



# COVID 19 Vaccination

**Charlotte Wallace, MS, RN**  
February 2021

## US COVID-19 Stats (2.11.21)

# Deaths = 473,000

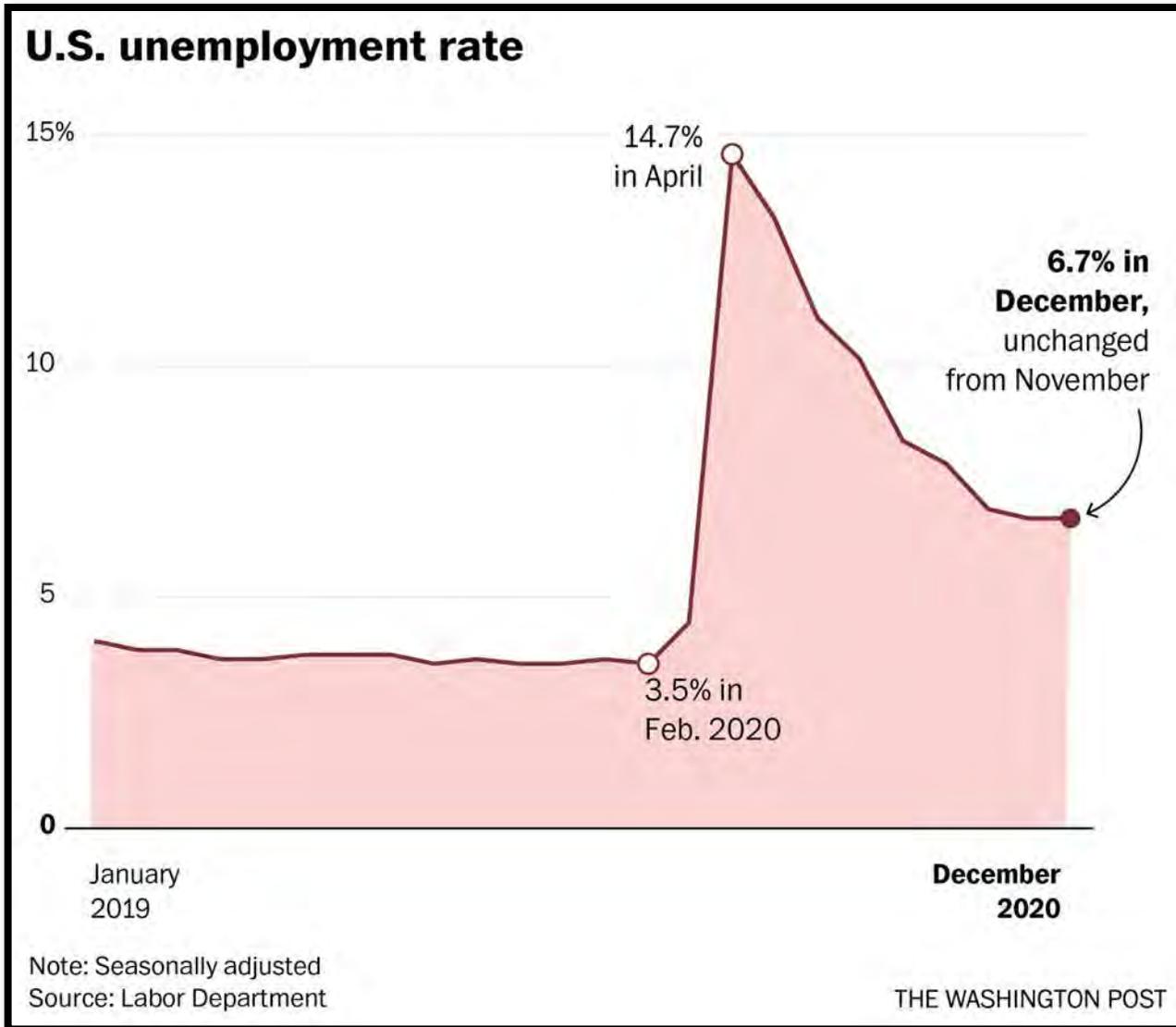
# Cases = 27,400,000

## Maryland State COVID-19 Stats (2.11.21)

# Deaths = 7,467

# Cases = 368,000

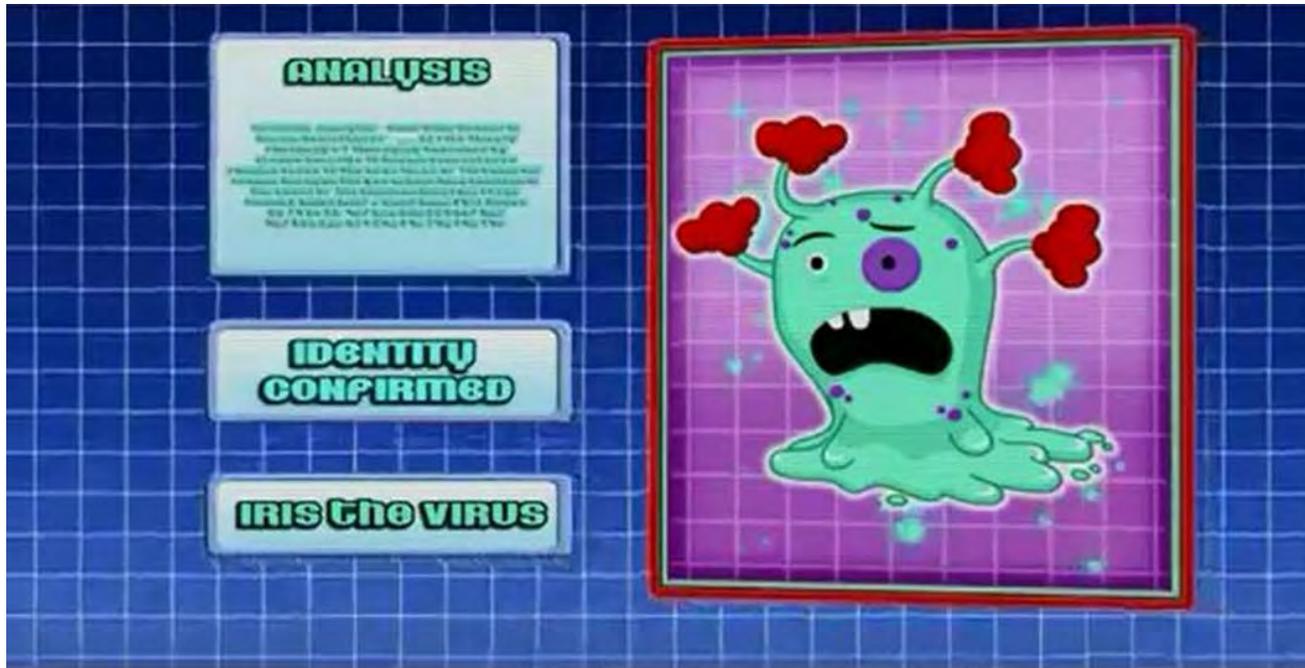




**A pair of Harvard economists estimates that the coronavirus pandemic will cost the nation at least \$16 trillion if it ends by next fall – timing they describe as “optimistic.”**  
–*The Harvard Gazette, Nov 2020*

**The COVID-19 vaccine is our best shot at stopping the pandemic!**

# How Do Vaccines Work?



Vaccines work by showing our bodies' military (immune system) what the enemy (virus) looks like.

Our immune system figures out how to attack, destroy and eliminate the enemy.

Then our immune system saves the information in case they should ever see the virus again.

# mRNA Vaccines are New, but Not Unknown



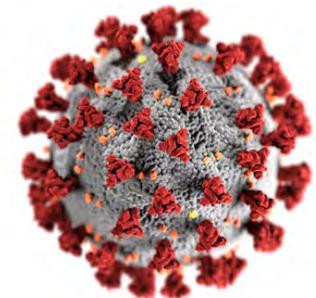
Researchers started studying mRNA in the 1990's.

Cancer research has used mRNA to trigger the immune system to target specific cancer cells.

The mRNA technology teaches our immune system the specific COVID-19 “spike protein” to build antibodies (immunity).

There are many benefits of mRNA including:

- The process can be standardized and scaled up for faster development
- Not a live virus – can NOT get the virus from the vaccine.



# What are the COVID-19 vaccines?

Vaccine	Status	Dosing	Efficacy	Potential Side Effects	Approved Ages
Pfizer	Vaccine has been authorized for emergency use	2 doses, given 3 weeks apart	95% effective at preventing serious illness	Injection-site pain, fatigue, headaches, chills	16 years +
Moderna	Vaccine has been authorized for emergency use	2 doses, given 4 weeks apart	94.1% effective at preventing serious illness	Injection-site pain, fatigue, muscle aches, joint pain, headaches, chills	18 years +
Johnson & Johnson	FDA review begins end of February	1 dose	72% effective	TBD	pending, 18 years +

You must get both doses.

**You need to get 2nd dose from same organization as the first.**

As of 1/26/21, 20 million Americans have received at least their first dose.

**Most side effects last 1-2 days - much better than COVID!**

# After receiving the vaccine...

Must wait at least 15 minutes.

Still wear our masks

Keep our distance

Limit enclosed spaces

Get our 2<sup>nd</sup> COVID-19 vaccine with  
the SAME ORGANIZATION





A smartphone based tool to track any side effects.

# Common Questions:

**Can the COVID-19 vaccine give me COVID-19?**

No.

**Does the vaccine protect against the variant strains of COVID19?**

They strongly believe so.

**I had a positive COVID-19 test, do I still need to be vaccinated?**

Yes. At this point, it appears that natural immunity (from being sick) may not last very long.

# Common Questions continued:

## How was the COVID-19 developed so fast?

Had a head start on the technology and specifically SARS virus. Was properly funded.

Same safety precautions:

- Trial sizes
- FDA independent review and need for approval

## **After I getting my COVID-19 vaccine, will I test positive for COVID-19 on a viral test?**

No. Viral tests are detecting for current infection not antibodies.

## **I have a medical condition, should I still get the vaccine?**

Yes.

**MYTH**

COVID-19 vaccines are used to microchip people.

**FACT – There is NO vaccine microchip and the vaccine will NOT track people.**

**MYTH**

The COVID-19 vaccine will cause infertility.

**FACT – There is no evidence of this. Women became pregnant while in the trials.**

**MYTH**

The COVID-19 vaccine will alter my DNA.

**FACT - mRNA technology does not alter DNA.**

# Putting it all together!

The COVID19 vaccines are safe and will not give you COVID 19

Vaccines help prevent you from getting seriously ill with COVID 19.

Must have both doses to protect yourself.

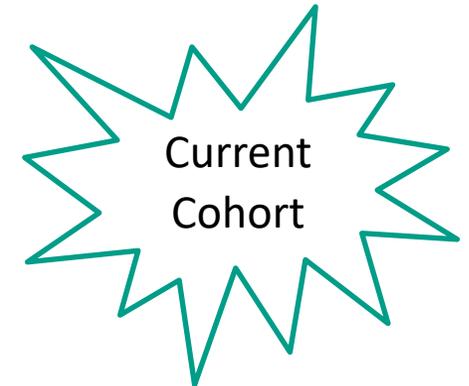
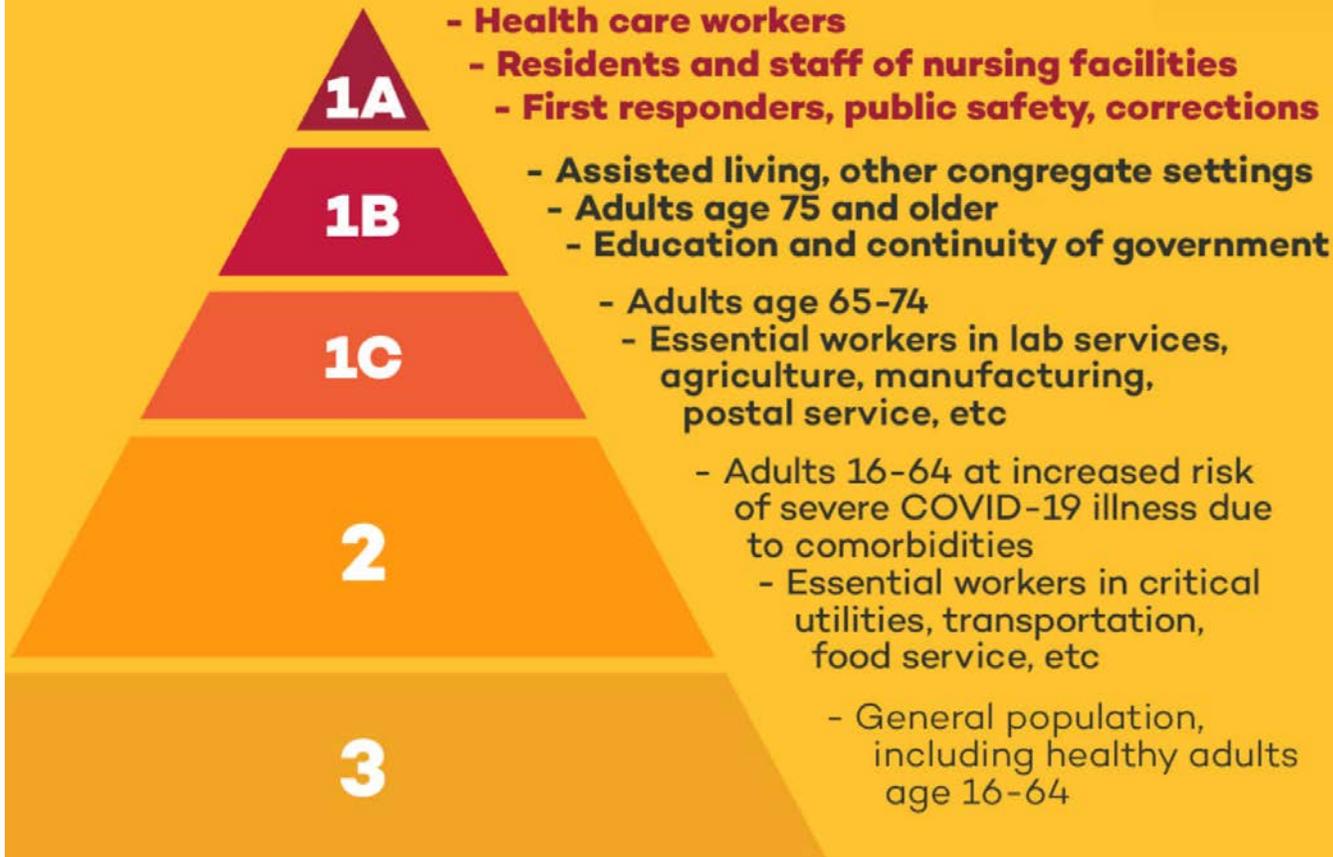
Mild side effects are normal.

After being vaccinated you still need to wear a mask, stay 6 feet apart and limit enclosed spaces with people outside your household.



# MARYLAND COVID-19

# VACCINE PRIORITY



# Vaccination Communications

## Maryland State

WEBSITE- [covidvax.Maryland.gov](https://covidvax.Maryland.gov)  
- find clinics near you  
TEXT - "MD ready" to 898211  
CALL – 1-855-634-6820

## Anne Arundel County

WEBSITE – [www.aahealth.org/covidvaccines](http://www.aahealth.org/covidvaccines)  
TEXT – "Join" to 30890

**Howard County - See Maryland State**

## Luminis Health

WEBSITE – [www.luminis.health/community-vaccine](http://www.luminis.health/community-vaccine)

# COVID 19 Vaccination

**In the US** (2.11.21)

**34.7** MILLION doses administered

**11.2** MILLION completed the series

**In MARYLAND** (2.11.21)

785,170 doses administered

499,025 completed the series



Source: USNews and [maryland.gov](https://www.maryland.gov) 1.24.21



I received both doses of the COVID-19 vaccine.

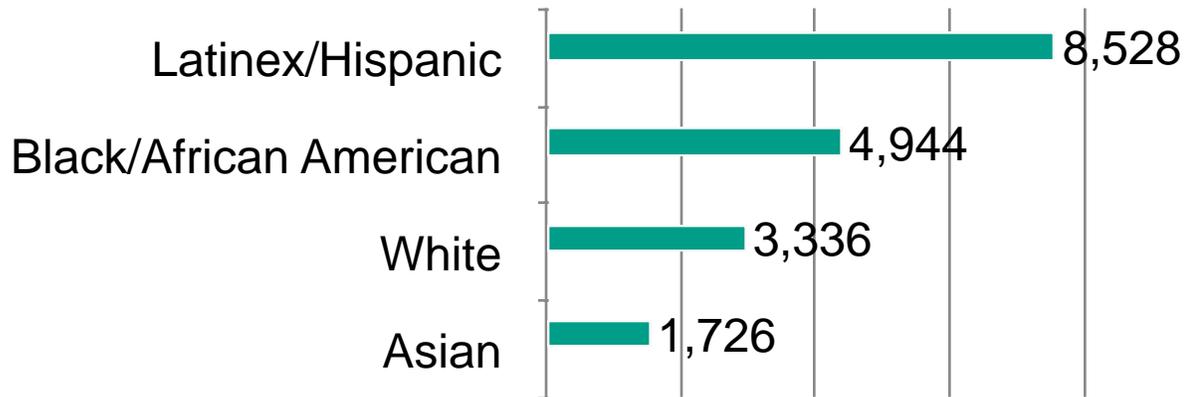




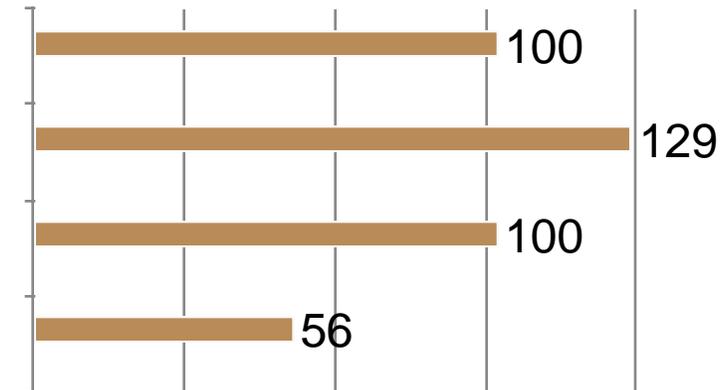
**QUESTIONS?**

# Impact of COVID19 by Race in Maryland

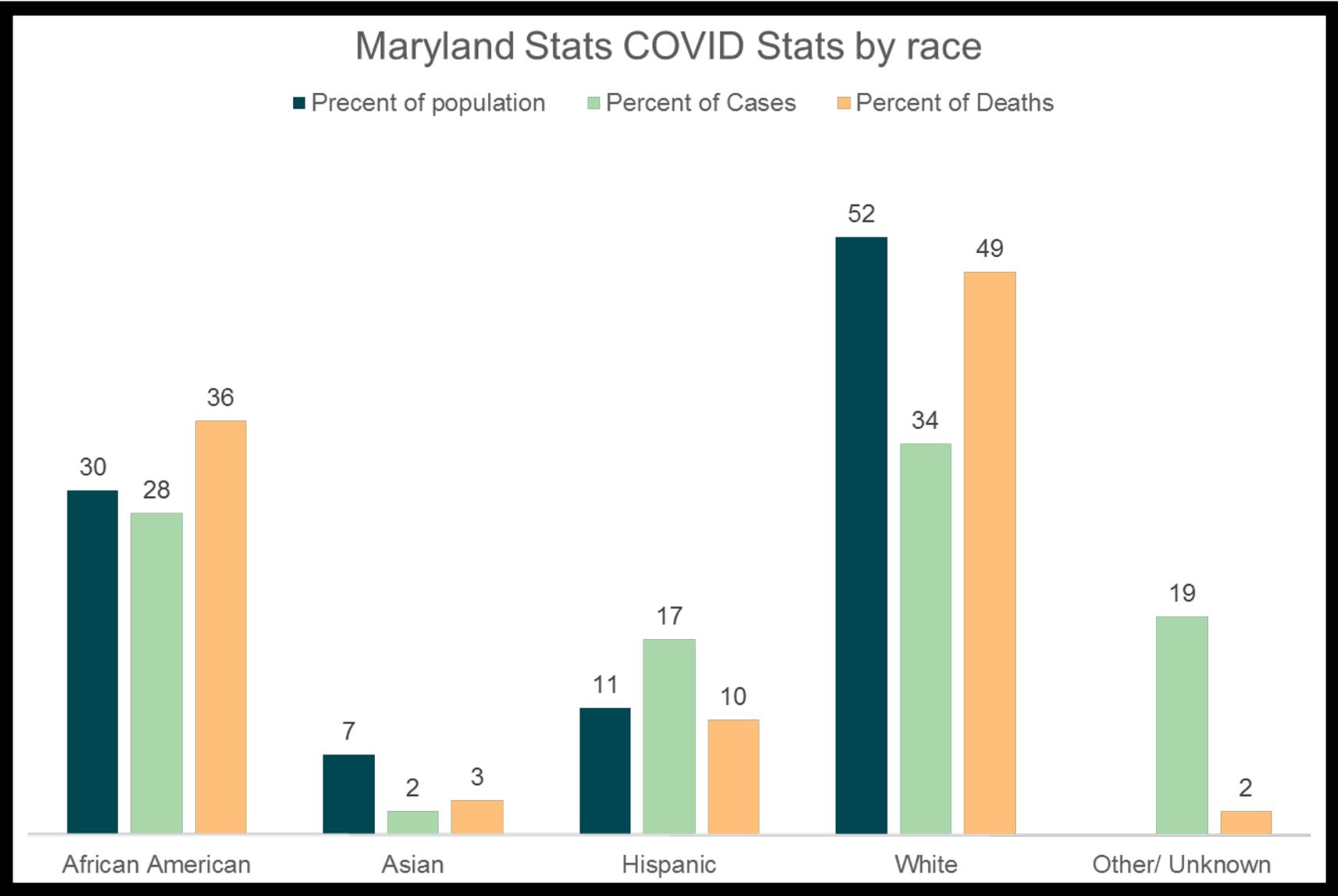
Cases per 100,000 people



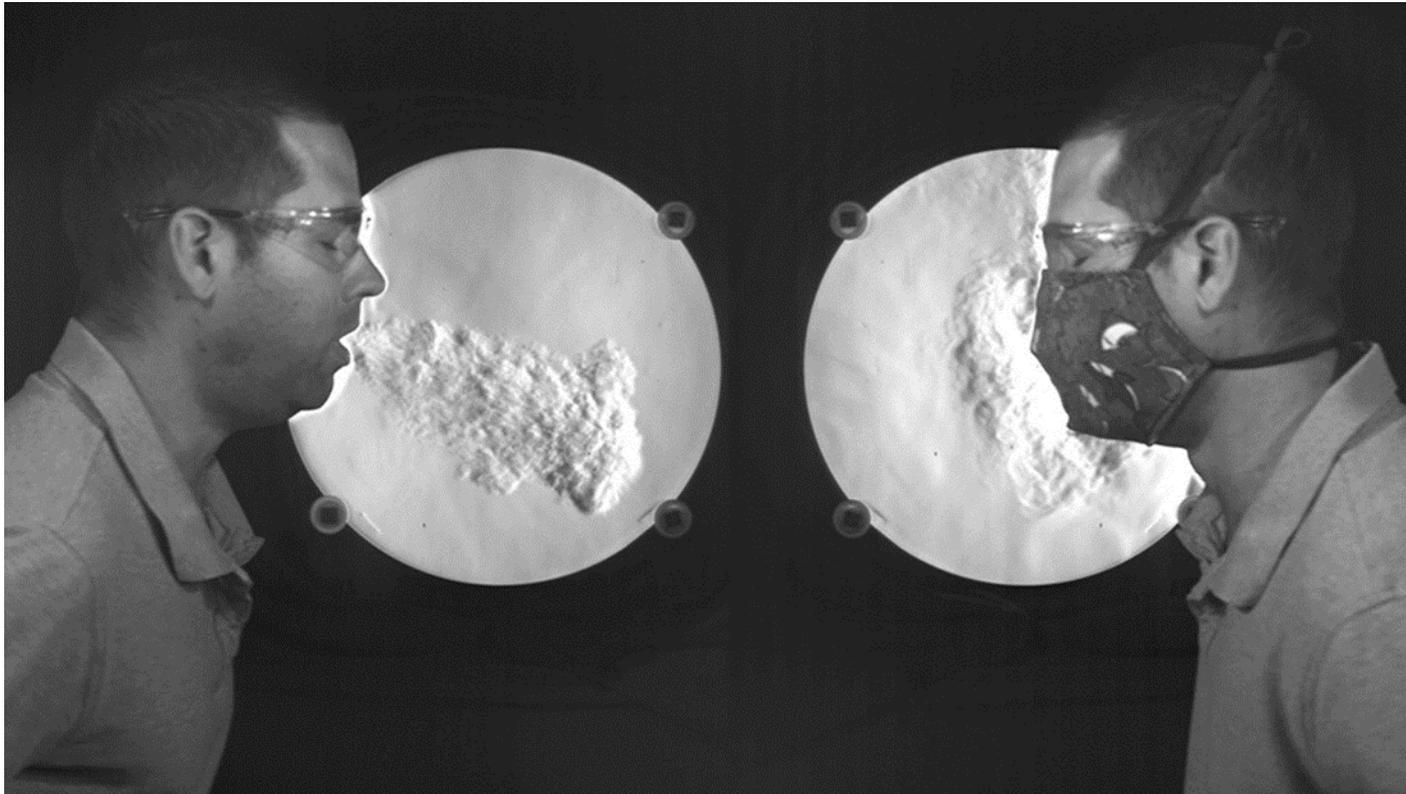
Deaths per 100,000 people



\*Maryland has reported race and ethnicity data for 85% of cases and 99% of deaths.



# Scientists now believe COVID-19 is primarily spread through respiratory droplets.



If need to be around those outside of your household....

Wear masks

Keep physical distance

Limit enclosed spaces

**As always...**

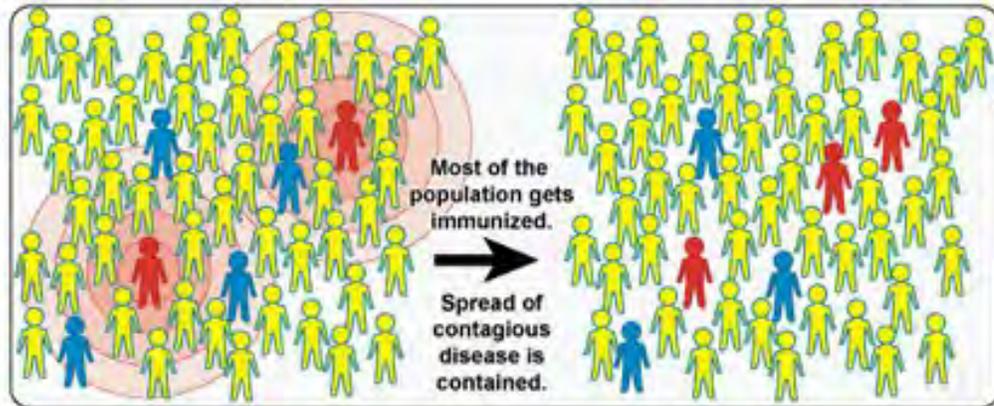
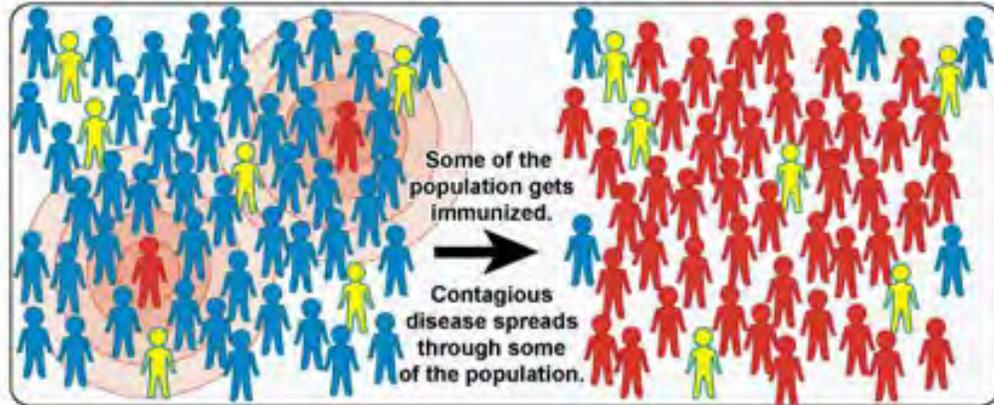
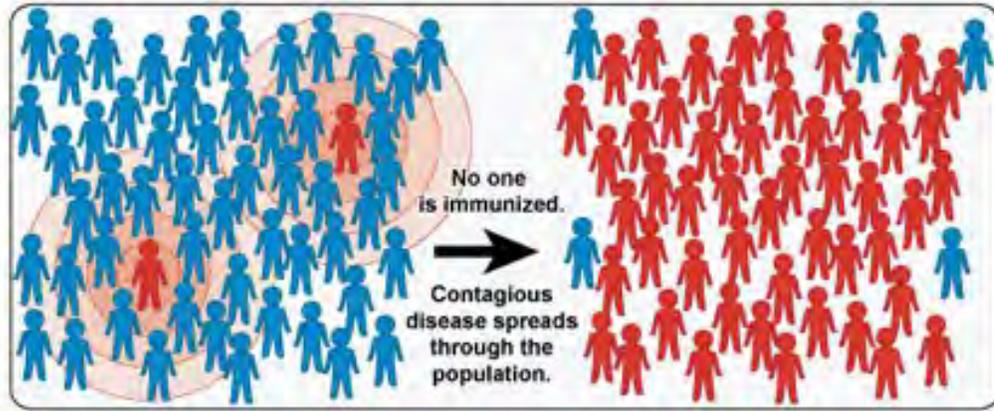
Cover sneezes and coughs

Wash hands

 = not immunized but still healthy

 = immunized and healthy

 = not immunized, sick, and contagious



# What is “herd immunity”?

Limits the chain of transmission = less outbreaks

Protects members of the community who can not be vaccinated

*“Achieving herd immunity with safe and effective vaccines makes diseases rarer and saves lives.” –World Health Organization*

# Who were enrolled in the vaccination trials?

Who was Enrolled?	Pfizer	Moderna
Females	49%	47%
Average Age	50 years	51 years
Black/African American	10%	10%
White	82%	79%
Asian	4%	5%
Latinex/Hispanic	26%	21%
High Risk Condition	21%	22%

# Why should you get the COVID-19 vaccine?



**PROTECTION:** Protects you and those around you from COVID 19.

**PROMISING RESULTS:** Our bodies learn how to protect against future infection without the risk of serious consequences of getting sick with the virus .

**PANDEMIC ENDING:** Vaccines are our best shot at ending the COVID-19 pandemic.

**MINIMAL SIDE EFFECTS:** The most common side effects are soreness at injection site, fever, or body aches.

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## Anne Arundel County

WEBSITE – [www.aahealth.org/covidvaccines](http://www.aahealth.org/covidvaccines)  
TEXT – "Join" to 30890

## Prince George's County

WEBSITE - [www.princegeorgescountymd.gov/3730/COVID-19-vaccination](http://www.princegeorgescountymd.gov/3730/COVID-19-vaccination)

## Luminis Health

WEBSITE – [www.luminis.health/community-vaccine](http://www.luminis.health/community-vaccine)

# Anne Arundel County Vaccine Help

## Need help registering?

- If have email...  
a family member, friend or adult can help register you.

- If NO email...  
you can call 410-222-3663 for assistance from Anne Arundel County staff.

You can also call any AACPL branch for assistance

## Need help with transportation to receive the vaccine?

For demand response, curb to curb service call 410-222-0023 or 410-222-0047.

For taxi vouchers call 410.222.4222.

TTY users please call via Maryland Relay 7-1-1

**Luminis Health**

