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

WELLNESS · RECOVERY · RESILIENCE

Prevention & Early Intervention: Crisis Oriented Recovery Services (CORS)

Countywide Aggregate Practice Outcomes Dashboard Report

Outcome Data Submission through June 25, 2014

Participating Legal Entities Include:

Alcott Center For MHS	Personal Involvement Center Inc.	Downtown MHC
Amanecer Community Counseling Services	San Fernando Valley Community MHC	Harbor-UCLA Medical
California Institute of Health & Social Services	Special Service For Groups	Hollywood MHC
Center for Integrated Family Health & Services	St. Johns Hospital Child Study Center	Long Beach MHS Adult Clinic
Child and Family Center	St. Joseph Center	Northeast MHC
Didi Hirsch Psychiatric Services	VIP Community MHC	Rio Hondo Community MHC
Dignity Health	**L.A. COUNTY DMH**	Roybal Family MHS
Drew Child Development Corporation	American Indian Counseling Center	San Antonio MHC
El Centro de Amistad, Inc.	Antelope Valley MHC	San Pedro MHC
Enki Health and Research Systems	Arcadia MHS	South Bay MHS
Heritage Clinic	Augustus F Hawkins Family MHS	West Central Family MHS
Hillview MHC, Inc.	Coastal API Family MHC	
Kedren Community MHC	Compton Family MHS	

Agencies submitting outcomes that are not approved to provide CORS by PEI Administration:

Child and Family Guidance Center
Jewish Family Services of LA

Table 1. CORS Status Since Inception to June 25, 2014					
# 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
11601	12.76%	1535	3.38%	41.95%	21.11%
	n= 1480	n=	50	644	324

Note 1: Clients Claimed was based on CORS being selected as the EBP in a PEI Plan and having $\geq$ 1 core services claimed to the practice starting July 1, 2011.

Note 2: Number of clients Completing Tx or Dropping-Out of Tx was determined by whether the EBP was said to be completed (e.g. answered "yes" or "no") in the PEI OMA.

Table 2. Client Demographics - Clients Who Entered CORS	Age	Gender			Ethnicity					Primary Language		
Total Number of Clients	Average	Female	Male	Unknown	African-American	Asian / Pacific Islander	Caucasian	Hispanic / Latino	Other	English	Spanish	Other
1480	21	52.43%	47.43%	0.14%	26.01%	2.70%	7.97%	56.55%	6.76%	67.64%	29.32%	3.04%
	n=	776	702	2	385	40	118	837	100	1001	434	45

Note 1: Age is calculated at the date of the first EBP.

Note 2: Percentages may not total 100 due to missing data and/or rounding errors.

Table 3: Top 5 Most Frequently Reported DSM-IV Primary Axis Diagnosis - Clients Who Entered CORS						
Total Treatment Cycles	Depressive Disorder NOS	Mood Disorder NOS	Attention-Deficit/Hyperactivity Disorder, Combined Type or Hyperactive Impulse Type	Adjustment Disorder With Anxiety and Depressed Mood	Disruptive Behavior Disorder NOS	Other
1535	14.27%	7.43%	7.36%	6.25%	5.86%	58.83%
n=	219	114	113	96	90	903

*See breakout of "Other" on the supplemental information page.

Table 4: Program Process Data - Clients Who Entered CORS			
Outcome Measures Administered	Pre-Test with Scores	Post-test with Scores	Clients Who Completed both a Pre and Post Measure with Scores
Youth Outcome Questionnaire - 2.01 (Parent)	85.55%	62.55%	32.98%
n=	817	339	315
Ackn=	955	542	955
Youth Outcome Questionnaire – Self Report – 2.0 (YOQ-SR)	83.78%	62.84%	27.78%
n=	377	137	125
Ackn=	450	218	450
Outcome Questionnaire - 45.2	76.10%	46.03%	20.72%
n=	382	116	104
Ackn=	502	252	502

Note 1: Number of acknowledged measures (Ackn=) is determined by the number of required measures that receive a score or an unable to collect reason code.

Note 2: The % indicated for Pre-test with scores, Post-test with scores, and both a Pre- and Post-test with scores is calculated by dividing the (n=#) by the number acknowledged (Ackn=#) in the PEI OMA system for each measure. The number acknowledged (Ackn=#) for those with Pre and Post scores is an estimate based on the greatest number of matches that could be expected given the number of Pre scores acknowledged.

Table 5a. Top Reasons Given for "Unable to Collect"							
Youth Outcome Questionnaire - 2.01 (Parent)	Total Pre 138	Parent/care provider unavailable	Administration date exceeds acceptable range	Outcome measure unavailable	Invalid outcome measure	Parent/care provider refused	Other Reasons
	percent	43.48%	20.29%	16.67%	7.25%	5.07%	7.25%
	n	60	28	23	10	7	10
	Total Post 203	Parent/care provider unavailable	Outcome measure unavailable	Premature termination	Administration date exceeds acceptable range	Lost contact with parent/care provider	Other Reasons
	percent	52.71%	13.79%	12.32%	8.87%	6.90%	5.42%
	n	107	28	25	18	14	11

Table 5b. Top Reasons Given for "Unable to Collect"							
Youth Outcome Questionnaire Self Report – 2.0 (YOQ-SR)	Total Pre 73	Client unavailable	Administration date exceeds acceptable range	Outcome measure unavailable	Client refused	Administered wrong forms	Other Reasons
	percent	31.51%	20.55%	19.18%	16.44%	5.48%	6.85%
	n	23	15	14	12	4	5
	Total Post 81	Client unavailable	Lost contact with client	Administration date exceeds acceptable range	Outcome measure unavailable	Premature termination	Other Reasons
	percent	33.33%	18.52%	14.81%	14.81%	13.58%	4.94%
	n	27	15	12	12	11	4

Table 5c. Top Reasons Given for "Unable to Collect"							
Outcome Questionnaire - 45.2	Total Pre 120	Outcome measure unavailable	Clinician not trained in outcome measure	Client refused	Administration date exceeds acceptable range	Client unavailable	Other Reasons
	percent	21.67%	19.17%	15.00%	12.50%	11.67%	20.00%
	n	26	23	18	15	14	24
	Total Post 136	Client unavailable	Lost contact with client	Outcome measure unavailable	Administration date exceeds acceptable range	Client refused	Other Reasons
	percent	28.68%	22.79%	10.29%	9.56%	9.56%	19.12%
	n	39	31	14	13	13	26

Table 6. Service Delivery Data – Clients Who Completed CORS							
Total Treatment Cycles 644	Average Length of Treatment in Weeks	Range of Treatment Weeks		Average Number of Sessions	Range of Sessions		
	10	Min 0	Max 69	8	Min 1	Max 49	

Note: Completed CORS is defined as having a 'yes' for completion indicated in the PEI OMA.

Table 7a. Outcome Data± – Clients who Completed CORS					
		Percent Improvement from Pre to Post	**Percent of Clients Showing Reliable Change* from Pre-CORS to Post-CORS**		
			Positive Change	**No change**	**Negative Change**
Youth Outcome Questionnaire (YOQ) - 2.01 (Parent)	**TOTAL**	28.24%	42.30%	50.49%	7.21%
		(n=305)	129	154	22
Youth Outcome Questionnaire - Self Report - 2.0 (YOQ-SR)	**TOTAL**	29.85%	40.68%	50.00%	9.32%
		(n=118)	48	59	11
Outcome Questionnaire - 45.2	**TOTAL**	22.80%	36.73%	58.16%	5.10%
		(n=98)	36	57	5

±Please see Appendix A. for a description of the CORS outcome measures and the outcome indicators (percent improvement in average scores; and, percent of clients showing reliable change).
Note 2: Possible YOQ-Parent Total Scores can range from -16 -240, with a clinical cutpoint of 46
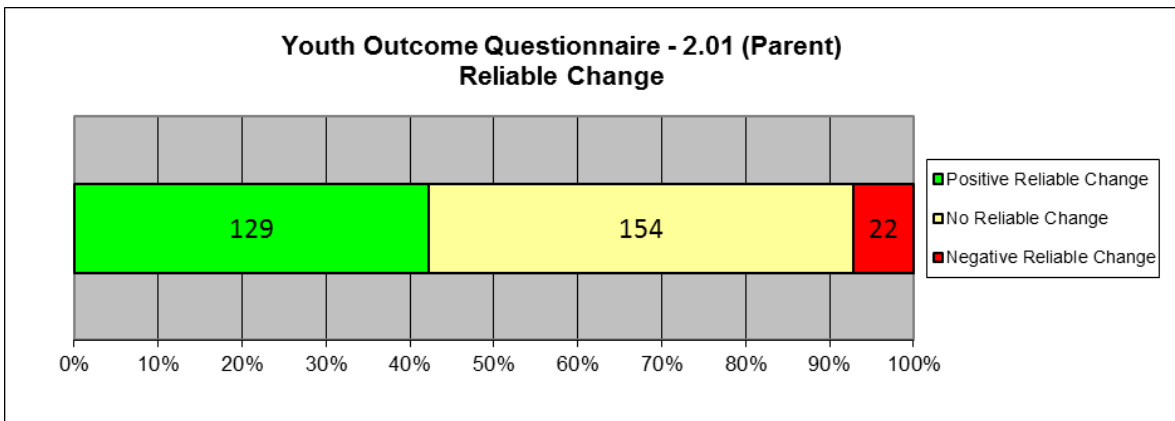Note 3: Possible YOQ-SR Total Scores can range from -16-240, with a clinical cutpoint of 47.
Note 4: Aggregate outcome data based on fewer than 20 clients are not reported.
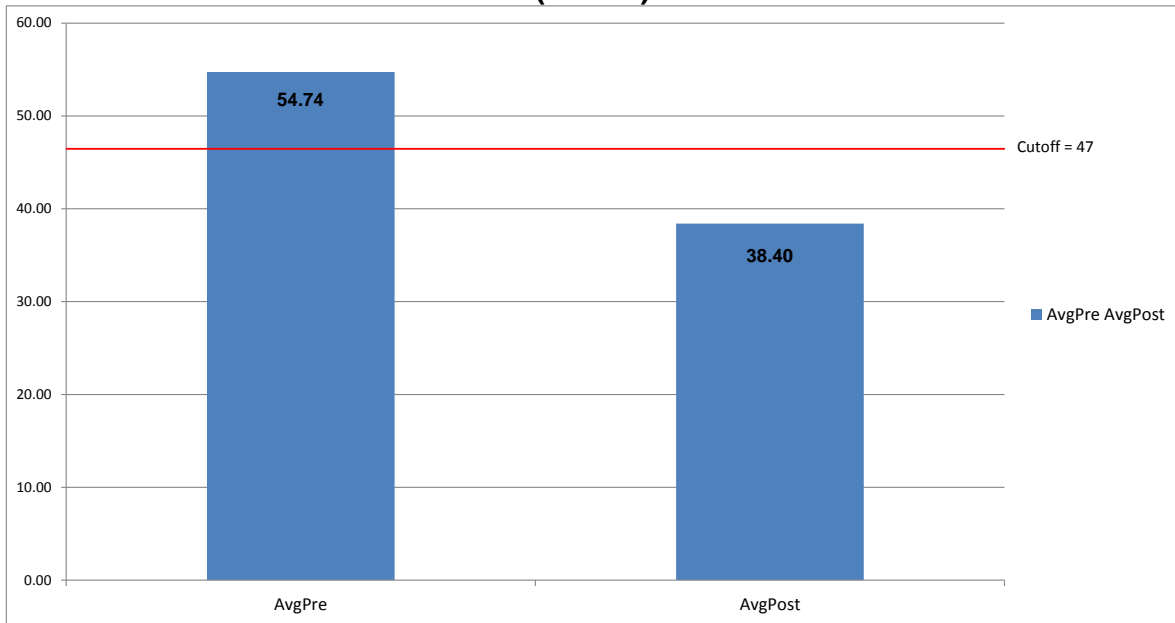Note 5: Positive Change indicates that the scores decreased from the pre to the post measures.
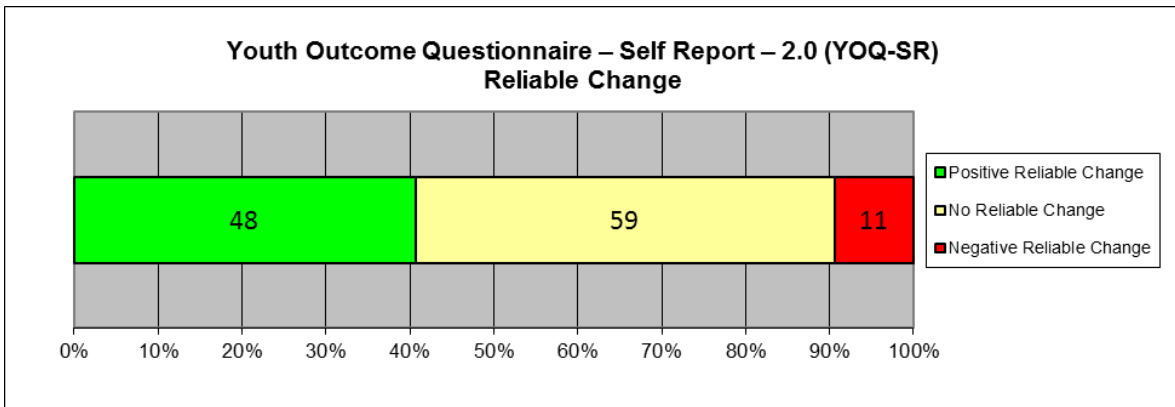
Youth Outcome Questionnaire (YOQ) - 2.01 (Parent)
(N=305)

Cutoff = 46

AvgPre: 55.52
AvgPost: 39.84
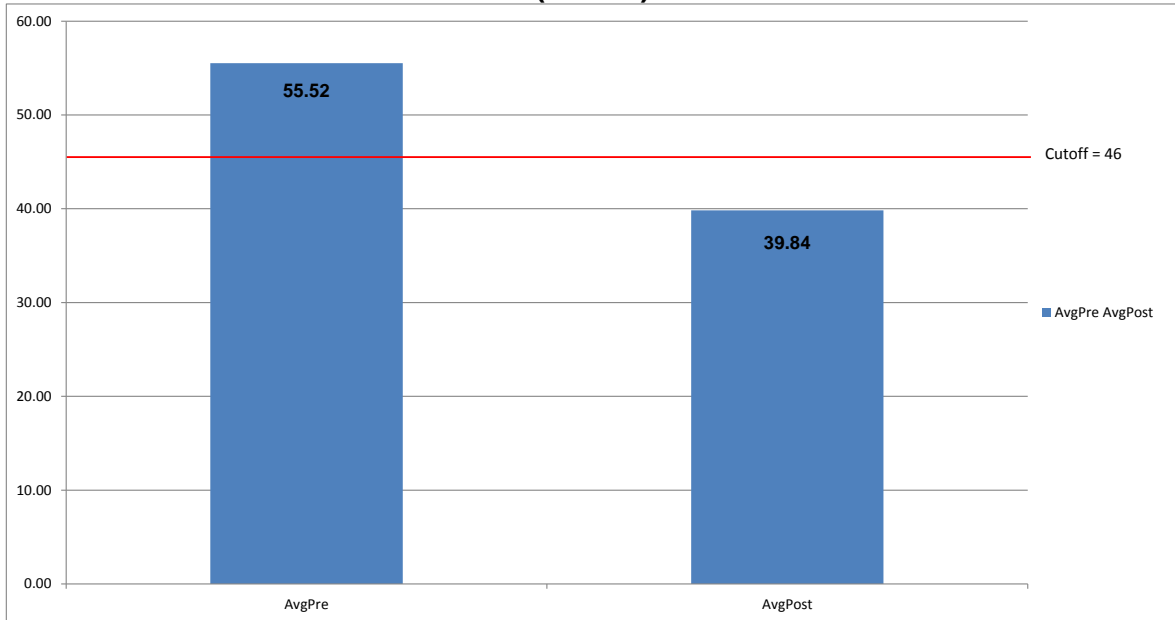
Youth Outcome Questionnaire - 2.01 (Parent)
Reliable Change

Positive Reliable Change: 129
No Reliable Change: 154
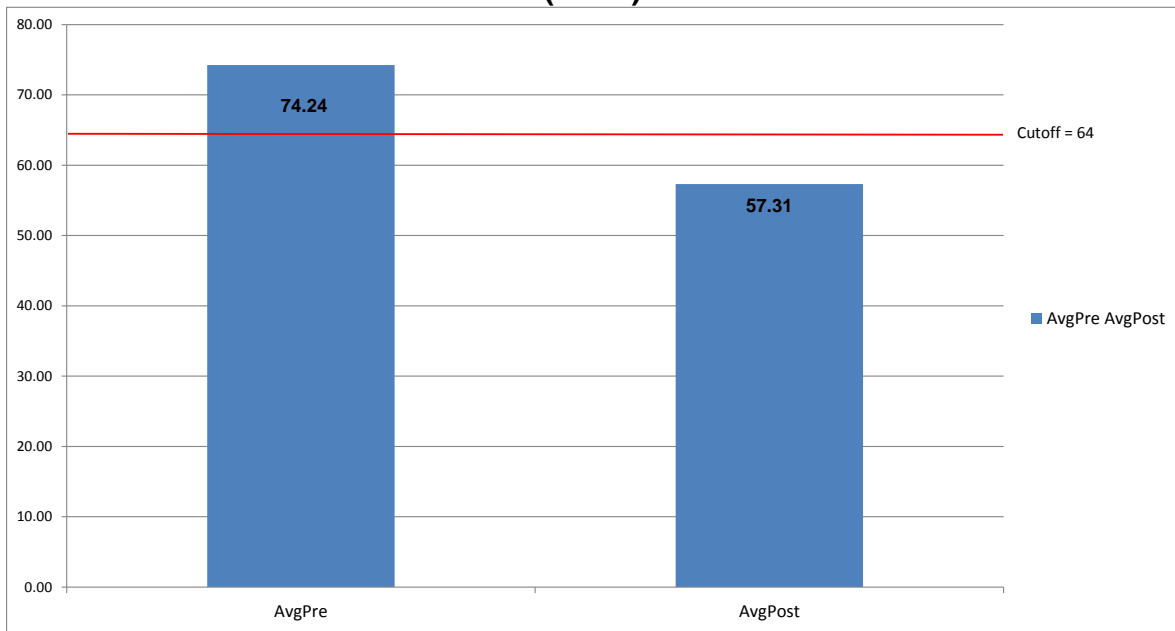Negative Reliable Change: 22

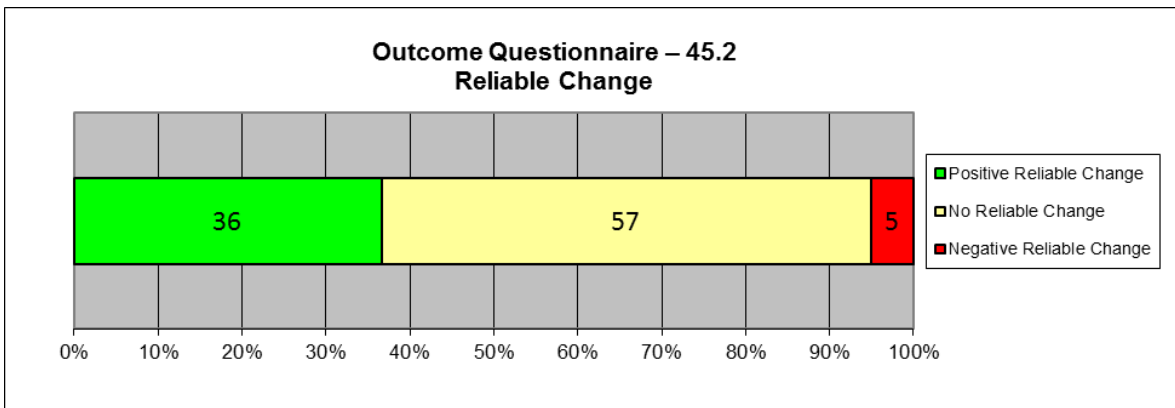## Youth Outcome Questionnaire – Self Report – 2.0 (YOQ-SR)
(N=118)

Youth Outcome Questionnaire – Self Report – 2.0 (YOQ-SR)
Reliable Change

Outcome Questionnaire – 45.2
(N=98)

Outcome Questionnaire – 45.2
Reliable Change

Appendix

<u>Youth Outcomes Questionnaires (YOQ (Parent) and YOQ-SR)</u>
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.

<u>Outcomes Questionnaires (OQ)</u>
The Outcome Questionnaire is a 45-item self-report that assesses global distress in a client's life from ages 19 and older. Total Scores on this measure can range from 0 to 180, with scores of 64 or higher indicating clinical significance.

<u>Reliable Change Index</u>
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 <u>decreased</u> 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.

Supplemental Information for Table 3 "Other" Diagnosis Category

DSM-IV Primary Axis Diagnosis - Clients Who Entered CORS	n	Percent
Adjustment Disorder With Depressed Mood	82	9.08%
Post-Traumatic Stress Disorder	64	7.09%
Anxiety Disorder NOS	60	6.64%
Oppositional Defiant Disorder	49	5.43%
Adjustment Disorder Unspecified	47	5.20%
Major Depressive Disorder, Recurrent, Moderate	46	5.09%
Major Depressive Disorder, Rec., Severe W/O Psychotic Features	43	4.76%
Adjustment Disorder W/Mixed Disturbance Emotion and Conduct	40	4.43%
Adjustment Disorder With Anxiety	37	4.10%
Major Depressive Disorder, Single Episode, Unspecified	35	3.88%
Generalized Anxiety Disorder	32	3.54%
Psychotic Disorder NOS	31	3.43%
Dysthymic Disorder	29	3.21%
Major Depressive Disorder, Rec., Severe With Psychotic Features	26	2.88%
Adjustment Disorder With Disturbance of Conduct	21	2.33%
Attention-Deficit/Hyperactivity Disorder, Predominantly Inattentive Type	20	2.21%
Attention-Deficit/Hyperactivity Disorder NOS	18	1.99%
Major Depressive Disorder, Single Episode, Mild	18	1.99%
Major Depressive Disorder, Single Episode, Moderate	17	1.88%
Major Depressive Disorder, Recurrent, Mild	13	1.44%
Bipolar Disorder NOS	13	1.44%
Major Depressive Disorder, SE, Severe W/O Psychotic Features	12	1.33%
Acute Stress Disorder	11	1.22%
Schizoaffective Disorder	11	1.22%
Schizophrenia, Paranoid Type	10	1.11%
Disorder of Infancy, Childhood, or Adolescence NOS	10	1.11%
Major Depressive Disorder, Recurrent, Unspecified	9	1.00%
Conduct Disorder, Adolescent-Onset Type	8	0.89%
Panic Disorder Without Agoraphobia	8	0.89%
Pervasive Developmental Disorder NOS/Asperger's Disorder/Rett's Disorder	7	0.78%
Panic Disorder With Agoraphobia	6	0.66%
Bipolar II Disorder	5	0.55%
Separation Anxiety Disorder	5	0.55%
Major Depressive Disorder, SE, Severe With Psychotic Features	5	0.55%
Mood Disorder Due to …(Indicate Medical Condition)	5	0.55%
Bipolar I Disorder, Single Manic Episode, Unspecified	3	0.33%
Conduct Disorder, Childhood-Onset Type	3	0.33%
Social Phobia	3	0.33%
Obsessive-Compulsive Disorder	3	0.33%
Impulse-Control Disorder NOS	3	0.33%

DSM-IV Primary Axis Diagnosis - Clients Who Entered CORS	n	Percent
Diagnosis Deferred (code invalid as Secondary/Axis II Diagnosis)	3	0.33%
Bipolar I Disorder, MRE, Mixed, Severe With Psychotic Features	2	0.22%
Brief Psychotic Disorder	2	0.22%
Schizophrenia, Undifferentiated Type	2	0.22%
Bulemia Nervosa	1	0.11%
Drug Induced Psychotic Disorder, With Hallucinations	1	0.11%
Bipolar I, SME, Severe W/O Psychotic Features	1	0.11%
Learning Disorder NOS	1	0.11%
Occupational Problem	1	0.11%
Specific Phobia	1	0.11%
Bipolar I Disorder, MRE, Manic, Severe With Psychotic Features	1	0.11%
Drug Induced Psychotic Disorder, With Delusions	1	0.11%
Drug Induced Mood Disorder	1	0.11%
Unspecified Mental Disorder (Nonpsychotic)	1	0.11%
Cannabis Abuse	1	0.11%
Selective Mutism	1	0.11%
Identity Problem	1	0.11%
Major Depressive Disorder, Recurrent, In Partial Remission	1	0.11%
Polysubstance Dependence	1	0.11%
Bipolar I Disorder, Single Manic Episode, Moderate	1	0.11%
Parent-Child Relational Problem	1	0.11%
Bereavement	1	0.11%
Psychotic Disorder Due to …(Indicate Medical Condition) with Delusions	1	0.11%
Delusional Disorder	1	0.11%
Bipolar I Disorder, MRE, Unspecified	1	0.11%
No Diagnosis (code invalid as Secondary/Axis III Diagnosis)	1	0.11%
Autistic Disorder	1	0.11%
Dissociative Amnesia	1	0.11%
Drug Related Disorder NOS	1	0.11%
Intermittent Explosive Disorder	1	0.11%
TOTAL:	903	100.00%

*Percentage is not exact due to rounding errors.