

# Cape Girardeau County Seroprevalence Study

Report Date: May 21, 2020

Phase I

\*\*Special thanks to Cape Girardeau County Commission, SEHealth and Cross Trails Medical Center.\*\*

Total Eligible Population  
**61,341**  
(Population older than 14 years)

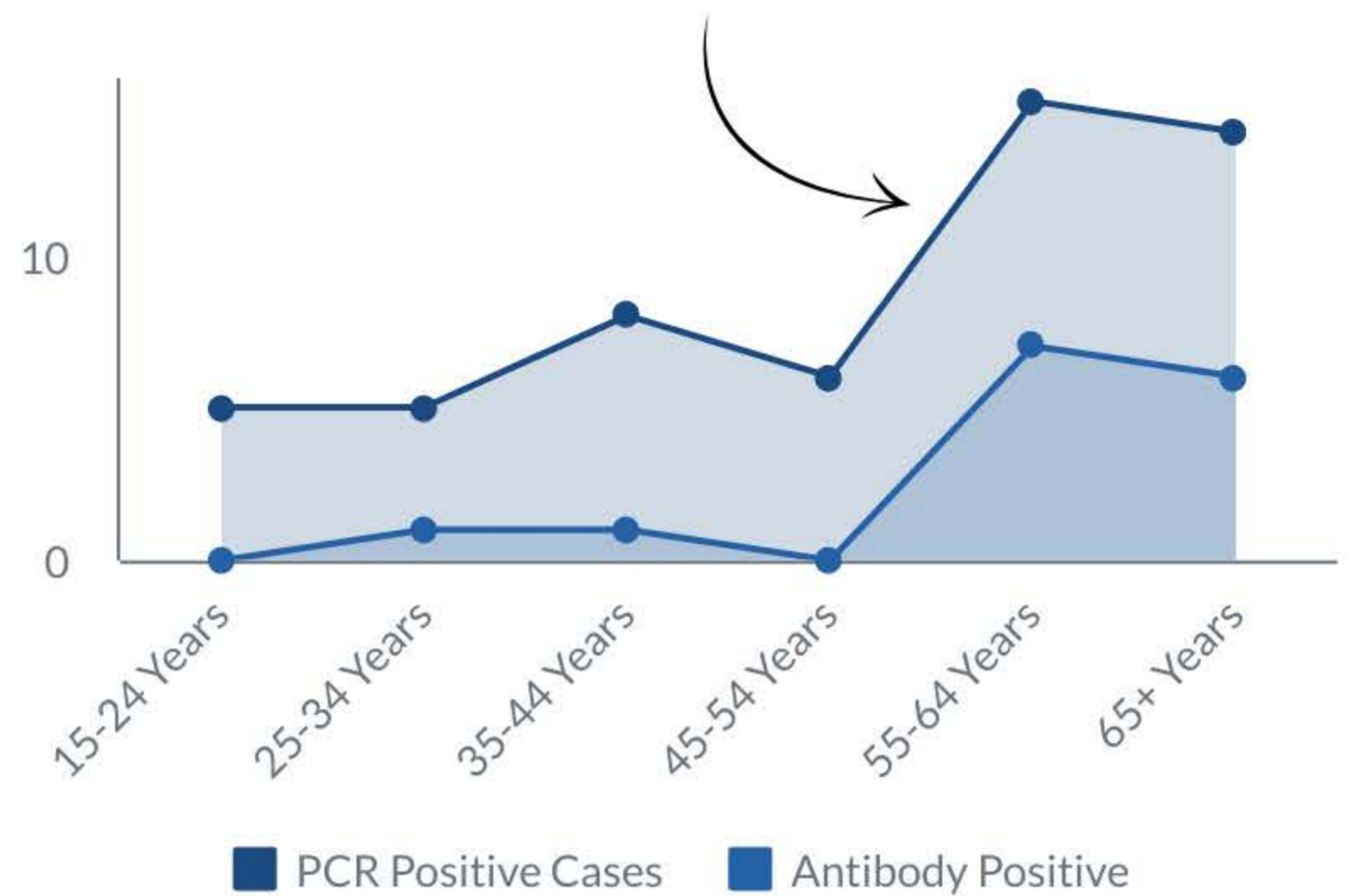
Total # of Respondents to online survey  
**3,799**

Total # Invited to Participate  
**2,193**  
(Cape County residents only)

Total # of Actual Participants  
**1,845**  
(Showed up for testing)

## Antibody Test and PCR Positives

Risk is greatest in those older populations



## Significant Findings from Phase I of Study

Positive

**16**

\*Antibody Positives

Negative

**1,829**

\*Antibody Negatives

Prevalence

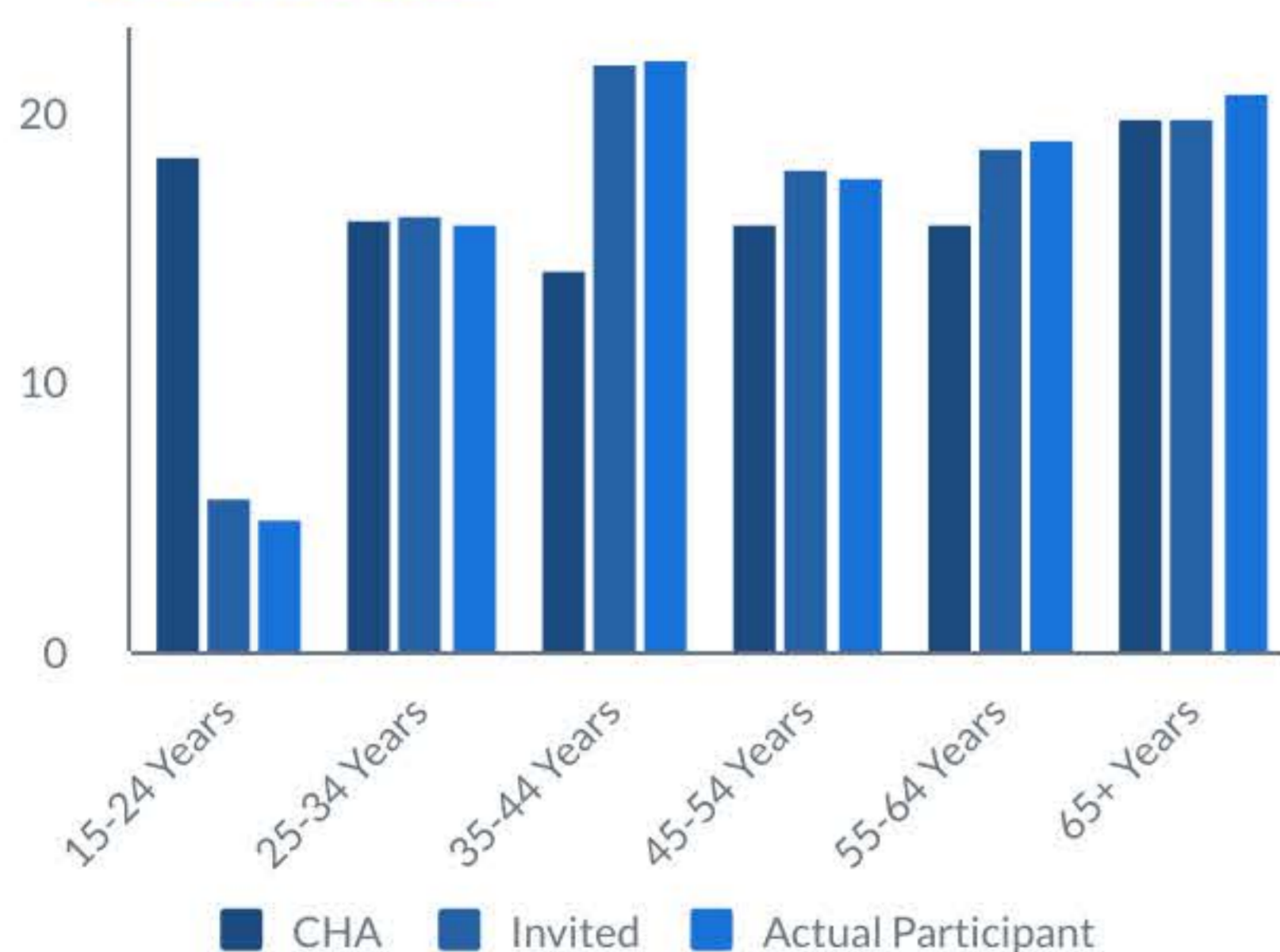
**0.87%**

Percent Positive

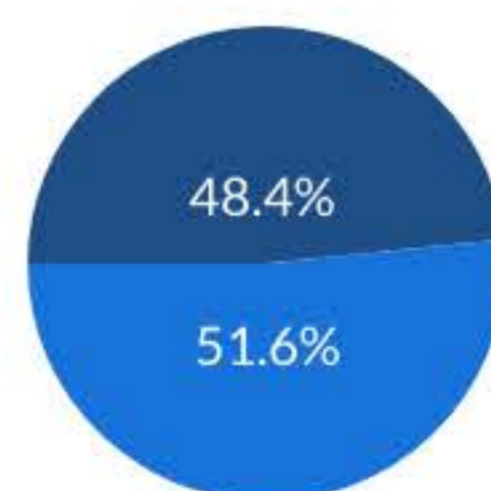
Per Person

**8.7/1,000 persons**

### Age Group Percentages: Matched to CHA Data



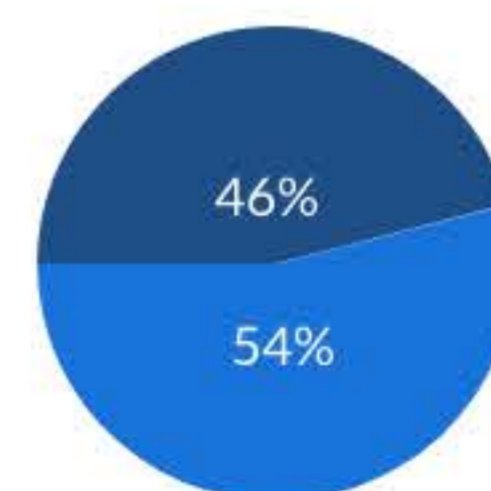
### CHA Data\*



Female (48.4%)  
Male (51.6%)

\*Data used to match participants on.

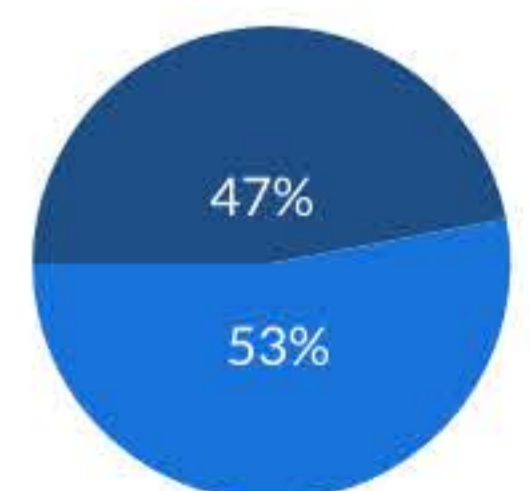
### Invited



Female (46%)  
Male (54%)

Gender pool selected from.

### Actual Participant



Female (47%)  
Male (53%)

Matched to mirror the CHA data.



Those aged 55 and older are at greatest risk in Cape Girardeau County!

### Next Steps

Follow up in 8 weeks

### Next Steps

How many develop antibodies?

Protect those at greatest risk!!

99% of the population are at risk of infection.

No herd immunity currently and not likely in foreseeable future.