

# Communimetrics Data Roundtable

*Utilizing the Standard Reports to describe your program*



## Agenda

- Dan Warner Ph.D. – Introductions to the Standard Reports
- Invitation to present *your organization's data* at the **October 2<sup>nd</sup>** Pre-Conference Visualization Exchange
- Andy Kind-Rubin, Ph.D. Chief Clinical Officer of Child Guidance Resource Centers in Philadelphia, PA.
- Kelly Nardella Psy.D. & Thomas Crotty Ph.D., licensed psychologists who work for Wellspan/Philhaven, a large multi-level mental health facility in Central PA.



## Praed Reports Suite

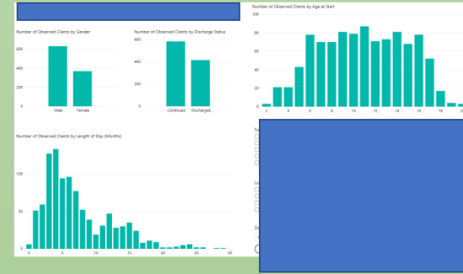
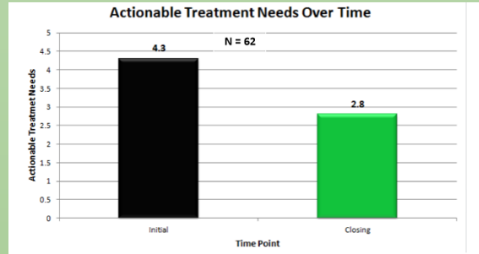
- There are now a vast amount of TCOM implementations
- The Praed Reports Suite 2.0 has standards for how to display the information so that we can compare our projects to others.
- Every TCOM software should be able to do these
  - *(You can also often do them in Excel!)*



**TCOM Report Suite:**  
Minimum Standards for Vendors and Systems  
Version 2.0

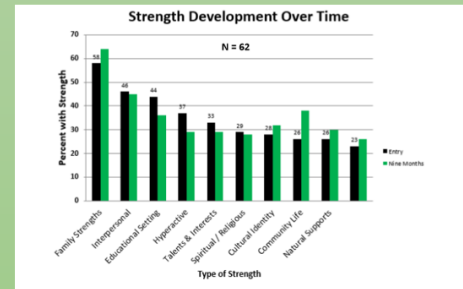
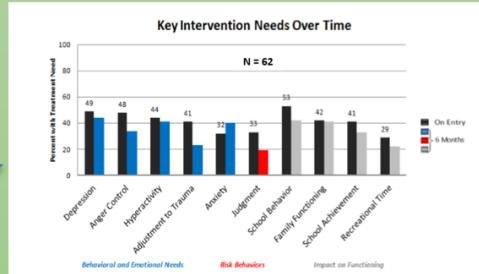
# A TCOM “Program Profile”

Average  
Impact



Demographics

Needs  
Profile



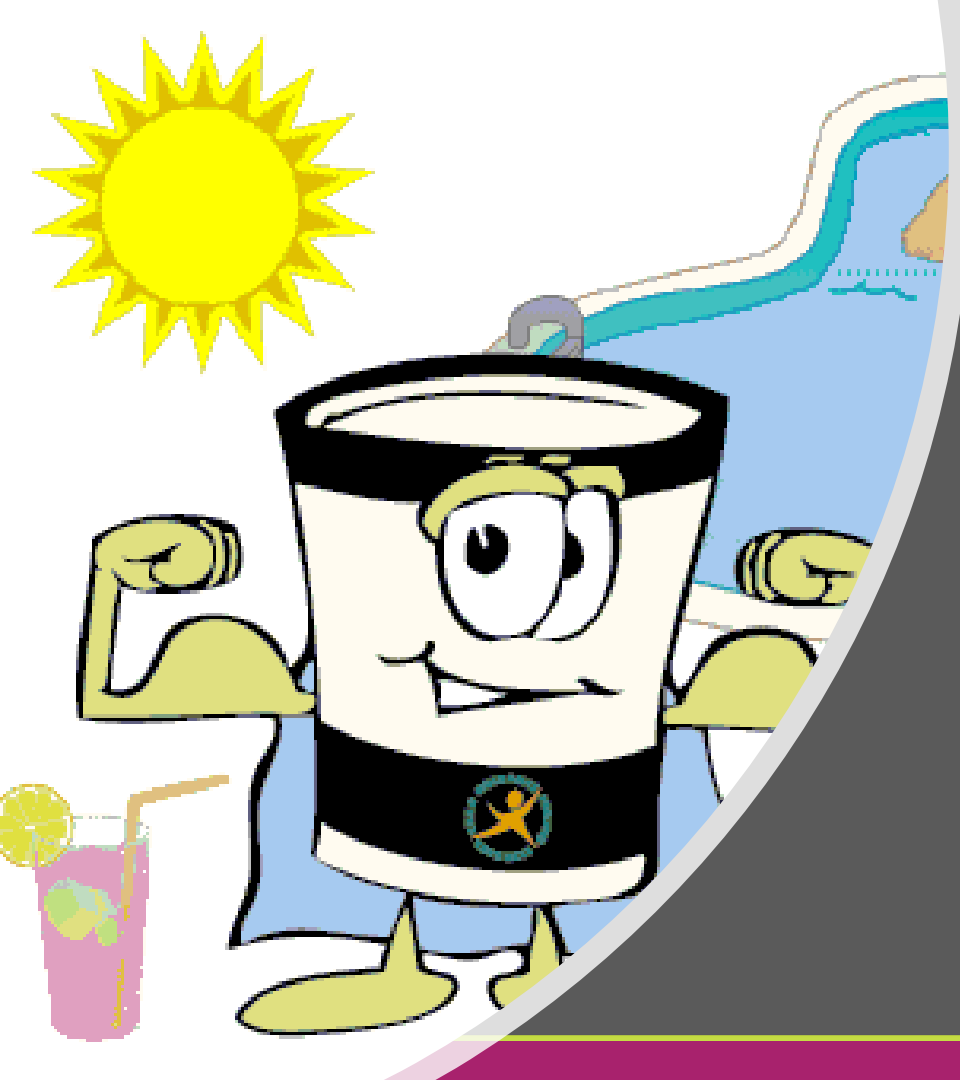
Strengths  
Profile

Narrative explaining the program, agency or system under review. Explaining if the reports are TOOL level or INDIVIDUAL LEVEL, and any other pertinent information.

Narrative, Details, Background,  
“Meat on the bones”

## October 2<sup>nd</sup>, Pre-Conference Visualization Exchange


- Participants will organize their TCOM data into the Program Profile, and bring it to share with others.
  - Get a sense for how your program compares to others.
- If you have data, but do not know how to visualize it, reach out to me! ([dwarner@communitydataroundtable.org](mailto:dwarner@communitydataroundtable.org)). In most cases, we can help you get something together for the exchange.
- People will need to sign up early, and a pre-registration form will come around.
- Also, please note, that if you want to share your data in another form, or have another poster idea, the Convention wants those too! Poster deadline is not yet passed, please submit!



# ANDY KIND- RUBIN PH.D.

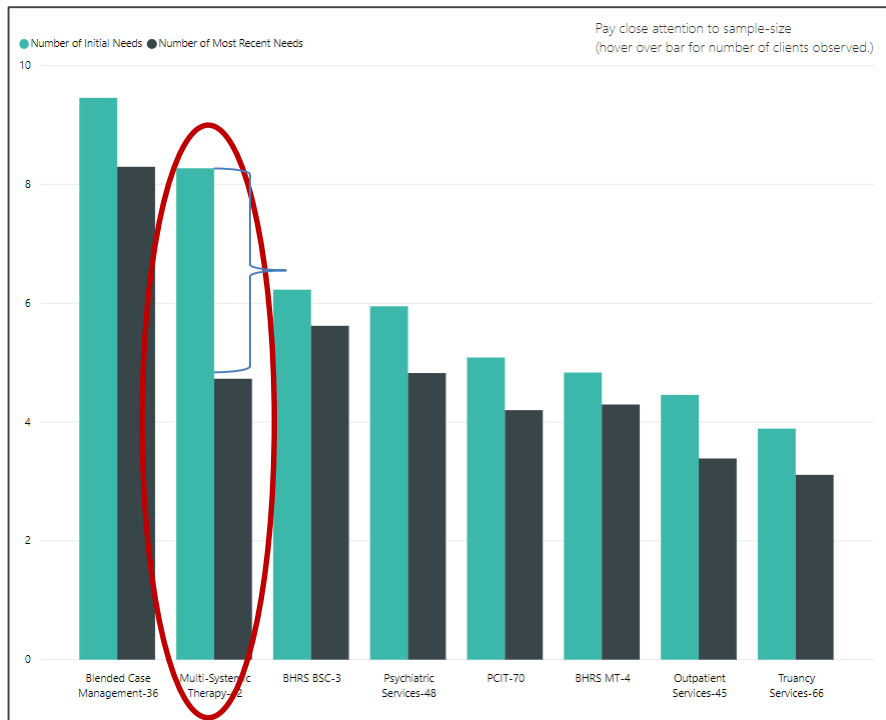
Child Guidance Resource Centers

# **Review of CANS data for MST Program in Montgomery and Delaware Counties**



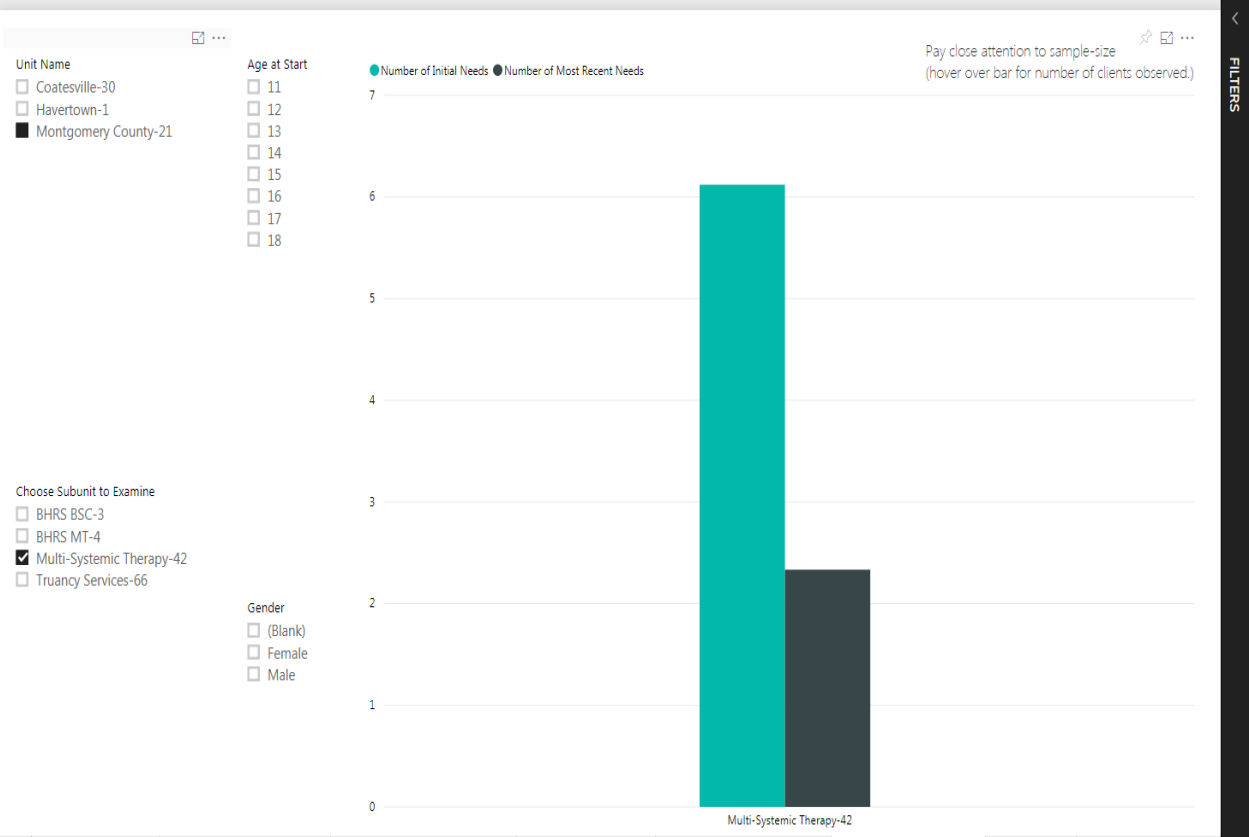
**Child Guidance Resource Centers  
2000 Old West Chester Pike  
Havertown, PA 19083  
Andrew Kind-Rubin, PhD  
Chief Clinical Officer**

# MST in context





- Home (preview)
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- Workspaces >
- My Workspace >

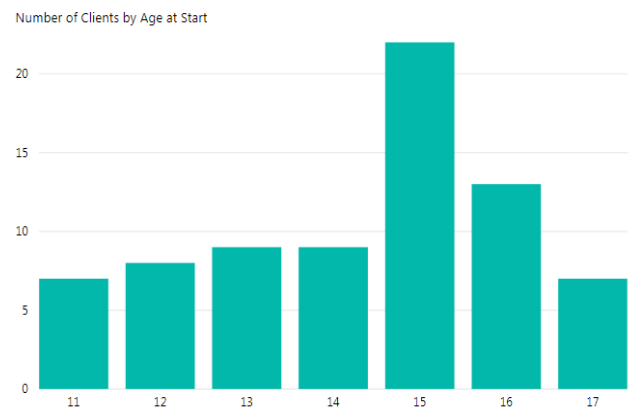
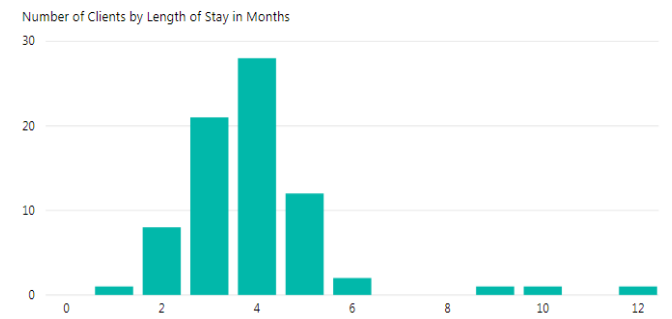
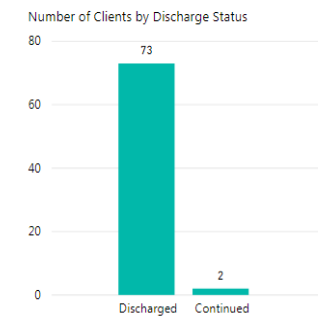
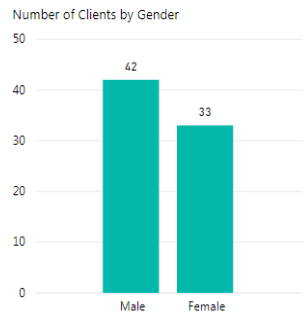


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Power BI | My Workspace > Supervisor Report

File View Edit report Explore Refresh

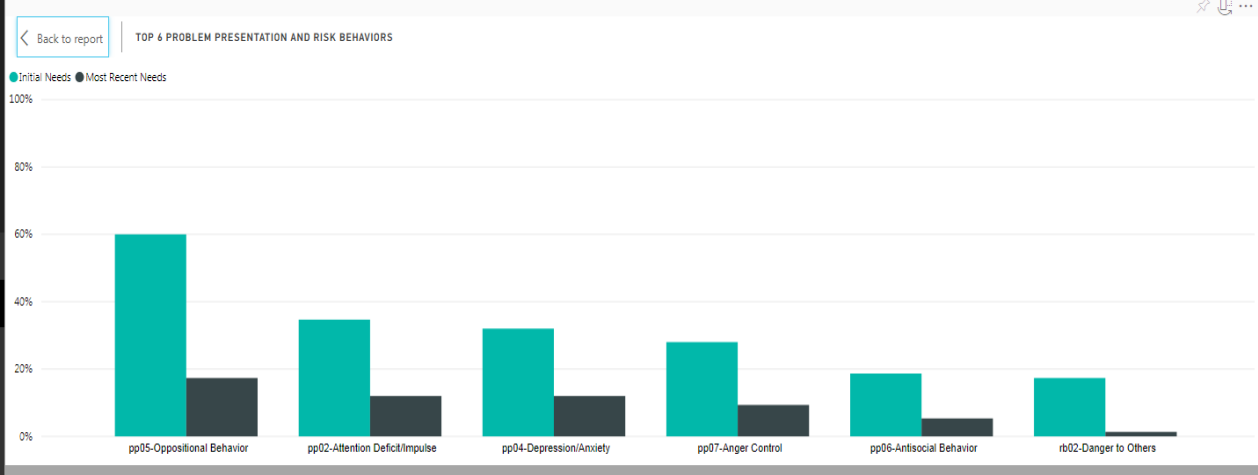
Pin Live Page Reset to default Bookmarks View related Favorite Subscribe



#### Filters

- Unit Name-ID (Scroll)
  - Coatesville-30
  - Havertown-1
  - Montgomery County-21
- Subunit Name-ID (Scroll)
  - BHRS BSC-3
  - BHRS MT-4
  - Multi-Systemic Therapy-42
  - Truancy Services-66
- Server Name (Last, First)
  - BLACKWELL, ALISON
  - BOMERSBACH, CAROLENA
  - BRZEZINSKI, CARLY
  - JACOTIN, JENNIFER
  - LEIBY, ANYA
- Age at Start
  - 11
  - 12
  - 13
  - 14
  - 15
  - 16
  - 17
- History in Treatment
  - First Recorded Treatment
  - Re-Entering Care
- Date of Start of Treatment
  - 11/9/2015
  - 2/27/2019

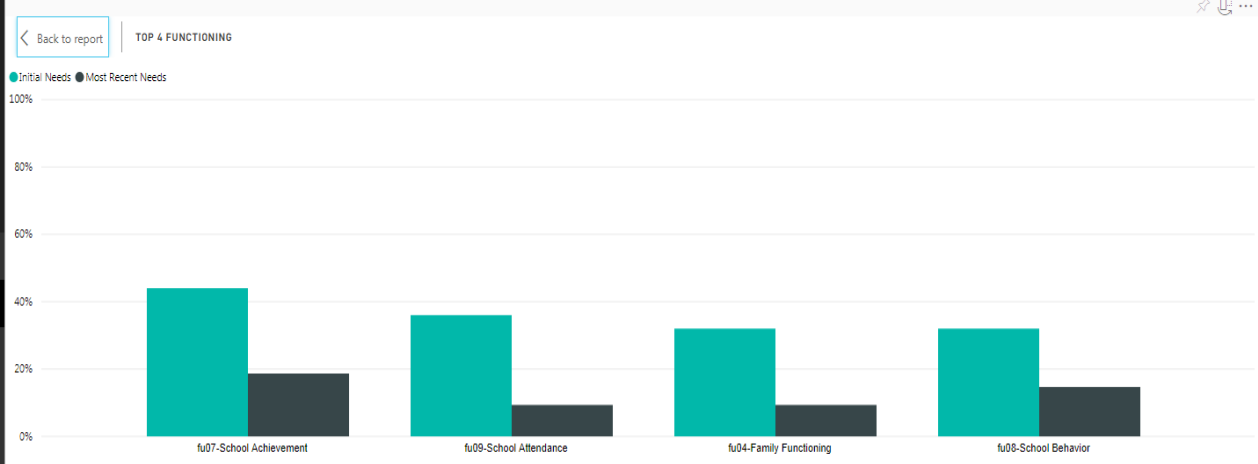
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- Recent
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- Shared with me
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- My Workspace



Item	Initial Needs	Most Recent Needs	Number of Clients observed
pp05-Opositional Behavior	60.00 %	17.33 %	75
pp02-Attention Deficit/Impulse	34.67 %	12.00 %	75
pp04-Depression/Anxiety	32.00 %	12.00 %	75
pp07-Anger Control	28.00 %	9.33 %	75
pp06-Antisocial Behavior	18.67 %	5.33 %	75
rb02-Danger to Others	17.33 %	1.33 %	75

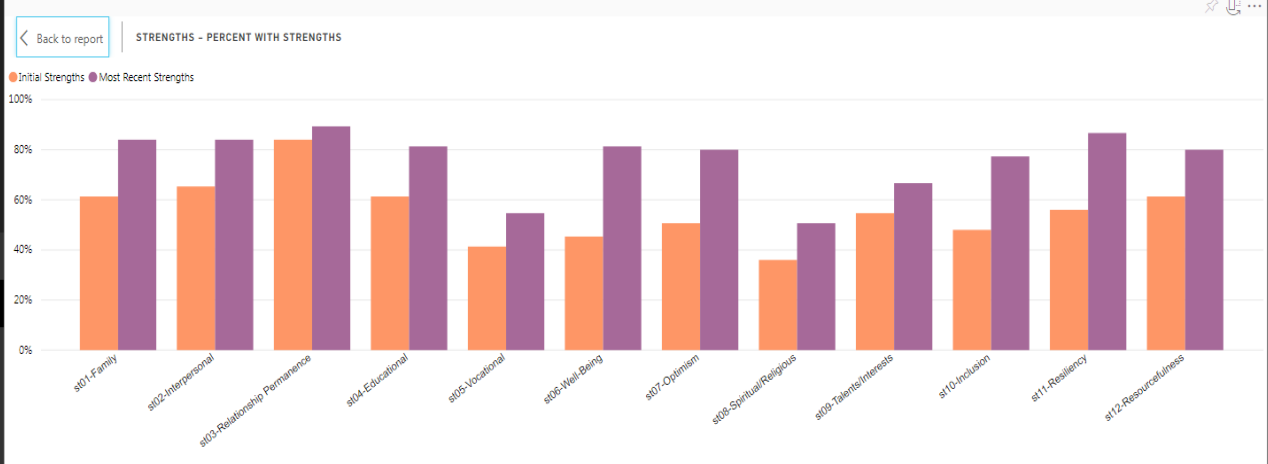


- Home (preview)
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- My Workspace



Item	Initial Needs	Most Recent Needs	Number of Clients observed
fu07-School Achievement	44.00 %	18.67 %	75
fu09-School Attendance	36.00 %	9.33 %	75
fu04-Family Functioning	32.00 %	9.33 %	75
fu08-School Behavior	32.00 %	14.67 %	75

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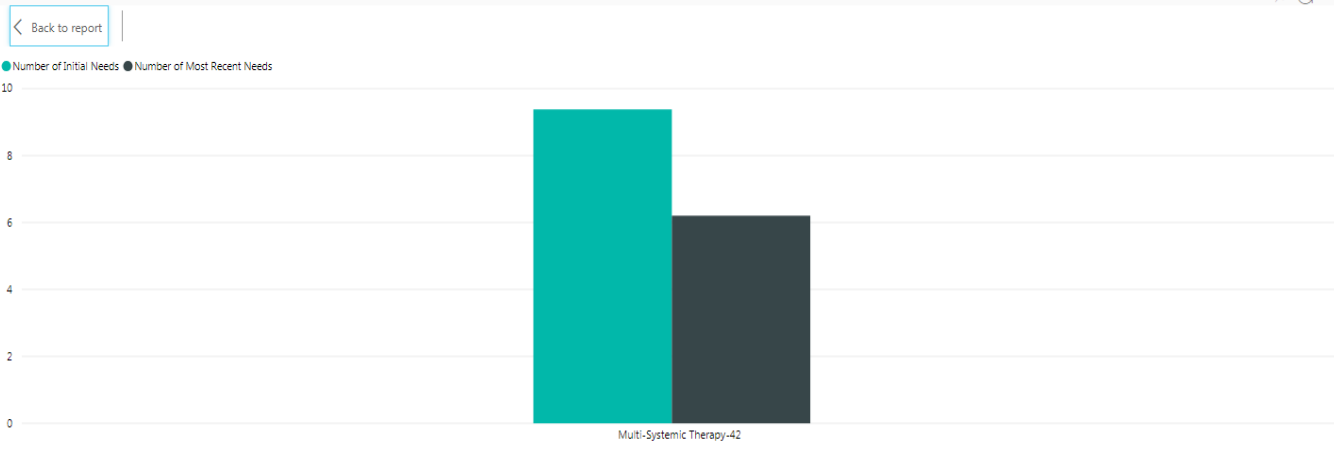


Item	Initial Strengths	Most Recent Strengths	Number of Clients observed
st01-Family	61.33 %	84.00 %	75
st02-Interpersonal	65.33 %	84.00 %	75
st03-Relationship Permanence	84.00 %	89.33 %	75
st04-Educational	61.33 %	81.33 %	75
st05-Vocational	41.33 %	54.67 %	75
st06-Well-Being	45.33 %	81.33 %	75
st07-Optimism	50.67 %	80.00 %	75
st08-Spiritual/Religious	36.00 %	50.67 %	75
st09-Talents/Interests	54.67 %	66.67 %	75
st10-Inclusion	48.00 %	77.33 %	75
st11-Resiliency	56.00 %	86.67 %	75
st12-Resourcefulness	61.33 %	80.00 %	75

Get Data



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- My Workspace



FILTERS

subunit_name_slicer	Number of Initial Needs	Number of Most Recent Needs	Number of Clients observed
Multi-Systemic Therapy-42	9.38	6.20	108

Get Data

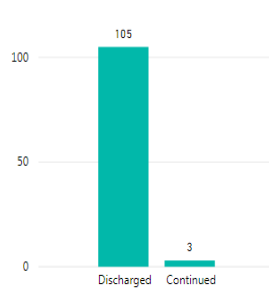


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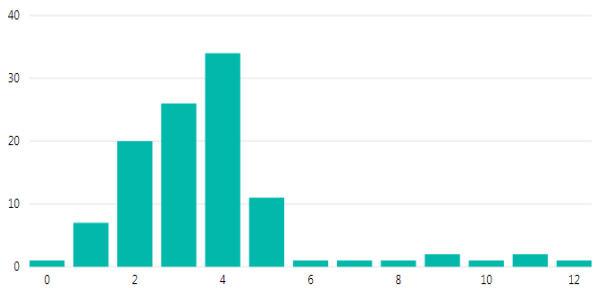
Number of Clients by Gender



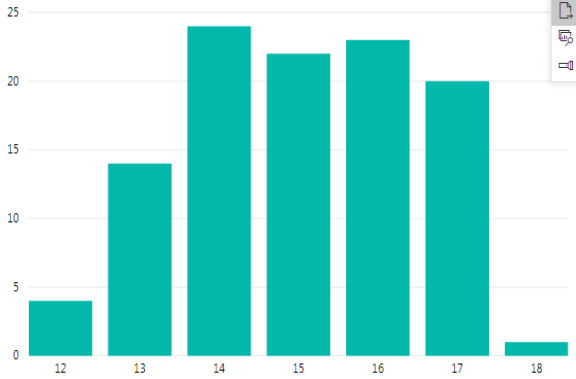
Number of Clients by Discharge Status



Number of Clients by Length of Stay in Months



Number of Clients by Age at Start



Unit Name-ID (Scroll)

- Export data
- Show data
- Spotlight

Server Name (Last, First)

- BOMERSBACH, CAROLENA
- BRZEZINSKI, CARLY
- BURRELL, SHAYONNE
- COOK, MEAGAN
- GIANGIORDANO, LAUREN

Age at Start

- 12
- 13
- 14
- 15
- 16
- 17
- 18

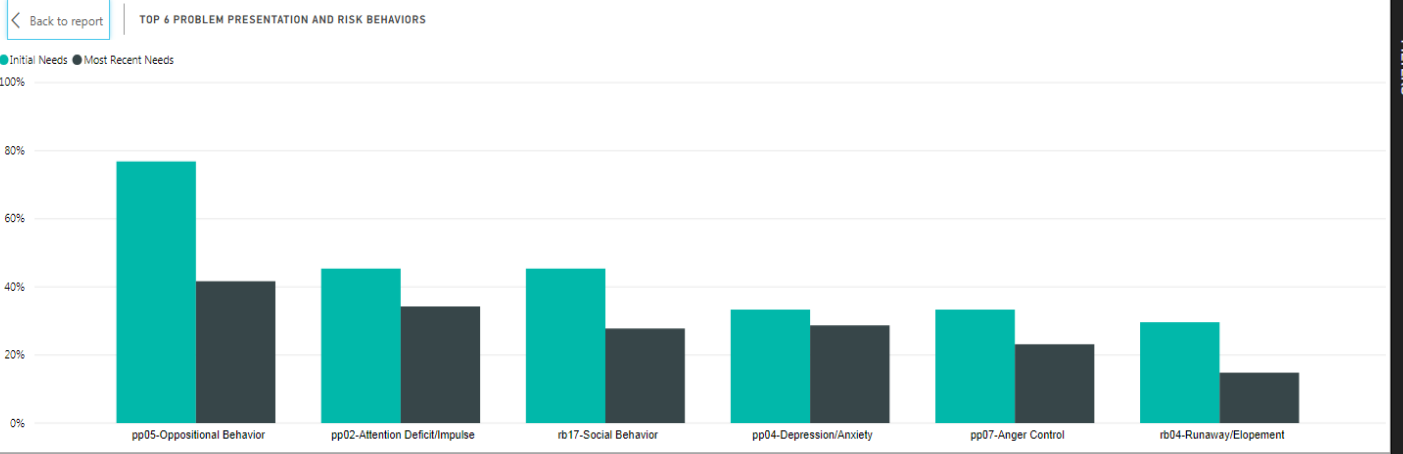
Subunit Name-ID (Scroll)

- Extended Assessment Service...
- Family First-27
- Multi-Systemic Therapy-42
- Outpatient Services-45
- PCIT-70

Date of Start of Treatment

11/9/2015 2/27/2019

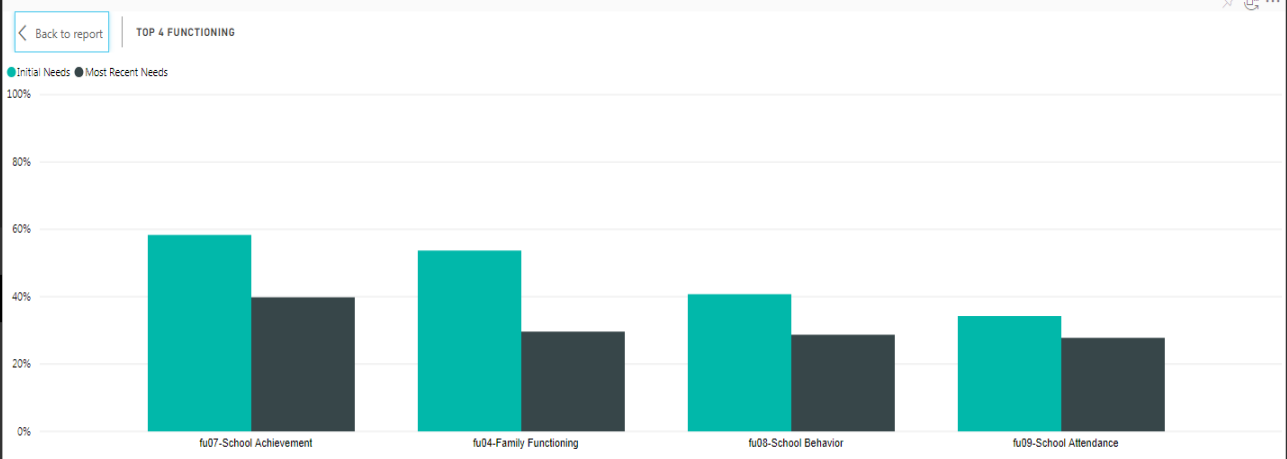
- Home (preview)
- Favorites
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- Shared with me
- Workspaces
- My Workspace



Item	Initial Needs	Most Recent Needs	Number of Clients observed
pp05-Oppositional Behavior	76.85 %	41.67 %	108
pp02-Attention Deficit/Impulse	45.37 %	34.26 %	108
rb17-Social Behavior	45.37 %	27.78 %	108
pp04-Depression/Anxiety	33.33 %	28.70 %	108
pp07-Anger Control	33.33 %	23.15 %	108
rb04-Runaway/Elopement	29.63 %	14.81 %	108



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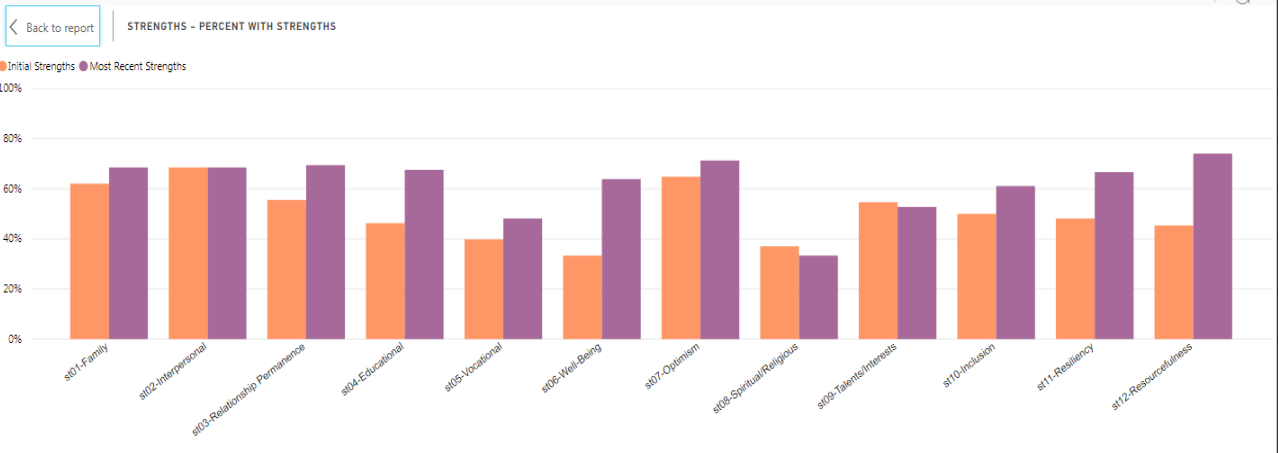


Item	Initial Needs	Most Recent Needs	Number of Clients observed
fu07-School Achievement	58.33 %	39.81 %	108
fu04-Family Functioning	53.70 %	29.63 %	108
fu08-School Behavior	40.74 %	28.70 %	108
fu09-School Attendance	34.26 %	27.78 %	108

Get Data



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Item	Initial Strengths	Most Recent Strengths	Number of Clients observed
#t01-Family	62.04 %	68.52 %	108
#t02-Interpersonal	68.52 %	68.52 %	108
#t03-Relationship Permanence	55.56 %	69.44 %	108
#t04-Educational	46.30 %	67.59 %	108
#t05-Vocational	39.81 %	48.15 %	108
#t06-Well-Being	33.33 %	63.89 %	108
#t07-Optimism	64.81 %	71.30 %	108
#t08-Spiritual/Religious	37.04 %	33.33 %	108
#t09-Talents/Interests	54.63 %	52.78 %	108
#t10-Inclusion	50.00 %	61.11 %	108
#t11-Resiliency	48.15 %	66.67 %	108
#t12-Resourcefulness	45.37 %	74.07 %	108

Get Data



# **CANS AND BHRS**

## **Communimetrics Data Group**

Kelly Nardella, Psy.D. and Tom Crotty, Ph.D.

April 25, 2019



# WellSpan Philhaven BHRS

## *Who We Are*

WellSpan Philhaven is central Pennsylvania's most comprehensive behavioral health organization, serving Adams, Dauphin, Lancaster, Lebanon and York counties through 54 programs and 27 care locations.

We offer services for all ages and various levels of care, including inpatient hospitalization, day programs, outpatient counseling, and services in the home, school and community.

### — Behavioral Health and Rehabilitative Services (BHRS)

- Behavioral Specialist Consultation (BSC)
- Mobile Therapy
- Therapeutic Staff Support
- Therapeutic After School Programming
- Summer Therapeutic Activities Programming
- ABA Behavioral Health Consultation (ABA BSC)
- Behavior Technician (ABA supervised)



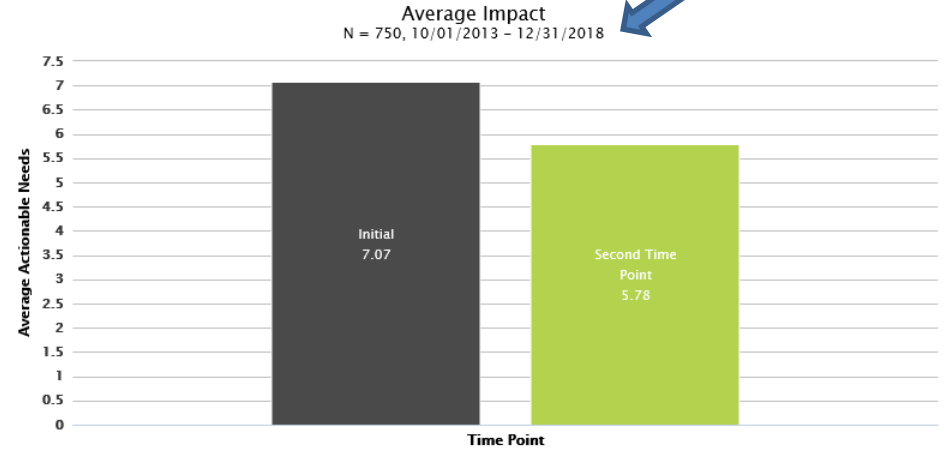
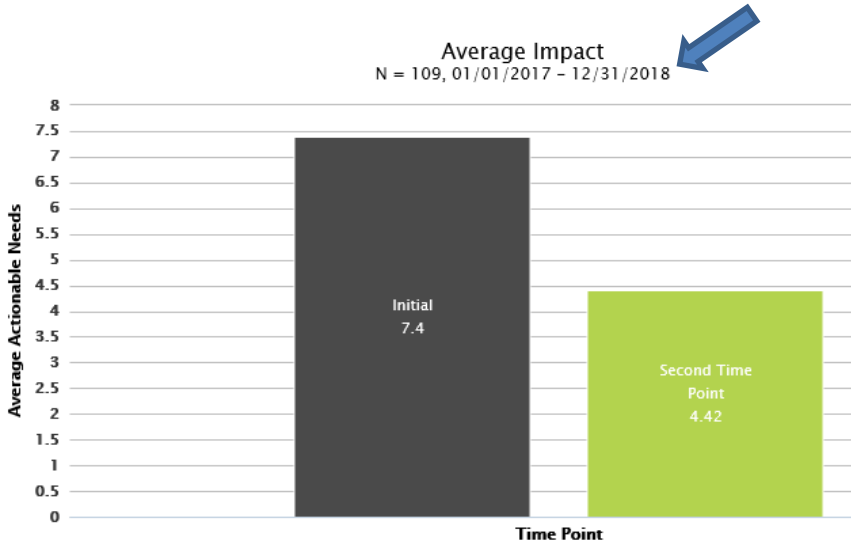
## WSP and Capital Area Behavioral Health Collaborative (CABHC)- CANS

- **October 2013**-Included in in best-practice evaluations (BPE) for BHRS as part of initial CDR CANS pilot
  - Since which time, CANS completed as part of every BPE across all 4 counties
- **January 2018**- MT/BSCs began completing “discharge” CANS
- **March 2018- January 2019**- review of quarterly outcomes targets measuring change from “initial” to “discharge” CANS , utilizing WSP BHRS program data exported from CDR CANS portal and analyzed by WSP admin staff
- **March 2019**- CDR added “end date” filter to web-based app, which allowed our program to begin considering shifting internal QI/outcomes analyses to web-based programming via Praed Standards Report Suite
- *Throughout the last 5+ years, WSP BHRS staff have been involved in workgroups, stakeholders meetings, ongoing training, and collaborated with Dr. Warner and CDR staff.*

# What difference are we making?

## Average Impact

Non-ASD only, Initial to Discharge



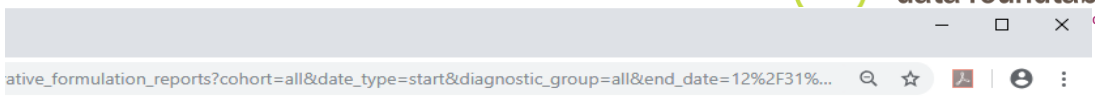
**-1.29**  
Mean Change

The Mean Change is **Significant** at the .05 level. Negative change implies clients have less actionable needs on average by the Second Time point (95% Confidence Interval -1.56, -1.01)

**-2.98**  
Mean Change

The Mean Change is **Significant** at the .05 level. Negative change implies clients have less actionable needs on average by the Second Time point (95% Confidence Interval -3.79, -2.17)

# Who do we serve?



## FILTERS

**Treatment Start Date** Treatment End Date

Between This Date

10/01/2013

And This Date

12/31/2018

- All Lengths of Stays
- Most Recent Assessment
- 2 Most Recent Assessments

Length of Stay

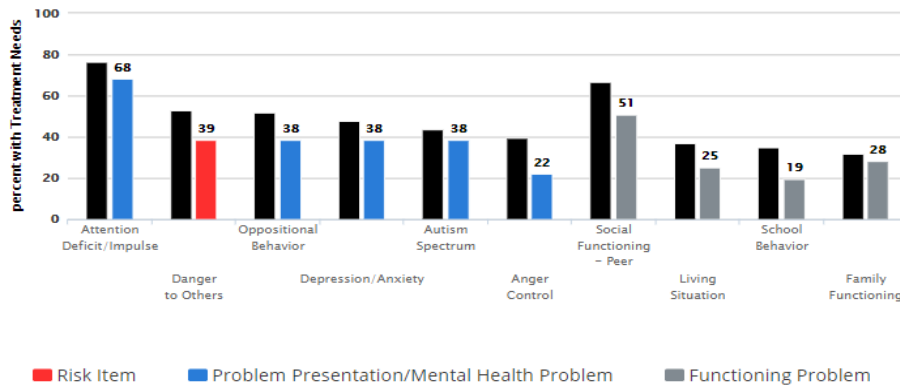
30 Days 36+ Mons.

Time points

Initial through Discharge

## Key Intervention Needs Over Time

N = 1144, For treatments starting between 10/01/2013 and 12/31/2018  
Average Length of Stay: 16 months

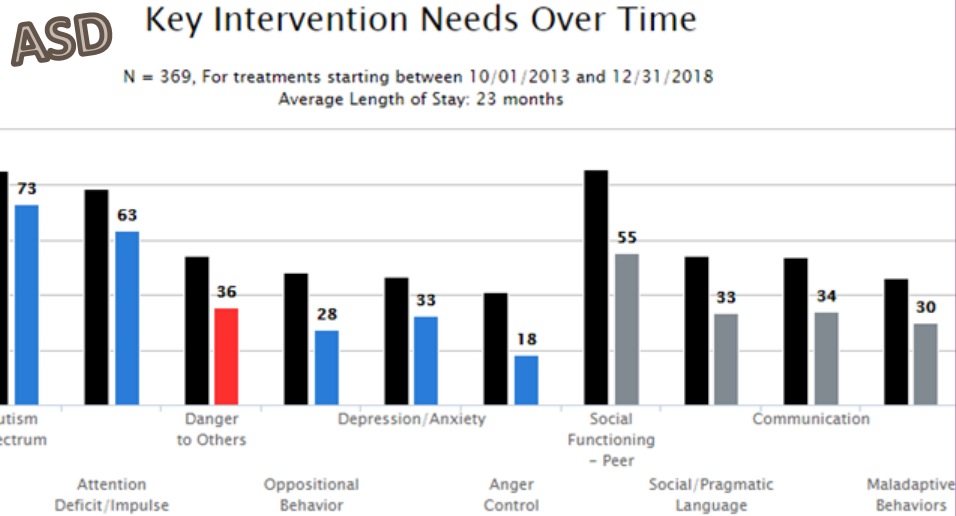
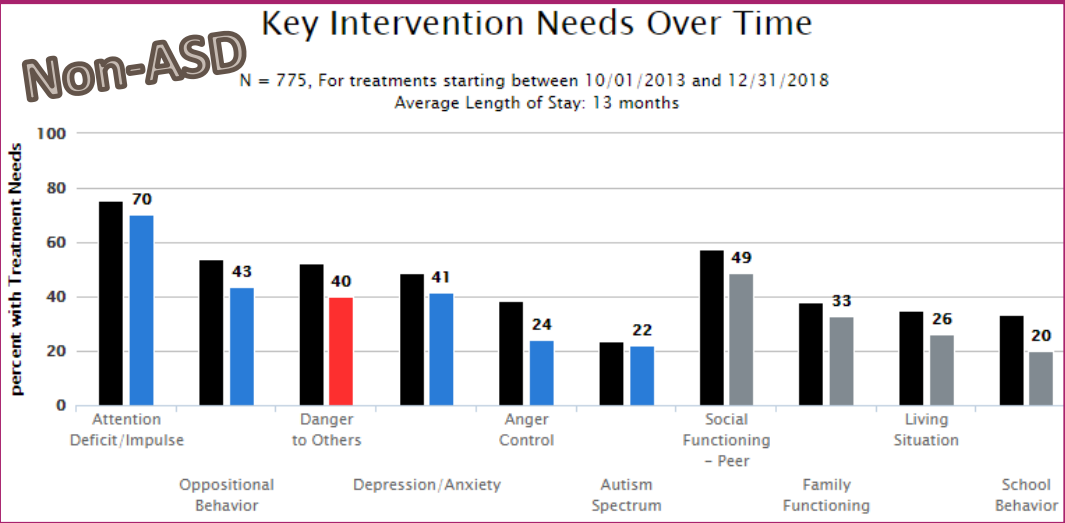


Export CANS



# Who do we serve?

- Risk Item
- Problem Presentation/Mental Health Problem
- Functioning Problem





# What difference are we making??

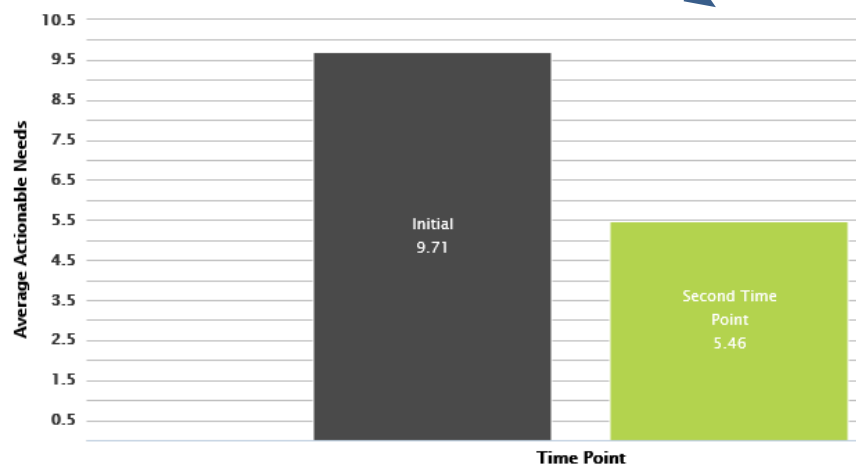
## Average Impact

### All Initial to Discharge



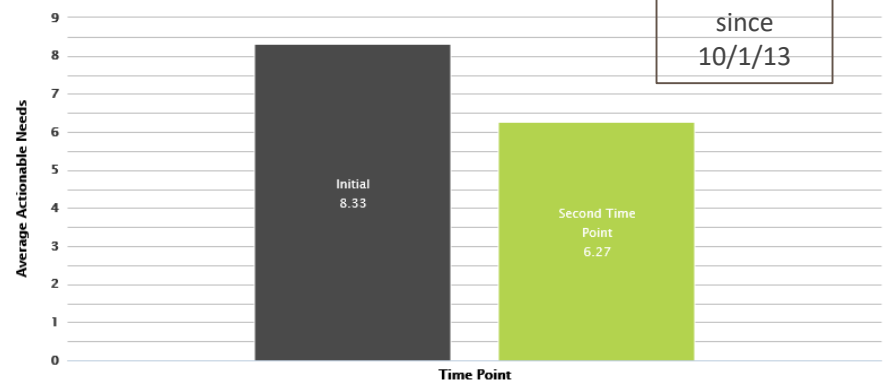
Approx. all 2018 d/c's

Average Impact  
N = 210, 1/1/2017 - 12/31/2018



Average Impact  
N = 1094, 10/01/2013 - 12/31/2018

All d/c's with CANS since 10/1/13



**-2.06**  
Mean Change

The Mean Change is **Significant** at the .05 level. Negative change implies clients have less actionable needs on average by the Second Time point (95% Confidence Interval -2.34, -1.78)

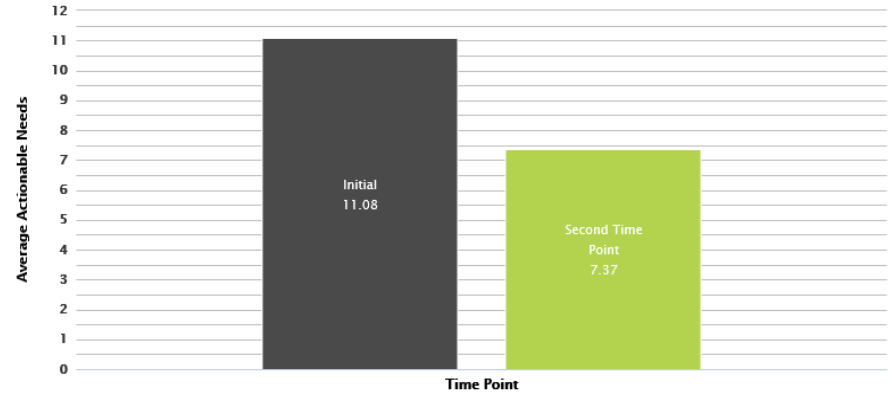
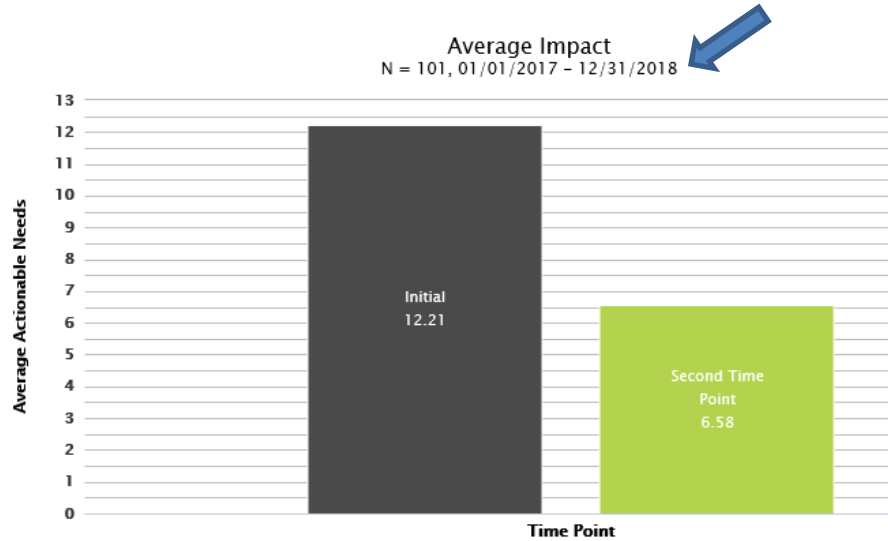
**-4.25**  
Mean Change

The Mean Change is **Significant** at the .05 level. Negative change implies clients have less actionable needs on average by the Second Time point (95% Confidence Interval -4.95, -3.56)

# What difference are we making?

## Average Impact

ASD only, Initial to Discharge



**-3.71**  
Mean Change

The Mean Change is **Significant** at the .05 level. Negative change implies clients have less actionable needs on average by the Second Time point (95% Confidence Interval -4.34, -3.09)

**-5.62**

Mean Change

The Mean Change is **Significant** at the .05 level. Negative change implies clients have less actionable needs on average by the Second Time point (95% Confidence Interval -6.73, -4.52)

## Take Aways and Next Steps...

- Average Impact for both ASD and non-ASD shows decrease in actionable needs from Initial to Discharge that is statistically and clinically meaningful.
- Decrease in percentage of clients for all of the most frequently rated Problem Presentation/Mental Health Problems and Functioning Problems for both ASD and non-ASD clients.
- Key Intervention Needs Over Time highlights both similarities and differences in the ASD and non-ASD populations
- Further “drill-down” into outcomes based on various factors (e.g., Length of stay, etc.) and into identifying who clients are that *are not* showing improvement
- Further distribution of data to consumers (families), clinicians (MT/BSCs) and program managers

