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## Do Masks Affect CO2 Levels?

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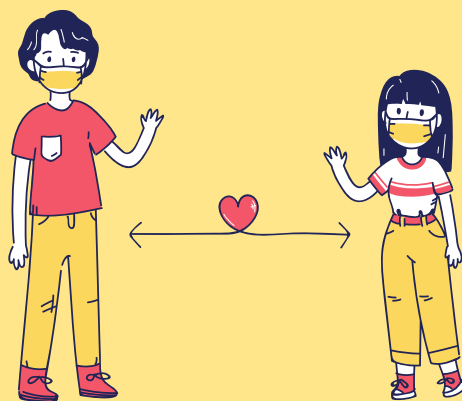
Nina Bourdeau, Ahmed Chaaban, Turner Miller, Alexandra Rogers, Eyouab Tadesse, and Sophie Wittenberg

# DO MASKS AFFECT CO2 LEVELS?

Bordeau N., Chaaban A., Miller T., Rogers A., Tadesse E., Wittenberg S., Wayne State University School of Medicine 2020



## Why wear a mask?



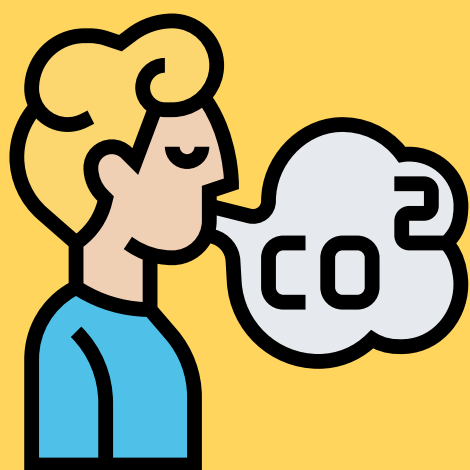
**245K+**

Current deaths due to COVID in the US

**100K+**

Current new cases of COVID in the US per day

## What is CO2 and why is too much bad?



Carbon dioxide is a waste product that you exhale. Too much is toxic to breathe in, **a little bit is important** for your body to function!.

## What does the research say?

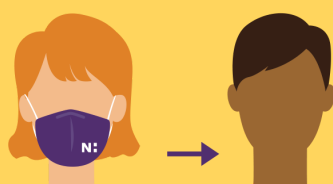
Wearing a mask **does not** increase CO2 levels enough to be harmful in a healthy person.

*"Multi-layer cloth masks can both **block up to 50-70%** of these fine droplets and particles, and limit the forward spread of those that are not captured"- Center for Disease Control*

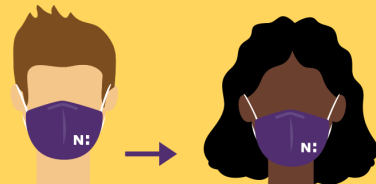
## Mask wearing decreases the spread of COVID-19!



**High risk**



**Medium risk**



**Low risk**

## SOURCES:

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