



Andy Rowell
@AndyRowell



Mar 9th 2020, 17 tweets, 8 min read

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Specht is doing a lot of calculations here but I think it is a useful estimate, which fits with other guesses, that hospitals will become overwhelmed around May 8th. That helps me to think about whether to cancel non-essential travel and conferences in the next couple of months.

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Liz Specht
@LizSpecht

Replying to @LizSpecht

By this estimate, by about May 8th, all open hospital beds in the US will be filled. (This says nothing, of course, about whether these beds are suitable for isolation of patients with a highly infectious virus.) 9/n

7:03 PM · Mar 6, 2020



8.3K 2K people are Tweeting about this



Descriptions of the situation:

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Yascha Mounk ✓
@Yascha_Mounk

I've been hesitant to post this thread.

But I've slowly come to the conclusion that we are significantly underestimating the likely impact of the corona virus—and what all of us should do RIGHT NOW to avoid a staggering number of preventable deaths.

[Thread.]

12:25 PM · Mar 8, 2020



3.8K ⚡ See the latest COVID-19 information on Twitter

and



Nicholas Kristof ✓
@NickKristof

An excellent and informative essay on Covid19, laying out what may lie ahead and why:



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Separating the Facts From the Misinformation About COVID-19
 The facts, the ethics, and the protective measures you should take
 elemental.medium.com

10:31 PM · Mar 8, 2020

530 330 people are Tweeting about this



It is doubling approximately every 4-10 days.

Doubling time every 7-10 days.

One slide in a leaked presentation for US hospitals reveals that they're preparing for m...
 The spread of the novel coronavirus in the US could push the healthcare system to its limits.
<https://www.businessinsider.com/presentation-us-hospitals-preparing-for-millions-of-hospitali...>

"We can expect that we'll continue to see a doubling of cases every 6 days."

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Liz Specht
 @LizSpecht

I think most people aren't aware of the risk of systemic healthcare failure due to #COVID19 because they simply haven't run the numbers yet. Let's talk math. 1/n

7:03 PM · Mar 6, 2020

101.5K See the latest COVID-19 information on Twitter

"doubled every 4 days."

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Max Roser ✓
 @MaxCRoser

1/ Many of you ask me why I take the COVID-19 outbreak so seriously.

Current numbers of cases and deaths are *not* why.

A thread on why I'm worried and what I do personally in this situation.

3:30 AM · Mar 9, 2020

13K See the latest COVID-19 information on Twitter



New York Times today: "Over the weekend, more than 230 cases were added, and on Monday, the national total

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3.28, with a median of 2.79 and IQR of 1.16."

reproductive number of COVID-19 is higher compared to SARS coronavirus

In Wuhan, China, a novel and alarmingly contagious primary atypical (viral) pneumonia broke out in December 2019. It has since been identified as a zoonotic cor

<https://academic.oup.com/jtm/advance-article/doi/10.1093/jtm/taaa021/5735319>

Influenza is about 1.53.

A Severe Seasonal Influenza Epidemic During 2017–2018 in... : Infectious Microbes & ...
 regression model and susceptible–exposed–infectious–recovered model were built to understand the characteristics and processes of the epidemic. The reported incidence of influenza was 1,913,698 from...

https://journals.lww.com/imd/Fulltext/2019/09000/A_Severe_Seasonal_Influenza_Epidemic_Duri...

or 1.71

Comparison of methods to Estimate Basic Reproduction Number (R0) of influenza, Usi...

The basic reproduction number (R[0]) has a key role in epidemics and can be utilized for preventing epidemics. In this study, different methods are used for estimating R[0] 's and their vaccination ...


<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6670001/>

Here is someone who is skeptical about the continued exponential growth of the disease.

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<https://twitter.com/drg1985/status/1236653062225367041>

In other words, once lots of people get the disease, people will change their behavior and reduce the rate of transmission. 

Indeed, it will not spread as quickly if people practice "social distancing."

"the aim of public-health policy, whether at the city, national or global scale, is to flatten the curve, spreading the infections out over time."

Covid-19 is now in 50 countries, and things will get worse

But there are proven ways to limit the damage

<https://www.economist.com/briefing/2020/02/29/covid-19-is-now-in-50-countries-and-thing...>

Trump to Discuss Economic Steps; Italy Halts Most Travel; Stocks and Oil Prices Plunge
In Italy, restrictions on movement were extended to cover the whole country. In the United States, where the death toll hit 26, President Trump said he would discuss tax cuts and aid for idled hourly...

<https://www.nytimes.com/2020/03/09/world/coronavirus-news.html>

Princeton:

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Princeton University 
@Princeton

Replying to @Princeton

Students: We encourage you to stay home after spring break — the University will make sure you are able to meet your academic requirements remotely.

8:28 AM · Mar 9, 2020

1.3K 846 people are Tweeting about this

Stanford:

Jeffrey Pfeffer
@JeffreyPfeffer

Stanford has cancelled all in-person instruction until the end of the quarter (and I predict into the spring quarter). Amazing!

12:14 AM · Mar 7, 2020

44 22 people are Tweeting about this

Michael McFaul 
@McFaul

Stanford just cancelled classes for the rest of the quarter. To those in DC proclaiming that the #COVID19 is contained, it sure doesn't feel that way here in California.

The Stanford Daily  @StanfordDaily

BREAKING: Stanford is canceling all in-person class meetings for the final two weeks of winter quarter, starting on Monday, Provost Persis Drell announced tonight. "To the extent feasible," classes will be moved to "online formats in place of in-person instruction," Drell wrote.

11:14 PM · Mar 6, 2020




6.3K See the latest COVID-19 information on Twitter

Ken Schultz
@KSchultz3580

Stanford just announced no in-person classes or exams for the rest of winter quarter (which has one week of classes remaining). We need to figure out how to deliver our last lectures online and convert our final exams to take home.


11:12 PM · Mar 6, 2020



Harvard:

 **Erica Chenoweth** 
@EricaChenoweth 

Harvard has prohibited all non-essential air travel (domestic and international) through at least April 30, prohibited gatherings of > 100 people, & asked us to prepare to teach from home. Some useful resources aggregated here:


Coronavirus (COVID-19) | Harvard University
Harvard is closely monitoring the coronavirus outbreak and will provide continuing updates.
harvard.edu


3:12 PM · Mar 6, 2020 

 857  602 people are Tweeting about this



Spread to new states on Friday:


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 **Ryan Struyk** 
@ryanstruyk 

Latest @CNN reporting:




- 4:25 p.m: Minnesota reports first coronavirus case
- 5:20 p.m: First coronavirus case in Oklahoma
- 6:35 p.m: Connecticut reveals first coronavirus case
- 7:18 p.m: First coronavirus case in Kentucky reported
- 8:05 p.m: Nebraska reports first coronavirus case

7:31 PM · Mar 6, 2020 



 17.6K  See the latest COVID-19 information on Twitter



Yes, the contagiousness and lethality are scary:

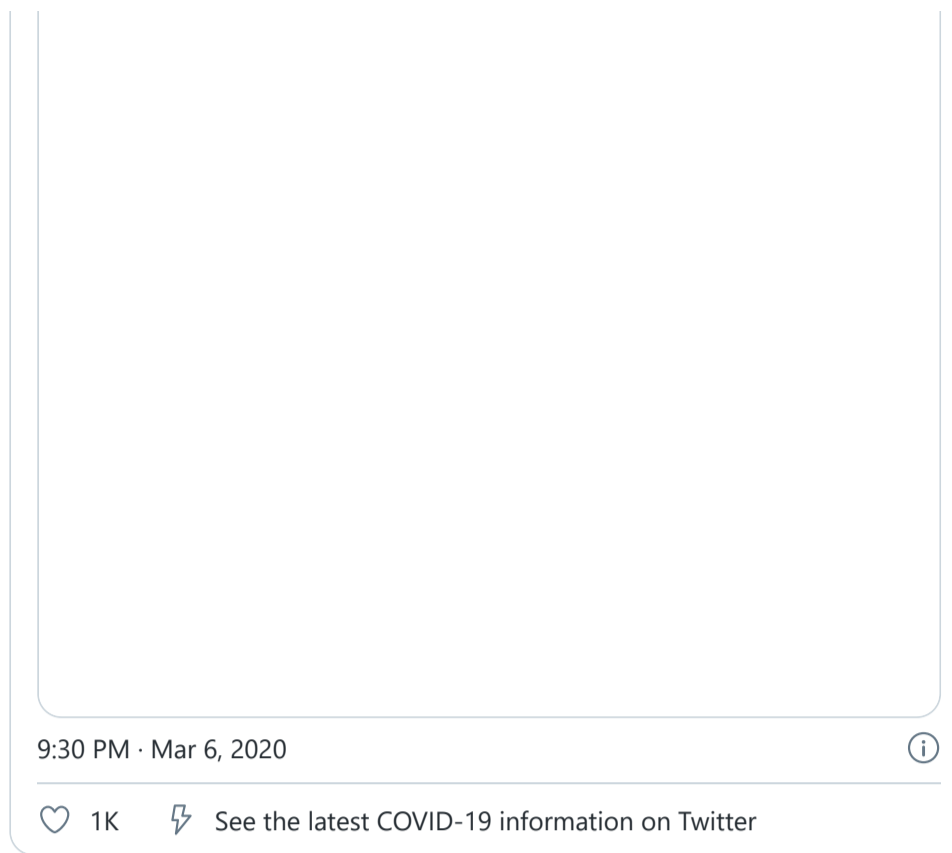
 **Clara Jeffery** 
@ClaraJeffery 

Ok well, the bar is high but this may be the scariest interview I've seen yet re Coronavirus

 **Channel 4 News**  @Channel4News

"This is the most frightening disease I've ever encountered in my career."

Richard Hatchett, the doctor leading efforts to find a vaccine for coronavirus, says it is much more lethal than normal flu.

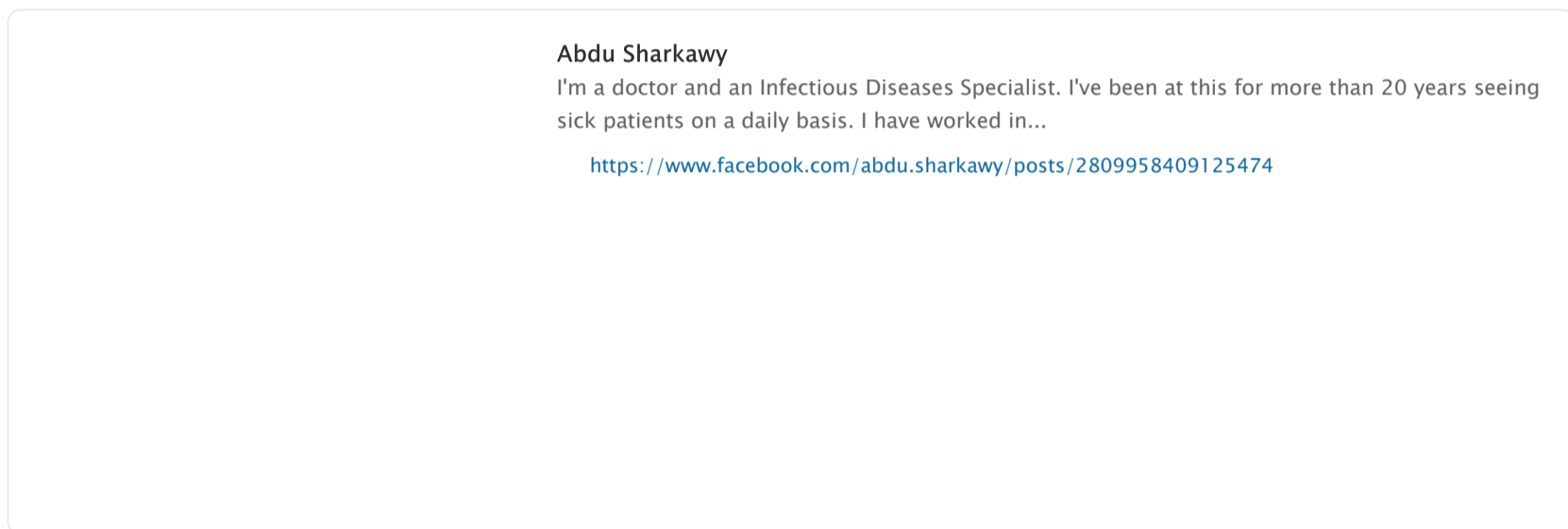


9:30 PM · Mar 6, 2020



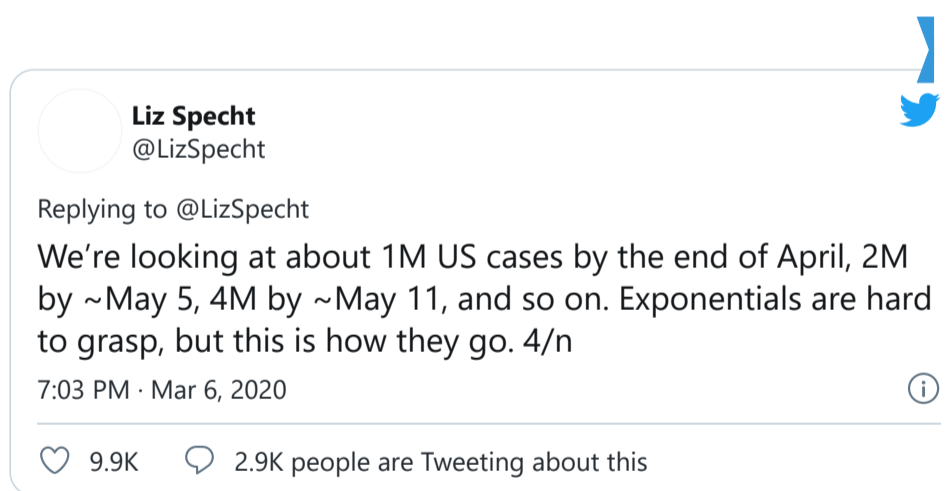
1K ⚡ See the latest COVID-19 information on Twitter

But my Facebook feed has people saying not to panic by buying too much stuff.



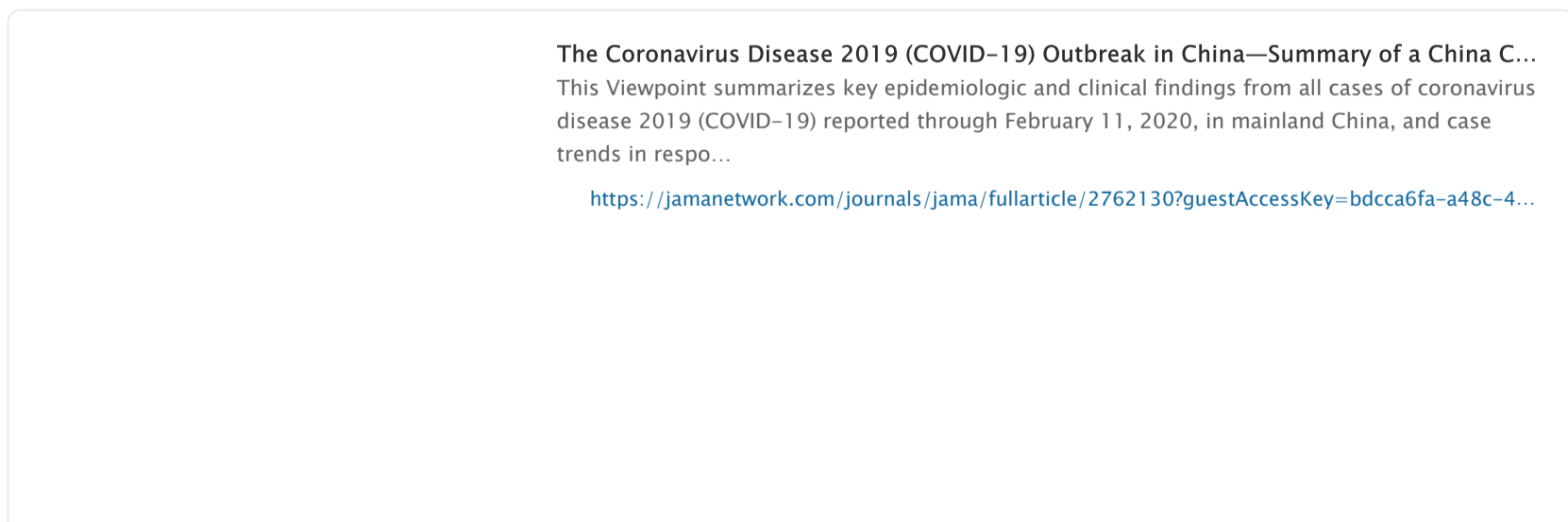
I don't think that takes away from the need to cancel non-essential travel and gatherings. 🔗

If Specht is right that there will be 4 million cases around May 11,



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and the overall case-fatality rate (CFR) continues to be 2.3% (



), that would be mean 92,000 of that 4 million would die. 🔗

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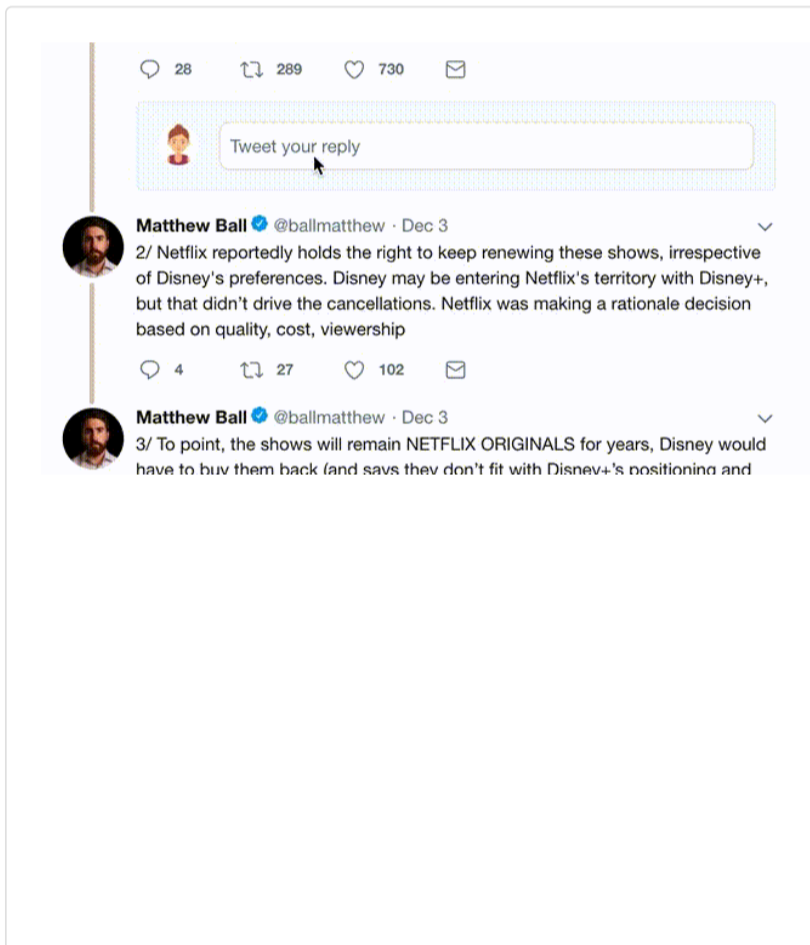
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Andy Crouch
@ahc



I'm finding the following to be good resources on the coronavirus:

- reddit.com/r/COVID19/ (strictly research-based)
- [@ScottGottliebMD](#) (ex-FDA chief, excellent on policy)
- [@lymanstoneky](#) (statistician, Christian missionary in HK)

None are alarmist, all are alarmed. And helpful.



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1/ 36-year-old Aaron Rodgers was interviewed by his girlfriend Danica Patrick for her podcast in December. He commented on having a positive experience with Young Life in high school, but not with church. Clip: Full interview: danicapattick.com/podcast/aaron-...

2/ Aaron Rodgers: "For most people that I knew, church was just—you just had to go. Your parents made you go. You wake up, you put some clothes on, you go. And you can't wait to get back and watch the second game of the day in the NFL on TV."

Read 26 tweets

Thread below on the story that made the rounds yesterday: "Cottage Grove church to usher out gray-haired members in effort to attract more young parishioners." ↪

People I really like were rightly upset about older people being disrespected. See: twitter.com/MelissaFloBix

I too thought some of the original communication about the changes sounded harsh and insensitive. The church and denomination both responded with clarifications: And today ~~this story with additional reporting was published.~~

Read 22 tweets



Andy Rowell

@AndyRowell

Jan 17th 2020

mentions CT can get many more page views by soliciting comments from experts on the news of the day. "The New York Times reports... Wheaton College professor told CT ... Author of the IVP book on this topic said ..."

Todd Brewer rightly points out the CT paywall. New York Times, Washington Post, The Atlantic, and The New Yorker all allow a couple of free articles, then paywall kicks in. Wall Street Journal lets you see very little. Politico and CNN - no paywall.

Read 26 tweets

Related threads



Christos Argyropoulos

@ChristosArgyrop

Mar 7th 2020

How can #Nephrology prepare for the unavoidable spread of #COVID? How can continue caring for our patients, with as little disruption of business continuity in a matter that does not increase risk for our patients, staff & ourselves? This is ours (@UNMHSC) plan (long read)

First some background about our group: we direct 13 outpatient dialysis clinics *all over a very large state* (~700 pts, 15% on home dialysis), cover two hospitals (including the only Level 1 trauma center in NM), numerous CKD clinics,

Read 43 tweets



Seth Cotlar

@SethCotlar

Feb 26th 2020

"America is a republic, not a democracy" has long been a popular meme on the right. AFAIK, the definitive history of that claim's origins and deployment in US political culture remains to be written. Here's one such usage I just encountered in this book. amazon.com/Mothers-Massiv...

The Smith v. Allwright decision (1944) had outlawed Mississippi's all white primary. The state faced the possibility of federal oversight of their elections to ensure fairness. The SCOTUS ruling had asserted that the "United States is a

Read 11 tweets



Tricia Ebarvia, writing & (mostly) away...

@triciaebarvia

Jan 18th 2020

Developing thread... So back to this piece, which I can't stop thinking about. Though none of the information is new, the side-by-side comparisons are nevertheless striking... and I have some thoughts (and a lot of feelings). #DisruptTexts nytimes.com/interactive/20...

A central tenet of critical literacy is that all knowledge is constructed. There is no inherent value to any particular set of knowledge. We assign value, often by simply determining what's even worth knowing. In school, this means what goes

Read 16 tweets



fooler initiative

@metroadlib

Nov 19th 2019

i feel like devin nunes is stupid. like.... categorically.

like.... anyone who is even *marginally* paying attention can see what the president did, and how these republicans are tripping over themselves to offer him cover.

it must be SO wild to end up testifying before a committee like this. i cannot even imagine suddenly being a supporting character in one of the biggest scandals of modern american history.

Read 64 tweets

7:00 PM · Mar 8, 2020



64 ⚡ See the latest COVID-19 information on Twitter

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<https://twitter.com/mims/status/1237084608635830277?s=19>

What happens when the hospital is overwhelmed:

Alec MacGillis ✓
@AlecMacGillis



Another thread from Northern Italy.

Silvia Stringhini @silviast9

1/ I may be repeating myself, but I want to fight this sense of security that I see outside of the epicenters, as if nothing was going to happen "here". The media in Europe are reassuring, politicians are reassuring, while there's little to be reassured of. #COVID19 #coronavirus

9:38 PM · Mar 9, 2020



228 ⚡ See the latest COVID-19 information on Twitter

And another description of what it is like to have hospitals overwhelmed with COVID-19:

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Jason Van Schoor
@jasonvanschoor



From a well respected friend and intensivist/A&E consultant who is currently in northern Italy:

1/ 'I feel the pressure to give you a quick personal update about what is happening in Italy, and also give some quick direct advice about what you should do.

5:27 PM · Mar 9, 2020



49.1K 35.6K people are Tweeting about this

Harvard expert: If a city in the US had a similar spread as Wuhan, it would overtake the amount of ICU beds in 45-60 days from the first case. But strict social distancing in Guangzho slowed the spread so it peaked at 19 days.

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Marc Lipsitch ✓
@mlipsitch



Replying to @mlipsitch

Here's the graph. Gray lines show US capacities for ICU and hospital beds

**Bird Law Expert**

@RealBirdLawyer

Jul 16th 2019

I've got an hour before work and a copy of the preliminary hearing transcript from Tyreek Hill's 2014 case. Several people have asked me for my thoughts so I'm going to read through it and live tweet as I go. First, let's talk about what a preliminary hearing is:

A prelim is like a mini-trial. Essentially, the State has to put on enough evidence to show that the case is good enough to go to trial. The State must show that there is *probable cause* that a crime was committed by the defendant.

[Read 163 tweets](#)
**Faustian Danskin**

@InnuendoStudios

May 4th 2019

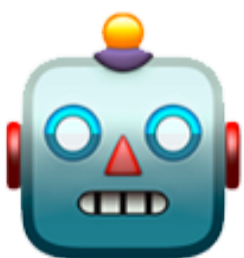
OK tweeps & twerps: It's been some time, but today we resume #IanLivetweetsHisResearch with David Neiwert's *Alt-America: The Rise of the Radical Right in the Age of Trump*.

(For any concerned parties, since finishing my livetweet of *The Reactionary Mind* I have read *Fascism Today* by Shane Burley and *Healing from Hate* by Michael Kimmel, and am currently a few chapters into *Terror, Love, and Brainwashing* by Alexandra Stein. I just didn't livetweet em.)

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7:23 AM · Mar 10, 2020 (i)

♡ 570 💬 298 people are Tweeting about this



CNN poll yesterday: "57%, say they are very (18%) or somewhat (39%) confident that the government can prevent a nationwide epidemic of the virus."

CNN Poll: Most Americans confident government can stop nationwide epidemic, but se...
 A majority of Americans say they are at least somewhat confident the federal government can prevent a nationwide epidemic of novel coronavirus, according to a new CNN poll conducted by SSRS, but only...

<https://www.cnn.com/2020/03/09/politics/cnn-coronavirus-poll/index.html>

South Korea and China have:

Brady Dennis ✓
@brady_dennis

Robert Rohde @RARohde

South Korea is bending their case curve.

This is the 2nd example, after China, of a large coronavirus outbreak being brought under control via aggressive action and widespread testing (210,000 tested).

South Korea has had a low fatality rate (0.7%), though many are still ill.

10:51 AM · Mar 10, 2020 (i)

♡ 157
⚡ See the latest COVID-19 information on Twitter

But Americans are less likely to do social distancing.

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