General Learning Network: Module One

Session Three: Introduction to Analysis

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Module One: Introduction to Analysis

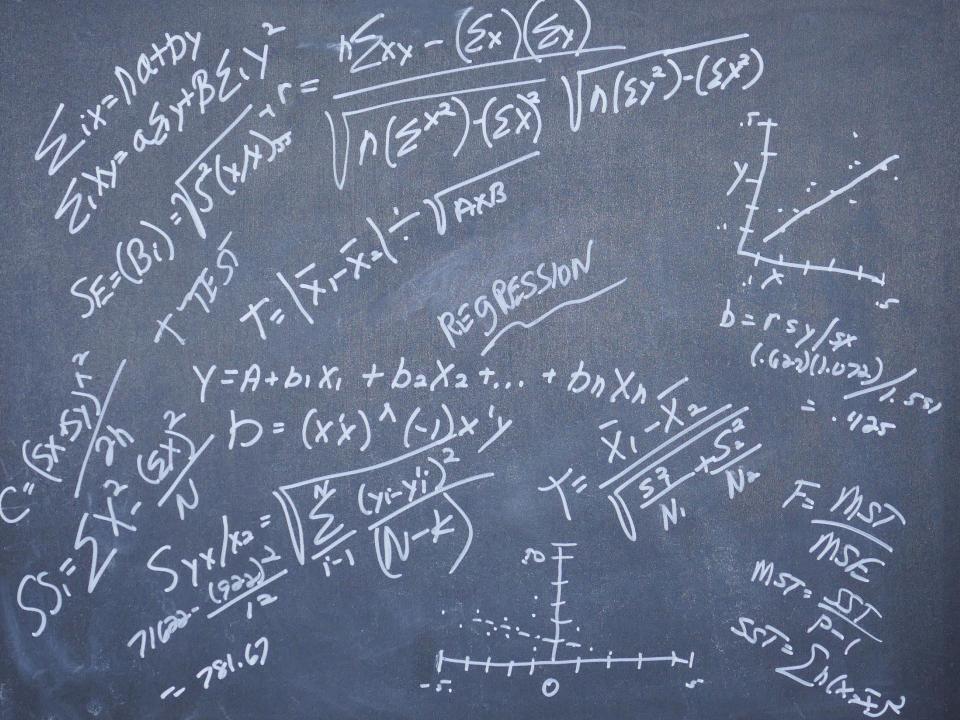- **Purpose**

  To use data to assess and improve the "health" of your practice's implementation and data collection process.

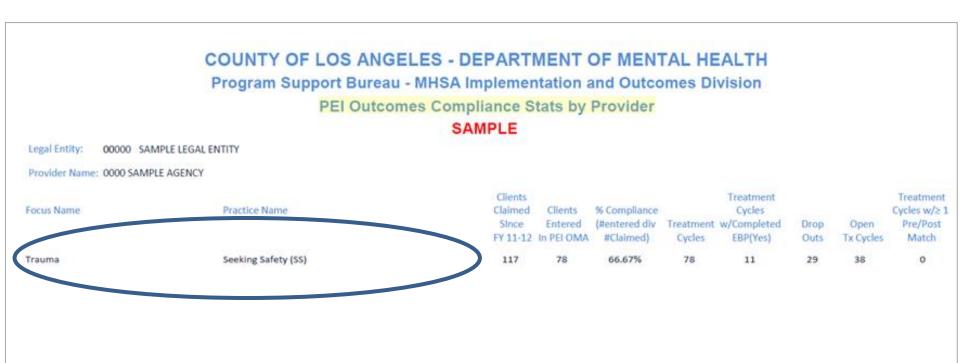# Module One: Introduction to Analysis

■ **What you will need!**

❑ A **calculator**

❑ **Curiosity** and a **willingness to explore**

❑ **Ability to do simple math** (to explore the relationships between variables)

$$\Sigma_i x = \Lambda a + b y$$

$$\Sigma_i xy = a \Sigma y + B \Sigma_i y^2$$

$$r = \frac{\Lambda \Sigma xy - (\Sigma x)(\Sigma y)}{\sqrt{\Lambda(\Sigma x^2)-(\Sigma x)^2}\sqrt{\Lambda(\Sigma y^2)-(\Sigma x)^2}}$$

$$SE = (B_i) = \sqrt{S^2(x_i x_i)^{-1}}$$

$$T\text{-TEST}$$

$$T = |x_1 - x_2| \div \sqrt{A \times B}$$

REGRESSION

$$Y = A + b_1 x_1 + b_2 x_2 + \ldots + b_n x_n$$

$$b = (x'x)^{\wedge}(-1)) x'y$$

$$C = \frac{(Sx \cdot Sy)}{2h}$$

$$SS_i = \Sigma x_i^2 - \frac{(\Sigma x)^2}{N}$$

$$S_{yx/x_2} = \sqrt{\sum_{i-1}^{N} \frac{(y_i - y_i)^2}{(N-k)}}$$

$$71600 - \frac{(9200)^2}{12}$$

$$= -781.67$$

$$T = \frac{\overline{x_1} - \overline{x_2}}{\sqrt{\frac{S_1^2}{N_1} + \frac{S_2^2}{N_2}}}$$

$$b = rsy/sx$$

$$\frac{(.620)(1.073)}{1.551}$$

$$= .425$$

$$F = \frac{MST}{MSE}$$

$$MST = \frac{SST}{P-1}$$

$$SST = \Sigma h(x_i - \overline{x})^2$$

Module One: Introduction to Analysis

■ **Today, we will explore….**

❑ The Compliance Rate

❑ Client Status in Program

❑ Drop-out Rate

❑ Program Process Data

❑ Outcomes Data

Compliance Rate

The Percentage of Clients in the IS that have also been Entered into the PEI OMA

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COUNTY OF LOS ANGELES - DEPARTMENT OF MENTAL HEALTH
Program Support Bureau - MHSA Implementation and Outcomes Division
PEI Outcomes Compliance Stats by Provider
SAMPLE

Legal Entity: 00000   SAMPLE LEGAL ENTITY

Provider Name: 0000 SAMPLE AGENCY

Focus Name	Practice Name	Clients Claimed Since FY 11-12	Clients Entered In PEI OMA	% Compliance (#entered div #Claimed)	Treatment Cycles	Treatment Cycles w/Completed EBP(Yes)	Drop Outs	Open Tx Cycles	Treatment Cycles w/≥ 1 Pre/Post Match
Trauma	Seeking Safety (SS)	117	78	66.67%	78	11	29	38	0

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Clients Claimed SInce FY 11-12	Clients Entered In PEI OMA	% Compliance (#entered div #Claimed)	Treatment Cycles	Treatment Cycles w/Completed EBP(Yes)	Drop Outs	Open Tx Cycles	Treatment Cycles w/≥ 1 Pre/Post Match
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Table 1. EBP Status Since Inception to November 21, 2014							
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7980	22.22%	1829	2.88%	43.63%	23.07%	33.30%
n=	1773	n=	51	798	422	609

Module One: Introduction to Analysis

COUNTY OF LOS ANGELES - DEPARTMENT OF MENTAL HEALTH

Program Support Bureau - MHSA Implementation and Outcomes Division

PEI Outcomes Compliance Stats - Countywide

Data Current as of 11/26/2014

Focus Name	Practice Name	Clients Claimed Since FY 11-12	Clients Entered In PEI OMA	% Compliance (#entered div #Claimed)	Treatment Cycles	Treatment Cycles w/Completed EBP(Yes)	Drop Outs	Open TxCycle	Treatment Cycles w/≥ 1 Pre/Post Match
Severe Behaviors / Conduct Disorders	Strengthening Families Program (SFP)	561	234	41.71%	234	78	10	146	48
Trauma	Alternatives for Families-Cognitive Behavioral Therapy (AF-CBT)	920	698	75.87%	709	209	233	267	158
Trauma	Child Parent Psychotherapy (CPP)	4324	2308	53.38%	2368	769	817	782	289
Trauma	Cognitive Behavioral Intervention for Trauma in Schools (CBITS)	104	65	62.50%	65	42	7	16	30
Trauma	Individual Cognitive Behavioral Therapy - Trauma (CBT-Trauma)	3011	240	7.97%	240	106	75	59	71
Trauma	Mental Health Integration Program (MHIP)	4338	272	6.27%	285	77	2706	792	0
Trauma	Prolonged Exposure for PTSD (PE)	113	37	32.74%	37	7	7	23	5
Trauma	Seeking Safety (SS)	19491	10964	56.25%	11717	2861	4508	4348	1539

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COUNTY OF LOS ANGELES - DEPARTMENT OF MENTAL HEALTH

Program Support Bureau - MHSA Implementation and Outcomes Division

PEI Outcomes Compliance Stats - Countywide   Data Current as of 11/26/2014

Focus Name	Practice Name	Clients Claimed Since FY 11-12	Clients Entered In PEI OMA	% Compliance (#entered div #Claimed)	Treatment Cycles	Treatment Cycles w/Completed EBP(Yes)	Drop Outs	Open TxCycle	Treatment Cycles w/≥ 1 Pre/Post Match
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Seeking Safety

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Seeking Safety	19491	10964	56.25%	11717	2861	4508	4348	1539

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On the Compliance Analysis page, you can record your finding and begin to generate hypotheses about factors which may help explain your findings.

Compliance Analysis

<u>Definition</u>: Percentage of clients entered into the IS that have also been entered in the PEI OMA.

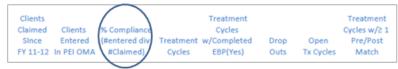**PEI Outcomes Compliance Stats by Billing Provider Report**

Clients Claimed Since FY 11-12	Clients Entered In PEI OMA	% Compliance (#entered div #Claimed)	Treatment Cycles	Treatment Cycles w/Completed EBP(Yes)	Drop Outs	Open Tx Cycles	Treatment Cycles w/2 1 Pre/Post Match	_____%

Aggregate Report (Table One)

Table 1.

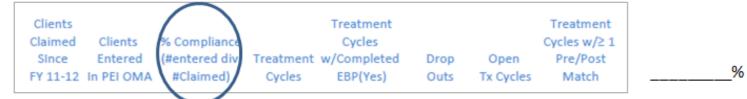| # of Clients Claimed to Practice	# of Clients Entered into PEI OMA	# of Tx Cycles in PEI OMA	Clients with Multiple Tx Cycles	Clients Completing Tx	Clients Dropping-Out of Tx	Clients Still -In Tx	
	%			%	%	%	%	_____%
n=		n=	00	00	00	00	

PEI Outcomes Compliance Stats - Countywide

Clients Claimed Since FY 11-12	Clients Entered In PEI OMA	% Compliance (#entered div #Claimed)	Treatment Cycles	Treatment Cycles w/Completed EBP(Yes)	Drop Outs	Open Tx Cycles	Treatment Cycles w/2 1 Pre/Post Match	_____%

Module One: Introduction to Analysis

PEI Outcomes Compliance Stats by Billing Provider Report

Clients Claimed Since FY 11-12	Clients Entered In PEI OMA	% Compliance (#entered div #Claimed)	Treatment Cycles	Treatment Cycles w/Completed EBP(Yes)	Drop Outs	Open Tx Cycles	Treatment Cycles w/≥ 1 Pre/Post Match

_____%

Aggregate Report (Table One)

Table 1.							
# of Clients Claimed to Practice	# of Clients Entered into PEI OMA	# of Tx Cycles in PEI OMA	Clients with Multiple Tx Cycles	Clients Completing Tx	Clients Dropping-Out of Tx	Still In Tx	
	%		%	%	%	%	
n=		n=					

_____%

PEI Outcomes Compliance Stats - Countywide

Clients Claimed Since FY 11-12	Clients Entered In PEI OMA	% Compliance (#entered div #Claimed)	Treatment Cycles	Treatment Cycles w/Completed EBP(Yes)	Drop Outs	Open Tx Cycles	Treatment Cycles w/≥ 1 Pre/Post Match

_____%

Module One: Introduction to Analysis

PEI Outcomes Compliance Stats by Billing Provider Report

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								_____%

PEI Outcomes Compliance Stats - Countywide

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								_____%

Module One: Introduction to Analysis

- **Questions to explore:**
  - ❑ What is the compliance rate for your practice?

  - ❑ How does your compliance rate compare with countywide averages?

  - ❑ If your compliance rate is below countywide averages, what might account for these findings (e.g. glitch in data entry, unmotivated staff, need for training, lack of dedicated PEI coordination, lack of dedicated data entry staff, "ordinary" obstacles, etc)

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■ **Questions to explore:**

❑ If your compliance rate is above countywide averages, what might account for these findings (e.g. dedicated data entry staff, motivated clinical staff, timely reminders of upcoming due dates, strong administrative support, dedicated PEI administrative staff, thoughtful pre-planning, etc.)

Module One: Introduction to Analysis

- **Other things to consider**
  - ❑ May want to cross reference Compliance Rate with information on the Exception Report.

  - ❑ Note the absolute number of clients entered into the IS and PEI OMA to see if percentages are significant or not.

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COUNTY OF LOS ANGELES - DEPARTMENT OF MENTAL HEALTH
Program Support Bureau - MHSA Implementation and Outcomes Division
Clients Claimed To An EBP That Have Not Been Entered In OMA

ServiceArea   1 - ∞

Legal Entity Name   My Favorite Legal Entity

Billing Provider Name   My Favorite Provider

ClientID	Last Name	First Name	EBP	Claims	CoreClaims	First Claim
45846	Doe	John	4N-Seeking Safety	2	0	5/10/2013
54166	Doe	James	4N-Seeking Safety	5	4	12/17/2012
84155	Doe	Janis	4N-Seeking Safety	2	0	8/26/2013
54566	Doe	Helen	4N-Seeking Safety	3	1	8/2/2012
41516	Doe	Kara	4N-Seeking Safety	2	1	4/2/2013
85854	Doe	Alex	4N-Seeking Safety	2	0	8/23/2012
75456	Doe	Francis	4N-Seeking Safety	2	0	11/15/2012
88546	Doe	George	4N-Seeking Safety	1	1	11/1/2012
18558	Doe	Michael	4N-Seeking Safety	15	3	3/30/2012
87964	Doe	Joshua	4N-Seeking Safety	1	1	7/25/2011

Client Status in the Practice

Percentage of Clients "In Treatment, Completing Treatment, or Dropping-Out of Treatment"

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COUNTY OF LOS ANGELES - DEPARTMENT OF MENTAL HEALTH

Program Support Bureau - MHSA Implementation and Outcomes Division

PEI Outcomes Compliance Stats by Provider

SAMPLE

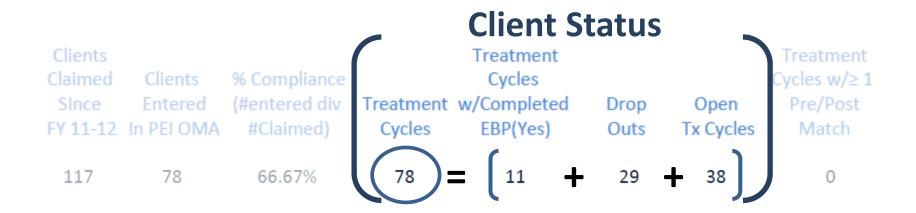Legal Entity: 00000 SAMPLE LEGAL ENTITY

Provider Name: 0000 SAMPLE AGENCY

Focus Name	Practice Name	Clients Claimed Since FY 11-12	Clients Entered In PEI OMA	% Compliance (#entered div #Claimed)	Treatment Cycles	Treatment Cycles w/Completed EBP(Yes)	Drop Outs	Open Tx Cycles	Treatment Cycles w/≥ 1 Pre/Post Match
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Client Status

Clients Claimed Since FY 11-12	Clients Entered In PEI OMA	% Compliance (#entered div #Claimed)	Treatment Cycles	Treatment Cycles w/Completed EBP(Yes)	Drop Outs	Open Tx Cycles	Treatment Cycles w/≥ 1 Pre/Post Match
117	78	66.67%	78 =	11 +	29 +	38	0

This relationship can easily be used to determine Status in Program as a percentage

Module One: Introduction to Analysis

Treatment Cycles	Treatment Cycles w/Completed EBP(Yes)	Drop Outs	Open Tx Cycles
78	11	29	38

$$\frac{\text{\# Completing}}{\text{Treatment Cycles}} \times 100 \qquad \frac{11}{78} \times 100 = 14.10\%$$

Module One: Introduction to Analysis

Treatment Cycles

Treatment Cycles	Treatment Cycles w/Completed EBP(Yes)	Drop Outs	Open Tx Cycles
78	11	29	38

$$\frac{\#\ \underline{\textbf{Dropping}}}{\textbf{Treatment Cycles}} \times 100 \qquad \frac{29}{78} \times 100 = \textbf{37.18\%}$$

Module One: Introduction to Analysis

Treatment Cycles	Treatment Cycles w/Completed EBP(Yes)	Drop Outs	Open Tx Cycles
78	11	29	38

$$\frac{\text{# Open Tx Cycles}}{\text{Treatment Cycles}} \text{ X } 100 \qquad \frac{38}{78} \text{ X } 100 = 48.72\%$$

Module One: Introduction to Analysis

Aggregate Report

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n=	1773	n=	51	798	422	609

Module One: Introduction to Analysis

COUNTY OF LOS ANGELES - DEPARTMENT OF MENTAL HEALTH

Program Support Bureau - MHSA Implementation and Outcomes Division

PEI Outcomes Compliance Stats - Countywide

Data Current as of 11/26/2014

Focus Name	Practice Name	Clients Claimed Since FY 11-12	Clients Entered In PEI OMA	% Compliance (#entered div #Claimed)	Treatment Cycles	Treatment Cycles w/Completed EBP(Yes)	Drop Outs	Open TxCycle	Treatment Cycles w/≥ 1 Pre/Post Match
Severe Behaviors / Conduct Disorders	Strengthening Families Program (SFP)	561	234	41.71%	234	78	10	146	48
Trauma	Alternatives for Families-Cognitive Behavioral Therapy (AF-CBT)	920	698	75.87%	709	209	233	267	158
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Treatment Cycles	Treatment Cycles w/Completed EBP(Yes)	Drop Outs	Open TxCycle
240	106	75	59
285	77	2706	792
37	7	7	23
11717	2861	4508	4348

$$\frac{\text{\# Completing}}{\text{Treatment Cycles}} \times 100 \qquad \frac{2861}{11717} \times 100 = 24.42\%$$

Module One: Introduction to Analysis

Treatment Cycles	Treatment Cycles w/Completed EBP(Yes)	Drop Outs	Open TxCycle
240	106	75	59
285	77	2706	792
37	7	7	23
11717	2861	4508	4348

$$\frac{\text{\# Dropping Out}}{\text{Treatment Cycles}} \times 100 \qquad \frac{4508}{11717} \times 100 = 38.47\%$$

Module One: Introduction to Analysis

Treatment Cycles	Treatment Cycles w/Completed EBP(Yes)	Drop Outs	Open TxCycle
240	106	75	59
285	77	2706	792
37	7	7	23
11717	2861	4508	4348

$$\frac{\text{# Open TxCyle}}{\text{Treatment Cycles}} \times 100 \qquad \frac{4348}{11717} \times 100 = 37.11\%$$

Module One: Introduction to Analysis

On the Client Status Analysis page, you can record your finding and begin to generate hypotheses about factors which may help explain your findings.

Client Status Analysis

Definition: Percentage of clients understood to have completed treatment, to have dropped out of treatment or to still be in treatment.

Module One: Introduction to Analysis

% Complete   %Dropped   % in Tx

PEI Outcomes Compliance Stats by Billing Provider Report

Clients Claimed SInce FY 11-12	Clients Entered In PEI OMA	% Compliance (#entered div #Claimed)	Treatment Cycles	Treatment Cycles w/Completed EBP(Yes)	Drop Outs	Open Tx Cycles	Treatment Cycles w/≥ 1 Pre/Post Match

 # Completed _____   **# Drop Outs** _____   **# Open Tx** _____

÷   ÷   ÷   X100   _____ _____ _____

 # Tx Cycles _____   **# Tx Cycles** _____   **# Tx Cycles** _____

PEI Outcomes Compliance Stats - Countywide

Clients Claimed SInce FY 11-12	Clients Entered In PEI OMA	% Compliance (#entered div #Claimed)	Treatment Cycles	Treatment Cycles w/Completed EBP(Yes)	Drop Outs	Open Tx Cycles	Treatment Cycles w/≥ 1 Pre/Post Match

 # Completed _____   **# Drop Outs** _____   **# Open Tx** _____

÷   ÷   ÷   X100   _____ _____ _____

 # Tx Cycles _____   **# Tx Cycles** _____   **# Tx Cycles** _____

Module One: Introduction to Analysis

- **Questions to explore:**

  - What is the client status distribution for your practice?

  - How does it compare with countywide averages?

  - If you have a larger than average number of clients listed as "still in treatment", what might account for these findings (e.g. cases simply not being closed, lack of data entry staff, clinical staff not updating status of clients, clients remaining in treatment longer than suggested by the model, need for additional training/supervision, lack of PEI coordination, etc)

Module One: Introduction to Analysis

- **Questions to explore:**
  - If you have a larger than average number of clients listed as "dropping out", what might account for these findings (e.g. client's leaving TX before completing the EBP, client selection-triage issues, model fidelity issues, need for additional training/supervision, need for additional infrastructure, staff not knowing when to consider TX complete, etc)

Module One: Introduction to Analysis

- **Other things to consider**

  - ❑ May want to explore list of active/inactive clients in Detailed Report to access additional variables which may be associated with high number of clients either remaining in Tx or dropping out.

  - ❑ May want to explore case disposition data to see where it is that client's go after leaving Tx.

Module One: Introduction to Analysis

Legal Entity Name SAMPLE LEGAL ENTITY

Provider Name 0000 SAMPLE PROVIDER NAME

Status Active

Last Name	First Name	ClientId	Focus of Treatment	Practice	DSM Code Intake	Staff Code	First Session Date	Last Session Date	Completed EBP? Yes/ No or N/A
Doe	John	XXXXXXX	Trauma	Individual Cognitive Behavioral Therapy - Trauma (CBT-Trauma)	311	VER1544	1/16/2014		N/A
Doe	Sally	XXXXXXX	Trauma	Individual Cognitive Behavioral Therapy - Trauma (CBT-Trauma)	300.4	VER1544	1/16/2014		N/A
Doe	Bob	XXXXXXX	Trauma	Individual Cognitive Behavioral Therapy - Trauma (CBT-Trauma)	313.81	STI1422	1/17/2013		N/A

Module One: Introduction to Analysis

Explore clients listed as "Active"

Legal Entity Name SAMPLE LEGAL ENTITY
Provider Name 0000 SAMPLE PROVIDER NAME
Status Active

Last Name	First Name	ClientId	Focus of Treatment	Practice	DSM Code Intake	Staff Code
Doe	John	XXXXXXX	Trauma	Individual Cognitive Behavioral Therapy - Trauma (CBT-Trauma)	311	VER1544
Doe	Sally	XXXXXXX	Trauma	Individual Cognitive Behavioral Therapy - Trauma (CBT-Trauma)	300.4	VER1544
Doe	Bob	XXXXXXX	Trauma	Individual Cognitive Behavioral Therapy - Trauma (CBT-Trauma)	313.81	STI1422

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Explore other variables of interest

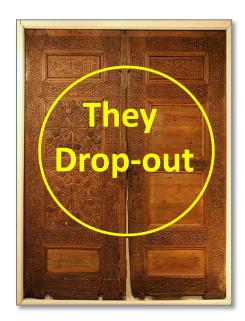| DSM Code Intake	Staff Code	First Session Date	Last Session Date	Completed EBP? Yes/ No or N/A
311	VER1544	1/16/2014		N/A
300.4	VER1544	1/16/2014		N/A
313.81	STI1422	1/17/2013		N/A

You have access to a number of other specific variables (e.g. Dx, clinician, cohort, time frame, etc.) that may help explain your findings. This analysis may not be obvious and will take additional effort.

The Drop-Out Rate

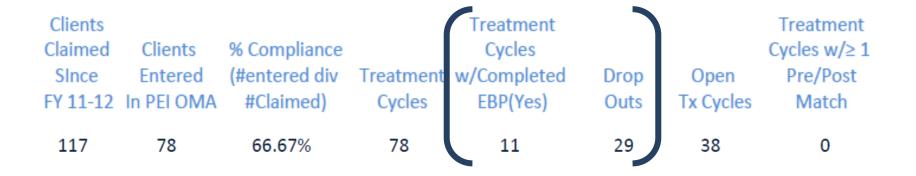**The Percentage of Clients Who Leave the Practice Without Completing Treatment**

Module One: Introduction to Analysis

Clients leave a practice through one of two doors

The drop-out rate is the % of clients who end treatment by "dropping out"

Module One: Introduction to Analysis

Clients Claimed SInce FY 11-12	Clients Entered In PEI OMA	% Compliance (#entered div #Claimed)	Treatment Cycles	Treatment Cycles w/Completed EBP(Yes)	Drop Outs	Open Tx Cycles	Treatment Cycles w/≥ 1 Pre/Post Match
117	78	66.67%	78	11	29	38	0

$$\frac{\text{Drop Outs}}{\text{Treatment Cycles w/Completed EBP} + \text{Drop Outs}} \times 100$$

$$\frac{29}{29+11} \times 100 = 72.50\%$$

Module One: Introduction to Analysis

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$$\frac{\text{Drop Outs}}{\text{Treatment Cycles w/Completed EBP + Drop Outs}} \times 100$$

$$\frac{422}{422+798} \times 100 = 34.59\%$$

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19491	10964	56.25%	11717	2861	4508	4348	1539

$$\frac{\text{Drop Outs}}{\text{Treatment Cycles w/Completed EBP} + \text{Drop Outs}} \times 100$$

$$\frac{4508}{4508+2861} \times 100 \quad = \quad 61.18\%$$

Module One: Introduction to Analysis

On the Drop-Out Rate Analysis page, you can record your findings and begin to generate hypotheses about factors which may help explain your findings.

Drop-Out Rate Analysis

Definition: Percentage of clients who have left the practice without completing treatment.

PEI Outcomes Compliance Stats by Billing Provider Report

Clients Claimed Since FY 11-12	Clients Entered In PEI OMA	% Compliance (#entered div #Claimed)	Treatment Cycles	Treatment Cycles w/Completed EBP(Yes)	Drop Outs	Open Tx Cycles	Treatment Cycles w/≥ 1 Pre/Post Match

\# Treatment Cycles Completing _____   # Drop outs _____

÷   X100   ÷   X100

\# Completing + # Drop Outs _____   # Completing + # Drop Outs _____

Percent Completing _____%   Percent that Drop Out _____%

Aggregate Report (Table One)

Table 1.

# of Clients Claimed to Practice	# of Clients Entered into PEI OMA	# of Tx Cycles in PEI OMA	Clients with Multiple Tx Cycles	Clients Completing Tx	Clients Dropping-Out of Tx	Still In Tx
%		%		%	%	%
n=		n=				

\# Treatment Cycles Completing _____   # Drop Outs _____

÷   X100   ÷   X100

\# Completing + # Drop Outs _____   # Completing + # Drop Outs _____

Percent Completing _____%   Percent that Drop Out _____%

PEI Outcomes Compliance Stats - Countywide

Clients Claimed Since FY 11-12	Clients Entered In PEI OMA	% Compliance (#entered div #Claimed)	Treatment Cycles	Treatment Cycles w/Completed EBP(Yes)	Drop Outs	Open Tx Cycles	Treatment Cycles w/≥ 1 Pre/Post Match

\# Treatment Cycles Completing _____   # Drop Outs _____

÷   X100   ÷   X100

\# Completing + # Drop Outs _____   # Completing + # Drop Outs _____

Percent Completing _____%   Percent that Drop Out _____%

Module One: Introduction to Analysis

PEI Outcomes Compliance Stats by Billing Provider Report

Clients Claimed Since FY 11-12	Clients Entered In PEI OMA	% Compliance (#entered div #Claimed)	Treatment Cycles	Treatment Cycles w/Completed EBP(Yes)	Drop Outs	Open Tx Cycles	Treatment Cycles w/≥ 1 Pre/Post Match

\# Treatment Cycles Completing _____   \# Drop outs _____

÷ X100   ÷ X100

\# Completing + \# Drop Outs _____   \# Completing + \# Drop Outs _____

Percent Completing _____%   Percent that Drop Out _____%

Aggregate Report (Table One)

Table 1.

# of Clients Claimed to Practice	# of Clients Entered into PEI OMA	# of Tx Cycles in PEI OMA	Clients with Multiple Tx Cycles	Clients Completing Tx	Clients Dropping-Out of Tx	Clients Still -In Tx
	%		%	%	%	%
n=		n=	00	00	00	00

\# Treatment Cycles Completing _____   \# Drop Outs _____

÷ X100   ÷ X100

\# Completing + \# Drop Outs _____   \# Completing + \# Drop Outs _____

Percent Completing _____%   Percent that Drop Out _____%

PEI Outcomes Compliance Stats - Countywide

Clients Claimed Since FY 11-12	Clients Entered In PEI OMA	% Compliance (#entered div #Claimed)	Treatment Cycles	Treatment Cycles w/Completed EBP(Yes)	Drop Outs	Open Tx Cycles	Treatment Cycles w/≥ 1 Pre/Post Match

\# Treatment Cycles Completing _____   \# Drop Outs _____

÷ X100   ÷ X100

\# Completing + \# Drop Outs _____   \# Completing + \# Drop Outs _____

Percent Completing _____%   Percent that Drop Out _____%

Module One: Introduction to Analysis

PEI Outcomes Compliance Stats by Billing Provider Report

Clients Claimed Since FY 11-12	Clients Entered In PEI OMA	% Compliance (#entered div #Claimed)	Treatment Cycles	Treatment Cycles w/Completed EBP(Yes)	Drop Outs	Open Tx Cycles	Treatment Cycles w/≥ 1 Pre/Post Match

Treatment Cycles Completing _____   # Drop outs _____

                              ÷   X100   ÷   X100

Completing + # Drop Outs _____   # Completing + # Drop Outs _____

Percent Completing _____%   Percent that Drop Out _____%

PEI Outcomes Compliance Stats - Countywide

Clients Claimed Since FY 11-12	Clients Entered In PEI OMA	% Compliance (#entered div #Claimed)	Treatment Cycles	Treatment Cycles w/Completed EBP(Yes)	Drop Outs	Open Tx Cycles	Treatment Cycles w/≥ 1 Pre/Post Match

Treatment Cycles Completing _____   # Drop Outs _____

                              ÷   X100   ÷   X100

Completing + # Drop Outs _____   # Completing + # Drop Outs _____

Percent Completing _____%   Percent that Drop Out _____%

Module One: Introduction to Analysis

- **Questions to explore:**

  - ❑ If your "Drop-out Rate" is higher than the average, clients are leaving the practice before graduating at higher than average levels

  - ❑ What might account for these findings (e.g. client selection-triage issues, model fidelity issues, need for additional training/supervision, need for additional infrastructure, etc)

Module One: Introduction to Analysis

- **Other things to consider:**

  - ❑ May want to explore case disposition data to see where it is that client's go after leaving Tx.

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COUNTY OF LOS ANGELES-DEPARTMENT OF MENTAL HEALTH
Program Support Bureau-MHSA Implementation and Outcomes Division

OPTIONAL PEI OUTCOMES WORKSHEET
Trauma: Seeking Safety (SS)

ADMINISTRATIVE INFORMATION

Client ID

Client Last Name   Client First Name

Provider ID   Therapist ID/Staff Code

END OF TREATMENT INFORMATION

DSM IV Axis I Principle Diagnosis Code (at Termination)

Date of Last (EBP Treatment) Session   Total Number of EBP Treatment Sessions

Completed EBP? ☐ Yes ☐ No   If YES, Client's Treatment Success? ☐ Significant ☐ Partial

If Client COMPLETED EBP, Please Check One for Disposition

☐ Began New EBP   ☐ Linked to MHS at Another Agency   ☐ Case Closed
☐ Continued in Concurrent EBP ☐ Began Non-PEI MHS   ☐ Linked to Non-MHS in Community

If Client DID NOT COMPLETE EBP, Please Check One for Disposition

☐ New EBP with Different Focus ☐ Deceased   ☐ Foster Care/Residential Placement
☐ New EBP with Same Focus   ☐ Psychiatric Hospitalization ☐ Continued in Concurrent EBP
☐ Arrested   ☐ Moved   ☐ Linked to Non-MHS in Community
☐ Detained by DCFS   ☐ Unable to Contact   ☐ Linked to MHS at Another Agency
☐ Medical Hospitalization   ☐ Withdrew   ☐ Began Non-PEI MHS

END OF TREATMENT QUESTIONNAIRES

Module One: Introduction to Analysis

END OF TREATMENT INFORMATION

DSM IV Axis I Principle Diagnosis Code (at Termination) [_____]

Date of Last (EBP Treatment) Session [_____]   Total Number of EBP Treatment Sessions [_____]

Completed EBP? ☐ Yes ☐ No   If YES, Client's Treatment Success? ☐ Significant ☐ Partial

If Client COMPLETED EBP, Please Check One for Disposition

☐ Began New EBP	☐ Linked to MHS at Another Agency	☐ Case Closed
☐ Continued in Concurrent EBP	☐ Began Non-PEI MHS	☐ Linked to Non-MHS in Community

If Client DID NOT COMPLETE EBP, Please Check One for Disposition

☐ New EBP with Different Focus	☐ Deceased	☐ Foster Care/Residential Placement
☐ New EBP with Same Focus	☐ Psychiatric Hospitalization	☐ Continued in Concurrent EBP
☐ Arrested	☐ Moved	☐ Linked to Non-MHS in Community
☐ Detained by DCFS	☐ Unable to Contact	☐ Linked to MHS at Another Agency
☐ Medical Hospitalization	☐ Withdrew	☐ Began Non-PEI MHS

END OF TREATMENT QUESTIONNAIRES

Process Data

Of Acknowledged Entries, the Percentage of Scored Pre, Posts and Matched Pairs that have been Collected

Module One: Introduction to Analysis

List of Outcome Measures

Type of Data Collection

Table 4: Program Process Data - Clients Who Entered Group CBT

Outcome Measures Administered	Pre-Test with Scores	Post-test with Scores	Clients Who Completed both a Pre and Post Measure with Scores
Patient Health Questionnaire (PHQ-9)	88.83%	52.49%	25.17%
n=	660	200	187
Ackn=	743	381	743
Youth Outcome Questionnaire – Self Report – 2.0 (YOQ-SR)	33.33%	0.00%	0.00%
n=	1	0	0
Ackn=	3	2	3
Outcome Questionnaire - 45.2	83.17%	42.63%	19.61%
n=	598	162	141
Ackn=	719	380	719

Module One: Introduction to Analysis

Table 4: Program Process Data - Clients Who Entered Group CBT			
Outcome Measures Administered	Pre-Test with Scores	Post-test with Scores	Clients Who Completed both a Pre and Post Measure with Scores
Patient Health Questionnaire (PHQ-9)	88.83%	52.49%	25.17%
n=	660	200	187
Ackn=	743	381	743
Youth Outcome Questionnaire – Self Report – 2.0 (YOQ-SR)	33.33%	0.00%	0.00%
n=	1	0	0
Ackn=	3	2	3
Outcome Questionnaire - 45.2	83.17%	42.63%	19.61%
n=	598	162	141
Ackn=	719	380	719

Module One: Introduction to Analysis

Service Area: 1 – 8

LegalEntityNum: 123456

ProviderName: My Favorite Provider

Practice Name Group Cognitive Behavioral Therapy for Major Depression (Group CBT for Major Depression)
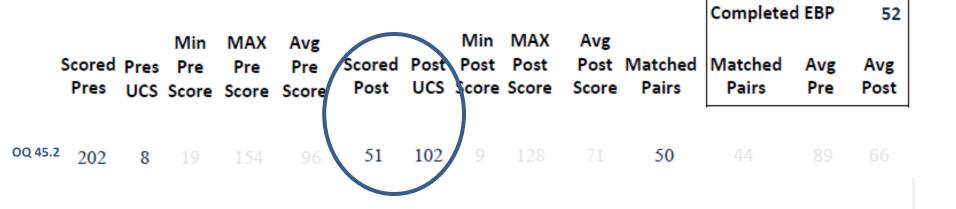
Questionnaire Name	Subscale Name	Scored Pres	Pres UCS	Min Pre Score	MAX Pre Score	Avg Pre Score	Scored Post	Post UCS	Min Post Score	MAX Post Score	Avg Post Score	Matched Pairs	Completed EBP 52 Matched Pairs	Avg Pre	Avg Post
Outcome Questionnaire – 45.2*	Total	202	8	19	154	96	51	102	9	128	71	50	44	89	66
Patient Health Questionnaire (PHQ-9)	Total Score	174	35	0	27	17	69	85	0	27	11	68	38	15	8

Module One: Introduction to Analysis

	Scored Pres	Pres UCS	Min Pre Score	MAX Pre Score	Avg Pre Score	Scored Post	Post UCS	Min Post Score	MAX Post Score	Avg Post Score	Matched Pairs	Completed EBP 52		
												Matched Pairs	Avg Pre	Avg Post
OQ 45.2	202	8	19	154	96	51	102	9	128	71	50	44	89	66
PHQ-9	174	35	0	27	17	69	85	0	27	11	68	38	15	8

Module One: Introduction to Analysis

	Scored Pres	Pres UCS	Min Pre Score	MAX Pre Score	Avg Pre Score	Scored Post	Post UCS	Min Post Score	MAX Post Score	Avg Post Score	Matched Pairs	Completed EBP	52
												Matched Pairs	Avg Pre	Avg Post
OQ 45.2	202	8	19	154	96	51	102	9	128	71	50	44	89	66

$$\frac{Scored\ Pres}{Scored\ Pres + Pres\ UCS} \quad X100$$

$$\frac{202}{202+8} \quad X\ 100 \quad = \textbf{96.19\%}$$

Module One: Introduction to Analysis

	Scored Pres	Pres UCS	Min Pre Score	MAX Pre Score	Avg Pre Score	Scored Post	Post UCS	Min Post Score	MAX Post Score	Avg Post Score	Matched Pairs	Completed EBP	52
												Matched Pairs	Avg Pre	Avg Post
OQ 45.2	202	8	19	154	96	51	102	9	128	71	50	44	89	66

$$\frac{Scored\ Posts}{Scored\ Posts + Posts\ UCS} \quad X100$$

$$\frac{51}{51+102} \quad X\ 100 \quad = \mathbf{33.33\%}$$

Module One: Introduction to Analysis

	Scored Pres	Pres UCS	Min Pre Score	MAX Pre Score	Avg Pre Score	Scored Post	Post UCS	Min Post Score	MAX Post Score	Avg Post Score	Matched Pairs	Completed EBP 52		
												Matched Pairs	Avg Pre	Avg Post
OQ 45.2	202	8	19	154	96	51	102	9	128	71	50	44	89	66

$$\frac{Matched\ Pairs}{Scored\ Pres + Pres\ UCS}\ X100$$

$$\frac{50}{202+8}\ X\ 100\ = \mathbf{23.81\%}$$

Module One: Introduction to Analysis

COUNTY OF LOS ANGELES - DEPARTMENT OF MENTAL HEALTH
Program Support Bureau - MHSA Implementation and Outcomes Division

Questionnaire Statistics

Practice Name   Group Cognitive Behavioral Therapy for Major Depression (Group CBT for Major Depression)

Completed EBP 245

Questionnaire Name	Subscale Name	Scored Pres	Pres UCS	Min Pre Score	MAX Pre Score	Avg Pre Score	Scored Post	Post UCS	Min Post Score	MAX Post Score	Avg Post Score	Matched Pairs	Matched Pairs	Avg Pre Score	Avg Post Score
Youth Outcome Questionnaire – Self Report – 2.0	Critical Items	2	3	6	13	9	0	2	N/A	N/A	N/A	0	0	N/A	N/A
Youth Outcome Questionnaire – Self Report – 2.0	Total	2	3	44	64	54	0	2	N/A	N/A	N/A	0	0	N/A	N/A
Youth Outcome Questionnaire – Self Report – 2.0	Somatic	2	3	5	7	6	0	2	N/A	N/A	N/A	0	0	N/A	N/A
Youth Outcome Questionnaire – Self Report – 2.0	Social Problems	2	3	0	8	4	0	2	N/A	N/A	N/A	0	0	N/A	N/A
Youth Outcome Questionnaire – Self Report – 2.0	Interpersonal Relations	2	3	2	6	4	0	2	N/A	N/A	N/A	0	0	N/A	N/A
Outcome Questionnaire – 45.2*	Interpersonal Relations	717	146	0	40	20	185	305	0	33	16	163	148	19	16
Patient Health Questionnaire (PHQ-9)	Total Score	775	107	0	27	15	234	257	0	27	9	220	164	14	8
Outcome Questionnaire – 45.2*	Total	717	146	1	157	88	185	305	2	129	67	163	148	83	65
Outcome Questionnaire – 45.2*	Symptom Distress	717	146	1	92	54	185	305	0	82	41	163	148	51	39
Outcome Questionnaire – 45.2*	Social Role	717	146	0	32	13	185	305	0	26	10	163	148	12	10
Youth Outcome Questionnaire – Self Report – 2.0	Behavioral Dysfunction	2	3	1	14	7	0	2	N/A	N/A	N/A	0	0	N/A	N/A
Youth Outcome Questionnaire – Self Report – 2.0	Intrapersonal Distress	2	3	19	27	23	0	2	N/A	N/A	N/A	0	0	N/A	N/A

Module One: Introduction to Analysis

ajor Depression)

Scored Pres	Pres UCS	Min Pre Score	MAX Pre Score	Avg Pre Score	Scored Post	Post UCS	Min Post Score	MAX Post Score	Avg Post Score	Matched Pairs	Completed EBP 245		
											Matched Pairs	Avg Pre Score	Avg Post Score
2	3	6	13	9	0	2	N/A	N/A	N/A	0	0	N/A	N/A
2	3	44	64	54	0	2	N/A	N/A	N/A	0	0	N/A	N/A
2	3	5	7	6	0	2	N/A	N/A	N/A	0	0	N/A	N/A
2	3	0	8	4	0	2	N/A	N/A	N/A	0	0	N/A	N/A
2	3	2	6	4	0	2	N/A	N/A	N/A	0	0	N/A	N/A
717	146	0	40	20	185	305	0	33	16	163	148	19	16
775	107	0	27	15	234	257	0	27	9	220	164	14	8
717	146	1	157	88	185	305	2	129	67	163	148	83	65
717	146	1	92	54	185	305	0	82	41	163	148	51	39
717	146	0	32	13	185	305	0	26	10	163	148	12	10
2	3	1	14	7	0	2	N/A	N/A	N/A	0	0	N/A	N/A
2	3	19	27	23	0	2	N/A	N/A	N/A	0	0	N/A	N/A

Module One: Introduction to Analysis

	Scored Pres	Pres UCS
	775	107
OQ45.2	717	146
	717	146

	Scored Post	Post UCS
	234	257
	185	305
	185	305

	Matched Pairs
	220
	163
	163

$$\frac{Scored\ Pres}{Scored\ Pres + Pres\ UCS} \quad X100$$

$$\frac{717}{717+146} \quad X\ 100 \quad = \textbf{83.08\%}$$

Module One: Introduction to Analysis

	Scored Pres	Pres UCS		Scored Post	Post UCS		Matched Pairs
	775	107		234	257		220
OQ45.2	717	146		185	305		163
	717	146		185	305		163

$$\frac{Scored\ Posts}{Scored\ Posts + Posts\ UCS}\ X100$$

$$\frac{185}{185+305}\ X\ 100\ = \textbf{37.76\%}$$

Module One: Introduction to Analysis

Scored Pres	Pres UCS		Scored Post	Post UCS		Matched Pairs
775	107		234	257		220
717	146		185	305		163
717	146		185	305		163

OQ45.2

$$\frac{Matched\ Pairs}{Scored\ Pres + \ Pres\ UCS} \quad X100$$

$$\frac{163}{717+146} \quad X\ 100 \quad = \mathbf{18.89\%}$$

Module One: Introduction to Analysis

Program Process Analysis

Definition: The percentage of clients with scored pre, scored post and/or matched pairs that have been entered into the PEI OMA.

Questionnaire Statistics by Billing Provider Report:

Specific Outcomes Measure: _____

Scored Pres	Pres UCS	Min Pre Score	MAX Pre Score	Avg Pre Score	Scored Post	Post UCS	Min Post Score	MAX Post Score	Avg Post Score	Matched Pairs	Completed EBP Matched Pairs	Avg Pre	Avg Post

Scored Pres _____   Scored Posts _____   # Matched Pairs _____

÷ X100   ÷ X100   ÷ X100

Scored Pres + Pres UCS _____   # Scored Posts + Post UCS _____   # Scored Pres + Pres UCS _____

Scored Pres _____%   Scored Posts_____%   Matched Pairs_____%

Questionnaire Statistics:

Specific Outcomes Measure: _____

Scored Pres	Pres UCS	Min Pre Score	MAX Pre Score	Avg Pre Score	Scored Post	Post UCS	Min Post Score	MAX Post Score	Avg Post Score	Matched Pairs	Completed EBP Matched Pairs	Avg Pre	Avg Post

Scored Pres _____   Scored Posts _____   # Matched Pairs _____

÷ X100   ÷ X100   ÷ X100

Scored Pres + Pres UCS _____   # Scored Posts + Post UCS _____   # Scored Pres + Pres UCS _____

Scored Pres _____%   Scored Posts_____%   Matched Pairs_____%

Module One: Introduction to Analysis

- **Questions to explore:**
  - ❑ Are your Program Process collection results at or about countywide averages?

  - ❑ If you notice a difference, is it the Pres with Scores, Posts with Scores or Matched pairs that fall above or below the average?

  - ❑ If percentages of Pres, Posts and/or Matched Pairs fall well above or below averages, note the absolute number of collected Pres and Posts to see if percentages are noteworthy or not.

Module One: Introduction to Analysis

- **Questions to explore:**

  - ❑ Cross reference findings with UCS reasons to see if an explanation for relatively below average Process Data is forthcoming.

  - ❑ What else might account for these findings?

Module One: Introduction to Analysis

COUNTY OF LOS ANGELES - DEPARTMENT OF MENTAL HEALTH
Program Support Bureau - MHSA Implementation and Outcomes Division
Unable to Collect Scores Percentage by Practice

PracticeName *Seeking Safety (SS)*

SA: 1-∞

ProviderName Favorite Provider

Status	Questionnaire Type	UCS Reason	# Unable to Collect	Acknowledged Questionnaries	%Unable to Collect
Inactive	Pre	Administered wrong forms	7	113	6.19%
Inactive	Pre	Parent/care provider unavailable	6	113	5.31%
Inactive	Pre	Outcome measure unavailable	63	113	55.75%
Inactive	Pre	Client refused	1	113	0.88%
Inactive	Pre	Client unavailable	1	113	0.88%
Active	Pre	Outcome measure unavailable	16	53	30.19%
Active	Pre	Parent/care provider unavailable	4	53	7.55%
Active	Pre	Administered wrong forms	4	53	7.55%
Active	Pre	Administration date exceeds acceptable range	6	53	11.32%
Active	Pre	Clinician not trained in outcome measure	1	53	1.89%
Active	Pre	Client unavailable	2	53	3.77%

Module One: Introduction to Analysis

> **"Outcome measure unavailable" accounts for 56%**
> **Of all unable to collect reasons for Inactive Pres**

Status	Questionnaire Type	UCS Reason	# Unable to Collect	Acknowledged Questionnaries	%Unable to Collect
Inactive	Pre	Administered wrong forms	7	113	6.19%
Inactive	Pre	Parent care provider unavailable	6	113	5.31%
Inactive	Pre	Outcome measure unavailable	63	113	55.75%
Inactive	Pre	Client refused	1	113	0.88%
Inactive	Pre	Client unavailable	1	113	0.88%
Active	Pre	Outcome measure unavailable	16	53	30.19%
Active	Pre	Parent/care provider unavailable	4	53	7.55%
Active	Pre	Administered wrong forms	4	53	7.55%
Active	Pre	Administration date exceeds acceptable range	6	53	11.32%
Active	Pre	Clinician not trained in outcome measure	1	53	1.89%
Active	Pre	Client unavailable	2	53	3.77%

Outcomes

Pre-Post Comparisons of Outcome Data

Module One: Introduction to Analysis

COUNTY OF LOS ANGELES - DEPARTMENT OF MENTAL HEALTH
Program Support Bureau - MHSA Implementation and Outcomes Division
Questionnaire Statistics by Billing Provider

Service Area: 1 – 8

LegalEntityNum: 123456

ProviderName: My Favorite Provider

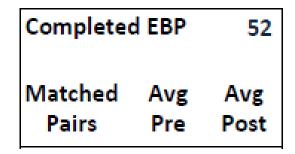**Practice Name** Group Cognitive Behavioral Therapy for Major Depression (Group CBT for Major Depression)

Questionnaire Name	Subscale Name	Scored Pres	Pres UCS	Min Pre Score	MAX Pre Score	Avg Pre Score	Scored Post	Post UCS	Min Post Score	MAX Post Score	Avg Post Score	Matched Pairs	Completed EBP 52		
													Matched Pairs	Avg Pre	Avg Post
Outcome Questionnaire – 45.2*	Total	202	8	19	154	96	51	102	9	128	71	50	44	89	66
Patient Health Questionnaire (PHQ-9)	Total Score	174	35	0	27	17	69	85	0	27	11	68	38	15	8

Module One: Introduction to Analysis

	Scored Pres	Pres UCS	Min Pre Score	MAX Pre Score	Avg Pre Score	Scored Post	Post UCS	Min Post Score	MAX Post Score	Avg Post Score	Matched Pairs	Completed EBP 52		
												Matched Pairs	Avg Pre	Avg Post
OQ 45.2	202	8	19	154	96	51	102	9	128	71	50	44	89	66
PHQ-9	174	35	0	27	17	69	85	0	27	11	68	38	15	8

Module One: Introduction to Analysis

	Scored Pres	Pres UCS	Min Pre Score	MAX Pre Score	Avg Pre Score	Scored Post	Post UCS	Min Post Score	MAX Post Score	Avg Post Score	Matched Pairs	Completed EBP 52		
													Matched Pairs	Avg Pre	Avg Post
OQ 45.2	202	8	19	154	96	51	102	9	128	71	50		44	89	66
PHQ-9	174	35	0	27	17	69	85	0	27	11	68		38	15	8

Module One: Introduction to Analysis

Completed EBP		52
Matched Pairs	**Avg Pre**	**Avg Post**

	Matched Pairs	Avg Pre	Avg Post
OQ 45.2	44	89	66
PHQ-9	38	15	8

Need an n of 20 to interpret results

Module One: Introduction to Analysis

Completed EBP		52
Matched Pairs	Avg Pre	Avg Post

	Matched Pairs	Avg Pre	Avg Post
OQ 45.2	44	89	66
PHQ-9	38	15	8

It's easy to calculate % change!

$$\underline{Avg\ Post\ -\ Avg\ Pre} \qquad X100$$
$$Avg\ Pre$$

$$\frac{66 - 89}{89} \qquad X\ 100 \qquad = \textbf{-25.84\%}$$

Module One: Introduction to Analysis

Table 7a. Outcome Data[±] – Clients who Completed Group CBT		Percent Improvement from Pre to Post	Percent of Clients Showing Reliable Change* from Pre-Group CBT to Post-Group CBT		
			Positive Change	No change	Negative Change
Patient Health Questionnaire (PHQ-9)	TOTAL	37.17% (n=140)	39.29% 55	57.86% 81	2.86% 4
Outcome Questionnaire - 45.2	TOTAL	20.50% (n=129)	43.41% 56	51.16% 66	5.43% 7

Module One: Introduction to Analysis

COUNTY OF LOS ANGELES - DEPARTMENT OF MENTAL HEALTH
Program Support Bureau - MHSA Implementation and Outcomes Division

Questionnaire Statistics

Practice Name   Group Cognitive Behavioral Therapy for Major Depression (Group CBT for Major Depression)

Completed EBP 245

Questionnaire Name	Subscale Name	Scored Pres	Pres UCS	Min Pre Score	MAX Pre Score	Avg Pre Score	Scored Post	Post UCS	Min Post Score	MAX Post Score	Avg Post Score	Matched Pairs	Matched Pairs	Avg Pre Score	Avg Post Score
Youth Outcome Questionnaire – Self Report – 2.0	Critical Items	2	3	6	13	9	0	2	N/A	N/A	N/A	0	0	N/A	N/A
Youth Outcome Questionnaire – Self Report – 2.0	Total	2	3	44	64	54	0	2	N/A	N/A	N/A	0	0	N/A	N/A
Youth Outcome Questionnaire – Self Report – 2.0	Somatic	2	3	5	7	6	0	2	N/A	N/A	N/A	0	0	N/A	N/A
Youth Outcome Questionnaire – Self Report – 2.0	Social Problems	2	3	0	8	4	0	2	N/A	N/A	N/A	0	0	N/A	N/A
Youth Outcome Questionnaire – Self Report – 2.0	Interpersonal Relations	2	3	2	6	4	0	2	N/A	N/A	N/A	0	0	N/A	N/A
Outcome Questionnaire – 45.2*	Interpersonal Relations	717	146	0	40	20	185	305	0	33	16	163	148	19	16
Patient Health Questionnaire (PHQ-9)	Total Score	775	107	0	27	15	234	257	0	27	9	220	164	14	8
Outcome Questionnaire – 45.2*	Total	717	146	1	157	88	185	305	2	129	67	163	148	83	65
Outcome Questionnaire – 45.2*	Symptom Distress	717	146	1	92	54	185	305	0	82	41	163	148	51	39
Outcome Questionnaire – 45.2*	Social Role	717	146	0	32	13	185	305	0	26	10	163	148	12	10
Youth Outcome Questionnaire – Self Report – 2.0	Behavioral Dysfunction	2	3	1	14	7	0	2	N/A	N/A	N/A	0	0	N/A	N/A
Youth Outcome Questionnaire – Self Report – 2.0	Intrapersonal Distress	2	3	19	27	23	0	2	N/A	N/A	N/A	0	0	N/A	N/A

Module One: Introduction to Analysis

ajor Depression)

Completed EBP   245

Scored Pres	Pres UCS	Min Pre Score	MAX Pre Score	Avg Pre Score	Scored Post	Post UCS	Min Post Score	MAX Post Score	Avg Post Score	Matched Pairs	Matched Pairs	Avg Pre Score	Avg Post Score
2	3	6	13	9	0	2	N/A	N/A	N/A	0	0	N/A	N/A
2	3	44	64	54	0	2	N/A	N/A	N/A	0	0	N/A	N/A
2	3	5	7	6	0	2	N/A	N/A	N/A	0	0	N/A	N/A
2	3	0	8	4	0	2	N/A	N/A	N/A	0	0	N/A	N/A
2	3	2	6	4	0	2	N/A	N/A	N/A	0	0	N/A	N/A
717	146	0	40	20	185	305	0	33	16	163	148	19	16
775	107	0	27	15	234	257	0	27	9	220	164	14	8
717	146	1	157	88	185	305	2	129	67	163	148	83	65
717	146	1	92	54	185	305	0	82	41	163	148	51	39
717	146	0	32	13	185	305	0	26	10	163	148	12	10
2	3	1	14	7	0	2	N/A	N/A	N/A	0	0	N/A	N/A
2	3	19	27	23	0	2	N/A	N/A	N/A	0	0	N/A	N/A

Module One: Introduction to Analysis

	Scored Pres	Pres UCS	Min Pre Score	MAX Pre Score	Avg Pre Score	Scored Post	Post UCS	Min Post Score	MAX Post Score	Avg Post Score	Matched Pairs	Completed EBP 245		
													Matched Pairs	Avg Pre Score	Avg Post Score
	775	107	0	27	15	234	257	0	27	9	220		164	14	8
OQ45.2	717	146	1	157	88	185	305	2	129	67	163		148	83	65
	717	146	1	92	54	185	305	0	82	41	163		148	51	39

Module One: Introduction to Analysis

Completed EBP 245		
Matched Pairs	Avg Pre Score	Avg Post Score
164	14	8
148	83	65
148	51	39

OQ45.2

PHQ-9

$$\frac{Avg\ Post\ -\ Avg\ Pre}{Avg\ Pre} \quad X100$$

$$\frac{65 - 83}{83} \quad X\ 100 \quad = \textbf{-21.69\%}$$

Module One: Introduction to Analysis

Outcome Data Analysis

Definition: The percent change in outcome measure scores from Pre to Post.

Questionnaire Statistics:

Measure: _____

Scored Pres	Pres UCS	Min Pre Score	MAX Pre Score	Avg Pre Score	Scored Post	Post UCS	Min Post Score	MAX Post Score	Avg Post Score	Matched Pairs	Completed EBP		
											Matched Pairs	Avg Pre	Avg Post

Avg Post – Avg Pre _____

÷ X100

Avg Pre _____

Δ Pre to Post _____%   # Completing Countywide _____

Questionnaire Statistics by Billing Provider Report:

Measure: _____

Scored Pres	Pres UCS	Min Pre Score	MAX Pre Score	Avg Pre Score	Scored Post	Post UCS	Min Post Score	MAX Post Score	Avg Post Score	Matched Pairs	Completed EBP		
											Matched Pairs	Avg Pre	Avg Post

Avg Post – Avg Pre _____

÷ X100

Avg Pre _____

Δ Pre to Post _____%   # Completing at your Site _____

Module One: Introduction to Analysis

- **Questions to consider:**

  - How do you know whether your clients are getting better?

  - How does your site's "success rate" compare with countywide statistics, or other providers?

  - What hypotheses might be generated to account for your findings?

Module One: Introduction to Analysis

- **Questions to consider:**

  ❑ Does the number of clients said to have completed the practice seem low or about right compared to the number of clients entered into the PEI OMA for the practice?

  ❑ How do pre-post results compare across measures? What questions, if any, arise from differences/similarities in outcomes across measures?

COUNTY OF LOS ANGELES - DEPARTMENT OF MENTAL HEALTH
PROGRAM SUPPORT BUREAU - MHSA IMPLEMENTATION & OUTCOMES DIVISION

PEI Outcomes Report Order Form

Complete one PEI Outcomes Report order form per provider number.

1) Please fill in fields: Date, Evidence-Based Practice(s) (EBP), legal entity name, legal entity number, provider name, provider number, and the name, email address, and phone number of the person completing this form.
2) Indicate with an "X" the report output (PDF or Excel) you are requesting. A PDF report will provide you with print ready reports. An Excel report provides you with data in a raw format that you can re-format.
3) Submit the PEI Outcomes Report Order form by email to PEIoutcomes@dmh.lacounty.gov with "Reports Request" in the subject line.
4) Reports will be emailed and those containing protected health information (PHI) will be sent via secure email.

Date

Provider Information			
Legal Entity Name	Legal Entity #	Provider Name	Provider #

Staff Information		
Name	Email Address	Phone #

Evidence-Based Practice(s)

Report	Report Description	PDF	Excel
Client Service Summary Detail (contains PHI)	Provides a list of clients (active and inactive) entered into the PEI OMA by EBP by Provider.		
Clients billed to an EBP without Core Services	Provides a list of PEI clients billed to an EBP without a core intervention.		
Clients Claimed to PEI but not in OMA (contains PHI)	Provides a list of clients claimed to PEI but not entered in OMA by Provider.		
Clients Claimed to an EBP for PEI (contains PHI)	Provides a list of clients claimed to EBPs by Provider and PEI plans.		

Report	Report Description	PDF	Excel
Client Service Summary Detail (contains PHI)	Provides a list of clients (active and inactive) entered into the PEI OMA by EBP by Provider.		
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Clients Claimed to an EBP for PEI (contains PHI)	Provides a list of clients claimed to EBPs by Provider and PEI plans.		
Clients in OMA not claimed to PEI EBP (contains PHI)	Provides a list of clients entered in OMA by Provider but not claimed to a PEI EBP.		
Compliance Stats by Provider	Reports on the compliance rate of outcomes entered and client treatment cycle statistics by PEI Focus and Practice Name at the Provider level.		
Compliance Stats by Service Area	Reports on the compliance rate of outcomes entered and client treatment cycle statistics by PEI Focus and Practice Name at the service area level.		
Compliance Stats by County	Reports on the compliance rate of outcomes entered and client treatment cycle statistics by PEI Focus and Practice Name at the County level.		
Core Services by Legal Entity	Used to compare PEI units of service and cost by core and non-core services for a selected Legal Entity.		
Core Services by Provider	Used to compare PEI units of service and cost by core and non-core services for a selected provider number.		
EBP Exception	Provides a list of claims by Provider. Claims included in the report have either selected multiple EBPs, multiple EBPs with one service strategy and/or only one or multiple service strategies.		
EBPs Billed to Non PEI Plans	Provides a list of clients billed with an EBP to a non-PEI plan by provider.		
Overlapping EBPs billed to PEI	Provides a list of clients billed to more than one EBP during the same time period.		
Questionnaire Stats by Legal Entity	Shows the number of scored questionnaires by practice in OMA at the Legal Entity level.		
Questionnaire Stats by Provider	Shows the number of scored questionnaires by practice in OMA at the Provider level.		
Questionnaire Stats by County	Shows the number of scored questionnaires by practice in OMA at the County level.		
Unable to Collect	Shows the percentage of unable to collect reasons for questionnaires by practice.		

Detailed Report

"Exception" Report

"UCS" Report

You can find the
PEI Outcomes Report Order Form at

dmhoma@pbworks.com

COUNTY OF LOS ANGELES - DEPARTMENT OF MENTAL HEALTH
PROGRAM SUPPORT BUREAU - MHSA IMPLEMENTATION & OUTCOMES DIVISION

PEI Outcomes Report Order Form

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Clients in OMA not claimed to PEI EBP (contains PHI)	Provides a list of clients entered in OMA by Provider but not claimed to a PEI EBP.		
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Compliance Stats by County	Reports on the compliance rate of outcomes entered and client treatment cycle statistics by PEI Focus and Practice Name at the County level.		
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Core Services by Provider	Used to compare PEI units of service and cost by core and non-core services for a selected provider number.		
EBP Exception	Provides a list of claims by Provider. Claims included in the report have either selected multiple EBPs, multiple EBPs with one service strategy and/or only one or multiple service strategies.		
EBPs Billed to Non PEI Plans	Provides a list of clients billed with an EBP to a non-PEI plan by provider.		

Thank You!

For Questions or Additional Information:

PEI Outcomes e-mail address
PEIOutcomes@dmh.lacounty.gov

Outcomes Project Website
http://dmhoma.pbworks.com
(General Learning Network information,
worksheets, Quick Guides, trainings, FAQs and more)