



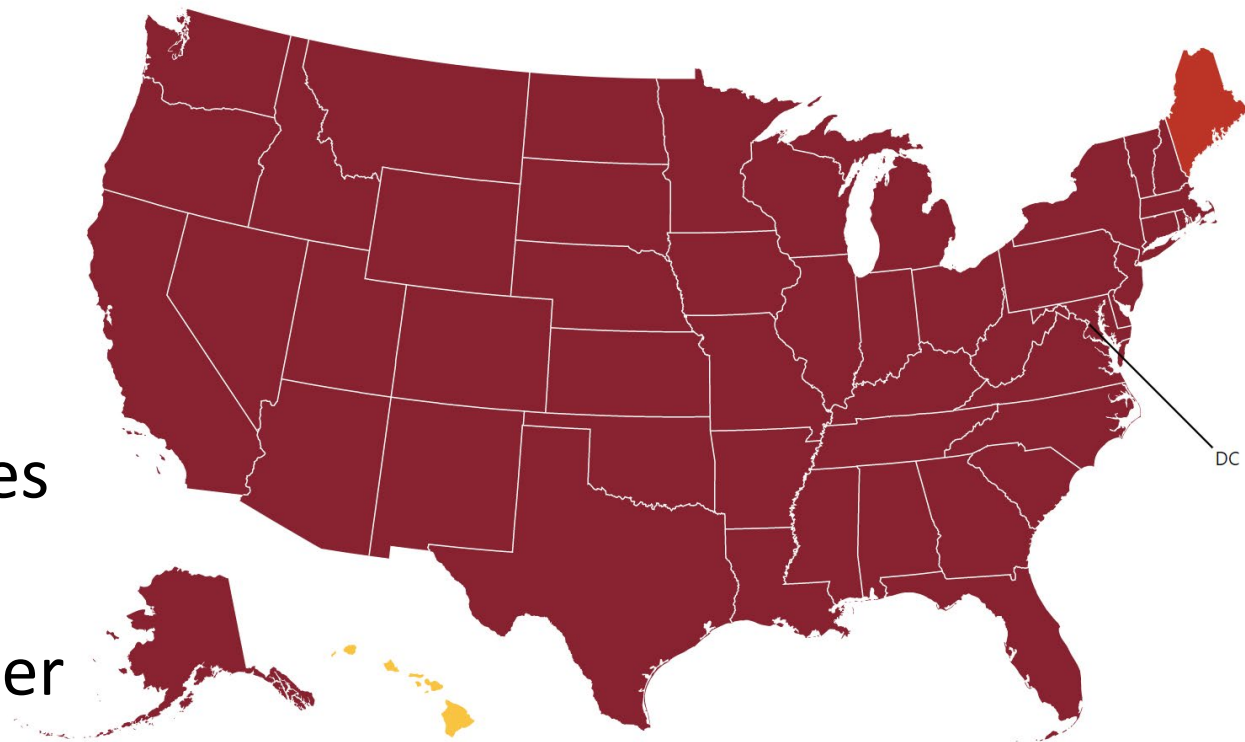
COVID-19 Update

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Medical Director NEBGH



Monday November 23rd 2020

- 12+M cases
- 257K deaths
- 196K new cases per day
- 2000 deaths per day



Uncontrolled
Spread

Trending
Poorly

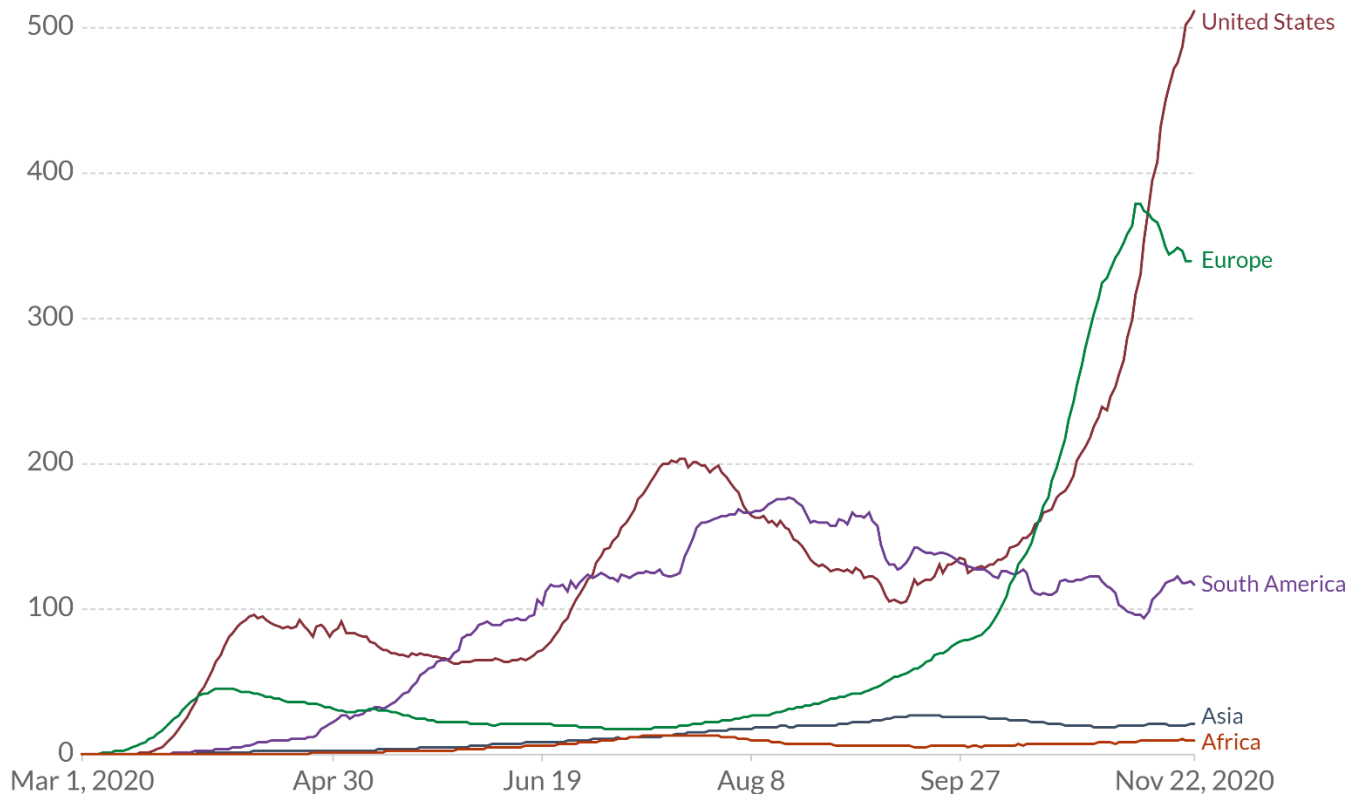
Caution
Warranted

Trending
Better

Daily new confirmed COVID-19 cases per million people

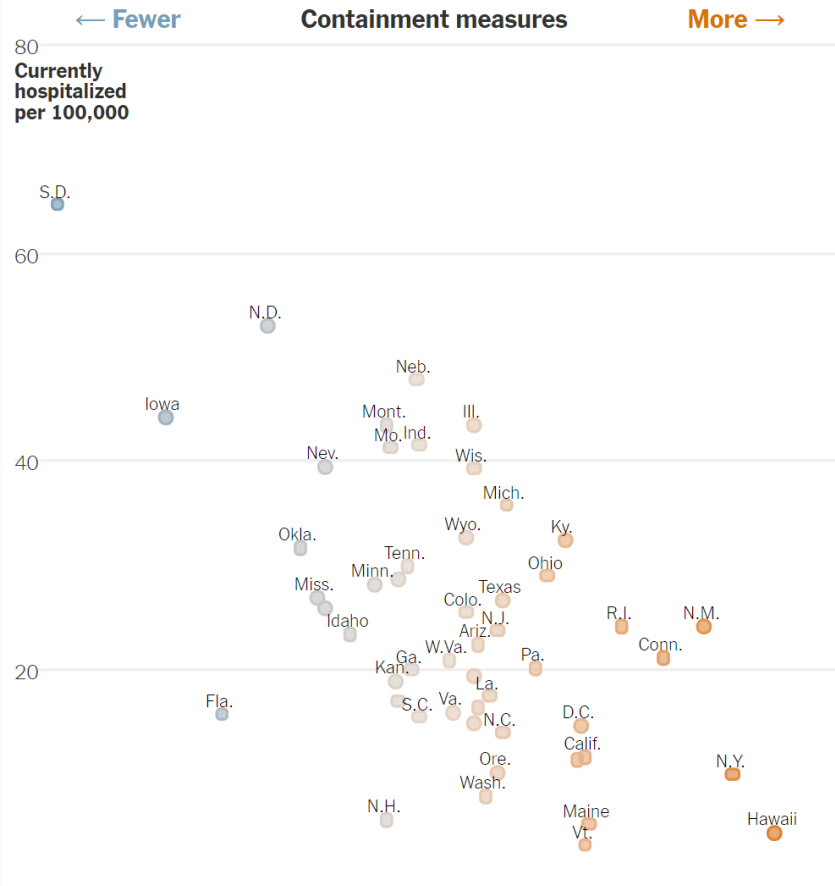
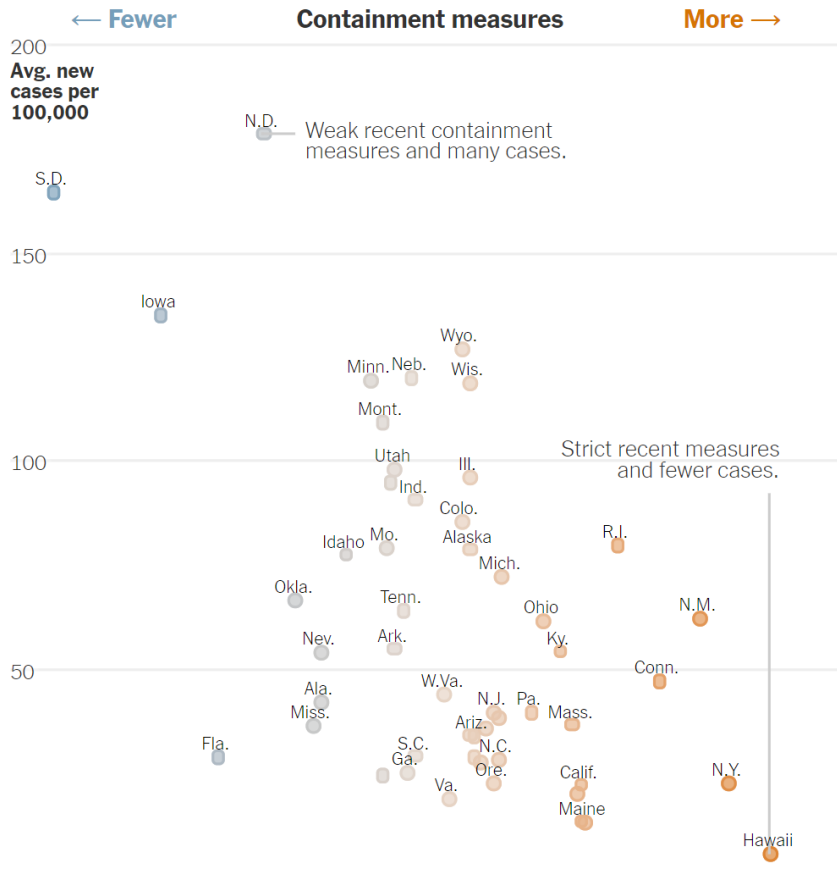
Shown is the rolling 7-day average. The number of confirmed cases is lower than the number of actual cases; the main reason for that is limited testing.

Our World
in Data



Source: European CDC – Situation Update Worldwide – Last updated 22 November, 10:06 (London time)

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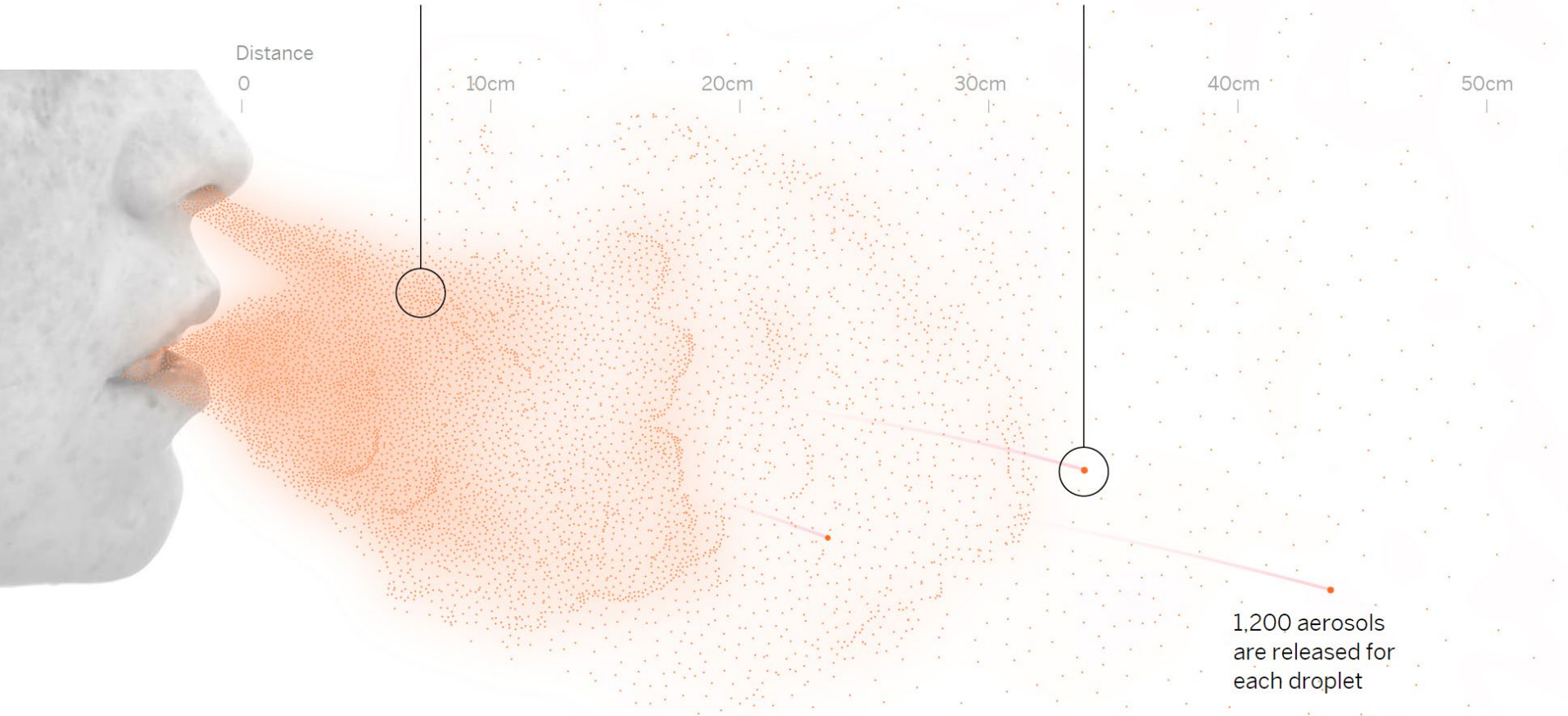
Note: Cases and hospitalizations are data from Nov. 16. Containment measures are as of Nov. 1. Sources: [Oxford Covid-19 Government Response Tracker](#), [New York Times database](#) of reports from state and local health agencies and hospitals

Aerosols

These are respiratory droplets that are less than 100 micrometers in diameter that **can remain suspended in the air for hours**

Droplets

These are particles that are larger than 300 micrometers and, due to air currents, **fall to the ground in seconds**



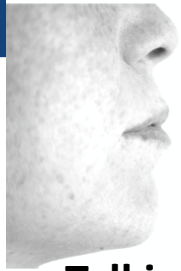


Silent

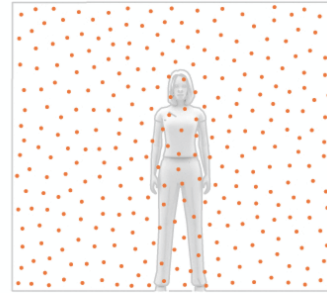
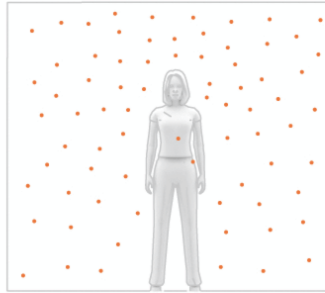
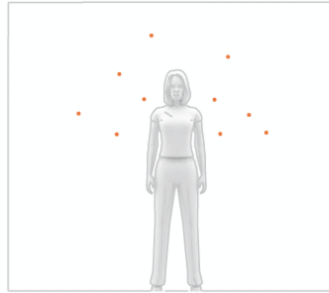
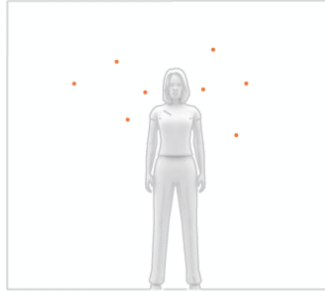
2 Minutes

15 minutes

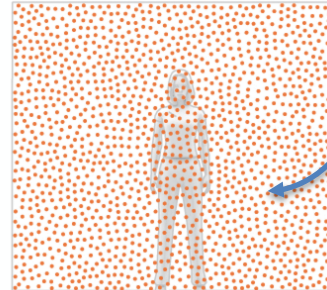
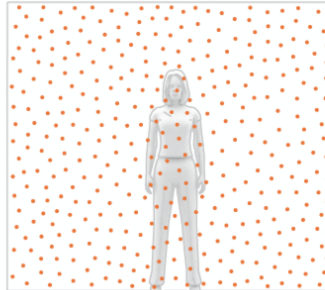
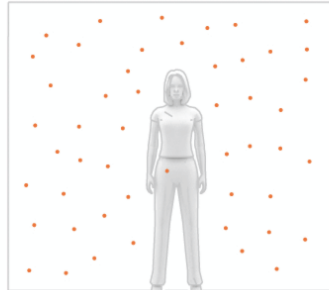
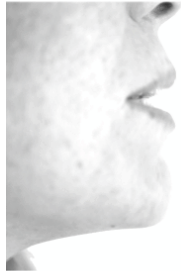
1 Hour



Talking



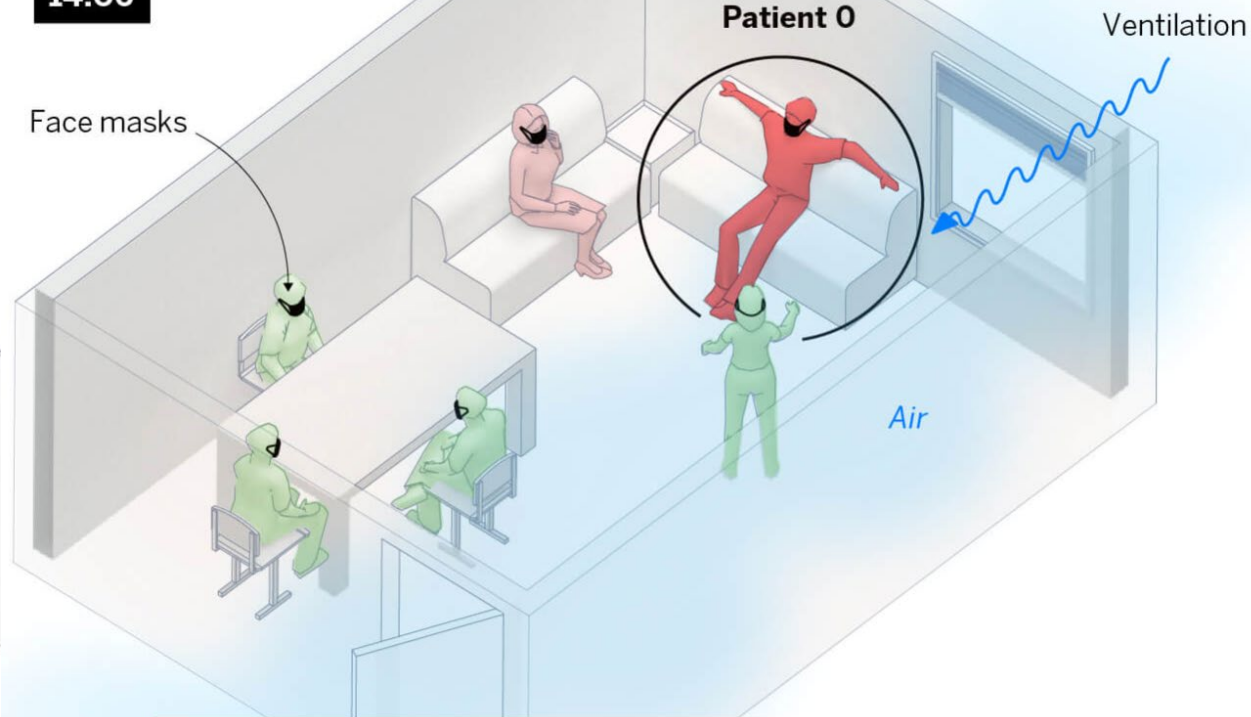
Singing or shouting



In the worst-case scenario – shouting or singing in a closed space for an hour – a person with Covid-19 releases **1,500 infectious doses**.

Ventilating space and reducing duration

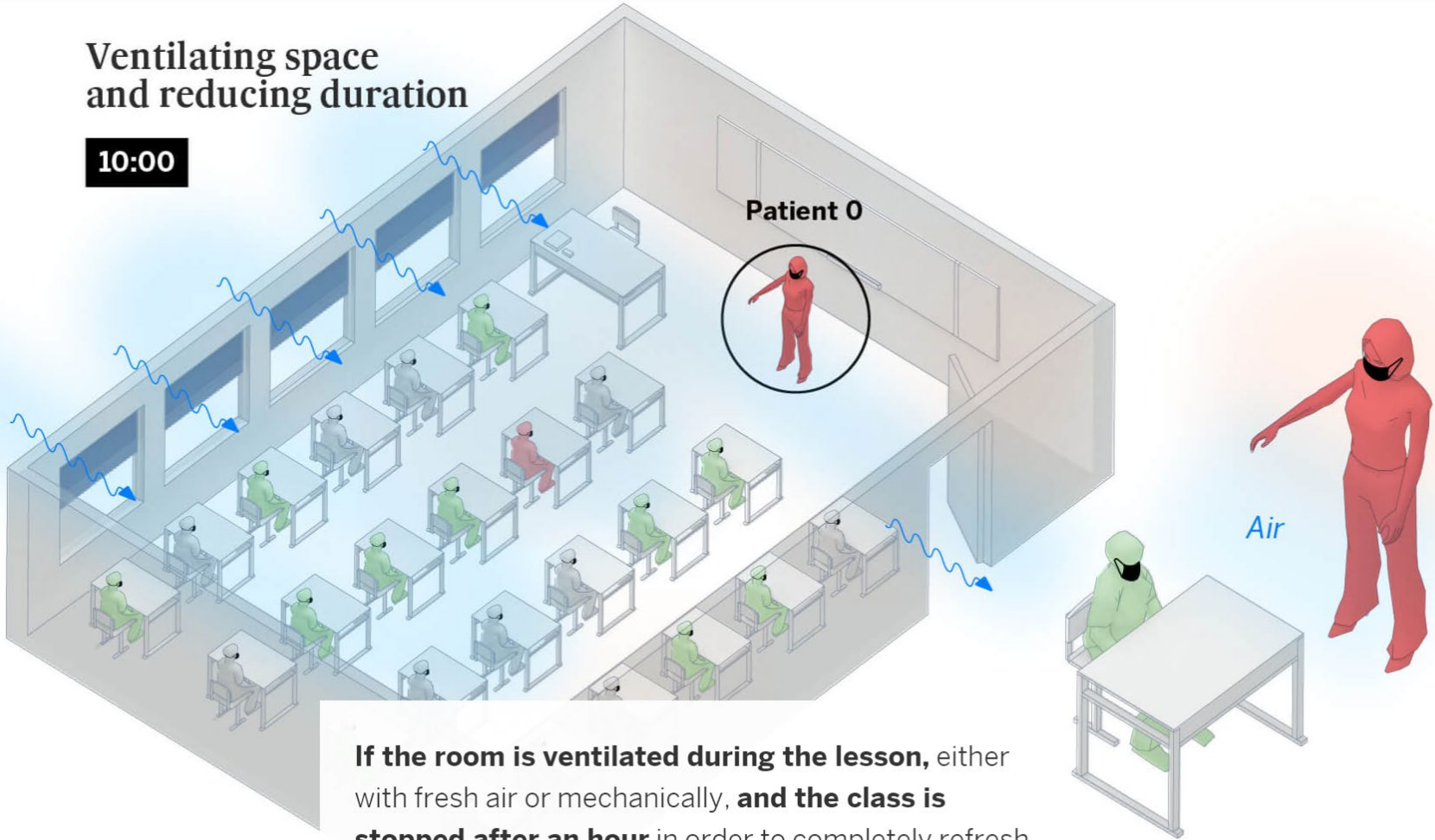
14:00



The risk of infection drops to below one when the group uses face masks, shortens the length of the gathering by half and ventilates the space used.

Ventilating space and reducing duration

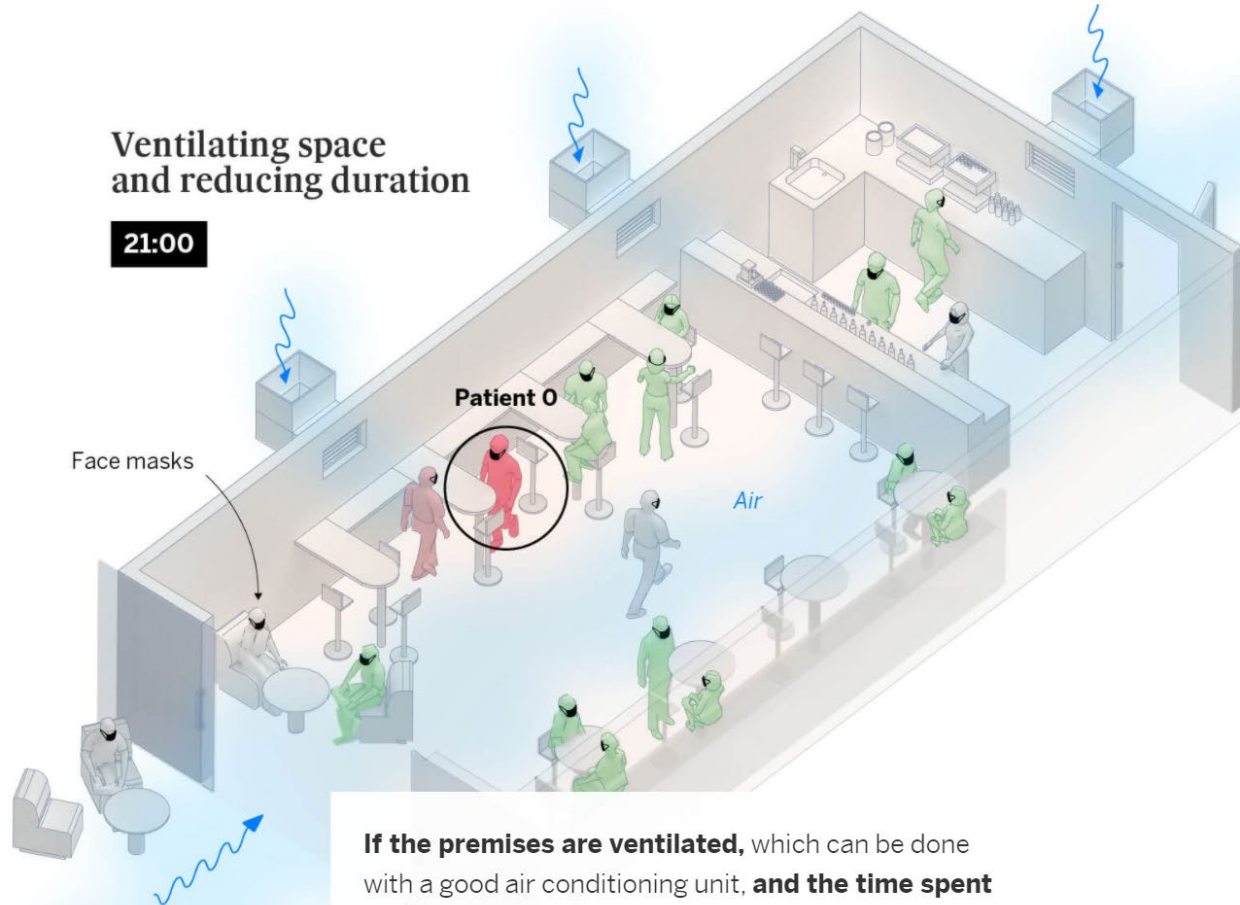
10:00



If the room is ventilated during the lesson, either with fresh air or mechanically, and the class is stopped after an hour in order to completely refresh the air, the risk drops dramatically.

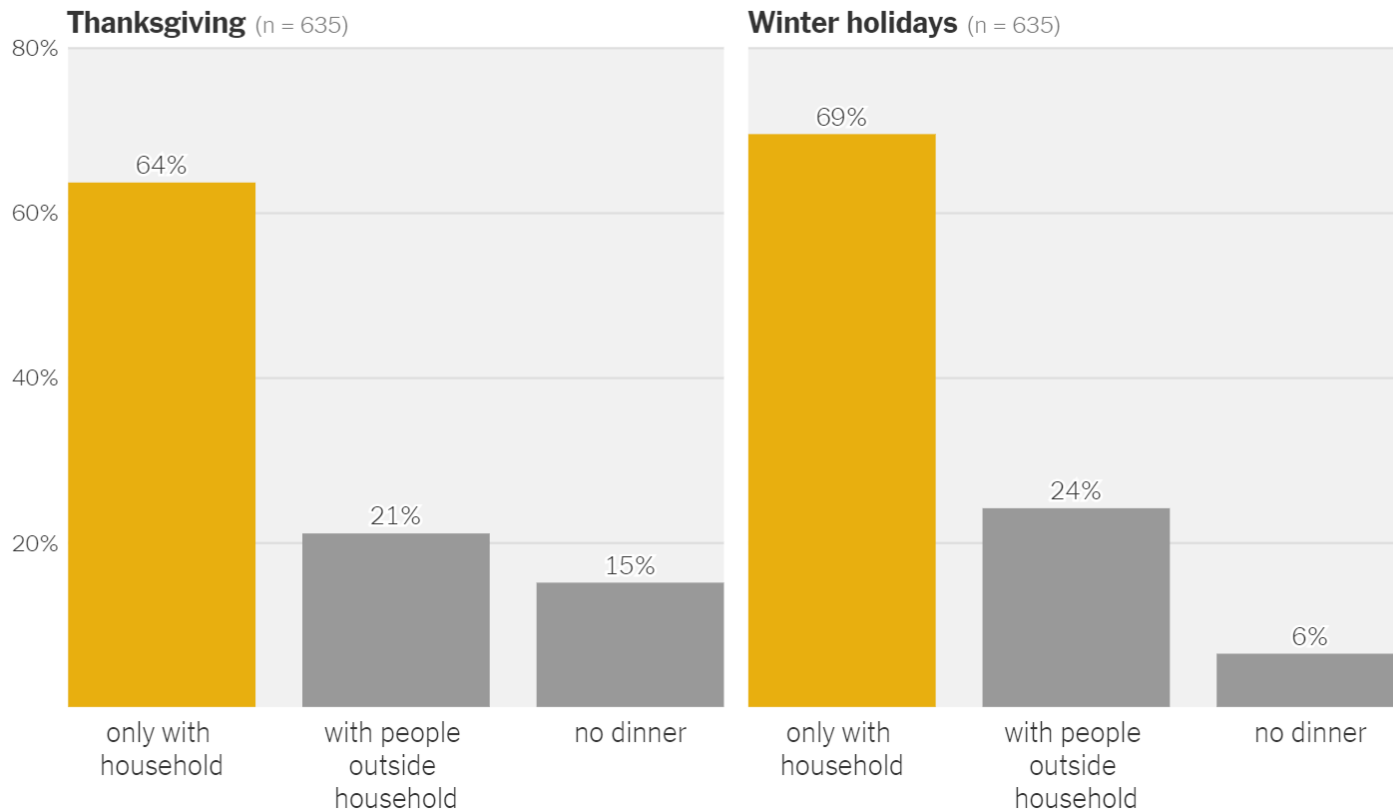
Ventilating space
and reducing duration

21:00

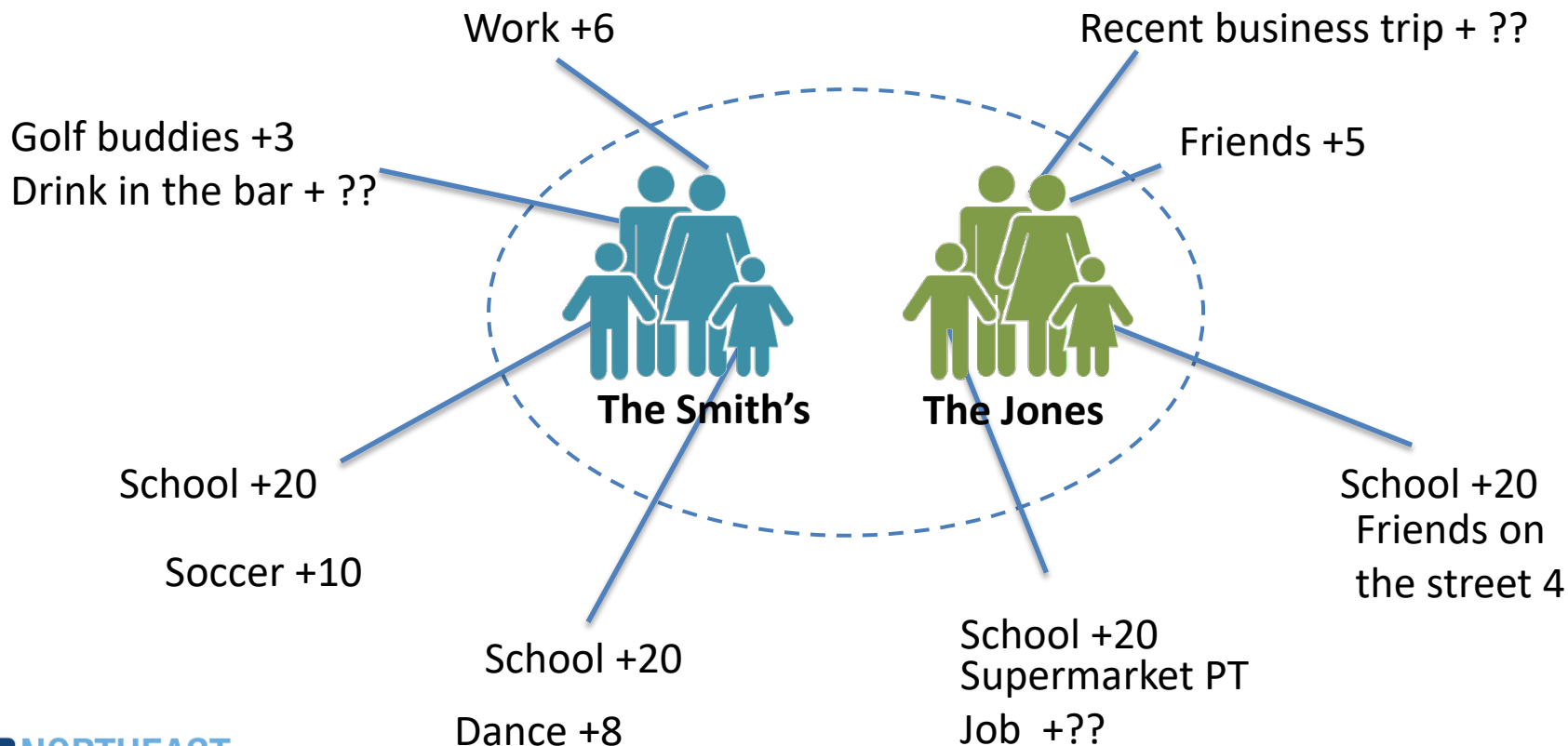


If the premises are ventilated, which can be done with a good air conditioning unit, **and the time spent in the bar is shortened**, there is only the risk that one person will be infected.

How 635 epidemiologists are spending the holiday season



Who's Coming for Thanksgiving



Better a Zoom Thanksgiving Than an ICU Christmas!







Questions