

Touching Common Surfaces and Disease Transmission

Statistics and Information Links



Surfaces can be contaminated easily

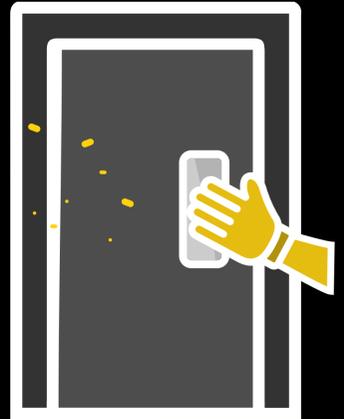


droplets from a sneeze can travel as far as

27 FEET

coughing spreads droplets over

19 FEET



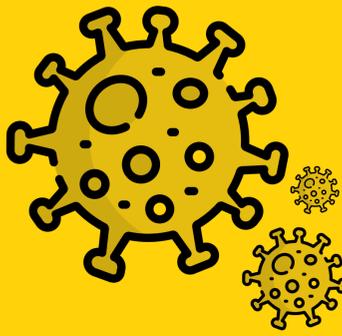
<https://www.nationalgeographic.com/science/2020/04/coronavirus-covid-sneeze-fluid-dynamics-in-photos/>, <https://www.sciencefocus.com/the-human-body/how-far-do-coughs-and-sneezes-travel/>

Viruses can live for days on surfaces

SARS-CoV-2 (the virus which causes COVID-19) was still detectable after

28 DAYS

on stainless steel, glass, polymer, vinyl and paper



SARS-CoV-2 virus was found on hospital PPE (both plastic and N95 mask material) up to

21 DAYS

when held at room temperature

<https://virology.biomedcentral.com/articles/10.1186/s12985-020-01418-7> (October 2020)
Kasloff SB, Strong JE, Funk D, Cutts TA. Stability of SARS-CoV-2 on critical personal protective equipment. medRxiv. 2020;2020.06.11.20128884.

We touch surfaces all day long



bathroom door handles in schools

touched up to **2,000** times in one school day

can harbor up to **40,000** harmful germs per square inch



99% of school children don't wash hands sufficiently to remove bacteria

<https://www.stericore.net/schoolslr.pdf>

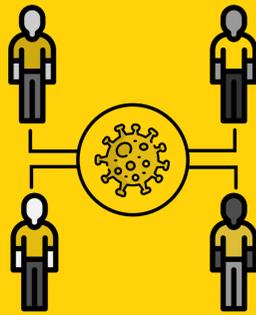
In a research of an office space, within

2-4 HOURS,

traces of simulated virus placed on common doorknobs and tabletops have been picked up by

40-60%

of the office workers



<https://www.cbsnews.com/news/one-germy-doorknob-can-infect-half-your-office-within-hours>



In **15 MINUTES,**
24 PEOPLE

touched the door handle of a county courthouse (~768 people/day assuming 8h/day)

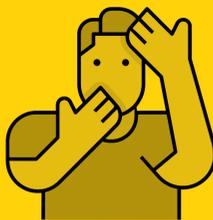
<https://kimatv.com/news/local/how-often-are-you-touching-germs>

We cannot keep our hands away from our faces

graduate students touched their faces

23 TIMES

per hour



medical professionals touched their faces

19 TIMES

in 2 hours

<https://pubmed.ncbi.nlm.nih.gov/25637115/>, <https://www.jabfm.org/content/27/3/339.long>

Eliminating the need to touch door handles, bars and plates helps stop the spread of germs and viruses



Learn more about touchless access solutions to help keep people safe and healthy

<https://www.stanleyaccess.com/touchless>