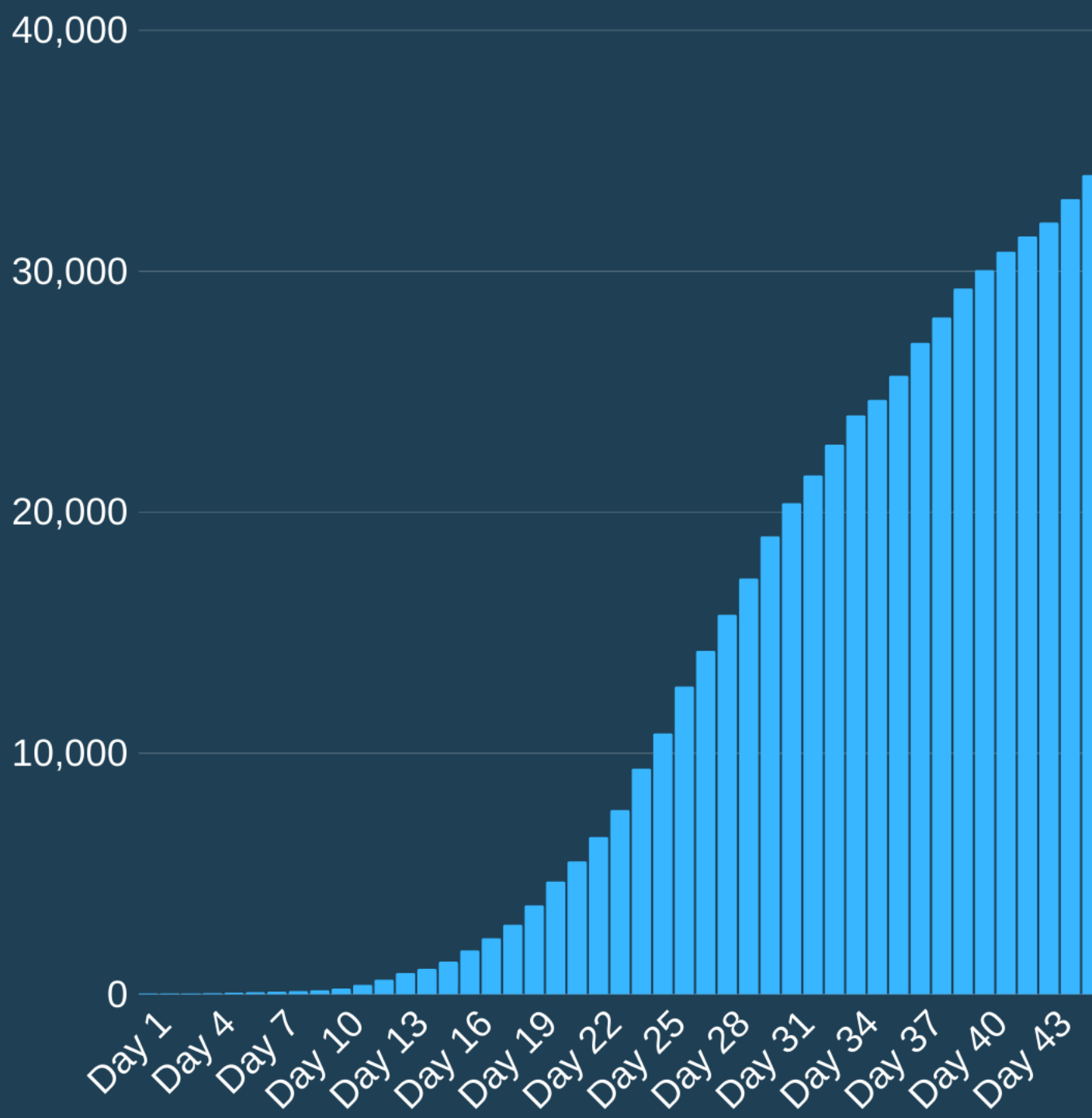


COVID-19 UPDATE

4.22.20

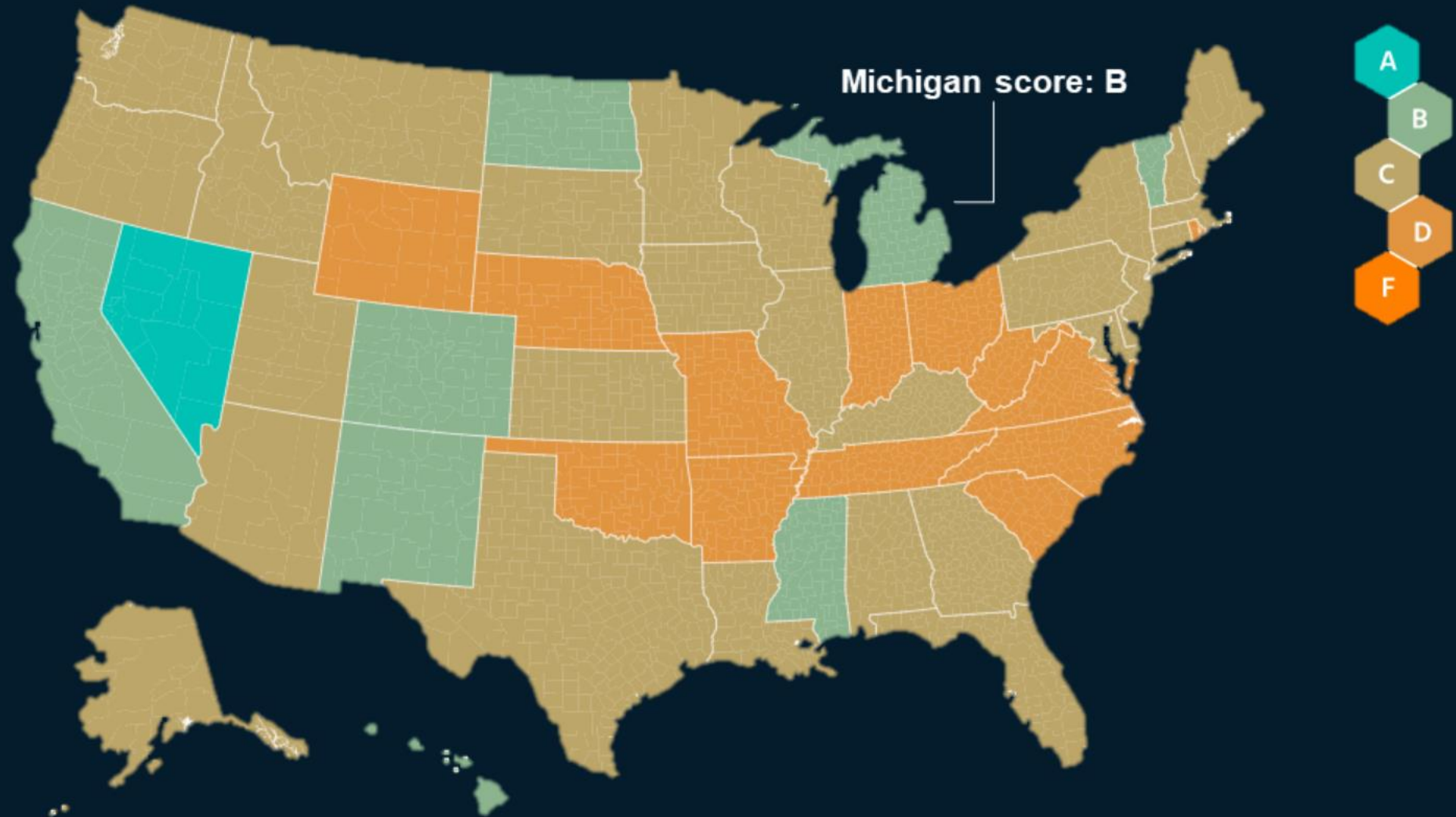
STAY HOME.
STAY SAFE. SAVE LIVES.
[MICHIGAN.GOV/CORONAVIRUS](https://michigan.gov/coronavirus)



We now have
33,966
confirmed cases
of COVID-19 in
Michigan.

2,813
people have
died due to
COVID-19.

Unacast.com publicly available Social Distancing Scoreboard



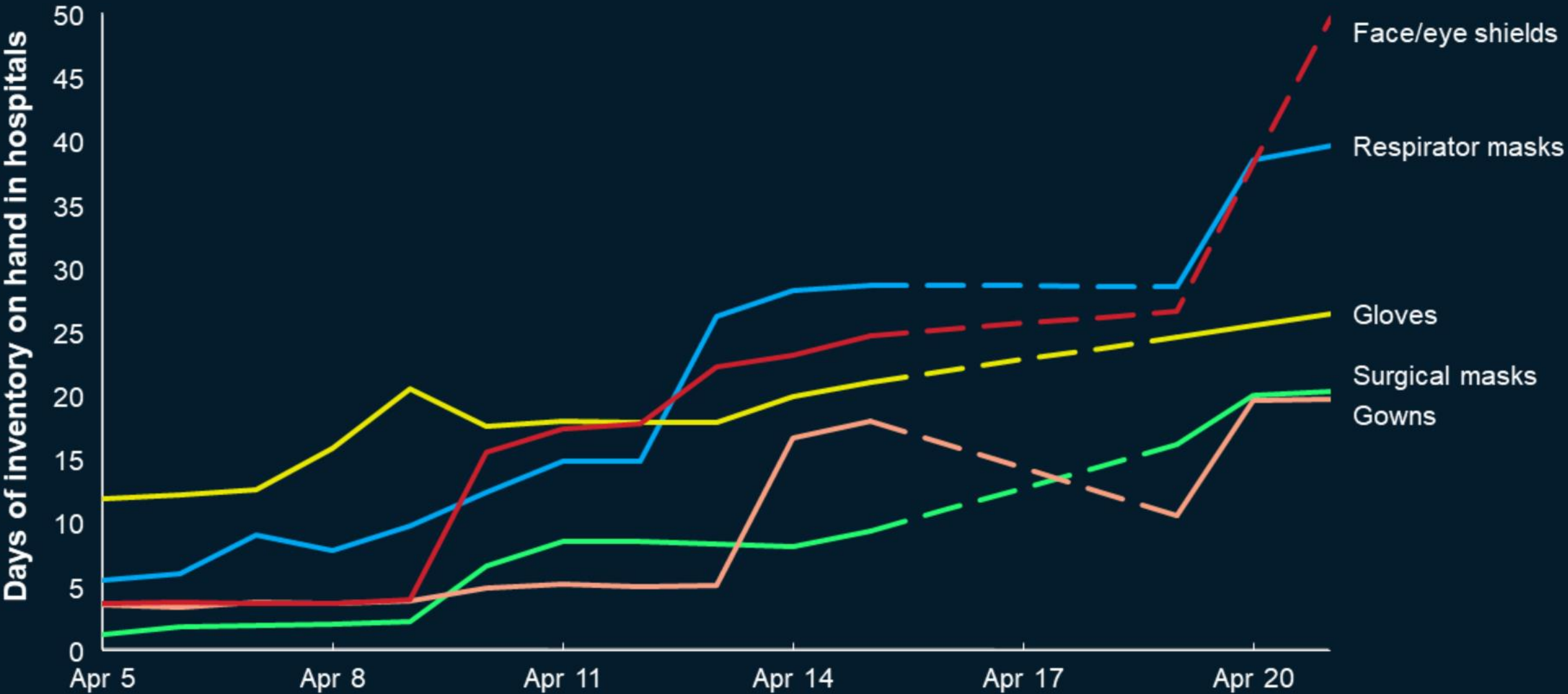
Number of samples tested daily



Go to
**Michigan.gov/
CoronavirusTEST**
to find a testing site
near you.

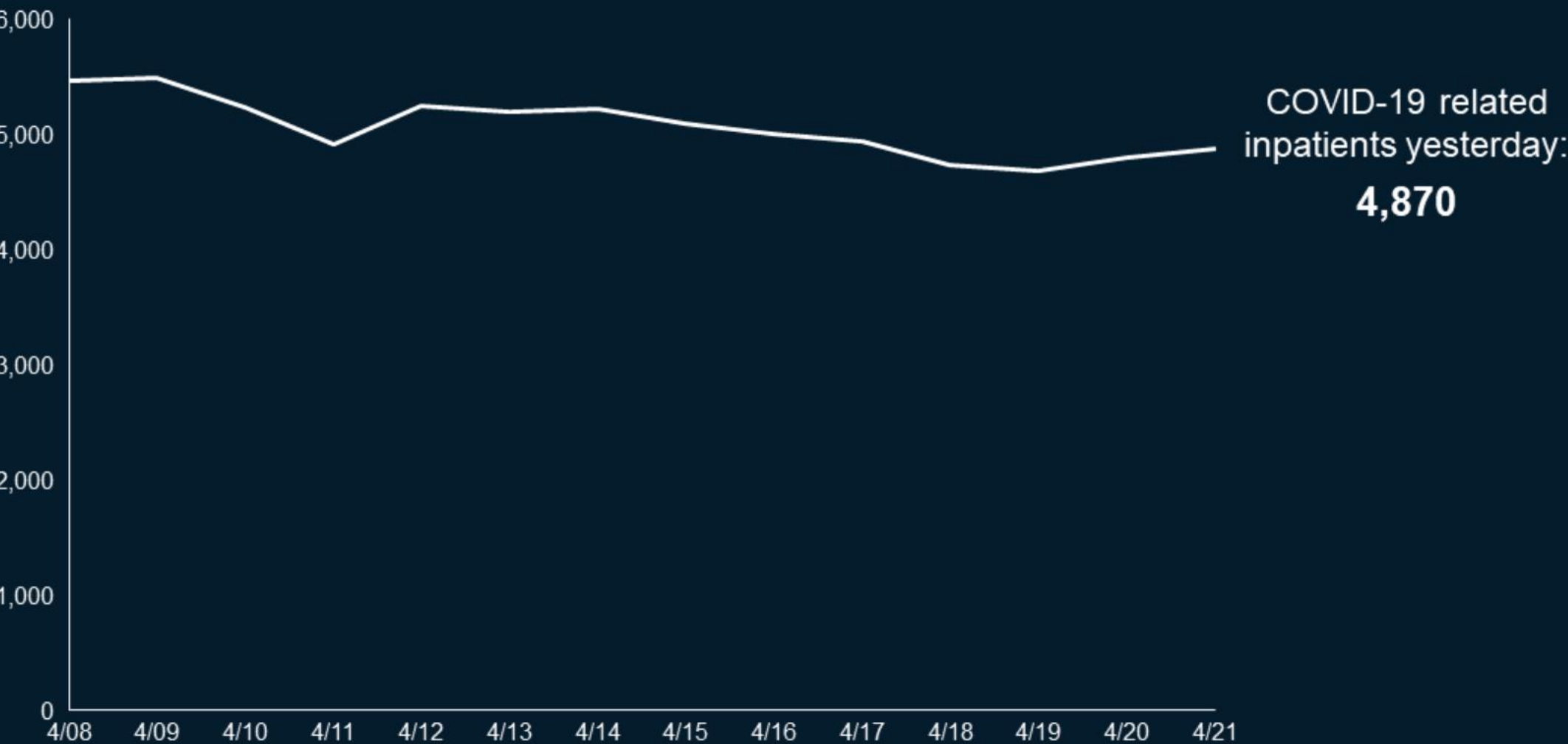
**We have secured enough
personal protective
equipment to last
hospitals over a week.**

Days of PPE inventory on hand in hospitals



PPE source: Days of inventory on hand as reported by 20 hospital systems in EM Resource from 4/5 to 4/21
 Note: No data available from 4/16 through 4/18 for all PPE and no data available on 4/20 for face/eye shields

COVID-19 related inpatients in hospital, current admitted patients by day



Note: Includes patients with suspected or confirmed COVID-19, as reported by hospitals
Source: EM Resource Hospital Clinical Summary

Our aggressive measures are working:

**MICHIGAN IS NO LONGER IN
THE TOP 5 STATES WHEN IT
COMES TO POSITIVE CASES.**

Total lab-confirmed cases

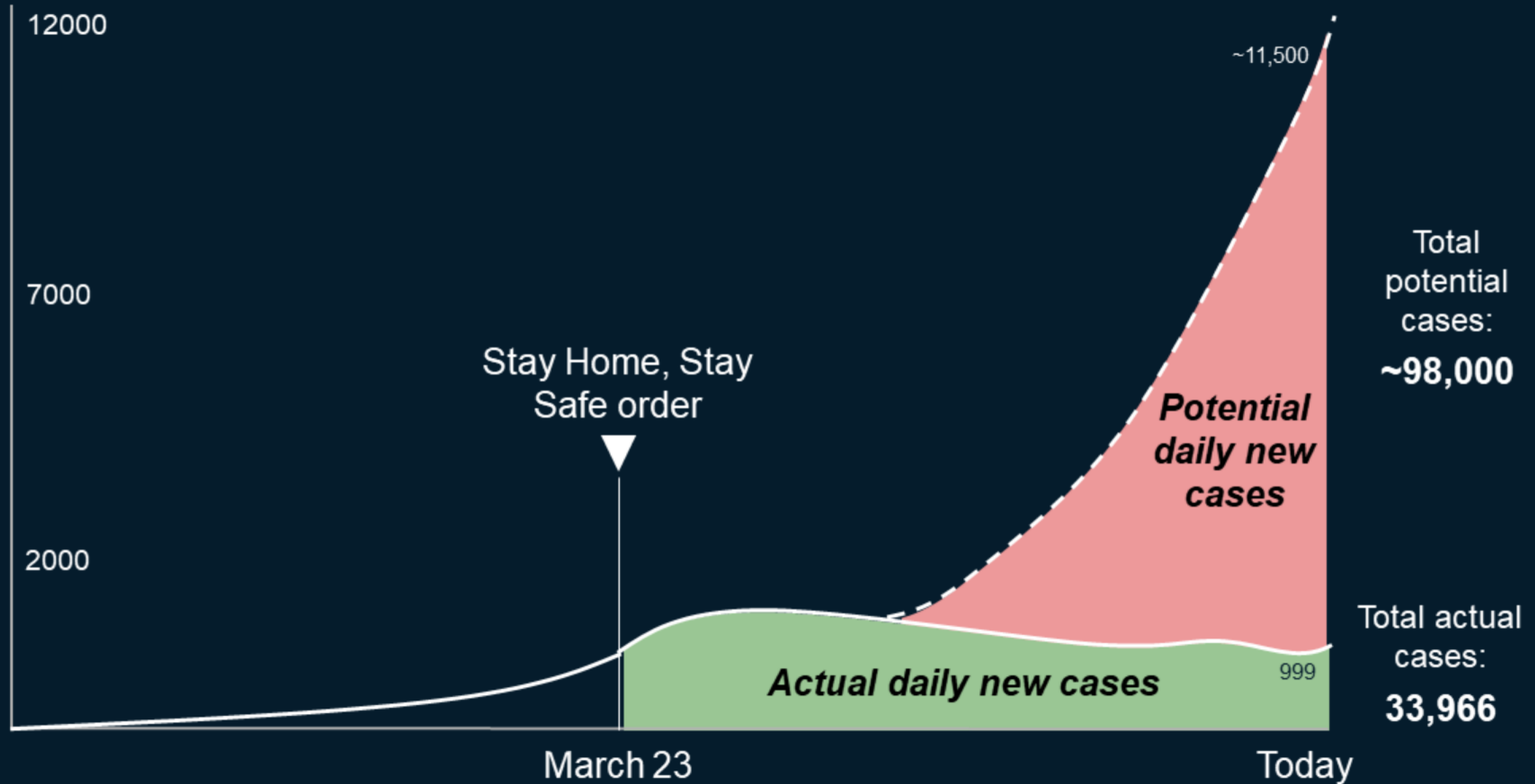
1. New York	251,720
2. New Jersey	92,387
3. Massachusetts	41,199
4. Pennsylvania	35,845
5. California	35,384
6. Michigan	33,966
7. Illinois	33,059
8. Florida	27,861
9. Louisiana	24,854
10. Texas	20,949

Total confirmed deaths

1. New York	14,828
2. New Jersey	4,753
3. Michigan	2,813
4. Massachusetts	1,961
5. Pennsylvania	1,620
6. Illinois	1,479
7. Connecticut	1,423
8. Louisiana	1,405
9. California	1,316
10. Florida	866

SOURCE: Michigan cases and deaths: Michigan Disease Surveillance System (4/22); All other states: New York Times dataset, updated 4/22 (4:38 AM)

Number of daily new cases



Actual cases source (4/22): MDHHS – Michigan Disease Surveillance System. Projected cases source: Imperial College unmitigated projection methodology applied to Michigan

**I WANT TO HIGHLIGHT THE
HARD WORK OUR
BROTHERS AND
SISTERS IN LABOR
HAVE DONE THROUGHOUT
THIS CRISIS.**

To my fellow state employees:
I'm proud to serve the state of
Michigan alongside each and
every one of you.

STAY HOME.

The letter 'H' in the word 'HOME' is replaced by a white silhouette of the state of Michigan, which is centered within the negative space of the letter. The entire graphic is set against a dark blue background.

STAY SAFE. SAVE LIVES.

MICHIGAN.GOV/CORONAVIRUS

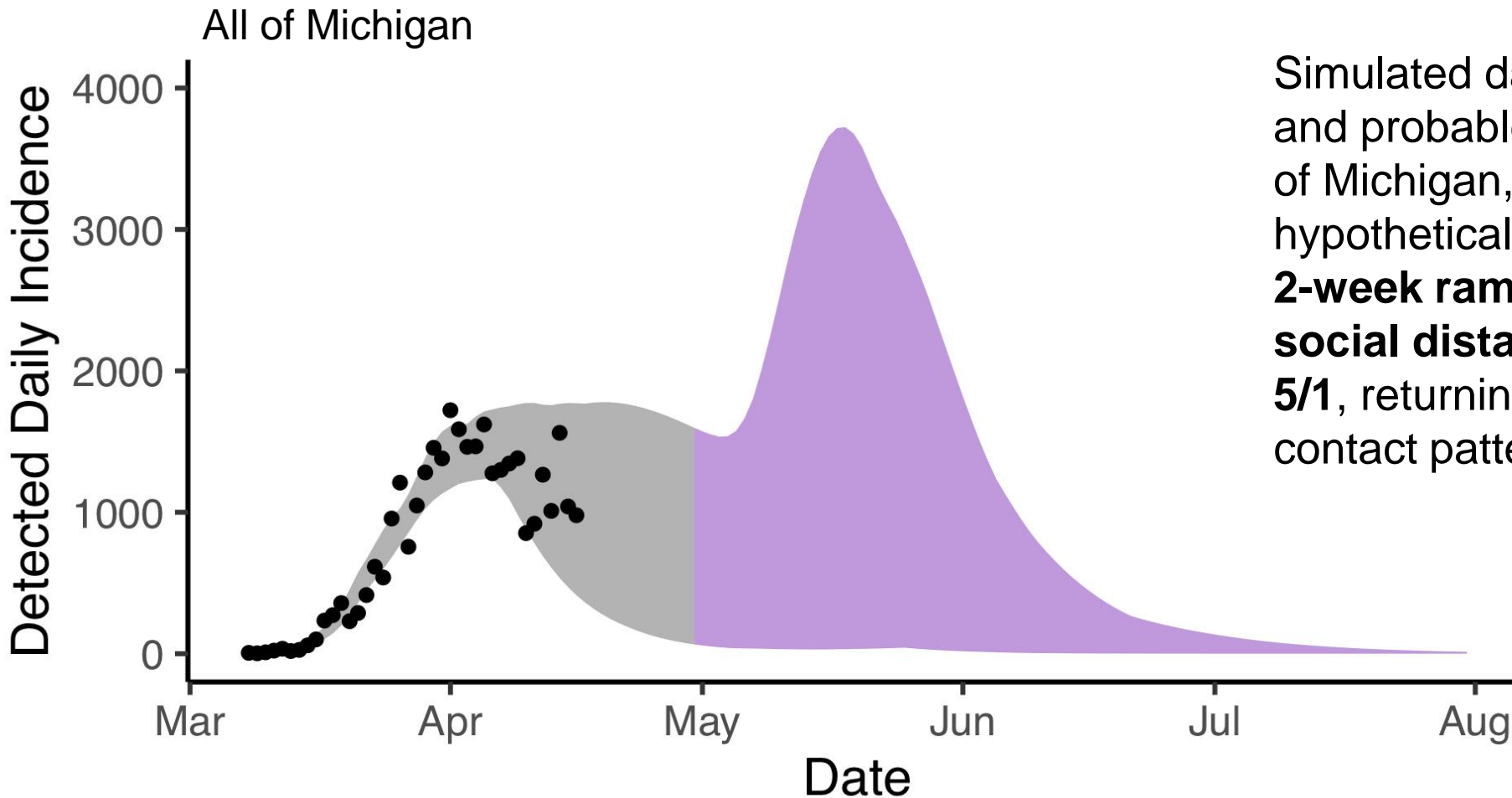
Epidemiological modeling scenarios for social distancing

April 22, 2020



SCHOOL OF PUBLIC HEALTH
UNIVERSITY OF MICHIGAN

Epidemiological modeling scenarios to examine impact of lifting social distancing



Epidemiological modeling scenarios to examine impact of lifting social distancing

- Model shows a **wide range of possible outcomes**, from a large 2nd peak to a small or no resurgence
- This range stems from the wide range of population immunity levels that are consistent with the data so far
- Simulated **potential second peak varies by region**—regions that have seen few cases so far show wider range of possible peak sizes
- Simulations assume no additional response action is taken to mitigate a second peak if it occurs (i.e. does not account for actions taken to respond to and mitigate a second peak)
- Underscores the importance of staged reengagement with **careful monitoring to handle potential increases** in epidemic spread

Key indicators to monitor for reengagement

Epidemic spread indicators

1

Flatten the curve

- A** Symptom monitoring
- B** Case and death data
- C** Regional picture of transmission

Healthcare system capacity

2

Safely diagnose and treat patients

- A** Critical personnel
- B** Beds
- C** Ventilators
- D** PPE

Public health capacity

3

Testing and monitoring

- A** Testing capacity
- B** Contact tracing