

# What Are the National Means?

*...and What Do They Really Mean?*

Data insights from WrapStat, part 3



Wraparound Evaluation and Research Team  
Department of Psychiatry & Behavioral Sciences, University of Washington  
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National Wraparound Initiative (NWI) and UW WERT Webinar





# Meet the WERT Team



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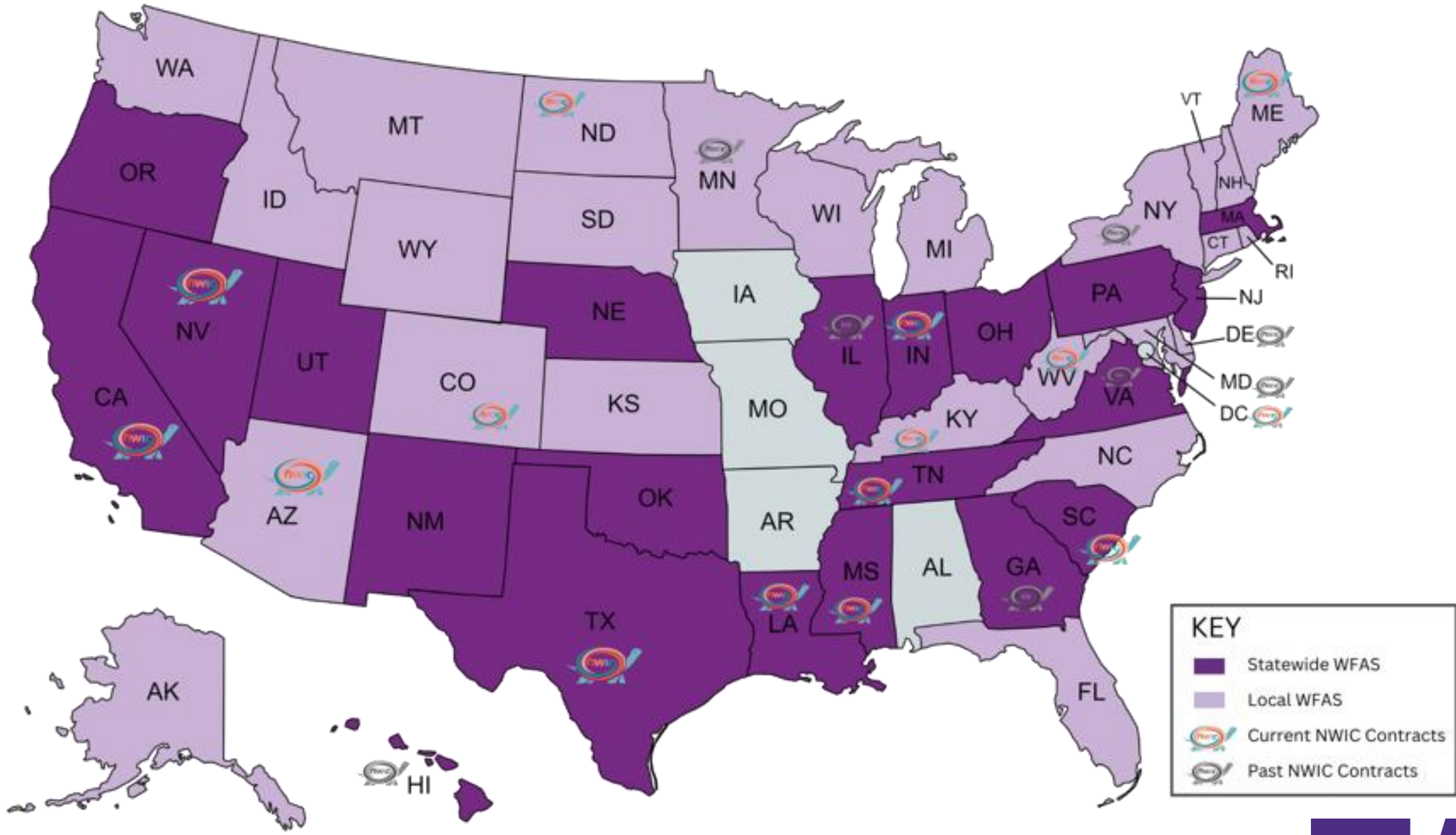
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# The credit for this work also goes to you!

60+ unique organizations, including states, counties, and agencies, from across the U.S. are currently licensed to use WrapStat



# Today we will review data and lessons learned from thousands of Wraparound fidelity assessments

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- > Quick review of WFAS tools and WrapStat
- > First ever review of national data (N~1300) from the Document Assessment and Review Tool (DART)
- > Updated national data from WFI-EZ Caregiver surveys (N~4400)
- > Reflections and discussion from national leaders
- > Q&A from participants



# Wraparound Fidelity Assessment System (WFAS) tools help track Wraparound implementation quality and outcomes

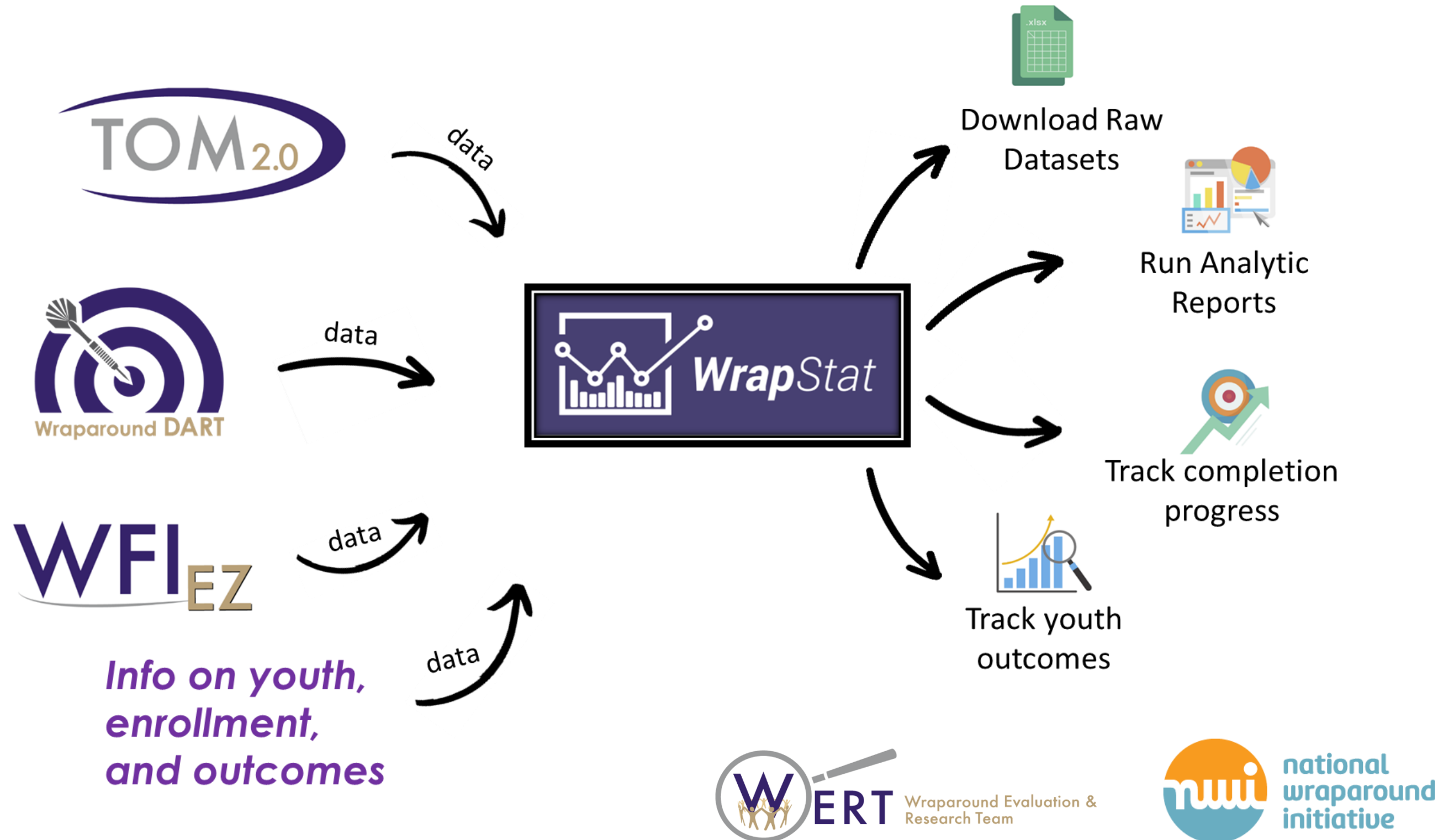
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WFI EZ

TOM 2.0



# WrapStat is the system that coordinates fidelity and outcomes data collection and use



# WrapStat helps states, communities, and organizations get a full picture of Wraparound quality, fidelity, and outcomes

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- **Promoting rigorous data collection**
  - Random sampling, high response rates
- **Evaluating outcomes for Wraparound-enrolled youth**
  - Length of enrollment, reason for discharge, residential/school/community outcomes
- **Managing data**
  - User-friendly interface, data reporting tools, data dashboards
- **Facilitating analysis for the national community of practice for Wraparound and youth system of care**



# **Poll no.1**

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**Which measures of the WFAS does your program or initiative use?  
(Check all that apply)**

- a. Wraparound Fidelity Index – Short Form (WFI-EZ)**
- b. Team Observation Measure (TOM)**
- c. Document Assessment and Review Tool (DART)**
- d. We don't use any currently**
- e. I have no idea**



## **Poll no.2**

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**How Long Has Your Initiative or Organization Used the WFAS Measure(s)?**

- a. We don't use any of the measures yet**
- b. Less than 5 Years**
- c. 5-10 Years**
- d. More than 10 Years**
- e. Too long to count**

# A Deep Dive into Fidelity: Results from the DART



1. What is the DART and what is its reliability and validity?
2. According to the DART, what aspects of Wraparound fidelity are most difficult to achieve?
3. What areas of DART fidelity are associated with youth/family outcomes?

# The DART Assesses Fidelity from Reviews of Wraparound Documentation

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- > Referral information
- > Strengths, Needs & Culture discovery/family story
- > CFT meeting notes/documentation/attendance
- > Standardized assessments
- > Progress Notes
- > Outcomes measures
- > Documentation from Systems Partners
- > Crisis/Safety and Transition plans
- > Any other documentation that is unique to your system



# What Does the DART Consist of?



Background  
information

**Section A:** Review Information

**Section B:** Case Information

**Section C:** Youth Information

Scored  
Fidelity  
Sections

**Section D:** Timely Engagement

**Section E:** Wraparound Key Elements\*

**Section F:** Safety Planning

**Section G:** Crisis Response

**Section H:** Transition Planning and Reason

Outcomes

**Section I:** Outcomes

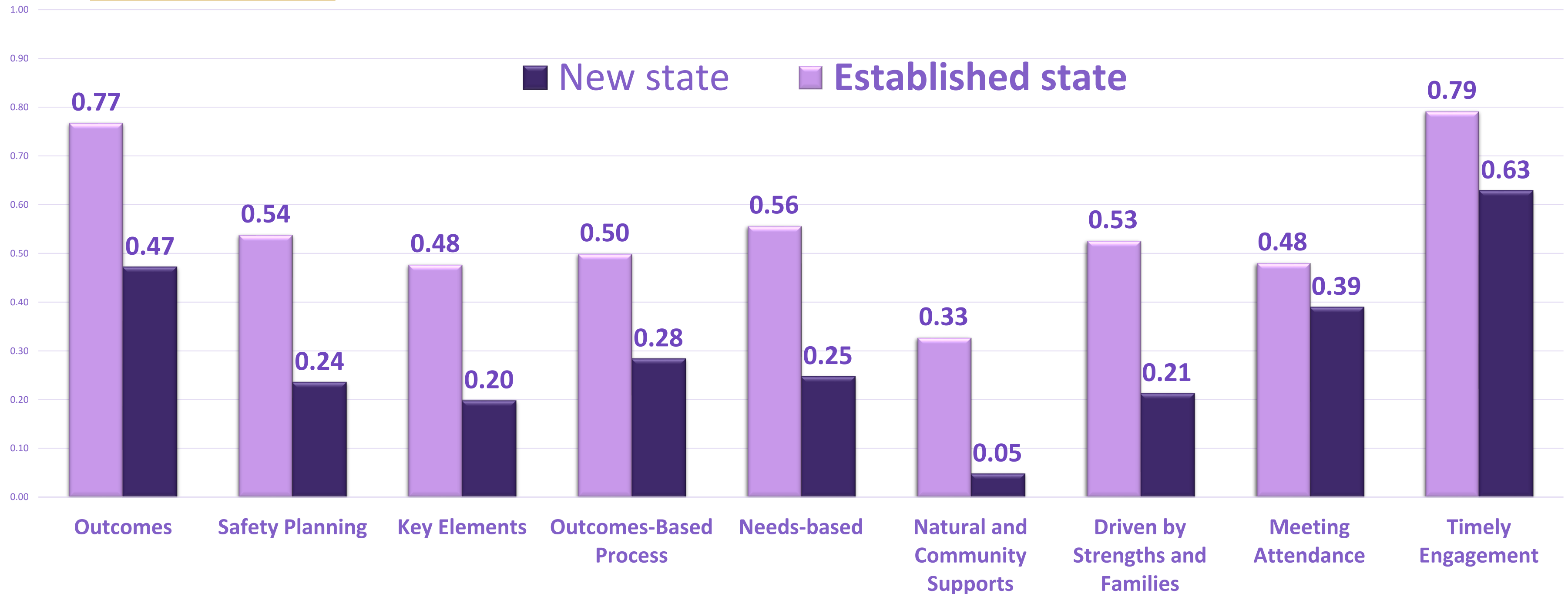
# What DART Data Do We Have to Analyze?

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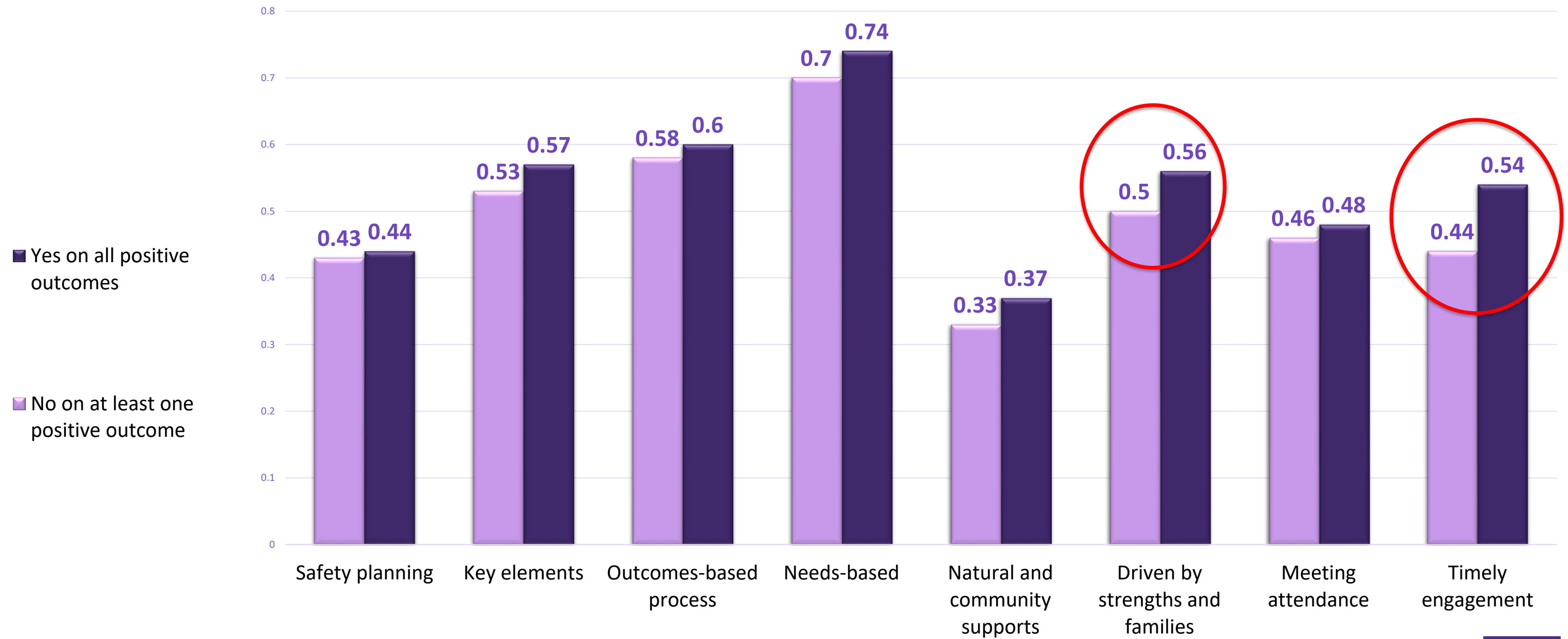
- > **Approx 1298 DARTs**
- > **from 7 States**
- > **Completed by a diverse set of raters**
  - **Including WERT and Innovations Staff**
  - **and Local evaluators and coaches**



# VALIDITY: DART Scores are Far Higher for Established Wrap States than New States



# For All DART Subscales, Outcomes are More Positive When Fidelity Is Scored Higher





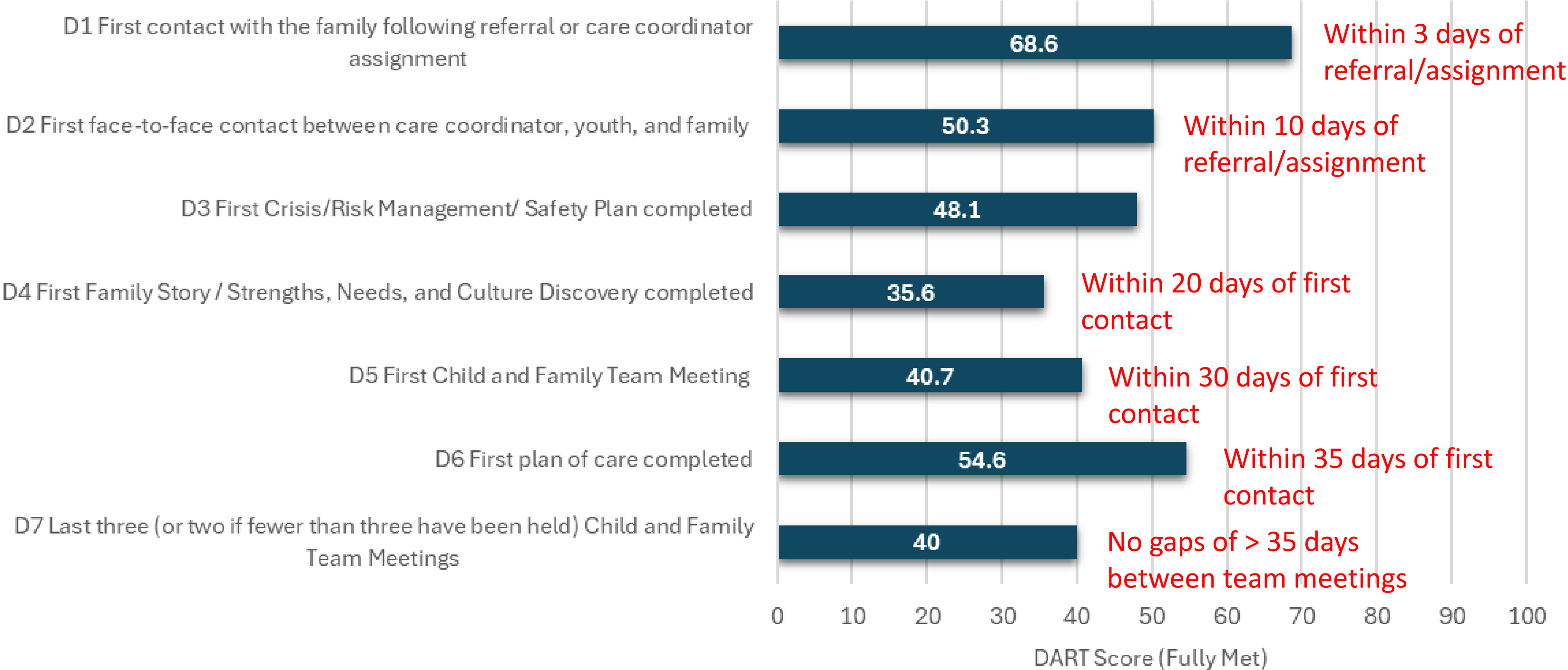
# Individual DART Item Scores

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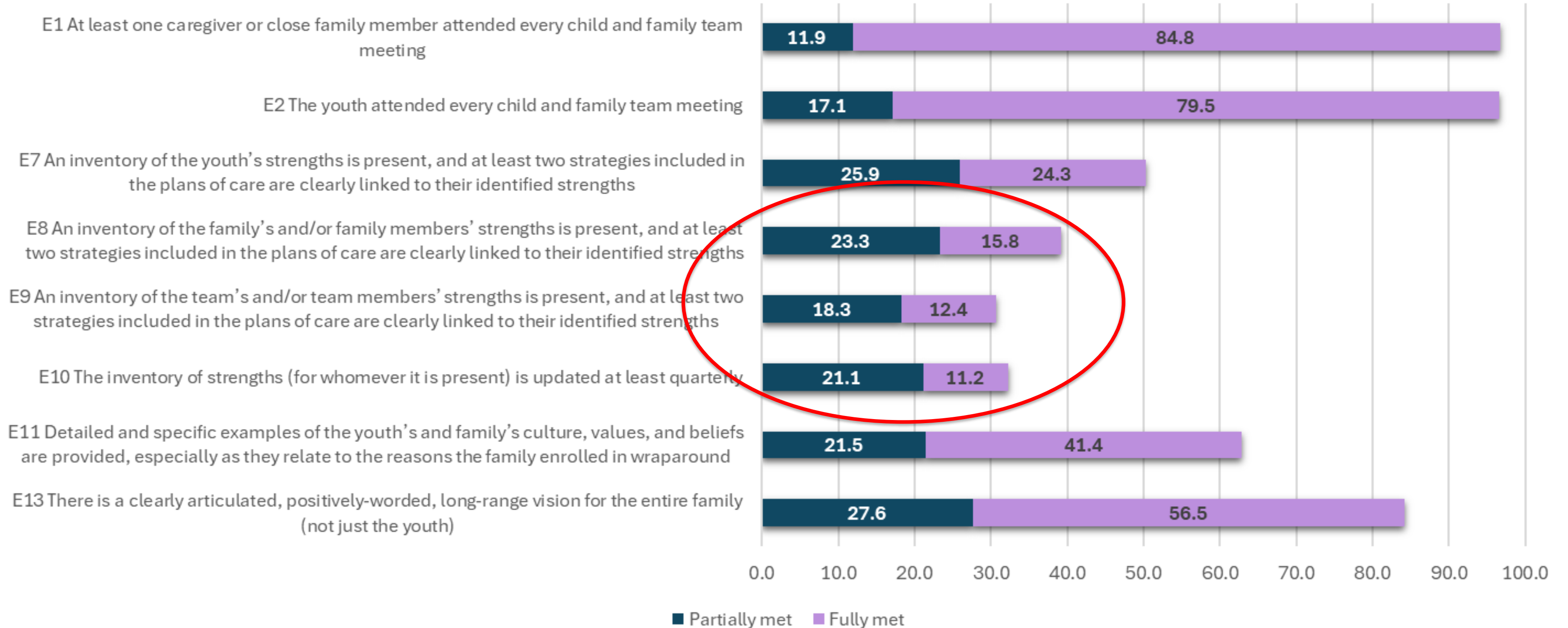


# Timely engagement: Item level responses



# Teams Struggle to Connect Strengths to Strategies

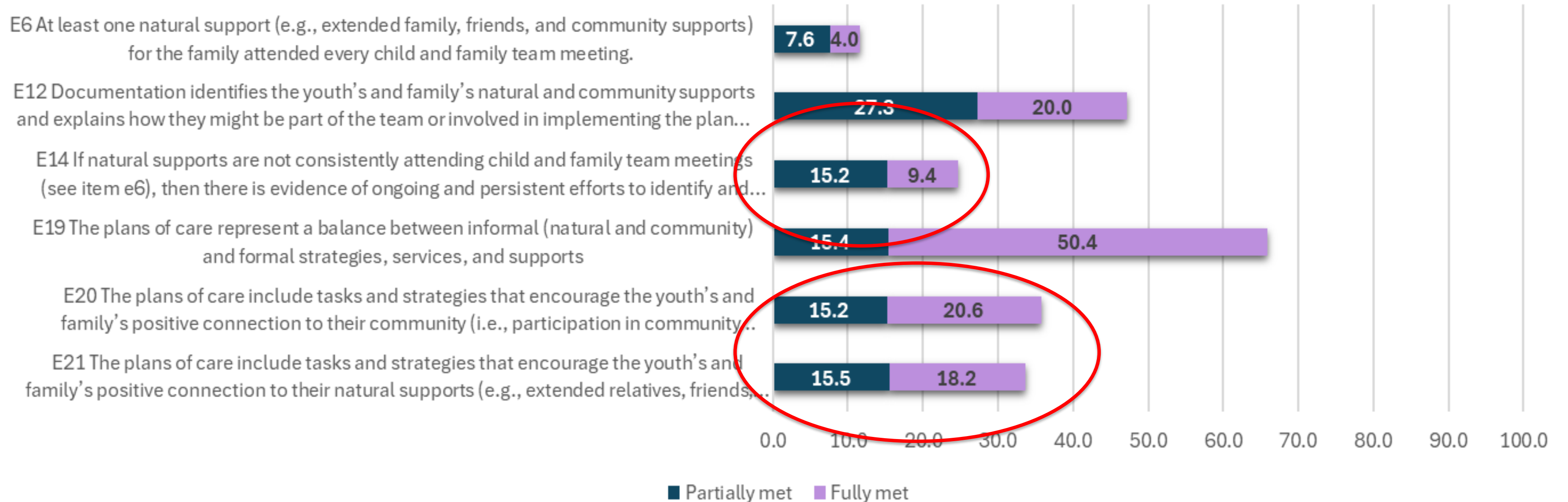
## Driven by strengths and families: Item level responses



# Informal Strategies are Common 😊

# Involvement by Natural Helpers Is Very Uncommon 😞

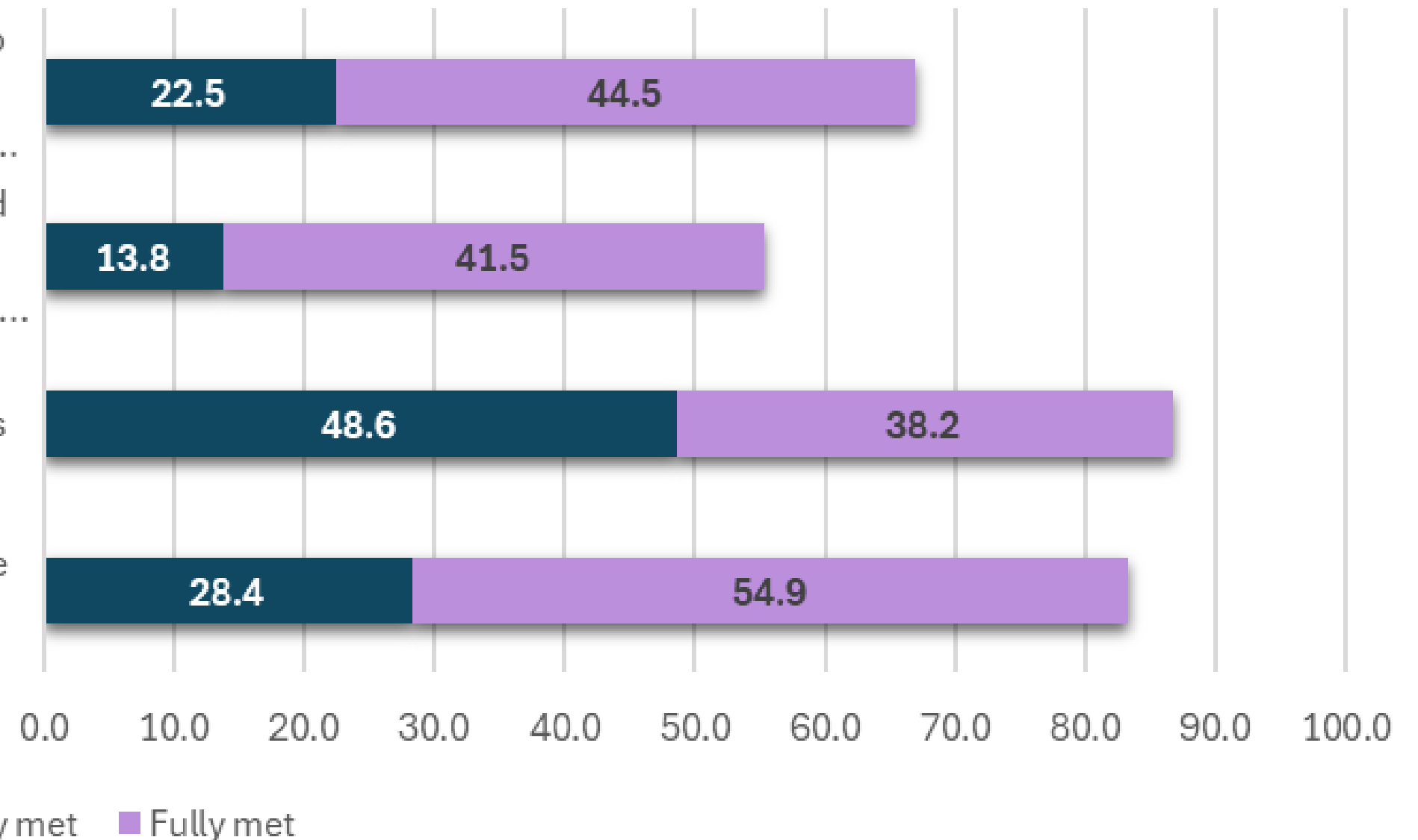
Natural and community supports: Item level responses



# Wraparound Teams are Better at Needs Statements and Individualized Strategies

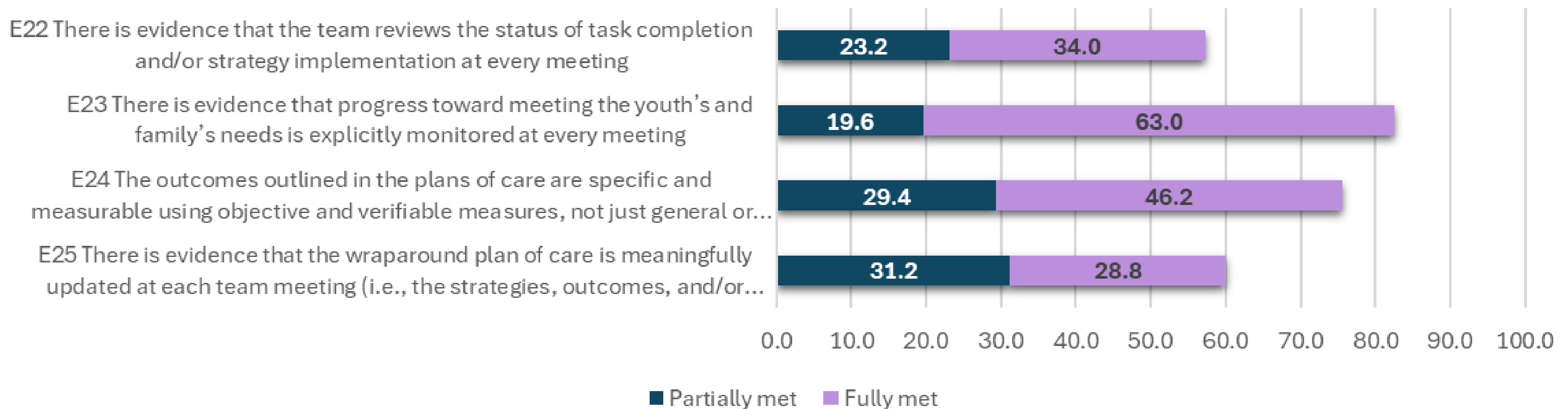
## Needs-based: Item level responses

- E15 Needs statements for the youth are included in every plan of care, and refer to the underlying reasons why problematic situations or behaviors are occurring. These needs are not simply stated as deficits, problematic behaviors, or service...
- E16 Needs statements for family members are included in every plan of care, and refer to the underlying reasons why problematic situations or behaviors are occurring. These needs are not simply stated as deficits, problematic behaviors,...
- E17 No plan of care includes more than three needs statements
- E18 The strategies in the plans of care are clearly individualized and can be logically expected to meet the youth's and family's needs



# Some Level of Progress Monitoring is Happening for Over Half of Teams

## Outcomes-based process: Item level responses



# A Deep Dive into Fidelity: Results from the WFI-EZ

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**WFI**<sub>EZ</sub>

1. What are Response Rates for our collaborators on the WFI-EZ?
2. What are the national means for the WFI-EZ?
3. What fidelity domains and items are most challenging to achieve?



## **Poll No.3**

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- > **What was the name of the first-ever fidelity measure used for Wraparound? (choose one)**
  - **The QUAFF (Quality Assessment for Family Fidelity)**
  - **The TART (Team Adherence Review Tool)**
  - **The SPIFY (Service Process Inventory for Families and Youth)**
  - **The TWIST (Team Wraparound Integrity Survey Tool)**
  - **None of the above**

# WFI-EZ

## Section A - Basic Questions

WRAPAROUND FIDELITY ASSESSMENT SYSTEM



### SECTION A: WRAPAROUND INVOLVEMENT

*For the following statements, please answer "Yes" if you agree or "No" if you disagree.*

	Yes	No
A1. My family and I are part of a team (e.g., Wraparound team or Child and Family Team), AND this team includes more people than just my family and one professional.	<input type="checkbox"/>	<input type="checkbox"/>
A2. Together with my team, my family created a written plan (e.g., Wraparound Plan or Plan of Care) that describes who will do what and how it will happen.	<input type="checkbox"/>	<input type="checkbox"/>
A3. My team meets regularly (e.g., at least every 30-45 days).	<input type="checkbox"/>	<input type="checkbox"/>
A4. Our Wraparound team's decisions are based on input from me and my family.	<input type="checkbox"/>	<input type="checkbox"/>

Intended to represent “non-negotiables” of  
Wraparound



# WFI-EZ

## Section B - Your Experiences in Wraparound

### SECTION B: EXPERIENCES IN WRAPAROUND

For the following statements, please think about your experiences with Wraparound. Indicate how much you agree with each statement with the options, "Strongly Agree", "Agree", "Neutral", "Disagree", "Strongly Disagree", or "Don't Know".

		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Don't Know
B1.	My family and I had a major role in choosing the people on our Wraparound team.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B2.	There are people providing services to my child and family who are <u>not</u> involved in my Wraparound team.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B3.	At the beginning of the Wraparound process, my family described our vision of a better future to our team.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B4.	My Wraparound team came up with creative ideas for our plan that were different from anything that had been tried before.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B5.	With help from members of our Wraparound team, my family and I chose a small number of the highest priority needs to focus on.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**\*Section B has 25 questions total**



# WFI-EZ

## Section D - Outcomes

### SECTION D: OUTCOMES

For the following statements, please answer "Yes" if the statement is true or "No" if the statement is not true.

Since starting Wraparound...	Yes	No	Don't Know
D1. My youth has had a new placement in an institution (e.g., detention, psychiatric hospital, treatment center, group home).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D2. My youth has been treated in an Emergency Room due to a mental health problem.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D3. My youth has had a negative contact with police.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D4. My youth has been suspended or expelled from school.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

For the following statements, please select the degree to which your youth experienced each, if any, of the problems.

In the past month, my youth has experienced...	Very Much	A Good Deal	A Little Bit	Not at All	Don't Know
D5. Problems that cause stress or strain to me or a family member.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D6. Problems that disrupt home life.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D7. Problems that interfere with success at school.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D8. Problems that make it difficult to develop or maintain friendships.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D9. Problems that make it difficult to participate in community activities.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

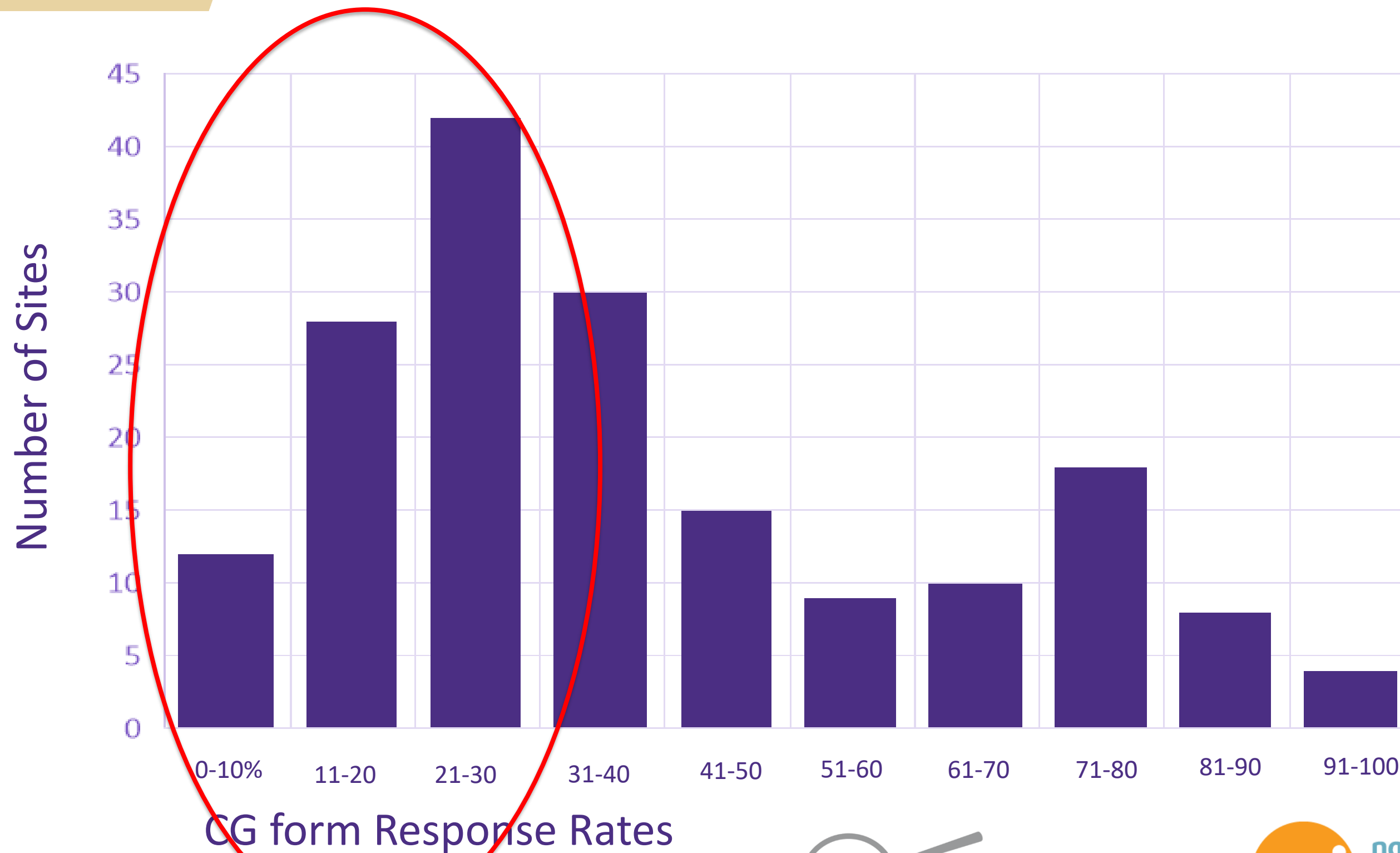
**\*Section D only in Caregiver and Care Coordinator forms**

# Who are we including in our “National Means Sample”?

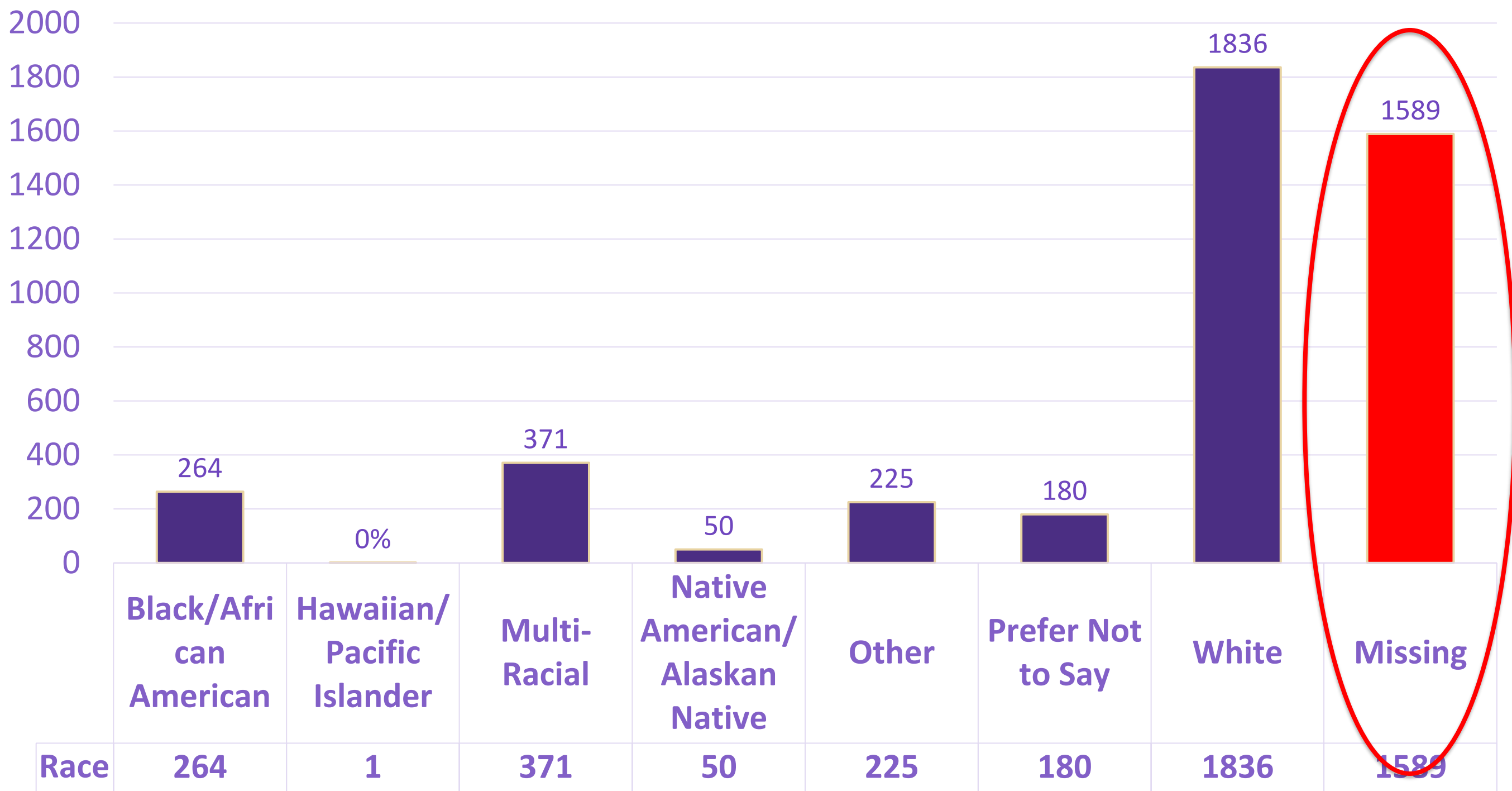
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- > Only included surveys collected between 1/1/2022 – 10/31/2024
- > Filtered out data from test/demo sites and cycles
- > Filtered out data from respondents connected with youth <1 and >40
- > Filtered out data from respondents with too much missing data to calculate any subscales
- > Filtered out duplicate records
- > **Final sample includes 4,541 caregivers, 4,411 coordinators, 2,270 team members, and 1,565 youth**

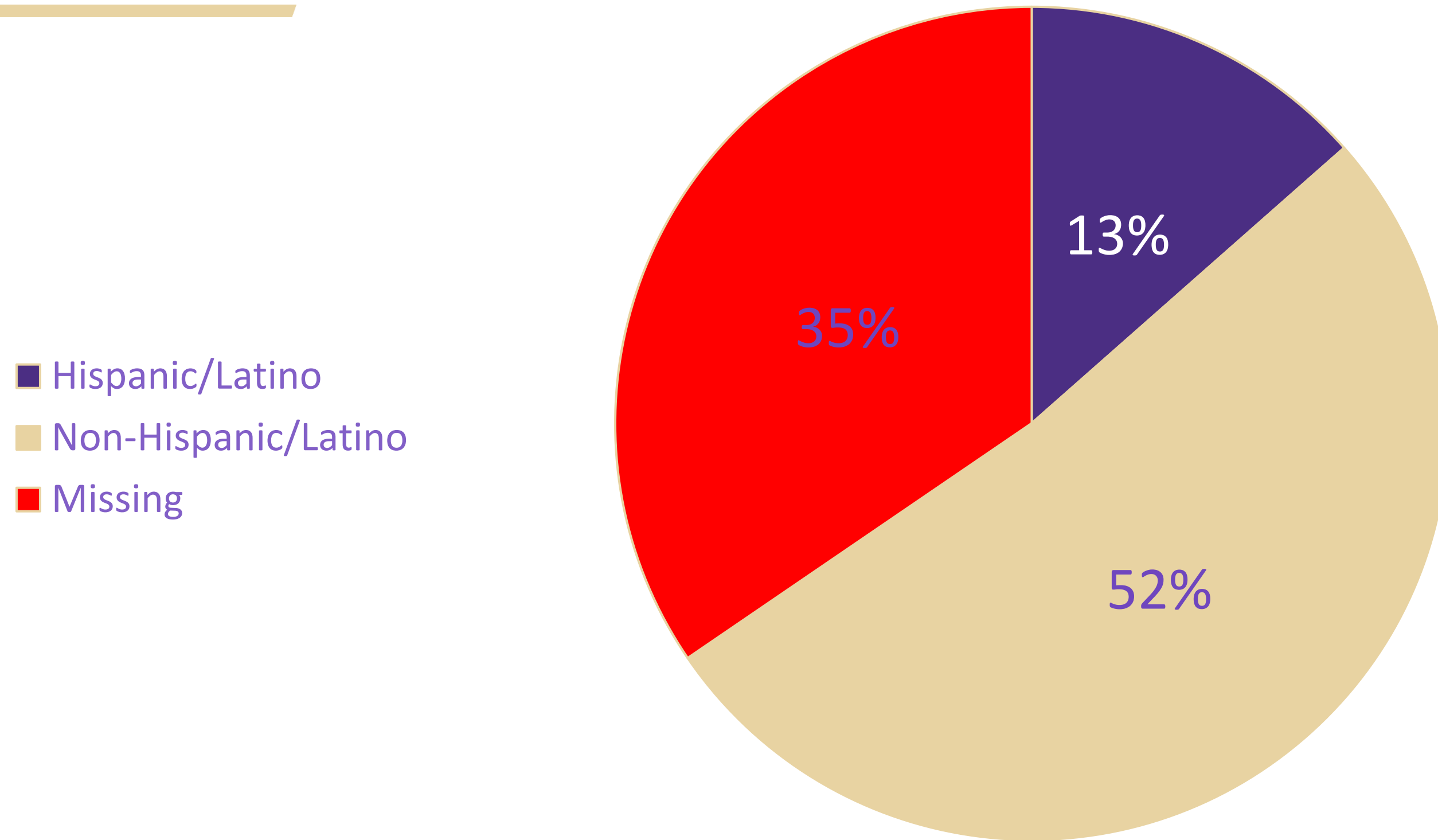
# Half of all WFI-EZ User Sites Obtain Response Rates <30%



# Majority (67%) of Youth in Sample are White; However, over 1/3 of Race Data are Missing

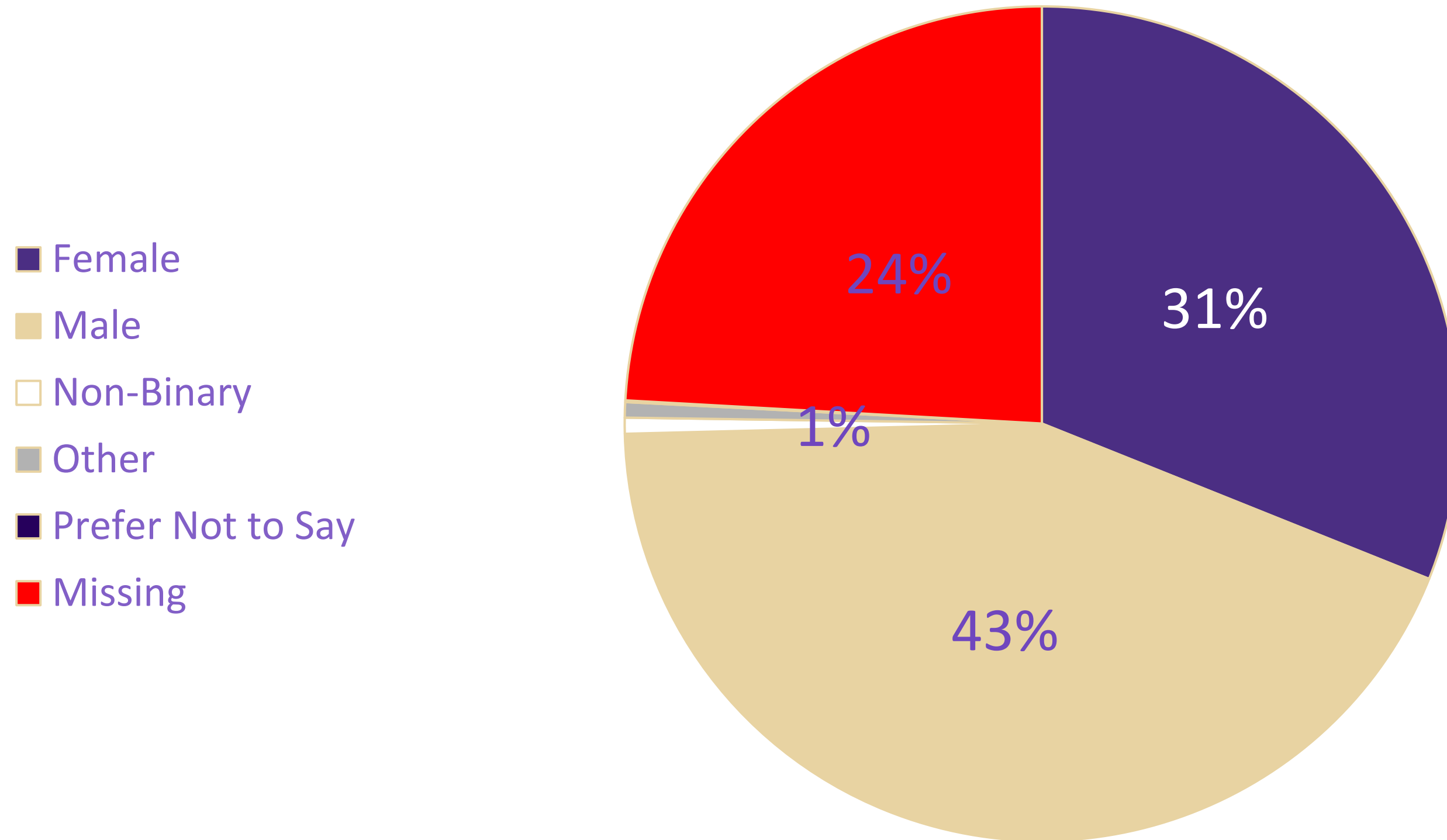


# 20% of Youth in Sample are of Latinx ethnicity However, 35% of Ethnicity Data are Missing



- Hispanic/Latino
- Non-Hispanic/Latino
- Missing

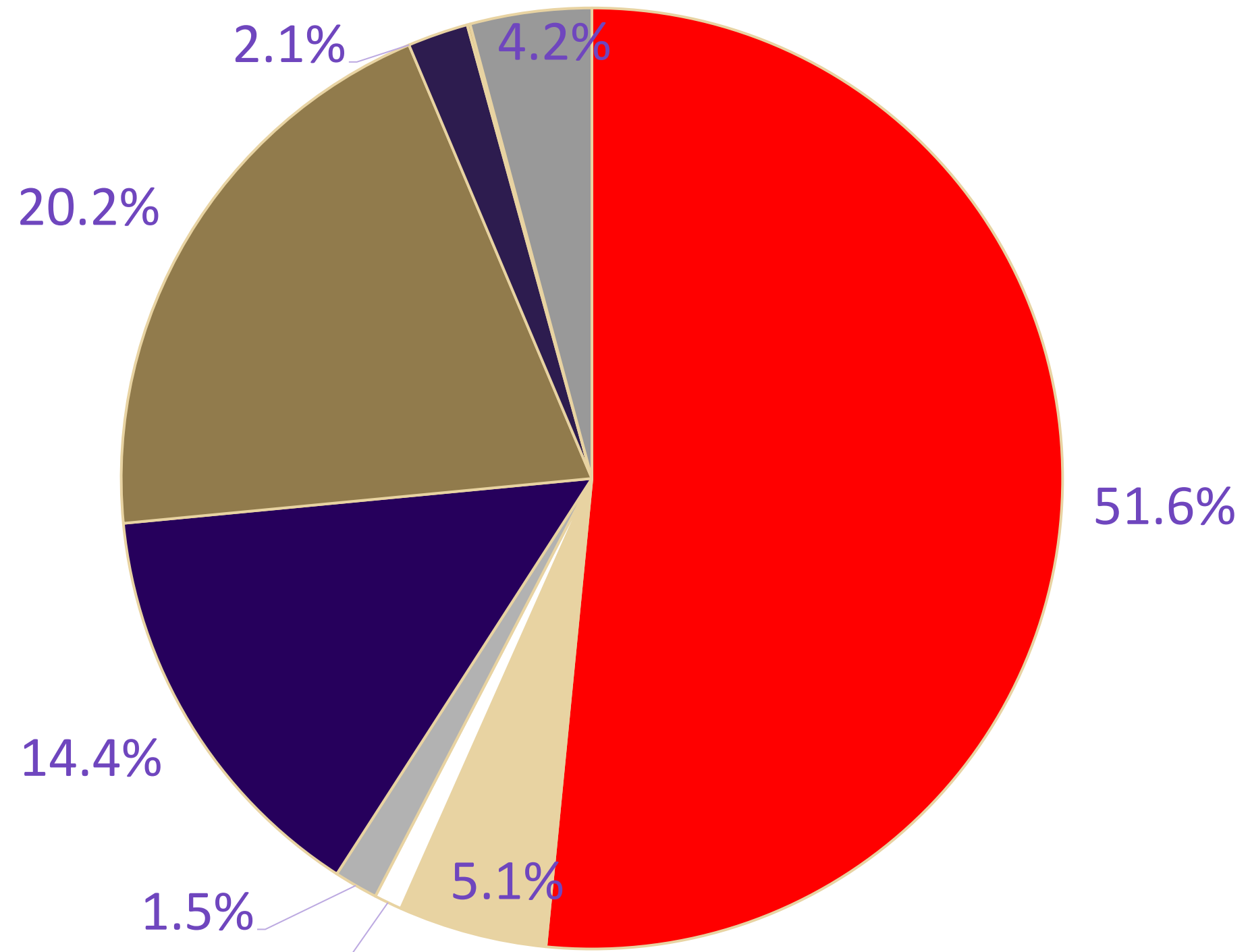
# 57% of Youth in Sample are Male



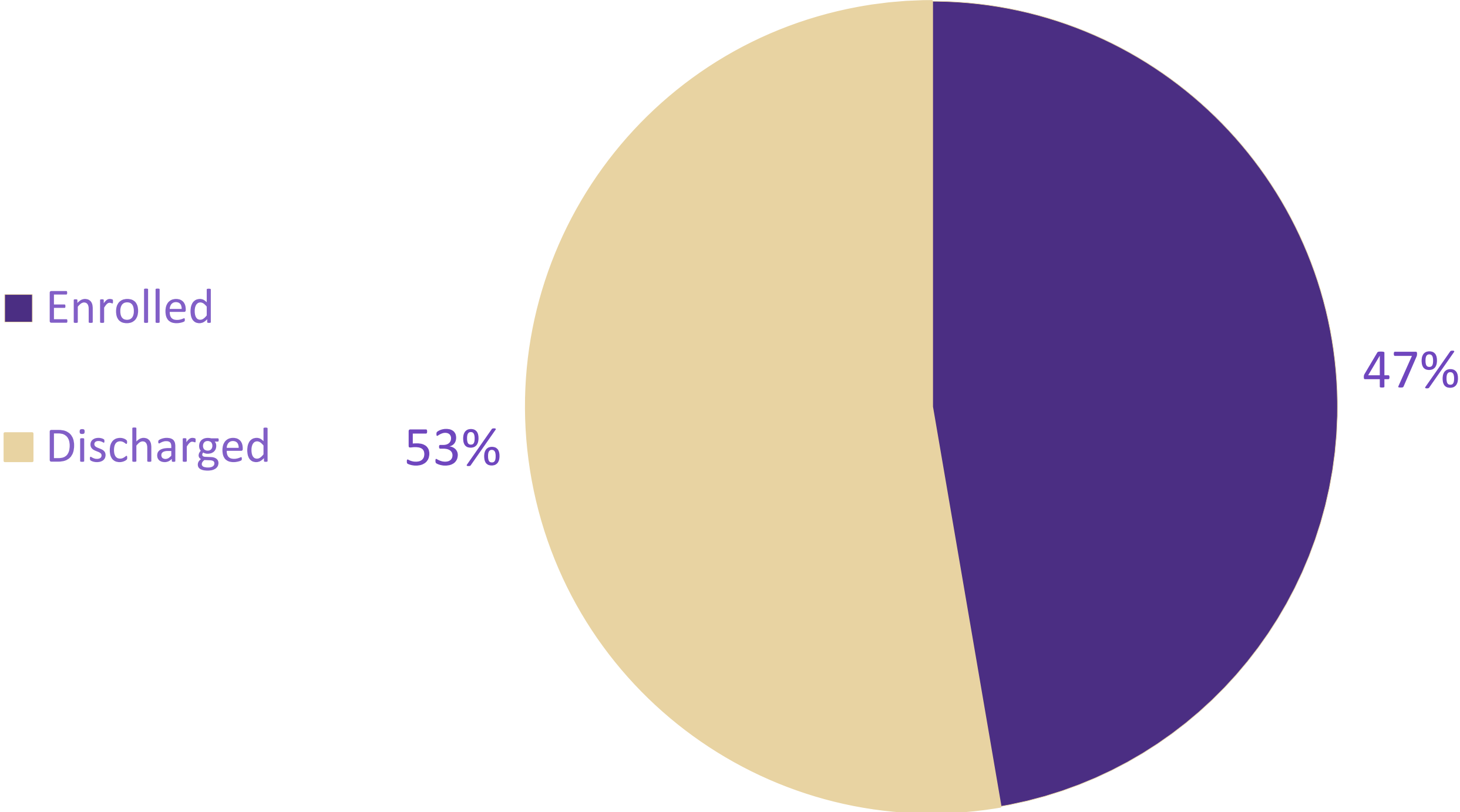


# Legal Guardian is Both or One Birth Parent for 75% of Youth

- Missing
- Adoptive Parents
- Aunt/Uncle
- Birth Father
- Birth Mother
- Birth Parents
- Foster Parents
- Friends
- Grandparents



# Over Half of Youth in Our WFI-EZ Sample Have Been Discharged from Services

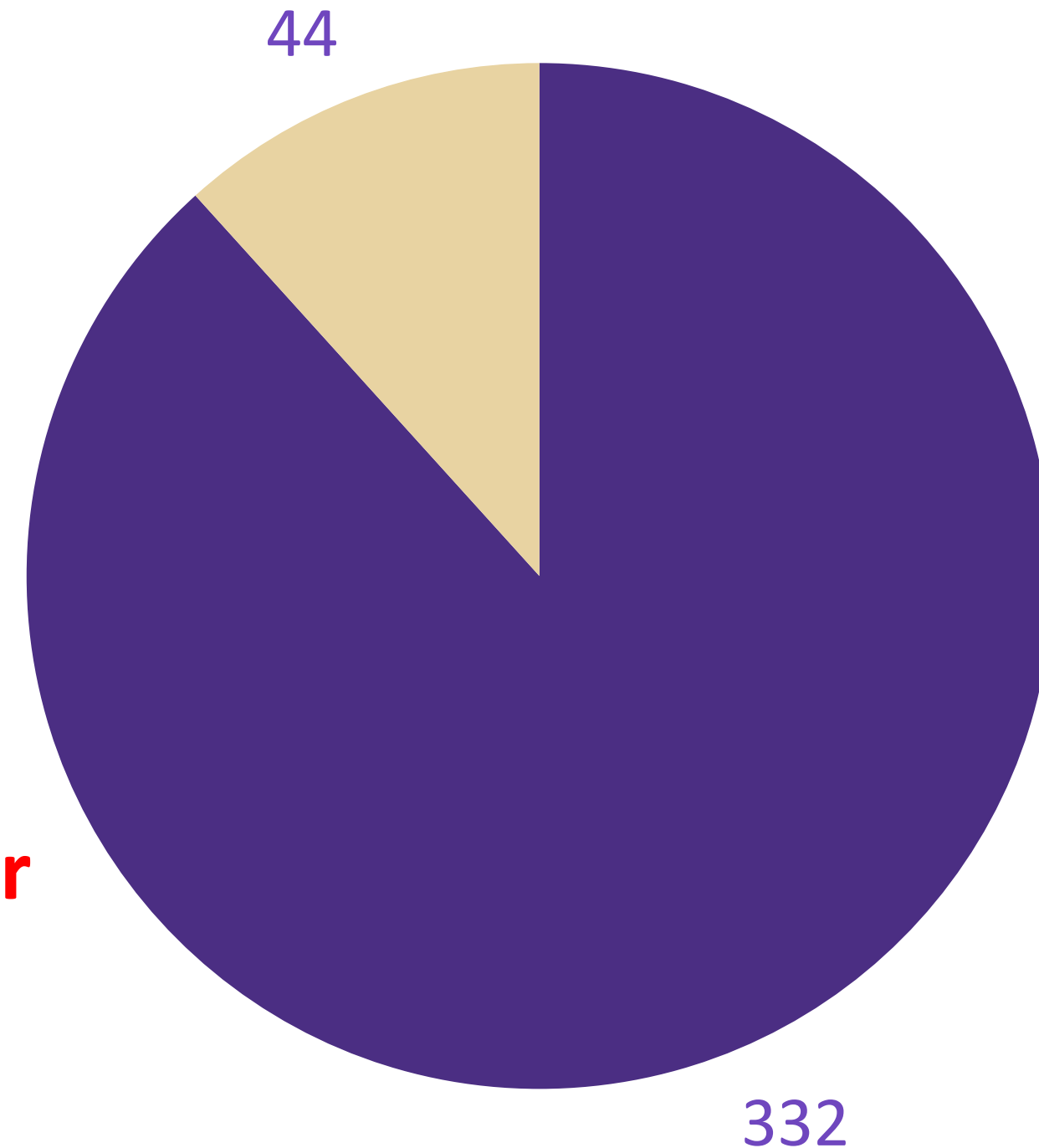


# Approx 12% of Youth Have Prior Juvenile Justice Involvement (But only 10% of Records are Complete)

History of juvenile justice involvement:

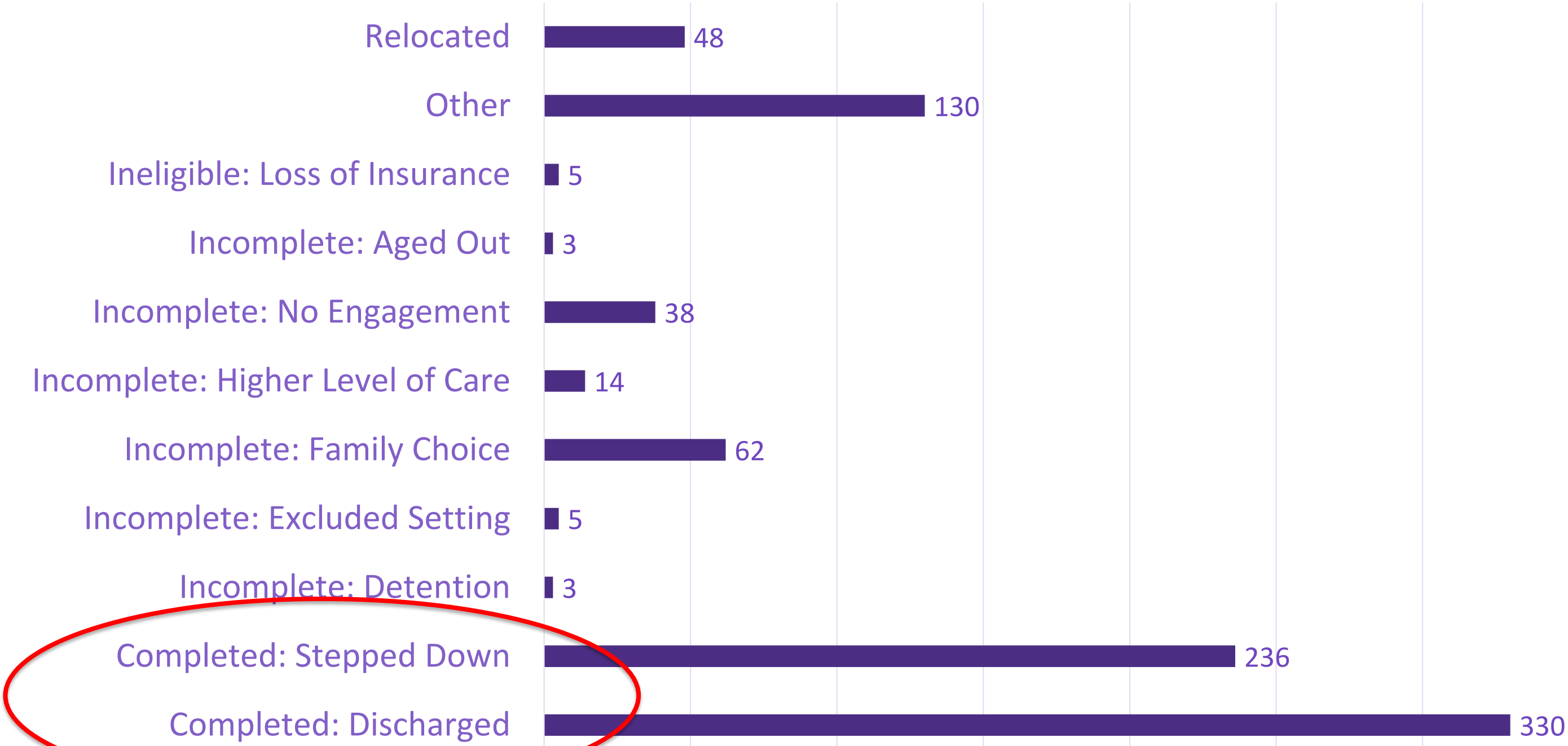
- No
- Yes

Missing for 4,086 youth



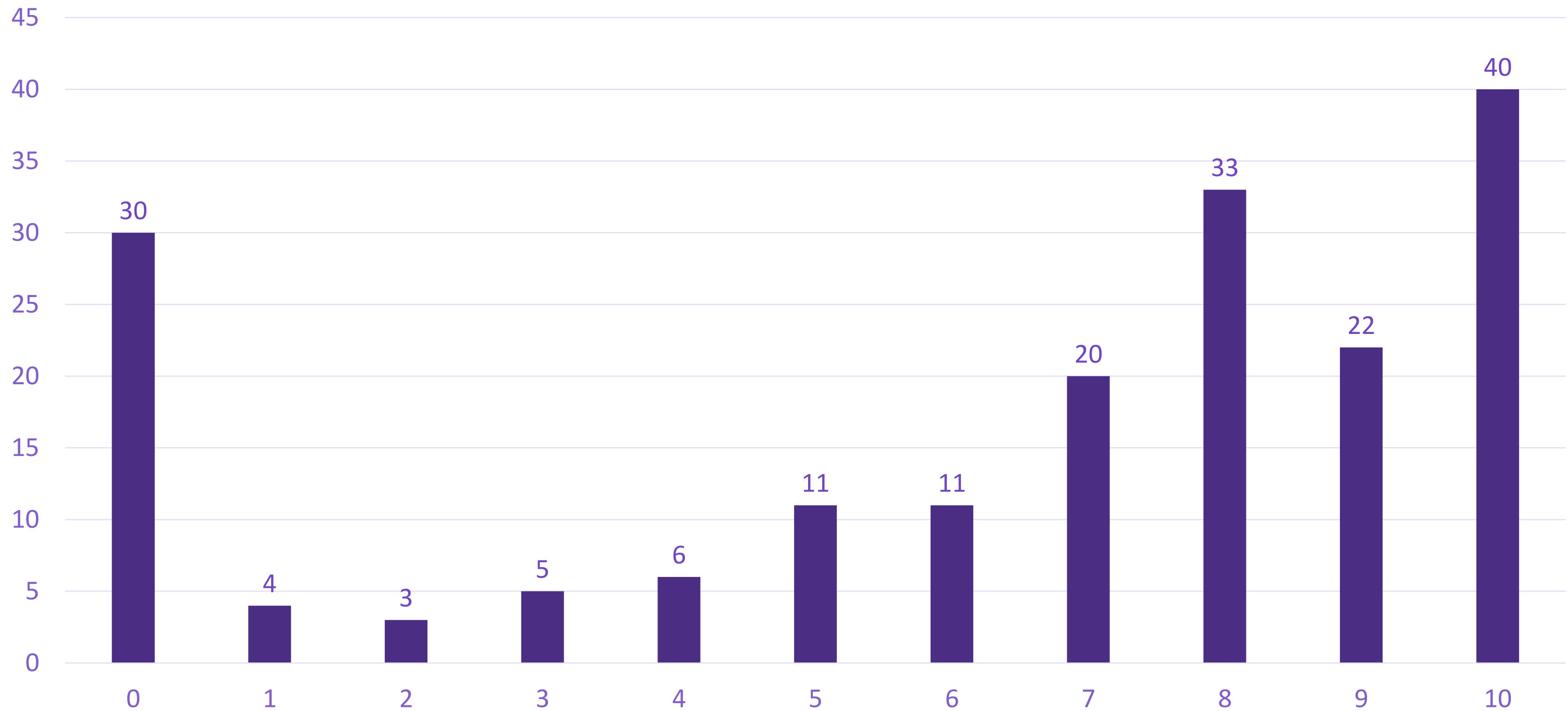
# 65% of Youth Exited Wraparound Successfully; However, Data Incomplete

Exit reason missing for 3,666 youth

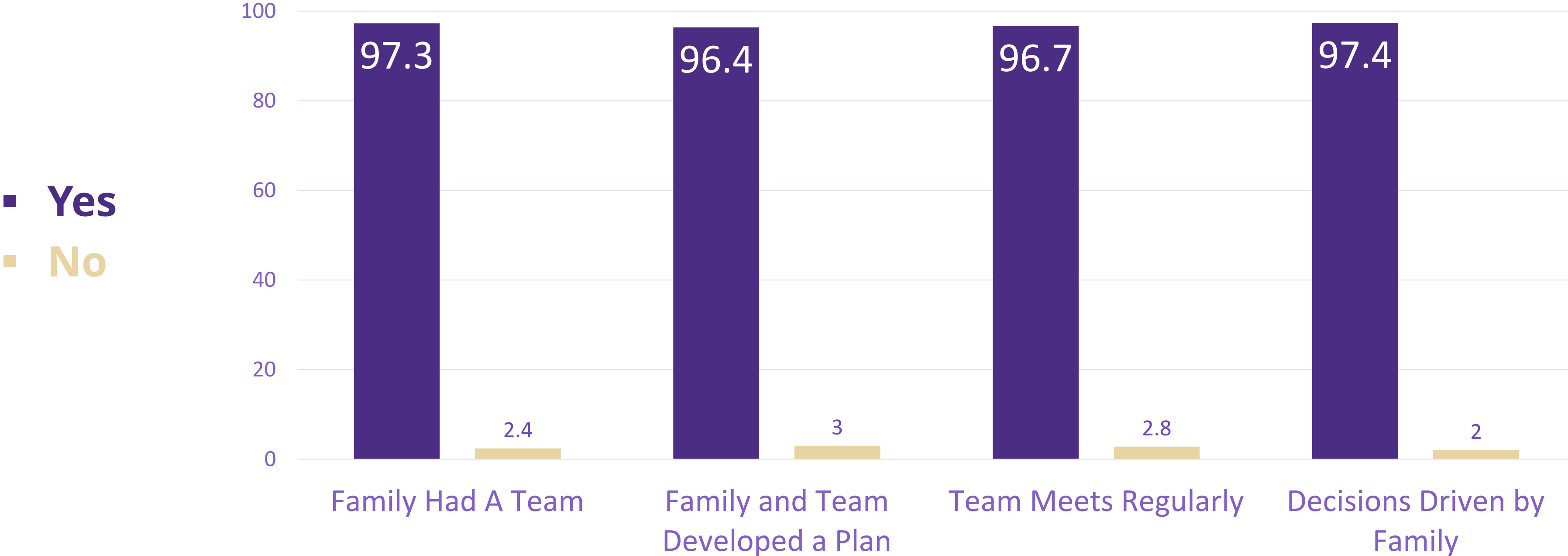


# Youth/Family Either Made No Progress on Needs OR Substantial Progress (N=187)

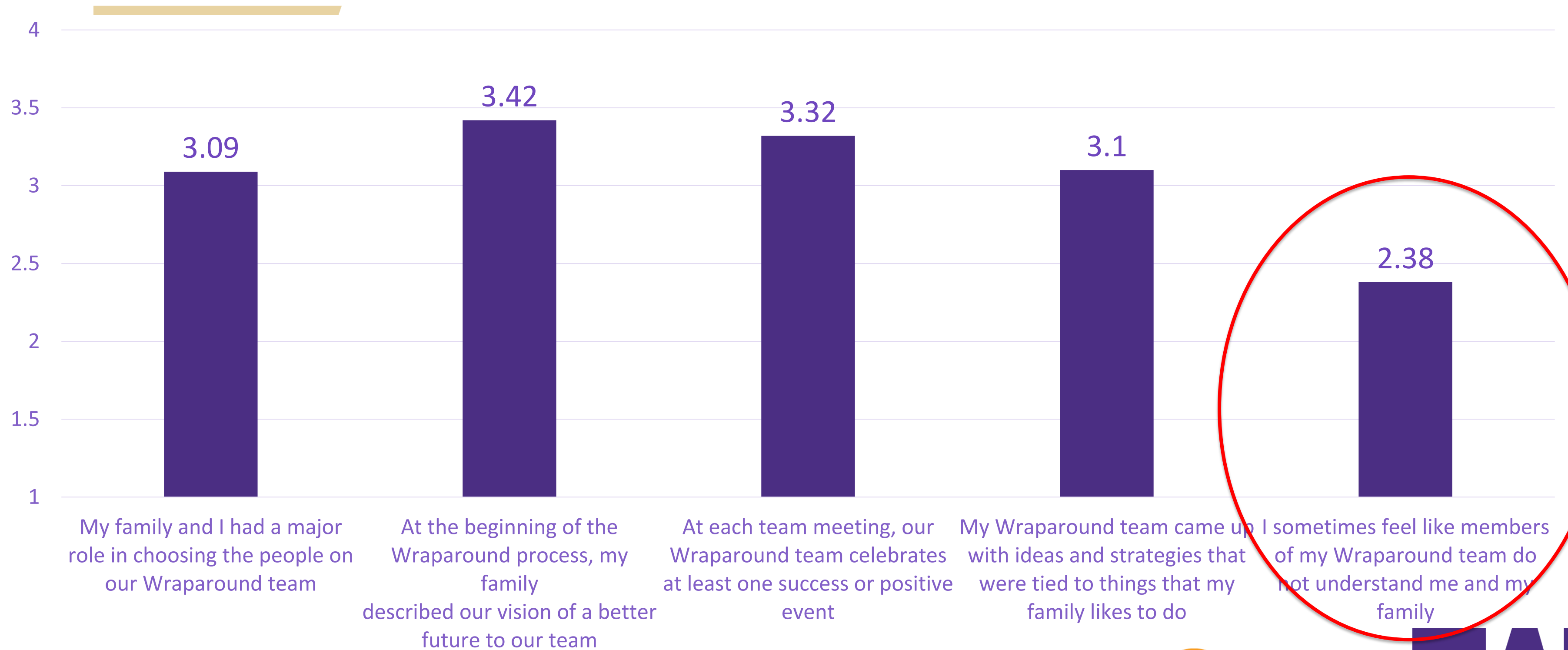
Level of needs met rating missing for 4,356 youth



# CGs Report the Basics of Wraparound Are Achieved



# Strengths and Family Driven? CGs Often Report their Team Members Do Not Understand Them



# Needs Based? Many Caregivers Worry Wraparound Will End Prematurely





# Natural Supports? The Majority of CGs Say there are No Friends or Extended Family on their Team



# Effective Teamwork? CGs Report Team Members May Not Be the Right People



# Outcomes Driven? Some CGs Say Their Team Has Not Discussed How They Will Know It's Time to Transition



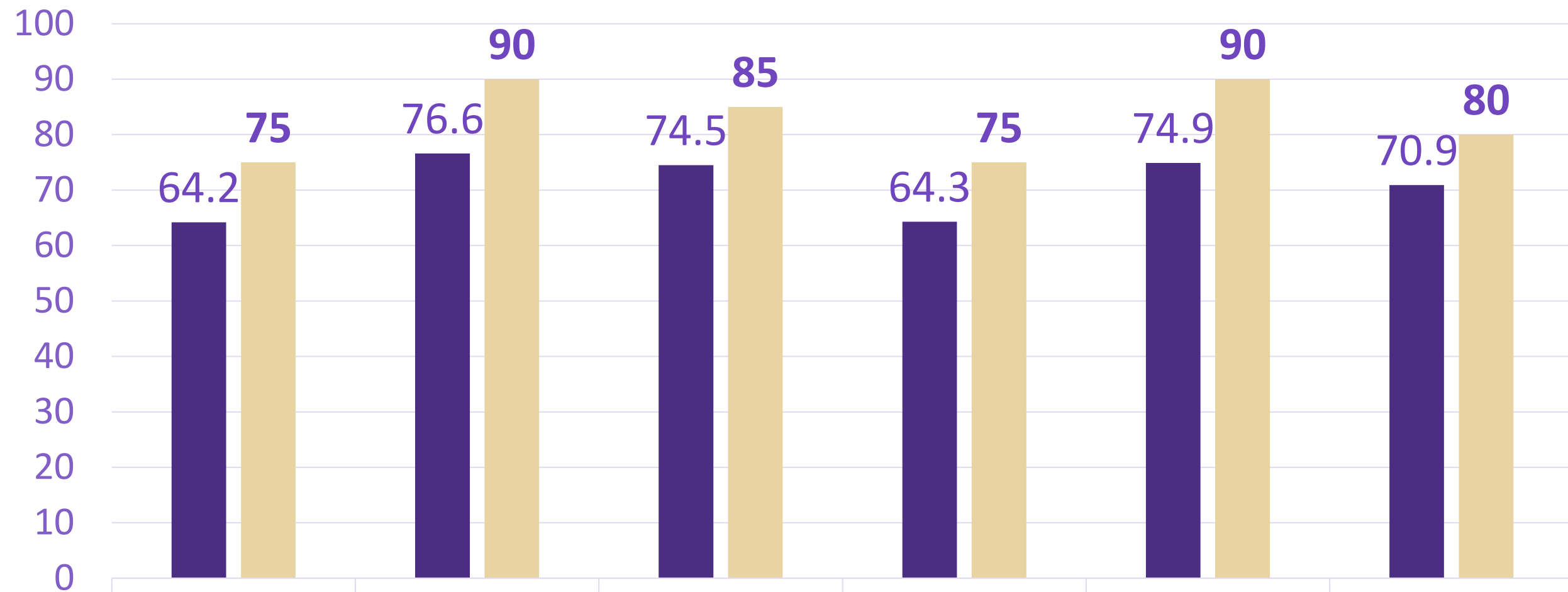
## **Poll No.4**

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**What Comparison Data Do You Use to Make Sense of Your WFI-EZ Data?  
(Select all that apply)**

- > A. We compare our scores to the Benchmarks set by WERT and NWIC**
- > B. We compare our scores to the National Mean Scores**
- > C. We compare our scores over time (e.g., change from last year)**
- > D. We compare scores for different sites (e.g., counties, agencies) in our initiative**
- > E. I have no idea**

# So What Are the Mean WFI-EZ Fidelity Scores?

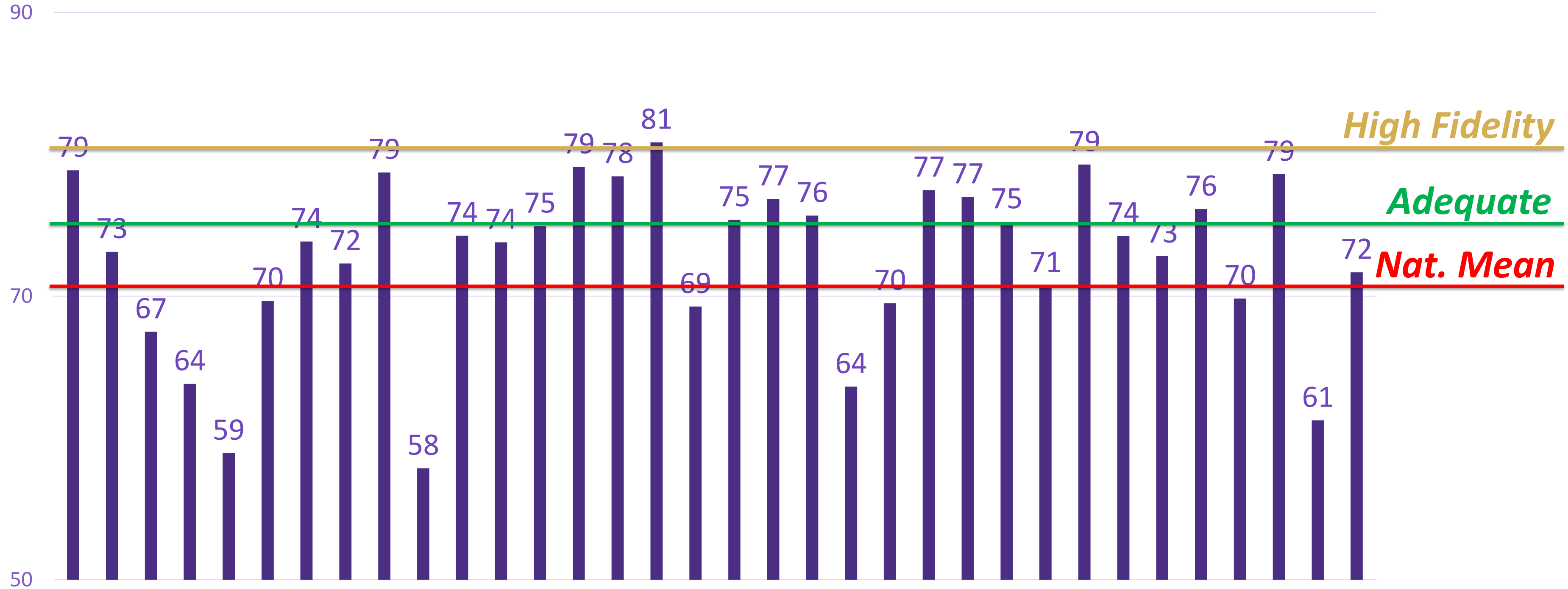


	Effective Teamwork	Strengths/Family Driven	Needs Based	Natural and Community Supports	Outcome-Driven	TOTAL FIDELITY
■ Mean Score	64.2	76.6	74.5	64.3	74.9	70.9
■ BENCHMARK	75	90	85	75	90	80

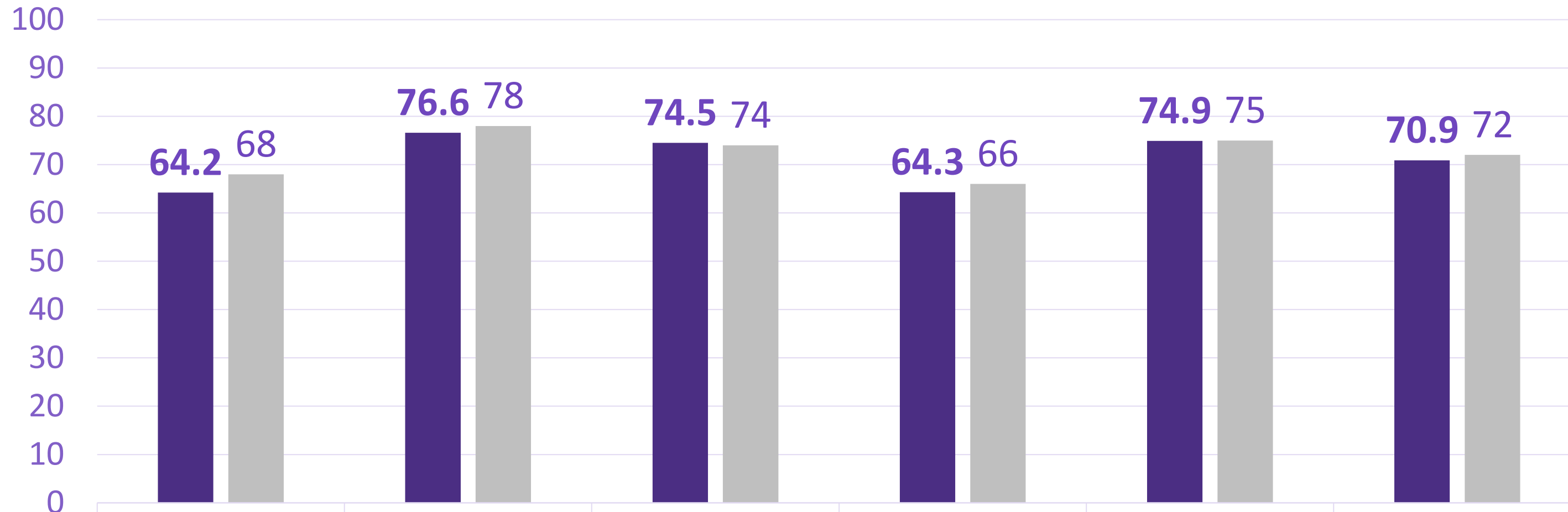
■ Mean Score ■ BENCHMARK



# Variation Across 33 Large Collaborators

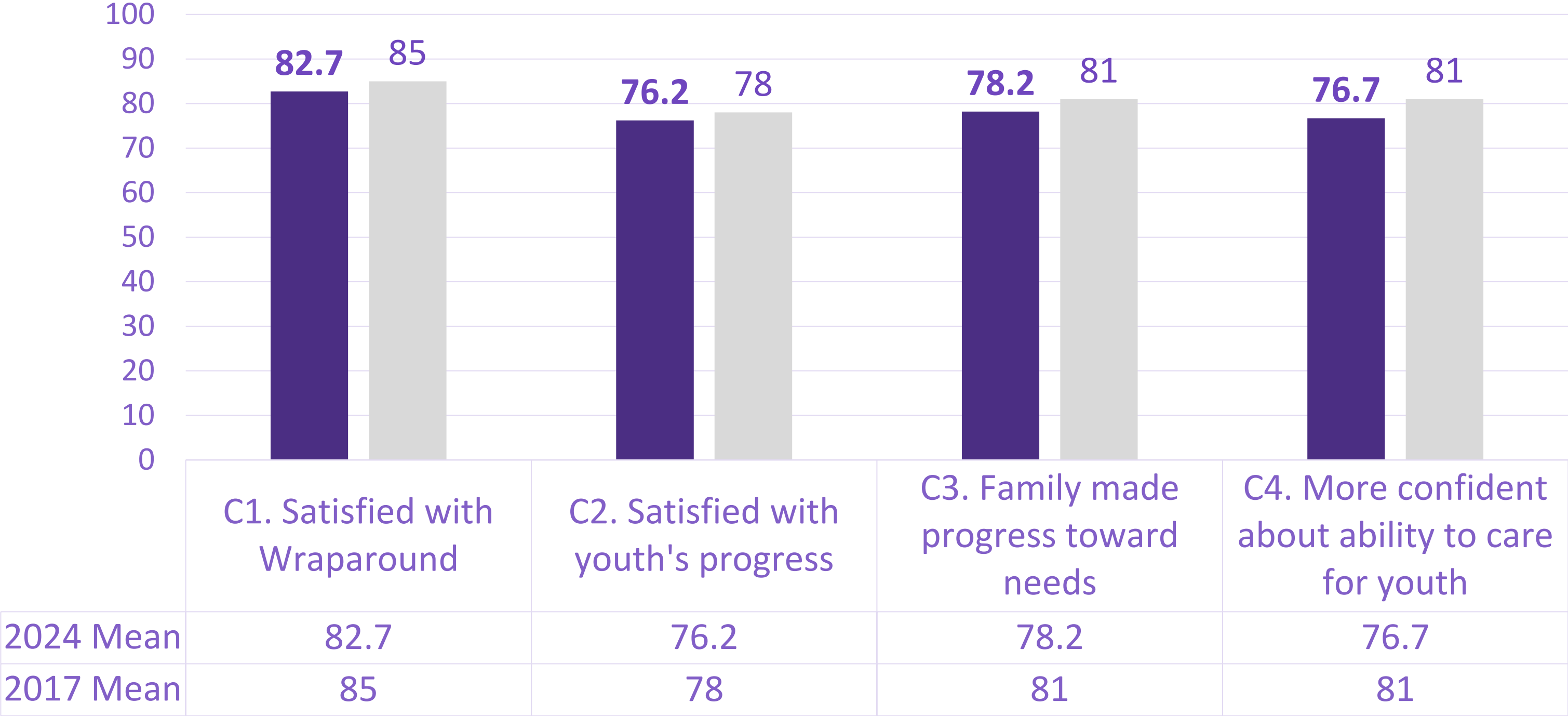


# Wraparound Fidelity Has Decreased Overall and for Three of Five Essential Elements



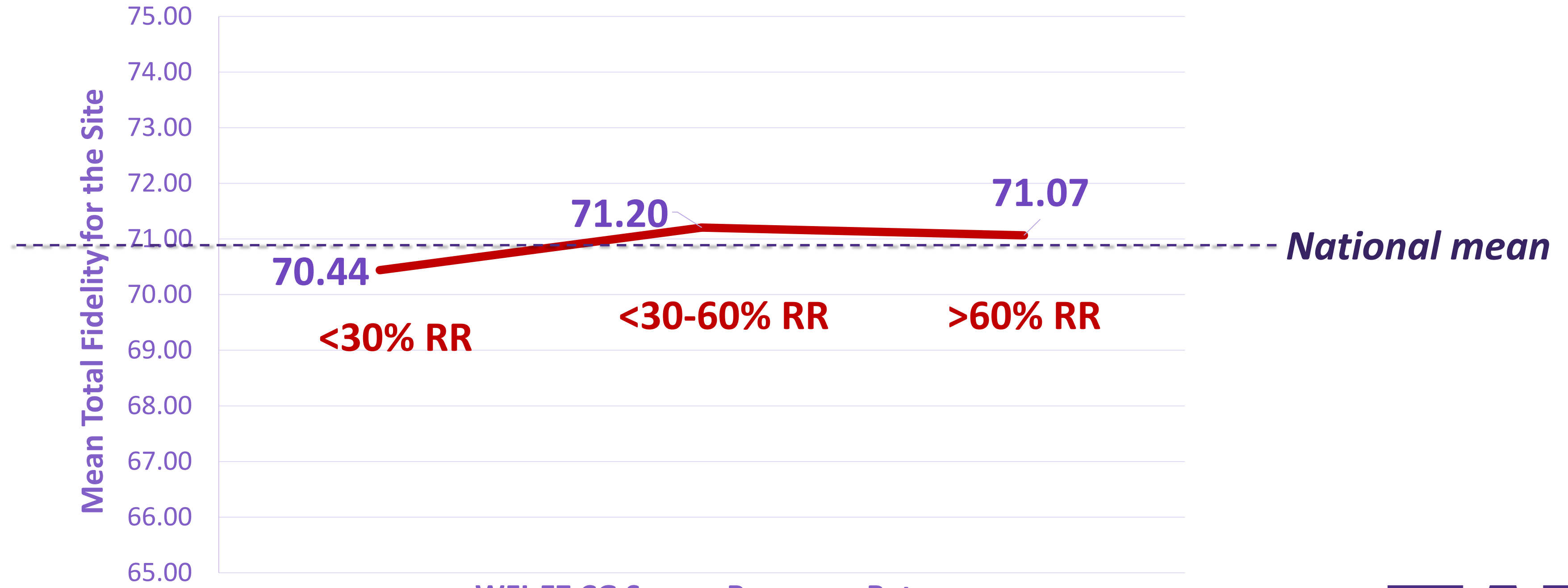
	Effective Teamwork	Strengths/Family Driven	Needs Based	Natural and Community Supports	Outcome-Driven	TOTAL FIDELITY
■ 2024 Mean	64.2	76.6	74.5	64.3	74.9	70.9
■ 2017 Mean	68	78	74	66	75	72

# Mean Satisfaction Has Also Declined

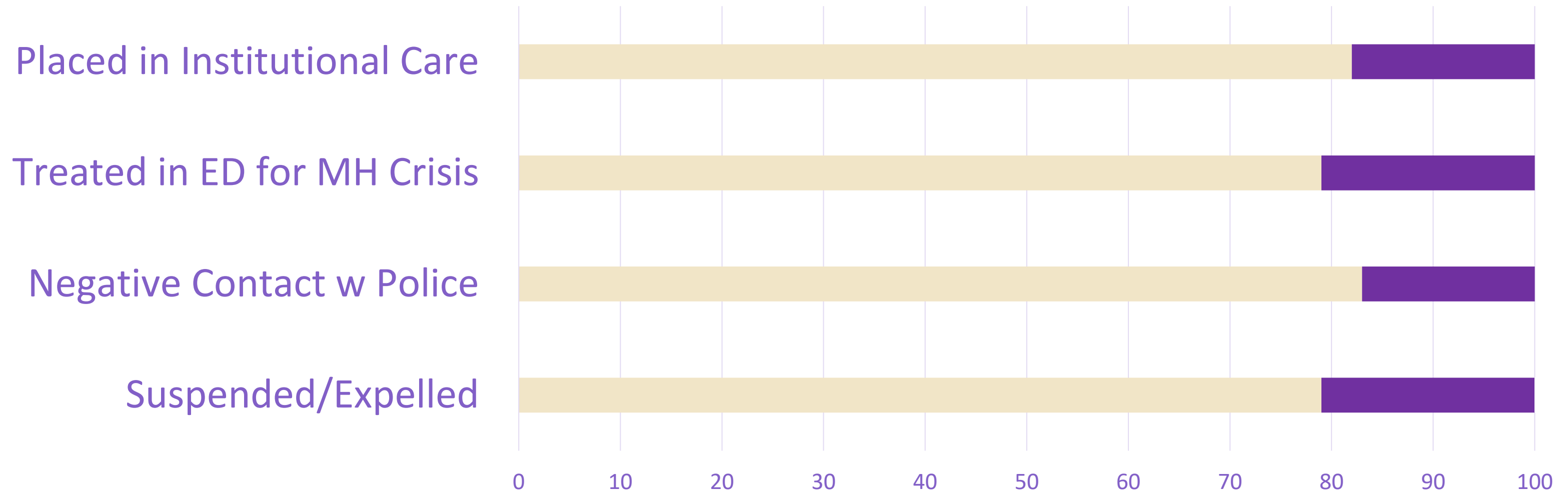




# How Much Do Response Rates Matter? The Picture Is Less Clear than We Hypothesized!



# 17-21% of Youth Have Experienced Negative Community Outcomes in the Past 6 Mos.



	Suspended/Expelled	Negative Contact w Police	Treated in ED for MH Crisis	Placed in Institutional Care
■ No	79	83	79	82
■ Yes	21	17	21	18
#REF!	1			

# Summary of Findings from DART

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- > **DART shows validity and sensitivity**
  - Inter-rater reliability still being assessed
- > **DART fidelity is associated with outcomes**
  - Timely engagement and being family driven show strongest association
- > **DART benchmarks can now be developed**
- > **Item-level data show strengths**
  - Needs statements, individualized plans of care, progress monitoring
- > **DART data also show areas for improvement**
  - Timely engagement through initial phases of engagement and planning
  - Basing strategies on needs and strengths
  - Engaging both natural supports and professionals on teams

# Findings from the WFI-EZ

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- > **Our national mean scores fall well short of fidelity levels that achieve positive outcomes**
  - However, it is possible! Some sites achieve adequate and even high fidelity
- > **Caregiver reports of fidelity and satisfaction may be declining**
- > **Consistent data in WrapStat will help us learn from the data**
  - Demographics, Exit reason, Community outcomes

# Some next steps

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- > **Continue to validate and improve the DART**
  - Evaluating inter-rater reliability and how to improve it
- > **Develop benchmarks for the DART**
- > **Analyze associations between response rates and fidelity**
  - How much does it matter?
- > **Update national means to aid interpretation**
  - However, important to recognize that the BENCHMARKS are what matter
- > **Complete and pilot SMART-Wrap**
  - Short Message Assisted Responsive Treatment for Wraparound

**If you have further comments,  
recommendations, or ideas:  
[wrapeval@uw.edu](mailto:wrapeval@uw.edu)**

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