CO-CEAL and the Common Survey

Empowering Colorado Communities by Addressing COVID-19 Disparities Together

Lisa Lucero & Zachary Giano
CO-CEAL Overview

- Researchers and Community Engaged Research Experts

- 5 Colorado Communities
  - Urban Hispanic/ Latina/o/x
  - Urban Black/African American
  - Urban American Indian/Alaska Native
  - Rural Hispanic/ Latina/o/x;
  - Rural Somali Immigrants
What Issues Were Addressed?

- COVID-19 Vaccine Hesitancy and Misinformation
  - Develop
    - Messaging
    - Materials
    - Dissemination Strategies
How Were Strategies Formed?

• Bootcamp Translation
• Longitudinal Surveys
The Secret to Successful Community Engagement
ENGAGE THE COMMUNITY

- Community Engagement Expert Staff
- Community Connector
- Community Data Collectors
- Community
Boot Camp Translation

- 8-week Rapid Translation
- 13-15 Members
- 1 Community Connector
- 2 Facilitators
- 1 Medical Expert
- 1 Media Designer
Longitudinal Surveys

- Baseline and Two Subsequent Surveys
  - Knowledge
  - Attitudes
  - Intents
  - Vaccination
Co-CEAL Results
Variables

- 300 different variables
- 6 communities
- 3 waves
- 5,000 different descriptive statistics
Communities

- DENVER Urban AI/AN
- DENVER Urban Latina/o/x
- SLV Rural Latina/o/x
- DENVER Urban AA/Black
- PUEBLO Urban Latina/o/x
- FT MORGAN/GREELEY Somali Immigrant
Community Sizes

- DENVER Urban AA/Black 22%
- DENVER Urban AI/AN 7%
- DENVER Urban Latina/o/x 16%
- FT MORGAN/GREELEY Somali Immigrant 21%
- PUEBLO Urban Latina/o/x 12%
- SLV Rural Latina/o/x 22%
Community Results

Percent Tested for Covid-19

- DENVER Urban AI/AN
- DENVER Urban Latina/o/x
- SLV Rural Latina/o/x
- DENVER Urban AA/Black
- PUEBLO Urban Latina/o/x
- FT MORGAN/GREELEY Somali Immigrant
Community Results

Covid-19 Testing and Positivity
Community Results

Trust - Providers & Leaders

- DENVER Urban AI/AN
- DENVER Urban Latina/o/x
- SLV Rural Latina/o/x
- DENVER Urban AA/Black
- PUEBLO Urban Latina/o/x
- FT MORGAN/GREELEY Somali Immigrant
Community Results

Trust - Gov't

Bar chart showing the level of trust towards government (Gov't) for different communities:

- DENVER Urban AI/AN
- DENVER Urban Latina/o/x
- SLV Rural Latina/o/x
- DENVER Urban AA/Black
- PUEBLO Urban Latina/o/x
- FT MORGAN/GREELEY Somali Immigrant

The chart indicates varying levels of trust for each community, with FT MORGAN/GREELEY Somali Immigrant showing the highest trust level.
Community Results

Vaccination vs Trust in Gov't
Additional Results

- Age was positively associated with getting vaccinated
Additional Results

Vaccination % by Age
Additional Results

- Age was positively associated with getting vaccinated.
- Those who were exposed to messaging were twice as likely to test for Covid-19.
- Females were 60% more likely to get vaccinated compared to males.
Additional Results

Vaccinations by Gender

- DENVER Urban AI/AN
- DENVER Urban Latina/o/x
- SLV Rural Latina/o/x
- DENVER Urban AA/Black
- PUEBLO Urban Latina/o/x
- FT MORGAN/GREELEY Somali Immigrant

Males  Females
Future Directions

- Longitudinal analysis
  - By community

- Additional wave of data

- Statistical associations
  - Trust, gender, community, social determinants of health