



GRAFTON
INTEGRATED HEALTH NETWORK

A Residential Provider's Journey Towards Measurable Client Success

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Value-Based Contracting Arrangements



OR





What do our key
stakeholders want
from us?

- Efficiency (LOS, Cost, Communication)
- Empiricism (Evidence-Based, Trauma-Informed)
- Impact (Responsiveness to both success and challenges...)

What do we believe, exactly?





Behaviors of Concern

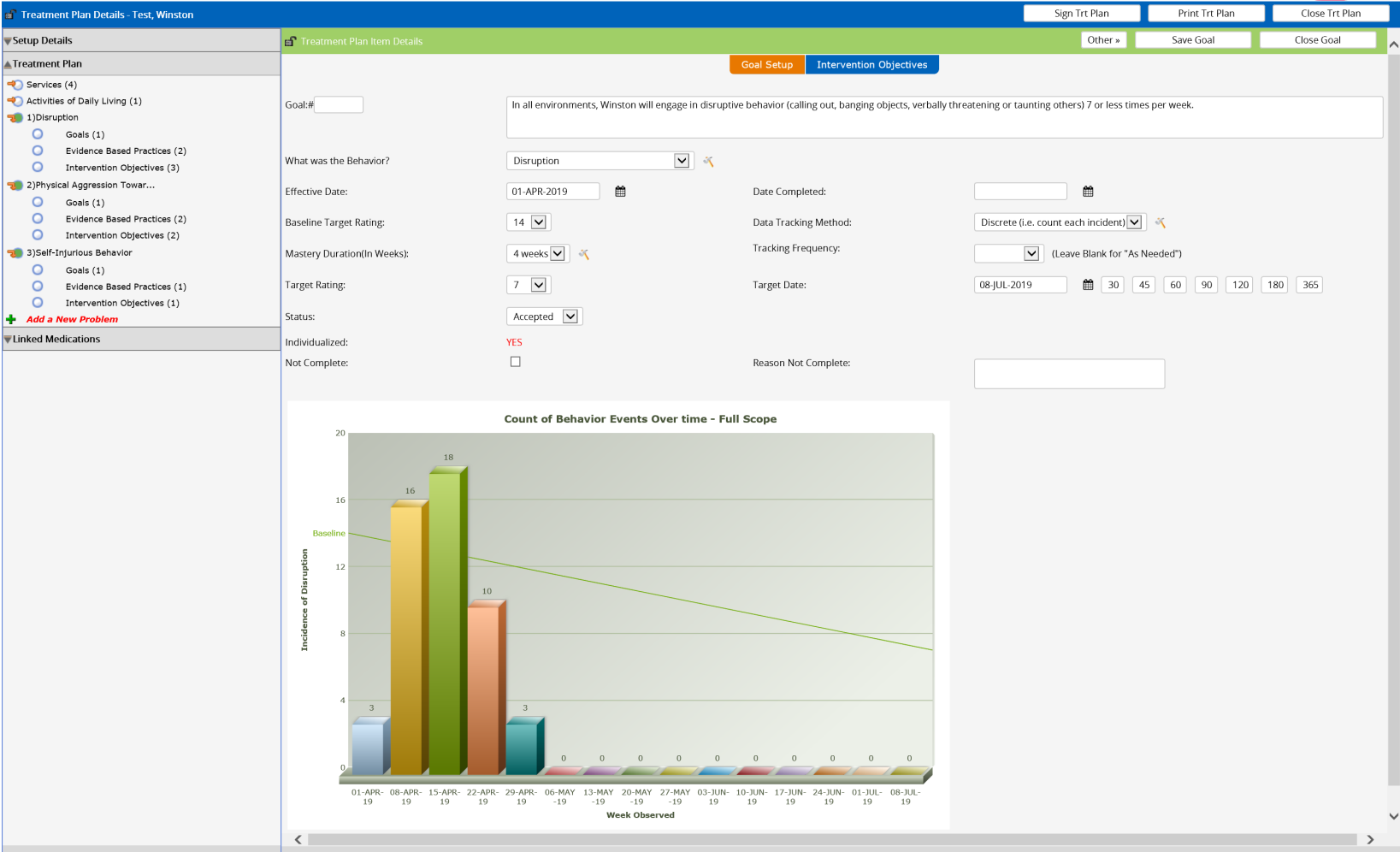
Step One: What
are we supposed
to change, exactly?

- Physical Aggression Towards Others
- Self-Injurious Behavior
- Elopement
- Lack of Safety Awareness
- Disruption
- Property Destruction
- Sexual Acting Out
- Threats of Harm
- Significant Psychological Impairment



Goals

Step Two: How can we measure change?





Evidence Based Treatment

Step Three: How do we effect change?

- Functional Behavior Assessment
- Antecedent Based Interventions
- Response Interruption/Redirection
- Modeling
- Prompting
- Reinforcement
- Naturalistic Interventions
- Differential Reinforcement
- Task Analysis
- Visual Supports
- Social Narratives
- Augmented Alternative Communication
- Discrete Trial Training
- Functional Communication Training
- Cognitive Behavioral Therapy/Interventions
- Mindfulness-Based Therapy
- Dialectical Behavior Therapy
- Motivational Interviewing
- Parent Management Training
- Structural Family Therapy



Interventions Objectives

Step Four: Specifically
how will you apply that
method?

Edit # Intervention Objectives



Winston and their therapist will explore whether the behavior of concern named below may be target for change. This discussion will use motivational interviewing techniques and occur at least twice per week in therapy session. The behavior of concern will be his tendency to disrupt the environment he is in when the demands are difficult for him.

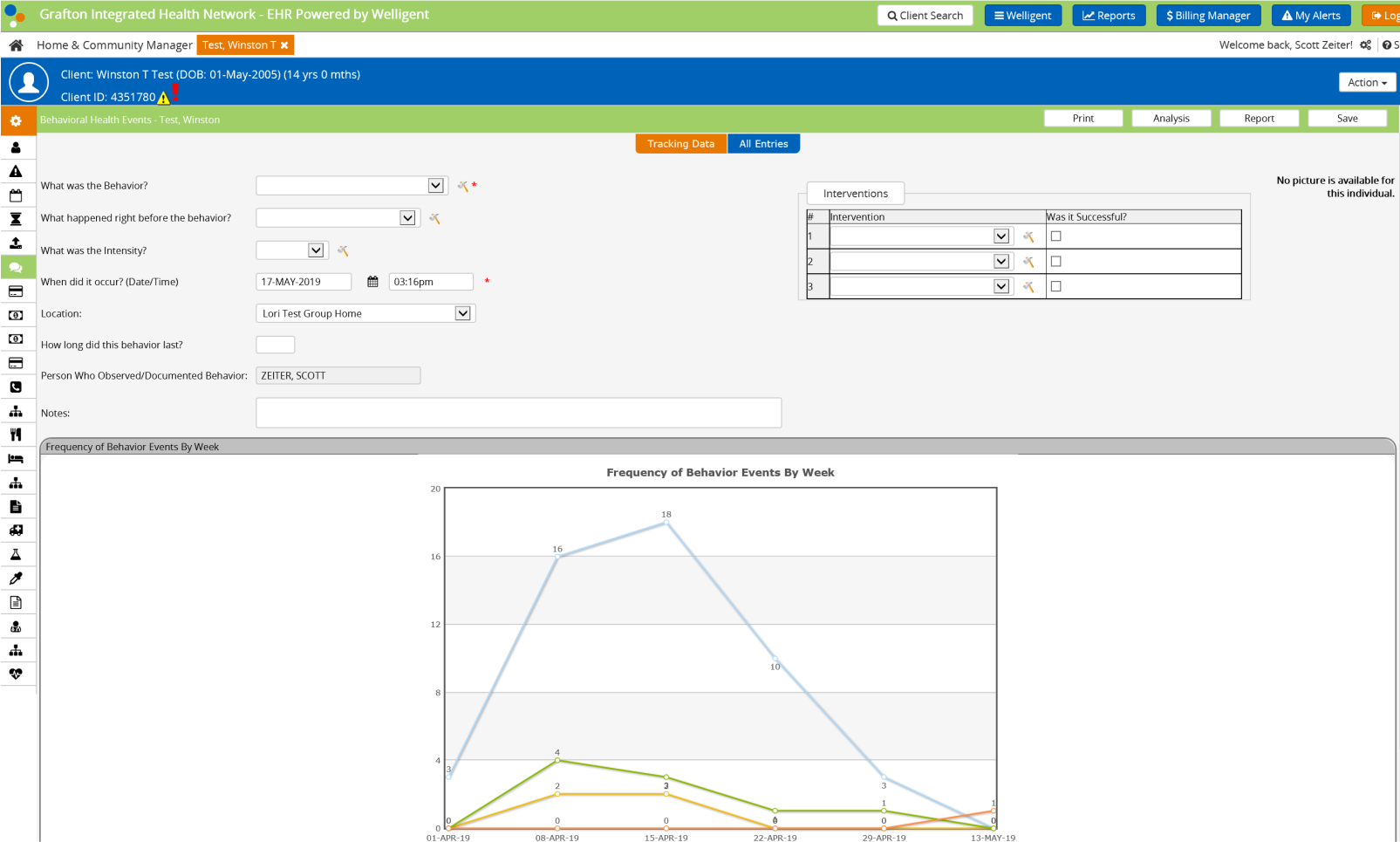


Winston and their therapist will explore the behavior of concern named below and the function it may serve for them. This discussion will use motivational interviewing techniques and occur at least twice per week in therapy sessions. Functions of behaviors will be explored using Avengers characters and vignettes from the movies. The behavior of concern is his tendency to disrupt environments with the demand becomes too strong.



Behavior Data Tracking

Step Five: How do we measure?





Treatment Plan Details - Test, Winston

Sign Trt Plan

Print Trt Plan

Close Trt Plan

Setup Details

- Setup
- Print View (Full)
- Transition Plan
- Problem Summary
- Reviews
- Access Log

Treatment Plan

Linked Medications

Activities of Daily Living:

Activity	Frequency	Type of Support	Start Date	End Date	Notes
Sleep Tracking (Overnight)	Daily	Visual Cue	01-Apr-2019		

Behavior Tracking:

Behavior	Frequency	Type of Support	Start Date	End Date	Notes
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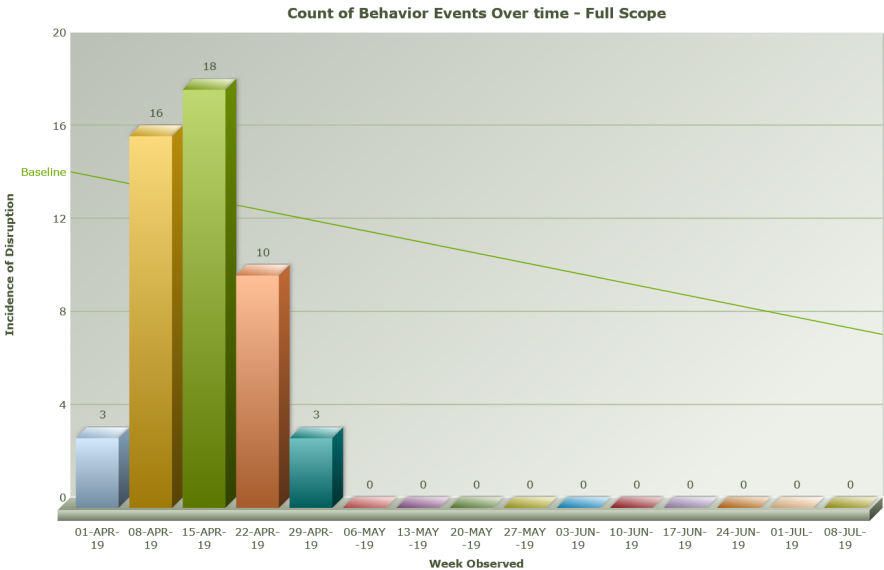
Problem #1:

Disruption

Goal #1:

In all environments, Winston will engage in disruptive behavior (calling out, banging objects, verbally threatening or taunting others) 7 or less times per week.

Effective Date	Date Completed	Target Rating	Target Date	Status	Individualized
01-Apr-2019		7	08-Jul-2019	Accepted	Yes
Baseline Target Rating		Data Tracking Method		Mastery Duration	Tracking Frequency
14		Discrete (i.e. count each incident)		4 weeks	



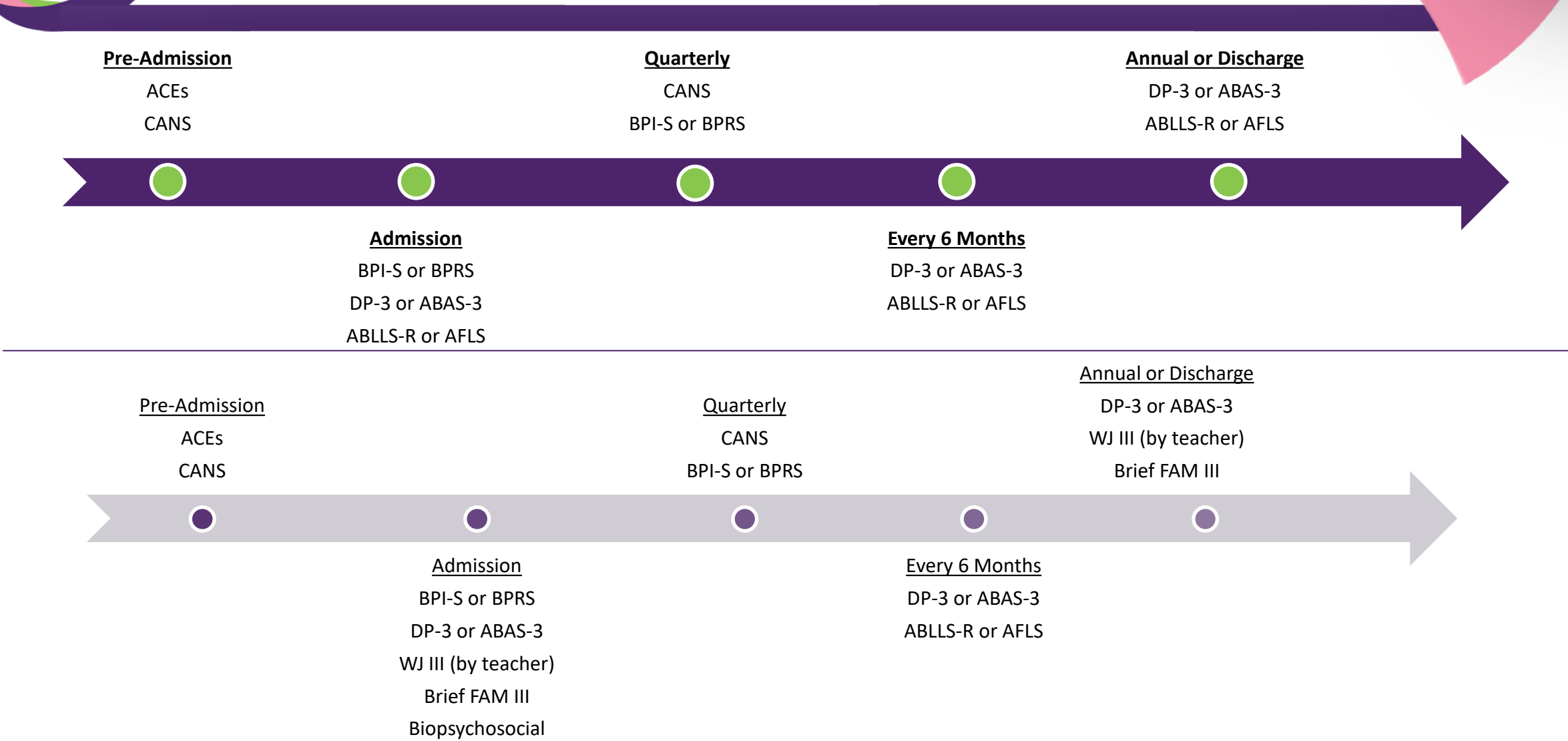
Evidence Based Practice #1:

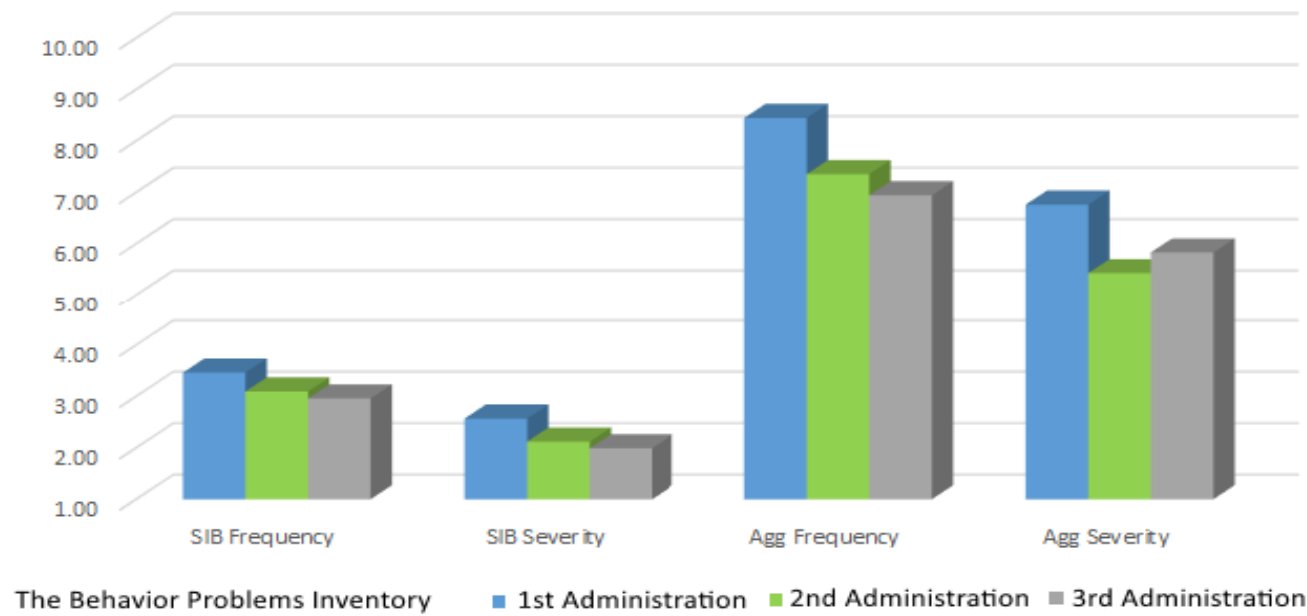
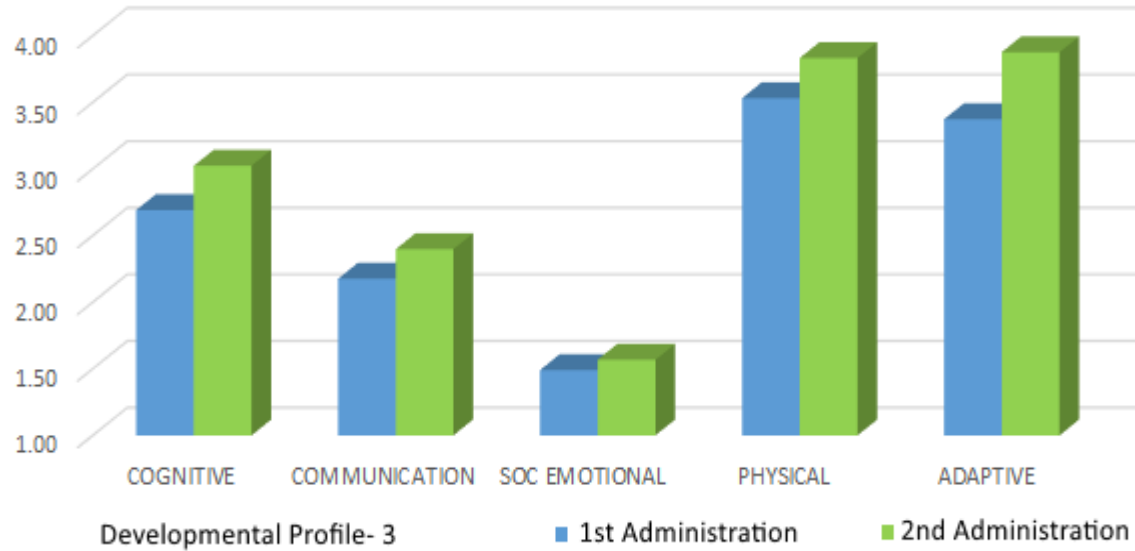
Motivational Interviewing

Effective Date	Date Completed	Target Rating	Target Date	Status	Individualized
01-Apr-2019				Accepted	No

Associated Intervention Objectives:

- Winston and their therapist will explore whether the behavior of concern named below may be target for change. This discussion will use motivational interviewing techniques and occur at least twice per week in therapy session. The behavior of concern will be his tendency to disrupt the environment he is in when the demands are difficult for him.
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The Assessment of Basic Language and Learning Skills©- R

Our Clients

Overall score increase average from 318.05 at first administration to 545.62 at third administration
 Up to 80% growth from prior assessment
 Greatest gains in Receptive Language, Visual Performance, and Social Interaction

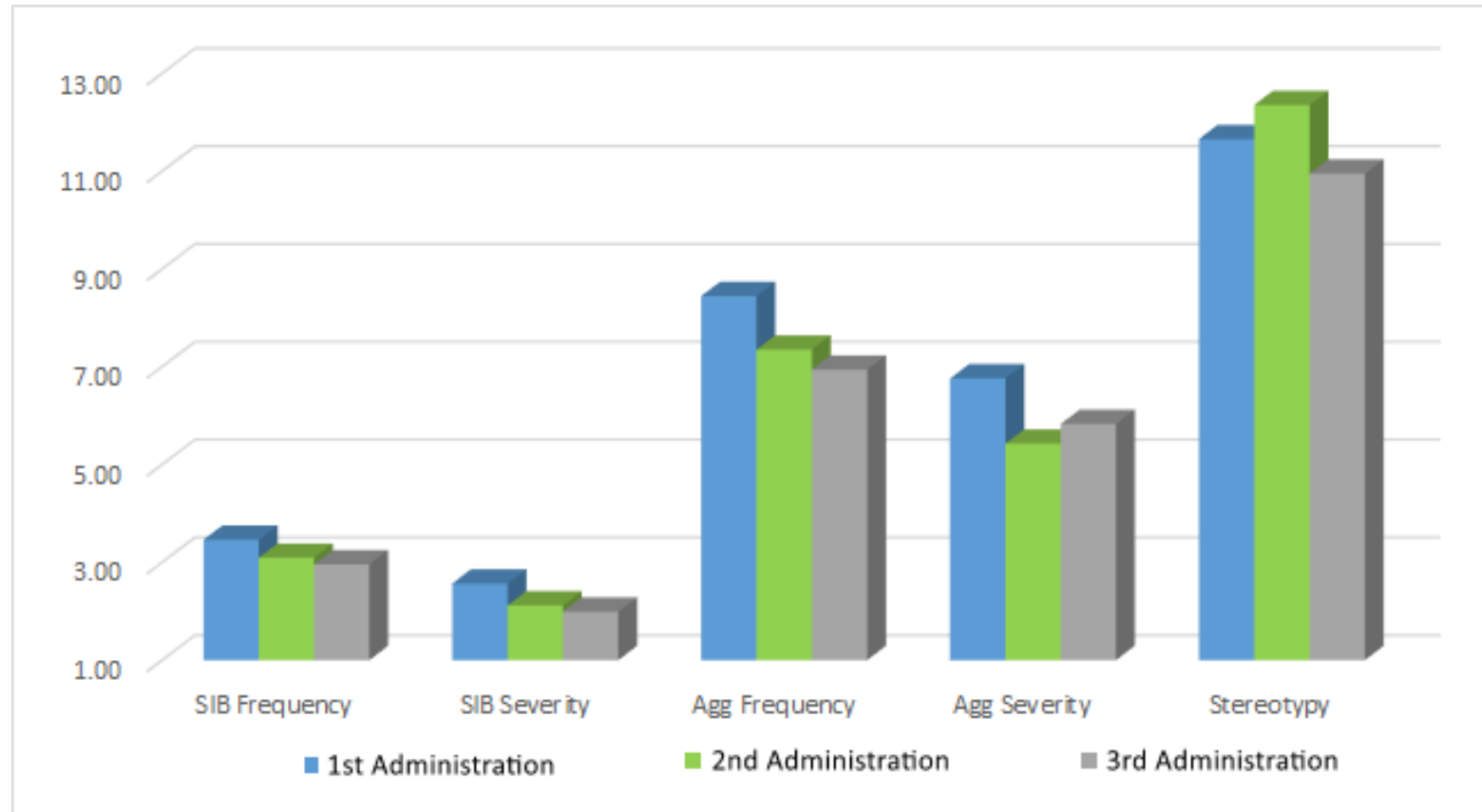
The Assessment of Functional Living Skills © Criterion– referenced, 34 subtest areas

Our Clients

32% growth in overall score
 Greatest gains in Trades and Construction, Tools, Landscaping, Applied Academics, Health and Safety, Warehouse Skills and Bathing



BPI-S© – through three administrations



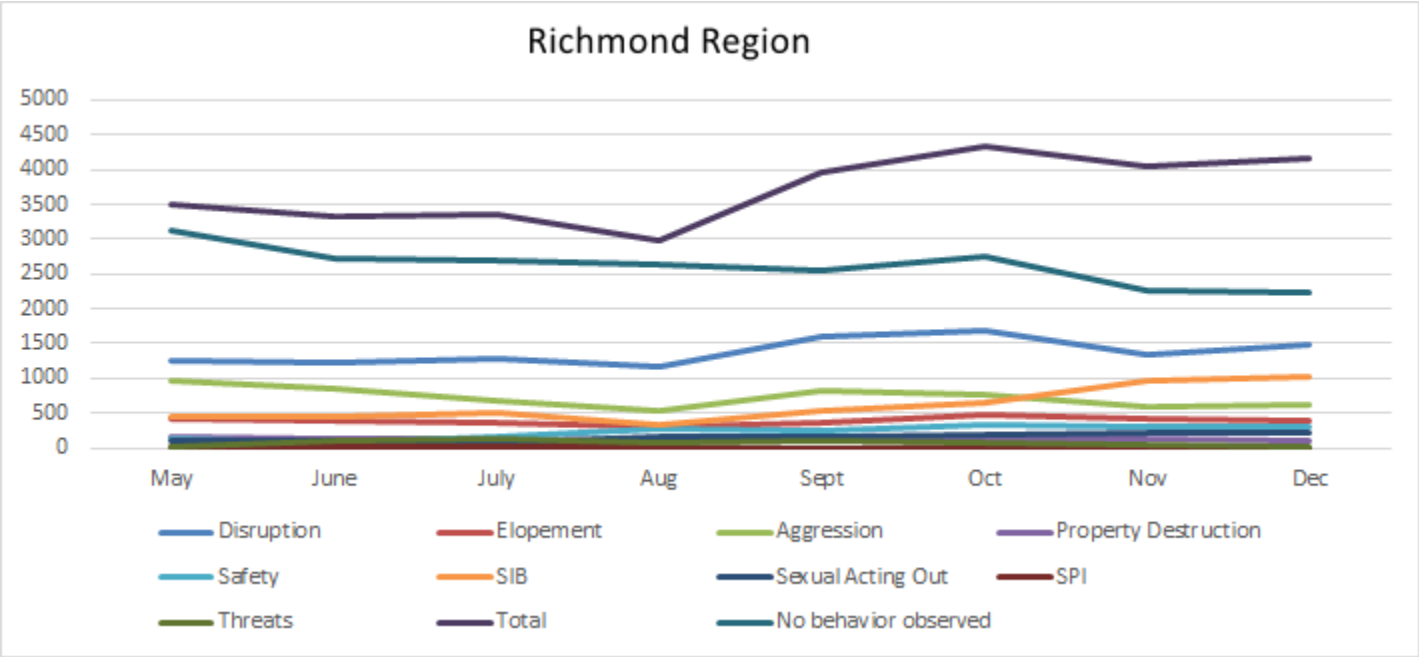
BIG DATA





Lessons Learned From Year One

Our direct care staff will take behavior data...





Lessons Learned from Year One

Clinicians need almost constant oversight to ensure that they are updating treatment plans and responding to goals that are mastered. (Show example of our weekly work)

28-Jan			29-Jan		
Client	Goal	Code	Client	Goal	Code
	Discharged			Elopement	Not Mastered
	Disruption	Progress		Physical Aggression	Not on Progress
	SIB	Progress		Property Destruction	Progress
	Physical Aggression	Progress		Disruption	Not on Progress
	Property Destruction	Progress		SIB	Closed
	SPI	Progress		Lack of Safety Awareness	Closed
	Elopement	Progress		Threats of Harm	Mastered (for a long time)
	Physical Aggression	Mastered		Disruption	Mastered
	SIB	Mastered		Physical Aggression	Mastered
	Lack of Safety Awareness	Progress		SIB	Mastered
	Lack of Safety Awareness	Progress		Elopement	Progress
	Physical Aggression	Progress		Elopement	Progress
	Property Destruction	Progress		Physical Aggression	Progress
	Threats of Harm	Progress		Property Destruction	Progress
				Elopement	Progress
				Physical Aggression	Progress
				SIB	Progress



Lessons Learned from Year One

People will begin to go to the actual treatment plan to review process – they engage with the data on a micro level



Lessons Learned from Year One

Its ok to humiliate yourself as long as it is for a good cause...



Lessons Learned from Year One

Good things happen when you get cross-discipline collaboration using evidence based approaches

- Staff will implement the behavior intervention protocol to target self-injury, aggression, and elopement behaviors.
- Give positive attention throughout the day, when he is cooperating or displaying safe behaviors state “thank you for being safe, let’s do something fun”.
- When he is practicing safe behavior, supply him with two options of preferred activities (water play, go on a walk, listen to music).
- Offer frequent walks, breaks, and visits to the sensory room, gym, and calm down room. Always encourage him to request these places using sign or communication book.
- When he follows through with a simple request, provide him with attention immediately and tell him you love how he’s being a good listener.
- Use first-then contingencies (i.e., First we do our work, then we take a break) to clarify expectations. As soon as he completes the first behavior, offer the reinforcement. Do not hesitate or present with more expectations.
- When talking to him, refrain from negative verbal commentary (i.e. “Why are you doing that,” “don’t do that,” “stop”).-Set clear and concise expectations for him at all times and stick to them, use a firm but calm tone of voice when necessary.
- Using small edible reinforcement can help him with non-preferred instructions. Pair the edible reinforcement with social and verbal praise.
- Respond to unsafe behaviors in a neutral tone and language. Avoid having an exaggerated response and used planned ignoring to the best of abilities.
- Planned Ignoring is the action of withholding attention from the behavior of concern and redirecting to the task at hand and/or offering a replacement. Avoid walking away or ignoring his presence. Example, if he is poking his eyes, rather than say “don’t do that” state “you look like you are distressed, would you like to go on a walk or play a game”.
- When talking to him, do not use negative verbal commentary (i.e. “Why are you doing that,” “don’t do that,” “stop”). This may only be appropriate if there is imminent danger, such as walking in front of cars, touching a hot stove, or touching an outlet.-
- Take time to practice grounding exercises such as deep breathing and taking breaks. Don’t be afraid to ask for help when he is presenting with behaviors of concern. Allow him to present with emotional dysregulation without appearing emotionally escalated or concerned. Displays of emotional escalation towards behaviors of concern are reinforcing to him.



Lessons Learned from Year One

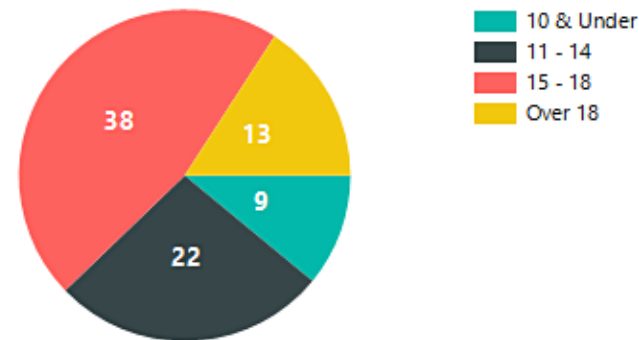
The parents and the MCOs are paying attention



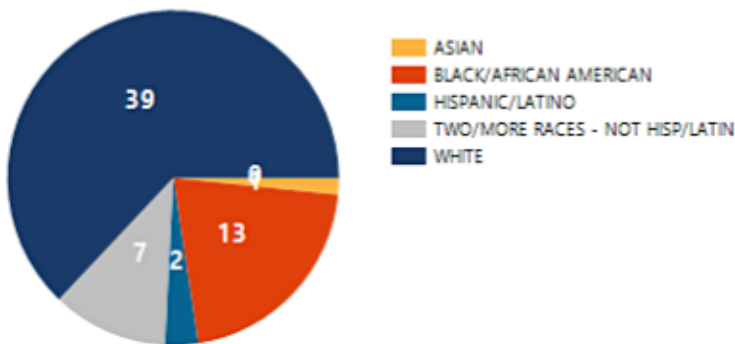


Board Report 1st Quarter

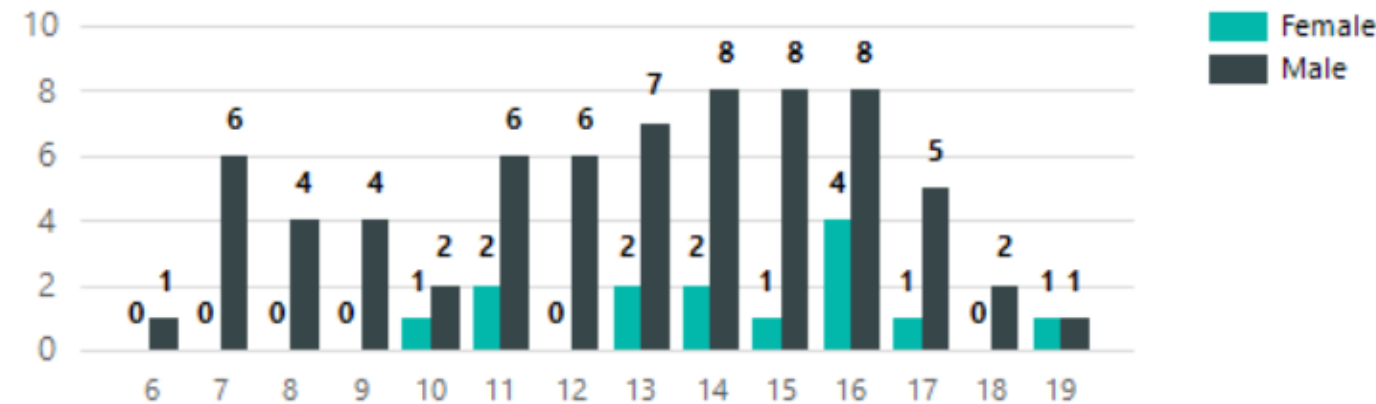
Child Group Home Clients by Age Group



Child Group Home Clients by Race



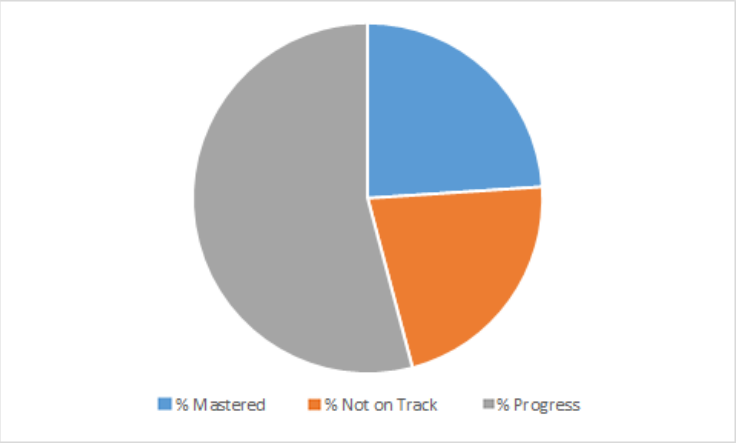
Child Group Home Clients by Age at Admission & Gender





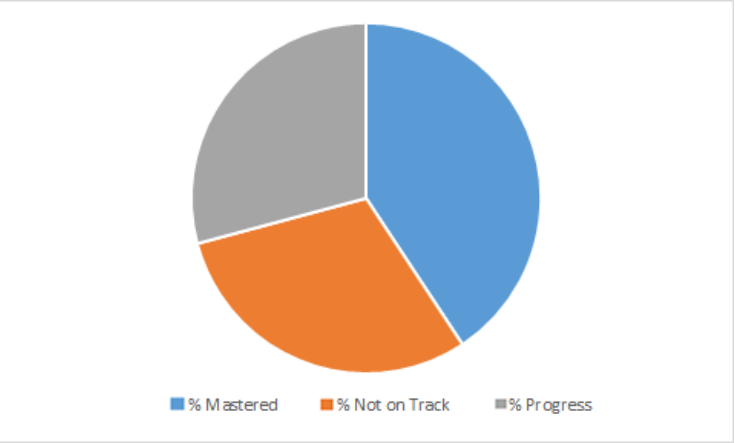
Org Wide Report

Berryville



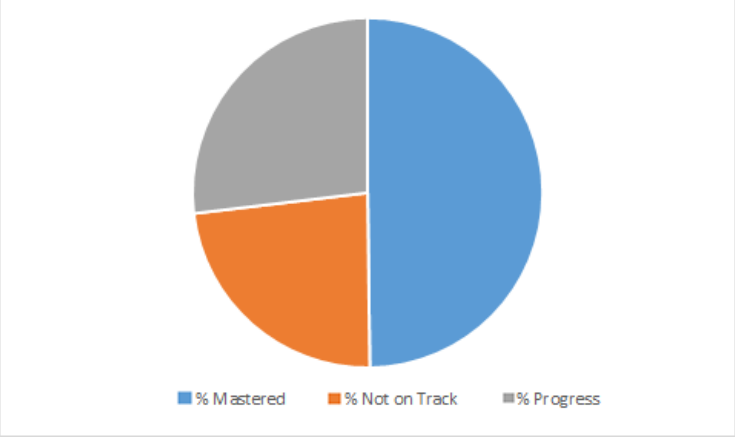
Total #	2997
Mastered #	718
% Mastered	23.96%
Not on Track #	657
% Not on Track	21.92%
Progress #	1622
% Progress	54.12%

Richmond

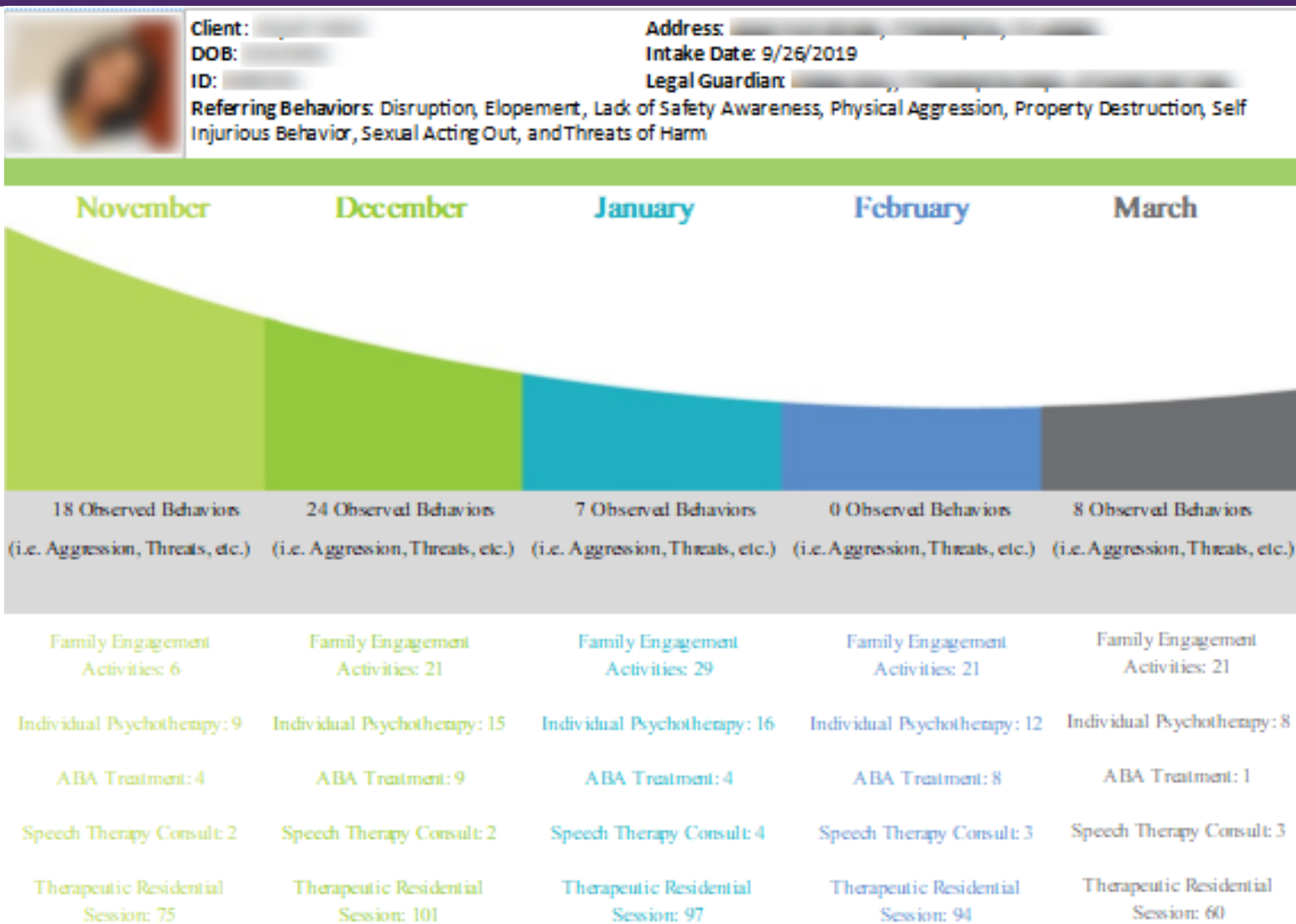


Total #	3159
Mastered #	1283
% Mastered	40.61%
Not on Track #	950
% Not on Track	30.07%
Progress #	919
% Progress	29.09%

Winchester























Total #	5066
Mastered #	2521
% Mastered	49.76%
Not on Track #	1180
% Not on Track	23.29%
Progress #	1361
% Progress	26.87%





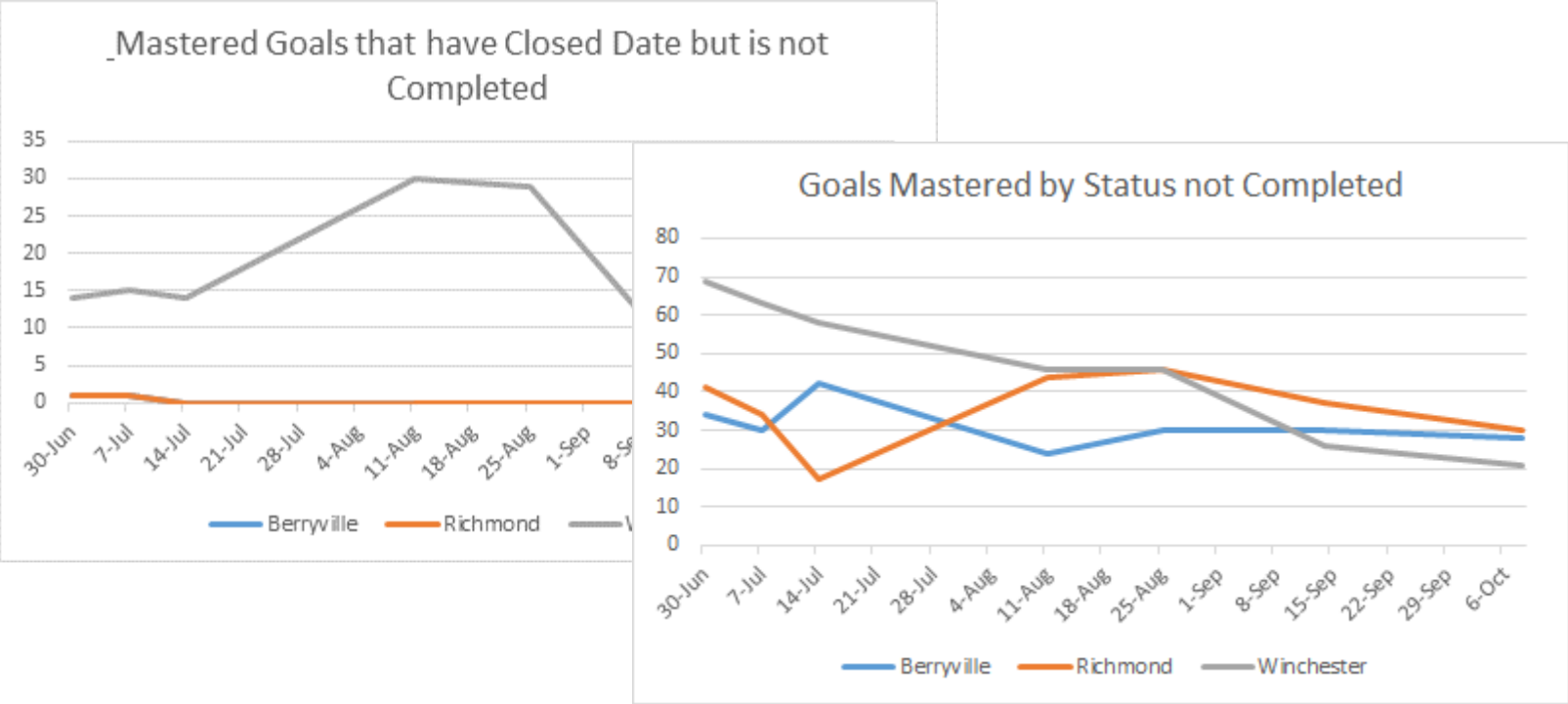
Reports created by data from Welligent

 Active Adult Clients ...	 Active Clients and their regions ...	 Active Clients Not In Bed or Desk ...	 Admits and Discharges by Region and Program ...	 Admitted Client Dataset ...
 Admitted Client Dataset for EI ...	 Adult Client with no Res Note or Home Visit for Prior Week - RICH^ - Keit ...	 Adult Client without Home Visit or Res Note (date picker)^ ...	 Adult Primary Actions for Audit- with Parns ...	 Assessment Data - Biopsychosocial Needed ...
 Assessment Data - DP-3 (w converted months) ...	 Audit - Active Clients Not Marked as Intake Comple ...	 Audit - Character Count^ ...	 Audit - Family Engagement - Other Field (Date Picker ...	 Audit - Family Engagement-Other Fld- Prior Wk - TEST for NEW PRIOR WEEK CODE^ ...
 Audit - Keyword for Psychiatric Related Services (date picker)^ ...	 Audit - Keyword^ ...	 Behavior Counts by Type and Location (Date Picker)^ ...	 Behavior Specialists Incentive Data (date picker) ...	 Behavior Tracking Data (Last 4 Weeks)^ ...



Lessons from Year One

- Clinicians (and Clinical Administrators) have their own data needs



Big data mining is not easy...

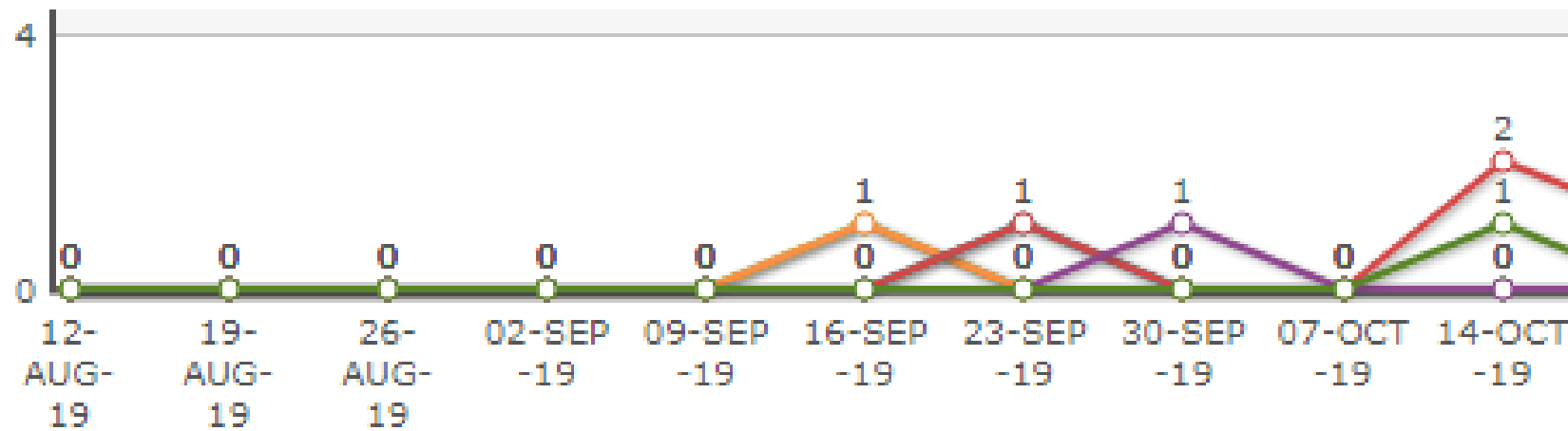


Key Performance Indicator

- By June 30, 2020 we will develop reporting models in the Data Warehouse that illustrate integration of all software databases... Can we use assessment data or behavior data or goal mastery to predict anything regarding the cost of care?



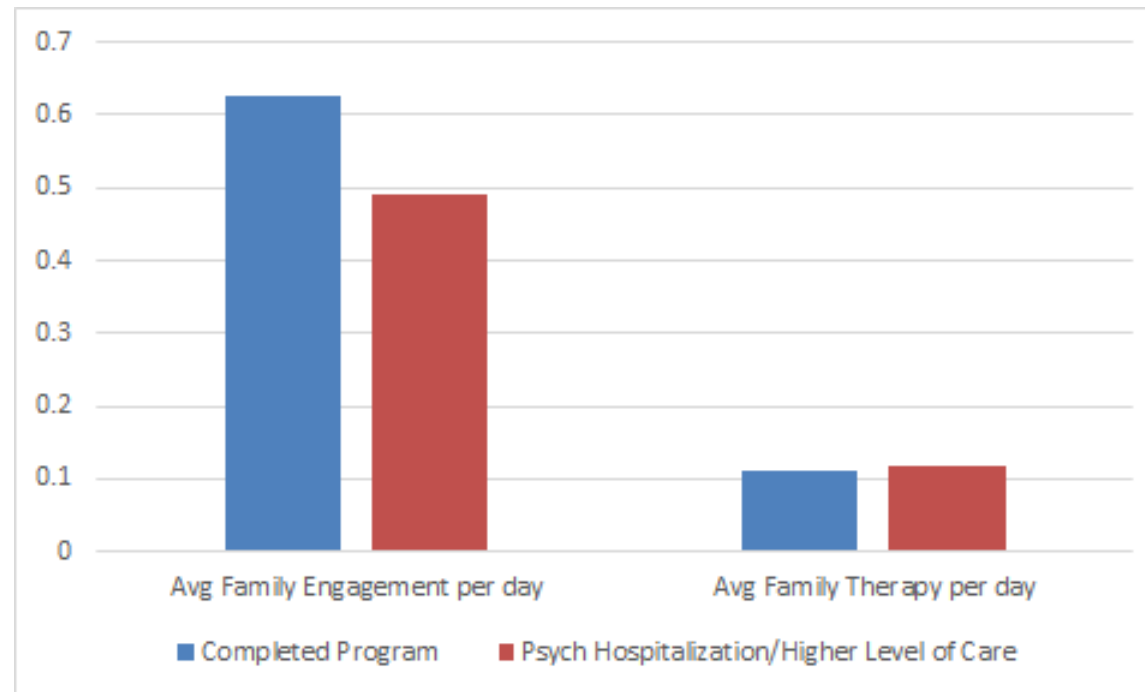
The 'Behavioral Honeymoon' can be observed





Hypotheses- The data are still not all in, but...

- - Positive discharges at PRT appear to correlate with elevated Family Engagement





What is the impact of COVID-19 quarantine procedures on residential clients? (PRT)

	Disruption	Elopement (Bolting)	Lack of Safety Aware ness	Physical Aggression Towards Others	Property Destruction	Self Injurious Behavior	Sexual Acting Out	Significant Psychological Impairment	Threats of Harm
<input type="checkbox"/> Berryville	17648	6677	1711	4538	899	624	3911	557	1831
<input type="checkbox"/> 2019									
Oct	1683	589	138	369	61	54	427	23	127
Nov	1595	527	144	348	62	57	334	47	107
Dec	2111	761	264	464	92	56	449	125	213
<input type="checkbox"/> 2020									
Jan	2224	849	195	509	103	52	484	130	232
Feb	1867	725	255	494	94	44	489	32	253
Mar	1827	918	215	708	163	78	441	50	291
Apr	1418	949	185	751	127	51	365	49	309

What is the impact of COVID-19 quarantine procedures in the group homes?

Row Labels	Disruption	Elopement (Bolting)	Lack of Safety Aware ness	Physical Aggression Towards Others	Property Destruction	Self Injurious Behavior	Sexual Acting Out	Significant Psychological Impairment	Threats of Harm
Winchester	16291	1857	1364	13097	1947	7768	611	500	598
2019									
May	1270	164	115	1193	316	982	81	27	57
Oct	1531	206	207	1399	195	575	51	105	62
Nov	1174	148	99	873	100	345	39	150	41
Dec	1117	159	88	905	110	431	42	53	53
2020									
Jan	1343	163	105	1072	138	485	69	15	57
Feb	1477	168	122	1097	137	613	72	19	44
Mar	1549	146	113	1371	153	877	33	10	20
Apr	1275	83	125	1142	184	1212	31	6	24



Self-Criticism





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