



## Coronavirus Disease 2019 (COVID-19)

**CDC COVID-19 Partner Update Call: Vaccinate Update in the Fight Against COVID-19**

**Monday, October 4, 3PM EDT**

<1

00:00:00,466 --> 00:00:01,186

>> Hello, everyone.

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00:00:01,186 --> 00:00:04,476

My name is Tochukwu Igbo, and

I would like to welcome you

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00:00:04,476 --> 00:00:09,436

to today's CDC Partner Update Call on COVID-19.

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00:00:10,266 --> 00:00:16,086

This call serves as a way for CDC to share

updates on COVID-19 and our latest resources

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00:00:16,086 --> 00:00:20,066

and guidance and to answer

questions submitted by participants.

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00:00:20,186 --> 00:00:28,846

On today's call, we will share information on vaccine update in the fight against COVID-19.

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00:00:28,846 --> 00:00:32,496

First, we will hear from the Deputy Chief Medical Officer,

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00:00:32,496 --> 00:00:38,076

CDC's COVID-19 Emergency Response, who will describe where we are with the response

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00:00:38,166 --> 00:00:41,346

and give us insight into recent scientific findings.

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00:00:41,796 --> 00:00:46,386

Then we will hear from the vaccine taskforce co-lead who will be sharing information

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00:00:46,386 --> 00:00:50,756

on the vaccine as we work through the ever-evolving COVID-19 pandemic.

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00:00:50,866 --> 00:00:56,696

Afterwards, our speakers will answer questions we've received over the last week via email.

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00:00:57,636 --> 00:01:02,436

If you experience technical difficulties or otherwise would like to review today's call,

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00:01:02,586 --> 00:01:08,806

you could find the recording on cdc.gov and YouTube in 8 to 10 days.

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00:01:09,036 --> 00:01:12,606

All past partner calls can be found there, so please take time

16

00:01:12,606 --> 00:01:14,396

to review and share prior recordings.

17

00:01:14,576 --> 00:01:20,296

For more information about these webinars, visit our COVID-19 partner calls web page

18

00:01:20,636 --> 00:01:25,176

where you can register for future partner calls and see recordings of previous webinars.

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00:01:25,286 --> 00:01:28,806

If this is your first webinar with us, welcome.

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00:01:29,356 --> 00:01:34,066

Please see the link in the chat to subscribe  
and receive future call invitations.

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00:01:35,206 --> 00:01:38,486

Please note this call is not intended for media,

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00:01:38,876 --> 00:01:41,556

although we welcome the media  
who may be here today.

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00:01:41,916 --> 00:01:48,976

Should you be a reporter and have questions,  
we invite you to reach out to [media@cdc.gov](mailto:media@cdc.gov).

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00:01:49,036 --> 00:01:52,156

Again, that's [media@cdc.gov](mailto:media@cdc.gov).

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00:01:52,466 --> 00:01:54,656

Next slide, please.

26

00:01:58,006 --> 00:02:02,926

These calls are designed to share the latest

science, guidance and resources from CDC.

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00:02:03,526 --> 00:02:08,996

CDC has issued thousands of resources and guidance materials for individuals, businesses

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00:02:08,996 --> 00:02:12,606

and the public on our website, [cdc.gov](https://www.cdc.gov).

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00:02:13,486 --> 00:02:17,936

Here are some highlights; we'll be providing links to these in the chat as well.

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00:02:17,936 --> 00:02:21,976

First, the COVID Data Tracker Weekly Review.

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00:02:22,176 --> 00:02:27,536

This webpage and newsletter highlights key data from CDC's COVID Data Tracker,

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00:02:27,886 --> 00:02:32,726

narrative interpretation of the data and visualizations from the week.

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00:02:32,726 --> 00:02:37,756

As highlighted in the name, the review is updated weekly and summarizes important trends

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00:02:37,966 --> 00:02:43,036

in the pandemic and brings together CDC data and reporting in centralized location.

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00:02:43,466 --> 00:02:49,226

It represents the extensive data that CDC uses to track the pandemic on a daily basis,

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00:02:49,226 --> 00:02:55,756

specific information that can be found via the COVID Data Tracker Weekly Review; includes state

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00:02:55,756 --> 00:03:00,606

and territory data; and variants, reported cases, testing,

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00:03:00,836 --> 00:03:03,826

vaccinations, hospitalizations and deaths.

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00:03:04,366 --> 00:03:10,546

Second, studies show that after getting vaccinated against COVID-19 protection

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00:03:10,546 --> 00:03:15,956

against the virus may decrease over time and be less able to protect against the Delta variant.

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00:03:16,456 --> 00:03:21,696

Although COVID-19 vaccination for adults age 65 years and older remains effective

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00:03:21,696 --> 00:03:27,016

in preventing severe disease, recent data suggests vaccination is less effective

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00:03:27,156 --> 00:03:31,336

at preventing infection [inaudible] illness with symptoms.

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00:03:32,056 --> 00:03:36,066

Emerging evidence also shows that among healthcare other frontline workers,

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00:03:36,336 --> 00:03:40,796

vaccine effectiveness against COVID-19 infections is decreasing over time.

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00:03:41,236 --> 00:03:46,176

This lower effectiveness is likely due to the combination of decreasing protection

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00:03:46,176 --> 00:03:51,546

as time passes since getting vaccinated, example of waning immunity,

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00:03:51,546 --> 00:03:54,356

as well as the great infectiousness of the Delta variant.

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00:03:55,616 --> 00:03:57,606

Vaccines are now widely available.

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00:03:57,606 --> 00:04:01,296

In most cases, you do not need -- you do need an appointment.

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00:04:01,676 --> 00:04:04,396

Do not wait for a specific brand.

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00:04:04,396 --> 00:04:08,326

Learn how to find a COVID-19 vaccine so you can get it as soon as you can.

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00:04:08,956 --> 00:04:13,776

All currently authorized and recommended COVID-19 vaccines are safe.

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00:04:13,776 --> 00:04:17,496

They are effective and reduce your risk of severe illness.

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00:04:18,106 --> 00:04:21,226

CDC does not recommend one vaccine over another.

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00:04:21,776 --> 00:04:27,796

People with moderately to severely compromised immune systems should receive an additional dose

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00:04:27,996 --> 00:04:33,046

of mRNA COVID-19 vaccine after the initial two doses.

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00:04:33,046 --> 00:04:39,826

With that said, now I'm going to turn it over to Dr. Cope with some general COVID-19 updates.

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00:04:40,016 --> 00:04:40,716

Dr. Cope.

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00:04:42,666 --> 00:04:46,186

>> Thank you, Igbo, and welcome to everyone joining us today.

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00:04:46,186 --> 00:04:48,396

I'm Dr. Jennifer Cope.

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00:04:48,686 --> 00:04:54,956

And, as mentioned, I am the Deputy Chief Medical Officer for CDC's COVID-19 Emergency Response.

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00:04:55,446 --> 00:05:00,386

Today I'd like to provide a brief situational update and then review some

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00:05:00,386 --> 00:05:03,516

of the latest scientific reports from CDC.

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00:05:04,116 --> 00:05:07,256

So, for the numbers, we have some good news.

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00:05:07,256 --> 00:05:12,696

We've been seeing a consistent decline in cases over the past several weeks.

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00:05:13,516 --> 00:05:19,296

Deaths usually lag behind case counts, but we are now seeing a decrease in deaths as well.

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00:05:20,556 --> 00:05:26,326

As of October 3, compared to the last week, this week, the seven day average number

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00:05:26,326 --> 00:05:33,816

of cases decreased by 10% to approximately 103,000 cases per day.

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00:05:34,176 --> 00:05:40,576

And the seven day average number of deaths decreased by 2% to about 1500 per day.

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00:05:41,066 --> 00:05:45,386

Decreasing numbers suggests that the increase in vaccinations as well

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00:05:45,386 --> 00:05:51,676

as community mitigation activities such as masks, physical distancing and avoiding crowds

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00:05:51,676 --> 00:05:55,136

and poorly ventilated indoor spaces have contributed

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00:05:55,136 --> 00:05:58,056

to the decrease in the spread of COVID-19.

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00:05:58,416 --> 00:06:06,296

On the far right of the slide, we have our vaccine vaccination numbers.

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00:06:06,586 --> 00:06:12,026

We see that over 395 million COVID-19 vaccine doses have been administered

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00:06:12,026 --> 00:06:13,206

in the United States.

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00:06:13,946 --> 00:06:20,936

Overall, almost 65% of all Americans have received at least one vaccine dose,

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00:06:21,266 --> 00:06:25,296

and almost 56% of Americans are fully vaccinated.

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00:06:26,166 --> 00:06:29,616

Widespread vaccination is a  
critical tool to reduce the risk

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00:06:29,616 --> 00:06:32,486

of hospitalization due to COVID-19.

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00:06:33,316 --> 00:06:37,076

We encourage you to visit  
CDC's COVID-19 Data Tracker

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00:06:37,306 --> 00:06:42,256

for the latest COVID-19 statistics  
and key indicators from CDC.

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00:06:42,516 --> 00:06:44,226

Next slide, please.

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00:06:44,506 --> 00:06:52,006

New this week, I'd like to share some recent  
work from three reports that were early releases

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00:06:52,006 --> 00:06:58,486

in CDC's Morbidity and Mortality  
Weekly Report or MMWR on September 17.

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00:06:59,016 --> 00:07:05,126

To read the full reports, you will see links in the chat, or please visit [cdc.gov](https://www.cdc.gov).

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00:07:05,176 --> 00:07:11,946

First, I'd like to mention a report called Comparative Effectiveness of Moderna,

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00:07:11,946 --> 00:07:14,606

Pfizer and Johnson & Johnson vaccines

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00:07:14,716 --> 00:07:21,236

in preventing COVID-19 Hospitalizations Among Adults Without Immunocompromising Conditions.

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00:07:23,756 --> 00:07:31,496

Two two-dose mRNA COVID-19 vaccines from Pfizer and Moderna and a one dose viral vector vaccine

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00:07:31,496 --> 00:07:35,446

from Johnson & Johnson are currently used in the United States.

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00:07:35,446 --> 00:07:42,066

Among US adults without immunocompromising

conditions, vaccine effectiveness

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00:07:42,186 --> 00:07:49,086

against COVID-19 hospitalization during  
March 11 through August 15, 2021,

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00:07:49,086 --> 00:07:56,896

was highest for the Moderna vaccine at  
93%, followed by the Pfizer vaccine at 88%

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00:07:56,896 --> 00:08:00,266

and the Johnson & Johnson vaccine at 71%.

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00:08:02,646 --> 00:08:07,906

Although these real-world data suggests some  
variation in levels of protection by vaccine,

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00:08:08,216 --> 00:08:14,556

all FDA approved or authorized COVID-19  
vaccines provide substantial protection

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00:08:14,666 --> 00:08:17,116

against COVID-19 hospitalization.

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00:08:17,116 --> 00:08:19,706

Next slide, please.

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00:08:22,576 --> 00:08:30,056

Next, we have a report called COVID-19 Related School Closures and Learning Modality Changes,

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00:08:30,056 --> 00:08:34,696

United States, August through September 2021.

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00:08:34,696 --> 00:08:40,146

Beginning in January 2021, the US government prioritized ensuring continuity of learning

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00:08:40,276 --> 00:08:43,156

for all students during the COVID-19 pandemic.

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00:08:43,646 --> 00:08:48,866

To gather information about the status of school operations, federal public health

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00:08:48,866 --> 00:08:55,806

and education agencies used statistical model information and systematic internet searches

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00:08:55,806 --> 00:09:02,036



to identify districts and schools most affected by COVID-19 related disruptions.

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00:09:02,036 --> 00:09:07,596

The findings of this report showed that most, actually, 96% of public

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00:09:07,596 --> 00:09:13,446

and private schools have remained open for full in-person learning during this time period.

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00:09:14,756 --> 00:09:15,966

Next slide, please.

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00:09:15,966 --> 00:09:23,086

Finally, CDC released a report called Safety Monitoring of an Additional Dose

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00:09:23,086 --> 00:09:29,476

of COVID-19 Vaccine, United States, August 12 through September 19, 2021.

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00:09:30,236 --> 00:09:35,216

In this report among 306 Pfizer clinical trial participants,

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00:09:35,216 --> 00:09:40,656

adverse reactions after dose three were similar to those after dose two.

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00:09:40,906 --> 00:09:46,576

During August 12 through September 19, among 12,591 v-safe registrants

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00:09:46,576 --> 00:09:53,826

who completed a health check-in survey after all three doses of an mRNA COVID-19 vaccine,

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00:09:53,826 --> 00:10:02,256

79.4% and 74.1% reported local or systemic reaction respectively after the third dose;

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00:10:02,256 --> 00:10:10,656

77.6% and 76.5% reported local or systemic reactions after the second dose respectively.

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00:10:11,836 --> 00:10:16,546

Voluntary reports to v-safe found no unexpected patterns of adverse reactions

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00:10:16,546 --> 00:10:20,706

after an additional dose of COVID-19 vaccine.

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00:10:20,706 --> 00:10:24,236

CDC will continue to monitor  
vaccine safety including

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00:10:24,236 --> 00:10:27,256

for the additional COVID-19 vaccine doses.

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00:10:27,636 --> 00:10:32,796

With that, it is now my pleasure to hand  
over the call to my esteemed colleague,

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00:10:33,076 --> 00:10:37,326

co-lead for CDC's Vaccine Task  
Force, Dr. Jennifer Layden.

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00:10:50,046 --> 00:10:50,776

>> Apologies.

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00:10:50,776 --> 00:10:51,966

Sorry. One minute.

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00:10:52,406 --> 00:10:53,966

One technical difficulty.

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00:11:08,496 --> 00:11:12,776

>> As we're waiting for Dr.

Layden, if the poll is still open,

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00:11:12,776 --> 00:11:15,286

folks are still welcome to fill out the poll.

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00:11:44,046 --> 00:11:45,166

>> Apologies, everyone.

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00:11:45,166 --> 00:11:48,376

Just a few moments as we sort  
out a technical difficulty.

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00:11:49,756 --> 00:11:50,776

>> Okay. Sorry about that.

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00:11:50,776 --> 00:11:52,816

Apologies for that.

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00:11:52,816 --> 00:11:58,316

I had a technical glitch on my computer  
and lost access to a couple things.

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00:11:58,316 --> 00:11:59,476

Hi, everyone.

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00:11:59,476 --> 00:12:00,016

Good afternoon.

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00:12:00,016 --> 00:12:04,956

My name is Dr. Jennifer Layden, and I serve as the co-lead for CDC's Vaccine Task Force.

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00:12:05,336 --> 00:12:10,636

I'm happy to be here today with you all, and thank you for attending this presentation.

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00:12:11,496 --> 00:12:13,796

I'm here today to provide an update on our work

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00:12:13,796 --> 00:12:19,926

and to review CDC's new recommendations on COVID-19 vaccine boosters.

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00:12:19,926 --> 00:12:21,396

Next slide, please.

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00:12:24,956 --> 00:12:29,286

The Advisory Committee on Immunization Practices, often referred to as ACIP,

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00:12:29,286 --> 00:12:33,876

and CDC have endorsed the guiding principles of efficient distribution,

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00:12:33,956 --> 00:12:39,286

as well as jurisdictional flexibility for the COVID-19 vaccination program.

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00:12:40,056 --> 00:12:44,936

During a pandemic, efficient, expeditious and equitable distribution

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00:12:44,936 --> 00:12:48,006

and administration of approved vaccine is critical.

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00:12:48,626 --> 00:12:53,546

And, within national guidelines, state and local jurisdictions should have the flexibility

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00:12:53,546 --> 00:12:58,196

to administer a vaccine based on

local epidemiology and demand.

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00:12:58,446 --> 00:13:10,196

Next. As of October 3, 2021, the US has administered nearly 396 million doses

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00:13:10,196 --> 00:13:17,076

of COVID-19 vaccines; 65% of the population has received at least one dose

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00:13:17,196 --> 00:13:21,316

of the vaccine, and 56% are fully vaccinated.

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00:13:22,226 --> 00:13:28,106

This effort has been possible due to collective and coordinated action from state and local

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00:13:28,106 --> 00:13:31,546

and federal jurisdictions as well as private partners.

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00:13:38,196 --> 00:13:41,816

Currently, there are three vaccines that have been approved or authorized

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00:13:41,816 --> 00:13:45,566

by the Federal Drug Administration or FDA.

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00:13:45,686 --> 00:13:52,236

Pfizer-BioNTech is approved for people who are aged 16 years and older and authorized

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00:13:52,236 --> 00:13:54,876

for people aged 12 to 15 years old.

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00:13:55,716 --> 00:13:59,516

Moderna is authorized for people aged 18 years and older.

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00:14:00,006 --> 00:14:04,166

And, finally, the Johnson & Johnson or Janssen vaccine is authorized

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00:14:04,166 --> 00:14:07,406

for people aged 18 years and older.

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00:14:08,536 --> 00:14:12,986

These three vaccines were tested in diverse populations, adult populations,

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00:14:12,986 --> 00:14:15,516

including minorities and older adults.

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00:14:15,856 --> 00:14:20,166

All the available vaccines have been proven effective at preventing serious illness,

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00:14:20,166 --> 00:14:24,466

hospitalizations and death from COVID-19 disease.

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00:14:29,956 --> 00:14:34,146

Hundreds of millions of people in the US have received COVID-19 vaccines

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00:14:34,216 --> 00:14:38,326

under the most intense safety monitoring process in US history.

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00:14:38,866 --> 00:14:44,876

All COVID-19 vaccines used in the US were carefully evaluated in clinical trials

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00:14:45,156 --> 00:14:50,156

and authorized or approved because the benefits outweigh the risks.

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00:14:55,906 --> 00:15:00,516

COVID-19 vaccines are being held to the same safety standards as other routine vaccines.

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00:15:00,516 --> 00:15:04,296

Several experts in independent groups evaluate the safety

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00:15:04,296 --> 00:15:08,086

of vaccines before being given to people in the United States.

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00:15:08,086 --> 00:15:11,586

And before any vaccine received authorization or approval,

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00:15:11,946 --> 00:15:15,846

the FDA carefully reviewed all the safety data from clinical trials.

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00:15:16,406 --> 00:15:22,426

Then the Advisory Committee on Immunization Practices, or ACIP, which is an independent body

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00:15:22,426 --> 00:15:26,106

of experts, reviews all safety  
data before recommending use.

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00:15:26,276 --> 00:15:32,616

FDA and ACIP have qualified scientific and  
clinical experts with minimal conflicts

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00:15:32,616 --> 00:15:35,016

of interest reviewing all the data.

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00:15:35,156 --> 00:15:41,156

After any vaccines are authorized  
and in use, both FDA and CDC continue

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00:15:41,156 --> 00:15:43,486

to monitor their surveillance -- their safety.

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00:15:44,316 --> 00:15:47,276

There are safe -- surveillance systems in place

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00:15:47,276 --> 00:15:50,606

that can rapidly detect possible  
vaccine safety problems.

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00:15:51,236 --> 00:15:53,886

One of them is called the CDC v-safe program.

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00:15:53,886 --> 00:15:57,906

It's a smartphone-based after  
vaccination health checker

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00:15:57,906 --> 00:16:00,676

for people who receive COVID-19 vaccines.

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00:16:01,616 --> 00:16:05,786

There's also the Vaccine Adverse  
Event Reporting System known as VAERS,

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00:16:06,096 --> 00:16:10,186

which is the national system that collects  
reports from healthcare professionals,

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00:16:10,446 --> 00:16:15,456

vaccine manufacturers and the public on  
adverse events that happen after vaccination.

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00:16:16,106 --> 00:16:21,116

There's also collected reports of adverse events  
that are unexpected, appear to happen more often

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00:16:21,116 --> 00:16:23,206

than expected or have unusual patterns.

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00:16:23,706 --> 00:16:25,626

These are then followed up  
with specific studies.

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00:16:25,626 --> 00:16:34,406

Next, I'd like to talk a bit more about  
how we're ensuring efficient, expeditious

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00:16:34,406 --> 00:16:37,466

and equitable distribution and  
administration of vaccines.

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00:16:43,016 --> 00:16:45,576

Strategic partnerships have  
been critical to the success

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00:16:45,576 --> 00:16:48,426

of getting vaccines in the arms this past year.

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00:16:48,986 --> 00:16:50,986

Just to highlight a couple of examples,

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00:16:50,986 --> 00:16:55,366

one is something called the Federal  
Retail Pharmacy Program or FRPP.

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00:16:55,366 --> 00:17:01,626

This program is a public private partnership  
that involves 21 national pharmacy partners

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00:17:01,626 --> 00:17:06,686

and a network of independent pharmacies,  
representing over 40,000 retail

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00:17:06,686 --> 00:17:09,726

and long-term care pharmacy  
locations nationwide.

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00:17:11,006 --> 00:17:18,226

Additionally, we've worked closely with FQHC to  
ensure that our nation's underserved communities

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00:17:18,226 --> 00:17:20,396

and those populations disproportionately  
affected

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00:17:20,396 --> 00:17:25,166

by COVID-19 are equitably  
vaccinated against COVID-19.

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00:17:26,206 --> 00:17:31,226

The HRSA or Health Resources and Services  
Administration and CDC launched a program

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00:17:31,226 --> 00:17:37,556

that directly allocated a limited supply of the  
vaccine to select HRSA-funded health centers.

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00:17:37,556 --> 00:17:40,036

Next slide, please.

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00:17:43,156 --> 00:17:49,096

As vaccine supply has increased, distribution  
and administration sites expanded with a focus

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00:17:49,096 --> 00:17:54,776

on ensuring equity as well as increasing  
access given many available options

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00:17:54,776 --> 00:17:55,876

to the US population.

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00:17:56,266 --> 00:18:02,216

Today, vaccine sites include pharmacies,  
doctor's office, LTC providers,

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00:18:02,356 --> 00:18:08,646

as well as options for homebound populations  
in other settings to get the vaccine.

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00:18:14,976 --> 00:18:18,166

The federal government is committed  
to ensuring that residents and staff

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00:18:18,166 --> 00:18:22,146

in long-term care settings such  
as nursing homes, assisted living,

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00:18:22,536 --> 00:18:28,476

residential care communities, group homes and  
senior housing have access to COVID-19 vaccines

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00:18:28,476 --> 00:18:33,146

to receive both the primary  
series as well as booster doses.

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00:18:34,436 --> 00:18:37,376

Today, many facilities have done



a lot to prepare their sites

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00:18:37,376 --> 00:18:41,986

and have strategic partnerships in place to access COVID-19 vaccine.

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00:18:42,966 --> 00:18:47,856

We've encouraged long-term care providers to consider what option,

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00:18:48,146 --> 00:18:53,146

either clinics within their settings or locations outside of their facility,

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00:18:53,556 --> 00:18:57,186

would work best for their residents and staff to coordinate access

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00:18:57,186 --> 00:18:59,736

to the COVID-19 vaccines and boosters.

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00:19:00,996 --> 00:19:05,306

CDC is making sure that everyone who needs support will receive it

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00:19:06,086 --> 00:19:10,696

to ensure individuals receive the booster doses when it is recommended for them.

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00:19:10,696 --> 00:19:11,946

Next slide, please.

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00:19:17,256 --> 00:19:21,686

CDC also supports health department's with implementation and technical assistance.

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00:19:22,506 --> 00:19:25,516

Much of the technical assistance is provided by our regional teams

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00:19:25,646 --> 00:19:28,116

that provide a single point of contact for jurisdictions.

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00:19:28,866 --> 00:19:30,986

CDC provides a range of clinical support.

228

00:19:31,306 --> 00:19:36,806

We develop clinical considerations and address topics from managing anaphylaxis

229

00:19:37,116 --> 00:19:39,206

to vaccinating homebound persons.

230

00:19:39,206 --> 00:19:43,836

We have developed training and resources  
to support healthcare professional

231

00:19:43,836 --> 00:19:47,706

and vaccine storage, handling,  
preparation and administration.

232

00:19:48,636 --> 00:19:53,866

We also respond to clinical inquiries and  
staff a call center with provider questions.

233

00:19:55,026 --> 00:20:01,106

CDC also helps health departments and  
providers tracking COVID-19 vaccine distribution

234

00:20:01,106 --> 00:20:06,576

and administration activities through existing  
IT systems, together with those newly developed

235

00:20:06,576 --> 00:20:09,276

to support COVID-19 vaccine tracking,

236

00:20:09,776 --> 00:20:14,616

allowing for reliable rapid data  
collection used to inform decision-making.

237

00:20:15,706 --> 00:20:20,516

Lastly, we have a Vaccinate With Confidence  
Team, which provides a range of support

238

00:20:20,516 --> 00:20:24,206

to health departments as we work  
together to build trust in the vaccine,

239

00:20:24,766 --> 00:20:27,466

the vaccinator and the vaccination system.

240

00:20:27,706 --> 00:20:30,716

We have developed communication  
toolkits to promote --

241

00:20:30,836 --> 00:20:35,466

to promote vaccine confidence among  
various audience like essential workers.

242

00:20:35,966 --> 00:20:38,406

We provide confidence consults to jurisdictions

243

00:20:38,436 --> 00:20:41,606

to help troubleshoot with  
vaccine confidence issues.

244

00:20:42,366 --> 00:20:45,846

We have developed a rapid community  
assessment guidance to diagnose

245

00:20:45,846 --> 00:20:51,556

and address vaccine confidence barriers amongst  
specific populations, to just name a few.

246

00:20:55,596 --> 00:20:59,256

We've come a long way and have great  
momentum, but we still have much work to do.

247

00:20:59,256 --> 00:21:04,246

Looking ahead, our COVID-19 vaccine  
implementation efforts are focused

248

00:21:04,246 --> 00:21:11,186

on continued efforts to conduct surveillance for  
variant viruses; continued studies to look at

249

00:21:11,186 --> 00:21:17,956

and examine vaccine effectiveness;  
expansion of vaccine eligible populations;

250

00:21:18,766 --> 00:21:24,256

continuing to combat vaccine hesitancy;  
and continuing to focus on vaccine equity.

251

00:21:28,446 --> 00:21:33,226

Next, I'm going to provide an update and  
share CDC's current vaccine recommendations

252

00:21:33,556 --> 00:21:37,816

for both primary series as well  
as additional doses for people

253

00:21:37,816 --> 00:21:42,776

who are severely immunocompromised, as well as  
the recommendations regarding booster doses.

254

00:21:48,616 --> 00:21:54,816

Currently, COVID-19 vaccine is recommended  
for everyone ages 12 years of age and older

255

00:21:54,816 --> 00:21:58,696

in the United States for  
the prevention of COVID-19.

256

00:21:58,696 --> 00:22:01,636

Next slide, please.

257

00:22:06,246 --> 00:22:09,276

We want to make sure we have the time  
to highlight primary series vaccine --

258

00:22:09,276 --> 00:22:14,806

vaccination for pregnant and lactating  
people, as COVID-19 vaccinations remains low

259

00:22:14,806 --> 00:22:22,336

in this group, CDC strongly recommends COVID-19  
vaccination either before or during pregnancy

260

00:22:22,546 --> 00:22:27,456

because the benefits of vaccination  
outweigh known or potential risks.

261

00:22:27,456 --> 00:22:31,276

Pregnant and recently pregnant people  
with COVID-19 are at increased risk

262

00:22:31,276 --> 00:22:35,446

for severe illness, death  
and pregnancy complications.

263

00:22:35,446 --> 00:22:45,156

As of September 27, 2021, more than 125,000  
laboratory confirmed COVID-19 cases have been

264

00:22:45,156 --> 00:22:53,626

reported in pregnant people, including more  
than 22,000 hospitalized cases and 161 deaths.

265

00:22:55,116 --> 00:22:57,626

CDC's recommendations align with those

266

00:22:57,626 --> 00:23:02,026

from other professional medical  
organizations serving people who are pregnant,

267

00:23:02,166 --> 00:23:06,246

including the American College of  
Obstetricians and Gynecologists as well

268

00:23:06,246 --> 00:23:08,646

as the Society for Maternal and Fetal Medicine.



269

00:23:10,186 --> 00:23:15,006

Accumulating data provide evidence of both the safety as well as the effectiveness

270

00:23:15,006 --> 00:23:18,926

of COVID-19 vaccination in pregnancies.

271

00:23:24,396 --> 00:23:27,376

CDC also recommends that people with moderately

272

00:23:27,596 --> 00:23:33,506

to severely compromised immune systems receive an additional dose of mRNA COVID-19 vaccine

273

00:23:33,626 --> 00:23:40,866

at least 28 days after a second dose of either Pfizer or Moderna mRNA COVID-19 vaccine.

274

00:23:47,796 --> 00:23:53,426

Before I move to the booster recommendations, I want to emphasize as CDC and ACIP have,

275

00:23:53,866 --> 00:23:58,836

the populations most vulnerable to

COVID-19 are those that are unvaccinated,

276

00:23:58,946 --> 00:24:04,346

and the nation's priorities should  
remain getting everyone fully vaccinated

277

00:24:04,506 --> 00:24:05,746

with their primary series.

278

00:24:06,436 --> 00:24:11,356

The COVID-19 vaccines approved and authorized  
in the United States continue to be effective

279

00:24:11,356 --> 00:24:15,296

in reducing risk of severe  
disease, hospitalization and death,

280

00:24:15,296 --> 00:24:19,106

even against the widely circulating  
Delta variants.

281

00:24:19,106 --> 00:24:24,726

Nearly all the cases of severe disease,  
hospitalization and death from COVID-19 continue

282

00:24:24,726 --> 00:24:27,606

to occur among those not yet vaccinated.

283

00:24:28,256 --> 00:24:30,406

Data shows hospitalization rates are 10

284

00:24:30,596 --> 00:24:35,096

to 22 times higher among unvaccinated  
compared to vaccinated adults.

285

00:24:39,136 --> 00:24:40,866

Now on to booster recommendations.

286

00:24:40,866 --> 00:24:49,126

On September 22, CDC's Advisory Committee on  
Immunization Practices met on the 22nd as well

287

00:24:49,126 --> 00:24:53,136

as the 23rd and carefully examined the  
latest data around vaccine effectiveness.

288

00:24:53,696 --> 00:24:57,946

This is followed by a robust and  
deliberative discussion around booster shots.

289

00:24:58,336 --> 00:25:02,226

Studies show that getting  
vaccinated against COVID-19,

290

00:25:02,226 --> 00:25:07,006

protection against the virus may  
decrease over time and be less able

291

00:25:07,006 --> 00:25:09,346

to be protective against the Delta variant.

292

00:25:10,486 --> 00:25:15,586

Although COVID-19 vaccination for adults  
aged 65 years and older remain effective

293

00:25:15,586 --> 00:25:21,106

in preventing severe disease, recent data  
does suggest that vaccinations less effective

294

00:25:21,106 --> 00:25:24,916

and in preventing infection  
from mild illness with symptoms.

295

00:25:26,916 --> 00:25:31,446

Emerging evidence also shows that, among  
healthcare and other frontline workers,

296

00:25:31,576 --> 00:25:36,186

the vaccine effectiveness against  
COVID-19 infection is decreasing over time.

297

00:25:37,316 --> 00:25:41,716

This lower effectiveness is likely due to  
the combination of decreasing protection

298

00:25:41,716 --> 00:25:47,336

as time passes since getting vaccinated,  
often referred to as waning immunity,

299

00:25:47,526 --> 00:25:50,726

as well as the greater infectiousness  
of the Delta variant.

300

00:25:55,936 --> 00:26:01,376

On September 23, ACIP recommended certain  
populations receive a booster shot

301

00:26:01,546 --> 00:26:07,286

of Pfizer-BioNTech's COVID-19 vaccine  
at least six months after the completion

302

00:26:07,336 --> 00:26:09,656

of the Pfizer vaccine primary series.

303

00:26:10,516 --> 00:26:13,876

In addition, the CDC Director recommended a booster shot for those

304

00:26:13,876 --> 00:26:17,286

in high risk occupational institutional settings.

305

00:26:17,666 --> 00:26:22,416

It's important to note that ACIP and CDC's recommendations are bound

306

00:26:22,416 --> 00:26:24,446

by what FDA authorization allows.

307

00:26:25,006 --> 00:26:30,126

At this time, the FDA's Pfizer booster authorization only applies

308

00:26:30,126 --> 00:26:35,026

to those select populations who received the Pfizer vaccine as their primary series.

309

00:26:36,636 --> 00:26:40,216

People in the recommended age group who received the Moderna

310

00:26:40,216 --> 00:26:46,026

or J&J Janssen vaccines will likely need a booster shot, and more data on the effectiveness

311

00:26:46,056 --> 00:26:49,886

and safety of these booster shots are expected in the coming weeks.

312

00:26:50,406 --> 00:26:55,866

ACIP will continue to meet to evaluate new data and may recommend booster shots

313

00:26:55,866 --> 00:26:59,436

for other populations and vaccine recipients soon.

314

00:27:08,566 --> 00:27:13,126

Next, I'd like to summarize the recommendations regarding the booster dose.

315

00:27:13,566 --> 00:27:21,116

People age 65 years and older, adults 50 to 64 years with underlying medical conditions

316

00:27:21,116 --> 00:27:25,366

and residents in long-term care settings should receive a booster shot

317

00:27:25,526 --> 00:27:31,516

of Pfizer COVID-19 vaccine at least six months after their Pfizer primary series.

318

00:27:32,136 --> 00:27:37,336

The risk of severe illness from COVID-19 increases with age and can also increase

319

00:27:37,426 --> 00:27:39,946

for adults with certain underlying medical conditions.

320

00:27:40,536 --> 00:27:43,916

Therefore, CDC recommends that individuals 50 to 64

321

00:27:44,356 --> 00:27:48,256

with underlying medical conditions receive a Pfizer booster shot.



322

00:27:49,356 --> 00:27:52,816

Because residents in long-term care settings  
live closely together in group settings

323

00:27:52,816 --> 00:27:58,076

and are often older adults or have underlying  
medical conditions, they're at increased risk

324

00:27:58,076 --> 00:28:00,766

of infection and severe illness from COVID-19.

325

00:28:06,096 --> 00:28:10,486

People aged 18 to 49 who are at  
high risk for severe COVID-19 due

326

00:28:10,486 --> 00:28:14,896

to certain underlying medical  
conditions may receive a booster shots

327

00:28:15,076 --> 00:28:20,246

of Pfizer COVID-19 vaccine at least  
six months after their primary series,

328

00:28:20,246 --> 00:28:24,226

their Pfizer primary series based on  
their individual benefit and risk.

329

00:28:25,086 --> 00:28:30,816

In people aged 18 to 64 who are at increased  
risk for COVID-19 exposure and transmission

330

00:28:31,316 --> 00:28:36,526

because of either occupational or institutional  
settings may receive a booster shot

331

00:28:36,526 --> 00:28:41,736

of Pfizer COVID-19 vaccine at least six  
months after their Pfizer primary series,

332

00:28:42,496 --> 00:28:45,816

based on their individual benefits and risks.

333

00:28:45,816 --> 00:28:50,456

COVID-19 vaccine effectiveness  
against severe disease remains high

334

00:28:50,456 --> 00:28:53,066

for healthcare personnel  
and other essential workers.

335

00:28:53,606 --> 00:28:56,716

Those with even mild illness often cannot work.

336

00:28:57,306 --> 00:29:01,226

In addition, some individuals may care  
for or live with other at-risk people,

337

00:29:01,476 --> 00:29:03,346

such as immunocompromised population.

338

00:29:03,346 --> 00:29:08,646

And others may live in congregate settings such  
as homeless shelters or correctional facilities

339

00:29:08,646 --> 00:29:10,446

where there is a higher risk for transmission.

340

00:29:15,886 --> 00:29:20,086

Occupations at increased risk include  
the types of frontline essential workers

341

00:29:20,456 --> 00:29:22,316

and healthcare workers listed here.

342

00:29:23,686 --> 00:29:27,506

I'd also like to note that the definition of fully vaccinated does not change

343

00:29:27,506 --> 00:29:29,106

with these booster recommendations.

344

00:29:29,336 --> 00:29:31,216

For public health purposes, people

345

00:29:31,216 --> 00:29:36,666

who have completed a primary series are considered fully vaccinated greater than

346

00:29:36,666 --> 00:29:39,906

or equal to two weeks after completion of the primary series.

347

00:29:40,476 --> 00:29:45,316

This applies to all people including those who received an additional booster as recommended

348

00:29:45,396 --> 00:29:49,886

for moderate to severe immunocompromised people. Those who receive a booster shot.

349

00:29:55,306 --> 00:29:59,796

Next, a few quick updates as we enter potential flu season as well.

350

00:30:04,476 --> 00:30:07,326

While it is uncertain what will happen this flu season,

351

00:30:07,426 --> 00:30:12,166

CDC is preparing for a seasonal flu virus to spread this fall and winter.

352

00:30:13,136 --> 00:30:16,156

Reduced population immunity due to the lack of flu activity

353

00:30:16,156 --> 00:30:20,046

since March 2020 could result in a severe flu season.

354

00:30:20,966 --> 00:30:23,946

Also, if there's flu and COVID-19 at the same time,

355

00:30:24,056 --> 00:30:27,996

along with other potential serious  
respiratory viruses like RSV,

356

00:30:27,996 --> 00:30:31,856

this could place a renewed high  
burden on the healthcare system.

357

00:30:33,136 --> 00:30:38,916

During 2019 to 2020, nearly 200 children  
in the United States died from flu.

358

00:30:39,146 --> 00:30:43,206

About 80% of those children were not  
vaccinated against the flu virus.

359

00:30:43,746 --> 00:30:48,726

Certain racial and ethnic minority groups are  
at higher risk for developing severe illness,

360

00:30:48,836 --> 00:30:53,566

resulting in hospitalization, intensive  
care admission or in-hospital death.

361

00:30:53,566 --> 00:30:57,476

Flu vaccine -- vaccination  
is especially important

362

00:30:57,476 --> 00:31:00,106

for these individuals and in these communities.

363

00:31:00,976 --> 00:31:06,086

CDC recommends that all people six months in age and older get vaccinated

364

00:31:06,086 --> 00:31:08,846

against the flu by the end of October ideally.

365

00:31:09,476 --> 00:31:14,836

However, vaccination should continue throughout the flu season, even into January or later.

366

00:31:21,856 --> 00:31:25,906

Few additional notes I wanted to highlight regarding the timing of flu vaccination.

367

00:31:26,906 --> 00:31:30,936

Children should be vaccinated for flu as soon as the vaccine is available.

368

00:31:31,886 --> 00:31:35,066

Early flu vaccination can also

be considered for people who are

369

00:31:35,066 --> 00:31:37,876

in their third trimester of pregnancy.

370

00:31:43,706 --> 00:31:47,076

We also wanted to make some  
comments regarding coadministration

371

00:31:47,076 --> 00:31:49,116

of flu and COVID-19 vaccination.

372

00:31:51,216 --> 00:31:56,886

COVID-19 vaccine may be given with  
other vaccines without regard to timing.

373

00:31:57,056 --> 00:32:02,186

This includes administration of COVID-19 and  
other vaccinations -- vaccines on the same day.

374

00:32:02,546 --> 00:32:06,936

But limited data exists on getting  
COVID-19 vaccines with other vaccines,

375

00:32:06,936 --> 00:32:12,386



including flu vaccines, experience with giving other vaccines together has shown the way our

376

00:32:12,386 --> 00:32:16,496

bodies develop protection; and possible side effects are generally similar,

377

00:32:16,866 --> 00:32:20,496

whether vaccines are given alone or with other vaccines.

378

00:32:21,586 --> 00:32:24,396

Given all vaccines for which a person is eligible

379

00:32:24,396 --> 00:32:29,636

at the same visit is considered a best practice, as it increases the probability or chance

380

00:32:29,636 --> 00:32:32,376

that people will be up to date on recommended vaccines.

381

00:32:32,826 --> 00:32:35,596

It also is an important part of immunization practice,

382

00:32:35,596 --> 00:32:37,996

especially if a healthcare provider is uncertain

383

00:32:37,996 --> 00:32:41,296

that a patient will return for  
additional doses of vaccine.

384

00:32:47,136 --> 00:32:52,426

More information on the flu season as well  
as coadministration of vaccines can be found

385

00:32:52,626 --> 00:32:54,256

on our website, which are listed here.

386

00:33:01,276 --> 00:33:06,306

A plug for our COVID-19 vaccines web page with  
key things to know regarding your vaccination.

387

00:33:08,376 --> 00:33:16,156

This resource on the webpage has numerous  
useful information as well as information

388

00:33:16,156 --> 00:33:22,506

about the fully vaccinated and booster shots

as well as links to vaccine finder websites.

389

00:33:22,506 --> 00:33:23,726

Next slide, please.

390

00:33:30,216 --> 00:33:36,876

>> Thank you, Dr. Layden; thank you,  
Dr. Cope, for all the information.

391

00:33:37,046 --> 00:33:38,326

Let's see.

392

00:33:38,466 --> 00:33:43,696

We're now in the Q&A portion or  
questions and answer portion.

393

00:33:43,916 --> 00:33:48,196

For those of you who submitted questions in  
advance of this call, thank you very much.

394

00:33:48,196 --> 00:33:53,896

We received many excellent questions, and  
we'll try to get to as many as we can today.

395

00:33:53,896 --> 00:33:58,466

Dr. Layden, if I -- permit me to start with you.

396

00:33:58,466 --> 00:34:05,296

The first question, we received several questions about when people who have had Moderna

397

00:34:05,616 --> 00:34:12,156

or Johnson & Johnson vaccine and are recommended for booster shots can get their booster.

398

00:34:12,526 --> 00:34:18,406

What should they do or expect?

399

00:34:18,656 --> 00:34:24,916

>> So there currently is for individuals who received Moderna or J&J vaccine,

400

00:34:24,916 --> 00:34:30,126

there's continued effort to review the safety and effectiveness

401

00:34:30,646 --> 00:34:35,196

to approve booster shots for those that received those.

402

00:34:35,406 --> 00:34:43,926

In coming weeks, we anticipate FDA to meet  
and then ACIP to meet, discuss recommendations

403

00:34:43,926 --> 00:34:47,306

and regulatory approval for potential boosters.

404

00:34:50,456 --> 00:34:53,206

>> Thank you for that.

405

00:34:53,286 --> 00:34:53,706

Let's see.

406

00:34:53,706 --> 00:34:54,606

Another question.

407

00:34:54,606 --> 00:34:59,456

A few other questions have  
been about natural immunity

408

00:34:59,696 --> 00:35:03,496

from having COVID-19 versus vaccine immunity.

409

00:35:03,866 --> 00:35:09,976

Could you discuss if you please what we

know about the effectiveness and waning

410

00:35:10,046 --> 00:35:14,266

of both natural immunity  
versus vaccine immunity.

411

00:35:18,246 --> 00:35:20,646

>> Sure. Do you want me to take that question?

412

00:35:20,646 --> 00:35:21,016

>> Sure.

413

00:35:21,536 --> 00:35:26,716

>> Start with it and Dr. Cope  
can chime in if anything else.

414

00:35:26,846 --> 00:35:31,556

So we know that getting COVID-19 vaccine  
may offer some natural protection,

415

00:35:31,876 --> 00:35:33,426

often referred to as immunity.

416

00:35:34,086 --> 00:35:39,466

Current evidence suggests that reinfection

with a virus that causes COVID-19 is uncommon,

417

00:35:39,876 --> 00:35:42,846

especially in that first 19  
days after initial infection.

418

00:35:43,386 --> 00:35:47,886

However, experts don't yet know for  
sure how long the protection last.

419

00:35:48,076 --> 00:35:53,266

Vaccination helps protect you even if  
you've already had COVID-19 vaccination.

420

00:35:53,366 --> 00:35:58,576

So the recommendation is, even if you have had  
COVID-19, that you should still get vaccinated.

421

00:35:59,796 --> 00:36:05,416

Evidence is emerging that people get better  
protection by being fully vaccinated compared

422

00:36:05,416 --> 00:36:08,356

with having had COVID-19 infection alone.

423

00:36:15,046 --> 00:36:17,296

>> Thank you.

424

00:36:17,296 --> 00:36:19,976

And let me move on to another question.

425

00:36:20,626 --> 00:36:25,846

Many restaurants are requiring  
vaccinations and boosters for their staff

426

00:36:26,376 --> 00:36:30,976

to maintain safe environment  
for both employees and guests.

427

00:36:31,306 --> 00:36:37,666

Is CDC including restaurant workers  
as individuals at increased risk

428

00:36:37,666 --> 00:36:44,106

for COVID-19 exposure and transmission and  
are making them eligible for boosters or not?

429

00:36:48,736 --> 00:36:55,366

>> So the list that was provided a few slides  
back regarding occupational risk is not meant



430

00:36:55,366 --> 00:36:56,016

to be exhaustive.

431

00:36:56,016 --> 00:37:01,436

It's meant to provide the starting  
framework for occupations where it's known

432

00:37:01,706 --> 00:37:07,606

that there's a high risk of transmission  
as well as a risk for exposure.

433

00:37:08,436 --> 00:37:14,156

Individuals who are concerned about their  
potential risk, it is encouraged and recommended

434

00:37:14,156 --> 00:37:18,616

that they talk to a provider to discuss the  
benefit and risk of receiving a booster.

435

00:37:27,846 --> 00:37:36,566

We also got a few questions about the safety  
of the COVID-19 vaccine for pregnant people

436

00:37:36,566 --> 00:37:40,836

and including safety for the baby or fetus.

437

00:37:41,156 --> 00:37:45,226

Can you speak a bit more about the vaccine safety and protection for these groups?

438

00:37:46,696 --> 00:37:47,676

>> Yeah, absolutely.

439

00:37:47,676 --> 00:37:49,946

Thanks for that important question.

440

00:37:49,946 --> 00:37:51,556

As I mentioned during the presentation,

441

00:37:51,556 --> 00:37:56,806

CDC does strongly recommend COVID-19 vaccination either before or during pregnancy

442

00:37:57,206 --> 00:38:01,316

because the benefits of vaccination outweigh the potential or known risks.

443

00:38:01,956 --> 00:38:07,116

We do know that pregnant and recently pregnant people are at increased risk, unfortunately,

444

00:38:07,116 --> 00:38:11,296

for severe illness or death for pregnancy related complications.

445

00:38:12,216 --> 00:38:15,216

There continues to be effort to evaluate the safety.

446

00:38:15,246 --> 00:38:21,826

Currently, the evidence about the safety and effectiveness of COVID-19 vaccination,

447

00:38:21,866 --> 00:38:23,596

although limited, has been growing.

448

00:38:24,146 --> 00:38:26,176

These data do suggests that the benefits

449

00:38:26,176 --> 00:38:31,256

of receiving a COVID-19 outweigh any known or potential risks.

450

00:38:32,246 --> 00:38:36,806

COVID-19 vaccines do not cause infections,

including in pregnant people and their babies.

451

00:38:37,336 --> 00:38:41,776

None of the COVID-19 vaccines contain the live virus that causes COVID-19,

452

00:38:42,136 --> 00:38:47,876

so a COVID-19 vaccine cannot make anyone sick with COVID-19 or transmit it to the baby.

453

00:38:49,476 --> 00:38:54,746

Vaccination of pregnant people helps to build antibodies that may also help protect the baby.

454

00:38:55,286 --> 00:39:00,296

When pregnant people receive an mRNA COVID-19 vaccine during pregnancy,

455

00:39:00,296 --> 00:39:05,526

their bodies build antibodies against COVID-19 similar to nonpregnant people.

456

00:39:06,736 --> 00:39:12,146

Antibodies made after a pregnant person received an mRNA have been found in umbilical cord blood.

457

00:39:12,466 --> 00:39:16,506

This means that COVID-19 vaccination during pregnancy might help

458

00:39:16,506 --> 00:39:20,376

to protect both the mom and the baby against COVID-19.

459

00:39:21,186 --> 00:39:26,826

More data is needed to determine how these antibodies may protect the baby,

460

00:39:27,236 --> 00:39:28,636

but it is encouraging evidence.

461

00:39:33,216 --> 00:39:34,406

>> Thank you very much.

462

00:39:34,706 --> 00:39:38,366

And another question.

463

00:39:38,366 --> 00:39:43,966

What should people do who can't receive the full vaccination series due

464

00:39:43,966 --> 00:39:45,976

to an allergic reaction to the first dose.

465

00:39:51,056 --> 00:39:57,736

>> So one important pieces of information is to ensure that they talk to a provider.

466

00:39:58,036 --> 00:40:04,556

There's numerous types of allergic reactions, and it's good to identify

467

00:40:04,556 --> 00:40:12,096

if this is a severe anaphylactic type of event or another adverse event.

468

00:40:12,316 --> 00:40:16,946

There are some contraindications including anaphylaxis, and it's important to talk

469

00:40:16,946 --> 00:40:23,016

to provider to understand what type of event an individual has.

470

00:40:23,206 --> 00:40:30,546

For those individuals who are not able to

receive an additional dose because of a severe

471

00:40:30,546 --> 00:40:38,816

and contraindicated adverse event such as  
anaphylaxis, continued prevention strategies,

472

00:40:38,946 --> 00:40:45,126

effective prevention strategies are critical  
so wearing the masks, keeping the distance

473

00:40:45,346 --> 00:40:48,376

from other individuals, avoiding large crowds.

474

00:40:48,996 --> 00:40:54,766

Those all are effective and can help to  
prevent exposure and transmission of the virus.

475

00:40:59,186 --> 00:41:05,306

>> If someone is vaccinated but contracted  
COVID-19, is a booster still necessary?

476

00:41:12,226 --> 00:41:12,526

>> I'm sorry.

477

00:41:12,526 --> 00:41:13,866

Can you repeat that question?

478

00:41:13,906 --> 00:41:15,706

I missed the first part of it.

479

00:41:15,816 --> 00:41:22,496

>> Sure. So, Dr. Layden, so if someone is vaccinated but contracted COVID-19,

480

00:41:22,496 --> 00:41:25,016

is a booster still necessary for them?

481

00:41:25,476 --> 00:41:31,066

>> So some of that depends on the time, certainly -- the timing.

482

00:41:31,066 --> 00:41:38,516

Certainly right now, individuals are recommended to get the primary care of COVID-19 vaccination,

483

00:41:38,586 --> 00:41:40,856

even if they've had prior infection.

484

00:41:41,476 --> 00:41:48,126

Currently, the recommendations around boosters



are to give a dose of a booster six months

485

00:41:48,126 --> 00:41:55,926

after the primary series, six months after  
the last dose of your primary series.

486

00:41:56,056 --> 00:42:00,896

We will continue to learn more about boosters,

487

00:42:00,896 --> 00:42:05,746

especially in the setting of  
having a natural infection.

488

00:42:06,076 --> 00:42:12,506

But at this time, we do recommend that  
individuals who've had COVID-19 continue

489

00:42:13,086 --> 00:42:16,996

to get the COVID-19 vaccines  
because it's been shown

490

00:42:16,996 --> 00:42:19,746

to be effective and provide greater protection.

491

00:42:23,326 --> 00:42:25,756

>> Thank you for that.

492

00:42:25,756 --> 00:42:32,856

Now, this question, I think we also had this  
and there seems to be a lot more discussion just

493

00:42:32,856 --> 00:42:34,996

in terms of comparing all the vaccines.

494

00:42:34,996 --> 00:42:40,466

Is there a waning immunity with  
Moderna or Johnson & Johnson vaccines?

495

00:42:40,806 --> 00:42:45,976

If not, are these two vaccines more  
effective than the Pfizer vaccine?

496

00:42:50,276 --> 00:42:51,266

>> So great question.

497

00:42:51,536 --> 00:42:57,566

Again, the evidence is continuing to accumulate  
as far as both the level of waning immunity

498

00:42:57,626 --> 00:43:03,756

for those vaccines -- vaccines or against those vaccines, as well as the effectiveness

499

00:43:03,756 --> 00:43:08,926

and safety of giving a booster shot for those that receive Moderna and J&J.

500

00:43:08,926 --> 00:43:16,926

We do anticipate that data regarding these topics will be reviewed in coming weeks by FDA

501

00:43:16,926 --> 00:43:21,176

and that there may be some movement on making recommendations

502

00:43:21,176 --> 00:43:24,016

for booster shots among these individuals.

503

00:43:24,356 --> 00:43:30,736

But that data's still accumulating and needs to be reviewed before there is approval

504

00:43:30,736 --> 00:43:33,276

and recommendations regarding those booster shots.

505

00:43:36,986 --> 00:43:37,806

>> Thank you.

506

00:43:38,186 --> 00:43:39,576

Let's see here.

507

00:43:39,716 --> 00:43:46,756

Will there be a need for a second booster?

508

00:43:48,556 --> 00:43:50,856

This question we've had [inaudible].

509

00:43:53,076 --> 00:43:54,696

>> Thank you for that question.

510

00:43:54,696 --> 00:43:59,266

Currently there is no data available  
yet for what long-term needs will be

511

00:43:59,266 --> 00:44:02,746

for COVID-19 vaccine, both  
primary series and boosters.

512

00:44:03,096 --> 00:44:06,116

The science is constantly evolving.

513

00:44:06,116 --> 00:44:10,086

And CDC and FDA will continue to assess data as it becomes available

514

00:44:10,086 --> 00:44:13,276

to help inform decisions in the future.

515

00:44:15,906 --> 00:44:16,736

>> Thank you.

516

00:44:17,666 --> 00:44:24,426

And, moving on, will you be giving the public more options other

517

00:44:24,426 --> 00:44:28,006

than the three available vaccines that are currently offered?

518

00:44:28,446 --> 00:44:34,976

Novavax, for example, why is this welcomed in other countries and not the United States?

519

00:44:36,786 --> 00:44:37,596

>> Great question.

520

00:44:37,676 --> 00:44:44,116

There's different regulatory bodies or agencies in different countries and parts of the world.

521

00:44:44,606 --> 00:44:49,096

Currently, the vaccines that are approved here in the United States,

522

00:44:49,536 --> 00:44:54,446

to be given here in the United States are those that have gone through FDA approval.

523

00:44:54,926 --> 00:45:02,006

FDA does a rigorous job evaluating the safety and effectiveness of the vaccine data

524

00:45:02,306 --> 00:45:06,076

to make recommendations and approval for these vaccines.

525

00:45:06,716 --> 00:45:12,176

As more vaccines go through that FDA approval process, there could be more

526

00:45:12,226 --> 00:45:15,996

or additional vaccines that are recommended.

527

00:45:19,316 --> 00:45:21,296

>> Thank you so much for that.

528

00:45:21,296 --> 00:45:24,826

And this other question, you mentioned a bit

529

00:45:24,826 --> 00:45:30,656

about having the COVID-19 vaccine  
along with the flu vaccine.

530

00:45:30,976 --> 00:45:36,696

Question is, do I need a booster shot if  
I've had two doses of a shingles vaccine?

531

00:45:42,386 --> 00:45:46,286

>> If you had two doses of a shingles vaccine,

532

00:45:46,286 --> 00:45:50,936

is the question about if they  
should get a booster of COVID-19?

533

00:45:51,756 --> 00:45:59,186

>> Yes. If it's proper to get a booster,  
a booster vaccine, a COVID-19 booster shot

534

00:45:59,366 --> 00:46:04,016

if they've had two doses  
of the shingles vaccine.

535

00:46:04,016 --> 00:46:06,856

>> Okay. In addition to flu vaccine,

536

00:46:06,856 --> 00:46:10,266

COVID-19 vaccine can be given  
with other vaccines as well.

537

00:46:10,266 --> 00:46:18,606

So if an individual -- it's recommended  
and they're one of the individuals

538

00:46:18,606 --> 00:46:21,506

that should be getting the vaccine or booster,

539

00:46:21,946 --> 00:46:24,856

then it is recommended that  
they get that booster.



540

00:46:24,856 --> 00:46:34,196

So they'd essentially be getting other vaccines shouldn't limit or prevent

541

00:46:34,446 --> 00:46:36,706

from getting COVID or flu vaccine.

542

00:46:38,506 --> 00:46:39,816

>> Okay. Thank you.

543

00:46:39,816 --> 00:46:44,246

And I have a couple more questions, and I'll pivot to Dr. Cope if I may.

544

00:46:44,246 --> 00:46:49,356

First question, is there any updated information as to

545

00:46:49,356 --> 00:46:57,616

when nursing home staff will need to get vaccinated?

546

00:46:57,616 --> 00:47:03,936

>> So all nursing home staff should be vaccine -- should get the vaccine --

547

00:47:03,936 --> 00:47:06,886

the primary series vaccine  
as well as flu vaccine.

548

00:47:06,886 --> 00:47:13,076

So individuals who work in such settings  
and have not yet gotten the primary series,

549

00:47:13,076 --> 00:47:18,136

they should get the primary series of  
COVID-19 vaccines and also encouraged

550

00:47:18,136 --> 00:47:20,056

and recommended to get the flu vaccine.

551

00:47:20,886 --> 00:47:25,206

Individuals who work in such settings

552

00:47:25,206 --> 00:47:30,766

as long-term care facilities may  
get the COVID-19 vaccine booster.

553

00:47:31,366 --> 00:47:35,336

Of note is that this is only at this

point approved for those individuals

554

00:47:35,336 --> 00:47:38,136

who had the Pfizer vaccine  
as the primary series.

555

00:47:38,386 --> 00:47:44,536

And it's recommended that they get it six months  
after their last dose of the primary series.

556

00:47:48,146 --> 00:47:49,136

>> Thank you so much.

557

00:47:50,376 --> 00:47:54,526

What is the CDC's position  
on holding off on boosters

558

00:47:54,526 --> 00:47:58,936

until more people worldwide have  
the chance to be vaccinated?

559

00:48:04,516 --> 00:48:13,426

>> The CDC is committed to providing  
global vaccination as well as vaccination

560

00:48:13,856 --> 00:48:17,636

to individuals within the US -- within the US.

561

00:48:17,666 --> 00:48:23,486

CDC booster recommendation currently applies  
to about 26.4 million adults in the US,

562

00:48:23,756 --> 00:48:27,856

a number that will change over time  
as more people become eligible.

563

00:48:28,276 --> 00:48:31,196

This still represents a small  
percentage of the population.

564

00:48:31,196 --> 00:48:36,206

It is meant to ensure that those who are already  
vaccinated but might be at increased continue

565

00:48:36,206 --> 00:48:39,146

to receive protection against the virus.

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00:48:39,146 --> 00:48:42,566

The President has reaffirmed his  
commitment to lead in an international

567

00:48:42,566 --> 00:48:46,106

and coordinated vaccination  
effort and recently announced

568

00:48:46,106 --> 00:48:51,276

that the US will donate 80 million  
US vaccines and the 60 million doses

569

00:48:51,276 --> 00:48:53,646

of AstraZeneca vaccine previously announced

570

00:48:53,646 --> 00:48:57,646

in at least an additional 20 million  
doses of US authorized vaccine.

571

00:48:58,216 --> 00:49:00,766

We continue to donate from excess supply

572

00:49:01,226 --> 00:49:04,416

as that supply is delivered to  
us through the manufacturers.

573

00:49:10,546 --> 00:49:11,936

>> Thank you so much, Dr. Layden.

574

00:49:11,936 --> 00:49:18,006

Let me just pivot now to Dr. Cope, if I may.

575

00:49:18,006 --> 00:49:21,916

What is the time frame for the effects of the booster shot

576

00:49:22,226 --> 00:49:25,056

on three times vaccinated individuals?

577

00:49:25,606 --> 00:49:30,996

Will it change the quarantine or isolation time if a person who has received a booster

578

00:49:30,996 --> 00:49:33,836

and has COVID compatible symptoms?

579

00:49:34,126 --> 00:49:40,926

Are antibody screening tests being done to gather data on the boosted rate of protection?

580

00:49:40,926 --> 00:49:44,696

And we have also another related question that asks,

581

00:49:44,696 --> 00:49:49,736

Does the CDC still not recommend quarantine  
for an individual with an exposure

582

00:49:49,736 --> 00:49:55,266

to a confirmed case who is an asymptomatic and  
tested positive via PCR in the past 90 days.

583

00:49:55,676 --> 00:49:58,396

So I recognize that that's a lot of questions.

584

00:49:58,396 --> 00:50:04,036

And if you If you want me to restate that  
or retake it piece by piece, let me know.

585

00:50:05,746 --> 00:50:06,456

>> Sure, yeah.

586

00:50:06,566 --> 00:50:07,206

Let me see.

587

00:50:07,696 --> 00:50:12,936

So for the first part about  
changes to quarantine or isolation

588

00:50:12,936 --> 00:50:20,076

for vaccinated individuals, so people who are fully vaccinated do not need to quarantine

589

00:50:20,076 --> 00:50:26,616

after they've had a close contact with someone who had COVID-19 unless they develop symptoms.

590

00:50:26,616 --> 00:50:31,396

However, fully vaccinated people should get tested three to five days after their exposure,

591

00:50:31,696 --> 00:50:33,016

even if they don't have symptoms.

592

00:50:33,016 --> 00:50:39,306

And they should also wear a mask indoors in public for 14 days following that exposure

593

00:50:39,646 --> 00:50:43,816

or until they get a test result that is negative.

594

00:50:43,966 --> 00:50:49,776

If you have symptoms of COVID-19, you should get



tested and stay at home and away from others.

595

00:50:49,776 --> 00:50:54,176

And if you test positive, then you  
follow the isolation instructions

596

00:50:54,176 --> 00:50:57,316

to isolate at home for ten days.

597

00:50:57,486 --> 00:51:05,266

I think regarding the antibody screening tests,  
antibody testing is not currently recommended

598

00:51:05,266 --> 00:51:10,486

to assess for immunity to SARS-CoV-2,  
which is the virus that causes COVID-19,

599

00:51:10,486 --> 00:51:17,786

following COVID-19 vaccination to assess the  
need for vaccination in an unvaccinated person

600

00:51:17,786 --> 00:51:23,186

or to determine the need to quarantine after  
a close contact with someone who has COVID-19.

601

00:51:23,186 --> 00:51:28,576

There's lots of antibody testing being done in studies right now, but it's not recommended

602

00:51:28,576 --> 00:51:32,066

as a current routine practice for those scenarios.

603

00:51:32,066 --> 00:51:37,496

And then similar to the recommendations for vaccinated people who've been exposed,

604

00:51:37,496 --> 00:51:43,986

if someone tested positive for COVID-19 with a viral test within the previous 90 days,

605

00:51:44,336 --> 00:51:49,786

and has subsequently recovered and then remains without COVID-19 symptoms,

606

00:51:49,836 --> 00:51:53,916

they do not need to quarantine after a close contact.

607

00:51:53,916 --> 00:51:57,006

However, close contacts with

prior COVID-19 infection

608

00:51:57,006 --> 00:52:03,276

in the previous 90 days should wear a mask  
indoors and public for 14 days after exposure.

609

00:52:03,276 --> 00:52:08,516

They should monitor themselves for symptoms  
and isolate immediately if symptoms develop

610

00:52:08,516 --> 00:52:10,866

and then consult with a healthcare professional

611

00:52:10,866 --> 00:52:14,616

for testing recommendations  
if they develop new symptoms.

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00:52:19,426 --> 00:52:20,836

>> Thank you, Dr. Cope.

613

00:52:22,446 --> 00:52:25,476

This concludes today's discussion.

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00:52:25,476 --> 00:52:29,786

I think this is all the questions

we have for the panelists.

615

00:52:29,786 --> 00:52:35,146

I thank you, the panelists, for the time and also the information presented.

616

00:52:35,146 --> 00:52:37,866

Thank you everyone for joining our call today.

617

00:52:37,866 --> 00:52:44,186

A recording will be posted on our partner call web page where you can find other recordings

618

00:52:44,186 --> 00:52:47,026

and information about previous webinars.

619

00:52:47,356 --> 00:52:52,216

Make sure to sign up for the upcoming partner call announcement to stay informed.

620

00:52:52,746 --> 00:52:57,756

The link is listed on the slide that's up currently.

621

00:52:57,756 --> 00:53:02,346

Or feel free to click or copy  
the link in the chat box.

622

00:53:02,426 --> 00:53:06,016

With that, I think we can adjourn now.

623

00:53:06,016 --> 00:53:07,366

But thank you, Dr. Layden.

624

00:53:07,366 --> 00:53:08,256

Thank you, Dr. Cope.

625

00:53:08,256 --> 00:53:15,066

And everyone who attended, our  
sincere thanks for attending.

626

00:53:15,066 --> 00:53:19,926

And a special thank you to those who've  
been really showing their commitment

627

00:53:19,926 --> 00:53:23,936

to getting the most up-to-date  
information from our CDC experts.

628

00:53:24,736 --> 00:53:25,256

Thank you.

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00:53:25,256 --> 00:53:28,536

And, with that, we'll adjourn and end the call.

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00:53:29,396 --> 00:53:29,716

Goodbye.

>