



COVID-19 Update

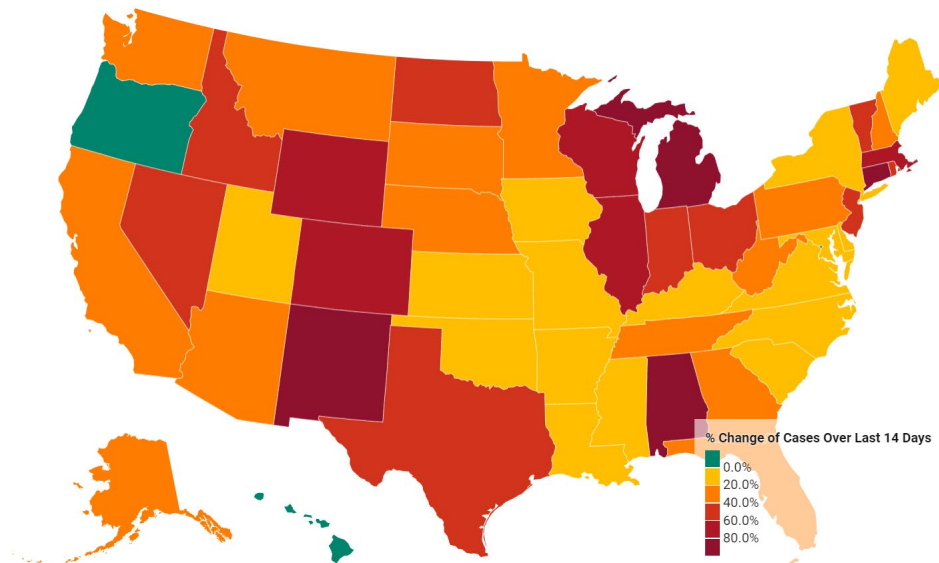
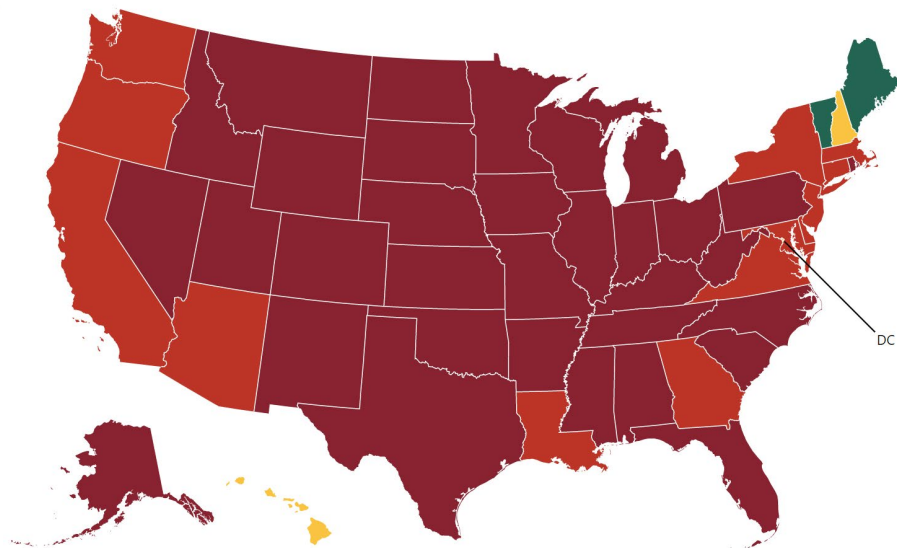
Dr Mark Cunningham-Hill
Medical Director NEBGH

Monday October 26th 2020



"It's my support group for Zoom Fatigue Syndrome."

Spread and Increase



Uncontrolled
Spread

Trending
Poorly

Caution
Warranted

Trending
Better

Data Oct 25th, 2020 <https://www.covidexitstrategy.org/>

Daily new confirmed COVID-19 cases

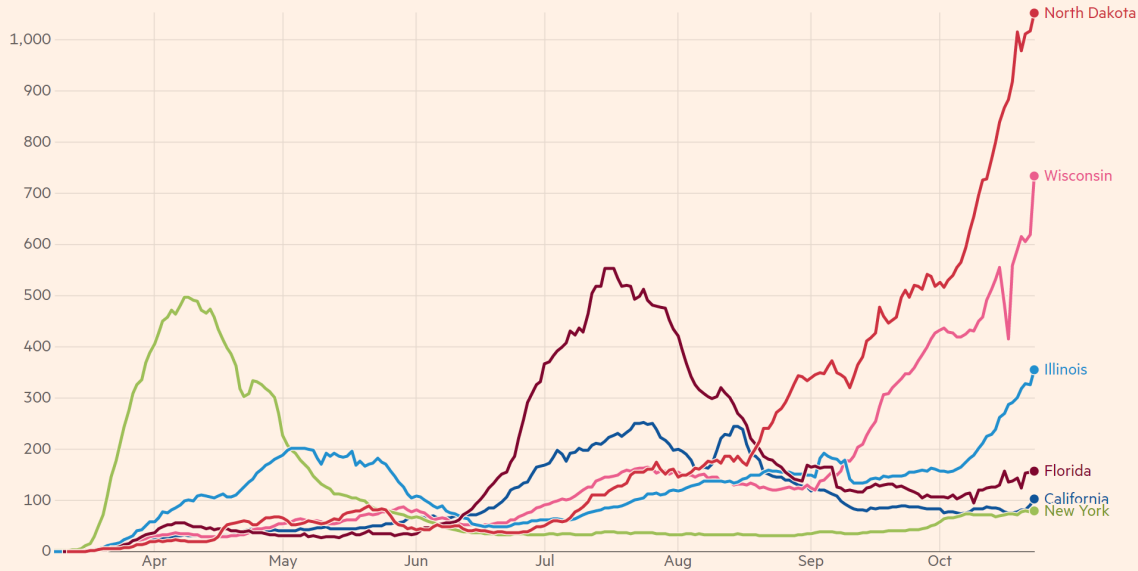
Shown is the rolling 7-day average. The number of confirmed cases is lower than the number of actual cases; the main reason for that is limited testing.



Source: European CDC – Situation Update Worldwide – Last updated 25 October, 19:30 (London time)

New confirmed cases of Covid-19 in California, Wisconsin, New York, Illinois, Florida and North Dakota

Seven-day rolling average of new cases (per million)



BRACE YOURSELVES

WINTER IS COMING

quickmeme.com



Potential Impact

- Increasing cases followed by hospitalizations and deaths
- Increased government lock downs
 - May be more targeted than blanket
- Transition back to remote work
- Increasing contacts and subsequent quarantines – impact on essential workers

CDC – When to Quarantine



- Significant Exposure to :
 - Person with COVID-19 who has symptoms
 - In the period from 2 days before symptom onset until they meet criteria for discontinuing home isolation
 - can be laboratory-confirmed or a clinically compatible illness
 - Person who has tested positive for COVID-19 but has not had any symptoms
 - In the 2 days before the date of specimen collection until they meet criteria for discontinuing home isolation

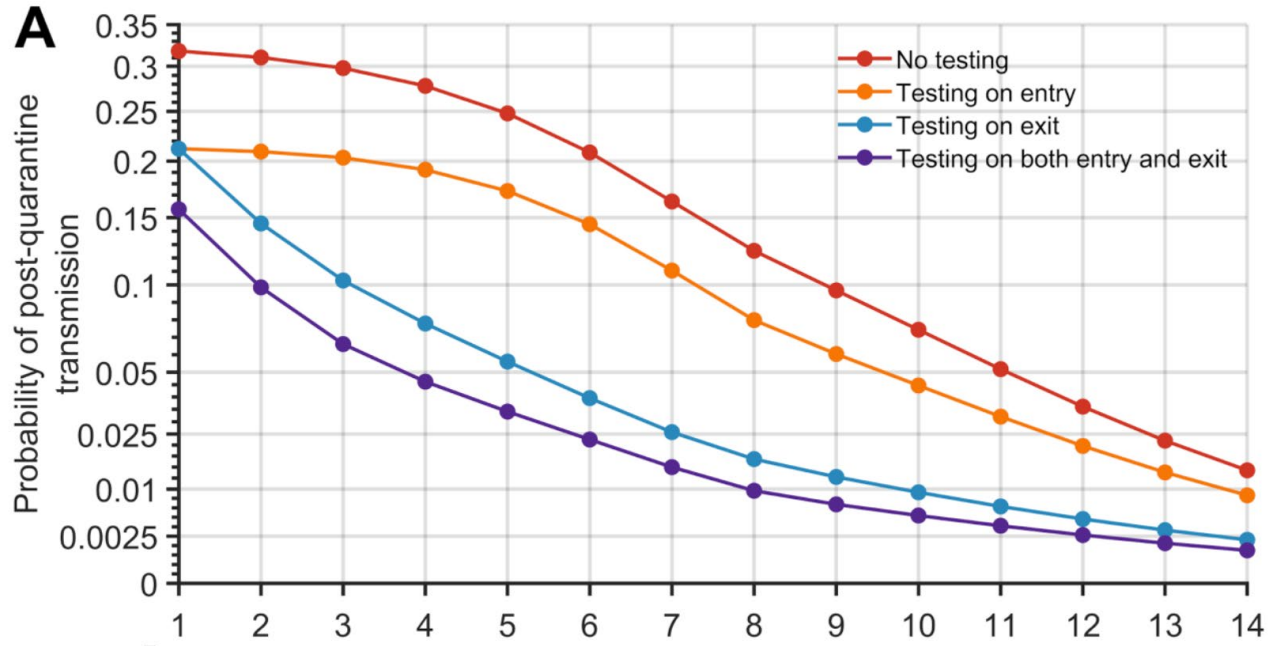
Definition of Significant Exposure

- Individual who has had close contact (within 6 feet for a total of 15 minutes or more)
- Someone who was within 6 feet of an infected person for a cumulative total of 15 minutes or more over a 24-hour period



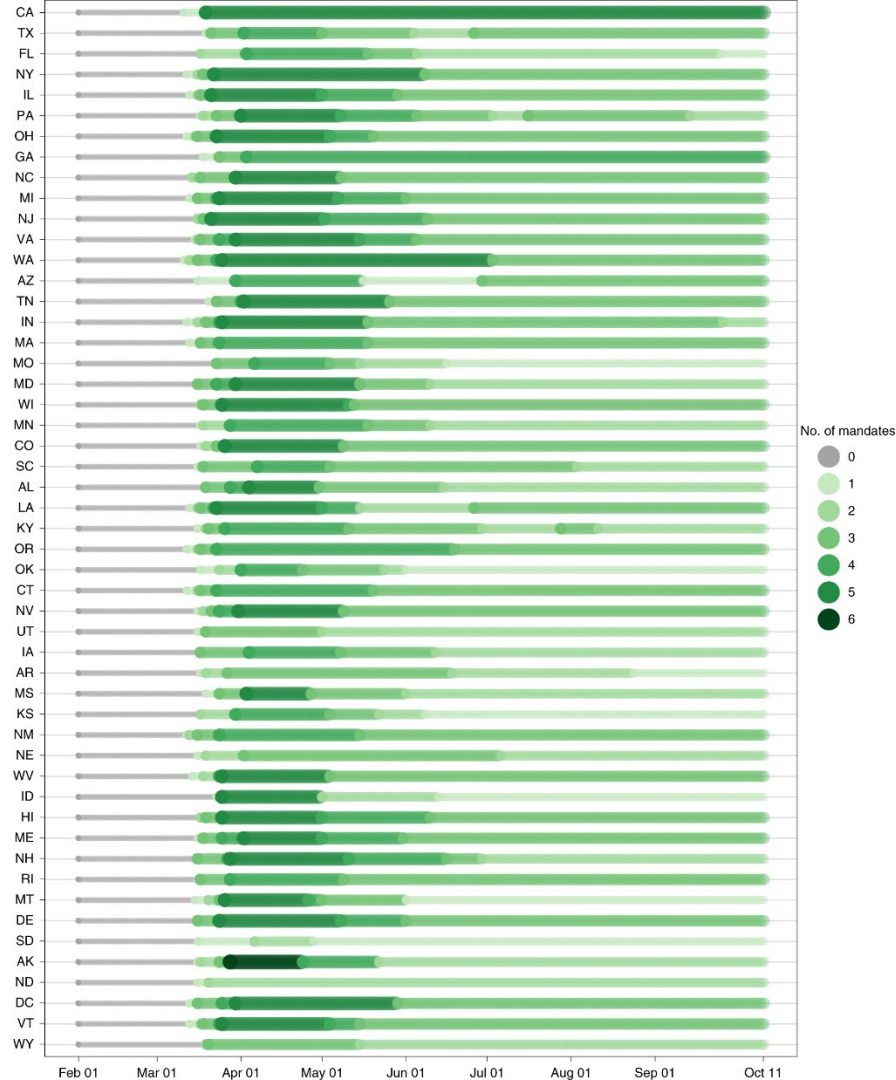
Testing Strategy

- Oil rig workers:
 - 9-day quarantine with testing on exit, and an 8-day quarantine with testing on both entry and exit = equivalent to a 14-day quarantine with no testing
- UK considering
 - Testing at day 7 – if negative end quarantine



Optimal COVID-19 quarantine and testing strategies Chad R. Wells, Jeffrey P. Townsend, Abhihek Pade, Gary Krieger, Burton Singer, Robert H. McDonald, Seyed M. Moghadas, Alison P. Galvani (Pre-Print Pre-peer review)

<https://www.nature.com/articles/s41591-020-1132-9>



Universal Mask Mandate

- With social distancing mandates estimates 511,373 (469,578–578,347) COVID-19 deaths by 28 February 2021
- Universal mask use (95% mask use in public) could save **129,574** (85,284–170,867) -September 22, 2020 through the end of February 2021,
- Or save **95,814** (60,731–133,077) lives assuming a lesser adoption of mask wearing (85%)



'If people are not wearing masks, then maybe we should be mandating'

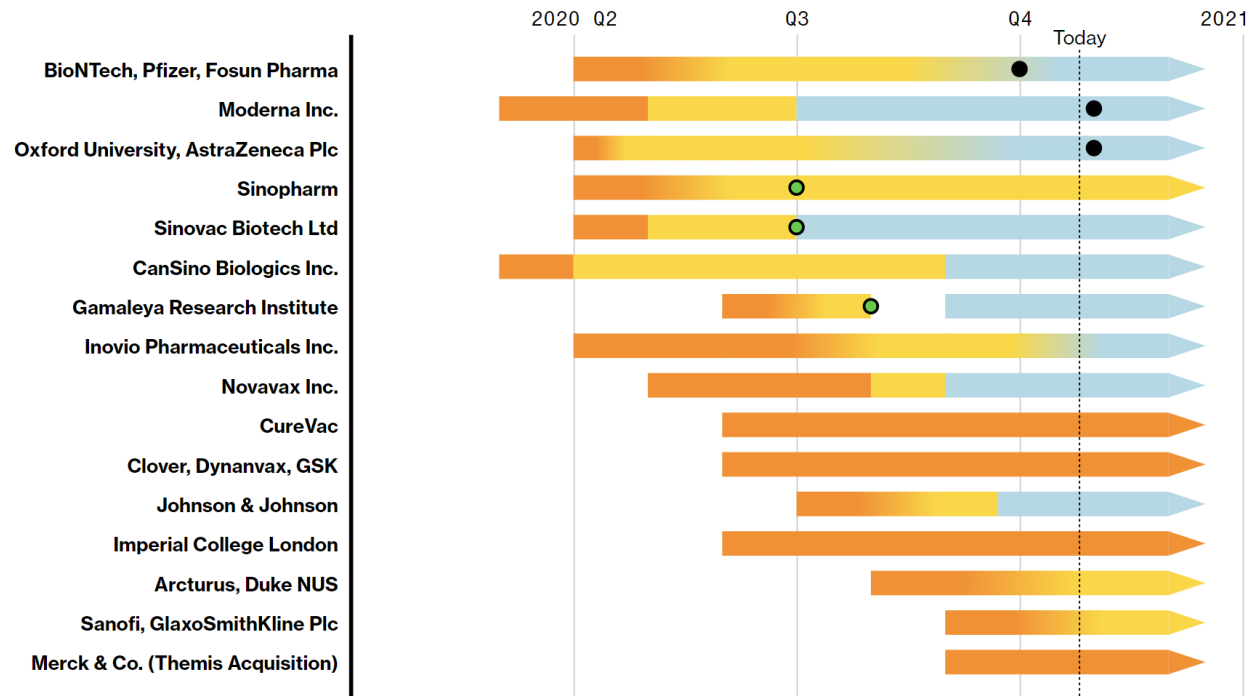
History Repeating Itself?



Vaccine Update

- Phase 1** Testing in small groups for safety
- Phase 2** Larger tests for effectiveness
- Phase 3** Large-scale efficacy and safety trials
- Authorized** Allowed under emergency use or other limited use authorizations

● Anticipated data read-out ● Limited authorization usage ► Ambiguous phase end date





Halloween

LOW-RISK



Decorating pumpkins and your home with your household



Decorating pumpkins with friends outside, at a safe distance



Outdoor Halloween scavenger hunt while walking outside, looking at decorations



Virtual Halloween costume contest



Halloween movie night with people you live with

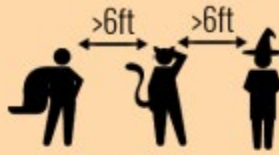


Scavenger hunt for treats with your household in or around your home

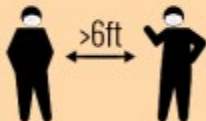
MODERATE-RISK



One-way trick-or-treating: Individually wrapped goodie bags left for families at the end of a driveway or at the edge of a yard



Outdoor costume parade with a small group physical distancing more than 6 feet apart



Outdoor party with masks and people distancing more than 6 feet apart



open-air, one-way, walk-through haunted forest with masks and distancing



Visiting pumpkin patches where people use hand sanitizer, wear masks and keep a safe distance from others



Outdoor Halloween movie night with local family friends distancing at least 6 feet apart

HIGH-RISK



Traditional trick-or-treating with children going door to door



Crowded indoor costume parties



Indoor haunted houses with crowding and screaming



Hayrides or tractor rides with people from different households



Traveling to a rural fall festival that's not in your community if you live somewhere with increased virus transmission



Handing out candy from cars lined up in large parking lots



Questions