Understanding, Accessing, & Using New CANS & ANSA Outcome Management Reports in Practice

Betty Walton, Wendy Harrold, & Stephanie Moynihan
Webinar Goals

1) Background
2) New Language
3) Describe Individual Reports
4) Describe Group Reports
5) Accessing Reports
6) Sharing & Using Information
7) Next Steps
Background: Collaborative Reporting

**Goal:** To facilitate effective decision-making at every level of the system based on a shared understanding of the current needs & strengths of individuals, youth and families

**Process:** Report individual, youth and family needs & strengths to persons at all levels of the system, in metrics that are consistent across levels of meaning for the tasks of people at that level.

**Available:** Individual and group reports are available through DARMHA.

(Israel, 2015)
Feedback System: Multi-Level Information for Effective Decisions

Initial Needs/Strengths & Change over Time (item level)

Client level effectiveness, Effectiveness vs. Agency & System averages

Client level effectiveness, Effectiveness of Clinical Supervisors

Particular needs of clients at entry; Change in Needs over time (total change & change by item)

Program-by-program profile of client needs over time, Characteristics for Individual Programs, Programs within a level of care & entire system

Client Needs & Strengths

Clinician Needs & Strengths

Supervisor

Program

System

(Israel, 2015)
New Language

- **Actionable Need** (ratings of ‘2’ or ‘3”) indicates a need for action
- **Resolved Need** (change in rating from ‘2’ or ‘3’ to ‘0’ or ‘1’) indicates that an actionable need has been resolved
- **Usable Strengths** (ratings of ‘0’ or ‘1’) can be used in planning to address actionable needs or protected
- **Buildable Strengths** (ratings of ‘2’ ) reflect strengths that could be further developed to become usable
Outcome Management

- **Outcome Management**, the framework behind Child and Adolescent Needs and Strengths (CANS, Lyons, 2009) and Adult Needs and Strengths Assessment (ANSA), uses rating information in all aspects of managing the system from individual and family planning to clinical supervision and systems operations (Israel, 2015; Lyons & Weiner, 2009)
Meaningful Use of CANS & ANSA
Monitoring Progress
New Reports
Individual Reports

ENGAGEMENT, PLANNING, AND TRACKING CHANGE OVER TIME
# CANS/ANSA Needs & Strengths Ratings Key

## STRENGTHS

<table>
<thead>
<tr>
<th>RATING</th>
<th>LEVEL OF STRENGTH</th>
<th>APPROPRIATE ACTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>![Trophy] Centerpiece strength</td>
<td>![Trophy] Central to planning</td>
</tr>
<tr>
<td>1</td>
<td>![Smiley] Strength present</td>
<td>![Smiley] Useful in planning</td>
</tr>
<tr>
<td>2</td>
<td>![Building Blocks] Identified strength</td>
<td>![Building Blocks] Build or Develop strength</td>
</tr>
<tr>
<td>3</td>
<td>![Question Mark] No strength identified</td>
<td>![Question Mark] Strength creation or identification may be indicated</td>
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## NEEDS

<table>
<thead>
<tr>
<th>RATING</th>
<th>LEVEL OF NEED</th>
<th>APPROPRIATE ACTION</th>
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</thead>
<tbody>
<tr>
<td>0</td>
<td>![Check Mark] No evidence of need</td>
<td>![Check Mark] No action needed</td>
</tr>
<tr>
<td>1</td>
<td>![Magnifying Glass] Significant history or possible need which is not interfering with functioning</td>
<td>![Magnifying Glass] Watchful waiting/ Prevention/ Additional assessment</td>
</tr>
<tr>
<td>2</td>
<td>![Action] Need interferes with functioning</td>
<td>![Action] Action/ Intervention</td>
</tr>
<tr>
<td>3</td>
<td>![Warning] Need is dangerous or disabling</td>
<td>![Warning] Immediate and/or Intensive action</td>
</tr>
</tbody>
</table>
Individual Assessment Summary

Date: 10/31/2016
Type: CANS 5-17
Assessor: Blue Moon
DARMHA 23232312
Internal ID: 11111111

Usable or Buildable Strengths
- Spiritual/Religious
- Community Life
- Natural Supports

Actionable Needs
- Family Functioning
- Living Situation
- School
- Recreation
- Communication
- Impulsivity/Hyperactivity
- Anger Control
- Intentional Misbehavior (Social Behavior)

Family Strengths
- Relationship Permanence
- Youth Involvement with Care

Judgment
- Family Stress (Caregiver)

Interpersonal
- Optimism
- Educational
- Talents/Interests

This report lists usable or buildable strengths (rated 0, 1 or 2) and actionable needs (rated 2 or 3) identified from a CANS or ANSA assessment for the specified individual on the indicated date. n = number of individuals; e = number of episodes.

For more information about CANS & ANSA and this report, visit https://dmha.fssa.in.gov/DARMHA/mainDocuments.
Indiana Family & Social Services Administration, Division of Mental Health & Addiction, DARMHA
Group/Aggregate Reports

TRACKING PROGRAM & SYSTEM CHANGE
Baseline Strategy

- Calculate Baseline = Time 1 (T1) or Time 2 (T2)

- The assessment with the highest level of identified needs = Mean [Behavioral Health Symptoms, Life Functioning, Risk Behaviors, Caregiver (for youth)]

- Implication: Manage time between assessments
Resolved Needs over Time for Children & Youth
Resolved Behavioral/Emotional Needs over Time
Statewide, n = 1,415, e = 1,447 as of 01/17/2017

Selected Filters: Statewide, T1=Baseline, T2=Latest, SED, All Episodes, High Fidelity Wraparound?; Graph presents data from 07/11/2007 to 11/29/2016.

This report details resolved actionable needs (ratings of 2 or 3 changing to 1 or 0) for items in each core assessment domain. For each item, the bar reports the percentage actionable needs (rated 2 or 3) at Time 1 (T1), and the second bar reports the percentage at Time 2 (T2). The numeric percentage is the percent of resolved need from T1 to T2. n = number of individuals; e = number of episodes.

For more information about CANS & ANSA and this report, visit https://dmha.fssa.in.gov/DARMHA/mainDocuments.
Indiana Family & Social Services Administration, Division of Mental Health & Addiction, DARMHA
Resolved Needs

- The report graphically displays the percentage of actionable needs at Time 1 compared to T2 for a designated group of people.

- One graph is included for each CANS or ANSA needs domain: Function, Behavioral Health, Risk Behaviors, Acculturation, and Caregiver Needs and Strengths
Selected Filters: Agency K, T2=Latest, T1=T2 - 120 days, Age 13 to 17 years, County X, All Agreement Types, Open Episodes, DMHA Supported Consumer; Graph presents data from 11/27/2012 to 10/31/2016.

This report presents a dashboard of the most frequently identified behavioral health symptoms or risks (plus adjustment to trauma) and the most frequently identified functional needs for this population. For each item, the first bar reports the percentage actionable needs (rated 2 or 3) at Time 1 (T1), and the second bar reports the percentage at Time 2 (T2). The numeric percentage reflects change from T1 to T2. n = number of individuals; e = number of episodes. For more information about CANS & ANSA and this report, visit https://dmha.fssa.in.gov/DARMHA/mainDocuments. Indiana Family & Social Services Administration, Division of Mental Health & Addiction, DARMHA

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Indiana Family & Social Services Administration, Division of Mental Health & Addiction, DARMHA
Key Intervention (Dashboards)

- Items in the reports include the most commonly endorsed items for that population (young children, children and youth, adults with mental health problems, or adults in primarily in treatment for substance use disorders.

- Key Intervention reports include the six most frequently endorsed social/emotional (behavioral health) or risk behavior needs, and the four most frequently identified life functioning problems. Adjustment to Trauma was added to all dashboards.
Key Interventions over Time for Adults with Mental Health Problems
For Transition Age Youth, Ages 18 to 25
Agency T, n = 807, e = 807 as of 11/08/2016

This report presents a dashboard of the most frequently identified behavioral health symptoms or risks (plus adjustment to trauma) and the most frequently identified functional needs for this population. For each item, the first bar reports the percentage actionable needs (rated 2 or 3) at Time 1 (T1), and the second bar reports the percentage at Time 2 (T2). The numeric percentage reflects change from T1 to T2. n = number of individuals; e = number of episodes.
Strength Development Reports

- Use the same periods as the Key Interventions or Resolved Needs
- Percentage of ‘0s’ and ‘1s’ in Time 1 compared to Time 2. A higher T2 represents Strength Development.
Strength Development over Time for Children and Youth

Agency K, n = 173, e = 173 as of 11/08/2016

Selected Filters: Agency K, T1=Baseline, T2=Latest, Age 13 to 17 years, County K, All Agreement Types, Open Episodes, DMHA Supported Consumer; Graph presents data from 08/14/2007 to 11/04/2016. This report measures change in usable strengths (rated 0 or 1) over time. It shows the percentage of usable strengths at Time 1 (T1) and Time 2 (T2). The numeric percentage reflects change from T1 to T2.
This report combines usable strengths (0 or 1) and actionable life functioning needs (2 or 3) which reflect community integration, a recovery measure over time. For each item, the first bar reports the percentage of usable strengths or actionable needs at Time 1 (T1), and the second bar reports the percentage at Time 2 (T2). The numeric percentage reflects change from T1 to T2. n = number of individuals; e = number of episodes.

For more information about CANS & ANSA and this report, visit https://dmha.fssa.in.gov/DARMHA/mainDocuments.
Indiana Family & Social Services Administration, Division of Mental Health & Addiction, DARMHA
Reliable Change over Time for Adults with Mental Health Problems  
Statewide, Ages 26-35, n = 39,192, e = 46,175 as of 11/08/2016

<table>
<thead>
<tr>
<th>Positive Change</th>
<th>Functioning</th>
<th>Strengths</th>
<th>Behavioral Needs</th>
<th>Risks</th>
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<tbody>
<tr>
<td></td>
<td>8,706</td>
<td>5,485</td>
<td>9,048</td>
<td>5,952</td>
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<tr>
<td>Negative Change</td>
<td>6,701</td>
<td>9,700</td>
<td>5,490</td>
<td>3,952</td>
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<tr>
<td>No Change</td>
<td>30,758</td>
<td>30,977</td>
<td>31,621</td>
<td>36,254</td>
</tr>
</tbody>
</table>

Consumers: 39,192  
Consumers w/Positive Change: 17,656  
Percent Improved: 45.05%

Selected Filters: Statewide, T1=Baseline, T2=Latest, Age 26 to 35 years, SMI, Closed Episodes, DMHA Supported Consumer; Graph presents data from 01/22/2008 to 11/07/2016. This report measures change over time by using the average (mean) and reliability information to calculate statistically significant change in each CANS or ANSA domain (Improved, Maintained, or Worsened). The number and percentage of individuals who experienced reliable improvement over time is reported. Additionally, for each assessment domain, the number of individuals who experienced positive, negative, or no change is reported. n = number of individuals; e = number of episodes.

This report measures change over time by using the average (mean) and reliability information to calculate statistically significant change in each CANS or ANSA domain (Improved, Maintained, or Worsened). The number and percentage of individuals who experienced reliable improvement over time is reported. Additionally, for each assessment domain, the number of individuals who experienced positive, negative, or no change is reported. n = number of individuals; e = number of episodes.
Reliable Change over Time for Children & Youth  
Statewide, n = 93,931, e = 114,579 as of 11/09/2016

<table>
<thead>
<tr>
<th></th>
<th>Functioning</th>
<th>Strengths</th>
<th>Behavioral Needs</th>
<th>Risks</th>
<th>Caregiver</th>
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<tbody>
<tr>
<td>Positive Change</td>
<td>35,229</td>
<td>15,956</td>
<td>26,928</td>
<td>23,287</td>
<td>20,179</td>
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<tr>
<td>Negative Change</td>
<td>16,980</td>
<td>27,829</td>
<td>15,684</td>
<td>17,349</td>
<td>18,333</td>
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<td>No Change</td>
<td>62,342</td>
<td>70,753</td>
<td>71,918</td>
<td>73,890</td>
<td>74,158</td>
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</table>

Selected Filters: **Statewide, T1=Baseline, T2=Latest, SED, Closed Episodes**; Graph presents data from 07/1/2007 to 11/08/2016. This report measures change over time by using the average (mean) and reliability information to calculate statistically significant change in each CANS or ANSA domain (Improved, Maintained, or Worsened). The number and percentage of individuals who experienced reliable improvement over time is reported. Additionally, for each assessment domain, the number of individuals who experienced positive, negative, or no change is reported. n = number of individuals; e = number of episodes.
Reliable Change over Time for Children & Youth
Statewide. n = 349, e = 351 as of 08/02/2016

Consumers: 349
Consumers w/Positive Change: 148
Percent Improved: 42.41%

<table>
<thead>
<tr>
<th>Domain</th>
<th>Positive Change</th>
<th>Negative Change</th>
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<tr>
<td>Functioning</td>
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<td>46</td>
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<tr>
<td>Behavioral Needs</td>
<td>54</td>
<td>36</td>
<td>260</td>
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<tr>
<td>Risks</td>
<td>69</td>
<td>66</td>
<td>215</td>
</tr>
<tr>
<td>Caregiver</td>
<td>40</td>
<td>31</td>
<td>279</td>
</tr>
</tbody>
</table>

Selected Filters: Statewide, T1=Baseline, T2=Latest, All Agreement Types, All Episodes, High Fidelity Wraparound; Graph presents data from 09/22/2015 to 07/08/2016.

This report measures change over time by using the average (mean) and reliability information to calculate statistically significant change in each CANS or ANSA domain (Improved, Maintained, or Worsened). The number and percentage of individuals who experienced reliable improvement over time is reported. Additionally, for each assessment domain, the number of individuals who experienced positive, negative, or no change is reported. n = number of individuals; e = number of episodes.
ACCESSING OUTCOME REPORTS
CANS and ANSA Outcome Reports

In order to run report, please select from following required fields: Tool ID, Agreement Type, Date Option. Other dropdown and checkbox fields are optional filters.

Report: Resolved Actionable Needs (Young Children)
Select Provider: STATEWIDE
(Required) Tool ID: <Select>

(Required) Agreement Type: <Select>
(Required) Date Option: <Select>
Reporting Field 1: <Select>
Reporting Field 2: <Select>
Gender: <Select>
DMHA Supported Consumer: <Select>
Episode Status: <Select>
T2 Date Range: <Select>
Age Group: <Select>
County: <Select>
EBP Question: <Select>
Display Option: □ Chart □ Chart with Summary Data □ Raw Data

Race:
- African-American
- Asian
- Not Hawaiian/Pacific Isi

Ethnicity:
- Not Hispanic/Latino
- Other Hispanic/Latino
- Puerto Rican
- Latino, Unknown Origin
To Access Individual Assessment Summary

3 approaches:

- Through Individual’s Record
- Filter Page
- Receive Email with Link
To Access Individual Consumer Outcomes

- Look up Individual in DARMHA
- Go to Reports
- Select ‘Individual Consumer Outcomes’
- Select ‘Item’ or ‘Domain’ Level
- Select Criteria ‘Endpoints’ or ‘All Dates’
- Select Time Frame
- Process Report
To Access Group/Aggregate Reports

- Use Filter Page for CANS & ANSA Outcome Reports
Using Filters...

- Select All Required Filters
- Report
- Provider
- Tool
- Agreement Type
- Date Option
Select Report

- Resolved Actionable Needs (Young Children), (Children & Youth), or (Adults)
- Key Interventions for Adults with (Serious Mental Illness) or (Substance Abuse Disorders)
- Key Interventions (CANS, 5 to 17) or (CANS, Birth to 5)
- Strength Development for (Young Children), (Children & Youth), or (Adults)
- Community Integration
- Improvement in One Domain
Select Provider

- Your Agency’s Name will appear
- Option: Select Statewide Report for comparison

Note: Statewide reports take longer to run due to the volume of data
Select Tool

- ANSA
- CANS 5 to 17
- CANS Birth to 5

Be sure that the tool matches the population in the selected report!
Select Agreement Type

- SMI (serious mental illness)
- SED (severe emotional disturbance)
- CA (chemical addiction, SUD)
- No Agreement Type
- All Agreement Types

Note: Agreements are designated only for DMHA funded providers, but a choice must be select to run a report.
Select Date Option

- T2 = Last Assessment, T1 = Baseline
- T2 = Last Assessment, T1 = 120 days before T2
Optional Filters

- Recommend routinely using ‘T2 Date Range’ to specific time frame; otherwise your report could go back to 2006.

- Use other filter to focus on a specific groups of individuals.

- Reporting Fields 1 & 2 can be tailored by your agency to group individuals in meaningful ways. (Contact DARMHA support to set up.)

- Episode status is useful in monitoring progress. You can select only individuals in ‘open’ episodes of care, those with ‘closed’ episodes or ‘all’.

- Select specific EBP to monitor program effectiveness.
Optional Filters

- After looking at progress for groups of individuals, consider disaggregating results by age group, gender, race/ethnicity, and county to identify possible disparities in outcomes.

- Use Display Options to run only a bar graph display or to obtain the graph and table with details (mean percentages for T1 and T2 for each item), or select Raw Data to obtain the report’s raw data.
SHOWTIME!!!
Let’s run some reports!
BEGINNING TO USE OUTCOME MANAGEMENT REPORTS
ACTIVITY: Beginning to Use Outcome Management Information

- Discuss specific examples of ways to use one or more of the new outcome measure reports in practice.
- What did you learn from your organization’s Key Intervention report?
- What surprises you about your organization’s Strength Development report?
### Supporting Documents

- **Ratings Key**
  

- **Improving Access to Assessment Information and Outcome Management Reports**
  

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**STRENGTHS**

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</thead>
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<td>0</td>
<td>Centerpiece strength</td>
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<td>Strength present</td>
<td>Useful in planning</td>
</tr>
<tr>
<td>2</td>
<td>Identified strength</td>
<td>Build or develop strength</td>
</tr>
<tr>
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<td>No strength identified</td>
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**NEEDS**

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<tr>
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<td>Need interference with functioning</td>
<td>Actions/Interventions</td>
</tr>
<tr>
<td>3</td>
<td>Need is dangerous or disabling</td>
<td>Immediate and/or intensive action</td>
</tr>
</tbody>
</table>
Technical Assistance

Accessing Reports

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Understanding & Using Reports

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References


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