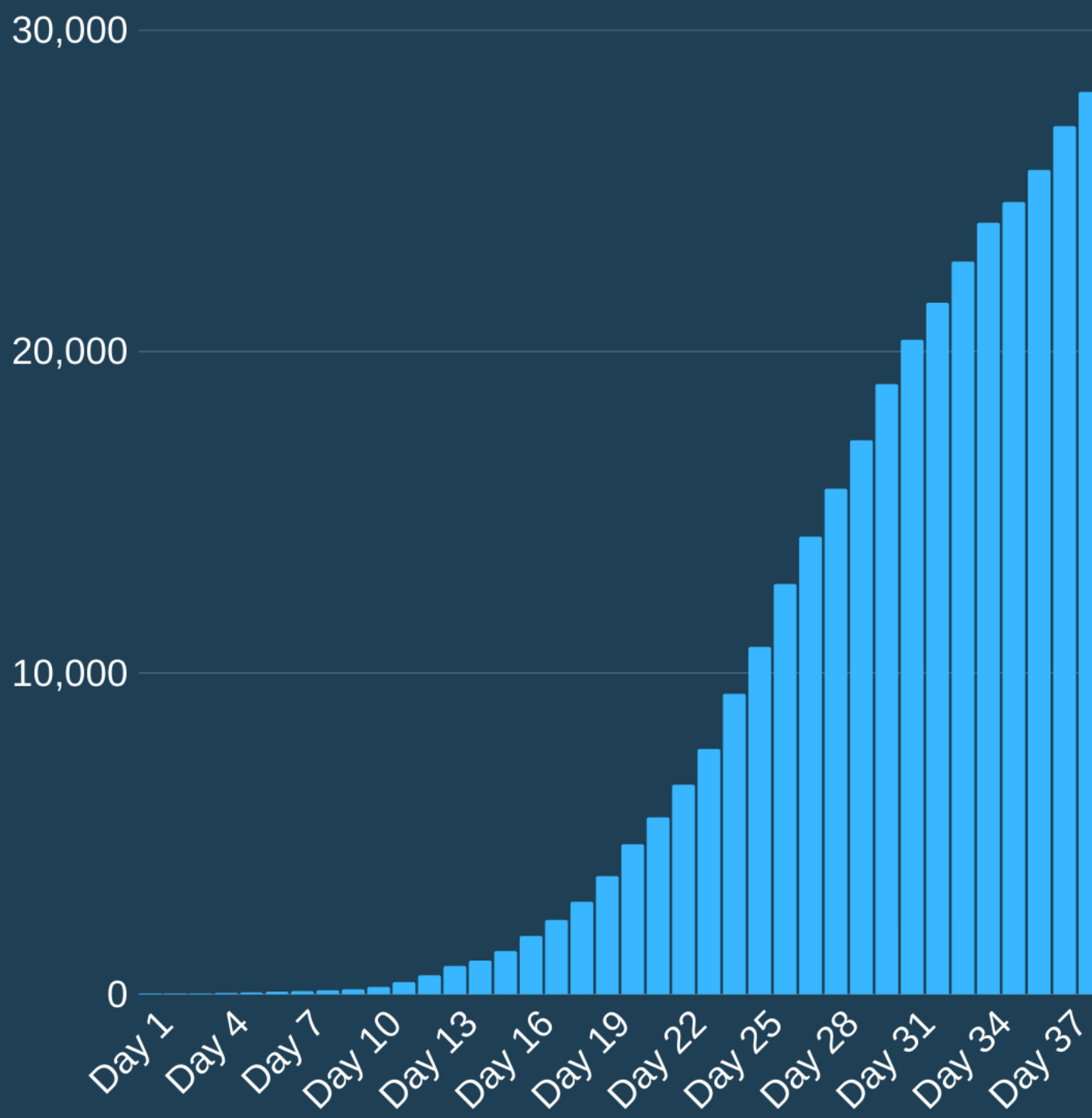


COVID-19 UPDATE

4.15.20

STAY HOME.
STAY SAFE. SAVE LIVES.
[MICHIGAN.GOV/CORONAVIRUS](https://michigan.gov/coronavirus)





We now have
28,059
confirmed cases
of COVID-19 in
Michigan.

1,921
people have
died due to
COVID-19.

OVER
3.5 MILLION PIECES OF PPE
HAVE BEEN DONATED BY
INDIVIDUALS AND
BUSINESSES.

CALIFORNIA'S GOVERNOR
NEWSOM IS LOANING
MICHIGAN **50 VENTILATORS**

NEW YORK'S GOVERNOR
CUOMO IS SENDING
MICHIGAN **100 VENTILATORS**

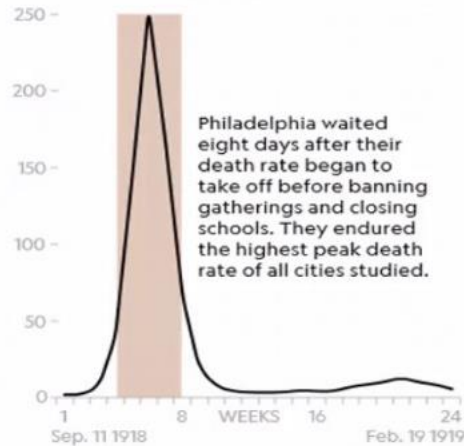
WE'RE ALL ON THE SAME TEAM.
WE'RE MICHIGANDERS FIRST.

**Today, I signed an executive
order aimed at
protecting residents and the
dedicated employees at our
long-term care facilities.**

Insights from 1918 influenza

Philadelphia

748 Deaths per 100,000 after 24 weeks of pandemic



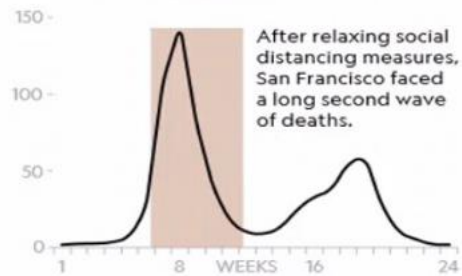
Weekly deaths per 100,000 from 1918 pandemic above the expected rate



Duration of social distancing measures

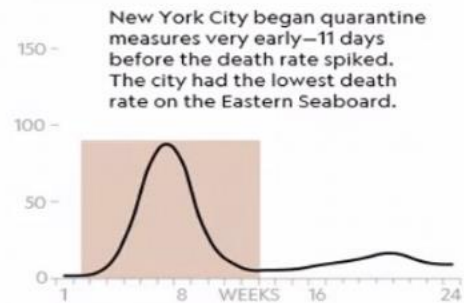
San Francisco

673 Deaths per 100,000



New York

452 Deaths per 100,000



St. Louis

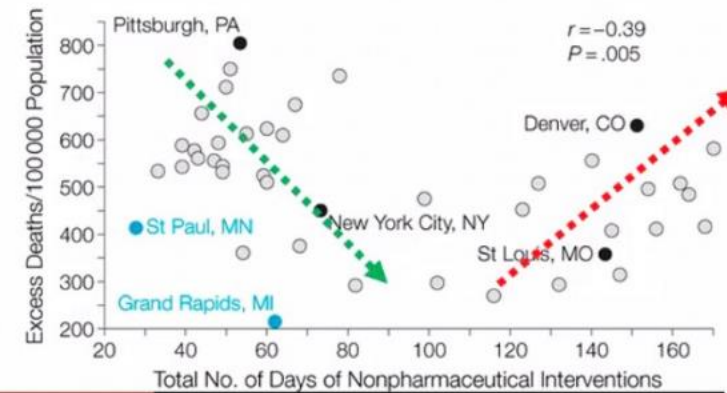
358 Deaths per 100,000



RILEY D. CHAMPINE, NG STAFF, SOURCE: MARKEL H, LIPMAN HB, NAVARRO JA, ET AL. NONPHARMACEUTICAL

Duration of Interventions and Excess Mortality

D Total excess pneumonia and influenza mortality by total No. of days of nonpharmaceutical interventions



- Duration needs to be early and long enough to cover peak and trough but not too long (to balance portion of population infected in first wave vs. susceptible to second wave)
- Some middle ground exists in duration of interventions to balance first wave and second wave magnitudes and risk
- Data from 1918 suggests that middle ground was somewhere between 60-120 days depending on the city
- Caveats: Flu is not COVID; City level compliance with interventions in 1918 is unknown; Changes in society since 1918 are dramatic


Source: National Geographic: "How some cities 'flattened the curve' during the 1918 flu pandemic" <https://www.nationalgeographic.com/history/2020/03/how-cities-flattened-curve-1918-spanish-flu-pandemic-coronavirus/#close>
Sourced by Michigan Medicine


Today, I asked a group of health care professionals on the front lines what they wanted me to tell you. They said:

- Take this seriously.**
- Tell them they can get COVID-19 and might have a slight fever and sore muscles or they could die in a matter of days. Or, maybe they survive, but spend the rest of their life in a nursing home.**
- If they die, they would die alone.**

To all of you people protesting your rights, not social distancing, do you know what my friend and colleague in the ED is doing right now, 1/2 mile up the road? Coding a patient. That means keeping the patient from dying. Do you know what your cars are doing? Blocking the road for ambulances to get to us. Hope you are enjoying yourselves.



WILX News 10  was live.

1 hr · 



WATCH: "Operation Gridlock" protest at Lansing Capitol.



Zach Gorchow

@ZachGorchow



There is an ambulance that can't get through on Grand.



11:53 AM · 4/15/20 · [Twitter for Android](#)

I know I'm going to receive a lot of flack for posting this. Some might even call me a snowflake.

Today I cried. The stress of coming to work everyday to a hospital caring for COVID patients, that has essentially shut down its services, that, believe it or not is also losing money everyday and trying to figure out what it is going to look like after when we get through this. This hospital that is paying 15x the usual cost for PPE to keep its staff safe while doing everything it can to care for your very, very sick loved one.

To see this - traffic blocking the main intersection of a level 1 trauma center, blocking the entrance and exit to our hospital. Blocking patients from receiving care that they need, makes me angry. It hurts. It hurts a lot.

This is not the government's fault. This is your fault. If you could swallow your pride and stay home like you were asked from the beginning, there wouldn't have been tougher guidelines.

Michiganders are strong.
Michiganders are smart.
Michiganders have grit.
Michiganders are kind.

We will get through this together.

STAY HOME.

STAY SAFE. SAVE LIVES.

[MICHIGAN.GOV/CORONAVIRUS](https://michigan.gov/coronavirus)