

WrapStat Turns One: An Overview and Update on the New Online Wraparound Evaluation System

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National Wraparound Initiative (NWI) Webinar





What we'll cover in this presentation

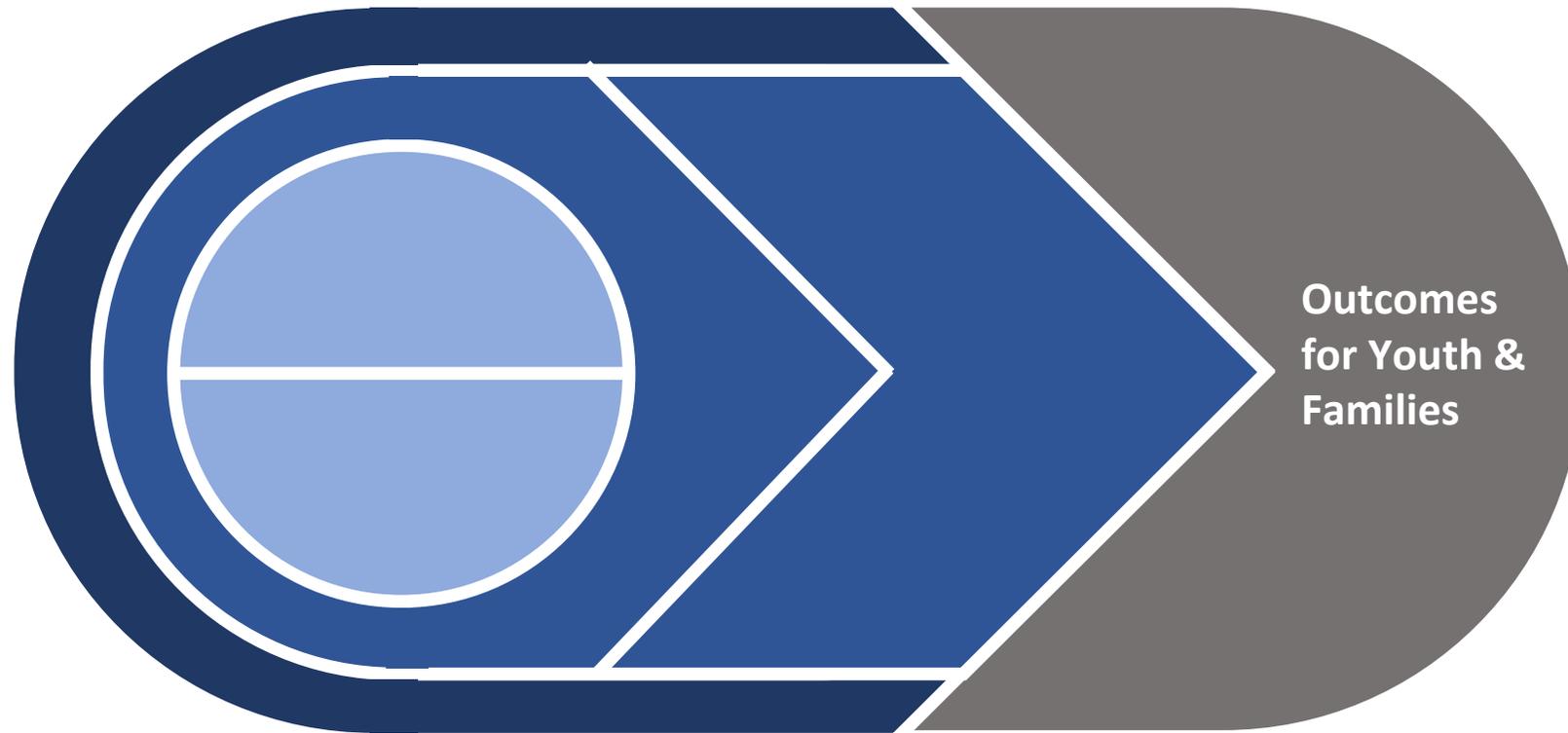
- The Wraparound evaluation framework
- News you can use: Recent research on Wraparound and Wrap fidelity
- Wraparound Fidelity Assessment System (WFAS) tools
- The status of WrapStat
- Where is WrapStat going in 2022?



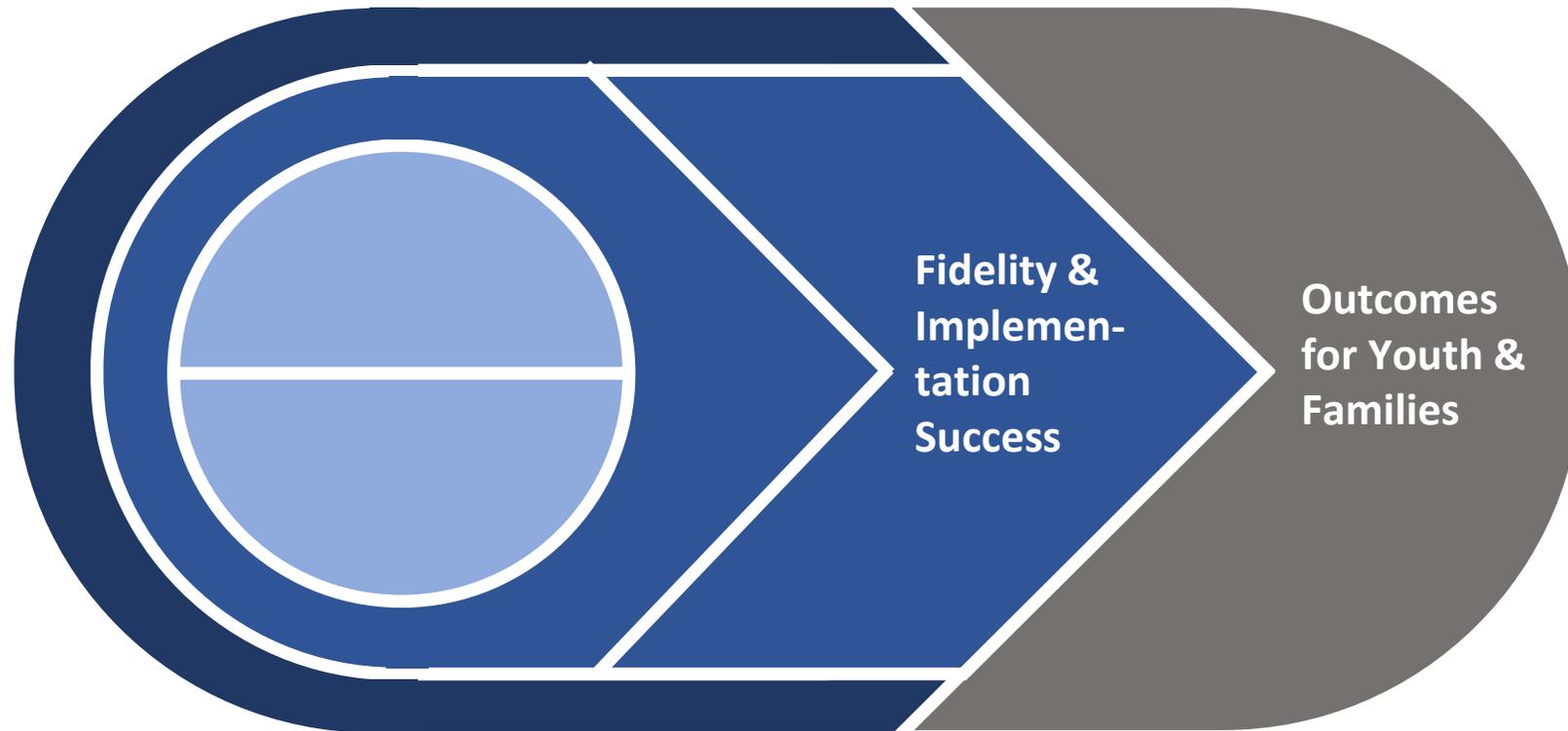
Poll no. 1: What is your role in Wraparound?



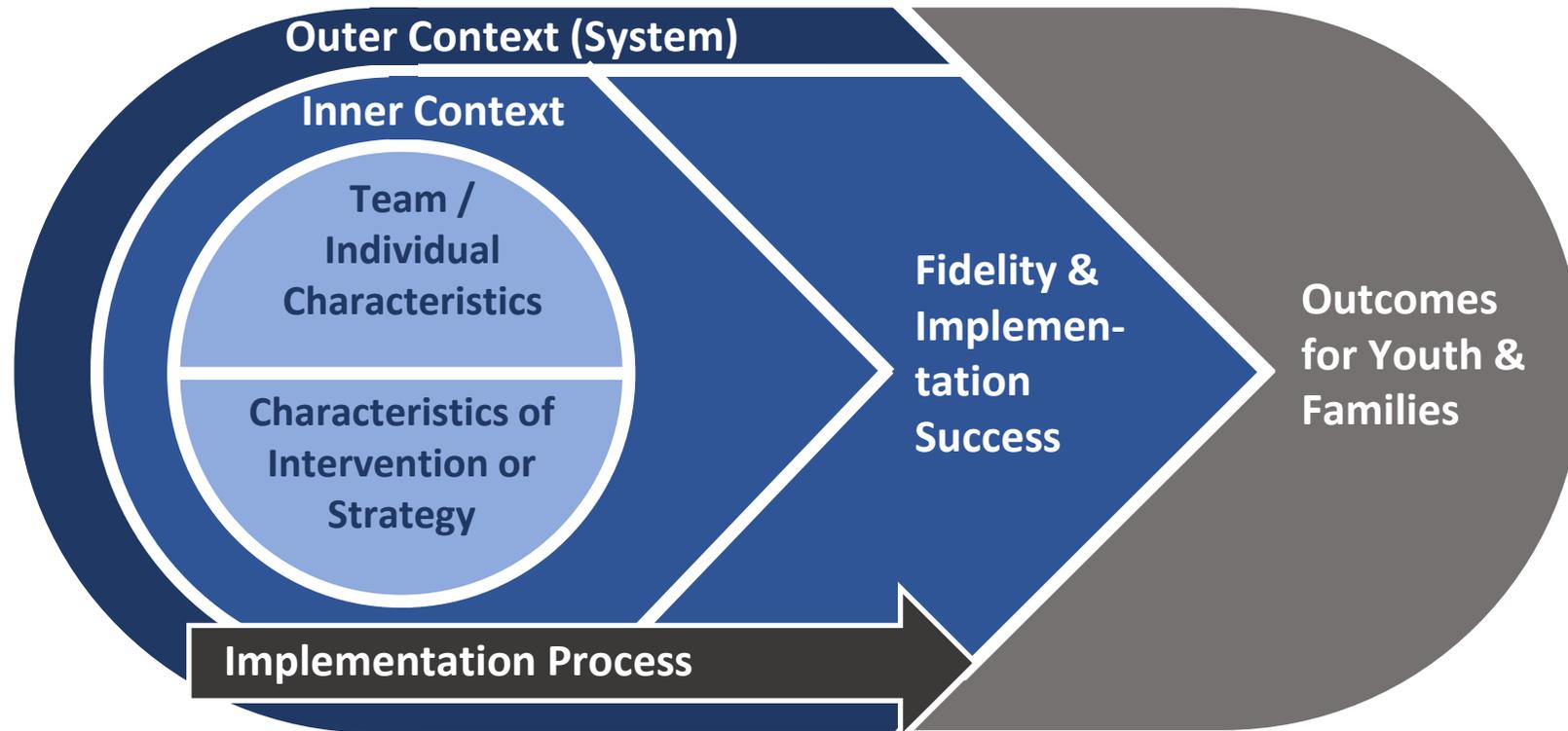
The Consolidated Framework for Implementation Research (CFIR)* provides a framework for NWIC accountability



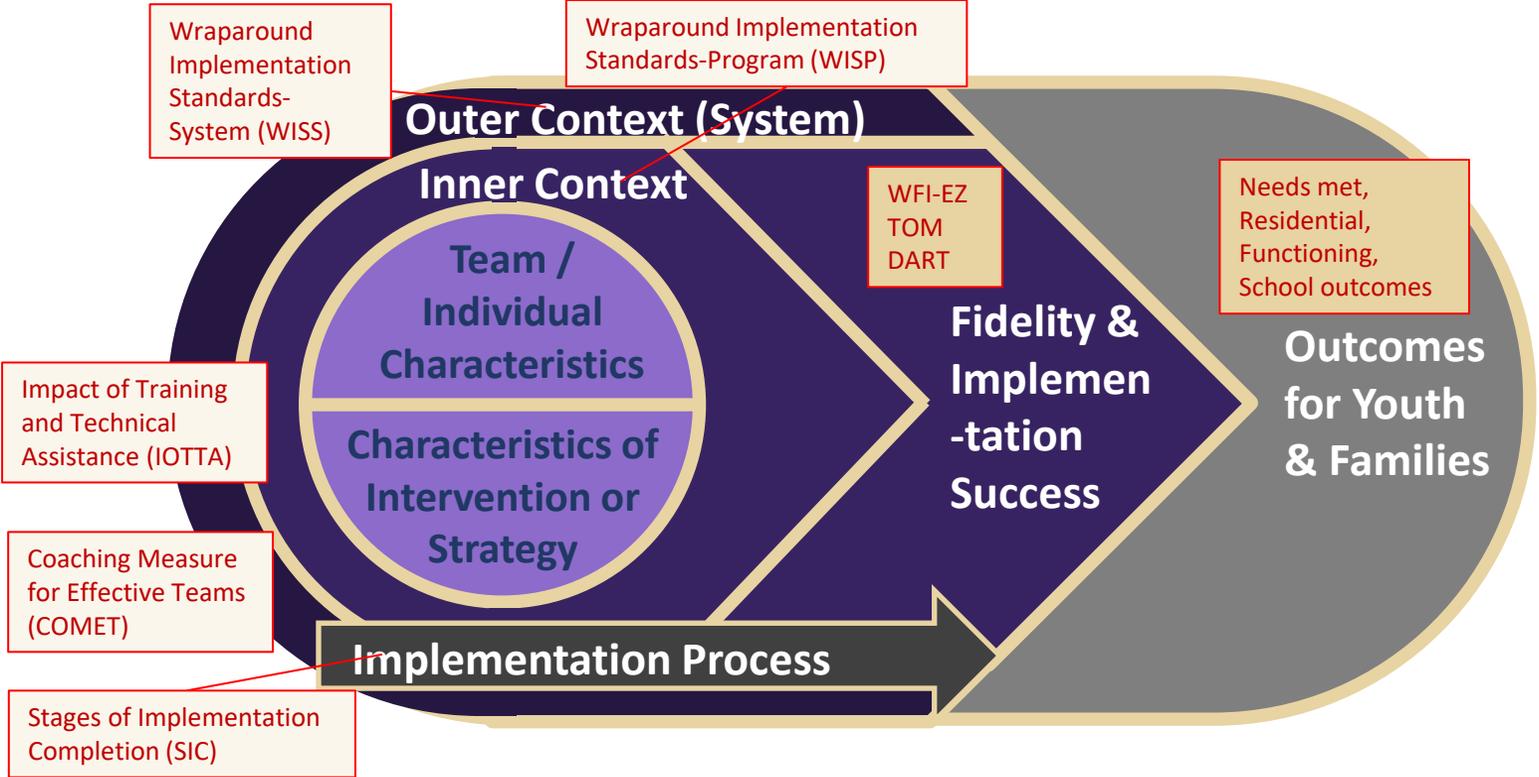
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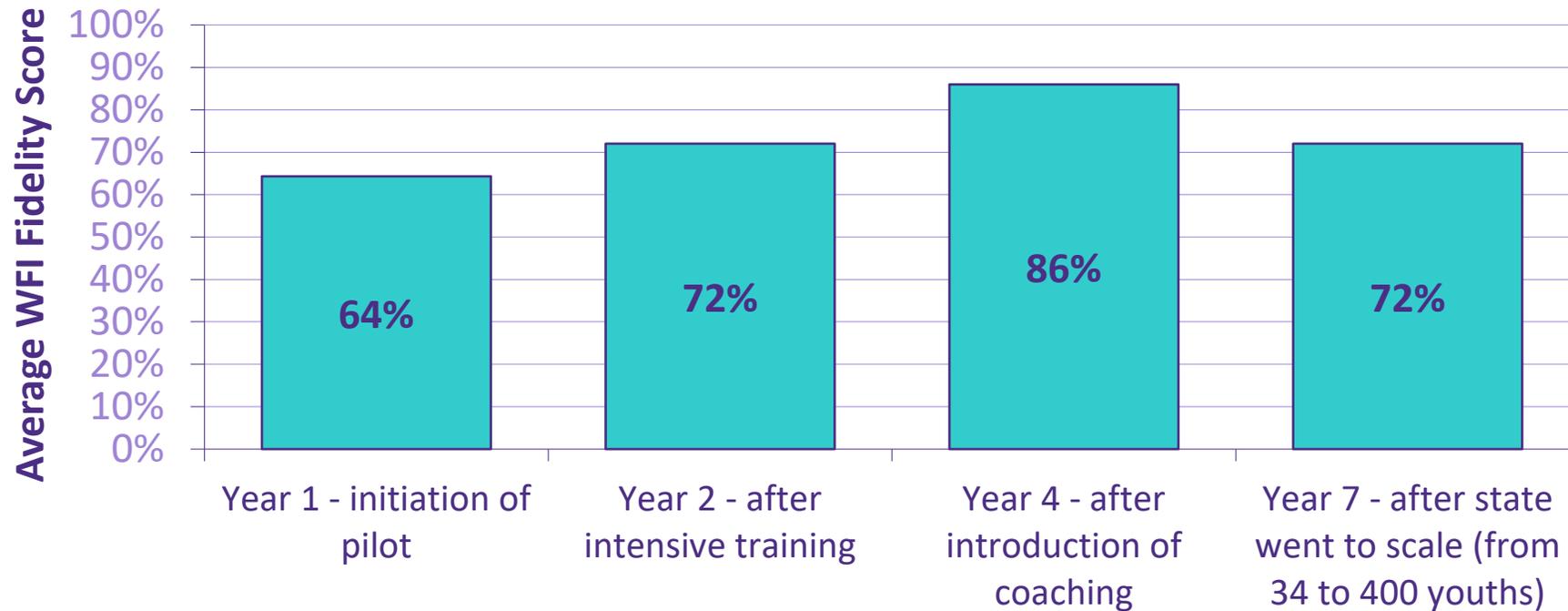
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A Wraparound Measurement Strategy – organized by the CFIR

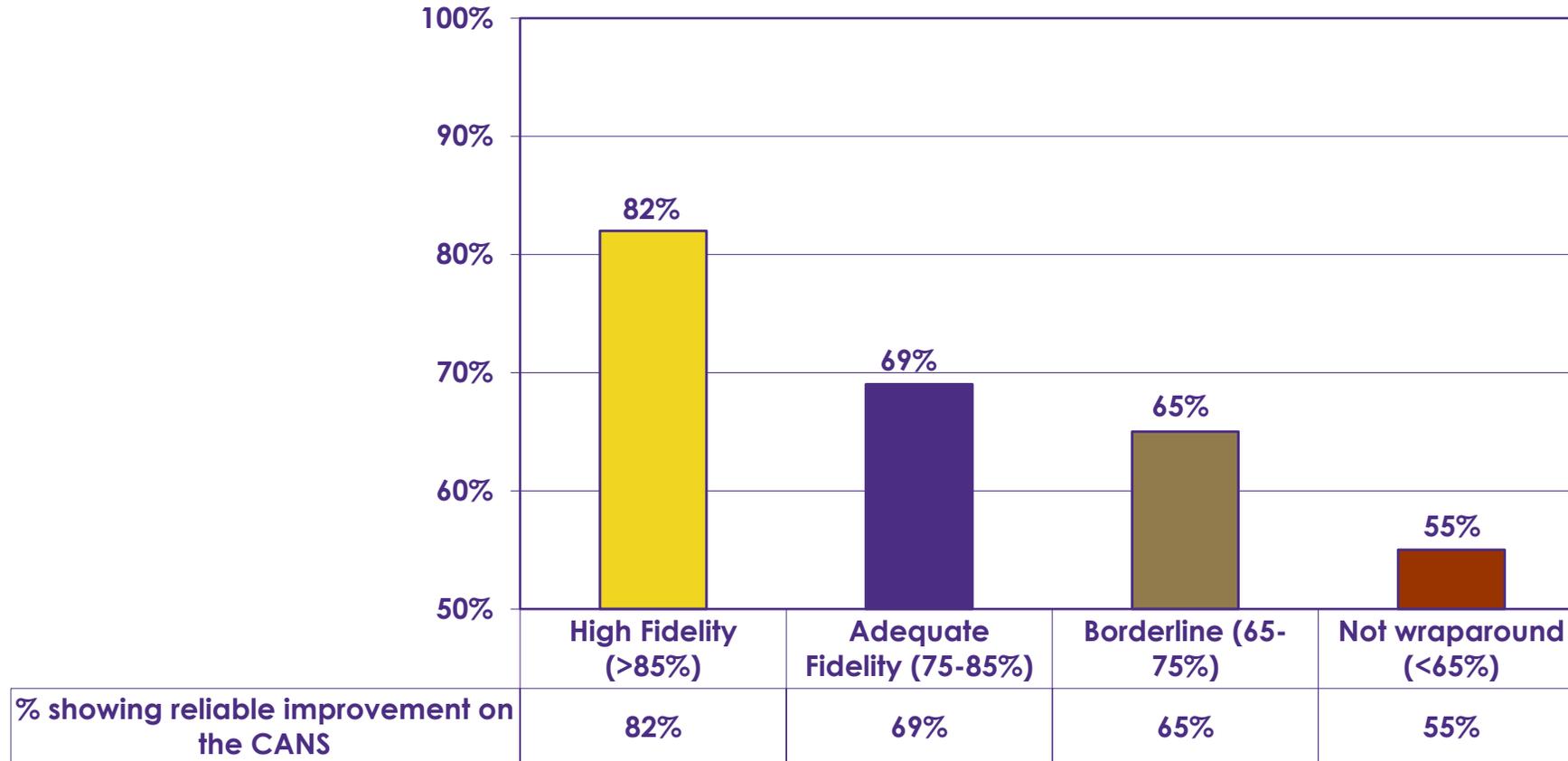


The power of data: Tracking quality and fidelity over time



The power of data:

How does fidelity relate to outcomes?



Effland, McIntyre, & Walton, 2010



Recent research and evaluation shows how important it is to collect fidelity data with quality

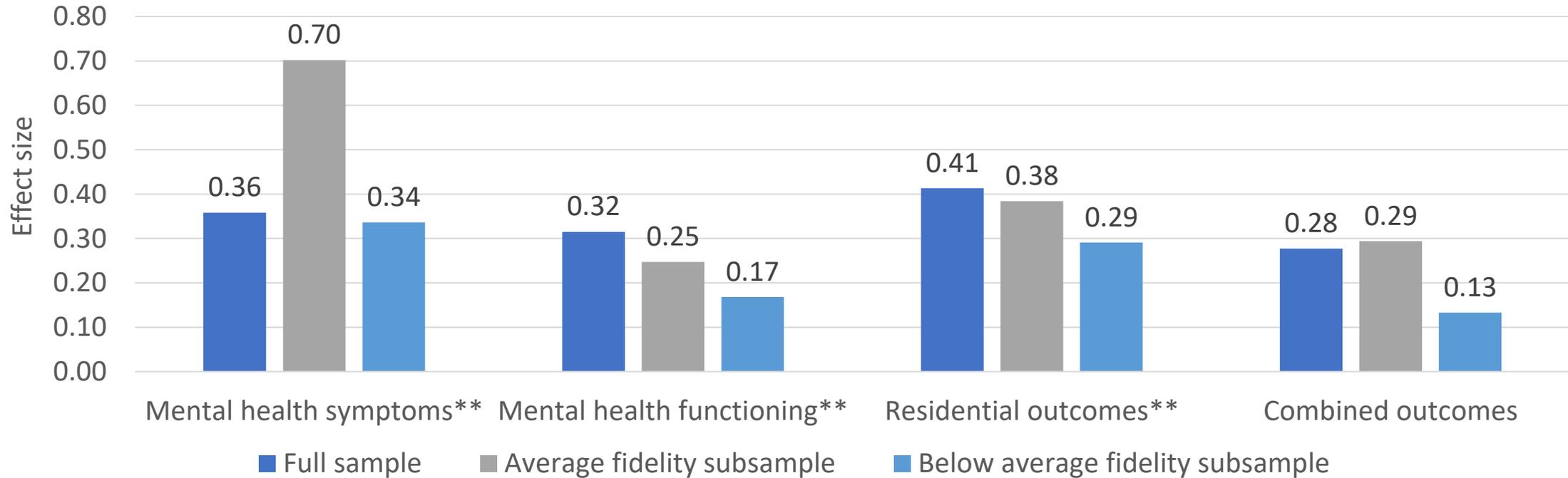
- > **Meta analysis of Wraparound outcomes**
- > **Benchmarking what makes for “high fidelity”**
- > **Researching trends in Wrap fidelity nationally in response to COVID**
- > **What matters at the program and system level**



Why collect fidelity data?

Our recent meta-analysis underscores the importance of fidelity:

Average effect sizes (Hedges' g) across select outcomes



* Average fidelity subsample demonstrated adequate adherence to Wraparound practice elements across most Wraparound Fidelity Index subscales.

** Note: Only a single study assessed each individual outcome in either the average or below average fidelity subsamples

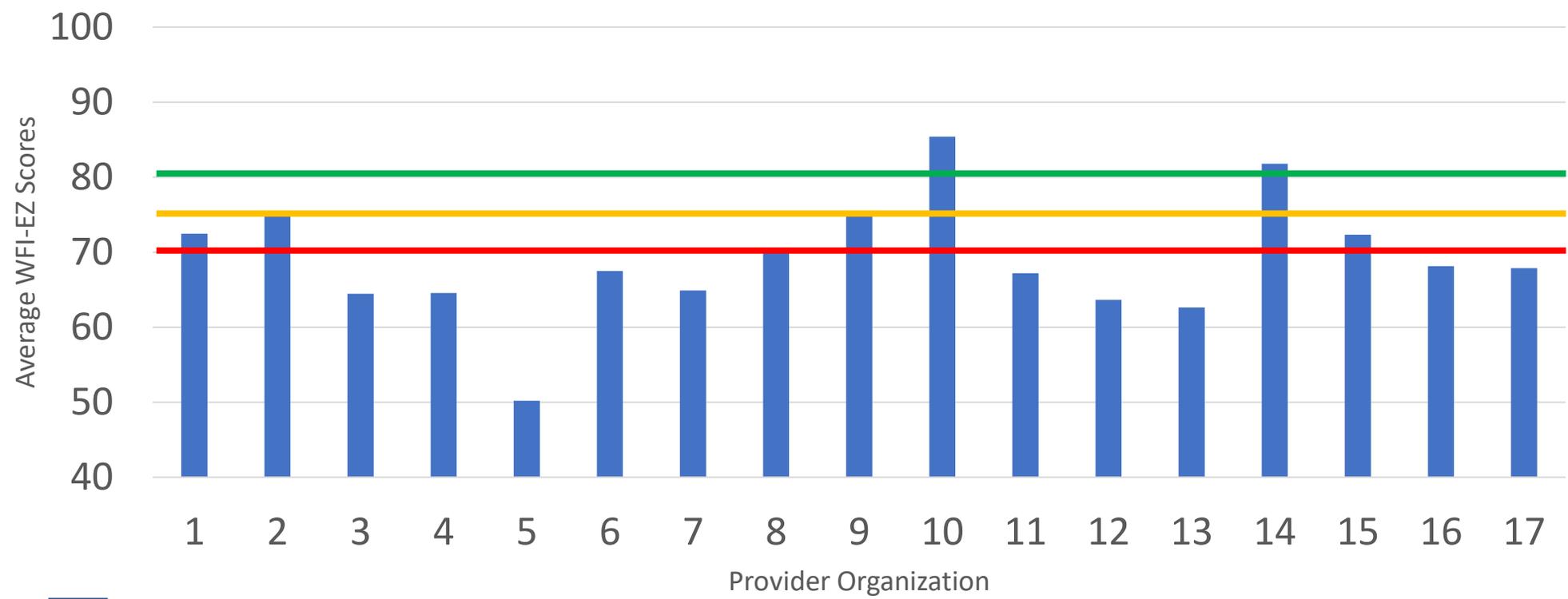
Recently updated benchmarks help us interpret WFI-EZ scores

Table 1. Fidelity Benchmarks for Caregiver and Youth Forms

CATEGORY	TOTAL WFI-EZ	OUTCOMES BASED	EFFECTIVE TEAMWORK	NATURAL SUPPORTS	NEEDS BASED	STRENGTH & FAMILY DRIVEN
HIGH FIDELITY	80+	90+	75+	75+	85+	90+
ADEQUATE	75-79	80-89	70-74	65-74	75-84	80-89
BORDERLINE	70-74	75-79	65-69	60-64	70-74	70-79
INADEQUATE	< 70	< 75	< 65	< 60	< 70	< 70

Recent WFI-EZ data suggest that many provider organizations are at or slightly below “borderline fidelity”

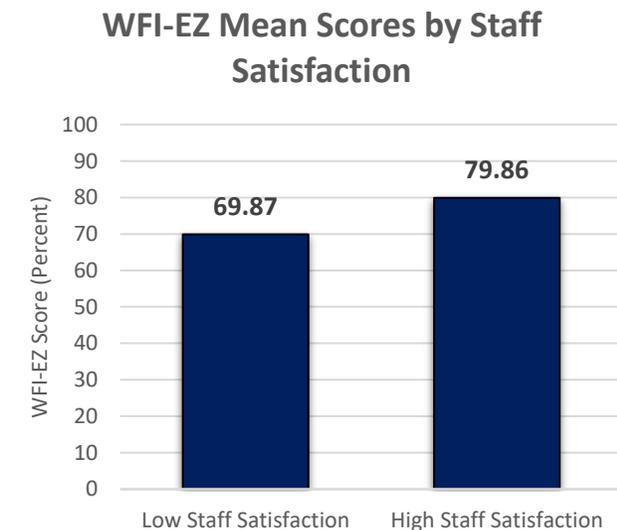
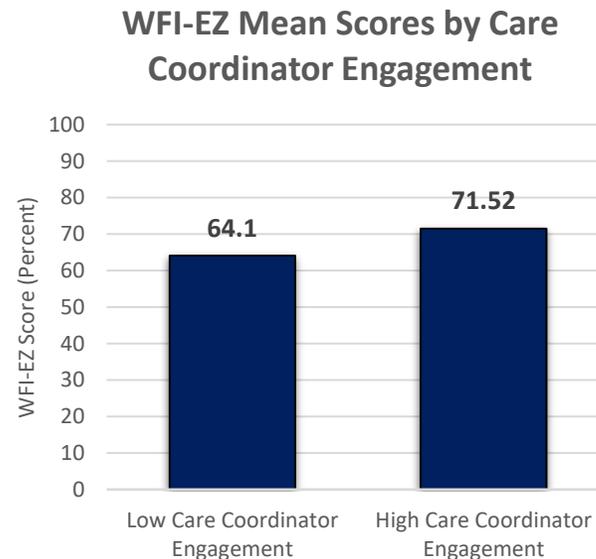
WFI-EZ scores by provider organization within a single state



- High fidelity above the green line
- Adequate fidelity above the orange line
- Borderline fidelity above the red line



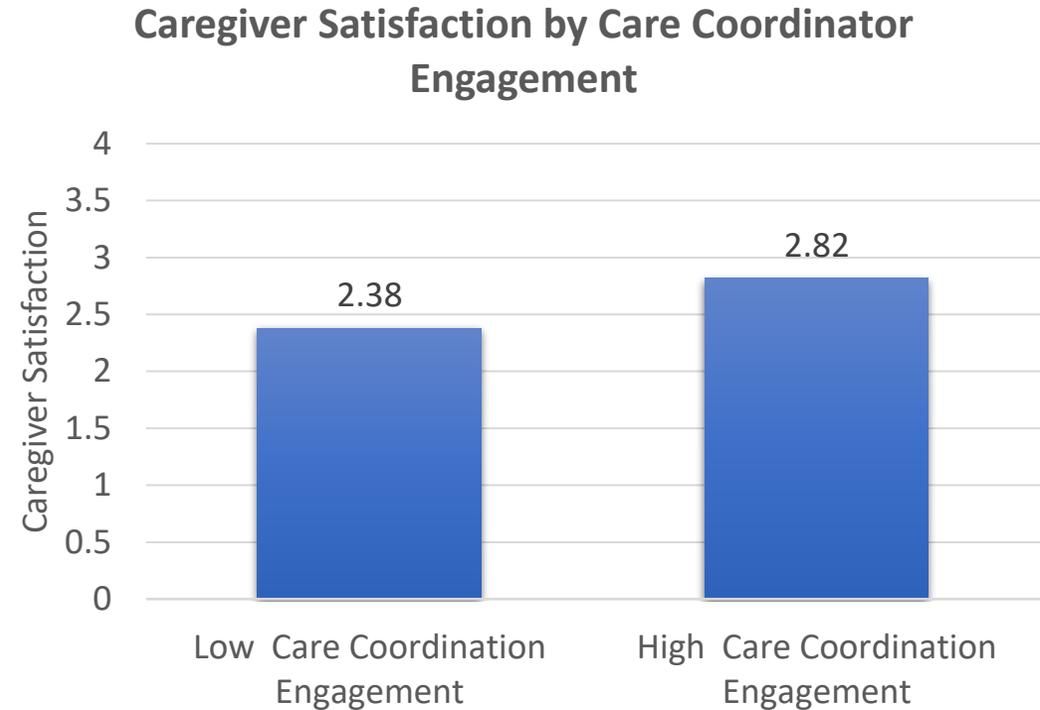
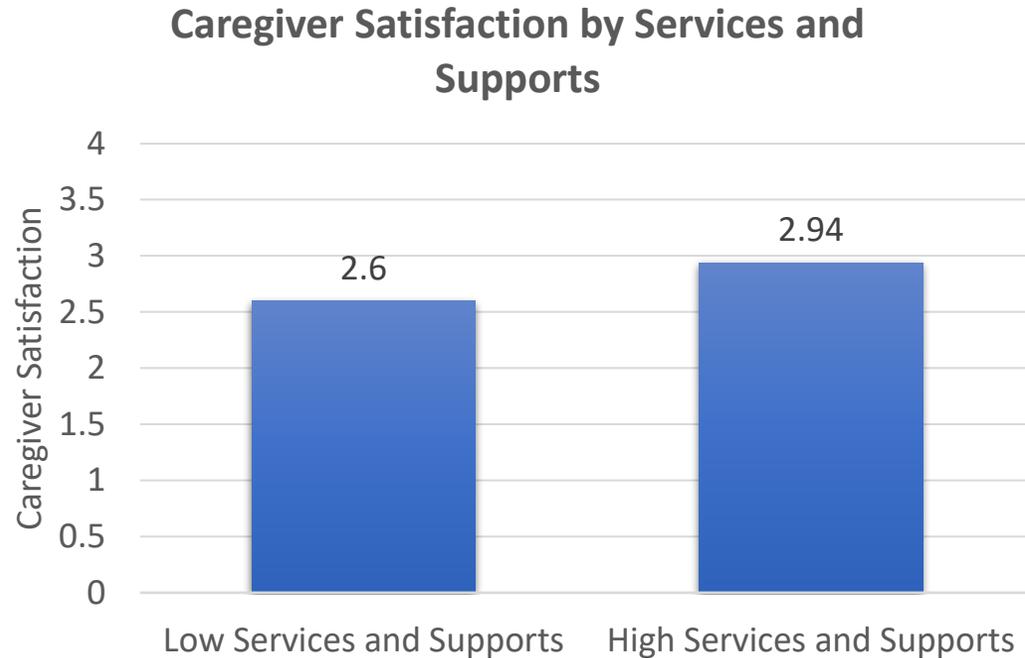
Organization-level conditions are related to Wraparound fidelity:



Organization-level conditions assessed by the Wraparound Implementation Standards – Program (WISP):

- Leadership = Executive leaders engaged in implementation process
- Care coordinator engagement = Regular meetings with families
- Staff satisfaction = Care coordinators satisfied

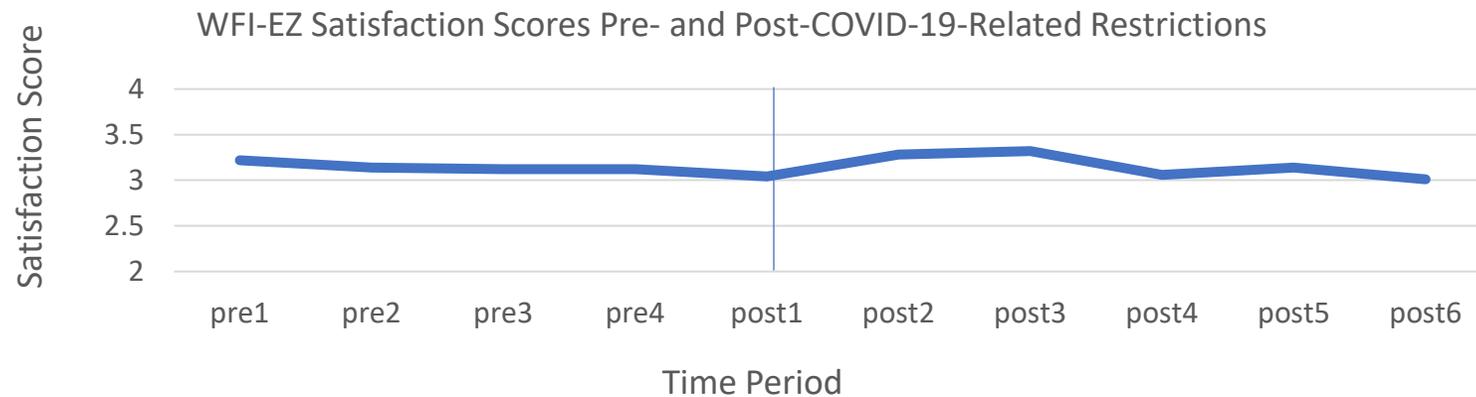
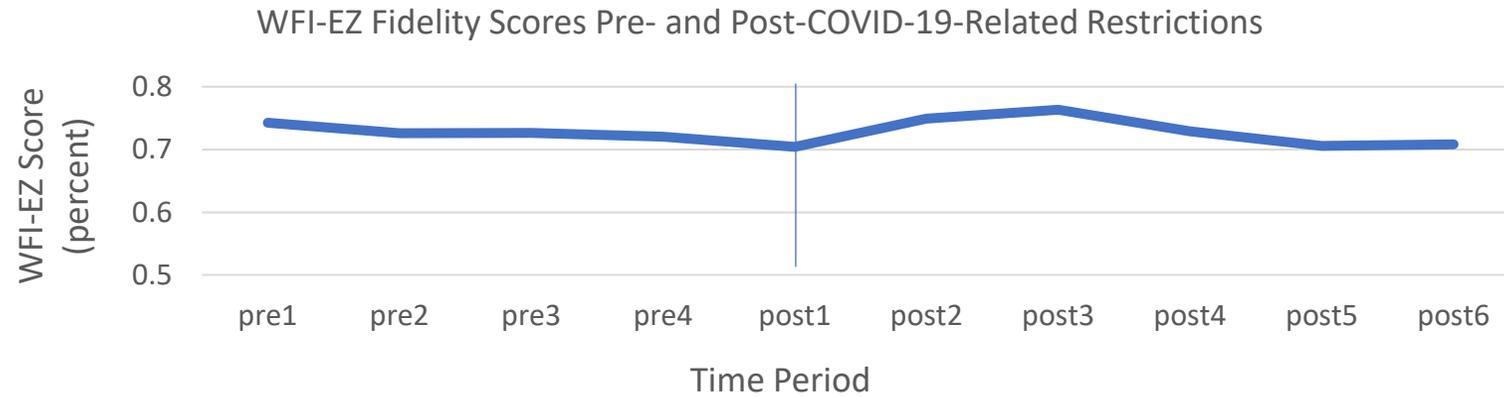
Organization-level conditions are also related to caregiver satisfaction:



Organization-level conditions assessed by the Wraparound Implementation Standards – Program (WISP):

- Services and supports = Youth and families have access to full array of services and supports
- Care coordinator engagement = Regular meetings with families

Fidelity data can help us identify trends nationally and locally, such as pre and post COVID



Sample sizes:

Pre 1: N = 348

Pre 2: N = 252

Pre 3: N = 209

Pre 4: N = 297

Post 1: N = 327

Post 2: N = 119

Post 3: N = 98

Post 4: N = 163

Post 5: N = 159

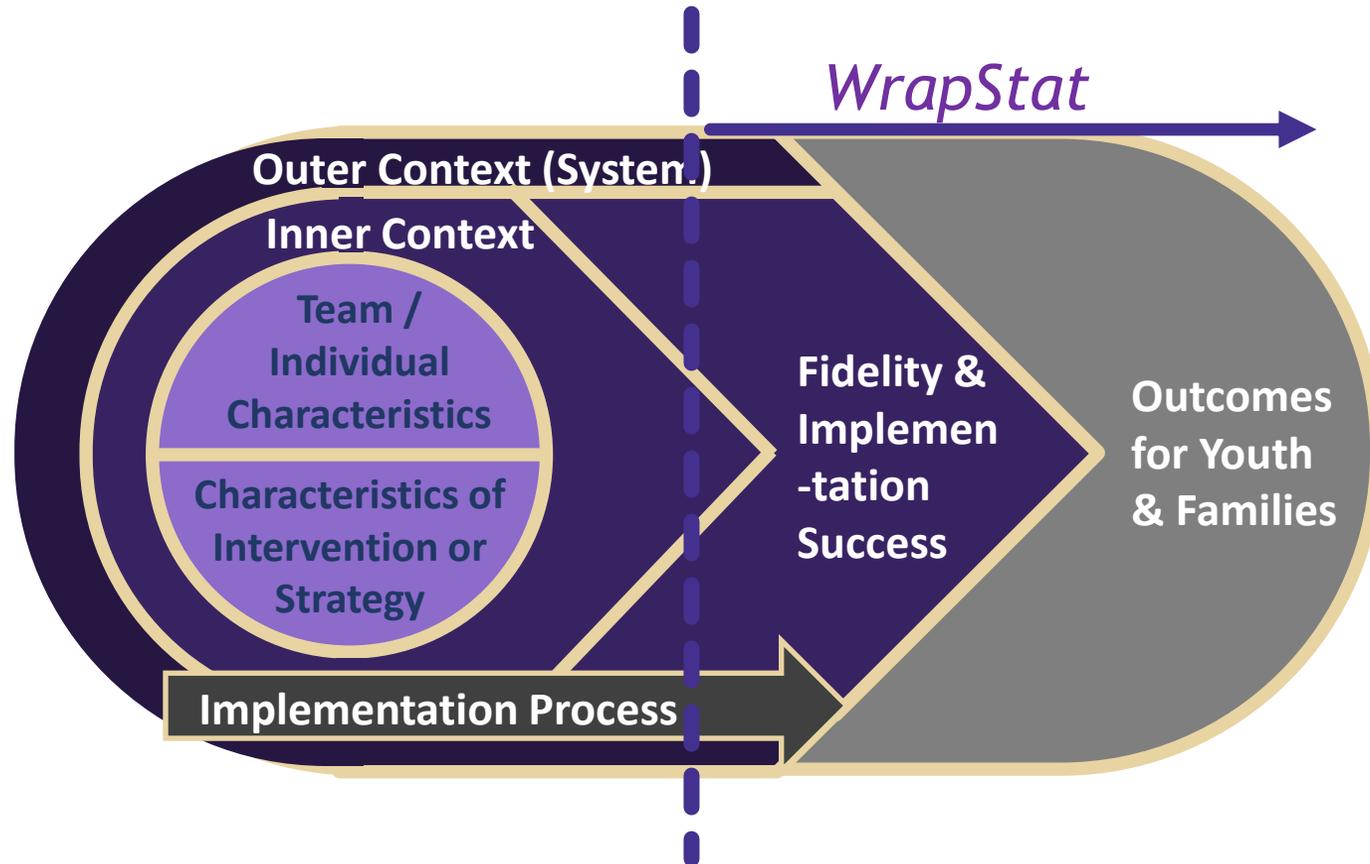
Post 6: N = 63

WERT's Vision

- > **ALL Wraparound initiatives will have high-quality data they can trust and use.**
- > **The Wraparound community will be a trusted source for research on systems of care implementation and outcomes**



Wraparound Evaluation Framework: Where does WrapStat fit in?



Key data elements supported by WrapStat: Wraparound Process Outcomes

- Number of youth served
- Full and timely engagement
- Size and composition of the Wraparound team
- Length of service
- Caseload sizes
- Staff turnover

Key data elements supported by WrapStat: Youth/Family Outcomes

- Reasons for discharge
- Rate of successful discharge
- Progress toward needs
- Residential placement
- Justice/child welfare involvement
- School success

Key data elements supported by WrapStat: Wraparound Fidelity and Satisfaction

- Wraparound Fidelity Index – Short Form (WFI-EZ)
- Team Observation Measure (TOM 2.0)
- Document Assessment and Review Tool (DART)



Poll no.2:

How familiar are you with the Wraparound Fidelity Assessment System (WFAS) tools?



Wraparound Fidelity Index (EZ)



Self-administered survey

- Caregiver, facilitator, youth, and team member forms

Can be completed on paper or online

3 sections

- Experience in Wraparound (25 items)
- Outcomes (8 items)
- Satisfaction (4 items)



Team Observation Measure (v.2)

Administered by external evaluators or local supervisors or administrators.

Based on an in-vivo or video observation of a Child and Family Team Meeting.

Version consists of 7 subscales.

- Same key elements measured as WFI-EZ

Quantitative results of fidelity are reported to programs and can be used for training, coaching, or direct supervision.

Documentation Assessment & Review Tool



Uses case record material to assess components of Wraparound

- Referral details
- Team meeting and other notes
- Plan of care
- Assessments
- Crisis, safety, and transition plans

Formal training curriculum now available



***Poll no.3:
If you have used a WFAS
tool before, which one?***



Putting it all together....



Why Did We Invest in WrapStat?

To Get A Full Picture of Quality, Fidelity and Outcomes

Promoting rigorous data collection

- Random Sampling - as an alternative to everyone or convenience samples
- High response rates - that allow us to make conclusions from the data with confidence
 - Sending out surveys via email and/or text
 - Tracking data collection success

Why Did We Invest in WrapStat?

To Get A Full Picture of Quality, Fidelity and Outcomes

Evaluating Basic Outcomes for Every Youth

- Length of enrollment
- Reason for discharge
- Residential, school, and community outcomes
- Level of needs met

Helping NWIC, states, and programs manage with data

- Improved user interface
- More reporting options
- Readily available dashboards

***Poll no.4:
Do you use WrapStat
currently?***



Big picture goals of WrapStat

Storing information for all youth

- Not just youth who were administered a tool
- Allows for reporting on outcomes and demographics for entire population served

All data needs in one place

- Collection
- Tracking
- Reports

Information on program

- Helps us know what is working (i.e. ideal caseload, staff turnover rates)

System Hierarchy

- There are 4 levels in WrapStat
 - WFAS data is stored at the Site Level

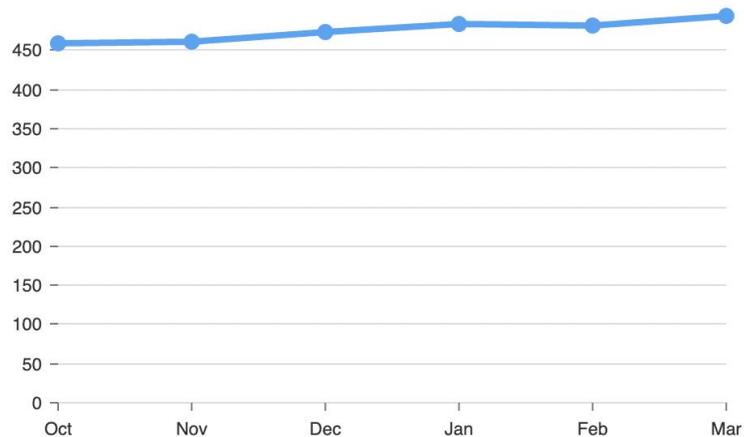


- Stratifies youth and data
- Allows for specificity in reporting

WrapStat Dashboard

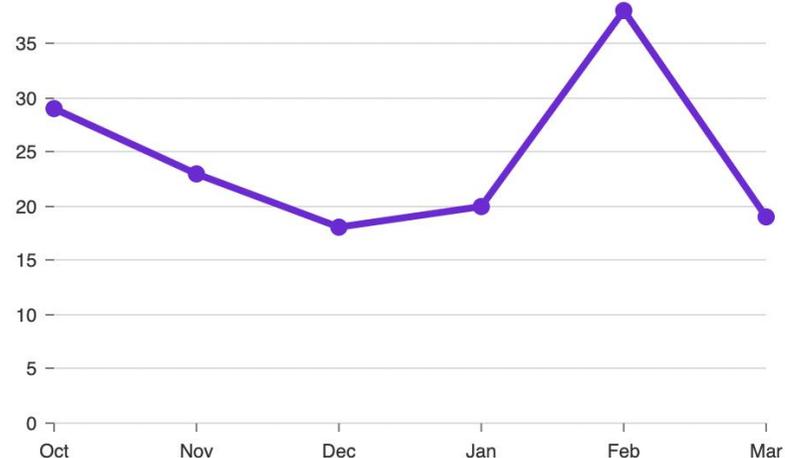
Total Wraparound Enrollment by Month i

495 actively enrolled youth



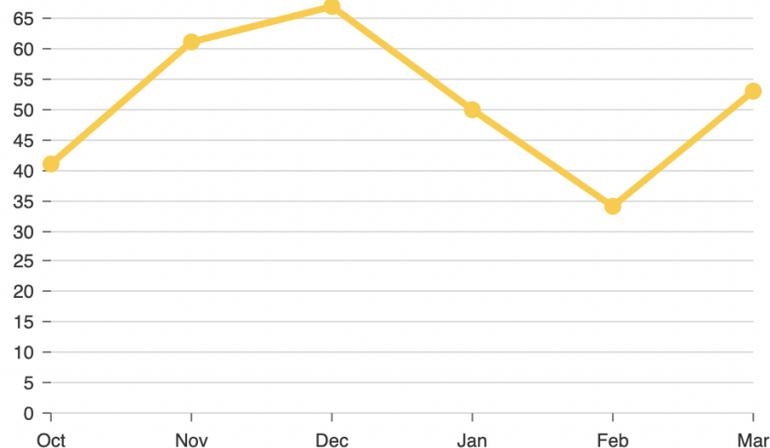
Number of Youth Discharged by Month i

147 youth discharged in last 6 months



Percent of Youth Successfully Discharged i

51.71% discharges were successful in last 6 months

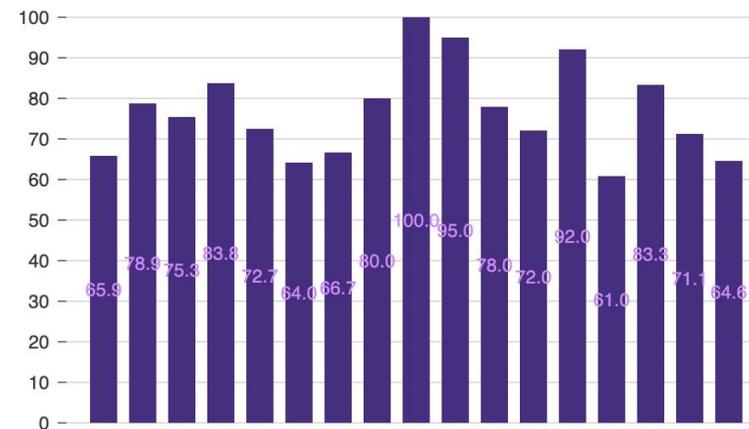


Mean Fidelity i

76.7% overall fidelity within the last 6 months

WFI-EZ TOM 2.0

Youth



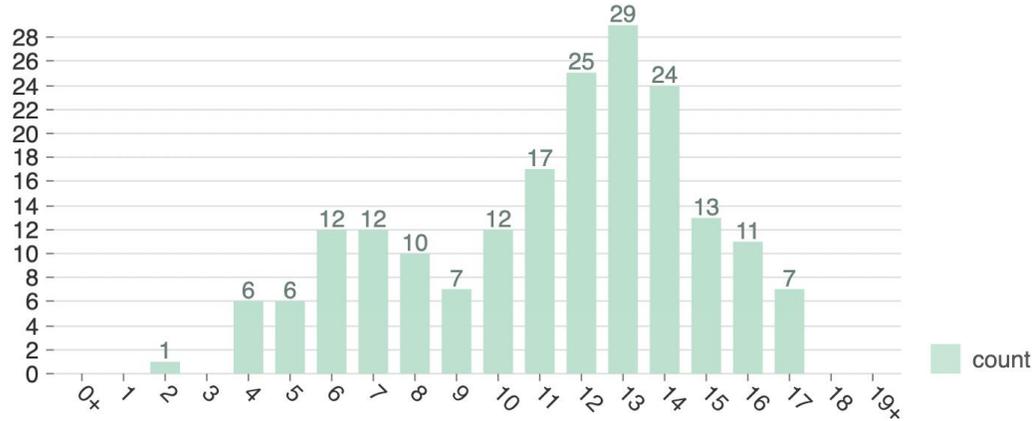
What's New – Reports



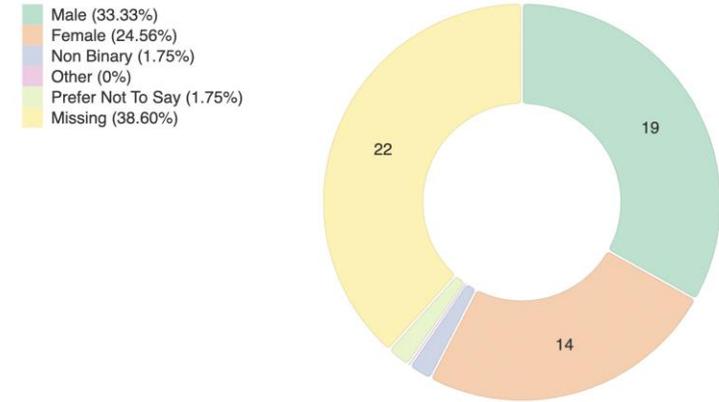
- Generate general and tool-specific reports
- Export raw WFAS data

WFI-EZ Report

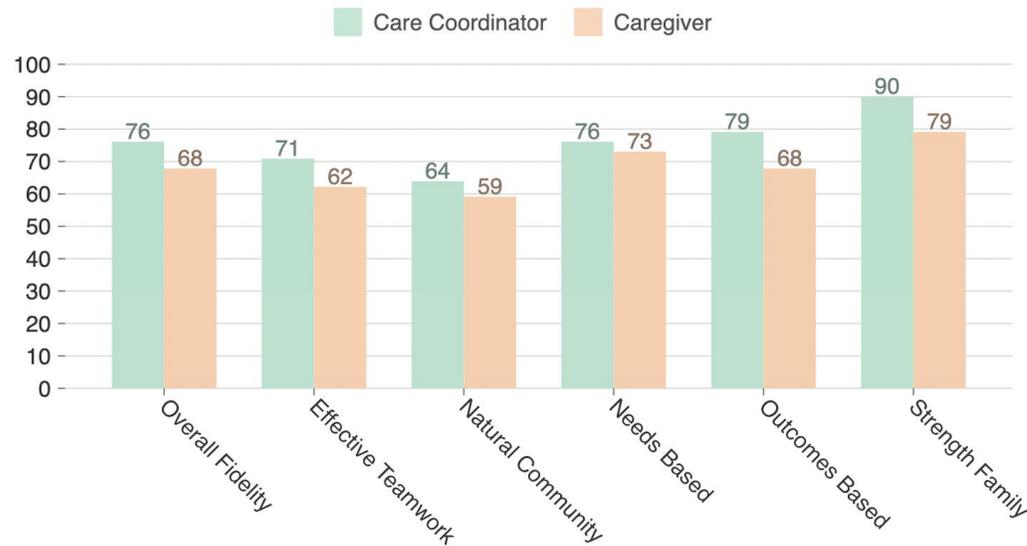
Age at Enrollment



Gender Identity

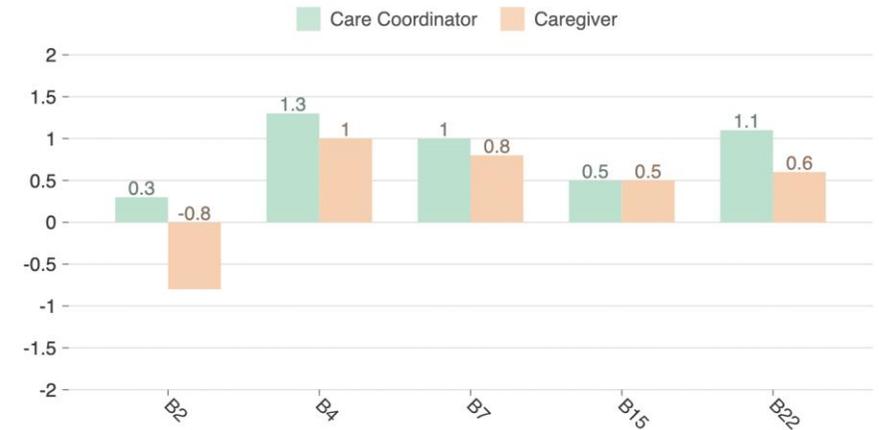


Key Elements and Overall Fidelity



Effective Teamwork

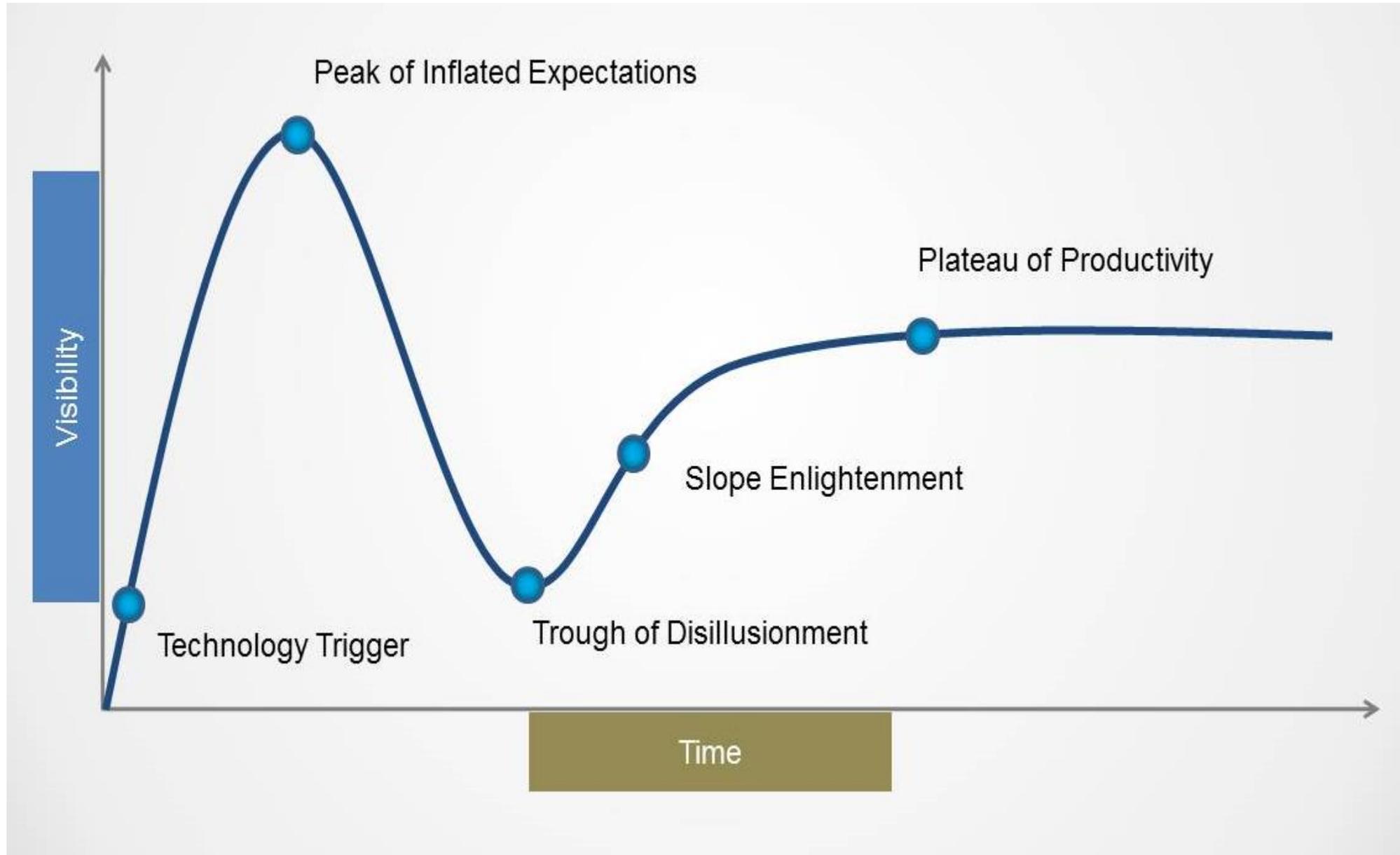
The Effective Teamwork subscale consists of items B2*, B4, B7*, B15*, and B22. Items are rated on a 5 point Likert scale (-2 to 2, Strongly Disagree to Strongly Agree). An asterisk indicates that the item is reverse-scored. Users also have the option to respond "don't know" to any item, which renders the item "blank".



View Data

TOM 2.0																													
Evaluation Cycle Survey																													
2 selected							Team Observation Measure 2.0 (TOM 2.0)																						
Show metric types: <input checked="" type="checkbox"/> Quantitative <input checked="" type="checkbox"/> Qualitative <input checked="" type="checkbox"/> Formulas <input checked="" type="checkbox"/> Additional Codings <input type="checkbox"/> Summary Usage <input type="checkbox"/> Detailed Usage Coded Values: <input checked="" type="checkbox"/> Missing Values: <input checked="" type="checkbox"/> 																													
Showing 15 of 15																													
1a	1b	1c	1d	1e	1f	Notes1	2a	2b	2c	2d	2e	Notes2	3a	3b	3c	3d	3e	Notes3	4a	4b	4c	4d	4e	Notes4	4_Strengths	5a	5b	5c	5d
SI	SI	SI	SI	SI	S	search	SI	SI	SI	SI	SI	search	SI	SI	SI	SI	SI	search	SI	SI	SI	SI	SI	search	search...	SI	SI	SI	
1	666	1	1	1	0		1	1	1	1	666		1	666	1	1	1		1	1	1	1	1			1	1	0	1
666	1	666	1	666	1		1	1	1	1	1		666	1	1	666	1		1	1	666	1	0			1	1	1	666
1	666	1	1	1	1		1	1	666	1	666		1	666	0	0	1		1	1	1	1	0			666	0	0	1
1	1	1	1	1	1		1	1	1	1	1		1	1	1	1	1		1	1	1	1	1			1	1	0	1
1	1	1	1	0	0		1	1	1	1	666		1	666	1	0	1		1	1	1	1	1			0	1	0	1
1	0	666	0	1	0		1	1	666	0	666		1	0	1	0	1		1	0	0	1	1			1	1	1	1

“Gartner
Hype
Cycle
Curve”
for
Technology
and Other
things



Current WrapStat Users' Problems & Feedback:

What is WERT doing about this?

“Reports are slow to load”

WERT's Response:

- Working with developers to increase running time, improve user experience

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"Keeping an up-to-date youth roster is too much effort"

WERT's Response:

- Working one-on-one with users to optimize their data entry process
- Emphasizing entering in data consistently vs. entering in all the data

Lessons Learned

Importance of clear sampling methods

Systems/collaborators need to plan/adapt to entering all youth

WERT to provide more user support (WrapStat is a more complex system)

UW WERT is staffing up to provide more active support and communication with our WFAS licensees

- Monthly Newsletter
- Regular webinars
- WrapStat Drop-in hours twice a month
- NWI Wraparound blog and infobriefs (www.nwi.pdx.edu)
- Contact us anytime via wrapeval@uw.edu



Wraparound Evaluation & Research Team

WRAPAROUND EVALUATION AND RESEARCH NEWSLETTER

2022 / Issue 2

WRAPSTAT "DROP-IN" HOURS

WERT continues to host virtual office hours twice a month for users to come ask questions or learn more about a particular topic.

We invite you to come join us on the 2nd Monday of every month and the 4th Thursday of every month from 10am-12pm (PST).

To join this office hour please follow the zoom link below:

March 14th & March 24th
<https://washington.zoom.us/j/98190813869>

"CAN WE FINALLY CALL WRAPAROUND EVIDENCE-BASED?"

- Eric Bruns

On November 1, 2021 the completed meta-analysis of effects of Wraparound care coordination was included as the "spotlighted" article in the print edition of the Journal of the American Academy of Child and Adolescent Psychiatry. This research study found that Wraparound consistently produces more positive outcomes than services as usual for youths with serious and complex needs, particularly for youth of color. The article is available for free and [downloadable in full from the Journal's website](#).

COMMONLY ASKED QUESTIONS:

What is the difference between the organization contact and lead evaluator contact?

The organization contact is the organization's primary contact for UW to send official notice to. The lead evaluator contact is the organization's primary contact person for UW to respond to regarding Authorized users. If either of these contacts change within your organization, please let us know!

What happens if I accidentally added an extra youth or created an unwanted evaluation cycle?

Once youth are entered into the system they can only be discharged and cannot be deleted. If you accidentally added a youth twice, send us an email and we will correct it on our end. Evaluation cycles cannot be deleted by users either, so be careful when adding a new cycle. However, accidents happen! If you have an unwanted cycle, feel free to email us at wrapeval@uw.edu to manually delete it.

What is the difference between an ongoing and fixed evaluation cycle?

A fixed cycle will pull the recommended sample size based on the current eligible youth in the system. No additional youth will be added to the evaluation cycle. In contrast, an ongoing cycle will pull all currently eligible youth and continue to add youth throughout the cycle as they become eligible.

For helpful guides and How To's, be sure to check out the 'Resource Center' tab on the WrapStat website!

Wraparound Evaluation and Research Team
6200 NE 74th St, Seattle WA 98115
Ph: (260) 685-0464 | Email: wrapeval@uw.edu



Caitlin is the newest member of WERT. She will be managing our email account, answering any questions you might have on WrapStat or the WFAS tools. Caitlin looks forward to getting to know our users and providing support!

Some fun facts about Caitlin are that she loves climbing and backpacking!



WERT plans more in 2022

- Create annual reports for the system as a whole
- Establish a Learning Community
- Continue to refine/develop the WrapStat reports for users
 - Provide alternative reporting options to allow for flexibility in users' needs
- Developing a text-based outcomes monitoring that links to WrapStat



WrapStat: Moving toward a collaborative care best practice

Behavioral Health Integration and Collaborative Care Registry Strategies in Medical Settings

The workflow to support integrated behavioral health care models such as collaborative care is a data-driven process, requiring the care team to actively use a caseload management tool. It is important that these tools are used in conjunction with the practice's electronic health record (EHR) if they are not already built into it. Patient tracking systems that support measurement-based care vary widely in their sophistication, functionality, cost, and scalability.

Options include:

1. A spreadsheet used alongside the EHR,
2. A caseload management application used alongside the EHR, or
3. A [customized registry build in an EHR](#)
4. The [AIMS Caseload Tracker](#)

Whichever option is selected, the registry needs to incorporate these key functions:

1. **Track clinical outcomes across a target population**
The care team is accountable for clinical outcomes across the target patient population. Population-level reports allow providers to evaluate current values and trends in validated behavioral health measures, such as the PHQ-9. It can also be used by supervisors to monitor workloads and progress.
2. **Track patient engagement across a caseload**
The behavioral health provider is responsible for ensuring patients stay engaged in treatment. Reminders or alerts can help the provider easily see patients that are due for an appointment or who may require more intensive efforts to engage them in care. These functions can help focus outreach efforts to ensure patients don't fall through the cracks.
3. **Prompt treatment-to-target**
The care team must be able to adjust a patient's treatment plan based on clinical outcome measures, such as the PHQ-9 score. Measurement of outcomes over time makes trends visible and aids the team in evaluating



Final poll (gulp!)

**> What is
your overall
impression of
WrapStat?**



Questions?

