

COUNTY OF LOS ANGELES – DEPARTMENT OF MENTAL HEALTH
PROGRAM SUPPORT BUREAU – MHTA IMPLEMENTATION AND OUTCOMES DIVISION



WELLNESS • RECOVERY • RESILIENCE

**Prevention & Early Intervention: Aggression Replacement Training (ART)
Countywide Aggregate Practice Outcomes Dashboard Report**

Outcome Data Submission through October 24, 2012

Participating Legal Entities Include:

ETTIE LEE HOMES
FIVE ACRES
HILLSIDES
OPTIMIST YOUTH HOMES
PACIFIC CLINICS
PENNY LANE CENTERS
SPECIAL SERVICE FOR GROUPS
STAR VIEW ADOLESCENT CENTER
TOBIN WORLD

Table 1. ART Status since inception to October 24, 2012

# 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	Tx Pre/Post Match
n=2,224	55.17% (n=1,227)	n=1,262	2.85% (n=35)	16.79% (n=206)	23.47% (n=288)	14.10% (n=173)

Note 1: Clients Claimed is reported based on ART being selected as the EBP in the PEI Plan and has ≥ 1 core services claimed to the practice;

Note 2: Completion and Drop Out are reported based on responses indicated of "yes" or "no" in the PEI OMA for EBP completed.

Table 2. Child Demographics – Clients Who Entered ART

Total Clients	Age	Gender		Ethnicity					Primary Language		
	Average	Female	Male	African-American	Asian/ Pacific Islander	Caucasian	Hispanic/ Latino	Other	English	Spanish	Other
n=1,227	15	25.10% (n=308)	74.90% (n=919)	25.75% (n=316)	2.28% (n=28)	9.94% (n=122)	58.52% (n=718)	3.50% (n=43)	83.26% (n=1,026)	14.67% (n=180)	1.71% (n=21)

Note1: Age is calculated at the date of the first EBP.

Note2: Percentages may not total 100 due to missing data

Table 3. Top 5 most frequently reported DSM-IV Primary Axis I Diagnosis – Clients Who Entered ART

Total Clients	Oppositional Defiant Disorder	Mood Disorder NOS	Disruptive Behavior Disorder NOS	Attention-Deficit/Hyperactivity Disorder, Combined Type or Hyperactive Impulse Type	Depressive Disorder NOS	Other Diagnosis
n=1,262	15.53% (n=196)	13.23% (n=167)	12.52% (n=158)	11.25% (n=142)	9.27% (n=117)	38.19% (n=482)

Outcome measures administered	Pre-test with scores	Post-test with scores	Clients who completed both a Pre and Post measure with scores
ECBI	52.93% (n=460)	26.99% (n=95)	6.67% (n=58)
SESBI	11.90% (n=89)	4.82% (n=15)	1.34% (n=10)
Outcome Questionnaire – 45.2*	100% (n=2)	0% (n=0)	0% (n=0)
Youth Outcome Questionnaire - 2.01 (Parent)	54.99% (n=568)	25.40% (n=95)	6.68% (n=69)
Youth Outcome Questionnaire – Self Report – 2.0	82.41% (n=773)	45.81% (n=164)	13.33% (n=125)

Note: The % indicated for Pre-test with scores, Post-test with scores, and both a Pre and Post measure with scores is calculated by dividing the n=# w/ scores by the number acknowledge in the PEI OMA system for each measure.

ECBI	PRE (n=409)	Parent/care provider unavailable	Administration date exceeds acceptable range	Clinician not trained in outcome measure	Outcome measure unavailable	Invalid outcome measure	Other reasons
		38.88% (n=159)	20.29% (n=83)	11.98% (n=49)	11.49% (n=47)	5.38% (n=22)	11.98% (n=49)
POST (n=257)	Premature termination	Parent/care provider unavailable	Administration date exceeds acceptable range	Clinician not trained in outcome measure	Invalid outcome measure	Other reasons	
	28.79% (n=)	27.69% (n=71)	10.51% (n=27)	10.12% (n=26)	8.17% (n=21)	14.79% (n=38)	

SESBI	PRE (n=659)	Not required (SESBI only)	Teacher unavailable	Administration date exceeds acceptable range	Outcome measure unavailable	Other reasons	
		49.01% (n=323)	27.16% (n=179)	9.56% (n=63)	6.98% (n=)	7.28% (n=48)	
	POST (n=296)	Not required (SESBI only)	Teacher unavailable	Premature termination	Administration date exceeds acceptable range	Outcome measure unavailable	Other reasons
		52.70% (n=323)	21.28% (n=63)	13.51% (n=40)	5.74% (n=17)	2.03% (n=6)	4.73% (n=14)

YOQ- 2.01 (Parent)	PRE (n=466)	Parent/care provider unavailable	Administration date exceeds acceptable range	Outcome measure unavailable	Parent/care provider refused	Premature Termination	Other reasons
		60.30% (n=281)	20.39% (n=95)	5.58% (n=26)	4.08% (n=19)	2.15% (n=10)	7.51% (n=35)
	POST (n=279)	Parent/care provider unavailable	Premature termination	Administration date exceeds acceptable range	Lost contact with parent/care provider	Parent/care provider refused	Other reasons
		43.73% (n=122)	34.05% (n=95)	7.89% (n=22)	6.81% (n=19)	2.87% (n=8)	4.66% (n=13)

Table 5d. Top Reasons Given for “Unable to Collect.”

		Administration date exceeds acceptable range	Client refused	Outcome measure unavailable	Client unavailable	Invalid outcomes measure	Other reasons
		PRE (n=165)	41.82% (n=69)	21.21% (n=35)	10.91% (n=18)	8.48% (n=14)	6.67% (n=11)
		Premature termination	Lost contact with client	Administration date exceeds acceptable range	Client unavailable	Client refused	Other reasons
		POST (n=194)	51.55% (n=100)	14.43% (n=28)	10.82% (n=21)	10.31% (n=20)	6.70% (n=13)

Table 6. Service Delivery Data – Clients Who Completed ART

Total Clients	Average Length of Treatment	Average Number of Sessions
(n=206)	24 weeks Range: 4-84 weeks (n=206)	32 sessions Range: 1-237sessions (n=206)

Note: Completed ART is defined as having a ‘yes’ for completion indicated in the PEI OMA.

Table 7. Child Outcome Data[‡] – Clients who Completed ART				
All Clients (n=1,117)				
		Percent of Clients Showing Reliable Change[‡] from Pre-ART to Post-ART		
		Positive Change	No Change	Negative Change
Eyberg Child Behavior Inventory (ECBI)	Intensity Raw Score	21.43% (n=12)	53.57% (n=30)	25% (n=14)
	Problem Raw Score	19.64% (n=11)	60.71% (n=34)	19.64% (n=11)
Sutter-Eyberg Child Behavior Inventory (SESCBI)	Intensity Raw Score	00.00% (n=0)	00.00% (n=0)	00.00% (n=0)
	Problem Raw Score	00.00% (n=0)	00.00% (n=0)	00.00% (n=0)
Youth Outcome Questionnaire (YOQ) 2.01 (Parent) Total Score		37.31% (n=25)	49.25% (n=33)	13.43% (n=9)
Youth Outcome Questionnaire (YOQ-SR) Total Score		31.67% (n=38)	43.33% (n=52)	25% (n=30)

[‡]Please see Appendix A. for a description of the ART outcome measures and the outcome indicators (percent improvement in average scores; and, percent of clients showing reliable change).

Note1: Possible ECBI Intensity Raw Scores range from 36-252, with a clinical cutpoint of 131; and possible ECBI Problem Raw Scores range from 0-36, with a clinical cutpoint of 15.

Note2: Possible YOQ Total Scores range from -16-240, with a clinical cutpoint of 46.

Note3: Aggregate outcome data based on fewer than 20 children are not reported.

Note4: Positive Change indicates that the scores decreased from the pre to the post measures.

Appendix

Eyberg Child Behavior Inventory (ECBI) The Eyberg Child Behavior Inventory is a 36-item parent-report measure that assesses behavioral problems in children from the ages of 2 through 16. Each behavior problem is rated on a 7-point intensity scale and a Yes-No problem scale that indicates whether the child's behavior is a problem for the parent. The ECBI Intensity scale scores can range from 36-252 with a clinical cut point of 131. The ECBI problem scale can range from 0-36 with a clinical cut point of 15.

Sutter-Eyberg Student Behavior Inventory-Revised (SESBI-R) The Sutter-Eyberg Student Behavior Inventory-Revised is a 38-item measure that assesses behavior problems in children from ages 2 through 16. The SESBI is similar in format and content to the ECBI but is designed to be completed by teachers in a school setting. The SESBI Intensity scale scores can range from 38-266 with a clinical cut point of 151. The SESBI problem scale can range from 0-38 with a clinical cut point of 19. The number and percent improvement in ECBI (SESBI) problems and Intensity scales scores from Aggression Replacement Training (ART) is reported when available.

Youth Outcomes Questionnaires (YOQ (Parent) and YOQ-SR)

The Youth Outcome Questionnaire is a 64-item parent-report that assesses global distress in a child's/adolescent's life from 4-17 years of age. The YOQ-SR is the Self-report version of the YOQ and is completed by the child/adolescent him or herself. Scores on both measures can range from -16 to 240. Scores of 46 or higher are most similar to a clinical population on the YOQ. A score of 47 is most similar to that of a clinical population on the YOQ-SR.

Reliable Change Index

When comparing Pre and Post scores, it is very helpful to know whether the change reported represents the real effects of the treatment or errors in the system of measurement. The Reliability of Change Index (RCI) is a statistical way of helping to insure that the change recorded between pre and post assessments exceeds that which would be expected on the basis of measurement error alone. The RCI has been calculated using the Jacobson and Truax (1991) method and indicates when change exceeds that which would be expected on the basis of error at the $p < .05$ probability level. For a more in-depth discussion of Reliability of Change see Jacobson, N. S., & Truax, P. (1991). Clinical Significance: A statistical approach to defining meaningful change in psychotherapy research. *Journal of Consulting and Clinical Psychology*, 59, 12-19. Also see Wise, E. A. (2004). Methods for analyzing psychotherapy outcomes: A review of clinical significance, reliable change, and recommendations for future directions. *Journal of Personality Assessment*, 82(1), 50-59.

The number and percent of clients experiencing positive change, no change and negative change are recorded in table 6. Healthful change in each of the measures cited here means that scores have decreased in value from pre to post test administrations (i.e. recorded a negative change on the RCI). To help avoid confusion, healthful reliable change is presented as positive while unhealthful reliable change is presented as negative change.