



COVID-19:

VIABILITY ON SURFACES

Scientists investigated how long the virus remained infectious on these surfaces, according to the study that appeared online in the New England Journal of Medicine on 3/17/20.

PLASTIC STAINLESS STEEL

Viable virus could be detected after **THREE DAYS**.



AEROSOLS

Virus viable for **AT LEAST 3 HOURS** when carried by the droplets released when someone coughs or sneezes.



CARDBOARD

Virus was not viable after **24 HOURS**.



COPPER

Virus took **4 HOURS** to become inactivated.



HALF-LIFE

The research team found that it takes about **66 MINUTES** for half the virus particles to lose function if they are in an aerosol droplet. That means that after another **1 HOUR AND 6 MINUTES**, three quarters of the virus particles will be essentially inactivated but **25% will still be viable**.