

Initial CANS Data for Children Receiving Targeted Case Management:

Analysis based on completed
CANS records entered between
February-December 2014.



Agenda

- CANS Tools
- What is reliable Change?
- How did we calculate RCI?
- Data Selection and Caveats
- Summary
- Kudos to Providers
- New to System(EIS)
- Next Steps

The CANS Tools

The Child and Adolescent Needs and Strength (CANS) tool was developed by John Lyons Ph.D., and adapted by him for use in Maine. The State of Maine is currently using 5 CANS tools to assess clients from ages 0-21 year old.

Maine Name	Age Range
CANS-PC	0-5
CANS-MH	5-17
CANSAT-MH	18-21
CANS-ASP	0-18
CANSAT-DD	18-21

CANS Assessments in the Enterprise Information System (EIS) as of December 31st, 2014

- 24,000 CANS assessment
- 687 Certified providers

- Update-January 20, 2015

Providers only need to pass one CANS test on the Praed site yearly to be certified to administer all 5 CANS assessment types.

(see memo dated 1-20-15 on CBH website)

Reliable Indicators of Change

The Reliable Change Index (RCI) is a statistically derived measure used to determine if any observed change in a patient between applications of the instrument is large enough to be considered a real change and not simply due to chance.

How do we calculate Reliable Change?

We take the average of the domain ratings - if the change is greater than the RCI, it indicates a real change and not simply due to chance.

Where did the numbers come from?

Needs Rating

- 0- No evidence of need
- 1- Watchful waiting/prevention
- 2- Action needed
- 3- Immediate/Intensive action needed

Strengths Rating

- 0- Centerpiece strength
- 1- Useful Strength
- 2- Identified Strength
- 3- No strength identified

Reliable Change Measures

<p>CANS MH</p> <ul style="list-style-type: none"> • Life Domain 3.90 • Child Behavioral/Emotional Needs 4.02 • Child Strengths 3.87 • Acculturation 1.65 • Caregiver Strengths 3.41 • Caregiver Needs 2.79 • Child Risk 3.00 	<p>CANSAT MH</p> <ul style="list-style-type: none"> • Life Domain 4.79 • Child Behavioral/Emotional Needs 3.69 • Acculturation 1.08 • Educational/Vocational 3.90 • Risk Behaviors 3.19 • Strengths 3.68 • Caregiver Needs & Strengths 3.69
<p>CANS ASP</p> <ul style="list-style-type: none"> • Life Domain 4.04 • Child Behavioral/Emotional Needs 3.80 • Cognitive Functioning 3.10 • Sensory Motor Functioning 3.68 • Communication 3.97 • Parent/Caregiver Needs and Strengths 3.20 • Child/Adolescent Strengths 3.74 • Environmental Strengths 3.97 	<p>CANSAT DD</p> <ul style="list-style-type: none"> • Life Domain Functioning 3.93 • Child Behavioral/Emotional Needs 4.02 • Risk Behaviors 3.53 • Care Intensity & Organization 3.48 • Caregiver Capacity 3.23 • Strengths 3.71
<p>CANS PC</p> <ul style="list-style-type: none"> • Life Domain Functioning 3.81 • Child Behavioral/Emotional Needs 3.89 • Regulatory 3.64 • Risk Factors 3.48 • Caregiver Needs 2.83 • Acculturation 1.35 • Caregiver Strengths/Needs 3.28 • Child Strength 3.56 	

Data Selection and Caveats

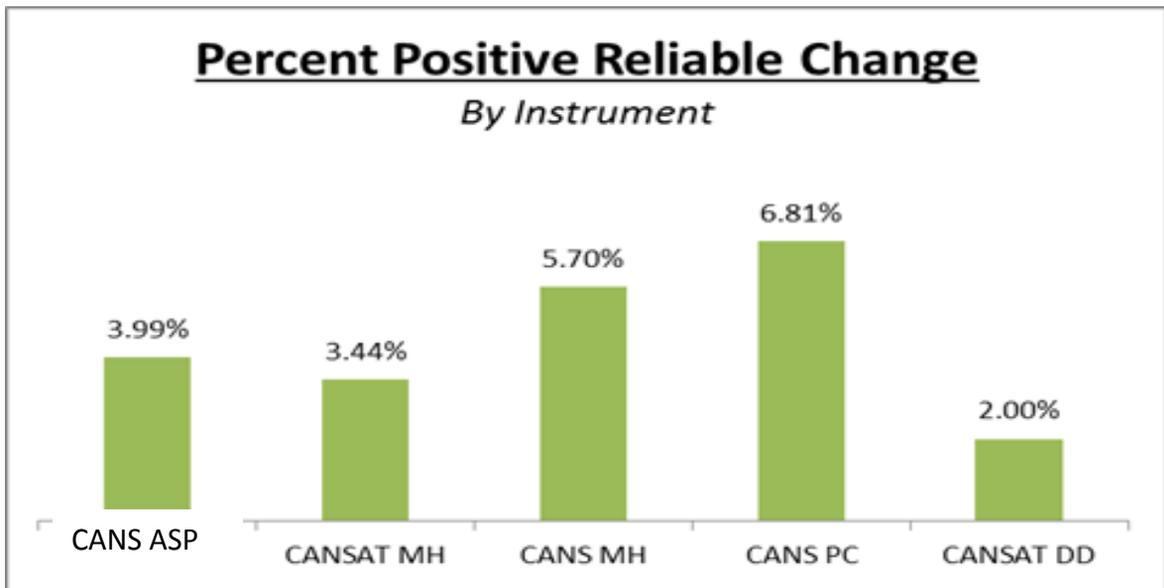
- For this analysis of Reliable Change we used the first assessments entered into EIS and the Discharge assessment.
- So, this means that only clients that have an assessment captured as a ***Transition/Discharge** assessment were used in the report.

Where is this captured?

- On the Introduction page of the assessment in EIS, the second question is “Please check appropriate use” with 3 dropdown choices.
 - Entry in Service
 - Reassessment
 - * Transition/Discharge

Summary

- **3,019 client's viable records were used in the calculation of Reliable Change**
- **5,224 discharges for targeted case management were entered into APS**
- **5% Reliable Positive Change across the assessments**



To improve the Reliable Change calculations in the future:

Use age/issue appropriate assessment

- Ex. Be sure to use the CANS-PC for youth 0-5yrs.
- Ex. Be sure to use the CANS-ASP for youth with ID/DD challenges.

• Enter Discharge assessment

- Upon discharge of client, re-version the CANS, select “Discharge”, and make appropriate changes.

• When updating the CANS, be sure to note all appropriate score changes

- If the individual scores are not changed, no Reliable Change will be noted upon RCI analysis.

Changes for CANS in EIS

New to the Assessment Page:

- The Introduction Page (Dimension) will be removed effective February
- Two (2) questions that were previously on the Introduction page (Dimension) have been moved to the Assessment page (Dimension) as Mandatory Fields, (*see Below*)

Primary Service Area

-Select-

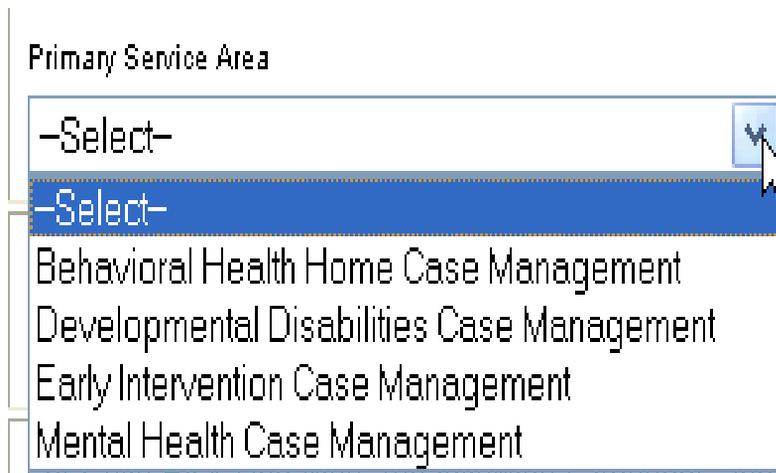
-Select-

Behavioral Health Home Case Management

Developmental Disabilities Case Management

Early Intervention Case Management

Mental Health Case Management



and

Please select appropriate use:

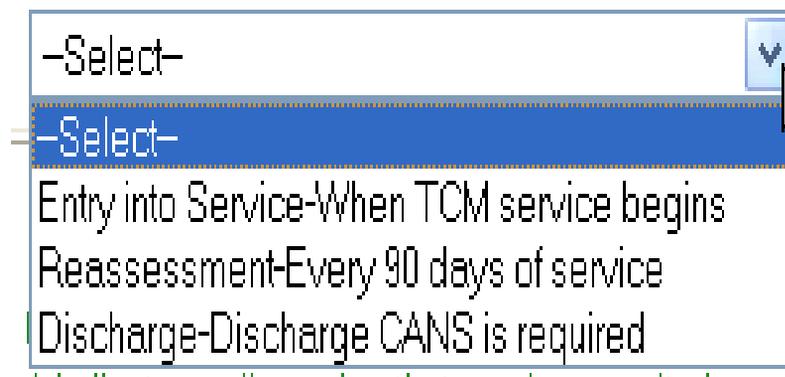
-Select-

-Select-

Entry into Service-When TCM service begins

Reassessment-Every 90 days of service

Discharge-Discharge CANS is required



*Transition/Discharge is now called Discharge

CLOSE

SAVE

Assessment: CANS MH

Dimension Description	Please rate the highest level from the past 30 days)
CANS	
	Primary Service Area -Select- 
	Please select appropriate use: -Select- 
Child Risk Behaviors	<p>For Child Risk Behaviors the following categories and action levels are used.</p> <p>0 indicates a dimension where there is no evidence of any needs. This may be a strength. 1 indicates a dimension that requires monitoring, watchful waiting, or prevention activities. 2 indicates a dimension that requires action to ensure that this identified needs or risk behavior is addressed. 3 indicates a dimension that requires immediate or intensive action.</p>
Suicide Risk	1 History but no recent ideation or gestures. 
Self-mutilation	1 History of self-mutilation 

Kudos to Providers

Quality Data entry

Provider staff have made great improvement with data entry quality

- Client demographics

- Correct dates on assessments

- Entering the CANS timely

Legal Address entry

On 11-14-2014 155 clients with no legal address entered

On 1-23-2015 only 24 clients with no legal address entered

Patience with start up glitches

Next Steps

– Reports available to agencies upon request

- CANS Due Date Report (pdf.)
- CANS Provider Specific Report (excel)
- RCI Report
- Staff Access Reports

If you want to receive any of these reports email Jeanne at jeanne.tondreau@maine.gov

– Take another look at the Reliable Change indicators in 6 months *(more data to evaluate)*

– *Ticklers to come*

- *85 days from last assessment*