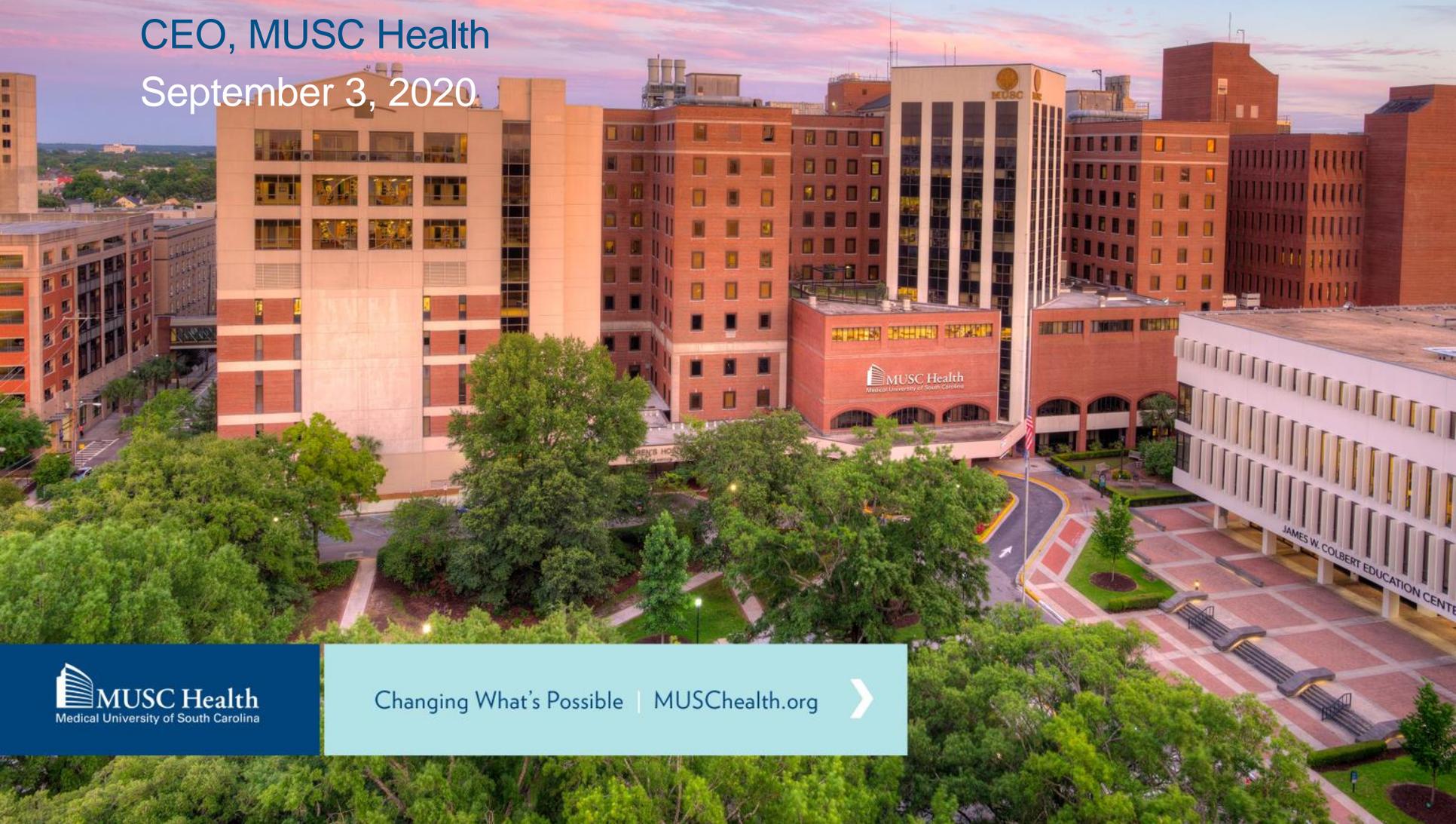


# Update on COVID-19 Testing

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CEO, MUSC Health

September 3, 2020



Changing What's Possible | [MUSChealth.org](https://MUSChealth.org)



# Agenda

1. Process of at-risk community testing (ARCT)
  - › Partners involved
2. Update on numbers & rankings
  - › Overall numbers
  - › Rankings
  - › Trends
  - › Demographics
3. Reimbursement issues
4. Future of ARCT
5. MUSC / MUSC Health Request
6. Questions



# Process of at-risk community testing (ARCT)

## Key Partners:

- › DHEC
- › SCHA
- › MUSC
- › National Guard
- › Federally qualified health centers
- › Community health centers
- › Hospitals / Health systems



# Process of at-risk community testing (ARCT)

How does this work from a patient perspective?

**Most important to patient:** *Turnaround time from decision to result*

## Steps:

1. Decision to collect a specimen
2. Collecting a specimen
  - › Mobile vs Fixed sites
  - › Registration issues
  - › Queue issues
  - › Specimen type (nasal vs naso-pharyngeal vs saliva)
3. Running the test
4. Reporting result back to the patient



# Update on numbers & rankings

## SC DHEC Report:

- › 952,672 PCR tests / 63,331 antibody / 1,018,379 total
- › 16.5% positive PCR
- › 21.8% of SC tests done by DHEC public health lab

## MUSC

- › 164,056 PCR tests / 11,091 antibody
- › 10.2% positive PCR
- › SC tests done by MUSC → 17.2% PCR tests / 17.5% antibody
- › ARCT:
  - › 56,847 PCR tests
  - › 256 sites since April 29<sup>th</sup>



# Update on numbers & rankings

## *Demographics:*

### **Background:**

- › 27% African American (AA) population / 39% of COVID-19 cases / 42% of deaths
- › 67% Caucasian population / 51% of COVID-19 cases / 54% of deaths

### **MUSC:**

- › Overall → 32% AA / 50% Caucasian / 10% unknown
- › ARCT sites:
  - › 50% AA / 32% Caucasian / 12% unknown
  - › 58% female
  - › 345% age > 51
  - › 9% age <18



# Update on numbers & rankings

*Rankings:*

## **Background:**

- › Early May → SC was 47<sup>th</sup> in tests with results per 1000 populations

## **Recent**

- › July 31<sup>st</sup> → 32<sup>nd</sup>



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# Future of ARCT

1. Test capacity
2. Will need to dual test for COVID-19 and Influenza
3. Saliva based testing



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# Additional Recommendations

1. Statewide health information exchange development focused on COVID-19
2. Ensure health insurance reimbursement for COVID-19 testing.
3. Suspend physician order for testing.



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