

# Reproduction Rate $R_t$

Beware nerd factor 3/10

According to <https://rt.live/> the reproduction rate is:

... a key measure of how fast the virus is growing. It's the average number of people who become infected by an infectious person. If  $R_t$  is above 1.0, the virus will spread quickly. When  $R_t$  is below 1.0, the virus will stop spreading.

The site is dynamic and lets you look at  $R_t$  across the country. Guess which state has the 2<sup>nd</sup> lowest  $R_t$  – New Jersey Rocks. 17 states are above 1, leaving NC at one and 32 below 1.

The buttons near the top of the page let you see how they've shifted over time. Check out the "Highlight States" button.

There are many way to calculate  $R_t$  and different assumptions. This way is better than mine but much more difficult.

