# COVID-19 Response

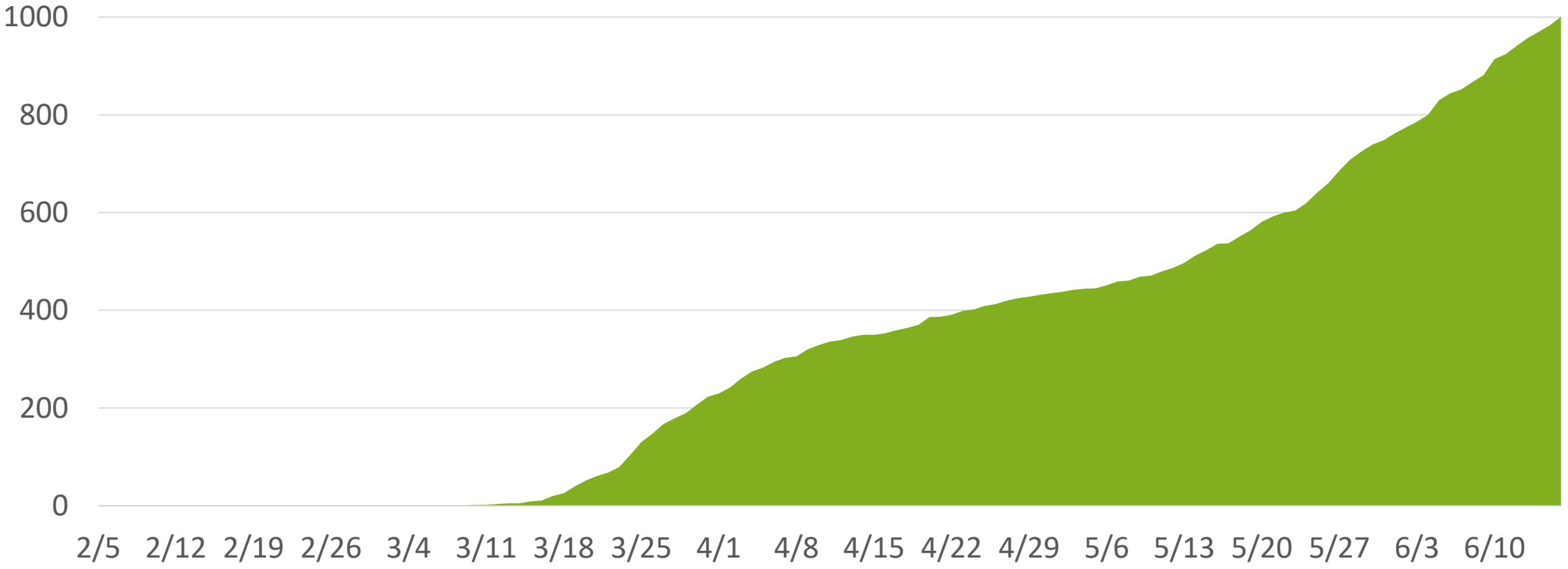
## A look at where we've been, where we are, and where we're going

Janel Heinrich, Director
Public Health Madison & Dane County
June 18, 2020

# Cases Over Time

**FEBRUARY 5**
First case identified

**JUNE 16**
Surpassed 1,000 cases



# Metrics

## Epidemiology

### Percent Positive Tests

Below a threshold of 5% for positive tests as a percent of total tests averaged across most recent 14 days period

1%

### Cases per Day

Below a low incidence threshold of 4 cases per day averaged over a 14 days period

16

# Metrics
## Healthcare

**Tests Conducted**
Testing supplies and staff facilitate adequate testing for disease control and surveillance (goal of 800 in most recent 14-day period)

1220

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**Testing for Healthcare Workers**
Robust testing in place for health care workers

100%

# Metrics

## Healthcare

### Cases Treated without Crisis Care

Treat all cases without crisis care, including facility use, staffing, and critical supply

100%

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### Healthcare Workers with COVID-19

Decreasing or stable numbers of infected health care workers

stable

# Metrics

## Public Health

### Lab reporting timeliness and contact tracing

All positive cases be reported and interviewed quickly to facilitate rapid isolation for disease control

72%

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### Community Spread

Proportion of contacted COVID-19 cases who don't know where they could have gotten COVID in most recent 14 day period

24%

# Metrics

## Public Health

**COVID-like Symptoms**

Downward trajectory of COVID-like syndromic cases reported within a 14 days period

# Timeline of Events

**JANUARY 22**
First meeting to discuss response

**JANUARY 23**
Assemble Incident Command System response team

**FEBRUARY 5**
First case in Dane County is 12th case nationwide

**MARCH 13**
Issue first order restricting gatherings to 250 people

**MARCH 16**
Issue order closing schools and limiting gatherings to 50 people

**MARCH 17**
News release announcing community spread

**MARCH 25**
First Dane County death from COVID-19

**MARCH 25**
Statewide Safer at Home Order goes into effect

**MARCH 26**
Publicly available data dashboard goes live

**MAY 11**
Community test site opens

**MAY 13**
Statewide Safer at Home struck down

**MAY 13**
Dane County Safer at Home order goes into effect

**MAY 18**
Forward Dane plan released, Prepare for Reopen order issued

**MAY 26**
Phase 1 order goes into effect which opens most businesses to 25%

**JUNE 5**
Issue order revising mass gathering criteria

**JUNE 15**
Phase 2 order goes into effect which opens most businesses to 50%

# Response Team

~10 people

~140 people

Increasing capacity

# Response Tools

## Public Health Orders

Minimizing opportunities for virus to spread

**MARCH 13**
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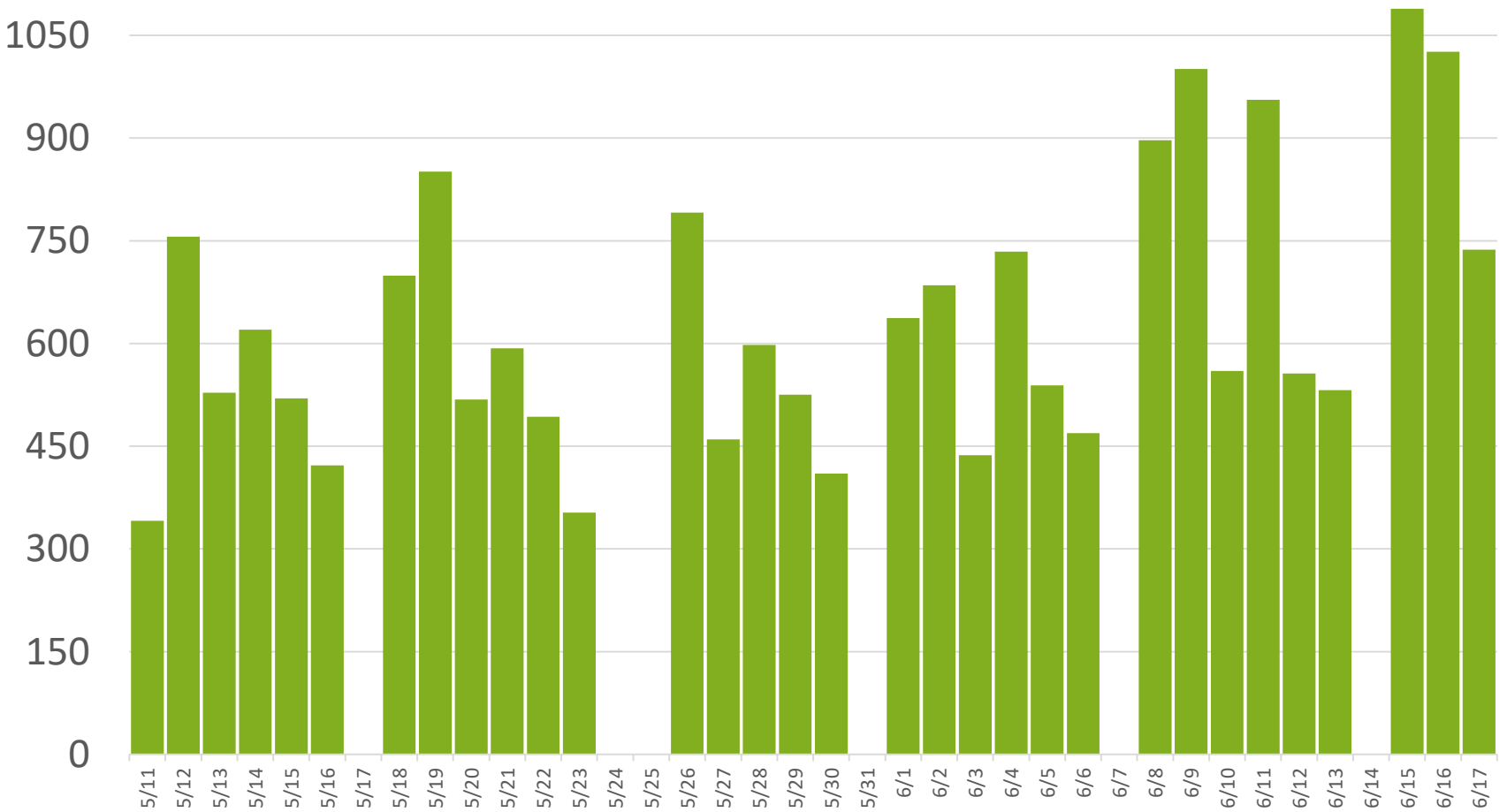
# Response Tools

## Testing

Identifying new cases in our community




Tests completed at community test site by date

# Response Tools

## Contact Tracing

Containing spread of virus in our community

## 36 tracers

People doing contact tracing work

## 27 support staff

People coordinating, analyzing, and directly supporting contact tracing work

## 13 being hired

Currently hiring more tracers and infection control preventionists

# Response Tools

## Data

Collecting and analyze data to drive decision-making

## Communications

Crafting and sharing messages; responding to community questions

## Technical Assistance

Answer questions, develop guidance, connect with resources

# We are in Phase 2

**PREPARE FOR SAFE REOPEN**
(May 18 – May 25)

**PHASE 1**
IMPLEMENT
(May 26 – June 15)

**PHASE 2**
MAINTAIN
(June 15 - Present)

**PHASE 3**
SUSTAIN
(TBD)

**PHASE 4**
NEW NORMAL
(TBD)

# Looking Ahead

## TENTATIVE PLAN

**PHASE 3**
SUSTAIN
(TBD)

Most businesses open at 75% capacity; some may have additional requirements

Indoor gatherings (public or private): Increase in size with physical distancing

Outdoor gatherings: increase in size with physical distancing

# Rebound Metrics

## Burden + Case Trajectory

1. Average of over 20 cases per day over last two weeks
2. Significant increase in cases compared to previous week
3. Qualitative factors: Outbreak-related? Community spread?

## COVID-related hosp

1. Significant increase in hospitalizations
2. Qualitative factors: Are elective surgeries at normal levels? Are small hospitals in region sounding capacity alarms?

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