





Welcome to the 2020 HCBS Conference





Therap's Data Analytics: Outcome Measurement for Value Based Performance Evaluation

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Barry Pollack
Southeast Region &
Government Business
Development Director



Jason Laws

Business

Development &

Business Intelligence

Team Lead



National Leader in the Industry

- 7,000+ Providers
- Over 400,000 Users
- Over 500,000 Individual Records



- Extensive experience in working with Multi-State Agencies and their complexities, Supporting 60+ Multi-State Organizations
- Serving organizations in 50 states
- State contracts currently with more than 20 states across the US
- 10 States with Statewide Incident Management
- Recognized by CQL, CARF, ANCOR, UCP, The Arc, APSE, NEVVA, NASDDDS, ADvancing STATES and State Provider Associations across the U.S.

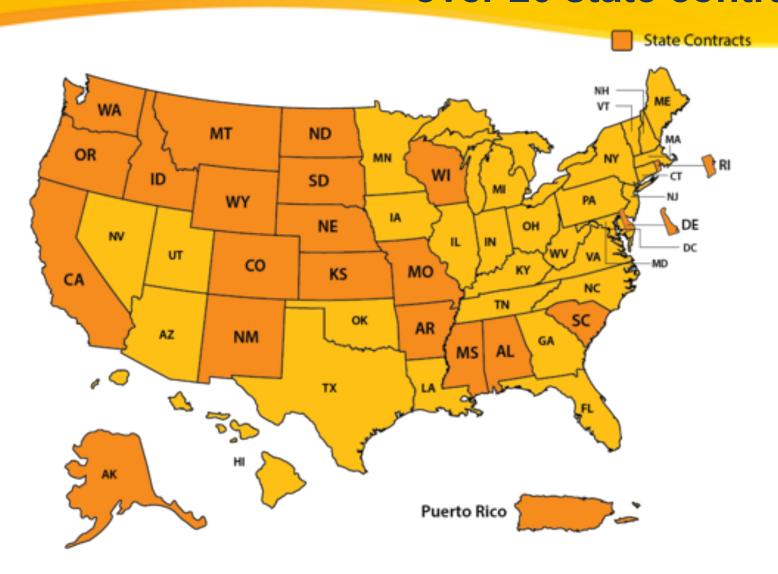


Overview & Experience

- Therap was founded in 2003.
- First State contract was established in 2005.
- Today, Therap has many state contracts with varying degrees of Therap's comprehensive modular solution used for state medicaid and other programs.
- Therap continues to support every statewide contract it has been awarded and has maintained or increased the functionality that each state is utilizing.
- Therap has extensive experience with interfaces and integrations with multiple systems and continues to transfer both legacy state systems and other previously purchased third party vendor systems into a Therap environment.



Users in all 50 states and over 20 state contracts



Users in all 50 states and over 20 state contracts



Therap with State I/DD Agencies

Therap provides services to over twenty state government ID systems of care.

Alabama

- Division of Developmental Disabilities
- Autism Services
- Mental Health and Substance Abuse Services

Alaska

 Department of Health and Human Services, Seniors and Disabilities Services

Arkansas

Division of Developmental Disabilities
 Services

California

- o DDS
- Far Northern Regional Center
- Kern Regional Center

Colorado

o Division of Regional Center Operations

Delaware

o DDDS

Idaho

- Kids CM
- Crisis
- SWITC

Kansas

KNI

Mississippi

 Department of Mental Health (IDD, MH, A & D)

Missouri

State Run Community Services

Montana

Developmental Disabilities Services

Nebraska

 Division of Developmental Disabilities, Aging and Disabled Waiver



Therap with State I/DD Agencies

Therap provides services to over twenty state government ID systems of care.

State Contracts

- New Mexico
 - Developmental Disabilities
 Supports Division
- North Dakota
 - Developmental Disabilities Division,
 - Aging Services Division
- Oregon
 - ODDS State Programs
 - ODDS Children's Case Management
- Puerto Rico
 - Division of Services for People with Intellectual Disabilities (DSPDI)
- Rhode Island
 - BHDDH, Developmental Disabilities Division

South Carolina:

- Department of Disabilities and Special Needs
- Department of Health and Human Services, BabyNet
- South Dakota
 - Division of Developmental Disabilities
 - LTSS Aging Services
- Washington
 - Developmental Disabilities
 Administration: SOLA
- Wisconsin
 - State Centers
- Wyoming
 - > WLRC





Therap's Data Analytics:

Outcome Measurement for Value Based Performance Evaluation

Harnessing the Power of Service Data/Documentation



Service Documentation - Today

What is it?

- Daily Activities
- Goal/Outcome Tracking
- Incident Reporting
- Health Related Information

How it's (largely) been used historically

- Compliance
- Internal Assessment of Activities
- Quality Assurance



Service Documentation - Our Philosophy

- Data should be collected as close to the point of service as possible
- Quality documentation is more valuable than documentation that only meets the requirements for auditing purposes. Quality in addition to Compliance
- Highly accurate documentation enhances communication, engenders trust, and leads to quality outcomes.



What is Needed Going Forward

- Demonstrate alignment with Value Based Reimbursement structures
- Agencies will be able to distinguish themselves through use of quantitative measures of performance rather than simply compliance measures
 - Demonstration of performance during state/regional/ accreditation review processes
 - States/Agencies will be able to utilize this information to better support the individuals they serve



How do we do it?



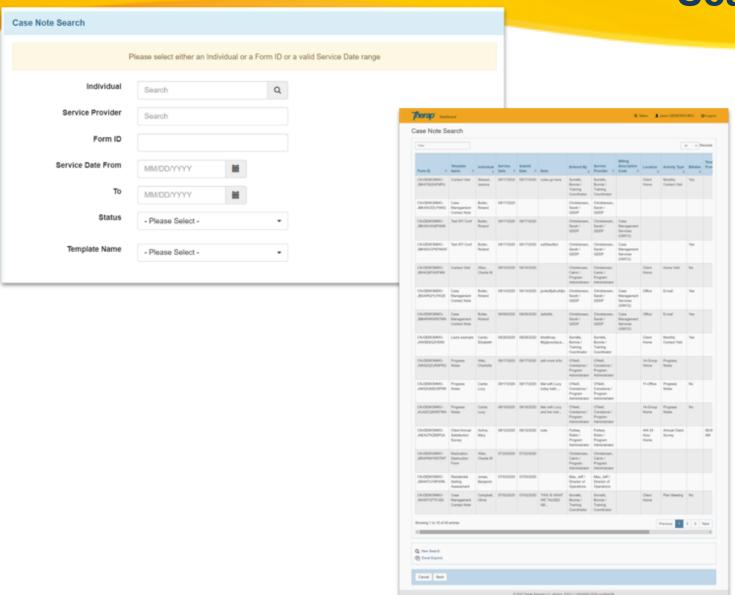


- In-Module Searches/Reporting
- GER/BER Event Summaries
- Report Library
- Custom Reports
- Business Intelligence

** Each option available at provider, case management, and state/regional level

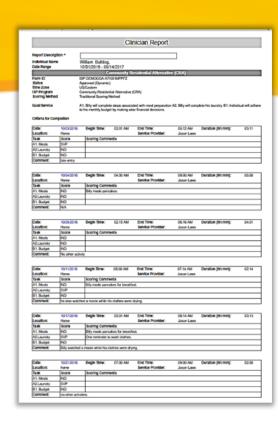


In-Module Reports - Searches

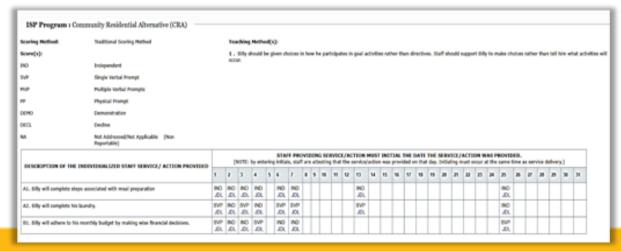




ISP Data Reports









Report Library

Search Reports						
Report Name:	eligibility					
Report Description:						
Input Tags:						
,						
	Search Show All					
	16 items found, displaying 1 to 15. [First/Prev] 1, 2 [Next/Last]					
	Report Name					
	DEMO-ND:: Diagnosis Report for Denied and Withdrawn Eligibility					
	DEMO-RI :: Eligibility – Applicant					
	DEMO-RI:: Report on Eligibility Data					
	DEMO-RI::Report on Eligibility Data with checklist					
	DEMO-RI::Report on Eligibility Data with Diagnosis					
	DEMO-AR::Inactive Record Report					
	DEMO-SC :: Alerts and Reminders Report for Eligibility					
	DEMO-SC :: Eligibility Data with Oversight ID					
	DEMO-SC :: Eligibility Expiry report					
	DEMO-SC :: Eligibility with Discharged Individual					
	DEMO-SC :: Non Approved Eligibility with Effective Date From					
	Individual's Eligibility Report					
	DEMO-SC :: Eligibility report for providers					
	DEMO-RI :: Eligibility Data with Oversight ID					
	DEMO-RI :: Eligibility Expiry Report					



Report Library





Business Intelligence Dashboards

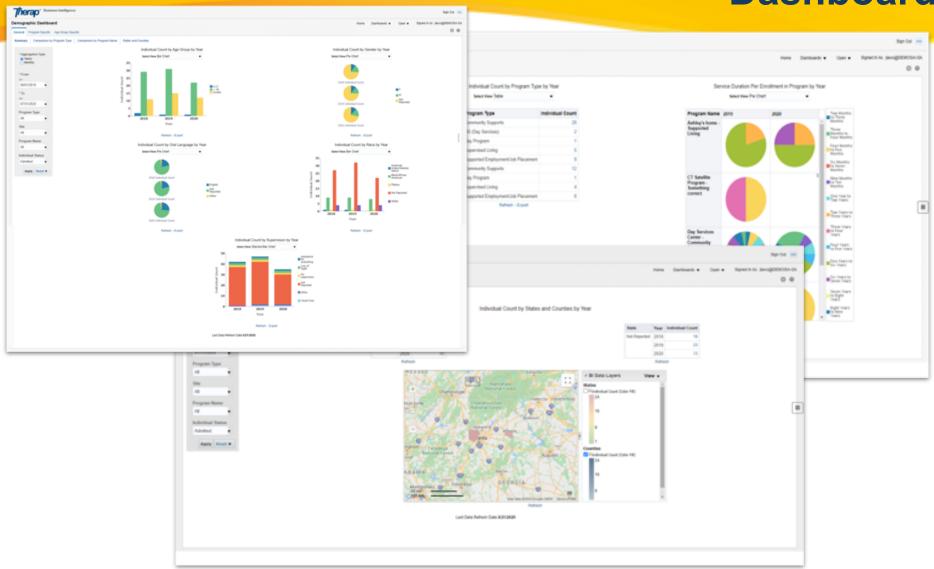


Business Intelligence Dashboards

- Platform for aggregating state/agency-wide data and serving nearly real time ad-hoc reports for various modules
- Purpose is to create meaningful reports and dashboards using Oracle Business Intelligence (OBIEE) that are not available in Therap's primary application due to volume of data/queries and individual nature of data collection
- Data from primary application is fed into the BI tool for aggregation/reporting so as not to interfere with day to day operation of the primary application



Demographic Dashboard





GER Dashboard



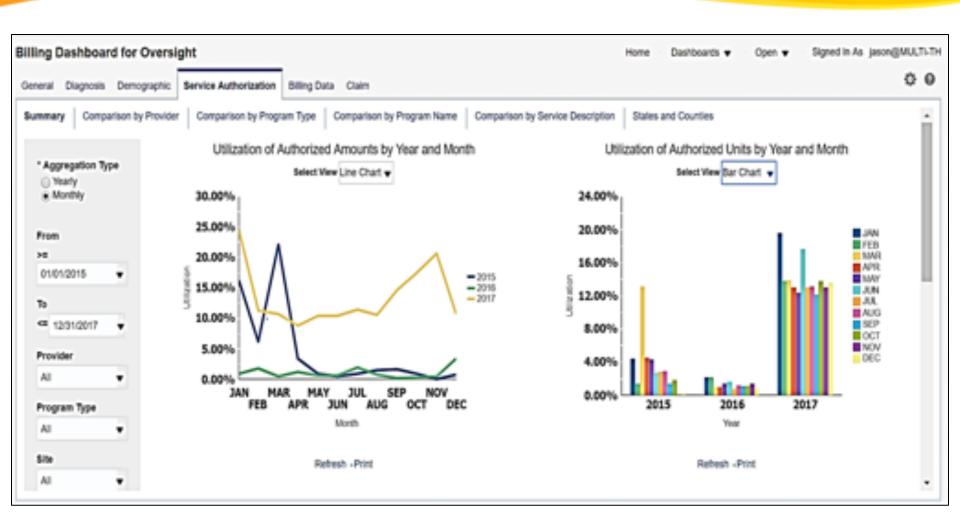


Health Tracking Dashboard



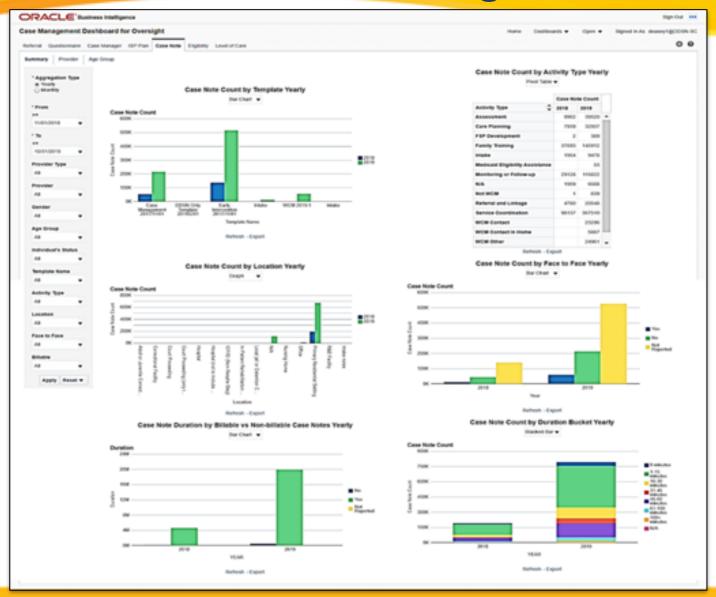


Billing Dashboard





Case Management Dashboard





Data Driven Outcomes (DDO)



Data Driven Outcomes is a module (and associated Business Intelligence Dashboard) that allows agencies/states to identify broad outcome frameworks/domains that they wish to assess across their services, and then use individualized service to assess overall progress/ data performance relative to these broad domains.





Examples of Frameworks...

- CQL Personal Outcome Measures/ Basic Assurances
- National Core Indicators
- Social Determinants of Health





Charting the LifeCourse (CtLC) Domains:

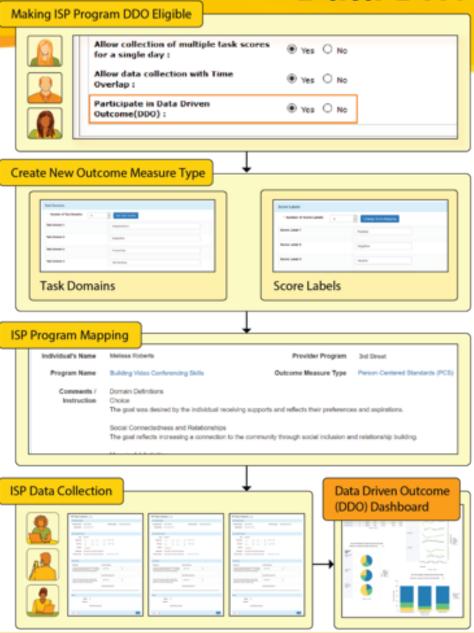
- Daily Life & Employment
- Community Living
- Safety & Security
- Healthy Living
- Social & Spirituality
- Citizenship & Advocacy





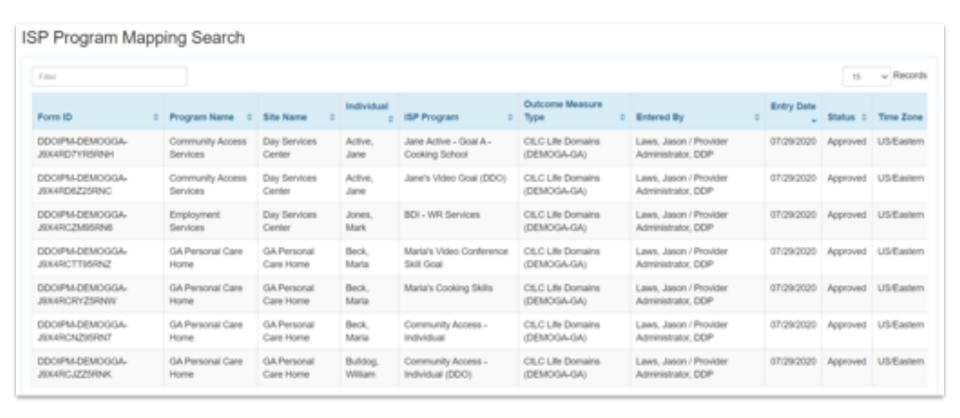
How can we measure performance across multiple, diverse individuals/providers/programs to show overall performance in supporting Outcomes?



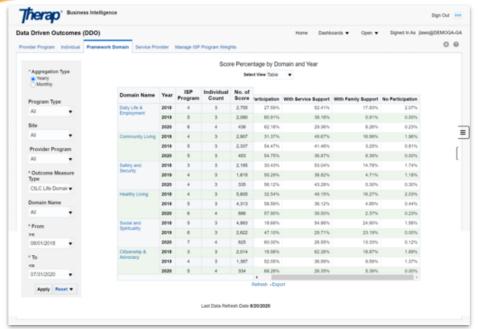




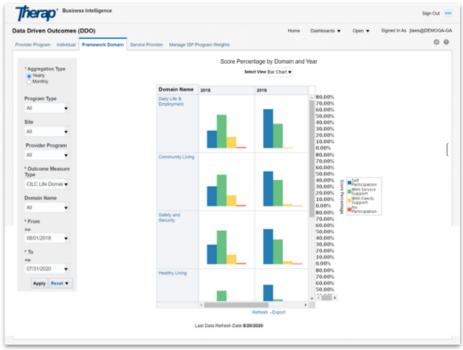
Unique ISP Programs/Scoring for Multiple Individuals Mapped to a Common Outcome Measure Framework







Data Driven Outcomes (DDO) Dashboard









Data Driven Outcomes - DSP Analyses

Score Percentage by Service Provider for an Individual

Table

Individual Robert Johnston v

Individual	Individual ID Number	ISP Program Name	Service Provider	Title	Hire Date	No. of Scores			
							Outcome met	Limited/No Progress	Neutral-Refusal
Robert Johnston	2930221	Community Activities (Level of Independence)	Jason Laws, QP	Provider Administrator	7/7/2015	45	75.56%	15.56%	8.89%
			Sarah Christiansen	Provider Administrator	1/22/2018	3	33.33%	66.67%	0.00%
		Community Activities (NC Innovations)	Sarah Christiansen	Provider Administrator	1/22/2018	3	66.67%	0.00%	33.33%
			Rich Frettoloso	Trainer Extraordinaire	4/11/2018	6	100.00%	0.00%	0.00%
		Innovations - Home and Community Supports	Jason Laus, QP	Provider Administrator	7/7/2015	27	62.96%	37.04%	0.00%
			Rich Frettoloso	Trainer Extraordinaire	4/11/2018	15	40.00%	60.00%	0.00%

Refresh - Export

Therap® Potential Utilization/Benefits of BI/DDO

- Assessment of adherence to HCBS Settings Rule (and other quality frameworks)
- Demonstrate alignment with Value Based Reimbursement structures
- Agencies will be able to distinguish themselves through use of quantitative measures of performance rather than simply compliance measures
 - Demonstration of performance during state/regional/ accreditation review processes
 - States/Agencies will be able to utilize this information to better support the individuals they serve





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member of our Team!

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