



Coronavirus Disease 2019 (COVID-19)

[What You Need to Know About Variants - YouTube](#)

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What you need to know about VARIANTS.

Variants? Have you heard scientists talk about variants?

Are you CONFUSED?

Here's what you need to know...

Viruses constantly change through a process called mutation.

As a virus mutates, new variants emerge.

This process is normal and expected.

Imagine that a virus is like a tree.

As the tree grows, branches grow.

Now think about branches on a tree,...

... how they are all similar but still different, just like variants.

Sometimes new variants emerge but die off.

Other times, new variants are strong enough to continue growing and can spread widely.

Branches can grow around things that block their paths.

In the same way, some variants can resist things, like vaccines and treatment, that try to block their path.

When that happens, those variants must be watched more carefully.

Scientists study and compare variants so that they can track their spread and know when a more dangerous variant emerges.

Do your part to stop the spread of COVID-19 variants.

FIND A COVID-19 VACCINE NEAR YOU.

www.vaccines.gov

Text your zip code to 438819

Call 1-800-232-0233