



Implementing Measurement-Based  
Care with Analytics  
*Path Forward's MBC Forum*

---

June 22, 2021

# Who We Are



## Trade Association

Represents 90 community-based mental health and addiction providers with shared goal of building highest quality system of care to meet the mental health and substance-related needs of all Marylanders.

## MBHS

MARYLAND BEHAVIORAL  
HEALTH SOLUTIONS

## Provider Network

Network of 26 providers (1000+ clinicians & 1700 community health workers @ 443 sites statewide) with **single signature authority** seeking VBP for strong outcomes & effective coordination. Participating providers' EMRs **live-connected via data warehouse** for real-time analytics.

# MBC Implementation Work Group



Initiative launched in 2019 to bring volume discount to MBC implementation, standardization, and analytics and - through linking up to the MBHS data warehouse - ability to move MBC into VBP.

- 180 participating clinicians across clinical programs in 17 provider organizations.
- 11 of 17 participating providers also participate in the MBHS provider network, which allows crosswalk of outcomes to the diagnostic and service data of population via warehouse.

# MBC Assessments

## *What's Used, What's Not, and Why*

### Assessments Used

- Adult: Depression (PHQ-9)
- Adult: Anxiety (GAD-7)
- Child: Symptom Severity (PSC-17)
- Therapeutic alliance (multiple)
- Other validated assessments as clinically indicated or payer-required

Q: Why measure therapeutic alliance?

A: Shown to improve client engagement; meta-analysis shows strong link to improved outcomes though more study needed.

Q: Why not measure suicide risk?

A: Current validated tools are good at predicting ideation and attempts but not actual suicide deaths. New tools from NIMH-funded research under evaluation.

Q: Why not measure DLA-20?

A: Our data dive indicated significant limitations due to inter-rater reliability and strong mediator of SDOH on improving results.



## MBC Analytics

- Synthesize various assessments into simple result overview.
- Creates actionable data for:
  - Intake
  - Triage
  - Supervision
  - Aggregate & analyze data between and across programs or diagnosis

June 22, 2021

### Clinic Dashboard - ABC Organization

PATIENTS

125

▲ 12% More

ENGAGEMENT

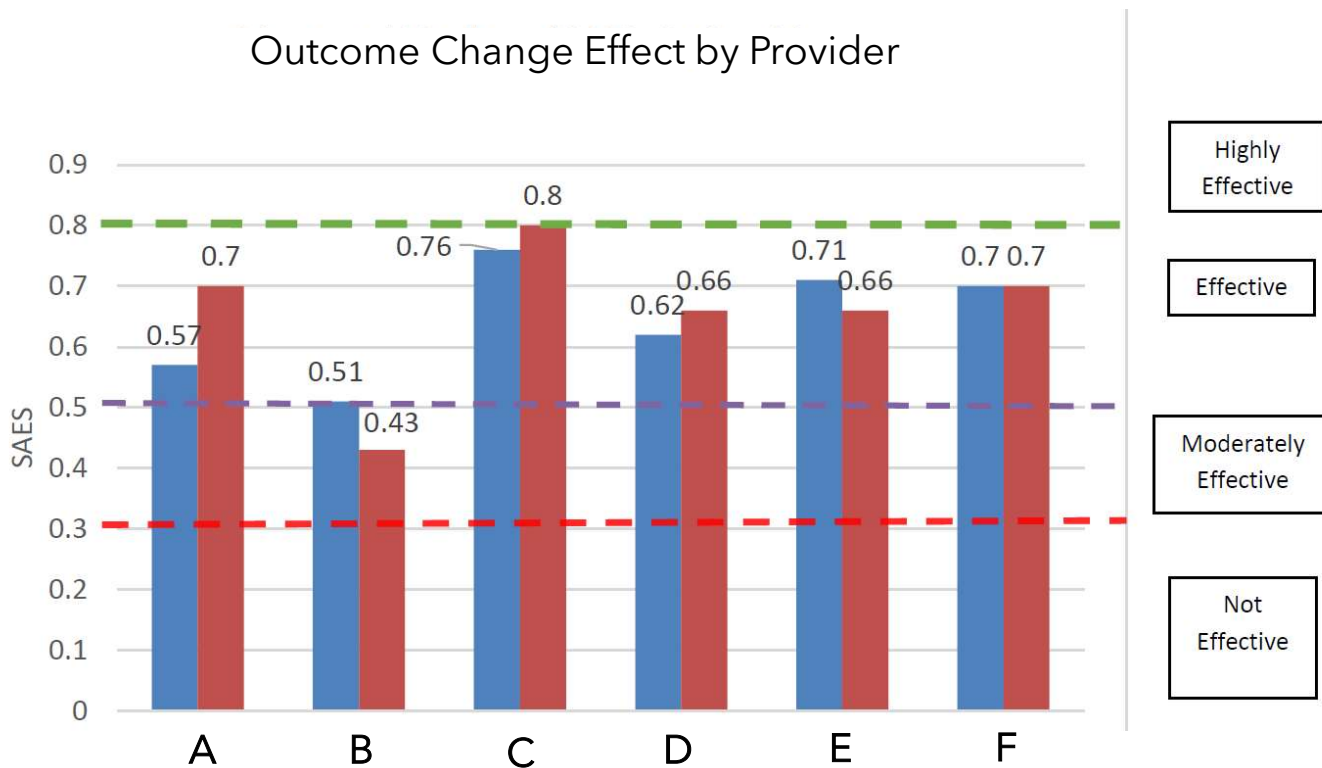
91%

IMPROVEMENT

82%



# What We're Learning



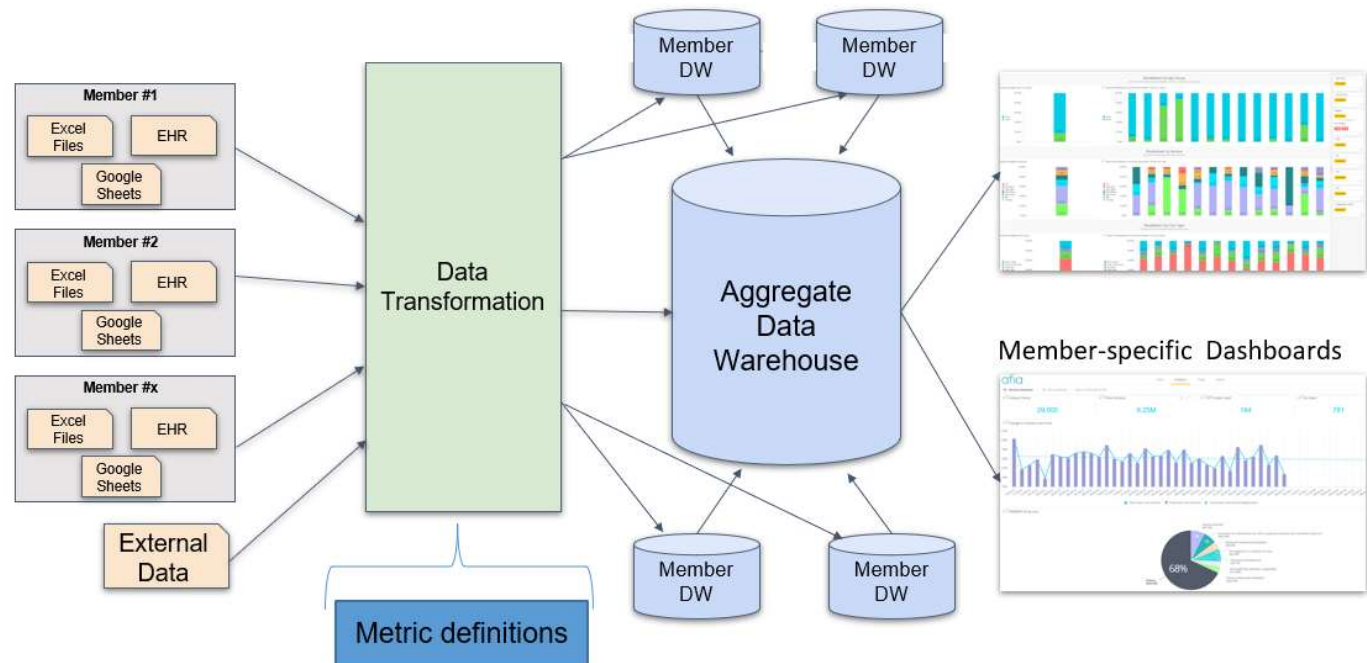
- ✓ The more a clinician looks at measurement results, the higher their results will go.
- ✓ Effective therapy meets or beats most EBPs on change effect.
- ✓ Outcomes alone do not offer clear insight into performance.

# MBC Considerations

## Crosswalking Outcomes to Data Warehouse

### Outcomes PLUS:

- Demographics
- Diagnostic data
- Service utilization
- Admissions, discharges, & episodes of care
- SDOH: housing, employment



Shannon Hall  
Executive Director  
shannon@mdcbh.org

