

### BACKGROUND

Adverse Childhood Experiences (ACE) are very common and adversely affect health outcomes into adulthood. The data collected from ACE questionnaires is essential because it enables us to implement effective interventions, and mitigate adverse health outcomes. However, the ACE patient questionnaire response rates fall below 6% and the rate of provider questionnaire administration is low.

### OBJECTIVES

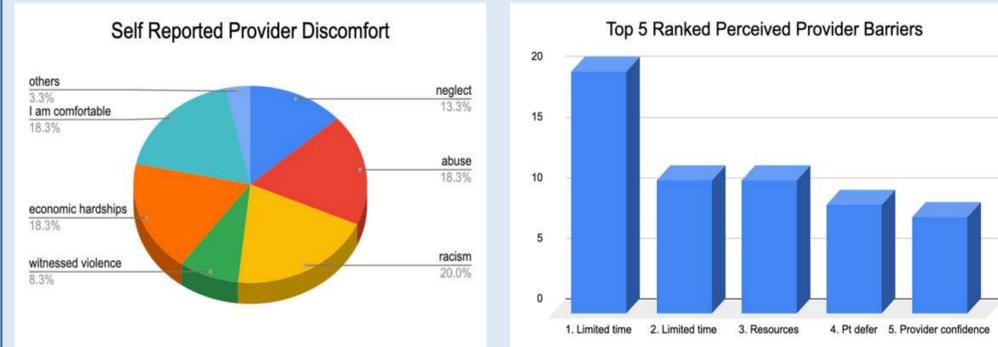
- To create a questionnaire for providers, inquiring about their experience in delivering patient questionnaires, as well as any recommendations to enhance provider confidence.
- Compare the effectiveness of case management interventions within two populations: Patients who have completed the questionnaire and received intervention versus patients who have completed the questionnaire without subsequent intervention.

### METHODOLOGY

- Patient:** A 6-question survey was administered to patients that were referred to case management for ACEs. 11-question survey was administered only to patients that utilized case management services.
- Provider:** An 7-question survey was distributed to 165 providers within the following clinics: West-lake, Children’s Hospital LA, and the following AltaMed ACE Pilot locations: Goodrich, Southgate, Pico-Slauson, and Bristol.

### RESULTS

#### Provider Data:



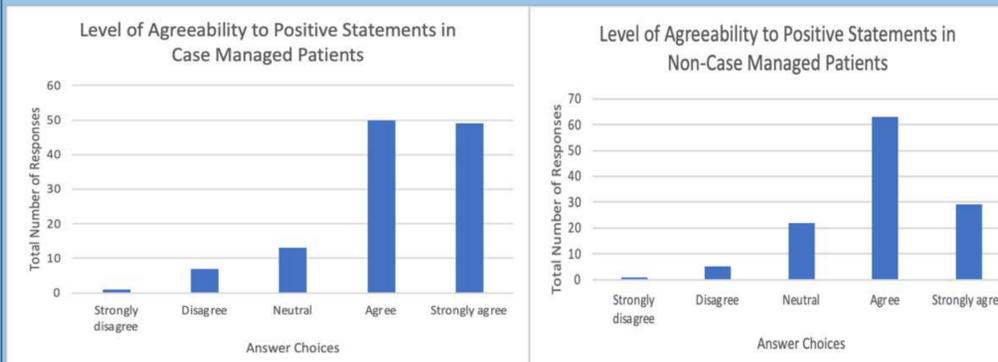
Topic based discussion discomfort: Racism 20.0%, Economic Hardship 18.3%, Abuse 18.3%, and Neglect 13.3%.

18.3% of providers are comfortable discussing all topics.

Reported barriers:

- Limited time, 55.56%
- Limited time, 30.56%
- Limited interventions/services, 30.56%
- Patients decline/defer, 30.08%
- Provider Confidence, 25.81%

#### Patient Data:



- The data shows the vast majority of case managed patients agree or strongly agree w/ positive statements regarding the outcome of their child.
- The data also shows that non-case managed patients answered slightly less agreeable to positive statements regarding the outcome of their child.

### CONCLUSION

#### Patients:

- 82.3% of case managed pts reported improved behavior, mood, stress, anxiety, & future outlook.
- 76% of non-case-managed patients reported an improvement in their child.
- There is a 5.7% increase in agreeability in case-managed patients.
- The data strongly suggest that case management services are effective and positively viewed by patients.

#### Provider:

- 47.5% of providers are confident or extremely confident distributing the survey. However, several topics within the ACE questionnaire prompt provider discussion discomfort.
- Perceived barriers in order or importance: limited time and referral resources, patient declination, and provider confidence.

### RECOMMENDATIONS

- Patient:** Refer all patients with an ACE score of 4 or higher to case management services, recognize a broader definition of ACEs, deploy a holistic and tailored ACE intervention method utilizing various community resources.
- Provider:** Consider creating response template examples specifically on racism, economic hardship, and abuse. Offer providers detailed information on how to connect them with the social and mental health resources within their org.

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References  
[APA format of any references used or quoted in poster]