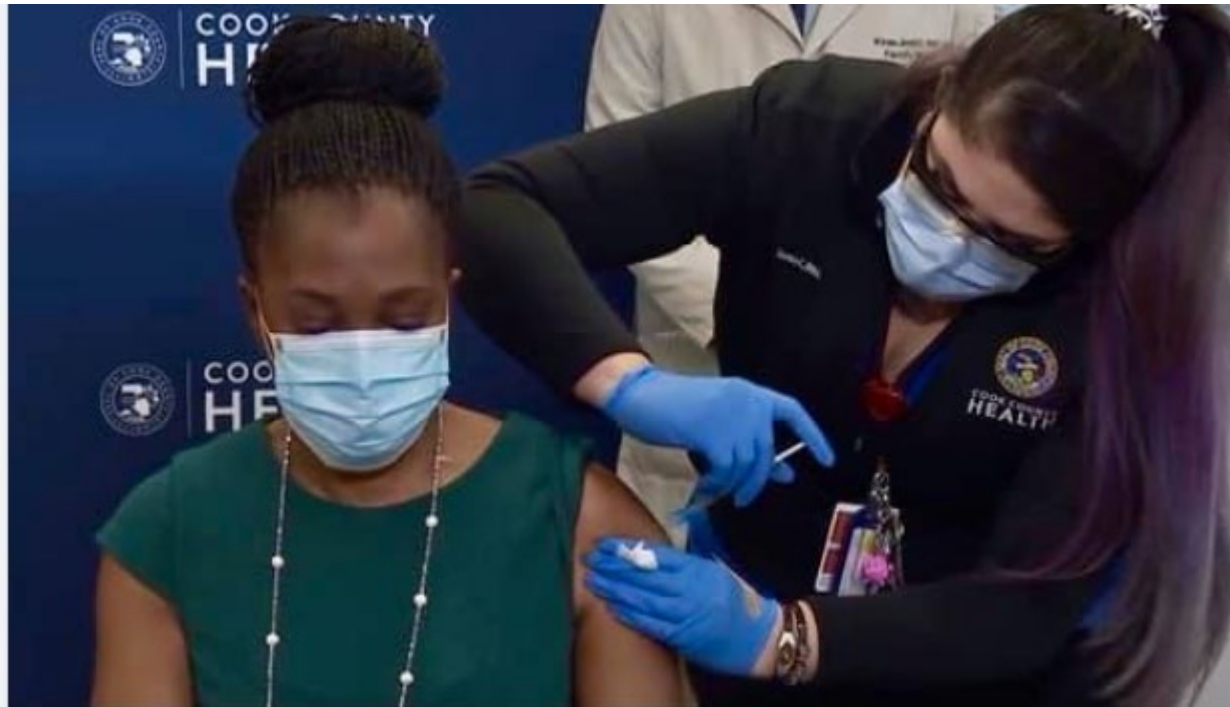
**Nursing home staff
are on the **FRONT LINES**
with their residents every day**

**Protected staff means
PROTECTED RESIDENTS
and a protected community**

<https://youtu.be/k0WbAhveyDY>



CMSHHSgov 
59.4K subscribers



Governor JB Pritzker ✓

18h · 🌐

The COVID-19 vaccines are a safe and effective way to get us all a little closer to the other side of this pandemic.

Today, I'm proud to see [Illinois Department of Public Health \(IDPH\)](#) Director Dr. Ezike continue to lead the way by getting vaccinated!
[#VaxUpIL](#)

SHARE
TWEET
EMAIL

COVID-19 VACCINE

Rev. Jesse Jackson gets Pfizer COVID vaccine; health officials hope it inspires minority groups

By John Garcia

Friday, January 8, 2021 7:05PM



[#VaxUpIL](#). So thankful and happy!!!! One of the best Christmas presents ever!!!



Definition: Fully Vaccinated

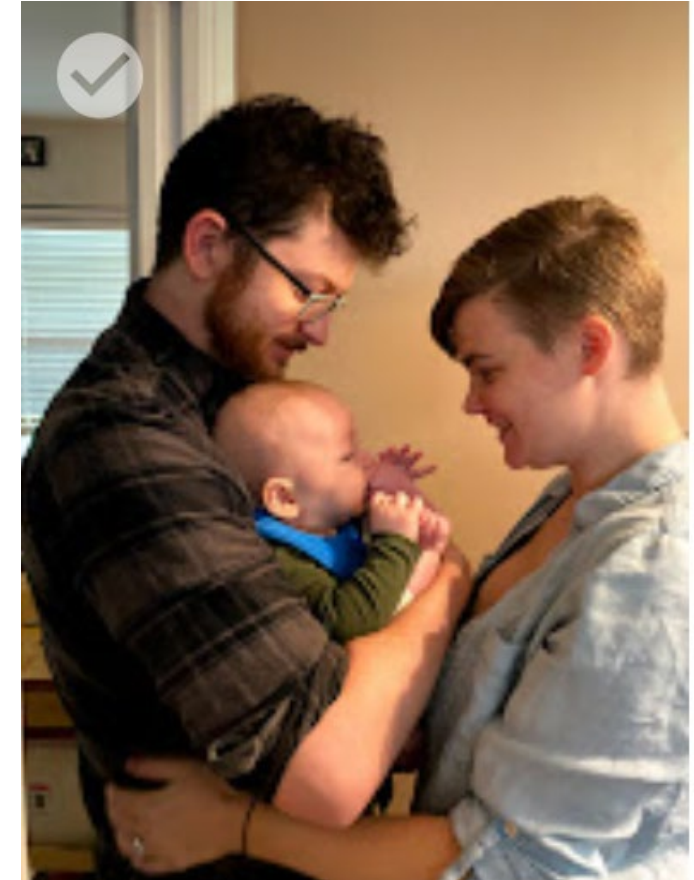
- The CDC defines people who are fully vaccinated as those who are two weeks past their second dose of the Moderna and Pfizer COVID-19 vaccine or two weeks past a single dose of the Johnson & Johnson vaccine.



American College of Obstetrics and Gynecology Urges COVID-19 Vaccination



- Recommends that pregnant and breastfeeding people receive a COVID-19 vaccine or vaccine series
- A pregnancy test is not necessary prior to being vaccinated.
- Claims linking COVID-19 vaccines to infertility are unfounded and have no scientific evidence supporting them
- Pregnant and recently pregnant people are more likely to get severely ill from COVID-19 compared to non-pregnant people
- Pregnant people with COVID-19 are more likely to experience preterm birth (delivering the baby earlier than 37 weeks) and might be more likely to have other poor outcomes related to pregnancy compared to pregnant people without COVID-19



CDC Update on COVID-19 Vaccination during Pregnancy: Key Messages and Talking Points for Partners

COVID-19 vaccination is recommended for all people aged 12 years and older, including people who are pregnant, breastfeeding, trying to get pregnant now, or might become pregnant in the future. Pregnant and recently pregnant people are more likely to get severely ill with COVID-19 compared with non-pregnant people. Getting a COVID-19 vaccine during pregnancy can protect you from severe illness from COVID-19.





General Vaccine Administration

Vaccine Side Effects

- Yes, your arm will probably become sore. It usually goes away in a few days
- Fever, chills, and aches are also common
- You may feel tired
- You may get a headache, muscle pains
- You may get nauseated
- What you are feeling is your own immune response, your body working to protect you

Rare Side Effects

- Signs of a severe allergic reaction can include: Difficulty breathing, Swelling of your face and throat, A fast heartbeat, A bad rash all over your body, Dizziness and weakness
- Myocarditis (inflammation of the heart muscle) and pericarditis (inflammation of the lining outside the heart) have occurred in some people who have received the vaccine
- Symptoms began within a few days following receipt of the second dose of vaccine. Seek medical attention right away if you have any of the following symptoms after receiving the vaccine:
 - Chest pain
 - Shortness of breath
 - Feelings of having a fast-beating, fluttering, or pounding heart
- If you experience a severe allergic reaction, call 9-1-1, or go to the nearest hospital. Call the vaccination provider or your healthcare provider if you have any side effects that bother you or do not go away
- These side effects are rare

Contraindications

You should not get the vaccine if you

- had a severe allergic reaction after a previous dose
- had a severe allergic reaction to any ingredient of the vaccines

Discuss with your healthcare provider or your pharmacist

Think about this: Over 6 billion doses given

Our World
in Data

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Statistics and Research

Coronavirus (COVID-19) Vaccinations

[Home](#) > [Coronavirus](#) > [Vaccinations](#)

47.6% of the world population has received at least one dose of a COVID-19 vaccine.

6.54 billion doses have been administered globally, and **23.41 million** are now administered each day.

Only **2.5%** of people in low-income countries have received at least one dose.

Our international COVID-19 vaccination [dataset](#) is updated each morning (London time), with data up to the previous day. Last update: **15 hours ago**. [Reuse our work freely](#) [Cite this research](#)

We Protect Immunocompromised Persons When We Get Vaccinated

- Limited data on vaccine protection in people who are immunocompromised
- Cancer chemotherapy
- Hematologic malignancies
- Within one year from receiving a hematopoietic stem cell or solid organ transplant
- Untreated HIV infection with CD4 T lymphocyte count < 200, combined primary immunodeficiency disorder, and
- Immunosuppressive medications (e.g., drugs to suppress rejection of transplanted organs or to treat rheumatologic conditions such as mycophenolate and rituximab, receipt of prednisone >20mg/day for more than 14 days)
- Healthcare facilities should continue to follow the infection prevention and control recommendations for unvaccinated individuals (e.g., quarantine, testing)



How Do We Know Vaccines Work to Reduce Severe Illness and Death

Thank you for reading

As a public service, the Daily Herald is temporarily removing the paywall from most coronavirus stories. We rely on the support of our subscribers to underwrite the cost of our journalism.

[Subscribe](#) or [login](#)

Nearly one in 12 Illinois residents have had one dose of COVID-19 vaccine

The Washington Post
Democracy Dies in Darkness

Coronavirus U.S. map World map Vaccine tracker Vaccine FAQ Variants FAQ Coronavirus Living Symptoms

Health

At least
42.8 million
people have received one or both doses of the vaccine in the U.S.

This includes more than **17.9 million** people who have been fully vaccinated.
75 million doses have been distributed.

Chicago Tribune



QUESTIONS? CALL 1-800-TRIBUNE

SUNDAY, FEBRUARY 21, 2021

BREAKING NEWS AT CHICAGOTRIBUNE.COM

10 Chicago Tribune | Section 1 | Sunday, February 21, 2021

Far fewer COVID-19 deaths in nursing homes

Residents, workers were prioritized by state for vaccines

BY JOE MAHER
Chicago Tribune

In another promising sign Illinois is beating back the COVID-19 pandemic, cases and deaths at Illinois long-term care facilities have dropped to levels not seen since late summer, according to state data released Friday.

Following weeks of focused vaccination of long-term care residents and workers, the state reported 33 residents died from the virus over the past week. That's the lowest reported tally since mid-August and exponentially lower than the 650 weekly deaths reported in early December.

Long-term care residents not only have seen a sizable drop in the number of deaths, they also now make up a far smaller share of those who are dying of COVID-19 each week — going from roughly half or more of these deaths in Illinois to near 10% now.

Long-term care residents were among the first groups prioritized for vaccination, and advocates for seniors and industry officials credit the vaccines for reducing the virus's toll in long-term care facilities. But both groups cautioned that the pandemic remains far from over.



ANTONIO PEREZ/CHICAGO TRIBUNE

Dino Franceschini receives his COVID-19 vaccine at Caledonia Senior Living and Memory Care in North Riverside on Jan. 12.

"Two months of steady declines in the number of new coronavirus cases and deaths among our residents is proof positive that the vaccine works. We will not

wonder, but cases in the state's long-term care facilities didn't crest until a month later, state data shows.

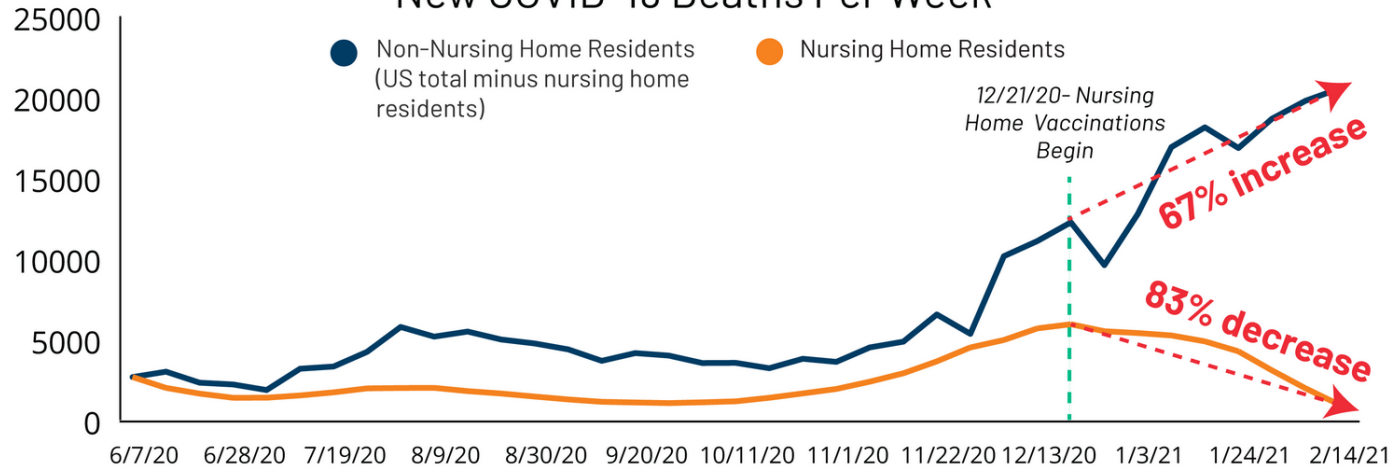
Vaccinations began

ment and governor's office did not respond to questions about whether that goal was met. State data shows that, as of Friday, more than 270,000 doses had been

records request for such data, and the state hasn't answered repeated questions about its delay in responding. The state also did not

Weekly COVID-19 Nursing Home Resident and Non-Nursing Home Resident Deaths in the US, June 2020 – February 2021

New COVID-19 Deaths Per Week



NOTES: Nursing home deaths include resident deaths only. Non-nursing home resident deaths calculated as total US deaths minus nursing home resident deaths. Nursing home staff deaths are included in "Non-nursing home resident" values. SOURCES: Nursing home resident deaths are from CMS COVID-19 Nursing Home Data, as of the week ending on 2/14/2021. US weekly deaths data is based on analysis of COVID Tracking Project data.

With Rise in Vaccinations, Covid Cases Plunge

Since late December, when vaccinations began, new weekly positive covid test results among nursing home residents and staff members have fallen by 89% and 83%, respectively.

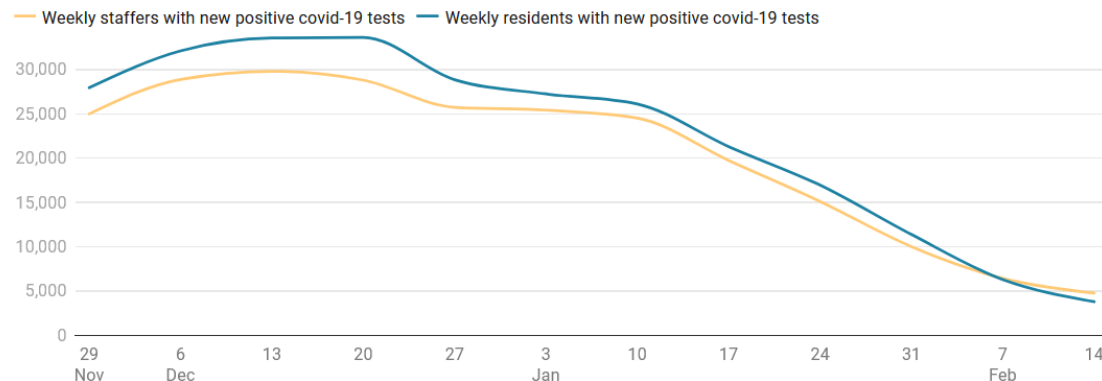


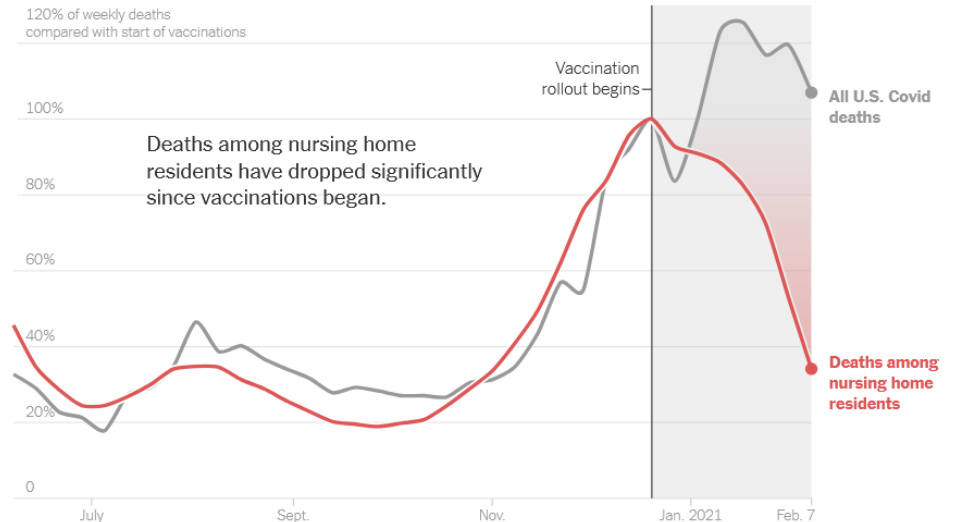
Chart: Hannah Norman/KHN • Source: Centers for Medicare & Medicaid Services • [Embed](#)

Vaccine Effectiveness

The New York Times

Nursing Homes, Once Hotspots, Far Outpace U.S. in Covid Declines

By Matthew Conlen, Sarah Mervosh and Danielle Ivory Feb. 25, 2021



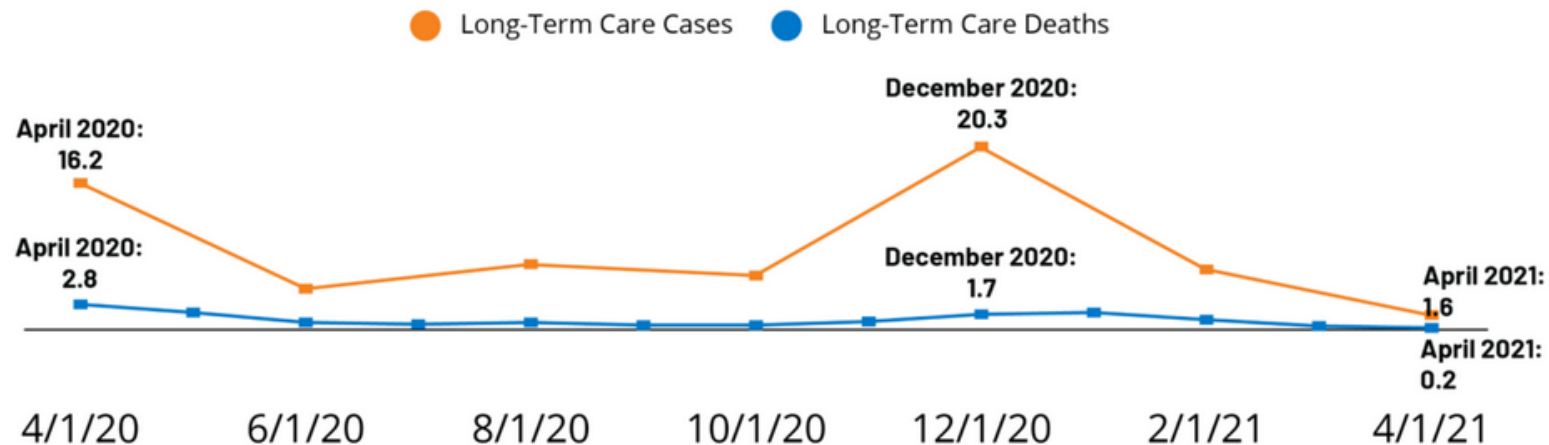
Source: [New York Times database](#); U.S. Department of Health and Human Services • Data shown is normalized compared with the weekly deaths for the week ending Dec. 20, 2020 and is through Feb. 7.



LTCF Deaths at a New Low!! Vaccination Works!

Long-Term Care Deaths and Cases Are At An All-Time Low

Average Weekly Long-Term Care COVID-19 Deaths and Cases Per 100,000 State Residents

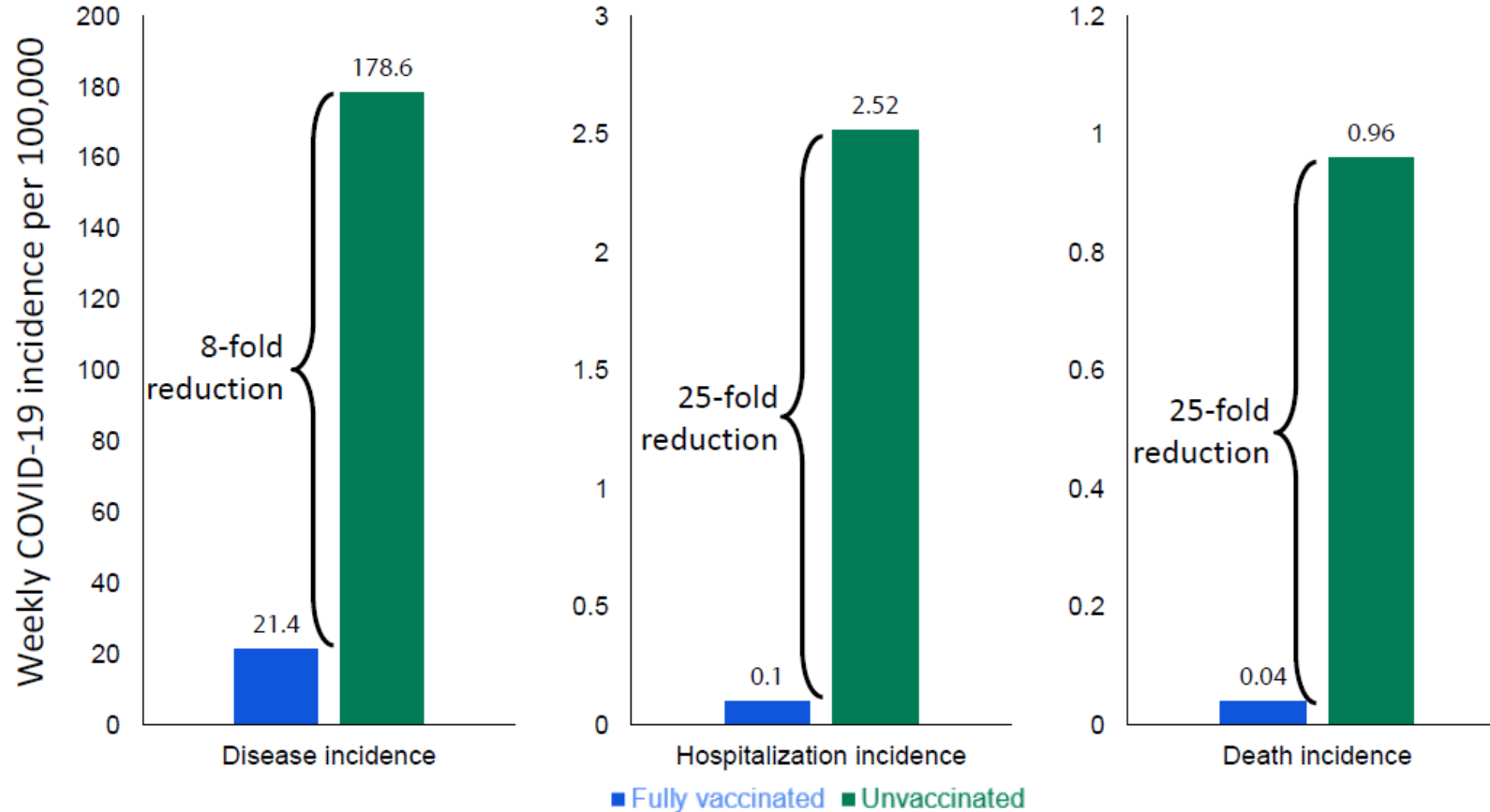


SOURCE: KFF analysis of state reports, state dashboards, press releases, press conferences, official state data from news reports, and the COVID Tracking Project. State population data is from 2019 US Census Bureau Estimates.

KFF

<https://www.kff.org/coronavirus-covid-19/issue-brief/covid-19-long-term-care-deaths-and-cases-are-at-an-all-time-low-though-a-rise-in-ltc-cases-in-a-few-states-may-be-cause-for-concern/>

Greater risk of disease, hospitalization and death among unvaccinated vs. vaccinated people: National estimates



**At current incidence,
35,000 symptomatic
infections per week
among 162 million
vaccinated Americans**

Data from COVID Tracker as of July 24, 2021. Average incidence 100 cases per 100,000 persons per week. Vaccine effectiveness against symptomatic illness = 88% (Lopez Bernal et al. [NEJM 2021](#)), where risk is $[1 - VE]$ or 12%. Vaccine effectiveness hospitalization (or death) = 96% (Stowe et al. [PHE preprint](#)), where risk is $[1 - VE]$ or 4%. Rate in unvaccinated = Community rate/ $[(1 - \text{fully vaccinated coverage}) + (1 - VE) * \text{fully vaccinated coverage}]$. Rate in fully vaccinated = $(1 - VE) * \text{Rate in unvaccinated}$. Fully vaccinated coverage proportions were from COVID Data Tracker as of July 24, 2021 (50% for US).

Morbidity and Mortality Weekly Report ([MMWR](#))

CDC



SARS-CoV-2 Infections and Hospitalizations Among Persons Aged ≥ 16 Years, by Vaccination Status — Los Angeles County, California, May 1–July 25, 2021

- Only 3.2% of fully vaccinated persons infected with SARS-CoV-2 were hospitalized
- Less than 1% of fully vaccinated persons required ICU (0.5%) or mechanical ventilation (0.2%)
- 1,431 (3.3%) were in partially vaccinated persons
- **30,801 (71.4%) were in unvaccinated persons**

Vast majority of ICU patients with COVID-19 are unvaccinated, ABC News survey finds

Hospitals report few fully vaccinated people are sick with COVID-19 in the ICU.

By Dr. Mark Abdelmalek, Arielle Mitropoulos, and Erica Baumgart

July 29, 2021, 12:13 PM • 11 min read



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Hot Topics Tokyo Olympics: Suni Lee wins gold on Day 6

CORONAVIRUS · Published July 15

Over 90% of Mississippi's COVID-19 cases among unvaccinated people, gov warns

FOX 13

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Tampa General Hospital beds filling with unvaccinated COVID-19 patients

FOX 11

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ICU doctor says turning down COVID-19 vaccine is 'playing Russian roulette' with your life

By Koco McAbey | Published July 19 | Coronavirus Vaccine | FOX 11



Illinois Department of Public Health (IDPH) ✓

45m · 🌐



Avoid severe illness, hospitalization, and death by getting your COVID-19 vaccination. Visit vaccines.gov to learn more.



COVID-19 Hospitalization Rates

As of 7/18/2021

- 96% of the individuals currently hospitalized are unvaccinated
- 12% of individuals currently hospitalized are under the age of 30
- 43% of individuals currently hospitalized are aged 30-59



Find your nearest vaccination location at vaccines.gov

COVID-vaccines are safe, effective, and prevent severe illness and hospitalization

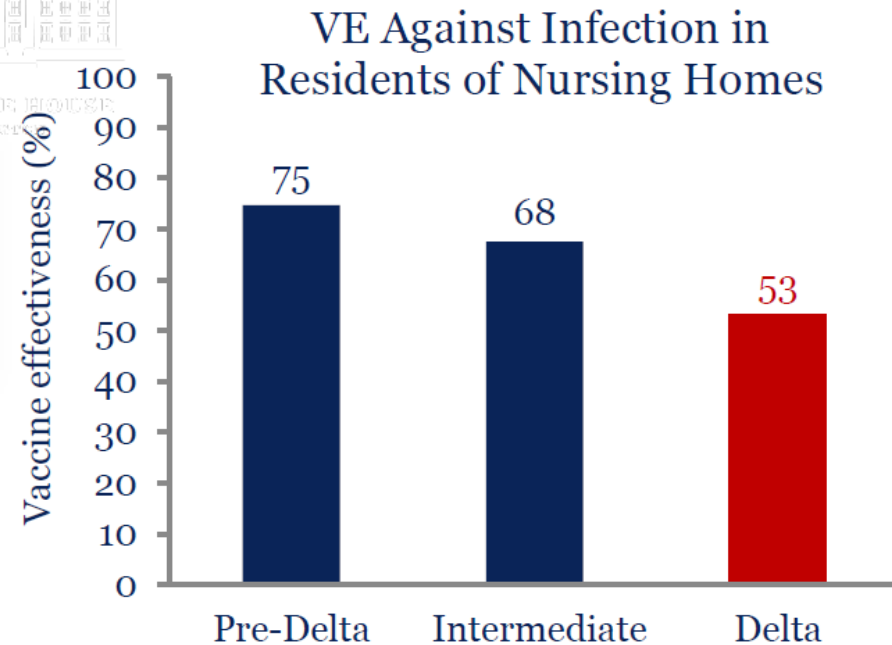
Delta Variant has changed the game



Effectiveness of Pfizer-BioNTech and Moderna Vaccines in Preventing SARS-CoV-2 Infection Among Nursing Home Residents Before and During Widespread Circulation of the SARS-CoV-2 B.1.617.2 (Delta) Variant — National Healthcare Safety Network, March 1–August 1, 2021

Srinivas Nanduri, MD^{1,*}; Tamara Plishvili, PhD^{1,*}; Gordana Derado, PhD¹; Minn Minn Soe, MBBS¹; Philip Dollard, MPH¹; Hsin Wu, MD¹; Qunna Li, MSPH¹; Suparna Bagchi, DrPH¹; Heather Dubendris, MSPH^{1,2}; Ruth Link-Gelles, PhD¹; John A. Jernigan, MD¹; Daniel Budnitz, MD¹; Jenetta Bell, MD¹; Andrea Benin, MD¹; Nong Shang, PhD¹; Jonathan R. Edwards, MSc¹; Jennifer R. Verani, MD^{1,*}; Stephanie J. Schrag, DPhil^{1,*}

- Nursing homes: Reported weekly case counts of new laboratory-confirmed SARS-CoV-2 infections among nursing home residents and staff by vaccination status from February 15 through August 1

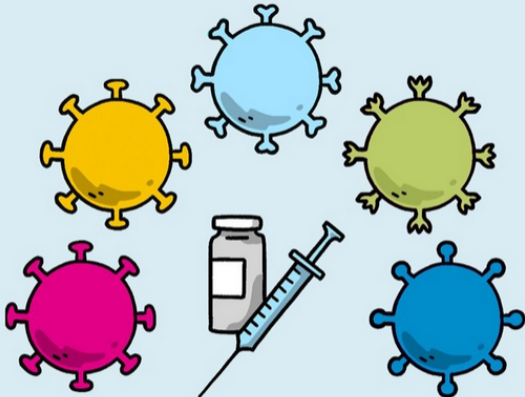


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The effects of virus variants on COVID-19 vaccines

1 March 2021

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<https://www.who.int/news-room/feature-stories/detail/the-effects-of-virus-variants-on-covid-19-vaccines>

Change Messaging of Vaccine Administration

- “We could have done a much better job at setting realistic expectations for this vaccine,” said Paul A. Offit, a pediatrician and vaccine expert at Children’s Hospital of Philadelphia. “And I think that’s hurt us. Because I think people get disappointed. They think the vaccine isn’t working.” (Washington Post, August 17, 2021)
- Move from vaccine prevents all illness to vaccines reduce hospitalizations and deaths.

Provide a facility level process for healthcare personnel to discuss vaccine questions

- Provided education 1:1, staff meetings
- Open office times by leadership
- Staff champions
- Spent a significant amount of time on the “why”
- Partner with vaccinated staff and residents, resident families, Medical Director

How Do You Determine specific vaccine barriers in your care community, including hesitancy and misinformation?

- Talk to people!!!!
- Promote COVID-19 vaccine by providing educational information to the employees
- Utilize text messages, emails, and flyers
- One-on-one conversations are the best way to address concerns that were causing vaccine hesitancy

Be Kind: Needle Fear is Real

- The majority of children exhibited needle fear
- 20-50% in adolescents
- 20-30% in young adults
- Avoidance of influenza vaccination because of needle fear occurred in 16% of adult patients, 27% of hospital employees, 18% of workers at long-term care facilities, and 8% of healthcare workers at hospitals
- Needle fear was common when undergoing venipuncture, blood donation, and in those with chronic conditions requiring injection

McLenon J, Rogers MAM. The fear of needles: A systematic review and meta-analysis. J Adv Nurs. 2019 Jan;75(1):30-42. doi: 10.1111/jan.13818. Epub 2018 Sep 11. PMID: 30109720.

How children and adults can overcome needle phobia

By: Katie Kerwin McCrimmon, UCHealth | June 2, 2021

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<https://www.uchealth.org/today/how-children-and-adults-can-overcome-needle-phobia/>

- “Many people want the protection of the COVID-19 vaccine but are afraid to get shots because they suffer from needle phobia or fear of needles.
- Needle phobia is quite common. But, the good news is that both children and adults can get help dealing with their fears.
- Some people can overcome their needle phobia after just a few sessions with a behavioral health expert.
- For others, simple calming strategies can make it easier and less frightening to get vaccines.”

CDC Director Backs COVID Booster Plan And Makes An Additional Recommendation

September 24, 2021 · 2:52 AM ET

THE ASSOCIATED PRESS



Decision aligns with an FDA Pfizer booster authorization decision earlier this week.

In a pandemic, even with uncertainty, we must take actions that we anticipate will do the greatest good.”
CDC Director Dr. Rochelle Walensky



Who is eligible for a booster after 6 months?

Pfizer vaccine recipients who are:

- 65 years and older
- Long-term care residents and staff
- 18+ who have underlying medical conditions including asthma, diabetes, obesity
- 18+ who work and live in high-risk settings including healthcare workers, teachers, grocery store workers

*Guidance for Moderna and J&J vaccine recipients forthcoming

CDC.gov





**Implement a process that attains maximum
vaccination of both residents and staff**

Ongoing Vaccination

Local pharmacies, health department clinics, hospitals, other community sites

LTC pharmacies enrolled as COVID-19 vaccine providers with the [federal retail pharmacy partnership](#)

-

LTC pharmacies enrolled as COVID-19 vaccine providers through State of Illinois

-

<https://www.cdc.gov/vaccines/covid-19/long-term-care/pharmacy-partnerships-access.html>

https://www.cdc.gov/vaccines/covid-19/training-education/index.html

Centers for Disease Control and Prevention
CDC 24/7: Saving Lives, Protecting People™


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Training and Education



Importance of trained healthcare professionals

A large number of healthcare professionals are needed to support COVID-19 vaccination efforts nationwide. These healthcare professionals are essential to ensuring the American population is vaccinated safely as soon as possible. They play critical roles in proper vaccine storage, handling, preparation, and administration, and they must be prepared to respond to vaccine recipients' questions and concerns. It is important these healthcare professionals receive the training needed to effectively meet the demands of their roles. Training must be ongoing as new COVID-19 vaccines become available and as vaccine recommendations evolve when we learn more about the vaccines and how to

Become a Vaccinator

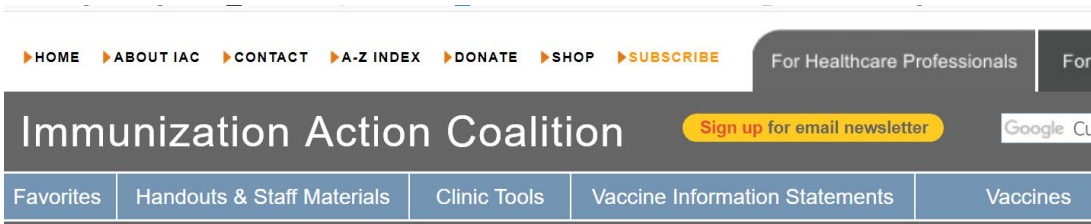


Become a COVID-19 vaccine provider. [Check your eligibility](#)

CDC Training For Vaccinators

- <https://www.cdc.gov/vaccines/covid-19/training-education/index.html>

Vaccinations



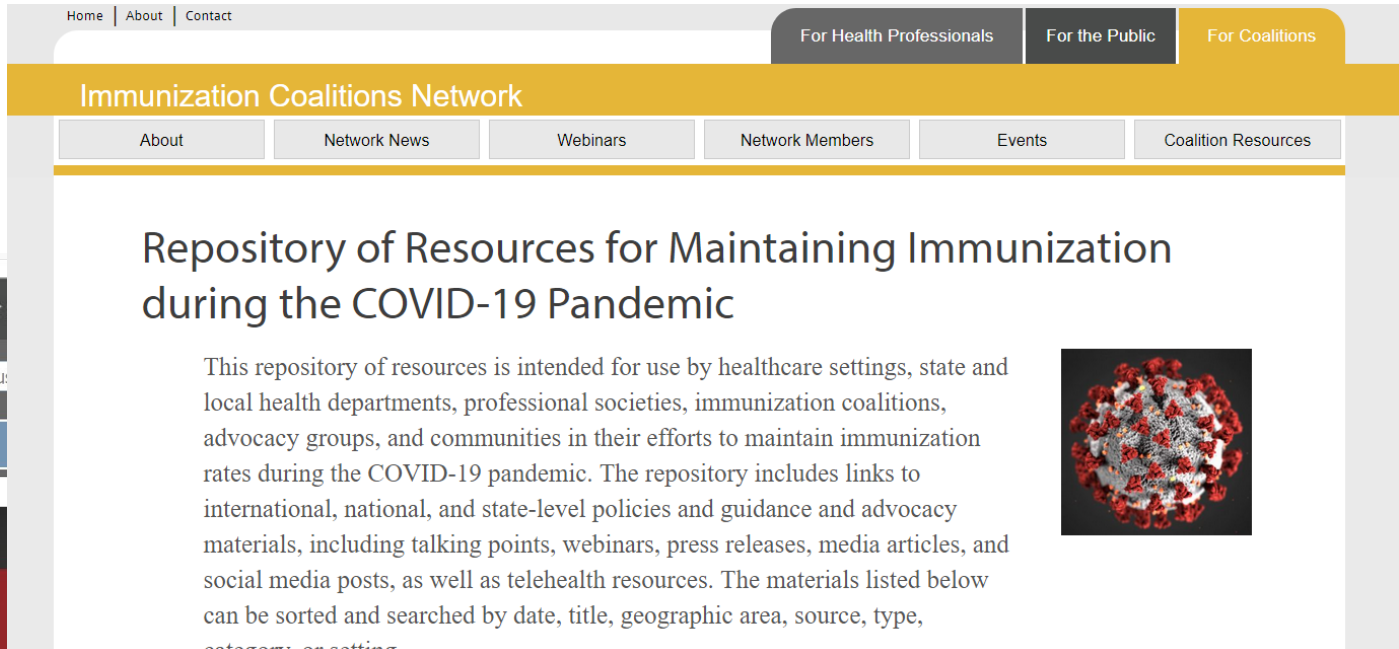
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Ask the Experts

IAC experts answer your immunization questions

How serious are measles, mumps, and rubella? Which influenza vaccine can we give to children? Can Tdap be administered to pregnant women? Can a 30-year-old female patient insist that she wants to receive HPV vaccine? I give it to her? Can you catch zoster from a person with active zoster infection?

Answers from IAC experts to more than 1,000 questions about vaccines and their use

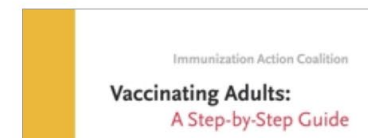


IAC Home | Vaccinating Adults: A Step-by-Step Guide

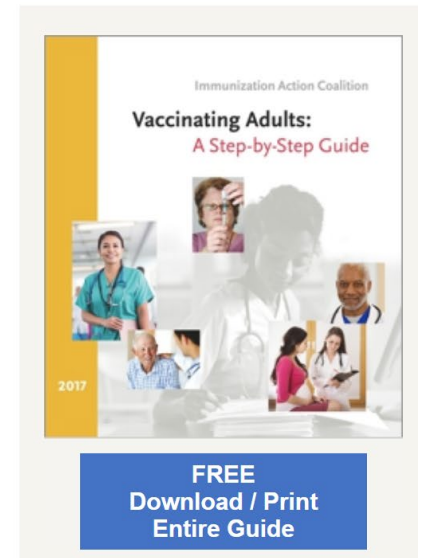
Vaccinating Adults: A Step-by-Step Guide

A comprehensive, easy-to-use "how-to" guide for vaccinating adults

AVAILABLE FOR
DOWNLOAD



Vaccinating Adults: A Step-by-Step Guide provides 142 pages of practical information in an easy-to-use format to help you implement or enhance adult immunization services in your healthcare setting. The *Guide* also includes an abundance of web addresses and references to assist you in staying up to date with the most current information. Developed by staff at the Immunization Action Coalition, the *Guide* had several early reviews for technical accuracy by subject matter experts at the Centers for Disease Control and Prevention and the National Vaccine Program Office.



<https://www.immunize.org/>



In Summary

- Talk to your healthcare provider
- Talk to vaccinated co-workers and friends
- Talk to your employer
 - Department Head
 - Supervisor
 - Human Resources
- Talk to your local health department
- Reach out to us at IDPH

Open Q&A

THANK YOU!!!

Submit questions via Q&A pod

Slides and recording will be made available after the session.