Working the Webinar

- Move any electronic handheld devices away from your computer and speakers
- We recommend that you close all file sharing applications and streaming music or video
- Check your settings in the audio pane if you are experiencing audio problems
- During the presentation, you can send questions to the webinar organizer, but these will be held until the end
- Audience members will be muted until Q&A
- During Q&A, you can "raise your hand" if you would like to verbally ask a question
- If you are calling in over the phone, remember to enter your unique audio pin so we can un-mute your line

^{*}This webinar and the powerpoint will be available on the NWI website.







National Wraparound Initiative 2010 Webinar Series

Webinar 3: Accountability and Quality Assurance in Wraparound

June 15, 2010

Eric Bruns and April Sather
Wraparound Evaluation and Research Team
University of Washington

http://depts.washington.edu.wrapeval www.wrapinfo.org

Goals for this Webinar

- Review key issues to consider in <u>building accountability</u> for a wraparound project
- Review types of data that are typically collected in an accountable wraparound initiative
- 3. Review several wraparound-specific measurement instruments, including <u>fidelity measures</u> from the Wraparound Fidelity Assessment System
 - 1. Wraparound Fidelity Index
 - 2. Team Observation Measure
 - 3. Document Review Measure
 - 4. Community Supports for Wraparound Inventory
- Provide time for interaction, including questions from webinar participants

The NWI and its Resources

Throughout the webinar, we will point to online resources available from The *National Wraparound Initiative*

- The NWI was founded as a collaborative effort to better specify the wraparound practice model, compile specific strategies and tools, and disseminate information about how to implement wraparound in a way that can achieve positive outcomes for youth and families.
 - www.nwi.pdx.edu
- "The Resource Guide to Wraparound"
 - Available at www.wrapinfo.org





www.nwi.pdx.edu



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"The NWI works to promote understanding about the components and benefits of wraparound, and to provide the field with resources to facilitate high quality and consistent wraparound implementation."

the national wraparound initiative

In 2004, stakeholders—including families, youth, providers, researchers, trainers, administrators and others—came together in a collaborative effort to better specify the wraparound practice model, compile specific strategies and tools, and disseminate information about how to implement wraparound in a way that can achieve positive outcomes for youth and families. The NWI now supports youth, families, and communities through work that emphasizes four primary functions:



- Supporting community-level planning and implementation
- Promoting professional development of wraparound staff
- . Ensuring accountability
- Sustaining a vibrant and interactive national community of practice

The NWI is membership supported. You can join the NWI to help continue this important work!!

wraparound resources

The always-useful Resource Guide to Wraparound

NEW! NWI webinar slides and recordings

NEW! Summary of evidence for wraparound

upcoming trainings & events

NWI presents at California Wraparound Institute - June 7, 2010

Webinar: Accountability and Quality Assurance in Wraparound - June 15, 2010

top news & new research

KBCS radio featured a story on Washington State and the National Wraparound Initiative as the second feature of a two part series "Cruel Choices."

Wraparound Milwaukee in 2009 Visionaries video

members & affiliates section

NWI members and affiliates can log in **here** to access job postings, bulletin boards, the NWI blog, members and providers directories, "beta" versions of new resources, archived materials, and more...

Resources specific to Accountability

- Theory and research:
 - Resource Guide section at <u>http://www.nwi.pdx.edu/NWI-book/pgChapter3.shtml</u>
- Supporting Wraparound Implementation:
 - Resource Guide section with chapters on measuring wraparound implementation, MIS, and more at http://www.nwi.pdx.edu/NWI-book/pgChapter5.shtml
- Wraparound Fidelity: Go to the website of the Wraparound Evaluation and Research Team at www.wrapinfo.org or depts.washington.edu/wrapeval





resource guide to wraparound

national wraparound initiative

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home	about	sections	authors	contact
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articles, too and shared Initiative. types of cor Centra includi model Examp impler Storie Review wrapa Apper everyo This Guide i expand the wraparound	Ils, and resources that work of the members In the Resource Guidentributions, including: all products from the Ning descriptions of the conented wraparound ans from youth, families, warticles about the the round; and indices containing tools day practice. Its a work in progress, a contents to reflect the Its philosophy, practice	e to Wraparound—a collerepresent the expertise of the National Wraparound, you will find a variety of ational Wraparound Initiwraparound principles a supported its implementation and communities; eary and effectiveness of and resources that can and our intention is to use ongoing evolution of the ongoing evolution of the offer materials to be incommunities.	e, experience, around of different iative, and practice as have entation; of be used in update and aninking about f you have	"Youth and parents who have been involved with the wraparound process talk about wraparound as being different and providing them with real hope that life could be better on a daily basis." From Andrew Debicki's A Best Practice Model for a Community

future aditions of the Ouida, places contact us at

Part 1: Building Accountability



Research Shows...

- Wraparound is associated with positive outcomes for youth with complex behavioral health needs
 - Residential outcomes
 - Behavioral and Functional
 - Costs
 - See Resource Guide articles in Chapter 3 on "Theory and Research"
- HOWEVER...
 - Wraparound implementation quality must be high to achieve positive outcomes
 - At a family/team level
 - At a community level



Three Levels Of Support For Wraparound



Types of program and system support for Wraparound

- 1. Community partnership: Do we have collaboration across our key systems and stakeholders?
- 2. Collaborative action: Do the stakeholders take concrete steps to translate the wraparound philosophy into concrete policies, practices and achievements?
- 3. Fiscal policies: Do we have the funding and fiscal strategies to meet the needs of children participating in wraparound?
- 4. Service array: Do teams have access to the services and supports they need to meet families' needs?
- 5. Human resource development: Do we have the right jobs, caseloads, and working conditions? Are people supported with coaching, training, and supervision?
- 6. Accountability: Do we use tools that help us make sure we're doing a good job?

Key resource: Resource Guide section, 20 chapters:

www.nwi.pdx.edu/NWI-book/pgChapter5.shtml

Overview of implementation support:

http://www.nwi.pdx.edu/overall.shtml



An accountable wraparound initiative

- When a wraparound initiative is fully supported in the area of Accountability...
 - the community has implemented mechanisms to monitor wraparound fidelity, service quality, and outcomes, and to assess the quality and development of the overall wraparound effort.



Achieving Accountability: Four big ideas

- 1. Establish clear outcomes
- 2. Define your process elements
- 3. Gather satisfaction and other data directly from youths and families
- 4. Monitor costs



What are the implementation steps?

- Determine how you will use your information before you begin to collect it
- Be critical in your methods
- Set reasonable goals for data collection
- Stay on the collaborative course



Part 2: Types of Data

Implementation Data Outcomes Data Costs data



What types of implementation data?

- Measuring wraparound implementation can take many forms.
- Data collection and feedback can be critical in the process of supervising and coaching staff
 - Key resources: Resource Guide to Wraparound chapter on Wraparound Supervision and Management
 - Implementation Overview on the NWI webpage (see http://www.nwi.pdx.edu/NWI-book/Chapters/Bruns-5a.2-
 %28implementation-essentials%29.pdf
- Wraparound fidelity evaluation tools
 - Can be used in supervising wraparound staff
 - More frequently are used in aggregate form to provide feedback to the site and its stakeholders about how implementation is going overall.

Types of implementation data: The basics

- Data on the quality of the wraparound process provided
 - Live observation, plan review, and feedback from youth and families.
- Types of services and supports included in wraparound plans
 - Including whether planned services and supports are provided, and
 - Whether or not the goals and needs that appear on wraparound plans are met.
- Satisfaction and buy-in among stakeholder groups, including youth and families, partner agencies and other stakeholders
- Barriers that prevent wraparound teams from doing their work and/or fully implementing their plans.

What about outcomes data?

- Wraparound projects may define success in many ways
 - Thus, it is critical to convene a collaborative process to define what represents success in terms of ultimate outcomes.
 - Information on outcomes should be relevant to funding decisions, policy discussions, and strategic planning.
 - Outcomes that are chosen should be important to stakeholders as well as to families and reflect the values of wraparound
 - Choose data collection elements that relate to what we are actually trying to achieve – so we can see if it actually is happening...

Choosing outcomes: Based on the theory of change for wraparound

Theory of change: Outline

Ten Principles



Effective, valuesbased teamwork

Phases and

activities



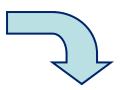
High quality, high fidelity wraparound process



Participation in wraparound builds family capacities



Services and supports work better, individually and as a "package"



Positive child/youth and family outcomes



Key Resource: Wraparound Resource Guide article on the Theory of Change for Wraparound (in Section 3)



Choosing outcomes: Based on the theory of change for wraparound

Skillful practice

- Grounded in strengths
- Driven by needs
- Determined by Families
- Invested in team accountability and results

Participation in wraparound builds family capacities:

- Positive coping
- Planning, collaboration and problem solving
- Positive reframing of family strengths and needs

Services and supports work better, individually and as a "package":

- Services/supports match needs
- Improved access, engagement, retention, commitment
- •Focus on sustainable community and natural support

Process outcomes

- Fidelity
- Optimism
- Engagement
- Focus on most important needs
- Creative, individualized strategies
- Focus on community and natural support
- Progress toward teamidentified outcomes

Key Resource: Wraparound Resource Guide article on the Theory of Change for Wraparound (in Section 3)



Choosing outcomes: Based on the theory of change for wraparound

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- Planning, collaboration and problem solving
- Positive reframing of family strengths and needs

Longer-term outcomes

- Increased self-efficacy
- Increased assets/ resilience
- Needs met/ outcomes achieved
- Improved quality of life
- Safe, stable, home-like living situation
- Improved functioning in school/vocation, community

Key Resource: Wraparound Resource Guide article on the Theory of Change for Wraparound (in Section 3)



Typical types of outcomes data

- Meeting needs or goals that are documented in youth/families' wraparound plans
- Increasing child and family assets and strengths and reduction of needs
- Improving caregiver well-being
- Increasing family and youth empowerment
- Keeping youth "at home, in school, and out of trouble"



Part 3: Wraparound Implementation and Fidelity



What leads to success in health care?

- Knowledge Research and experience has provided us with information on "what works"
 - Evidence-based practice
 - Practice-based evidence
- Competence Research and experience provide a solution, <u>and</u> we apply it correctly
 - Collecting and organizing information
 - Using information to make decisions



Wraparound Knowledge Major "routes" to outcomes and implications

- Effective team process means team is more likely to meet its goals
- Good, value-driven wraparound process leads to outcomes because
 - Services and supports work better
 - Family gains in self-efficacy, selfperceptions, and coping



Wraparound Competence

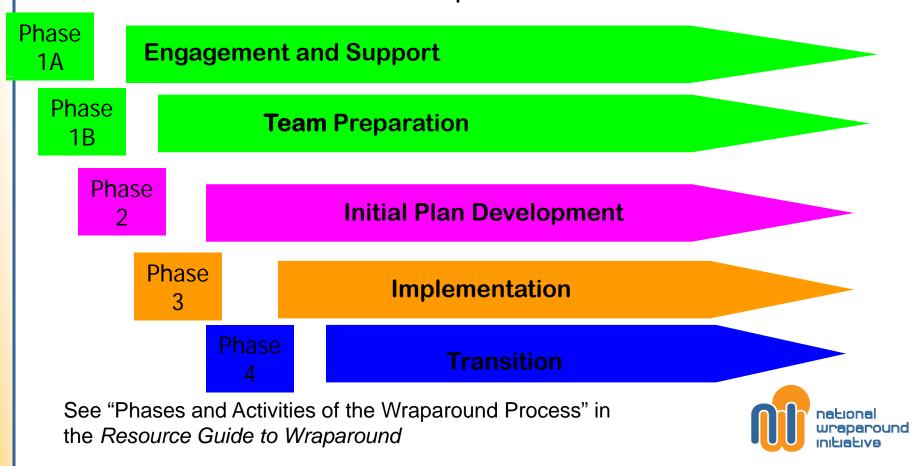
Applying the Wraparound Principles

- 1. Family voice and choice
- 2. Team-based
- 3. Natural supports
- 4. Collaboration
- 5. Community-based
- 6. Culturally competent
- 7. Individualized
- 8. Strengths based
- 9. Persistence
- 10. Outcome-based

See "10 Principles of the Wraparound Process" in the Resource Guide to Wraparound

Wraparound Competence

Implementing the practice model:
The Four Phases of Wraparound



How Do We Measure Competence in Other Health Care Fields?

- Example: Surgical Safety
 - -234 million operations each year
 - 44,000 deaths due to medical errors annually
 - More than auto accidents or breast cancer
 - Many surgery complications and deaths are preventable



Checking provider behavior in Surgery

Examples:

- Before the induction of anesthesia, members of the team orally confirm that:
 - The patient has verified his identity, surgical site, procedure, and consent
 - The surgical site is marked if appropriate
- Before incision, the entire team orally:
 - Confirms that all team members have been introduced by name and role
 - Confirms that all essential imaging results are displayed in the room
- Before the patient leaves the operating room, the nurse reviews items aloud with the team:
 - That the needle, sponge, and instrument counts are complete
 - The team reviews aloud the key concerns for recovery and patient care

Haynes et al. (2009) New England Journal of Medicine

Results

Complications	Before	After	p value
Surgical site infection	6.2	3.4	< .001
Death	1.5	0.8	< .01

Haynes et al. (2009) New England Journal of Medicine



Implications

- What did the checklist accomplish?
 - Ensured similar information for all team members
 - Improved team communication
 - Improved consistency of care across teams



Why do we need implementation quality checks in wraparound?

Studies indicate that Wraparound teams often fail to:

- Incorporate full complement of key individuals on the Wraparound team;
- Engage youth in community activities, things they do well, or activities to help develop friendships;
- Use family/community strengths to plan/implement services;
- Engage natural supports, such as extended family members and community members;
- Use flexible funds to help implement strategies; and
- Consistently assess outcomes and satisfaction.

How might we measure implementation of wraparound???

- Have facilitators and team members fill out activity checklists
- Look at plans of care and meeting notes
- Sit in on and observe team meetings
- Interview the people who know– parents, youth, facilitators, program heads



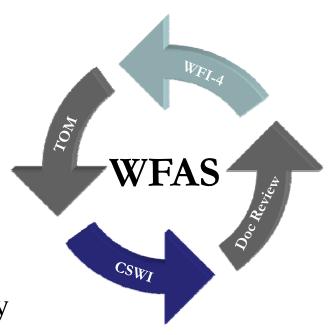


Wraparound Fidelity Assessment System

www.wrapinfo.org or

http://depts.washington.edu/wrapeval

TOM – Team Observation Measure



WFI-4 –

Wraparound Fidelity Index

CSWI – Community
Supports for
Wraparound
Inventory

DRM - Document Review Measure



The Wraparound Fidelity Index, version 4

- Assesses implementation of the wraparound process through brief interviews with multiple respondents
 - Caregivers
 - Youth
 - Wraparound Facilitators
 - Team Members
- Found to possess good psychometric characteristics
 - Test-retest reliability
 - Inter-rater agreement
 - Internal consistency
- Used in research on wraparound
- Even more widely as a quality assurance mechanism by wrap programs

Wraparound Fidelity Index, v.4

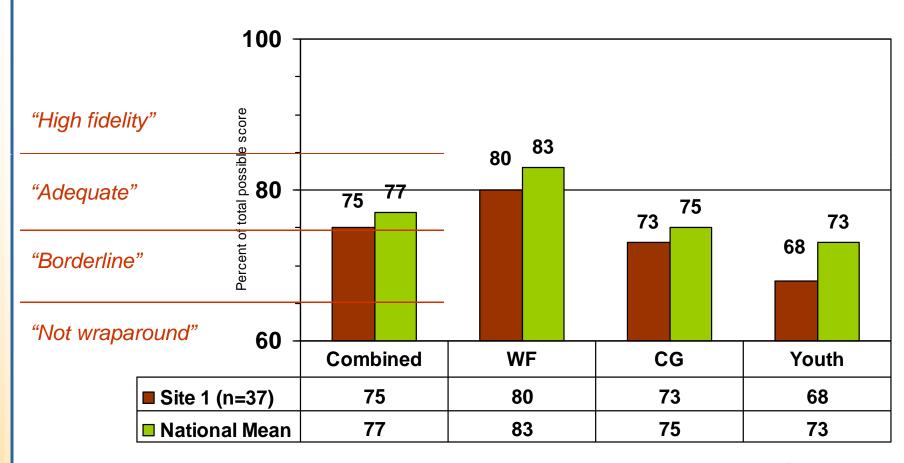
- Items on the principles <u>and</u> core activities, organized by the 4 phases of wraparound
 - Engagement: At the beginning of the wraparound process, did you have a chance to tell your wraparound facilitator what things have worked in the past for your child and family?
 - Principle = Strengths based
 - Planning: Does the plan include strategies for helping your child get involved with activities in the community?
 - Principle = Community based
 - Implementation: Does the team evaluate progress toward the goals of the plan at every team meeting?
 - Principle = Outcome based
 - Transition: Will some members of your team be there to support you when formal wraparound is complete?
 - Principle = Unconditional care



WFI Items: Engagement and Team Preparation Phase

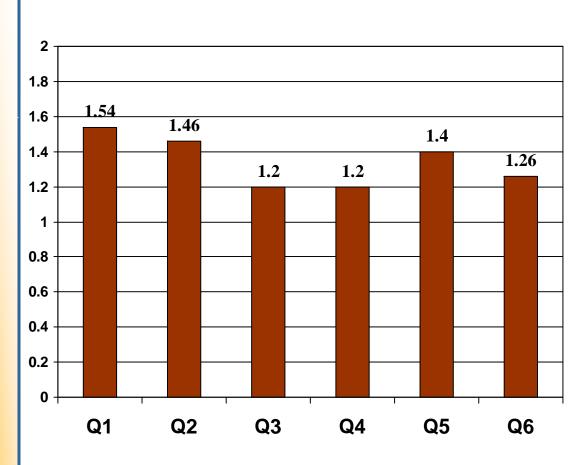
Phase	1: Engagement	Yes	SometimesS omewhat	No	
1.	When you first met your wraparound facilitator, were you given time to talk about your family's strengths, beliefs, and traditions? Circle one: YES NO	YES to both questions	YES to only the first question	NO to the first question	
CC	Did this process help you appreciate what is special about your family? Circle one: YES NO	2	1	0	
2. FVC	Before your first team meeting, did your wraparound facilitator fully explain the wraparound process and the choices you could make?	2	1	0	
3. SB	At the beginning of the wraparound process, did you have a chance to tell your wraparound facilitator what things have worked in the past for your child and family?	2	1	0	
4. TB	Did you select the people who would be on your wraparound team?	2	1	0	
5 . ТВ	Is it difficult to get agency representatives and other team members to attend team meetings when they are needed?	0	1	2	
6. OB	Before your first wraparound team meeting, did you go through a process of identifying what leads to crises or dangerous situations for your child and your family?	2	1	wr	uonal aparound

Sample Report: Total Scores





Reports from the WFI: Individual items (Engagement phase)



Q1. Were you given time to talk about your family's strengths, beliefs, and traditions?

True - 10 Partly True - 3 Not True - 2

Q2. Did your facilitator fully explain wraparound & the choices you could make?

True - 9 Partly True - 4 Not True - 2

Q3. Did you have a chance to tell your wraparound facilitator what has worked in the past for your child and family?

True - 7 Partly True - 4 Not True - 4

Q4. Did you select the people who would be on your wraparound team?

True - 7 Partly True - 4 Not True - 4

Q5. Is it difficult to get team members to meetings when they are needed?

True – 9 Partly True – 3 Not True - 3

Q6. Did you go through a process of identifying what leads to crises for yr family?

True – 8 Partly True – 3 Not True - 4

Team Observation Measure

- The Team Observation Measure (TOM) is employed by external evaluators to assess adherence to standards of high-quality wraparound during team meeting sessions.
- It consists of 20 items, with two items dedicated to each of the 10 principles of wraparound.
- Each item consists of 3-5 indicators of highquality wraparound practice as expressed during a child and family team meeting.
- Internal consistency very good
- Inter-rater reliability found to be adequate (Average 79% agreement for all indicators)



Sample TOM report:

Most frequently observed TOM indicators

#	Item	Pct.	SD
1a	Parent/caregiver is a team member and present at meeting		.266
12e	Members of the team use language the family can understand	92%	.271
18d	Serious challenges are discussed in terms of finding solutions, not termination of services or sanctions.	91%	.288
3a	There is a written agenda or outline for the meeting, which provides an understanding of the overall purpose of meeting	89%	.320
11e	Talk is well distributed across team members and each team member makes an extended or important contribution		.320
18e	There is a sense of openness and trust among team members	89%	.320



Sample TOM report:

Least frequently observed TOM indicators

#	Item	Pct	SD
8a	In designing strategies, team members consider and build on strengths of the youth and family	28%	.458
13b	The team assesses goals/strategies using measures of progress	26%	.446
5d	The facilitator leads a robust brainstorming process to develop multiple options to meet priority needs.		.429
7c	Community team members and natural supports have a clear role on the team	23%	.429
14a	The team conducts a systematic review of members' progress on assigned action steps	23%	.429
8b	The plan of care represents a balance between formal services and informal supports	17%	.380
1c	Key natural supports for the family are team members and present	11%	.362



Document Review Measure

- Consists of 20 items
- Each wraparound principle linked to 3 items
- Scale = 0-4, with criteria for each point on the scale
- Source material = documentation (electronic or paper) related to youth's wraparound process
 - Strengths, needs, culture discovery documentation
 - Wraparound plan of care
 - Crisis plan
 - Transition plan
 - Progress notes



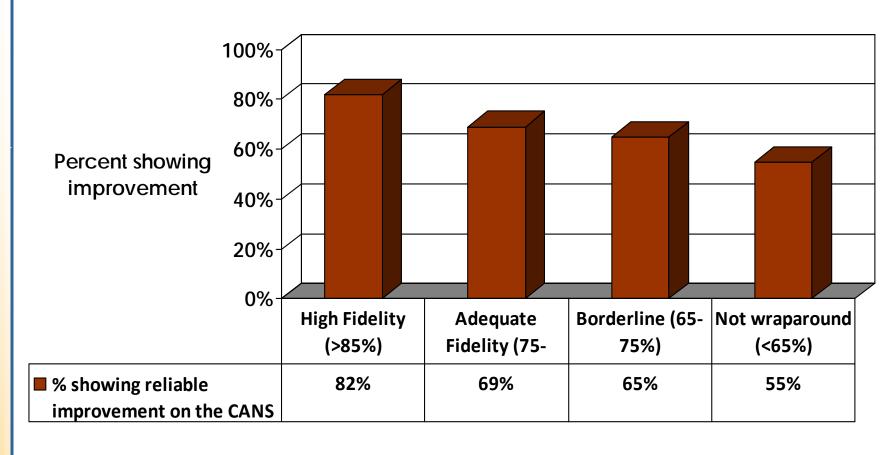
What is the connection between fidelity and outcomes with wraparound?

 Families who experience better outcomes have staff who score higher on fidelity tools (Bruns, Rast et al., 2006; Effland, McIntyre, & Walton, 2010)



 Wraparound initiatives with positive fidelity assessments demonstrate more positive outcomes (Bruns, Leverentz-Brady, & Suter, 2008)

Higher fidelity is associated with better child and youth outcomes



Effland, McIntyre, & Walton, 2010

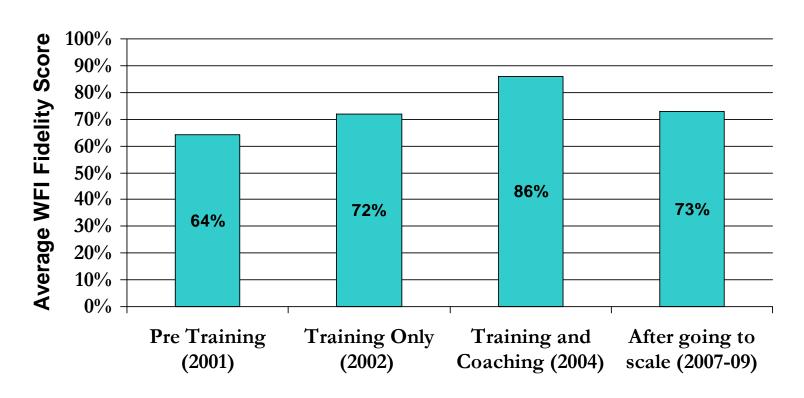


What does it take to get high fidelity scores?

- Training and coaching found to be associated with gains in fidelity and higher fidelity
- Communities with better developed supports for wraparound show higher fidelity scores



Caregiver WFI Fidelity over time in NV



Bruns, Rast, Walker, Peterson, & Bosworth (2006). *American Journal of Community Psychology.*



Types of program and system support for Wraparound

- 1. Community partnership: Do we have collaboration across our key systems and stakeholders?
- 2. Collaborative action: Do the stakeholders take concrete steps to translate the wraparound philosophy into concrete policies, practices and achievements?
- 3. Fiscal policies: Do we have the funding and fiscal strategies to meet the needs of children participating in wraparound?
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- 5. Human resource development: Do we have the right jobs, caseloads, and working conditions? Are people supported with coaching, training, and supervision?
- 6. Accountability: Do we use tools that help us make sure we're doing a good job?

Summary: What Leads To Outcomes?

Program and System Supports

Training, Coaching, and Quality Assurance Adherence to WA Principles in service delivery

Improved Child and Family Outcomes



Core steps to accountability

- Define what you want to know
- Define your data source(s): Do they already exist?
- Fill in the blanks: What do you need to collect?
- Establish a process for review
- Establish your protocol for decision making
- Use the data to inform action



Wraparound Evaluation and Research Team www.wrapinfo.org



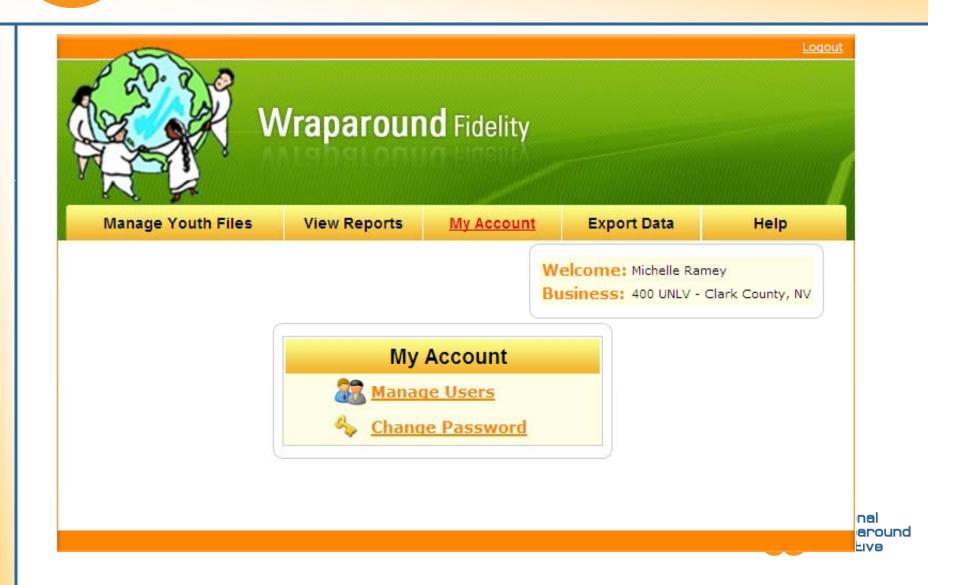
WERT is happy to present the latest results of our extensive analysis of the psychometric properties of the Wraparound Fidelity Index, version 4, facilitated by a

nal around Live

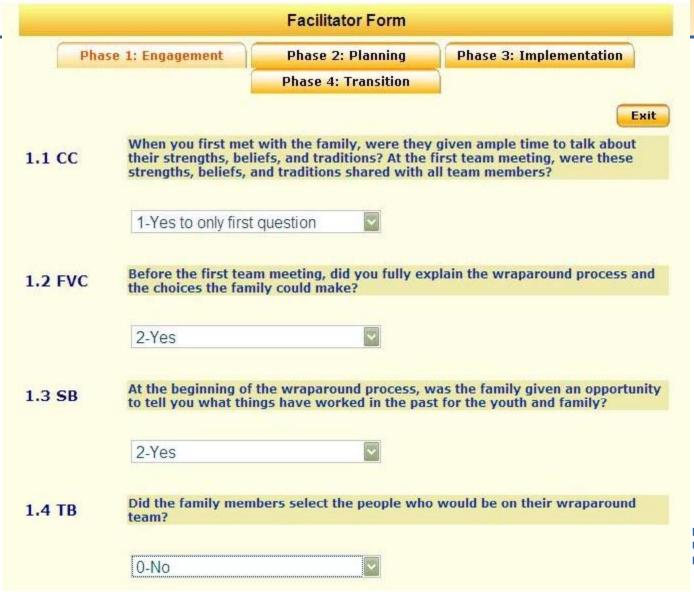
WONDERS

- Wraparound Online Data Entry and Reporting System
- Allows users to enter data via a web portal
- Compiles data from WFI and TOM in one database
- Creates a range of reports from Demographics to Fidelity and Qualitative Reports.
- Allows export of all data variables for further analysis.

WONDERS - www.wrapinfo.org



WONDERS - Data Entry



national wraparound initiative

WONDERS - Reporting

Reports



Report 1: Summary of Respondents



Report 7: Fidelity Scores by Principle and Respondent



Report 2: Youth Information and Demographics (Demographic)



Report 8: Fidelity Scores by Phase



Report 2: Youth Information and Demographics (Wrap Facilitator/Caregiver)



Report 9: Percent Agreement



Report 3: Wraparound Process Information



Report 10: Individual Item Summaries



Report 4: Wraparound Plan Components



Report 11: Relative Strengths by WFI Item and Respondent



Report 5: Overall Fidelity



Report 12: Relative Weaknesses by WFI Item and Respondent



Report 6: Combined Fidelity Scores By Principle



Report 13: Summary of Open-Ended Qualitative Comments

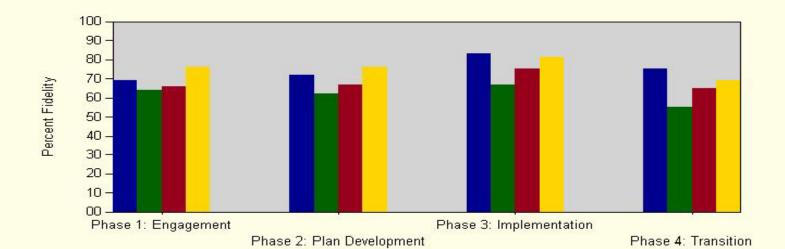


WONDERS - Reporting

Report 8: Fidelity Scores by Phase

Date of Report: Monday, March 30, 2009

Date Range of WFI-4 Data: - Till Date



50	Phase 1: Engagement	Phase 2: Plan Development	Phase 3: Implementation	Phase 4: Transition
Ingrid SaddlerWalker	69	72	83	75
Dee Booth	64	62	67	55
AII	66	67	75	65
National Mean	76	76	81	69

Resources and Websites

- www.wrapinfo.org Portal to
 - The Resource Guide to Wraparound
 - Website of the National Wraparound Initiative (NWI)
 - Wraparound Evaluation and Research Team (WERT) wraparound fidelity tools
- Other wraparound resources:
 - www.Paperboat.org
 - http://www.milwaukeecounty.org/WraparoundMilwaukee7851.htm
 - www.tapartnership.org
 - www.systemsofcare.samhsa.gov







The **National Wraparound Initiative** is based in Portland, Oregon. For more information, visit our website:

www.nwi.pdx.edu



The National Wraparound Initiative is funded by the Center for Mental Health Services, Substance Abuse and Mental Health Services Administration, United States Department of Health and Human Services.