

D4A4C: Data For Action

The Center County Community Cohort Study

Why Centre County?

Penn State's early action to delay the return of students has resulted in **low coronavirus transmission** due to

**Reduced population density,
Increased physical distancing,
Few introductions of infection**

These same factors are a significant financial strain on our community.

Data For Action

The apparent low rate of coronavirus transmission means that we have very little information on which to assess the public health consequences of return to operations.

The Data For Action Study will combine **virus and antibody testing** with **surveys of the impact of the pandemic** on both the resident community and returning students (*when that occurs*).

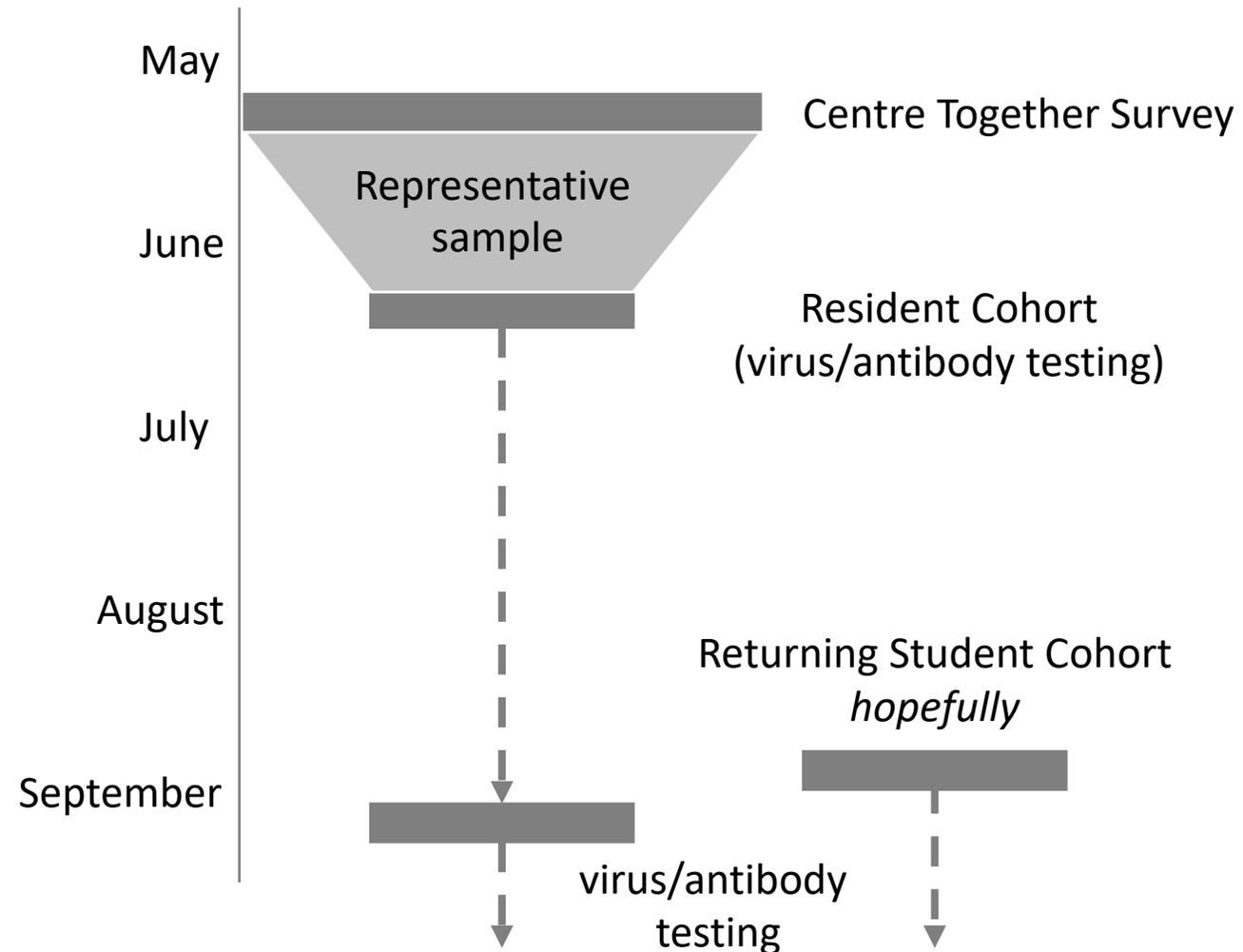
The resulting data can help to inform University and community decision-making.

The Centre Together Survey

An initial short survey of Centre County residents to assess:

- Impact of the COVID pandemic
- Compliance with “flatten the curve” interventions
- Demographics
- Interaction with Penn State campus and students

Select a sample that represents the county for inclusion in virus and antibody sampling and in-depth survey



Centre County Community Cohort

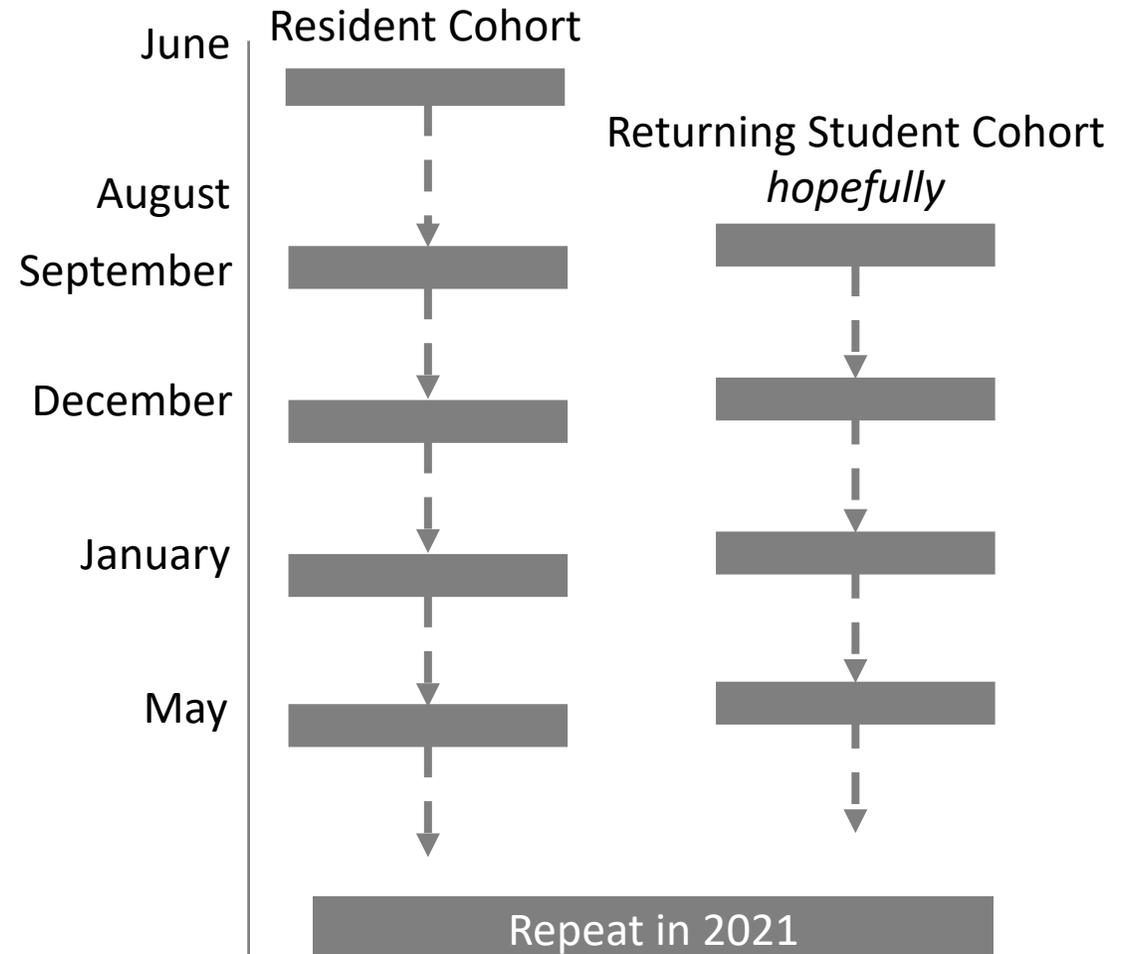
We will offer repeated testing of participants:

1. for active coronavirus infection (swabs or saliva)
2. for antibodies to coronavirus (blood/serum)

Will quantify amount of active and undetected coronavirus transmission AND duration of immunity

3. In-depth surveys about behavior and impact of coronavirus control efforts

Will identify risk categories and allow targeted communication/education efforts.



The Centre Together Survey

Initial survey with broad uptake will allow us to develop a sample that represents the County to:

1. Estimate the extent of undetected coronavirus transmission in Centre County
2. Quantify the impacts of coronavirus outbreak on community
3. Evaluate community perception of “flatten-the-curve” efforts and the return of students

Centre Together

We are asking for your help in promoting this study. The impact of this work requires that the participants:

1. are representative of the community, and
2. continue to participate throughout the year

You can help by spreading the word to your constituents and identifying community leaders that we can work with to ensure clear communication and retention of participants