



THE OHIO STATE UNIVERSITY

SUSTAINABILITY INSTITUTE

COVID-19: Ohio's Safe Return

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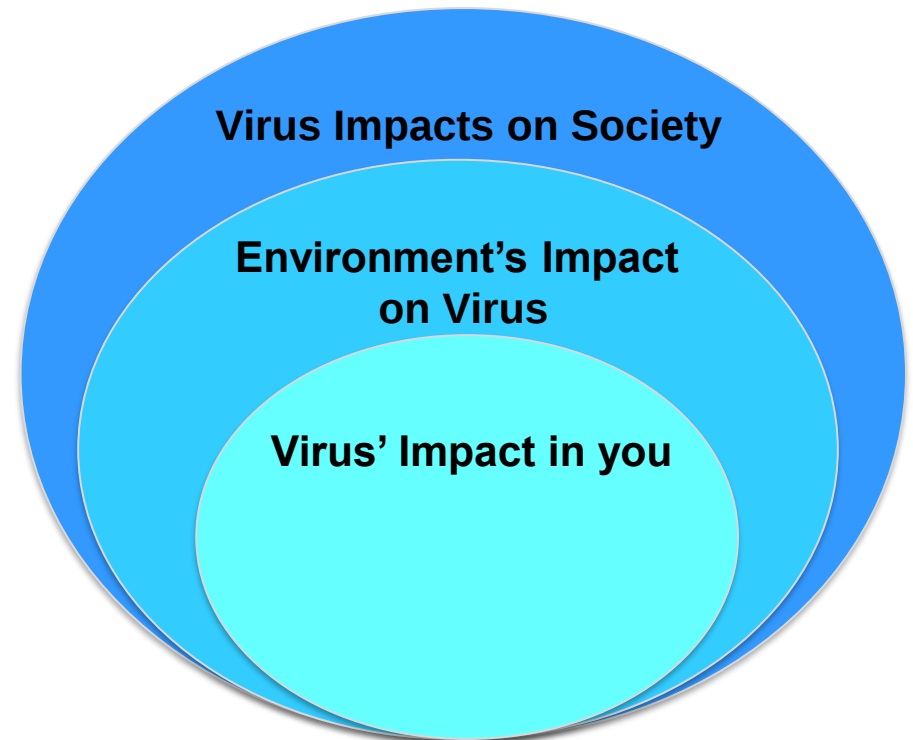
Understand the Hazard – Envision the Options

► How does the **virus** transmit to you?

- Droplets
- Surfaces
- Cross contamination

► How does this happen?

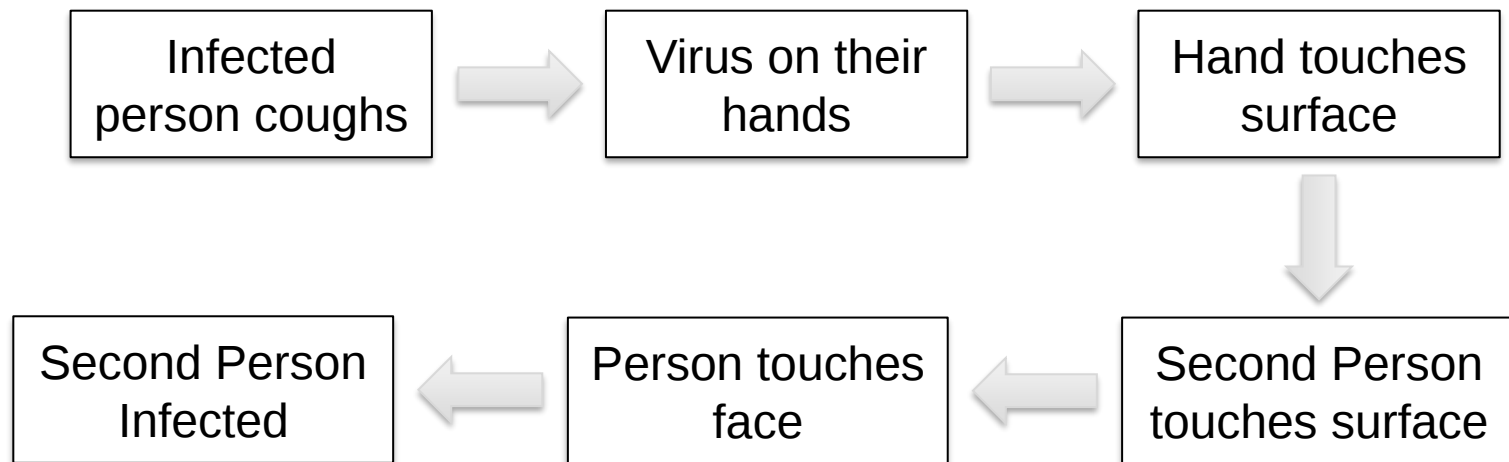
- Viruses must be coughed/sneezed
- Viruses contact mucous membranes
 - ▶ Droplet contact
 - ▶ Hand-to-surface-to-face
 - ▶ Close contact with infected person
 - ▶ Less than 6 – 10 feet for more than 5 minutes





Understand the Environment – Envision the Options

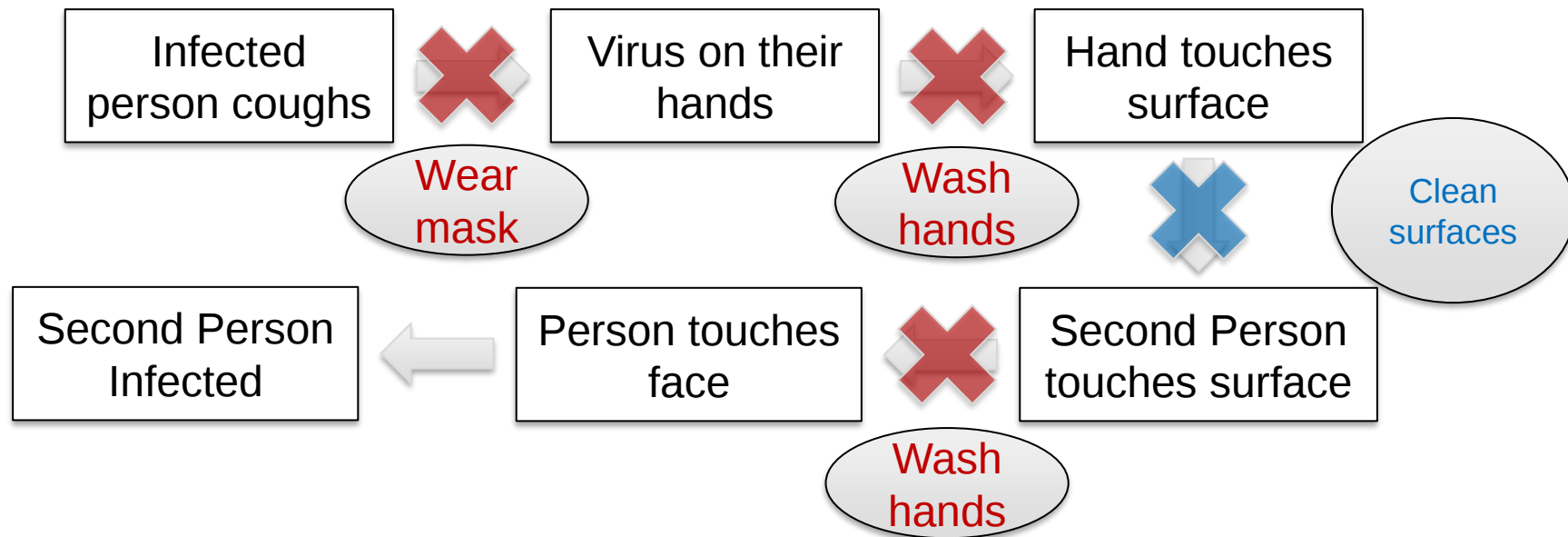
Infection Process





Understand the Environment – Envision the Options

Interrupted Infection Process





Model the Environment – Support the Decisions

- ▶ A model is a faithful representation of the real world
- ▶ Allows us to consider “what ifs”
- ▶ Supports and gives decision options

