# Comparisons of Adolescents and Adults by ASAM profile using GAIN data from the Drug Outcome Monitoring Study (DOMS): Preliminary Data Tables

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# **Overview**

The Drug Outcome Monitoring Study (DOMS) was conducted from 1995-1997 do develop bench marks for program planning and evaluation. Its goals were to a) design an outcome monitoring system that could be used in an ASAM type continuum of care, b) pilot test the system to demonstrate its feasibility, and c) conduct exploratory analysis of "case mix" to predict outcomes.

This file contains preliminary data and norms from DOMS. Tables 1 and 2 compare the characteristics of adolescents and adults and by level of care. Tables 3 and 4 review their respective norms on the GAIN Appendix A gives the definition and interpretation of these scales. Table 5 gives a summary of the change between the 3 months prior to intake and the 3 months after discharge (including effect size) for the GAIN functioning and service utilization scales. Appendix B gives a detailed breakdown by level of care and Appendix C has a summary table of effect sizes by detailed level of care.

Figures 1-4 graphically represent the data from Table 1 by adolescent level of care. Figures 5 and 6 shows to pre to post test change in the GAIN functioning and service utilization scales by adolescent level of care and Figure 7 converts these differences into effect sizes. For the latter, negative means less and positive more. For functioning scales negative is good, for functioning scales the interpretation is not always straight forward (i.e., someone who is sick should seek help). Figures 8-14 show the parallel information for adults by level of care.

## **Method**

- \* Data collected from 8/96 to 12/97
- \* Interviews and locator information collected at intake in person by clinical staff and 90 days after discharge from treatment system via telephone by research staff.
  - \* Assessments used Global Appraisal of Individual Needs (GAIN)
    - \* 271 adolescents from 10 adolescent treatment units
      - \* 465 adults from 11 adult treatment units
- \* Total columns weighted post hoc to reflect state modality distributions
- \* Follow-up conducted with 424 of 454 (93.4%) who had been discharged from the treatment system for 3+ months by the end of the study.

Treatment Modality	OP	STR	LTR	Total
Clients	N=54	N=119	N=98	N=271
Variable				
Female	25.9%	56.3%	14.3%	35.1%
Non-white	24.1%	29.4%	34.7%	30.3%
Single parent family	44.4%	41.2%	42.9%	42.4%
Employed/In school	61.1%	58.8%	59.2%	59.4%
Married/Living as married	2.0%	0.8%	1.0%	1.1%
Current CJ Involvement	74.1%	63.9%	82.7%	72.7%
Ever Homeless	18.5%	18.5%	17.3%	18.1%
Weekly Alcohol Use in Home	20.4%	26.9%	21.4%	23.6%
Weekly Drug Use in Home	5.6%	16.8%	12.2%	12.9%
Been Victimized	64.8%	77.3%	67.3%	71.2%
Age <15 years	18.5%	15.1%	11.2%	14.4%
15-18 years	81.5%	84.8%	88.8%	85.6%
19-29 years	NA	NA	NA	NA
30+ years	NA	NA	NA	NA
Controlled Environment	46.3%	68.9%	76.5%	67.2%
<b>Prior SA Treatment Episodes</b>				
None	59.3%	25.2%	22.4%	31.0%
One	24.1%	29.4%	35.7%	30.6%
2+ episodes	16.7%	45.4%	41.8%	38.4%
<b>Drug Use:</b> (Past 90 Days)				
Weekly Alcohol Use	3.8%	36.4%	27.8%	26.9%
Weekly Marijuana Use	40.7%	59.7%	68.4%	59.0%
Weekly Crack/Cocaine Use	1.9%	10.9%	12.2%	9.6%
Weekly Heroin/Opiod Use	1.9%	7.6%	3.1%	4.8%
Weekly Other Drug Use	5.6%	16.8%	14.3%	13.7%
Alcohol Severity:				
No use	1.9%	2.5%	0.0%	1.5%
Use	31.5%	18.5%	19.4%	21.4%
Abuse	51.9%	37.0%	33.7%	38.7%
Dependence	0.0%	5.0%	7.1%	4.8%
DI ' 1 ' 1D 1	1.4.00/	27.00/	20.00/	22 60/

14.8%

37.0%

39.8%

33.6%

Physiological Dependence

<b>Treatment Modality</b>	OP	STR	LTR	Total
Clients	N=54	N=119	N=98	N=271
Drug Use Severity:				
No use	0.0%	1.7%	0.0%	0.7%
Use	24.1%	5.0%	2.0%	7.7%
Abuse	33.3%	30.3%	15.3%	25.5%
Dependence	3.7%	8.4%	7.1%	7.0%
Physiological Dependence	38.9%	54.6%	75.5%	59.0%
Biomedical:				
Health Distress <sup>1</sup>	48.1%	58.8%	63.9%	58.6%
Pregnant within Past Year <sup>2</sup>	7.1%	16.4%	7.1%	13.7%
Mental Health:				
Acute Mental Distress <sup>3</sup>	18.9%	40.0%	37.6%	34.4%
Acute Traumatic Stress <sup>4,5</sup>	22.2%	24.1%	50.0%	35.7%
ADHD <sup>4,6</sup>	55.1%	48.0%	60.2%	55.6%
Conduct Disorder <sup>4,7</sup>	34.7%	48.0%	65.9%	52.9%
Collduct Disorder	34.770	46.070	03.970	32.970
HIV Risk: (Past 90 Days)				
Sexually Active	61.1%	73.1%	72.4%	70.5%
Multiple Sexual Partners	25.9%	39.5%	39.8%	36.9%
Had Sex without any type of				
Protection	40.7%	47.9%	48.0%	46.5%
Any Needle Use	0.0%	4.2%	3.1%	3.0%
Any Needle Sharing	0.0%	2.5%	0.0%	1.1%
Length of Stay: <sup>8</sup>				
Less than 1 month	4.7%	26.9%	36.7%	26.9%
1 to 2 months	14.0%	48.1%	19.4%	30.6%
3+ months	81.4%	25.0%	43.9%	42.4%
Days of Treatment After System	n Dischar	ge		
None	70.6%	58.3%	48.7%	55.7%
1-6	8.8%	10.4%	12.4%	11.1%
7-12	5.9%	7.8%	12.4%	9.5%
13-44	5.9%	14.8%	15.0%	13.7%
45-90  1 Percents that scored in the Clinical/Acc	8.8%	8.7%	11.5%	9.9%

<sup>&</sup>lt;sup>1</sup> Percents that scored in the Clinical/Acute ranges of the Health Distress Index

<sup>&</sup>lt;sup>2</sup> Percent of women only

<sup>&</sup>lt;sup>3</sup> Acute range of GMDI (7+ symptoms on M1a1-4, M1b1-6,M1c2, M1d1-10)

N=187 for adolescents since these scales are missing from the P90s.
 Acute range of the TSI (5+ symptoms on M2a-p )
 Clinical or acute range of the ADDI (6+ on M3a1-19 and/or 6+ M3b1-16 and past six months)

<sup>&</sup>lt;sup>7</sup> Clinical or acute range of the CDI (3+ on M3b1-16 and past 3 months)

<sup>&</sup>lt;sup>8</sup> N=245 for adolescents due to missing discharge dates (clients still in treatment, refused to be in study, etc)

**Table 2. Adult Characteristics** 

es .					
					_
					Total
N=41	N=56	N=69	N=115	N=184	N=465
					31.0%
				87.0%	88.0%
				N/A	N/A
48.8%	44.6%	34.8%	7.8%	15.2%	22.8%
29.3%	25.0%	18.8%	26.1%	16.8%	21.5%
36.6%	17.9%	14.5%	80.9%	23.4%	36.8%
7.3%	28.6%	44.9%	33.9%	47.3%	37.8%
19.5%	10.7%	23.2%	7.0%	27.2%	18.9%
4.9%	23.2%	23.2%	4.3%	28.8%	19.1%
61.0%	69.6%	78.3%	82.6%	82.1%	78.3%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	1.4%	0.9%	3.3%	1.7%
36.6%	30.4%	11.6%	41.7%	39.7%	34.6%
63.4%	69.6%	87.0%	57.4%	57.1%	63.7%
19.5%	46.4%	50.7%	85.2%	71.7%	64.3%
8					
19.5%	28.6%	11.6%	34.8%	12.0%	20.2%
46.3%	23.2%	18.8%	37.4%	29.9%	30.8%
34.1%	48.2%	69.6%	27.8%	58.2%	49.0%
28.9%	25.0%	63.6%	13.4%	58.0%	41.3%
17.1%	21.4%	21.7%	7.8%	35.9%	23.4%
17.1%	37.5%	66.7%	10.4%	64.1%	43.9%
0.0%	83.9%	21.7%	10.4%	22.8%	24.9%
0.0%	12.5%	13.0%	1.7%	16.3%	10.3%
2.4%	21.4%	7.2%	2.6%	4.9%	6.5%
26.8%	33.9%	17.4%	20.0%	23.4%	23.2%
43.9%	17.9%	37.7%	24.3%	25.0%	27.5%
4.9%	1.8%	2.9%	0.9%	6.0%	3.7%
22.0%	25.0%	34.8%	52.2%	40.8%	39.1%
	OP N=41 41.5% 70.7% N/A 48.8% 29.3% 36.6% 7.3% 19.5% 4.9% 61.0% 0.0% 36.6% 63.4% 19.5% 46.3% 34.1% 28.9% 17.1% 0.0% 0.0%	Metha- OP done N=41 N=56  41.5% 62.5% 70.7% 89.3% N/A N/A 48.8% 44.6% 29.3% 25.0% 36.6% 17.9% 7.3% 28.6% 19.5% 10.7% 4.9% 23.2% 61.0% 69.6% 0.0% 0.0% 0.0% 36.6% 30.4% 63.4% 69.6% 19.5% 46.4%  8  19.5% 28.6% 46.3% 23.2% 34.1% 48.2%  28.9% 25.0% 17.1% 21.4% 17.1% 37.5% 0.0% 83.9% 0.0% 12.5%  2.4% 21.4% 26.8% 33.9% 4.9% 17.9% 4.9% 1.8%	Metha-           OP         done         STR           N=41         N=56         N=69           41.5%         62.5%         31.9%           70.7%         89.3%         97.1%           N/A         N/A         N/A           48.8%         44.6%         34.8%           29.3%         25.0%         18.8%           36.6%         17.9%         14.5%           7.3%         28.6%         44.9%           19.5%         10.7%         23.2%           61.0%         69.6%         78.3%           0.0%         0.0%         0.0%           0.0%         0.0%         1.4%           36.6%         30.4%         11.6%           63.4%         69.6%         87.0%           19.5%         28.6%         11.6%           63.4%         69.6%         87.0%           19.5%         28.6%         11.6%           46.3%         23.2%         18.8%           34.1%         48.2%         69.6%           17.1%         37.5%         66.7%           0.0%         83.9%         21.7%           17.1%         37.5%         66.7%	OP done N=69         TASC resid N=61           N=41         N=56         N=69         N=115           41.5%         62.5%         31.9%         0.0%           70.7%         89.3%         97.1%         89.6%           N/A         N/A         N/A         N/A           48.8%         44.6%         34.8%         7.8%           29.3%         25.0%         18.8%         26.1%           36.6%         17.9%         14.5%         80.9%           7.3%         28.6%         44.9%         33.9%           19.5%         10.7%         23.2%         7.0%           4.9%         23.2%         23.2%         4.3%           61.0%         69.6%         78.3%         82.6%           0.0%         0.0%         0.0%         0.0%           0.0%         0.0%         0.0%         0.0%           36.6%         30.4%         11.6%         41.7%           63.4%         69.6%         87.0%         57.4%           19.5%         28.6%         11.6%         34.8%           46.3%         23.2%         18.8%         37.4%           34.1%         48.2%         69.6%         27.8%	Metha-OP done done STR resid N=41         TASC N=69         Resid N=115         Resid N=184           41.5% 62.5% 31.9% 0.0% 89.6% 87.0% N/A

		Metha-		TASC		
Treatment Modality	OP	done	STR	resid	Resid	Total
Clients	N=41	N=56	N=69	N=115	N=184	N=465
Drug Use Severity:						
No use	7.3%	0.0%	0.0%	3.5%	0.5%	1.7%
Use	24.4%	1.8%	2.9%	13.0%	9.2%	9.7%
Abuse	17.1%	3.6%	11.6%	6.1%	8.7%	8.6%
Dependence	9.8%	1.8%	8.7%	3.5%	1.6%	3.9%
Physiological Dependence	41.5%	92.9%	76.8%	73.9%	79.9%	76.1%
Biomedical:						
Health Distress <sup>1</sup>	41.0%	85.5%	84.1%	56.1%	79.7%	71.9%
Pregnant within Past Year <sup>2</sup>	47.1%	45.7%	18.2%	0.0%	32.9%	35.4%
Mental Health:						
Acute Mental Distress <sup>3</sup>	15.0%	47.3%	43.9%	39.4%	44.1%	40.7%
Acute Traumatic Stress <sup>4,5</sup>	10.0%	48.2%	NA	65.6%	NA	50.7%
$ADHD^{4,6}$	15.0%	37.5%	NA	44.3%	NA	37.2%
Conduct Disorder <sup>4,7</sup>	0.0%	19.6%	NA	42.6%	NA	27.0%
HIV Risk: (Past 90 Days)						
Sexually Active	82.9%	85.7%	78.2%	24.3%	82.1%	67.7%
Multiple Sexual Partners	26.8%	25.0%	33.3%	7.8%	41.3%	28.6%
Had Sex without any type of						
Protection	56.1%	60.7%	47.8%	17.4%	56.0%	45.8%
Any Needle Use	2.4%	19.6%	15.9%	5.2%	5.4%	8.4%
Any Needle Sharing	0.0%	1.8%	4.3%	0.9%	1.1%	1.5%
Length of Stay: <sup>8</sup>						
Less than 1 month	11.1%	0.0%	97.1%	5.4%	40.2%	35.0%
1 to 2 months	38.4%	3.4%	2.9%	7.1%	48.3%	26.0%
3+ months	50.0%	96.6%	0.0%	87.5%	11.5%	39.0%
Days of Treatment After Sys	tem Disch	arge				
None	71.9%	57.7%	64.2%	47.1%	65.7%	60.5%
1-6	15.6%	0.0%	6.0%	2.9%	1.8%	3.8%
7-12	0.0%	0.0%	4.5%	7.7%	3.0%	4.1%
13-44	6.3%	3.8%	14.9%	26.9%	12.0%	15.4%
45-90	6.3%	38.5%	10.4%	15.4%	17.5%	16.2%

<sup>&</sup>lt;sup>1</sup> Percents that scored in the Clinical/Acute ranges of the Health Distress Index

<sup>&</sup>lt;sup>2</sup> Percent of women only

<sup>&</sup>lt;sup>3</sup> Acute range of GMDI (7+ symptoms on M1a1-4, M1b1-6,M1c2, M1d1-10)

 $<sup>^4\,</sup>$  N=137 for adults, since these scales are missing from the P90s.

<sup>&</sup>lt;sup>5</sup> Acute range of the TSI (5+ symptoms on M2a-p )

 $<sup>^6\,</sup>$  Clinical or acute range of the ADDI (6+ on M3a1-19 and/or 6+ M3b1-16 and past six months)

<sup>&</sup>lt;sup>7</sup> Clinical or acute range of the CDI (3+ on M3b1-16 and past 3 months)

<sup>&</sup>lt;sup>8</sup> N=371 for adults, due to missing discharge dates (clients still in treatment, refused to be in study, etc

Table 3. ASAM Placement Profile for Adolescents/a

ASAM Criteria/Gain Scale	n	K	Alpha	Mean	Std. Dev.	% Clinical	% Acute
A. Diagnosis							
Substance Problem Index (SPI)	269	16	0.88	7.61	4.78	57.4	34.1
B1. Intoxication and Withdrawal							
Substance Frequency Index (SFI6p)	268	6	0.87	0.10	0.14	59.2	25.7
Recency of Use\b	270	1	N/A	3.81	1.07	81.2	7.5
Days of Opioid Use\b	270	1	N/A	0.87	5.97	4.3	0.3
Current (past week) Withdrawal Index (CWI)	270	22	0.94	1.57	3.36	27.1	2.6
B2. Biomedical							
Health Distress Index (HDI8)\c	267	8	0.71	3.02	2.22	39.1	10.4
Health Problem Index (HPI3p)	259	3	0.56	0.13	0.13	43.7	32.0
B3. Psychological							
General Mental Distress Index (GMDI)	260	21	0.95	3.04	5.08	7.6	20.7
Behavior Complexity Index (BCI)	216	32	0.94	9.76	8.70	40.1	24.4
Emotional Problem Index (EPI7p)	265	7	0.80	0.23	0.22	15.2	62.3
<b>B4.</b> Treatment Acceptance and Resistance							
Treatment Resistance Index (TRI)\d	266	4	N/A	0.85	0.96	48.3	2.7
Treatment Motivation Index (TMI)\d	267	5	N/A	1.29	1.35	51.5	42.4
B5. Relapse Potential							
Self Efficacy Index (SEI)	266	5	0.76	3.67	1.65	29.0	1.0
Problem Orientation Index (POI)	267	5	0.73	2.72	1.74	24.9	25.1
<b>B6.</b> Environment							
Environmental Risk Index (ERI6)\e	263	18	0.79	26.30	10.13	81.3	13.0
General Social Support (GSSI)	216	9	0.81	6.35	2.54	17.4	7.1
Recovery Environment Risk Index (RERI7p)	270	7	0.44	0.18	0.08	26.0	72.3
Other							
Illegal Activities Index (IAI3p)	254	3	0.73	0.28	0.20	22.9	71.5
Employment Activity Index (VI4p)	242	4	0.79	0.27	0.26	25.0	49.5
Training Activity Index (TI3p)	198	3	0.87	0.42	0.37	0.1	64.8

<sup>&</sup>lt;sup>a</sup> The differing N sizes are due to clients receiving different versions of the assessment. There was the full assessment and two shorted assessments. In the two shorter assessments, some of the above scales were never given to the clients. Clinical and acute score ranges vary by scale, see definitions table.

<sup>&</sup>lt;sup>b</sup> Single Item, Alpha not applicable or calculable.

<sup>&</sup>lt;sup>c</sup> Due to version difference, 153 got all eight items. For the others in the sample, the eighth item was imputed from the average response to the other seven items. The alpha for the 153 was .71.

<sup>&</sup>lt;sup>d</sup> Formative index of risk factors where alpha is not applicable because intercorrelation not expected, if calculated it would have been TRI=.36 and TMI=.67.

<sup>&</sup>lt;sup>e</sup> Due to version difference, only 150 got all 18 items. This scale contains three subscales of six items each. For those with only five items, the sixth item was imputed from the average response to the other 5 items. For the 150 with all 18 items, the alpha was still .79.

Table 4. ASAM Placement Profile for Adults\a

ASAM Criteria/Gain Scale	n	K	Alpha	Mean	Std. Dev.	% Clinical	% Acute
A. Diagnosis							
Substance Problem Index (SPI)	457	16	0.91	8.65	5.55	39.5	49.5
B1. Intoxication and Withdrawal							
Substance Frequency Index (SFI6p)	453	6	0.88	0.15	0.21	42.6	32.4
Recency of Use\b	465	1	N/A	4.10	1.48	59.8	22.2
Days of Opioid Use\b	465	1	N/A	12.60	29.41	5.6	14.0
Current (past week) Withdrawal Index (CWI)	449	22	0.94	4.74	5.97	43.1	16.1
B2. Biomedical							
Health Distress Index (HDI8)\c	460	8	0.76	3.56	2.94	34.0	19.7
Health Problem Index (HPI3p)	410	3	0.75	0.12	0.17	25.7	30.2
B3. Psychological							
General Mental Distress Index (GMDI)	436	21	0.96	3.48	5.73	6.9	24.0
Behavior Complexity Index (BCI)	227	32	0.97	3.17	6.36	18.1	3.0
Emotional Problem Index (EPI7p)	457	7	0.80	0.17	0.20	39.0	42.1
<b>B4.</b> Treatment Acceptance and Resistance							
Treatment Resistance Index (TRI)\d	458	4	N/A	0.68	0.96	34.2	7.2
Treatment Motivation Index (TMI)\d	459	5	N/A	2.37	1.52	57.5	17.1
B5. Relapse Potential							
Self Efficacy Index (SEI)	457	5	0.71	3.20	1.80	39.4	5.2
Problem Orientation Index (POI)	457	5	0.48	3.13	1.63	26.2	17.0
<b>B6.</b> Environment							
Environmental Risk Index (ERI6)\e	449	18	0.81	17.72	9.15	69.7	1.3
General Social Support (GSSI)	446	9	0.83	4.41	2.92	18.3	25.3
Recovery Environment Risk Index (RERI7p)	465	7	0.57	0.18	0.09	19.0	81.0
Other							
Illegal Activities Index (IAI3p)	446	3	0.82	0.15	0.20	52.0	28.1
Employment Activity Index (VI4p)	440	4	0.92	0.35	0.37	39.6	44.0
Training Activity Index (TI3p)	437	3	0.72	0.04	0.12	0.0	9.3

<sup>&</sup>lt;sup>a</sup> The differing N sizes are due to clients receiving different versions of the assessment. There was the full assessment and two shorted assessments. In the two shorter assessments, some of the above scales were never given to the clients. Clinical and acute score ranges vary by scale, see definitions table.

<sup>&</sup>lt;sup>b</sup> Single Item, Alpha not applicable or calculable.

<sup>&</sup>lt;sup>c</sup> Due to version difference, 376 got all eight items. For the others in the sample, the eighth item was imputed from the average response to the other seven items. The alpha for the 376 was .75.

<sup>&</sup>lt;sup>d</sup> Formative index of risk factors where alpha is not applicable because intercorrelation not expected, if calculated it would have been TRI=.43 and TMI=.46.

<sup>&</sup>lt;sup>e</sup> Due to version difference, only 376 got all 18 items. This scale contains three subscales of six items each. For those with only five items, the sixth item was imputed from the average response to the other 5 items. For the 376 with all 18 items, the a

Table 5. Weighted Comparison of GAIN Change Indices for Adolescents and Adults \a

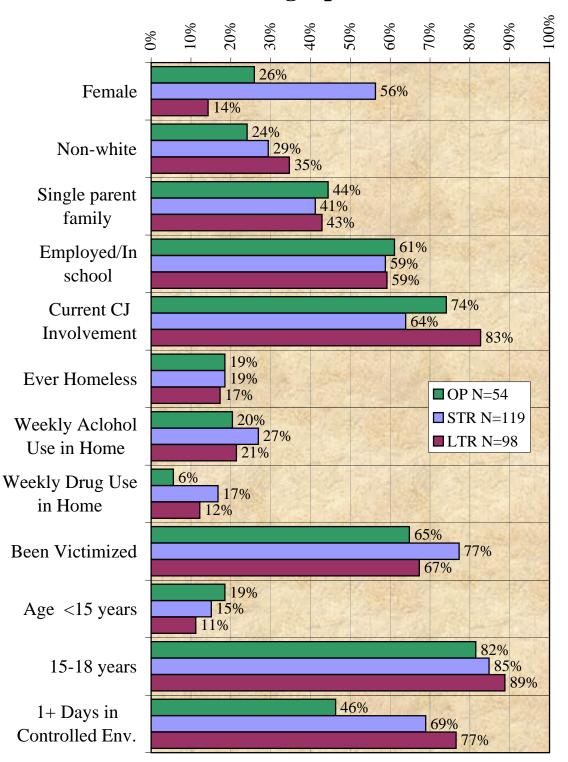
		A	dolesce	nt		Adult	
				Effect			Effect
			Std.	Size		Std.	Size
<b>Functioning Indices</b>	Time	Mean	Dev.	<b>(d)</b>	Mean	Dev.	(d)
Substance Frequency Index	Pre	0.12	0.15		0.12	0.19	
Substance Frequency Index	Post	0.08	0.12	-0.28	0.05	0.11	-0.39
Current Withdrawal Index	Pre	0.09	0.16		0.18	0.25	
Current Withdrawal Index	Post	0.09	0.21	0.00	0.08	0.18	-0.38
Health Problem Index	Pre	0.13	0.14		0.09	0.13	
Health Problem Index	Post	0.12	0.13	-0.08	0.10	0.15	0.06
Emotional Problem Index	Pre	0.27	0.22		0.15	0.19	
<b>Emotional Problem Index</b>	Post	0.24	0.20	-0.14	0.14	0.16	-0.03
Illegal Activity Index	Pre	0.29	0.21		0.13	0.18	
Illegal Activity Index	Post	0.26	0.23	-0.15	0.13	0.17	0.01

		A	dolesce	<u>nt</u>		Adult	
				Effect			Effect
			Std.	Size		Std.	Size
Utilization Indices	Time	Mean	Dev.	<b>(d)</b>	Mean	Dev.	<b>(d)</b>
Substance Abuse Treatment Index	Pre	0.10	0.24		0.05	0.14	
Substance Abuse Treatment Index	Post	0.08	0.17	-0.09	0.12	0.29	0.50
Physical Health Treatment Index	Pre	0.01	0.03		0.02	0.05	
Physical Health Treatment Index	Post	0.03	0.04	0.54	0.01	0.04	-0.11
Mental Health Treatment Index	Pre	0.02	0.04		0.01	0.04	
Mental Health Treatment Index	Post	0.01	0.04	-0.13	0.00	0.01	-0.15
Criminal Justice System Index	Pre	0.39	0.46		0.12	0.32	
Criminal Justice System Index	Post	0.55	0.49	0.34	0.18	0.38	0.19
Controlled Environment Index	Pre	0.19	0.34		0.05	0.17	
Controlled Environment Index	Post	0.37	0.45	0.53	0.04	0.16	-0.09
Employment Activity Index	Pre	0.27	0.25		0.36	0.40	
Employment Activity Index	Post	0.35	0.31	0.29	0.52	0.39	0.38
Training Activity Index	Pre	0.49	0.36		0.04	0.13	
Training Activity Index	Post	0.45	0.30	-0.10	0.11	0.23	0.53

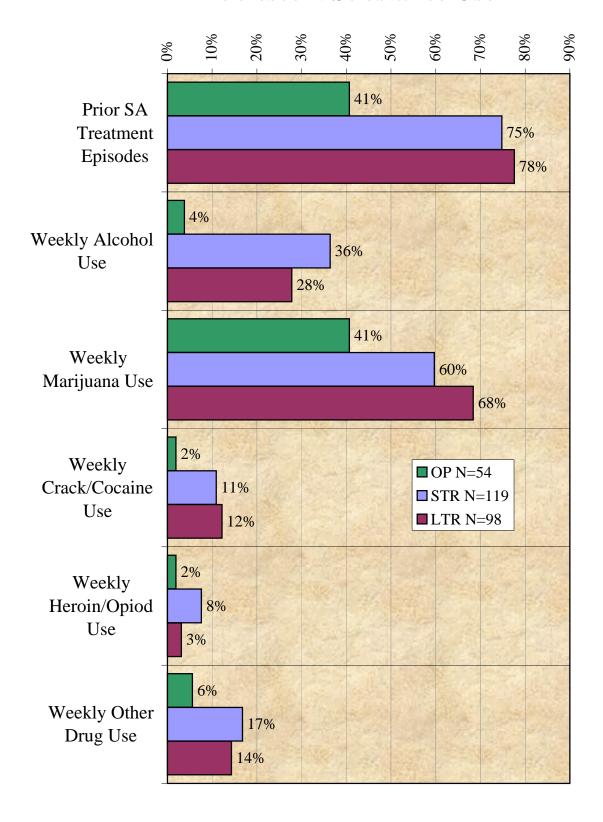
a/ Weighted within age by real distribution of state modalities (defacto giving the most weight to outpatient).

Source: Drug Outcome Monitoring Study (DOMS)

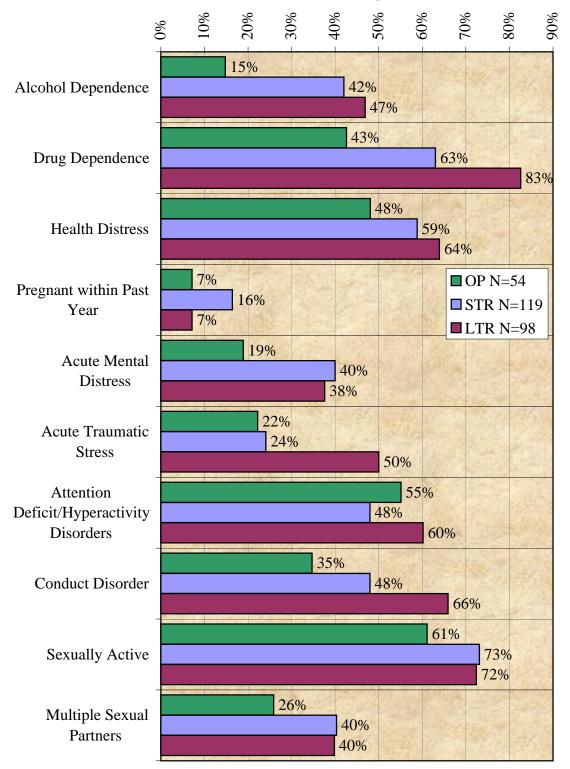
### **Adolescent Demographic Characteristics**



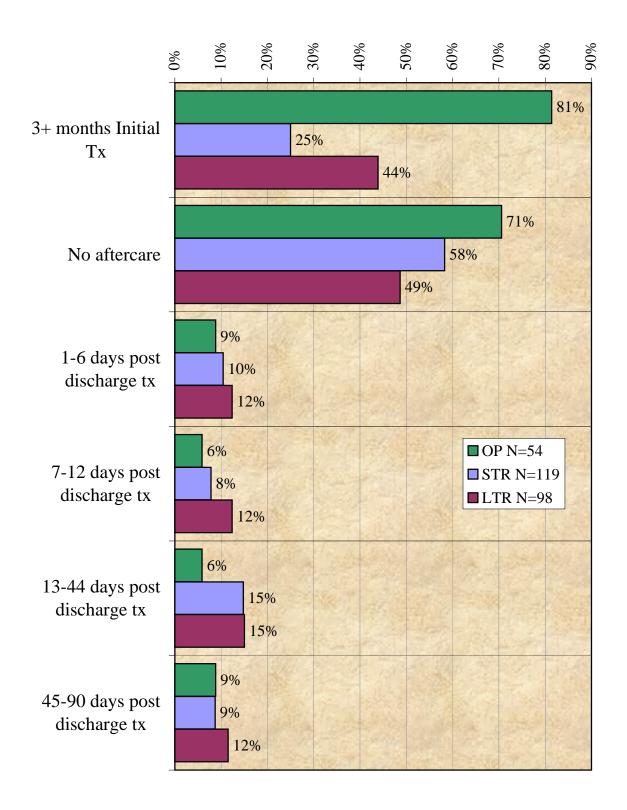
### **Adolescent Substance Use**



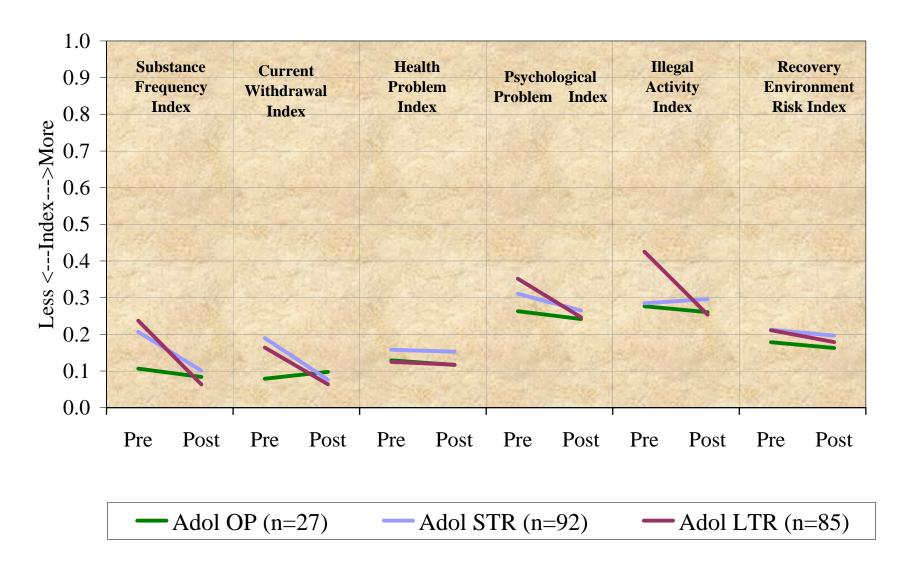
### **Adolescent GAIN Pathological Scales**



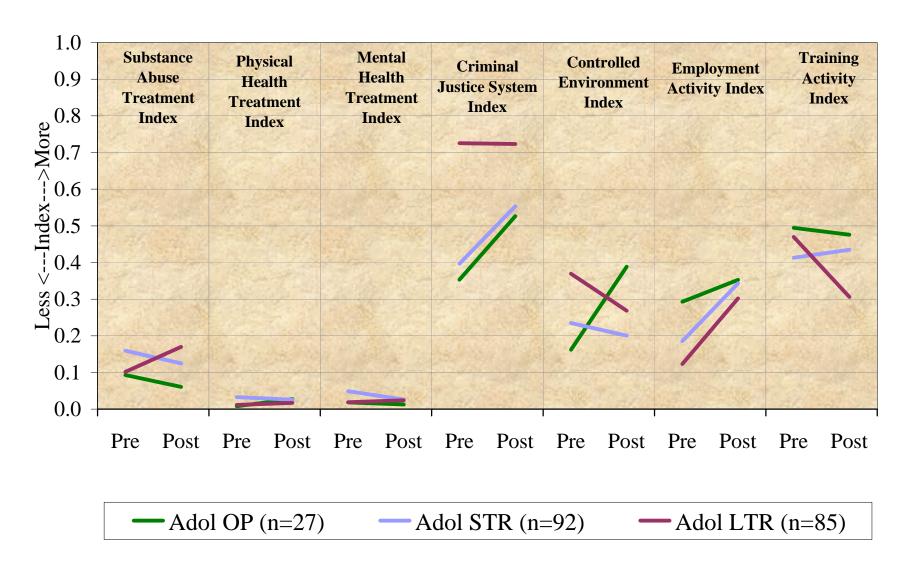
### **Adolescent Substance Abuse Treatment**



### **Change in GAIN Functioning Indices by Adolescent Level of Care**



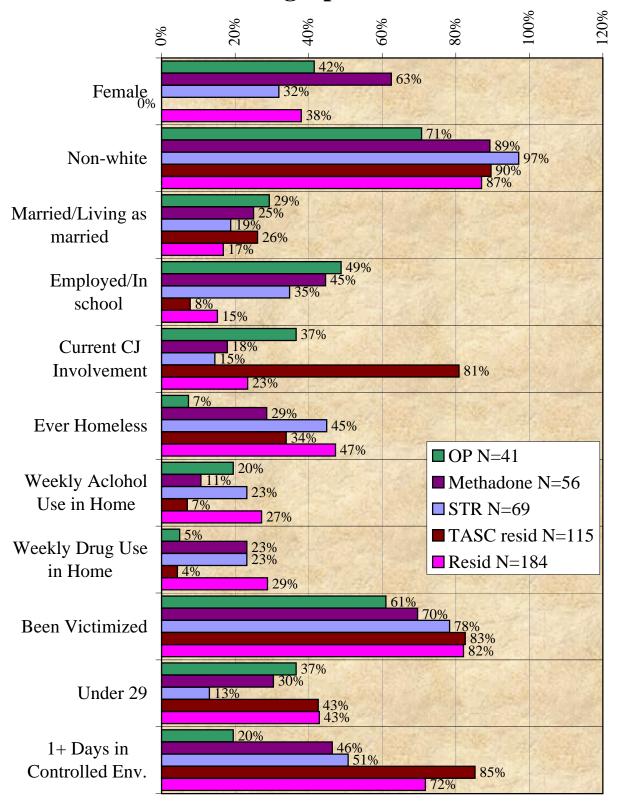
### **Change in GAIN Functioning Indices by Adolescent Level of Care**



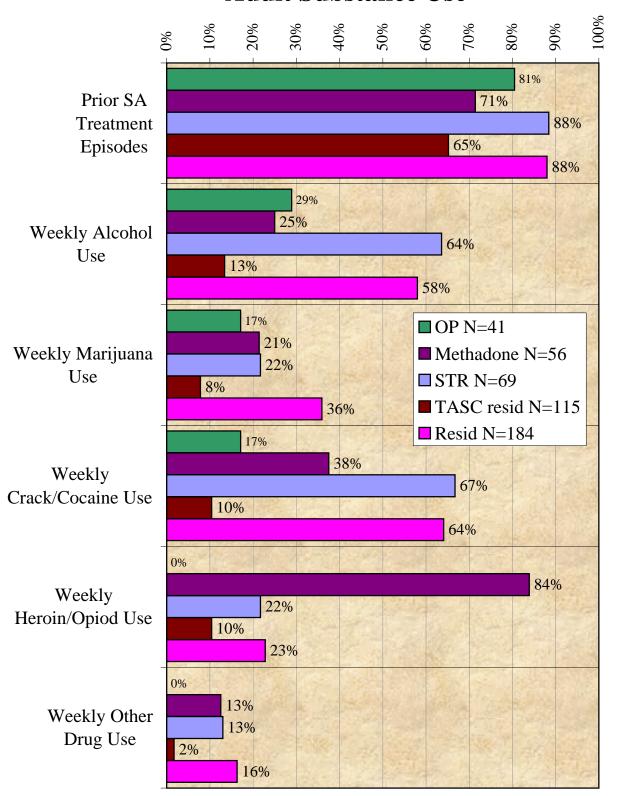
Impact of Adolescent Treatment by Level of Care

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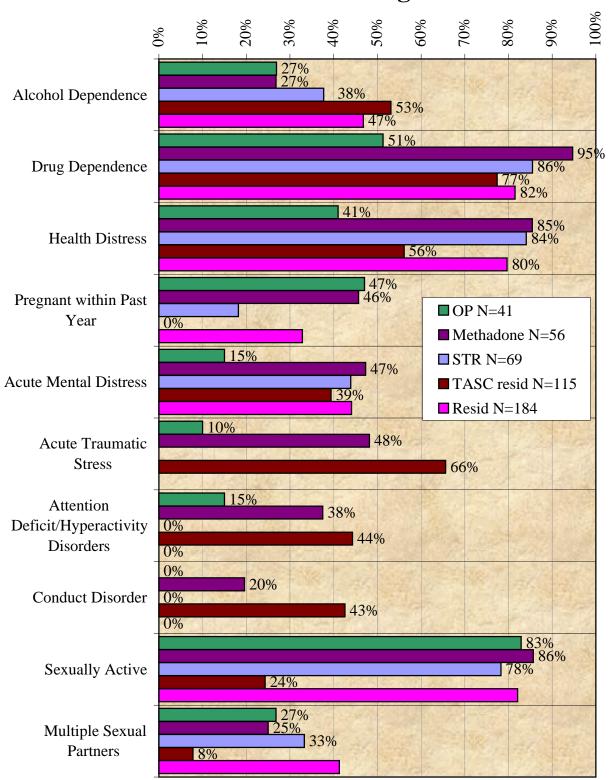
### **Adult Demographic Characteristics**



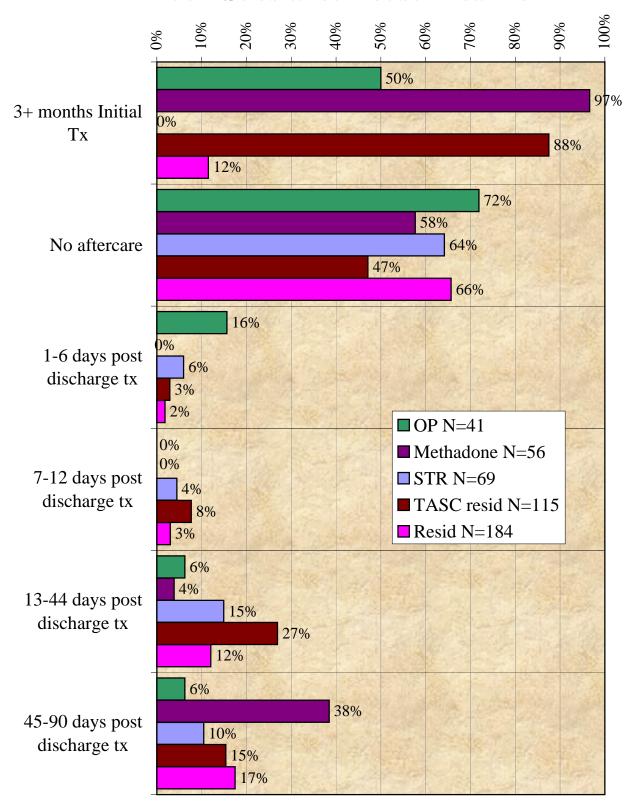
### **Adult Substance Use**



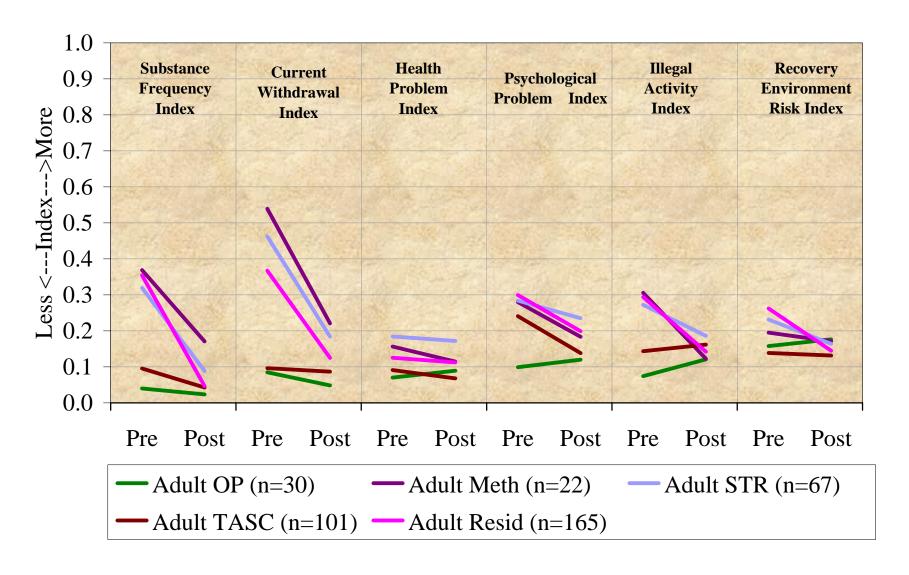
### **Adult GAIN Pathological Scales**



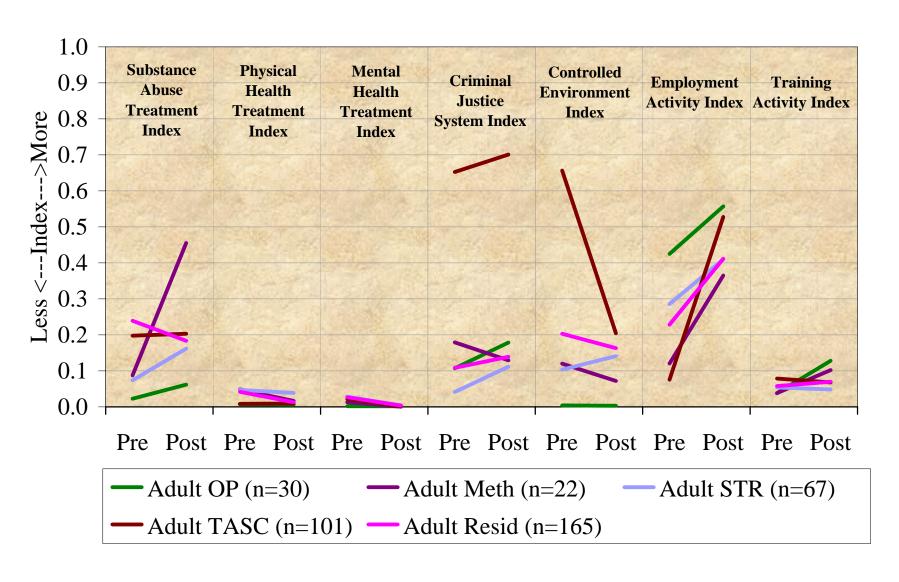
### **Adult Substance Abuse Treatment**



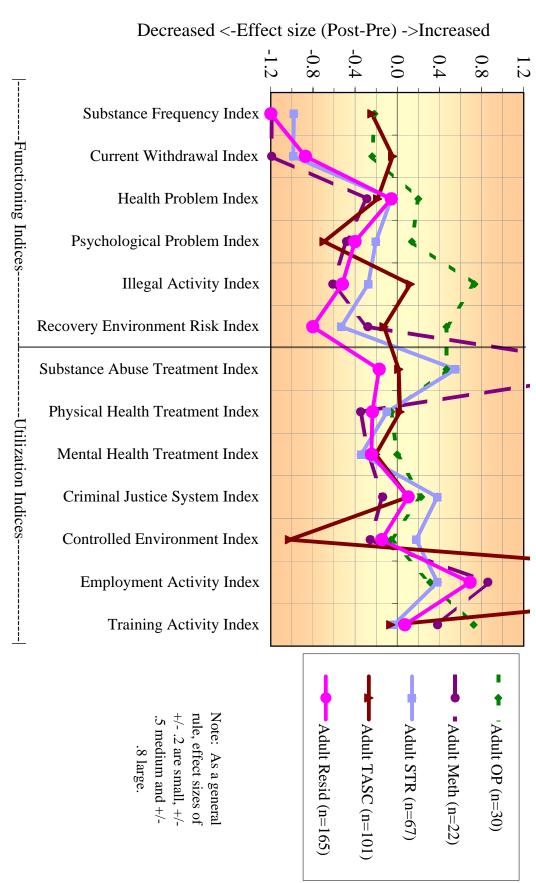
### **Change in GAIN Functioning Indices by Adult Level of Care**



### **Change in GAIN Functioning Indices by Adult Level of Care**



# Impact of Adult Treatment by Level of Care



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Appendix A. De	tailed Sou	rce Pages and Quest	ion Items of ASAM P	Placement Profile Indices	
	GAIN				
	Initial		T / CD: 1/ A /		CI
1098		O 41 T4	Low/ Clinical/ Acute		Change
ASAM Criteria/Gain Scale	Page	<b>Question Items</b>	Ranges	Comment	Measure
A. Diagnosis					
Substance Problem Index (SPI)	I - 21-22	S9c-u	0/1-9/10-16	Number of symptoms reported (can also	P
(Based on DSM-IV)				calculate subscales using h-m for abuse, n-u	
,				for dependence, f-g for substance induced	
				disorders, c-e for under reporting; p23 of	
				gain has h-u by specific substance for	
				detailed diagnosis).	
B1. Intoxication and Withdrawal				detailed diagnosis).	
Substance Frequency Index (SFI6p)	I-14	S2d1-3, S2e1, S2f1,	0.00/0.01-0.13/0.14-	Average of percent of days reported	P
		S2g4, S2g5	1.00		
Recency of Use	I-13	S2a_1-99, S2b, S2c	0-2/3-5/6	Most Recent Use	P
Days of Opioid Use	I-14	S2g5	0/1-12/13-90	Days of use	P
Current (past week) Withdrawal Index (CWI)	I-14	S3c1-99	0/1-11/12-22	Number of symptoms reported	P
(Based on DSM-IV)					
B2. Biomedical					
Health Distress Index (HDI8)\a	I-25	P3, P3a-g	0-2/3-6/7-11	Rating + number of problems reported	S
(Based on NHSDA, NHIS and CHS HHQ)					
Health Problem Index (HPI3p)	I-28	P9, P9a-b	0.00/0.01-0.13/0.14-	Average of P9/6, P9a/90, and P9b/90	P
			1.00		
B3. Psychological					
General Mental Distress Index (GMDI)	I-37-38	M1a1-4, M1b1-	0-3/4-6/7-21	Number of symptoms reported	S
(Based on HSCL90)		6,M1c2, M1d1-10			
Behavior Complexity Index (BCI)	I-40-41	M3a1-19, M3b1-16	0-5/6-18/19-32	Number of symptoms reported	S
(Based on DSM-IV)					
Emotional Problem Index (EPI7p)	I-3840	M1e-g, M2, M2q,	0.00/0.01-0.13/0.14-	Average of M1e/6, M1f/90, M1g/90, M2/6,	P
		M3, M3c	1.00	M2q/90, M3/6 & M3c/90	

	GAIN Initial 1098		Low/ Clinical/ Acute	e	Change
ASAM Criteria/Gain Scale	Page	<b>Question Items</b>	Ranges	Comment	Measure
<b>B4.</b> Treatment Acceptance and Resistance					
Treatment Resistance Index (TRI)	I-21	S8a-d	0/1-2/3-4	Number of yes answers	S
(Based on CMRS and DATAR)					
Treatment Motivation Index (TMI)	I-21	S8e-j	5-4/3-1/0	Number of yes answers	S
(Based on CMRS and DATAR)					
B5. Relapse Potential					
Self Efficacy Index (SEI)	I-21	s8k-q	5-4/3-1/0	Number of yes answers	S
(Based on ISAC,DATAR and SE Literature)					
Problem Orientation Index (POI)	I-21	s8r-reversed, S8s-w	5-4/3-1/0	Number of yes answers	S
(Based on ISAC Manual)					
B6. Environment					
Environmental Risk Index (ERI6)\c	I-51	E5a-f, E6a-f, E7a-f	0-12/13-39/40-60	Sum of answers (note, 2 per set are	S
(Based on ISAC Manual)				reversed already)	
General Social Support (GSSI)	I-53	E12a-j	9-5/4-2/1-0	Number of sources of support reported	S
(Based on White's Incest in the Organization)					
Recovery Environment Risk Index (RERI7p)	I-17-54	S6a, E1b, E2c-e, E8p,	0.00/0.01-0.13/0.14-	Average of rev. S6a/90 ,rev E1b/6, E2c/90,	P
(Based on ISAC manual)		E9u	1.00	E2d/90, E2e/90, E8p/90 & E9u/90	
Other					
Illegal Activities Index (IAI3p)	I-59-60	L3, L3v-w	0.00/0.01-0.13/0.14-	Average of L3/6, L3v/90, & L3w/90	P
			1.00		
Employment Activity Index (VI4p)	I-66	V6, V6k, V6m,	0.00/0.01-0.13/0.14-	Average of V6/6, V6k/90, V6m/90 and	P
		V6npr	1.00	V6npr - where V6pnr= $1-(v6n/(v6k+v6n))$	
Training Activity Index (TI3p)	I-69	V3k, V3m, V3npr	0.00/0.01-0.13/0.14-	Average of V3k/90, V3m/90, and V3npr -	P
			1.00	where $V3pnr=1-(v3n/(v3k+v3n))$	

GAIN Initial				
1098		Low/ Clinical/ Acute		Change
Page	<b>Question Items</b>	Ranges	Comment	Measure
I-18	S7a1-99	0.00/0.01-0.13/0.14- 1.00	Average of answers (maxed at 90)/90	P
I-30	P11f-j	0.00/0.01-0.13/0.14- 1.00	Average of answers (maxed at 90)/90	P
I-44	M5f-g	0.00/0.01-0.13/0.14- 1.00	Average of answers (maxed at 90)/90	P
I-62	L6a-d	0.00/0.01-0.13/0.14- 1.00	Average of answers (maxed at 90)/90	P
I-18-62	S7a1, S7a2, P11g,	0.00/0.01-0.13/0.14-	Average of answers (maxed at 90)/90	P
	M5g, E2f, L6c	1.00		
	Initial 1098 Page  I-18  I-30  I-44  I-62	Initial   1098   Page   Question Items     I-18   S7a1-99     I-30   P11f-j     I-44   M5f-g     I-62   L6a-d     I-18-62   S7a1, S7a2, P11g,	Initial   1098   Low/ Clinical/ Acute   Ranges     Cow/ Clinical/ Acute   Ranges   Cow/ Clinical/ Acute   Ranges   Cow/ Clinical/ Acute   Ranges   Cow/ Clinical/ Acute   Ranges   Cow/ Clinical/ Acute   Ranges   Cow/ Clinical/ Acute   Ranges   Cow/ Clinical/ Acute   Ranges   Cow/ Cow/ Cow/ Cow/ Cow/ Cow/ Cow/ Cow/	Initial   1098   Page   Question Items   Low/ Clinical/ Acute   Ranges   Comment

		Appendi	x B. Interpreta	tion of ASAM Placement Profile Indices
ASAM Criteria/Gain Scale	GAIN Initial 1098 Page	Question Items	Low/ Clinical/ Acute Ranges	Interpretation
A. Diagnosis				
Substance Problem Index (SPI) (Based on DSM-IV)	I - 21-22	S9c-u	0/1-9/10-16	Higher scores on this scale represent greater severity of drug problems. The scale includes physiological, psychological and social criteria, as well as an item on comorbid use with drugs that is likely to exacerbate the other problems. General score of 0 suggests no reported drug problems, 1 or more generally suggests abuse, 4 or more generally suggests dependence. However to make a dependence diagnosis per se requires meeting criteria (from self report or other sources) on S9n-u and abuse requires meeting criteria S9h-m.
B1. Intoxication and Withdrawal Substance Frequency Index (SFI6p)	I-14	S2d1-3,	0.00/0.01-	Higher scores represent increasing frequencies of substance use in terms of days, days staying
Substance Frequency muck (SF10p)	1-14		0.13/0.14-1.00	high most of the day (I.e., high risk of problems) and days actually causing problems. People with scores over .14 may have considerable difficulty stopping without significant assistance and/or a controlled environment.
Recency of Use	I-13	S2a_1-99, S2b, S2c	0-2/3-5/6	Use in the past two days (6) suggest the need to evaluate risk of intoxication and/or withdrawal.
Days of Opioid Use	I-14	S2g5	0/1-12/13-90	Higher scores represent increasing frequencies of opioid use. Those with weekly (~13+ days of 90) should be evaluated carefully for withdrawal management and/or considered for methadone
Current (past week) Withdrawal Index (CWI) (Based on DSM-IV)	I-14	S3c1-99	0/1-11/12-22	Higher scores represent broader symptoms of withdrawal. Scores over 12 indicate the presence of increasingly more physiological symptoms and suggest the increasing need for medical evaluation and monitoring.

ASAM Criteria/Gain Scale	GAIN Initial 1098 Page	Question Items	Low/ Clinical/ Acute Ranges	Interpretation
B2. Biomedical				
Health Distress Index (HDI8)\a (Based on NHSDA, NHIS and CHS HHQ)	I-25	P3, P3a-g	0-2/3-6/7-11	Higher scores indicate increasing more complaints about health, limited mobility and/or pain and the need for medical review. They should be reviewed in conjunction with the amount of current problems and/or treatment. For scores of four or more it is advisable to review the nature of the problem even if there are no current medical problems as their is a greater potential for reoccurrence of medical problems.
Health Problem Index (HPI3p)	I-28	P9, P9a-b	0.00/0.01- 0.13/0.14-1.00	Higher score indicate more recent problems, problems on more days and problems increasingly interfering with the individual's responsibilities. If there are current problems but no current treatment or specific diagnosis, then this suggests a potentially undiagnosed medical condition that may confound treatment and/or harm the individual if left untreated (i.e., a further medical work up is indicated).
B3. Psychological				
General Mental Distress Index (GMDI) (Based on HSCL90)	I-37-38	M1a1-4, M1b1- 6,M1c2, M1d1-10	0-3/4-6/7-21	Higher scores indicate greater breadth and severity of internal (e.g., somatic, depression, anxiety) mental distress. Scores over 4 may indicate a risk of self m education (in which case symptoms may worse with detoxification). For scores of 7 or more it is also advisable to review the nature of the problem even if there are no current psychiatric problems as their is a greater potential for reoccurrence of medical problems. Regardless of total score, if M1c has any yes marks, the presence of homicidal/suicidal tendencies should also be evaluated.
Behavior Complexity Index (BCI) (Based on DSM-IV)	I-40-41	M3a1-19, M3b1-16	0-5/6-18/19-32	Higher scores represent increasingly more problems controlling external behavior (e.g., ADHD, CD). Higher scores indicate increasing need for structure and problems if it is not provided (particularly in group situations). If 6+, review whether diagnostic criteria are met (from self report or other sources) for ADHD inattentive type (M3a1-8,19), hyperactive type (M3a9-18, 19), and/or conduct disorder (M3b1-16).
Emotional Problem Index (EPI7p)	I-3840	M1e-g, M2, M2q, M3, M3c	0.00/0.01- 0.13/0.14-1.00	Higher score indicate more recent problems, problems on more days and problems increasingly interfering with the individual's responsibilities. If there are current problems but no current treatment or specific diagnosis, then this suggests a potentially undiagnosed psychiatric condition that may confound treatment and/or harm the individual if left untreated (i.e., a further psychiatric work up is indicated).

ASAM Criteria/Gain Scale	GAIN Initial 1098 Page	Question Items	Low/ Clinical/ Acute Ranges	Interpretation
B4. Treatment Acceptance and Resist	ance			
Treatment Resistance Index (TRI) (Based on CMRS and DATAR)	I-21	S8a-d	0/1-2/3-4	Higher scores indicated more factors working against people coming to or staying in treatment. Careful review should be made of other activities and people in the clients life to avoid potential subversion by the client's environment. [See environment indices.]
Treatment Motivation Index (TMI) (Based on CMRS and DATAR)	I-21	S8e-j	5-4/3-1/0	Higher scores on this scale suggest more internal and/or external motivators for the individual to be in and continue treatment. This scale interacts with TRI. If there is a moderate amount of motivation but no resistance, things may still work out. But when there is resistance and low or even moderate motivation there are likely to be problems. If there is moderate to high motivation but a lack of problem orientation, the client may also "back lash" against the pressure or may be unable to meet the program's regular expectations. In such cases there may be a need for motivational interviewing to convince the individual of the need for treatment.
B5. Relapse Potential				
Self Efficacy Index (SEI) (Based on ISAC, DATAR and SE Literature)	I-21	s8k-q	5-4/3-1/0	Higher scores on this scale indicate the individuals of confidence about resisting relapse in different situations. Lower scores suggest the need for assistance in daily living and/or a controlled environment.
Problem Orientation Index (POI) (Based on ISAC Manual)	I-21	s8r- reversed, S8s-w	5-4/3-1/0	Lower problem orientation may be related to learned helplessness, severe depression, or weak decision making skills. In each case it suggests that while the client may be capable of following rules, they will have difficulty with full recovery because of an inability to move forward and start a new life. Failure to even recognize the existence of a substance problem (0) is common and indicated "concrete" vs. "abstract" thinking and should alert therapist to avoid labels and loose terms.

ASAM Criteria/Gain Scale	GAIN Initial 1098 Page	Question Items	Low/ Clinical/ Acute Ranges	Interpretation
B6. Environment				
Environmental Risk Index (ERI6)\c (Based on ISAC Manual)	I-51	E5a-f, E6a- f, E7a-f	0-12/13-39/40- 60	Higher scores indicate more time with people in living, vocational, or social environment with people using alcohol/drugs, involved in illegal activity, who argue, who are not in school or work and who have never been in treatment. Availability of someone who has been in treatment and understands was the individual is going through can be an important source of social support but needs to be reviewed to verify that they are currently in recovery (i.e., a positive influence). Very low score should be reviewed for potential isolation (I.e., no risk because of no contact with others). Moderate scores should be reviewed to see whether one type environment is positive while another is not. High scores (or when moderate scores are high on living situation) suggest increasing needs for a controlled environment or change in living situation.
General Social Support (GSSI) (Based on White's Incest in the Organization)	I-53	E12a-j	9-5/4-2/1-0	Higher scores on this indicate higher levels of social support. Social support is important for dissipating stress. Lower scores suggest the need to review the amount of other sources of traumatic stress (E9), interpersonal stress (E10) and environmental stress (E11). If these scores are low and/or the more other sources of stress, the greater the need to get the individual involved in some kind of support group.
Recovery Environment Risk Index (RERI7p) (Based on ISAC manual)	I-17-54	S6a, E1b, E2c-e, E8p, E9u	0.00/0.01- 0.13/0.14-1.00	Higher scores indicate less involvement in support groups (e.g., AA, CA, NA) and more environmental risk from alcohol/drug use in the home, fighting and/or victimization. Scores over .14 should be reviewed very closely for the potential need to change living situation and/or refer to a controlled environment.

	GAIN Initial 1098	Ouestion	Low/ Clinical/	
ASAM Criteria/Gain Scale	Page	Items	Acute Ranges	Interpretation
Other			,	
Illegal Activities Index (IAI3p)	I-59-60	L3, L3v-w	0.00/0.01-0.13/0.14-1.00	Higher scores indicate more recent illegal activity, more days of illegal activity and increasingly more dependence on illegal activities for financial support. Note that this is common and often required to support substance use. However it may also indicate potential problems with the law and should be dealt with in treatment.
Employment Activity Index (VI4p)	I-66	V6, V6k, V6m, V6npi	0.00/0.01-0.13/0.14-1.00	Higher scores indicate more recent employment, days working, and less days of missing scheduled work. This is important for policy makers, but all jobs are not necessarily good. It is important to review vocational environment scale to see if the particular work environment is healthy or if it is a source of illegal drugs or violence.
Training Activity Index (TI3p)	I-69	V3k, V3m, V3npr	0.00/0.01- 0.13/0.14-1.00	Higher scores indicate more recent time in school/training, days in school/training, and less days of missing scheduled class time. This is important for policy makers, but all training situations are not necessarily good. It is important to review vocational environment scale to see if the particular school/training environment is healthy or if it is a source of illegal drugs or violence.
Other scales in Change table				
Substance Abuse Treatment Index	I-18	S7a1-99	0.00/0.01- 0.13/0.14-1.00	Higher scores indicate increasing more involvement in substance abuse treatment in the past 90 days.
Physical Health Treatment Index	I-30	P11f-j	0.00/0.01- 0.13/0.14-1.00	Higher scores indicate increasing more involvement in physical health treatment in the past 90 days.
Mental Health Treatment Index	I-44	M5f-g	0.00/0.01- 0.13/0.14-1.00	Higher scores indicate increasing more involvement in mental health treatment in the past 90 days.
Criminal Justice System Index	I-62	L6a-d	0.00/0.01- 0.13/0.14-1.00	Higher scores indicate increasing more involvement in the criminal justice system in the past 90 days.
Controlled Environment Index (Based on DSM-IV)	I-18-62	S7a1, S7a2, P11g, M5g, E2f, L6c	0.00/0.01- 0.13/0.14-1.00	Higher scores indicate increasing more time in a controlled environment, including jails and/or inpatient units for substance use, health or mental health problems in the past 90 days.

<b>Pre-Post Comparison for Adolescent Outpatient (Unweighter)</b>	ahted)
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	•			•	` %	% High			
			% none	% Low	Medium	(50-			
Functioning Indices		N	(0%)	(1-13%)	(14-49%)	100%)	Mean	St. Dev.	d
Substance Frequency Index	Pre	27	18.5%	51.9%	25.9%	3.7%	0.11	0.13	
Substance Frequency Index	Post	27	0.0%	70.4%	25.9%	3.7%	0.08	0.12	-0.18
Current Withdrawal Index	Pre	27	66.7%	14.8%	14.8%	3.7%	0.08	0.14	
Current Withdrawal Index	Post	27	77.8%	3.7%	11.1%	7.4%	0.10	0.22	0.13
Health Problem Index	Pre	27	29.6%	37.0%	29.6%	3.7%	0.13	0.14	
Health Problem Index	Post	27	29.6%	44.4%	25.9%	0.0%	0.12	0.13	-0.09
Psychological Problem Index	Pre	27	11.1%	14.8%	55.6%	18.5%	0.26	0.22	
Psychological Problem Index	Post	27	0.0%	37.0%	44.4%	18.5%	0.24	0.20	-0.10
Illegal Activity Index	Pre	27	7.4%	22.2%	63.0%	7.4%	0.28	0.20	
Illegal Activity Index	Post	27	3.7%	44.4%	33.3%	18.5%	0.26	0.24	-0.08
Recovery Environment Risk Index	Pre	27	0.0%	25.9%	74.1%	0.0%	0.18	0.07	
Recovery Environment Risk Index	Post	27	0.0%	22.2%	77.8%	0.0%	0.16	0.05	-0.24
					%	% High			
			% none	% Low	Medium	(50-			
Utilization Indices		N	(0%)	(1-13%)	(14-49%)	100%)	Mean	St. Dev.	d
Substance Abuse Treatment Index	Pre	21	<b>(0%)</b> 81.0%	<b>(1-13%)</b> 4.8%	<b>(14-49%)</b> 4.8%	<b>100%)</b> 9.5%	0.09	0.25	
Substance Abuse Treatment Index Substance Abuse Treatment Index	Post	21 21	(0%) 81.0% 66.7%	<b>(1-13%)</b> 4.8% 19.0%	(14-49%) 4.8% 9.5%	9.5% 4.8%	0.09 0.06	0.25 0.13	d -0.13
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index	Post Pre	21 21 21	(0%) 81.0% 66.7% 85.7%	(1-13%) 4.8% 19.0% 14.3%	4.8% 9.5% 0.0%	9.5% 4.8% 0.0%	0.09 0.06 0.01	0.25 0.13 0.02	-0.13
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index	Post Pre Post	21 21 21 21	(0%) 81.0% 66.7% 85.7% 42.9%	4.8% 19.0% 14.3% 52.4%	4.8% 9.5% 0.0% 4.8%	9.5% 4.8% 0.0% 0.0%	0.09 0.06 0.01 0.03	0.25 0.13 0.02 0.04	
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index	Post Pre Post Pre	21 21 21 21 21 22	(0%) 81.0% 66.7% 85.7% 42.9% 54.5%	4.8% 19.0% 14.3% 52.4% 45.5%	(14-49%) 4.8% 9.5% 0.0% 4.8% 0.0%	9.5% 4.8% 0.0% 0.0% 0.0%	0.09 0.06 0.01 0.03 0.02	0.25 0.13 0.02 0.04 0.03	-0.13 0.83
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index	Post Pre Post Pre Post	21 21 21 21 22 22	(0%) 81.0% 66.7% 85.7% 42.9% 54.5% 81.8%	4.8% 19.0% 14.3% 52.4% 45.5% 13.6%	(14-49%) 4.8% 9.5% 0.0% 4.8% 0.0% 4.5%	9.5% 4.8% 0.0% 0.0% 0.0% 0.0%	0.09 0.06 0.01 0.03 0.02 0.01	0.25 0.13 0.02 0.04 0.03 0.04	-0.13
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index	Post Pre Post Pre Post Pre	21 21 21 21 22 22 22	(0%) 81.0% 66.7% 85.7% 42.9% 54.5% 81.8% 50.0%	4.8% 19.0% 14.3% 52.4% 45.5% 13.6% 7.7%	(14-49%) 4.8% 9.5% 0.0% 4.8% 0.0% 4.5% 7.7%	9.5% 4.8% 0.0% 0.0% 0.0% 0.0% 34.6%	0.09 0.06 0.01 0.03 0.02 0.01 0.35	0.25 0.13 0.02 0.04 0.03 0.04 0.45	-0.13 0.83 -0.18
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index	Post Pre Post Pre Post Pre Post	21 21 21 21 22 22 26 26	(0%) 81.0% 66.7% 85.7% 42.9% 54.5% 81.8% 50.0% 38.5%	4.8% 19.0% 14.3% 52.4% 45.5% 13.6% 7.7% 7.7%	(14-49%) 4.8% 9.5% 0.0% 4.8% 0.0% 4.5% 7.7% 0.0%	9.5% 4.8% 0.0% 0.0% 0.0% 0.0% 34.6% 53.8%	0.09 0.06 0.01 0.03 0.02 0.01 0.35 0.53	0.25 0.13 0.02 0.04 0.03 0.04 0.45 0.50	-0.13 0.83
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index Controlled Environment Index	Post Pre Post Pre Post Pre	21 21 21 21 22 22 26 26 26 27	(0%) 81.0% 66.7% 85.7% 42.9% 54.5% 81.8% 50.0% 38.5% 59.3%	4.8% 19.0% 14.3% 52.4% 45.5% 13.6% 7.7% 7.7% 22.2%	4.8% 9.5% 0.0% 4.8% 0.0% 4.5% 7.7% 0.0% 3.7%	9.5% 4.8% 0.0% 0.0% 0.0% 0.0% 34.6% 53.8% 14.8%	0.09 0.06 0.01 0.03 0.02 0.01 0.35 0.53 0.16	0.25 0.13 0.02 0.04 0.03 0.04 0.45 0.50 0.33	-0.13 0.83 -0.18 0.38
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index Controlled Environment Index Controlled Environment Index	Post Pre Post Pre Post Pre Post Pre Post Pre Post	21 21 21 21 22 22 26 26 26 27 27	(0%) 81.0% 66.7% 85.7% 42.9% 54.5% 81.8% 50.0% 38.5% 59.3% 44.4%	4.8% 19.0% 14.3% 52.4% 45.5% 13.6% 7.7% 7.7% 22.2% 11.1%	(14-49%) 4.8% 9.5% 0.0% 4.8% 0.0% 4.5% 7.7% 0.0% 3.7% 7.4%	9.5% 4.8% 0.0% 0.0% 0.0% 0.0% 34.6% 53.8% 14.8% 37.0%	0.09 0.06 0.01 0.03 0.02 0.01 0.35 0.53 0.16 0.39	0.25 0.13 0.02 0.04 0.03 0.04 0.45 0.50 0.33 0.47	-0.13 0.83 -0.18
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index Controlled Environment Index Controlled Environment Index Employment Activity Index	Post Pre Post Pre Post Pre Post Pre Post Pre Post Pre Post	21 21 21 21 22 22 26 26 27 27 27	(0%) 81.0% 66.7% 85.7% 42.9% 54.5% 81.8% 50.0% 38.5% 59.3% 44.4% 22.2%	4.8% 19.0% 14.3% 52.4% 45.5% 13.6% 7.7% 7.7% 22.2% 11.1% 22.2%	(14-49%) 4.8% 9.5% 0.0% 4.8% 0.0% 4.5% 7.7% 0.0% 3.7% 7.4% 25.9%	9.5% 4.8% 0.0% 0.0% 0.0% 34.6% 53.8% 14.8% 37.0% 29.6%	0.09 0.06 0.01 0.03 0.02 0.01 0.35 0.53 0.16 0.39 0.29	0.25 0.13 0.02 0.04 0.03 0.04 0.45 0.50 0.33 0.47 0.26	-0.13 0.83 -0.18 0.38 0.70
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index Controlled Environment Index Controlled Environment Index Employment Activity Index Employment Activity Index	Post Pre Post Pre Post Pre Post Pre Post Pre Post Pre Post	21 21 21 22 22 26 26 27 27 27 27	(0%) 81.0% 66.7% 85.7% 42.9% 54.5% 81.8% 50.0% 38.5% 59.3% 44.4% 22.2% 22.2%	4.8% 19.0% 14.3% 52.4% 45.5% 13.6% 7.7% 7.7% 22.2% 11.1% 22.2% 22.2%	(14-49%) 4.8% 9.5% 0.0% 4.8% 0.0% 4.5% 7.7% 0.0% 3.7% 7.4% 25.9% 11.1%	9.5% 4.8% 0.0% 0.0% 0.0% 34.6% 53.8% 14.8% 37.0% 29.6% 44.4%	0.09 0.06 0.01 0.03 0.02 0.01 0.35 0.53 0.16 0.39 0.29 0.35	0.25 0.13 0.02 0.04 0.03 0.04 0.45 0.50 0.33 0.47 0.26 0.31	-0.13 0.83 -0.18 0.38
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index Controlled Environment Index Controlled Environment Index Employment Activity Index	Post Pre Post Pre Post Pre Post Pre Post Pre Post Pre Post	21 21 21 21 22 22 26 26 27 27 27	(0%) 81.0% 66.7% 85.7% 42.9% 54.5% 81.8% 50.0% 38.5% 59.3% 44.4% 22.2%	4.8% 19.0% 14.3% 52.4% 45.5% 13.6% 7.7% 7.7% 22.2% 11.1% 22.2%	(14-49%) 4.8% 9.5% 0.0% 4.8% 0.0% 4.5% 7.7% 0.0% 3.7% 7.4% 25.9%	9.5% 4.8% 0.0% 0.0% 0.0% 34.6% 53.8% 14.8% 37.0% 29.6%	0.09 0.06 0.01 0.03 0.02 0.01 0.35 0.53 0.16 0.39 0.29	0.25 0.13 0.02 0.04 0.03 0.04 0.45 0.50 0.33 0.47 0.26	-0.13 0.83 -0.18 0.38 0.70

	•				`%	% High			
			% none	% Low	Medium	(50-			
Functioning Indices		N	(0%)	(1-13%)	(14-49%)	100%)	Mean	St. Dev.	d
Substance Frequency Index	Pre	92	8.7%	43.5%	34.8%	13.0%	0.21	0.22	
Substance Frequency Index	Post	92	6.5%	68.5%	22.8%	2.2%	0.10	0.14	-0.47
Current Withdrawal Index	Pre	88	46.6%	19.3%	17.0%	17.0%	0.19	0.28	
Current Withdrawal Index	Post	88	68.2%	11.4%	17.0%	3.4%	0.08	0.15	-0.41
Health Problem Index	Pre	87	29.9%	29.9%	34.5%	5.7%	0.16	0.17	
Health Problem Index	Post	87	23.0%	35.6%	39.1%	2.3%	0.15	0.15	-0.03
Psychological Problem Index	Pre	92	6.5%	18.5%	55.4%	19.6%	0.31	0.24	
Psychological Problem Index	Post	92	4.3%	27.2%	56.5%	12.0%	0.26	0.20	-0.19
Illegal Activity Index	Pre	87	11.5%	17.2%	56.3%	14.9%	0.28	0.22	
Illegal Activity Index	Post	87	1.1%	29.9%	48.3%	20.7%	0.30	0.21	0.05
Recovery Environment Risk Index	Pre	92	0.0%	16.3%	79.3%	4.3%	0.21	0.11	
Recovery Environment Risk Index	Post	92	0.0%	31.5%	67.4%	1.1%	0.20	0.11	-0.15
					%	% High			
			% none	% Low	Medium	(50-			
Utilization Indices		N	(0%)	(1-13%)	(14-49%)	100%)	Mean	St. Dev.	d
Substance Abuse Treatment Index	Pre	83	<b>(0%)</b> 39.8%	<b>(1-13%)</b> 30.1%	<b>(14-49%)</b> 16.9%	<b>100%)</b> 13.3%	0.16	0.25	
Substance Abuse Treatment Index Substance Abuse Treatment Index	Post	83 83	(0%) 39.8% 53.0%	(1-13%) 30.1% 25.3%	(14-49%) 16.9% 13.3%	100%) 13.3% 8.4%	0.16 0.13	0.25 0.24	-0.14
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index	Post Pre	83 83 85	(0%) 39.8% 53.0% 62.4%	(1-13%) 30.1% 25.3% 30.6%	16.9% 13.3% 5.9%	100%) 13.3% 8.4% 1.2%	0.16 0.13 0.03	0.25 0.24 0.08	-0.14
Substance Abuse Treatment Index Substance Abuse Treatment Index	Post	83 83 85 85	(0%) 39.8% 53.0% 62.4% 50.6%	(1-13%) 30.1% 25.3% 30.6% 47.1%	16.9% 13.3% 5.9% 2.4%	100%) 13.3% 8.4% 1.2% 0.0%	0.16 0.13 0.03 0.03	0.25 0.24 0.08 0.04	
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index	Post Pre	83 83 85	(0%) 39.8% 53.0% 62.4%	(1-13%) 30.1% 25.3% 30.6%	16.9% 13.3% 5.9%	100%) 13.3% 8.4% 1.2%	0.16 0.13 0.03	0.25 0.24 0.08	-0.14 -0.08
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index	Post Pre Post	83 83 85 85 83 83	(0%) 39.8% 53.0% 62.4% 50.6% 56.6%	(1-13%) 30.1% 25.3% 30.6% 47.1% 31.3% 39.8%	(14-49%) 16.9% 13.3% 5.9% 2.4% 12.0% 3.6%	100%) 13.3% 8.4% 1.2% 0.0% 0.0% 0.0%	0.16 0.13 0.03 0.03 0.05 0.05	0.25 0.24 0.08 0.04 0.10 0.06	-0.14
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index	Post Pre Post Pre	83 83 85 85 85	(0%) 39.8% 53.0% 62.4% 50.6% 56.6%	(1-13%) 30.1% 25.3% 30.6% 47.1% 31.3% 39.8% 12.8%	(14-49%) 16.9% 13.3% 5.9% 2.4% 12.0% 3.6% 2.3%	100%) 13.3% 8.4% 1.2% 0.0% 0.0% 0.0% 39.5%	0.16 0.13 0.03 0.03 0.05 0.03 0.40	0.25 0.24 0.08 0.04 0.10	-0.14 -0.08 -0.22
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index	Post Pre Post Pre Post	83 83 85 85 83 83	(0%) 39.8% 53.0% 62.4% 50.6% 56.6%	(1-13%) 30.1% 25.3% 30.6% 47.1% 31.3% 39.8%	(14-49%) 16.9% 13.3% 5.9% 2.4% 12.0% 3.6%	100%) 13.3% 8.4% 1.2% 0.0% 0.0% 0.0%	0.16 0.13 0.03 0.03 0.05 0.05	0.25 0.24 0.08 0.04 0.10 0.06	-0.14 -0.08
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index	Post Pre Post Pre Post Pre	83 83 85 85 83 83	(0%) 39.8% 53.0% 62.4% 50.6% 56.6% 45.3%	(1-13%) 30.1% 25.3% 30.6% 47.1% 31.3% 39.8% 12.8%	(14-49%) 16.9% 13.3% 5.9% 2.4% 12.0% 3.6% 2.3%	100%) 13.3% 8.4% 1.2% 0.0% 0.0% 0.0% 39.5%	0.16 0.13 0.03 0.03 0.05 0.03 0.40	0.25 0.24 0.08 0.04 0.10 0.06 0.48	-0.14 -0.08 -0.22
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index	Post Pre Post Pre Post Pre Post	83 83 85 85 83 83 86 86	(0%) 39.8% 53.0% 62.4% 50.6% 56.6% 45.3% 40.7%	(1-13%) 30.1% 25.3% 30.6% 47.1% 31.3% 39.8% 12.8% 2.3%	(14-49%) 16.9% 13.3% 5.9% 2.4% 12.0% 3.6% 2.3% 1.2%	100%) 13.3% 8.4% 1.2% 0.0% 0.0% 0.0% 39.5% 55.8%	0.16 0.13 0.03 0.03 0.05 0.03 0.40 0.55	0.25 0.24 0.08 0.04 0.10 0.06 0.48 0.49	-0.14 -0.08 -0.22
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index Controlled Environment Index Controlled Environment Index Employment Activity Index	Post Pre Post Pre Post Pre Post Pre Post Pre Post Pre	83 83 85 85 83 83 86 86	(0%) 39.8% 53.0% 62.4% 50.6% 56.6% 45.3% 40.7% 34.8%	(1-13%) 30.1% 25.3% 30.6% 47.1% 31.3% 39.8% 12.8% 2.3% 25.0%	(14-49%) 16.9% 13.3% 5.9% 2.4% 12.0% 3.6% 2.3% 1.2% 23.9%	100%) 13.3% 8.4% 1.2% 0.0% 0.0% 0.0% 55.8% 16.3%	0.16 0.13 0.03 0.05 0.03 0.40 0.55 0.23 0.20 0.19	0.25 0.24 0.08 0.04 0.10 0.06 0.48 0.49 0.33 0.35 0.25	-0.14 -0.08 -0.22 0.33 -0.10
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index Controlled Environment Index Controlled Environment Index	Post Pre Post Pre Post Pre Post Pre Post Pre Post	83 83 85 85 83 83 86 86 92	(0%) 39.8% 53.0% 62.4% 50.6% 56.6% 45.3% 40.7% 34.8% 42.4%	30.1% 25.3% 30.6% 47.1% 31.3% 39.8% 12.8% 2.3% 25.0% 30.4%	(14-49%) 16.9% 13.3% 5.9% 2.4% 12.0% 3.6% 2.3% 1.2% 23.9% 9.8%	100%) 13.3% 8.4% 1.2% 0.0% 0.0% 0.0% 39.5% 55.8% 16.3% 17.4%	0.16 0.13 0.03 0.03 0.05 0.03 0.40 0.55 0.23 0.20	0.25 0.24 0.08 0.04 0.10 0.06 0.48 0.49 0.33 0.35	-0.14 -0.08 -0.22 0.33
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index Controlled Environment Index Controlled Environment Index Employment Activity Index	Post Pre Post Pre Post Pre Post Pre Post Pre Post Pre	83 83 85 85 83 83 86 86 92 92	(0%) 39.8% 53.0% 62.4% 50.6% 56.6% 45.3% 40.7% 34.8% 42.4% 47.6%	30.1% 25.3% 30.6% 47.1% 31.3% 39.8% 12.8% 2.3% 25.0% 30.4% 17.1%	14-49%) 16.9% 13.3% 5.9% 2.4% 12.0% 3.6% 2.3% 1.2% 23.9% 9.8% 19.5%	100%) 13.3% 8.4% 1.2% 0.0% 0.0% 39.5% 55.8% 16.3% 17.4% 15.9%	0.16 0.13 0.03 0.05 0.03 0.40 0.55 0.23 0.20 0.19	0.25 0.24 0.08 0.04 0.10 0.06 0.48 0.49 0.33 0.35 0.25	-0.14 -0.08 -0.22 0.33 -0.10

<b>Pre-Post Com</b>	parison for	Adolescent LT Residential	(Unweighted)
	pariouri iui	Addiocociit E i itoolaciitiai	, o o . g o a /

	-				<b>%</b>	% High			
			% none	% Low	Medium	(50-			
Functioning Indices		N	(0%)	(1-13%)	(14-49%)	100%)	Mean	St. Dev.	d
Substance Frequency Index	Pre	84	16.7%	29.8%	39.3%	14.3%	0.24	0.24	
Substance Frequency Index	Post	84	3.6%	81.0%	14.3%	1.2%	0.06	0.11	-0.73
Current Withdrawal Index	Pre	85	44.7%	20.0%	25.9%	9.4%	0.16	0.21	
Current Withdrawal Index	Post	85	76.5%	8.2%	11.8%	3.5%	0.06	0.15	-0.47
Health Problem Index	Pre	83	28.9%	37.3%	31.3%	2.4%	0.12	0.13	
Health Problem Index	Post	83	31.3%	38.6%	28.9%	1.2%	0.12	0.13	-0.06
Psychological Problem Index	Pre	82	2.4%	14.6%	58.5%	24.4%	0.35	0.24	
Psychological Problem Index	Post	82	8.5%	25.6%	57.3%	8.5%	0.25	0.19	-0.45
Illegal Activity Index	Pre	79	0.0%	13.9%	45.6%	40.5%	0.43	0.26	
Illegal Activity Index	Post	79	2.5%	46.8%	38.0%	12.7%	0.25	0.23	-0.65
Recovery Environment Risk Index	Pre	85	0.0%	5.9%	91.8%	2.4%	0.21	0.10	
Recovery Environment Risk Index	Post	85	0.0%	31.8%	68.2%	0.0%	0.18	0.09	-0.32
					%	0/ Lliab			
			% none	% Low	70 Medium	% High			
Utilization Indices		N	% none (0%)			(50-	Moon	St Dov	٨
Substance Abuse Treatment Index	Dro	67		(1-13%)	(14-49%)	100%)	Mean	St. Dev.	d
	Pre		55.2%	26.9%	10.4%	7.5%	0.10	0.23	0.20
Substance Abuse Treatment Index	Post	67 70	52.2% 74.4%	25.4%	9.0%	13.4%	0.17	0.32	0.30
Physical Health Treatment Index	Pre	78 70		23.1%	2.6%	0.0%	0.01	0.03	0.40
Physical Health Treatment Index	Post	78 75	61.5%	35.9%	2.6%	0.0%	0.02	0.04	0.18
Mental Health Treatment Index	Pre	75	68.0%	29.3% 18.7%	2.7%	0.0%	0.02	0.04	0.44
Mental Health Treatment Index	Post	75	73.3%	18.7%	8.0%	0.0%	0.02	0.06	0.14
Criminal Justice System Index	D	77	40.50/				0.70	0.40	
Original direction Original Indian	Pre	77 77	19.5%	5.2%	3.9%	71.4%	0.73	0.43	0.04
Criminal Justice System Index	Post	77	22.1%	5.2% 2.6%	3.9% 2.6%	71.4% 72.7%	0.72	0.43	-0.01
Controlled Environment Index	Post Pre	77 85	22.1% 23.5%	5.2% 2.6% 21.2%	3.9% 2.6% 21.2%	71.4% 72.7% 34.1%	0.72 0.37	0.43 0.40	
Controlled Environment Index Controlled Environment Index	Post Pre Post	77 85 85	22.1% 23.5% 48.2%	5.2% 2.6% 21.2% 11.8%	3.9% 2.6% 21.2% 15.3%	71.4% 72.7% 34.1% 24.7%	0.72 0.37 0.27	0.43 0.40 0.38	-0.01 -0.25
Controlled Environment Index Controlled Environment Index Employment Activity Index	Post Pre Post Pre	77 85 85 72	22.1% 23.5% 48.2% 0.0%	5.2% 2.6% 21.2% 11.8% 1.4%	3.9% 2.6% 21.2% 15.3% 2.8%	71.4% 72.7% 34.1% 24.7% 95.8%	0.72 0.37 0.27 0.12	0.43 0.40 0.38 0.20	-0.25
Controlled Environment Index Controlled Environment Index Employment Activity Index Employment Activity Index	Post Pre Post Pre Post	77 85 85 72 72	22.1% 23.5% 48.2% 0.0% 0.0%	5.2% 2.6% 21.2% 11.8% 1.4% 2.8%	3.9% 2.6% 21.2% 15.3% 2.8% 33.3%	71.4% 72.7% 34.1% 24.7% 95.8% 63.9%	0.72 0.37 0.27 0.12 0.30	0.43 0.40 0.38 0.20 0.32	
Controlled Environment Index Controlled Environment Index Employment Activity Index	Post Pre Post Pre	77 85 85 72	22.1% 23.5% 48.2% 0.0%	5.2% 2.6% 21.2% 11.8% 1.4%	3.9% 2.6% 21.2% 15.3% 2.8%	71.4% 72.7% 34.1% 24.7% 95.8%	0.72 0.37 0.27 0.12	0.43 0.40 0.38 0.20	-0.25

<b>Pre-Post Com</b>	parison for	<b>Adult Outpatient</b>	(Unweighted)

					%	% High			
			% none	% Low	Medium	(50-			
Functioning Indices		N	(0%)	(1-13%)	(14-49%)	100%)	Mean	St. Dev.	d
Substance Frequency Index	Pre	27	40.7%	51.9%	7.4%	0.0%	0.04	0.08	
Substance Frequency Index	Post	27	7.4%	88.9%	3.7%	0.0%	0.02	0.04	-0.22
Current Withdrawal Index	Pre	30	60.0%	16.7%	20.0%	3.3%	0.08	0.15	
Current Withdrawal Index	Post	30	86.7%	3.3%	6.7%	3.3%	0.05	0.14	-0.24
Health Problem Index	Pre	28	57.1%	25.0%	17.9%	0.0%	0.07	0.10	
Health Problem Index	Post	28	42.9%	39.3%	14.3%	3.6%	0.09	0.14	0.20
Psychological Problem Index	Pre	29	24.1%	55.2%	17.2%	3.4%	0.10	0.15	
Psychological Problem Index	Post	29	24.1%	41.4%	31.0%	3.4%	0.12	0.15	0.14
Illegal Activity Index	Pre	29	24.1%	65.5%	10.3%	0.0%	0.07	0.06	
Illegal Activity Index	Post	29	13.8%	65.5%	17.2%	3.4%	0.12	0.15	0.73
Recovery Environment Risk Index	Pre	30	0.0%	16.7%	83.3%	0.0%	0.16	0.04	
Recovery Environment Risk Index	Post	30	0.0%	30.0%	70.0%	0.0%	0.18	0.09	0.47
					%	% High			
			% none	% Low	Medium	(50-			
Utilization Indices		N	(0%)	(1-13%)	(14-49%)	100%)	Mean	St. Dev.	d
Substance Abuse Treatment Index	Pre	23	<b>(0%)</b> 82.6%	<b>(1-13%)</b> 13.0%	<b>(14-49%)</b> 4.3%	<b>100%)</b> 0.0%	0.02	0.08	
Substance Abuse Treatment Index Substance Abuse Treatment Index	Post	23 23	(0%) 82.6% 69.6%	(1-13%) 13.0% 21.7%	(14-49%) 4.3% 4.3%	0.0% 4.3%	0.02 0.06	0.08 0.21	d 0.47
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index		23	<b>(0%)</b> 82.6%	<b>(1-13%)</b> 13.0%	4.3% 4.3% 0.0%	0.0% 4.3% 0.0%	0.02 0.06 0.01	0.08 0.21 0.02	
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index	Post	23 23 27 27	(0%) 82.6% 69.6% 81.5% 77.8%	(1-13%) 13.0% 21.7% 18.5% 22.2%	4.3% 4.3% 0.0% 0.0%	100%) 0.0% 4.3% 0.0% 0.0%	0.02 0.06 0.01 0.01	0.08 0.21 0.02 0.01	
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index	Post Pre	23 23 27	(0%) 82.6% 69.6% 81.5% 77.8% 91.7%	(1-13%) 13.0% 21.7% 18.5% 22.2% 8.3%	(14-49%) 4.3% 4.3% 0.0% 0.0% 0.0%	100%) 0.0% 4.3% 0.0% 0.0% 0.0%	0.02 0.06 0.01 0.01 0.00	0.08 0.21 0.02	0.47
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index	Post Pre Post	23 23 27 27	(0%) 82.6% 69.6% 81.5% 77.8%	(1-13%) 13.0% 21.7% 18.5% 22.2%	4.3% 4.3% 0.0% 0.0%	100%) 0.0% 4.3% 0.0% 0.0%	0.02 0.06 0.01 0.01	0.08 0.21 0.02 0.01	0.47
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index	Post Pre Post Pre	23 23 27 27 27 24	(0%) 82.6% 69.6% 81.5% 77.8% 91.7% 95.8% 89.3%	(1-13%) 13.0% 21.7% 18.5% 22.2% 8.3% 4.2% 0.0%	(14-49%) 4.3% 4.3% 0.0% 0.0% 0.0% 0.0% 0.0%	100%) 0.0% 4.3% 0.0% 0.0% 0.0% 10.7%	0.02 0.06 0.01 0.01 0.00 0.00 0.11	0.08 0.21 0.02 0.01 0.01 0.01 0.31	0.47 -0.06 0.00
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index	Post Pre Post Pre Post	23 23 27 27 24 24	(0%) 82.6% 69.6% 81.5% 77.8% 91.7% 95.8%	(1-13%) 13.0% 21.7% 18.5% 22.2% 8.3% 4.2%	(14-49%) 4.3% 4.3% 0.0% 0.0% 0.0% 0.0%	100%) 0.0% 4.3% 0.0% 0.0% 0.0% 0.0%	0.02 0.06 0.01 0.01 0.00 0.00	0.08 0.21 0.02 0.01 0.01 0.01	0.47
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index	Post Pre Post Pre Post Pre	23 23 27 27 24 24 28	(0%) 82.6% 69.6% 81.5% 77.8% 91.7% 95.8% 89.3%	(1-13%) 13.0% 21.7% 18.5% 22.2% 8.3% 4.2% 0.0%	(14-49%) 4.3% 4.3% 0.0% 0.0% 0.0% 0.0% 0.0%	100%) 0.0% 4.3% 0.0% 0.0% 0.0% 10.7%	0.02 0.06 0.01 0.01 0.00 0.00 0.11	0.08 0.21 0.02 0.01 0.01 0.01 0.31	0.47 -0.06 0.00
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index	Post Pre Post Pre Post Pre Post	23 23 27 27 24 24 28 28	(0%) 82.6% 69.6% 81.5% 77.8% 91.7% 95.8% 89.3% 82.1%	13.0% 21.7% 18.5% 22.2% 8.3% 4.2% 0.0% 0.0%	(14-49%) 4.3% 4.3% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%	100%) 0.0% 4.3% 0.0% 0.0% 0.0% 10.7% 17.9%	0.02 0.06 0.01 0.01 0.00 0.00 0.11 0.18	0.08 0.21 0.02 0.01 0.01 0.01 0.31 0.39	0.47 -0.06 0.00
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index Controlled Environment Index	Post Pre Post Pre Post Pre Post Pre	23 23 27 27 24 24 28 28 30	(0%) 82.6% 69.6% 81.5% 77.8% 91.7% 95.8% 89.3% 82.1% 93.3%	13.0% 21.7% 18.5% 22.2% 8.3% 4.2% 0.0% 0.0% 6.7%	(14-49%) 4.3% 4.3% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0%	100%) 0.0% 4.3% 0.0% 0.0% 0.0% 10.7% 17.9% 0.0%	0.02 0.06 0.01 0.01 0.00 0.00 0.11 0.18 0.00	0.08 0.21 0.02 0.01 0.01 0.01 0.31 0.39 0.02	0.47 -0.06 0.00 0.23
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index Controlled Environment Index Controlled Environment Index	Post Pre Post Pre Post Pre Post Pre Post Pre Post	23 23 27 27 24 24 28 28 30 30	(0%) 82.6% 69.6% 81.5% 77.8% 91.7% 95.8% 89.3% 82.1% 93.3% 93.3%	13.0% 21.7% 18.5% 22.2% 8.3% 4.2% 0.0% 6.7% 6.7%	(14-49%) 4.3% 4.3% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0	100%) 0.0% 4.3% 0.0% 0.0% 0.0% 10.7% 17.9% 0.0% 0.0%	0.02 0.06 0.01 0.01 0.00 0.00 0.11 0.18 0.00	0.08 0.21 0.02 0.01 0.01 0.31 0.39 0.02 0.01	0.47 -0.06 0.00 0.23
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index Controlled Environment Index Controlled Environment Index Employment Activity Index	Post Pre Post Pre Post Pre Post Pre Post Pre Post Pre Post	23 23 27 27 24 24 28 28 30 30 28	(0%) 82.6% 69.6% 81.5% 77.8% 91.7% 95.8% 89.3% 82.1% 93.3% 93.3% 14.3%	13.0% 21.7% 18.5% 22.2% 8.3% 4.2% 0.0% 6.7% 6.7% 39.3%	(14-49%) 4.3% 4.3% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 0	100%)  0.0% 4.3% 0.0% 0.0% 0.0% 10.7% 17.9% 0.0% 0.0% 46.4%	0.02 0.06 0.01 0.01 0.00 0.00 0.11 0.18 0.00 0.00	0.08 0.21 0.02 0.01 0.01 0.01 0.31 0.39 0.02 0.01 0.42	0.47 -0.06 0.00 0.23 -0.06

Pre-Post Comparison for Adult Methadone (Unweighted)
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110-100				`	%	% High			
			% none	% Low	Medium	(50-			
Functioning Indices		N	(0%)	(1-13%)	(14-49%)	100%)	Mean	St. Dev.	d
Substance Frequency Index	Pre	22	4.5%	4.5%	54.5%	36.4%	0.37	0.17	
Substance Frequency Index	Post	22	9.1%	59.1%	13.6%	18.2%	0.17	0.22	-1.19
Current Withdrawal Index	Pre	22	0.0%	9.1%	18.2%	72.7%	0.54	0.27	
Current Withdrawal Index	Post	22	40.9%	18.2%	18.2%	22.7%	0.22	0.28	-1.19
Health Problem Index	Pre	22	18.2%	36.4%	36.4%	9.1%	0.16	0.14	
Health Problem Index	Post	22	27.3%	45.5%	18.2%	9.1%	0.11	0.15	-0.29
Psychological Problem Index	Pre	22	13.6%	13.6%	59.1%	13.6%	0.28	0.20	
Psychological Problem Index	Post	22	9.1%	45.5%	36.4%	9.1%	0.18	0.16	-0.48
Illegal Activity Index	Pre	22	18.2%	31.8%	13.6%	36.4%	0.31	0.30	
Illegal Activity Index	Post	22	13.6%	63.6%	18.2%	4.5%	0.12	0.16	-0.61
Recovery Environment Risk Index	Pre	22	0.0%	18.2%	81.8%	0.0%	0.20	0.09	
Recovery Environment Risk Index	Post	22	4.5%	31.8%	59.1%	4.5%	0.17	0.12	-0.28
					%	% High			
						_			
			% none	% Low	Medium	(50-			
Utilization Indices		N	(0%)	(1-13%)	(14-49%)	(50- 100%)	Mean	St. Dev.	d
Substance Abuse Treatment Index	Pre	17	<b>(0%)</b> 52.9%	<b>(1-13%)</b> 35.3%	<b>(14-49%)</b> 5.9%	( <b>50-</b> <b>100%)</b> 5.9%	0.09	0.16	
Substance Abuse Treatment Index Substance Abuse Treatment Index	Post	17 17	(0%) 52.9% 41.2%	(1-13%) 35.3% 11.8%	(14-49%) 5.9% 0.0%	(50- 100%) 5.9% 47.1%	0.09 0.45	0.16 0.49	d 2.25
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index	Post Pre	17 17 22	(0%) 52.9% 41.2% 54.5%	(1-13%) 35.3% 11.8% 31.8%	5.9% 0.0% 13.6%	(50- 100%) 5.9% 47.1% 0.0%	0.09 0.45 0.05	0.16 0.49 0.09	2.25
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index	Post Pre Post	17 17 22 22	(0%) 52.9% 41.2% 54.5% 68.2%	(1-13%) 35.3% 11.8% 31.8% 31.8%	5.9% 0.0% 13.6% 0.0%	(50- 100%) 5.9% 47.1% 0.0% 0.0%	0.09 0.45 0.05 0.02	0.16 0.49 0.09 0.04	
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index	Post Pre Post Pre	17 17 22 22 21	(0%) 52.9% 41.2% 54.5% 68.2% 85.7%	(1-13%) 35.3% 11.8% 31.8% 31.8% 9.5%	(14-49%) 5.9% 0.0% 13.6% 0.0% 4.8%	(50- 100%) 5.9% 47.1% 0.0% 0.0% 0.0%	0.09 0.45 0.05 0.02 0.01	0.16 0.49 0.09 0.04 0.04	2.25 -0.35
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index	Post Pre Post	17 17 22 22 21 21	(0%) 52.9% 41.2% 54.5% 68.2% 85.7% 95.2%	(1-13%) 35.3% 11.8% 31.8% 9.5% 4.8%	(14-49%) 5.9% 0.0% 13.6% 0.0% 4.8% 0.0%	(50- 100%) 5.9% 47.1% 0.0% 0.0% 0.0% 0.0%	0.09 0.45 0.05 0.02 0.01 0.00	0.16 0.49 0.09 0.04 0.04 0.00	2.25
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index	Post Pre Post Pre Post Pre	17 17 22 22 21 21 16	(0%) 52.9% 41.2% 54.5% 68.2% 85.7% 95.2% 68.8%	(1-13%) 35.3% 11.8% 31.8% 31.8% 9.5% 4.8% 6.3%	(14-49%) 5.9% 0.0% 13.6% 0.0% 4.8% 0.0% 6.3%	(50- 100%) 5.9% 47.1% 0.0% 0.0% 0.0% 0.0% 18.8%	0.09 0.45 0.05 0.02 0.01 0.00 0.18	0.16 0.49 0.09 0.04 0.04 0.00 0.36	2.25 -0.35 -0.28
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index	Post Pre Post Pre Post Pre Post	17 17 22 22 21 21 16 16	(0%) 52.9% 41.2% 54.5% 68.2% 85.7% 95.2% 68.8% 75.0%	(1-13%) 35.3% 11.8% 31.8% 31.8% 9.5% 4.8% 6.3% 12.5%	14-49%) 5.9% 0.0% 13.6% 0.0% 4.8% 0.0% 6.3% 0.0%	(50- 100%) 5.9% 47.1% 0.0% 0.0% 0.0% 18.8% 12.5%	0.09 0.45 0.05 0.02 0.01 0.00 0.18 0.13	0.16 0.49 0.09 0.04 0.04 0.00 0.36 0.34	2.25 -0.35
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index Controlled Environment Index	Post Pre Post Pre Post Pre	17 17 22 22 21 21 16 16 22	(0%) 52.9% 41.2% 54.5% 68.2% 85.7% 95.2% 68.8% 75.0% 45.5%	11.3%) 35.3% 11.8% 31.8% 31.8% 9.5% 4.8% 6.3% 12.5% 27.3%	14-49%) 5.9% 0.0% 13.6% 0.0% 4.8% 0.0% 6.3% 0.0% 22.7%	(50- 100%) 5.9% 47.1% 0.0% 0.0% 0.0% 18.8% 12.5% 4.5%	0.09 0.45 0.05 0.02 0.01 0.00 0.18 0.13 0.12	0.16 0.49 0.09 0.04 0.04 0.00 0.36 0.34 0.19	2.25 -0.35 -0.28 -0.14
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index Controlled Environment Index Controlled Environment Index	Post Pre Post Pre Post Pre Post Pre Post Pre Post	17 17 22 22 21 21 16 16 22 22	(0%) 52.9% 41.2% 54.5% 68.2% 85.7% 95.2% 68.8% 75.0% 45.5% 68.2%	11-13%) 35.3% 11.8% 31.8% 9.5% 4.8% 6.3% 12.5% 27.3% 18.2%	14-49%) 5.9% 0.0% 13.6% 0.0% 4.8% 0.0% 6.3% 0.0% 22.7% 9.1%	(50- 100%) 5.9% 47.1% 0.0% 0.0% 0.0% 18.8% 12.5% 4.5% 4.5%	0.09 0.45 0.05 0.02 0.01 0.00 0.18 0.13 0.12 0.07	0.16 0.49 0.09 0.04 0.04 0.00 0.36 0.34 0.19	2.25 -0.35 -0.28
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index Controlled Environment Index Controlled Environment Index Employment Activity Index	Post Pre Post Pre Post Pre Post Pre	17 17 22 22 21 21 16 16 22 22	(0%) 52.9% 41.2% 54.5% 68.2% 85.7% 95.2% 68.8% 75.0% 45.5% 68.2% 38.1%	11-13%) 35.3% 11.8% 31.8% 9.5% 4.8% 6.3% 12.5% 27.3% 18.2% 52.4%	14-49%) 5.9% 0.0% 13.6% 0.0% 4.8% 0.0% 6.3% 0.0% 22.7% 9.1% 0.0%	(50- 100%) 5.9% 47.1% 0.0% 0.0% 0.0% 18.8% 12.5% 4.5% 4.5% 9.5%	0.09 0.45 0.05 0.02 0.01 0.00 0.18 0.13 0.12 0.07 0.12	0.16 0.49 0.09 0.04 0.04 0.00 0.36 0.34 0.19 0.22 0.28	2.25 -0.35 -0.28 -0.14 -0.26
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index Controlled Environment Index Controlled Environment Index Employment Activity Index Employment Activity Index	Post Pre Post Pre Post Pre Post Pre Post Pre Post Pre Post	17 17 22 22 21 21 16 16 22 22 21 21	(0%) 52.9% 41.2% 54.5% 68.2% 85.7% 95.2% 68.8% 75.0% 45.5% 68.2% 38.1% 4.8%	35.3% 11.8% 31.8% 31.8% 9.5% 4.8% 6.3% 12.5% 27.3% 18.2% 52.4% 47.6%	14-49%) 5.9% 0.0% 13.6% 0.0% 4.8% 0.0% 6.3% 0.0% 22.7% 9.1% 0.0% 9.5%	(50- 100%) 5.9% 47.1% 0.0% 0.0% 0.0% 18.8% 12.5% 4.5% 4.5% 9.5% 38.1%	0.09 0.45 0.05 0.02 0.01 0.00 0.18 0.13 0.12 0.07 0.12 0.36	0.16 0.49 0.09 0.04 0.04 0.00 0.36 0.34 0.19 0.22 0.28 0.36	2.25 -0.35 -0.28 -0.14
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index Controlled Environment Index Controlled Environment Index Employment Activity Index	Post Pre Post Pre Post Pre Post Pre Post Pre Post Pre Post	17 17 22 22 21 21 16 16 22 22	(0%) 52.9% 41.2% 54.5% 68.2% 85.7% 95.2% 68.8% 75.0% 45.5% 68.2% 38.1%	11-13%) 35.3% 11.8% 31.8% 9.5% 4.8% 6.3% 12.5% 27.3% 18.2% 52.4%	14-49%) 5.9% 0.0% 13.6% 0.0% 4.8% 0.0% 6.3% 0.0% 22.7% 9.1% 0.0%	(50- 100%) 5.9% 47.1% 0.0% 0.0% 0.0% 18.8% 12.5% 4.5% 4.5% 9.5%	0.09 0.45 0.05 0.02 0.01 0.00 0.18 0.13 0.12 0.07 0.12	0.16 0.49 0.09 0.04 0.04 0.00 0.36 0.34 0.19 0.22 0.28	2.25 -0.35 -0.28 -0.14 -0.26

### **Pre-Post Comparison for Adult ST Residential (Unweighted)**

1101030	Companisc				,	,			
			0/	0/ 1	%	% High			
Functioning Indices		N	% none (0%)	% Low (1-13%)	Medium (14-49%)	(50- 100%)	Mean	St. Dev.	d
Substance Frequency Index	Pre	65	4.6%	23.1%	50.8%	21.5%	0.32	0.24	u
Substance Frequency Index	Post	65	52.3%	32.3%	4.6%	10.8%	0.32	0.24	-0.98
Current Withdrawal Index	Pre	64	10.9%	10.9%	23.4%	54.7%	0.09	0.19	-0.30
Current Withdrawal Index			50.0%	12.5%	23.4 %	15.6%	0.48	0.28	-0.99
	Post	64 56				8.9%	0.18	0.24	-0.99
Health Problem Index	Pre	56	35.7%	19.6%	35.7%				0.00
Health Problem Index	Post	56	21.4%	46.4%	19.6%	12.5%	0.17	0.22	-0.06
Psychological Problem Index	Pre	66	10.6%	22.7%	43.9%	22.7%	0.28	0.24	0.00
Psychological Problem Index	Post	66	4.5%	37.9%	43.9%	13.6%	0.24	0.20	-0.20
Illegal Activity Index	Pre	64	28.1%	26.6%	21.9%	23.4%	0.27	0.31	0.00
Illegal Activity Index	Post	64	9.4%	60.9%	18.8%	10.9%	0.19	0.24	-0.28
Recovery Environment Risk Index	Pre	67	0.0%	25.4%	70.1%	4.5%	0.23	0.13	
Recovery Environment Risk Index	Post	67	3.0%	55.2%	37.3%	4.5%	0.16	0.15	-0.53
					%	% High			
			0/	0/ 1		_			
Heli-adian hadiaaa		N.	% none	% Low	Medium	(50-	M	Ct. Davi	_1
Utilization Indices		N_	(0%)	(1-13%)	Medium (14-49%)	(50- 100%)	Mean	St. Dev.	d
Substance Abuse Treatment Index	Pre	61	<b>(0%)</b> 44.3%	<b>(1-13%)</b> 41.0%	Medium (14-49%) 11.5%	(50- 100%) 3.3%	0.07	0.16	
Substance Abuse Treatment Index Substance Abuse Treatment Index	Post	61 61	<b>(0%)</b> 44.3% 60.7%	<b>(1-13%)</b> 41.0% 13.1%	Medium (14-49%) 11.5% 14.8%	(50- 100%) 3.3% 11.5%	0.07 0.16	0.16 0.32	d 0.55
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index	Post Pre	61 61 59	(0%) 44.3% 60.7% 49.2%	(1-13%) 41.0% 13.1% 42.4%	Medium (14-49%) 11.5% 14.8% 6.8%	(50- 100%) 3.3% 11.5% 1.7%	0.07 0.16 0.05	0.16 0.32 0.09	0.55
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index	Post Pre Post	61 61 59 59	(0%) 44.3% 60.7% 49.2% 49.2%	(1-13%) 41.0% 13.1% 42.4% 45.8%	Medium (14-49%) 11.5% 14.8% 6.8% 3.4%	(50- 100%) 3.3% 11.5% 1.7% 1.7%	0.07 0.16 0.05 0.04	0.16 0.32 0.09 0.10	
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index	Post Pre Post Pre	61 61 59 59 60	(0%) 44.3% 60.7% 49.2% 49.2% 71.7%	(1-13%) 41.0% 13.1% 42.4% 45.8% 23.3%	Medium (14-49%) 11.5% 14.8% 6.8% 3.4% 5.0%	(50- 100%) 3.3% 11.5% 1.7% 0.0%	0.07 0.16 0.05 0.04 0.03	0.16 0.32 0.09 0.10 0.07	0.55 -0.10
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index	Post Pre Post Pre Post	61 61 59 59 60	(0%) 44.3% 60.7% 49.2% 49.2% 71.7% 93.3%	(1-13%) 41.0% 13.1% 42.4% 45.8% 23.3% 6.7%	Medium (14-49%) 11.5% 14.8% 6.8% 3.4% 5.0% 0.0%	(50- 100%) 3.3% 11.5% 1.7% 1.7% 0.0% 0.0%	0.07 0.16 0.05 0.04 0.03 0.00	0.16 0.32 0.09 0.10 0.07 0.02	0.55
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index	Post Pre Post Pre Post Pre	61 61 59 59 60 60	(0%) 44.3% 60.7% 49.2% 49.2% 71.7% 93.3% 90.0%	(1-13%) 41.0% 13.1% 42.4% 45.8% 23.3% 6.7% 5.0%	Medium (14-49%) 11.5% 14.8% 6.8% 3.4% 5.0% 0.0% 1.7%	(50- 100%) 3.3% 11.5% 1.7% 1.7% 0.0% 0.0% 3.3%	0.07 0.16 0.05 0.04 0.03 0.00 0.04	0.16 0.32 0.09 0.10 0.07 0.02 0.19	0.55 -0.10 -0.34
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index	Post Pre Post Pre Post Pre Post	61 61 59 59 60 60 60	(0%) 44.3% 60.7% 49.2% 49.2% 71.7% 93.3% 90.0% 85.0%	41.0% 13.1% 42.4% 45.8% 23.3% 6.7% 5.0% 3.3%	Medium (14-49%) 11.5% 14.8% 6.8% 3.4% 5.0% 0.0% 1.7% 0.0%	(50- 100%) 3.3% 11.5% 1.7% 0.0% 0.0% 3.3% 11.7%	0.07 0.16 0.05 0.04 0.03 0.00 0.04 0.11	0.16 0.32 0.09 0.10 0.07 0.02 0.19 0.31	0.55 -0.10
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index Controlled Environment Index	Post Pre Post Pre Post Pre	61 61 59 59 60 60 60 60	(0%) 44.3% 60.7% 49.2% 49.2% 71.7% 93.3% 90.0% 85.0% 47.8%	41.0% 13.1% 42.4% 45.8% 23.3% 6.7% 5.0% 3.3% 32.8%	Medium (14-49%) 11.5% 14.8% 6.8% 3.4% 5.0% 0.0% 1.7% 0.0% 10.4%	(50- 100%) 3.3% 11.5% 1.7% 0.0% 0.0% 3.3% 11.7% 9.0%	0.07 0.16 0.05 0.04 0.03 0.00 0.04 0.11	0.16 0.32 0.09 0.10 0.07 0.02 0.19 0.31 0.21	0.55 -0.10 -0.34 0.38
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index	Post Pre Post Pre Post Pre Post	61 61 59 59 60 60 60 67 67	(0%) 44.3% 60.7% 49.2% 49.2% 71.7% 93.3% 90.0% 85.0%	41.0% 13.1% 42.4% 45.8% 23.3% 6.7% 5.0% 3.3%	Medium (14-49%) 11.5% 14.8% 6.8% 3.4% 5.0% 0.0% 1.7% 0.0% 10.4% 7.5%	(50- 100%) 3.3% 11.5% 1.7% 0.0% 0.0% 3.3% 11.7% 9.0% 13.4%	0.07 0.16 0.05 0.04 0.03 0.00 0.04 0.11 0.10 0.14	0.16 0.32 0.09 0.10 0.07 0.02 0.19 0.31 0.21 0.31	0.55 -0.10 -0.34
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index Controlled Environment Index Controlled Environment Index Employment Activity Index	Post Pre Post Pre Post Post Pre	61 61 59 59 60 60 60 67 67 63	(0%) 44.3% 60.7% 49.2% 49.2% 71.7% 93.3% 90.0% 85.0% 47.8% 65.7% 20.6%	41.0% 13.1% 42.4% 45.8% 23.3% 6.7% 5.0% 3.3% 32.8% 13.4% 38.1%	Medium (14-49%) 11.5% 14.8% 6.8% 3.4% 5.0% 0.0% 1.7% 0.0% 10.4% 7.5% 11.1%	(50- 100%) 3.3% 11.5% 1.7% 1.7% 0.0% 0.0% 3.3% 11.7% 9.0% 13.4% 30.2%	0.07 0.16 0.05 0.04 0.03 0.00 0.04 0.11 0.10 0.14 0.29	0.16 0.32 0.09 0.10 0.07 0.02 0.19 0.31 0.21 0.31 0.32	0.55 -0.10 -0.34 0.38 0.18
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index Controlled Environment Index Controlled Environment Index Employment Activity Index Employment Activity Index	Post Pre Post Pre Post Pre Post Pre Post Pre Post	61 61 59 59 60 60 60 67 67	(0%) 44.3% 60.7% 49.2% 49.2% 71.7% 93.3% 90.0% 85.0% 47.8% 65.7%	41.0% 13.1% 42.4% 45.8% 23.3% 6.7% 5.0% 3.3% 32.8% 13.4%	Medium (14-49%) 11.5% 14.8% 6.8% 3.4% 5.0% 0.0% 1.7% 0.0% 10.4% 7.5%	(50- 100%) 3.3% 11.5% 1.7% 0.0% 0.0% 3.3% 11.7% 9.0% 13.4%	0.07 0.16 0.05 0.04 0.03 0.00 0.04 0.11 0.10 0.14	0.16 0.32 0.09 0.10 0.07 0.02 0.19 0.31 0.21 0.31 0.32 0.36	0.55 -0.10 -0.34 0.38
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index Controlled Environment Index Controlled Environment Index Employment Activity Index	Post Pre Post Pre Post Pre Post Pre Post Pre Post Pre Post	61 61 59 59 60 60 60 67 67 63	(0%) 44.3% 60.7% 49.2% 49.2% 71.7% 93.3% 90.0% 85.0% 47.8% 65.7% 20.6%	41.0% 13.1% 42.4% 45.8% 23.3% 6.7% 5.0% 3.3% 32.8% 13.4% 38.1%	Medium (14-49%) 11.5% 14.8% 6.8% 3.4% 5.0% 0.0% 1.7% 0.0% 10.4% 7.5% 11.1%	(50- 100%) 3.3% 11.5% 1.7% 1.7% 0.0% 0.0% 3.3% 11.7% 9.0% 13.4% 30.2%	0.07 0.16 0.05 0.04 0.03 0.00 0.04 0.11 0.10 0.14 0.29	0.16 0.32 0.09 0.10 0.07 0.02 0.19 0.31 0.21 0.31 0.32	0.55 -0.10 -0.34 0.38 0.18

	•				%	% Ĥigh			
			% none	% Low	Medium	(50-			
Functioning Indices		N	(0%)	(1-13%)	(14-49%)	100%)	Mean	St. Dev.	d
Substance Frequency Index	Pre	98	62.2%	20.4%	9.2%	8.2%	0.10	0.22	
Substance Frequency Index	Post	98	29.6%	59.2%	10.2%	1.0%	0.04	0.10	-0.24
Current Withdrawal Index	Pre	94	72.3%	8.5%	10.6%	8.5%	0.10	0.22	
Current Withdrawal Index	Post	94	60.6%	19.1%	14.9%	5.3%	0.09	0.15	-0.04
Health Problem Index	Pre	76	42.1%	39.5%	17.1%	1.3%	0.09	0.13	
Health Problem Index	Post	76	28.9%	57.9%	11.8%	1.3%	0.07	0.08	-0.19
Psychological Problem Index	Pre	96	0.0%	30.2%	67.7%	2.1%	0.24	0.15	
Psychological Problem Index	Post	96	6.3%	57.3%	35.4%	1.0%	0.14	0.13	-0.69
Illegal Activity Index	Pre	92	3.3%	78.3%	14.1%	4.3%	0.14	0.15	
Illegal Activity Index	Post	92	2.2%	70.7%	17.4%	9.8%	0.16	0.19	0.12
Recovery Environment Risk Index	Pre	101	3.0%	42.6%	54.5%	0.0%	0.14	0.06	
Recovery Environment Risk Index	Post	101	3.0%	68.3%	28.7%	0.0%	0.13	0.09	-0.13
					0.4	0/ 111 1			
					%	% High			
			• •			<b></b>			
			% none	% Low	Medium	(50-			_
Utilization Indices		N	(0%)	(1-13%)	(14-49%)	100%)	Mean	St. Dev.	d
Substance Abuse Treatment Index	Pre	80	<b>(0%)</b> 60.0%	<b>(1-13%)</b> 13.8%	<b>(14-49%)</b> 7.5%	<b>100%)</b> 18.8%	0.20	0.35	
Substance Abuse Treatment Index Substance Abuse Treatment Index	Post	80 80	(0%) 60.0% 48.8%	(1-13%) 13.8% 10.0%	<b>(14-49%)</b> 7.5% 28.8%	100%) 18.8% 12.5%	0.20 0.20	0.35 0.30	d 0.01
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index	Post Pre	80 80 84	(0%) 60.0% 48.8% 83.3%	(1-13%) 13.8% 10.0% 14.3%	7.5% 28.8% 2.4%	100%) 18.8% 12.5% 0.0%	0.20 0.20 0.01	0.35 0.30 0.04	0.01
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index	Post Pre Post	80 80 84 84	(0%) 60.0% 48.8% 83.3% 71.4%	(1-13%) 13.8% 10.0% 14.3% 28.6%	7.5% 28.8% 2.4% 0.0%	100%) 18.8% 12.5% 0.0% 0.0%	0.20 0.20 0.01 0.01	0.35 0.30 0.04 0.02	
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index	Post Pre	80 80 84 84 96	(0%) 60.0% 48.8% 83.3% 71.4% 81.3%	13.8% 10.0% 14.3% 28.6% 14.6%	7.5% 28.8% 2.4% 0.0% 2.1%	100%) 18.8% 12.5% 0.0% 0.0% 2.1%	0.20 0.20 0.01 0.01 0.02	0.35 0.30 0.04 0.02 0.10	0.01
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index	Post Pre Post	80 80 84 84 96 96	(0%) 60.0% 48.8% 83.3% 71.4% 81.3% 96.9%	13.8% 10.0% 14.3% 28.6% 14.6% 3.1%	7.5% 28.8% 2.4% 0.0% 2.1% 0.0%	100%) 18.8% 12.5% 0.0% 0.0% 2.1% 0.0%	0.20 0.20 0.01 0.01 0.02 0.00	0.35 0.30 0.04 0.02	0.01
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index	Post Pre Post Pre Post Pre	80 80 84 84 96 96	(0%) 60.0% 48.8% 83.3% 71.4% 81.3% 96.9% 25.9%	13.8% 10.0% 14.3% 28.6% 14.6% 3.1% 7.1%	7.5% 28.8% 2.4% 0.0% 2.1% 0.0% 2.4%	100%) 18.8% 12.5% 0.0% 0.0% 2.1% 0.0% 64.7%	0.20 0.20 0.01 0.01 0.02 0.00 0.65	0.35 0.30 0.04 0.02 0.10 0.01 0.47	0.01 0.03 -0.20
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index	Post Pre Post Pre Post	80 80 84 84 96 96	(0%) 60.0% 48.8% 83.3% 71.4% 81.3% 96.9%	13.8% 10.0% 14.3% 28.6% 14.6% 3.1%	7.5% 28.8% 2.4% 0.0% 2.1% 0.0%	100%) 18.8% 12.5% 0.0% 0.0% 2.1% 0.0%	0.20 0.20 0.01 0.01 0.02 0.00 0.65 0.70	0.35 0.30 0.04 0.02 0.10 0.01	0.01
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index	Post Pre Post Pre Post Pre	80 80 84 84 96 96	(0%) 60.0% 48.8% 83.3% 71.4% 81.3% 96.9% 25.9%	13.8% 10.0% 14.3% 28.6% 14.6% 3.1% 7.1%	7.5% 28.8% 2.4% 0.0% 2.1% 0.0% 2.4%	100%) 18.8% 12.5% 0.0% 0.0% 2.1% 0.0% 64.7%	0.20 0.20 0.01 0.01 0.02 0.00 0.65	0.35 0.30 0.04 0.02 0.10 0.01 0.47	0.01 0.03 -0.20
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index	Post Pre Post Pre Post Pre Post	80 80 84 84 96 96 85 85	(0%) 60.0% 48.8% 83.3% 71.4% 81.3% 96.9% 25.9%	13.8% 10.0% 14.3% 28.6% 14.6% 3.1% 7.1% 0.0%	7.5% 28.8% 2.4% 0.0% 2.1% 0.0% 2.4% 4.7%	100%) 18.8% 12.5% 0.0% 0.0% 2.1% 0.0% 64.7% 69.4%	0.20 0.20 0.01 0.01 0.02 0.00 0.65 0.70	0.35 0.30 0.04 0.02 0.10 0.01 0.47 0.45	0.01 0.03 -0.20
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index Controlled Environment Index Controlled Environment Index Employment Activity Index	Post Pre Post Pre Post Post Pre	80 80 84 84 96 96 85 85	(0%) 60.0% 48.8% 83.3% 71.4% 81.3% 96.9% 25.9% 15.8% 60.4% 11.1%	13.8% 10.0% 14.3% 28.6% 14.6% 3.1% 7.1% 0.0% 12.9% 7.9% 82.2%	7.5% 28.8% 2.4% 0.0% 2.1% 0.0% 2.4% 4.7% 5.9% 12.9% 3.3%	100%) 18.8% 12.5% 0.0% 0.0% 2.1% 0.0% 64.7% 69.4% 65.3% 18.8% 3.3%	0.20 0.20 0.01 0.01 0.02 0.00 0.65 0.70 0.66 0.20 0.08	0.35 0.30 0.04 0.02 0.10 0.01 0.47 0.45 0.44 0.35 0.11	0.01 0.03 -0.20 0.10 -1.02
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index Controlled Environment Index Controlled Environment Index	Post Pre Post Pre Post Pre Post Pre Post Pre Post	80 80 84 84 96 96 85 85 101	(0%) 60.0% 48.8% 83.3% 71.4% 81.3% 96.9% 25.9% 25.9% 15.8% 60.4%	13.8% 10.0% 14.3% 28.6% 14.6% 3.1% 7.1% 0.0% 12.9% 7.9%	7.5% 28.8% 2.4% 0.0% 2.1% 0.0% 2.4% 4.7% 5.9% 12.9%	100%) 18.8% 12.5% 0.0% 0.0% 2.1% 0.0% 64.7% 69.4% 65.3% 18.8%	0.20 0.20 0.01 0.01 0.02 0.00 0.65 0.70 0.66 0.20	0.35 0.30 0.04 0.02 0.10 0.01 0.47 0.45 0.44	0.01 0.03 -0.20 0.10
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index Controlled Environment Index Controlled Environment Index Employment Activity Index	Post Pre Post Pre Post Pre Post Pre Post Pre Post Pre Post	80 80 84 84 96 96 85 85 101 101	(0%) 60.0% 48.8% 83.3% 71.4% 81.3% 96.9% 25.9% 15.8% 60.4% 11.1%	13.8% 10.0% 14.3% 28.6% 14.6% 3.1% 7.1% 0.0% 12.9% 7.9% 82.2%	7.5% 28.8% 2.4% 0.0% 2.1% 0.0% 2.4% 4.7% 5.9% 12.9% 3.3%	100%) 18.8% 12.5% 0.0% 0.0% 2.1% 0.0% 64.7% 69.4% 65.3% 18.8% 3.3%	0.20 0.20 0.01 0.01 0.02 0.00 0.65 0.70 0.66 0.20 0.08	0.35 0.30 0.04 0.02 0.10 0.01 0.47 0.45 0.44 0.35 0.11	0.01 0.03 -0.20 0.10 -1.02

Pre-Post	Comparison	for Adult	Residential (	(Unweighted)
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	•			·	%	% High			
			% none	% Low	Medium	(50-			
Functioning Indices		N	(0%)	(1-13%)	(14-49%)	100%)	Mean	St. Dev.	d
Substance Frequency Index	Pre	162	2.5%	19.8%	51.2%	26.5%	0.35	0.26	
Substance Frequency Index	Post	162	42.0%	49.4%	4.9%	3.7%	0.05	0.11	-1.20
Current Withdrawal Index	Pre	160	16.9%	11.3%	35.0%	36.9%	0.37	0.28	
Current Withdrawal Index	Post	160	55.6%	16.3%	20.0%	8.1%	0.13	0.19	-0.87
Health Problem Index	Pre	153	49.7%	25.5%	15.7%	9.2%	0.13	0.22	
Health Problem Index	Post	153	30.7%	45.8%	19.6%	3.9%	0.11	0.15	-0.06
Psychological Problem Index	Pre	164	9.8%	23.2%	46.3%	20.7%	0.30	0.25	
Psychological Problem Index	Post	164	14.0%	36.0%	42.1%	7.9%	0.20	0.20	-0.40
Illegal Activity Index	Pre	159	15.7%	33.3%	25.2%	25.8%	0.29	0.29	
Illegal Activity Index	Post	159	11.9%	68.6%	13.2%	6.3%	0.14	0.18	-0.52
Recovery Environment Risk Index	Pre	165	0.0%	16.4%	75.8%	7.9%	0.26	0.15	
Recovery Environment Risk Index	Post	165	3.0%	55.8%	40.0%	1.2%	0.14	0.11	-0.80
					0/	0/ 11:			
					%	% High			
			0/	0/ 1	B. 4 1 *	150			
HCPC In Page			% none	% Low	Medium	(50-		01 David	
Utilization Indices	D	N	(0%)	(1-13%)	(14-49%)	100%)	Mean	St. Dev.	d
Substance Abuse Treatment Index	Pre	152	<b>(0%)</b> 38.2%	<b>(1-13%)</b> 20.4%	<b>(14-49%)</b> 21.7%	<b>100%)</b> 19.7%	0.24	0.32	
Substance Abuse Treatment Index Substance Abuse Treatment Index	Post	152 152	(0%) 38.2% 61.8%	(1-13%) 20.4% 6.6%	(14-49%) 21.7% 13.8%	100%) 19.7% 17.8%	0.24 0.18	0.32 0.30	d -0.17
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index	Post Pre	152 152 159	(0%) 38.2% 61.8% 56.6%	(1-13%) 20.4% 6.6% 37.1%	21.7% 13.8% 3.1%	100%) 19.7% 17.8% 3.1%	0.24 0.18 0.04	0.32 0.30 0.12	-0.17
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index	Post Pre Post	152 152 159 159	(0%) 38.2% 61.8% 56.6% 64.2%	(1-13%) 20.4% 6.6% 37.1% 34.6%	(14-49%) 21.7% 13.8% 3.1% 1.3%	100%) 19.7% 17.8% 3.1% 0.0%	0.24 0.18 0.04 0.01	0.32 0.30 0.12 0.03	
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index	Post Pre Post Pre	152 152 159 159 156	(0%) 38.2% 61.8% 56.6% 64.2% 78.8%	(1-13%) 20.4% 6.6% 37.1% 34.6% 15.4%	(14-49%) 21.7% 13.8% 3.1% 1.3% 4.5%	100%) 19.7% 17.8% 3.1% 0.0% 1.3%	0.24 0.18 0.04 0.01 0.03	0.32 0.30 0.12 0.03 0.09	-0.17 -0.24
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index	Post Pre Post Pre Post	152 152 159 159 156 156	(0%) 38.2% 61.8% 56.6% 64.2% 78.8% 92.3%	(1-13%) 20.4% 6.6% 37.1% 34.6% 15.4% 7.7%	(14-49%) 21.7% 13.8% 3.1% 1.3% 4.5% 0.0%	100%) 19.7% 17.8% 3.1% 0.0% 1.3% 0.0%	0.24 0.18 0.04 0.01 0.03 0.00	0.32 0.30 0.12 0.03 0.09 0.02	-0.17
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index	Post Pre Post Pre Post Pre	152 152 159 159 156 156	(0%) 38.2% 61.8% 56.6% 64.2% 78.8% 92.3% 79.5%	(1-13%) 20.4% 6.6% 37.1% 34.6% 15.4% 7.7% 8.3%	(14-49%) 21.7% 13.8% 3.1% 1.3% 4.5% 0.0% 1.3%	100%) 19.7% 17.8% 3.1% 0.0% 1.3% 0.0% 10.9%	0.24 0.18 0.04 0.01 0.03 0.00 0.11	0.32 0.30 0.12 0.03 0.09 0.02 0.30	-0.17 -0.24 -0.25
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index	Post Pre Post Pre Post Pre Post	152 152 159 159 156 156 156 156	(0%) 38.2% 61.8% 56.6% 64.2% 78.8% 92.3% 79.5% 82.1%	(1-13%) 20.4% 6.6% 37.1% 34.6% 15.4% 7.7% 8.3% 2.6%	(14-49%) 21.7% 13.8% 3.1% 1.3% 4.5% 0.0% 1.3% 1.9%	100%) 19.7% 17.8% 3.1% 0.0% 1.3% 0.0% 10.9% 13.5%	0.24 0.18 0.04 0.01 0.03 0.00 0.11 0.14	0.32 0.30 0.12 0.03 0.09 0.02 0.30 0.34	-0.17 -0.24
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index Controlled Environment Index	Post Pre Post Pre Post Pre Post Pre	152 152 159 159 156 156 156 156	(0%) 38.2% 61.8% 56.6% 64.2% 78.8% 92.3% 79.5% 82.1% 29.7%	(1-13%) 20.4% 6.6% 37.1% 34.6% 15.4% 7.7% 8.3% 2.6% 27.9%	(14-49%) 21.7% 13.8% 3.1% 1.3% 4.5% 0.0% 1.3% 1.9% 31.5%	100%) 19.7% 17.8% 3.1% 0.0% 1.3% 0.0% 10.9% 13.5% 10.9%	0.24 0.18 0.04 0.01 0.03 0.00 0.11 0.14 0.20	0.32 0.30 0.12 0.03 0.09 0.02 0.30 0.34 0.27	-0.17 -0.24 -0.25 0.10
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index Controlled Environment Index Controlled Environment Index	Post Pre Post Pre Post Pre Post Pre Post Pre Post	152 152 159 159 156 156 156 156 165	(0%) 38.2% 61.8% 56.6% 64.2% 78.8% 92.3% 79.5% 82.1% 29.7% 66.7%	(1-13%) 20.4% 6.6% 37.1% 34.6% 15.4% 7.7% 8.3% 2.6% 27.9% 10.3%	(14-49%) 21.7% 13.8% 3.1% 1.3% 4.5% 0.0% 1.3% 1.9% 31.5% 7.9%	100%) 19.7% 17.8% 3.1% 0.0% 1.3% 0.0% 10.9% 13.5% 10.9% 15.2%	0.24 0.18 0.04 0.01 0.03 0.00 0.11 0.14 0.20 0.16	0.32 0.30 0.12 0.03 0.09 0.02 0.30 0.34 0.27 0.33	-0.17 -0.24 -0.25
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index Controlled Environment Index Controlled Environment Index Employment Activity Index	Post Pre Post Pre Post Pre Post Pre Post Pre Post Pre	152 159 159 156 156 156 156 165 165	(0%) 38.2% 61.8% 56.6% 64.2% 78.8% 92.3% 79.5% 82.1% 29.7% 66.7% 15.1%	20.4% 6.6% 37.1% 34.6% 15.4% 7.7% 8.3% 2.6% 27.9% 10.3% 50.3%	14-49%) 21.7% 13.8% 3.1% 1.3% 4.5% 0.0% 1.3% 1.9% 31.5% 7.9% 15.1%	100%) 19.7% 17.8% 3.1% 0.0% 1.3% 0.0% 10.9% 13.5% 10.9% 15.2% 19.5%	0.24 0.18 0.04 0.01 0.03 0.00 0.11 0.14 0.20 0.16 0.23	0.32 0.30 0.12 0.03 0.09 0.02 0.30 0.34 0.27 0.33 0.27	-0.17 -0.24 -0.25 0.10 -0.15
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index Controlled Environment Index Controlled Environment Index Employment Activity Index Employment Activity Index	Post Pre Post Pre Post Pre Post Pre Post Pre Post Pre Post	152 159 159 156 156 156 156 165 165 159	(0%) 38.2% 61.8% 56.6% 64.2% 78.8% 92.3% 79.5% 82.1% 29.7% 66.7% 15.1% 6.9%	20.4% 6.6% 37.1% 34.6% 15.4% 7.7% 8.3% 2.6% 27.9% 10.3% 50.3% 39.0%	14-49%) 21.7% 13.8% 3.1% 1.3% 4.5% 0.0% 1.3% 1.9% 31.5% 7.9% 15.1% 3.8%	100%) 19.7% 17.8% 3.1% 0.0% 1.3% 0.0% 10.9% 13.5% 10.9% 15.2% 19.5% 50.3%	0.24 0.18 0.04 0.01 0.03 0.00 0.11 0.14 0.20 0.16 0.23 0.41	0.32 0.30 0.12 0.03 0.09 0.02 0.30 0.34 0.27 0.33 0.27 0.36	-0.17 -0.24 -0.25 0.10
Substance Abuse Treatment Index Substance Abuse Treatment Index Physical Health Treatment Index Physical Health Treatment Index Mental Health Treatment Index Mental Health Treatment Index Criminal Justice System Index Criminal Justice System Index Controlled Environment Index Controlled Environment Index Employment Activity Index	Post Pre Post Pre Post Pre Post Pre Post Pre Post Pre	152 159 159 156 156 156 156 165 165	(0%) 38.2% 61.8% 56.6% 64.2% 78.8% 92.3% 79.5% 82.1% 29.7% 66.7% 15.1%	20.4% 6.6% 37.1% 34.6% 15.4% 7.7% 8.3% 2.6% 27.9% 10.3% 50.3%	14-49%) 21.7% 13.8% 3.1% 1.3% 4.5% 0.0% 1.3% 1.9% 31.5% 7.9% 15.1%	100%) 19.7% 17.8% 3.1% 0.0% 1.3% 0.0% 10.9% 13.5% 10.9% 15.2% 19.5%	0.24 0.18 0.04 0.01 0.03 0.00 0.11 0.14 0.20 0.16 0.23	0.32 0.30 0.12 0.03 0.09 0.02 0.30 0.34 0.27 0.33 0.27	-0.17 -0.24 -0.25 0.10 -0.15

B9 Means

### Pre Post Mean Changes by age and level of care

		Д	dolesce	ent	Adult				
			Adol			Adult	Adult	Adult	Adult
		Adol OP	STR	Adol LTR	Adult OP	Meth	STR	TASC	Resid
Indices (Means)		(n=27)	(n=92)	(n=85)	(n=30)	(n=22)	(n=67)	(n=101)	(n=165)
Substance Frequency Index	Pre	11%	21%	24%	4%	37%	32%	10%	35%
Substance Frequency Index	Post	8%	10%	6%	2%	17%	9%	4%	5%
Current Withdrawal Index	Pre	8%	19%	16%	8%	54%	46%	10%	37%
Current Withdrawal Index	Post	10%	8%	6%	5%	22%	18%	9%	13%
Health Problem Index	Pre	13%	16%	12%	7%	16%	18%	9%	13%
Health Problem Index	Post	12%	15%	12%	9%	11%	17%	7%	11%
Psychological Problem Index	Pre	26%	31%	35%	10%	28%	28%	24%	30%
Psychological Problem Index	Post	24%	26%	25%	12%	18%	24%	14%	20%
Illegal Activity Index	Pre	28%	28%	43%	7%	31%	27%	14%	29%
Illegal Activity Index	Post	26%	30%	25%	12%	12%	19%	16%	14%
Recovery Environment Risk Index	Pre	18%	21%	21%	16%	20%	23%	14%	26%
Recovery Environment Risk Index	Post	16%	20%	18%	18%	17%	16%	13%	14%
Substance Abuse Treatment Index	Pre	9%	16%	10%	2%	9%	7%	20%	24%
Substance Abuse Treatment Index	Post	6%	13%	17%	6%	45%	16%	20%	18%
Physical Health Treatment Index	Pre	1%	3%	1%	1%	5%	5%	1%	4%
Physical Health Treatment Index	Post	3%	3%	2%	1%	2%	4%	1%	1%
Mental Health Treatment Index	Pre	2%	5%	2%	0%	1%	3%	2%	3%
Mental Health Treatment Index	Post	1%	3%	2%	0%	0%	0%	0%	0%
Criminal Justice System Index	Pre	35%	40%	73%	11%	18%	4%	65%	11%
Criminal Justice System Index	Post	53%	55%	72%	18%	13%	11%	70%	14%
Controlled Environment Index	Pre	16%	23%	37%	0%	12%	10%	66%	20%
Controlled Environment Index	Post	39%	20%	27%	0%	7%	14%	20%	16%
Employment Activity Index	Pre	29%	19%	12%	42%	12%	29%	8%	23%
Employment Activity Index	Post	35%	34%	30%	56%	36%	41%	53%	41%
Training Activity Index	Pre	49%	41%	47%	4%	4%	5%	8%	6%
Training Activity Index	Post	48%	43%	31%	13%	10%	5%	7%	7%

C1. Comparisons of Pre to Post Treatment Effect Sizes by Initial Level of Care\a

		Adolescen	t	Adult						
	Adol OP	Adol STR	Adol LTR	Adult OP	Adult Meth	Adult STR	Adult TASC	Adult Resid		
Indices (Effect Sizes)	(n=27)	(n=92)	(n=85)	(n=30)	(n=22)	(n=67)	(n=101)	(n=165)		
Substance Frequency Index	-0.18	-0.47	-0.73	-0.22	-1.19	-0.98	-0.24	-1.20		
Current Withdrawal Index	0.13	-0.41	-0.47	-0.24	-1.19	-0.99	-0.04	-0.87		
Health Problem Index	-0.09	-0.03	-0.06	0.20	-0.29	-0.06	-0.19	-0.06		
Psychological Problem Index	-0.10	-0.19	-0.45	0.14	-0.48	-0.20	-0.69	-0.40		
Illegal Activity Index	-0.08	0.05	-0.65	0.73	-0.61	-0.28	0.12	-0.52		
Recovery Environment Risk Index	-0.24	-0.15	-0.32	0.47	-0.28	-0.53	-0.13	-0.80		
Substance Abuse Treatment Index	-0.13	-0.14	0.30	0.47	2.25	0.55	0.01	-0.17		
Physical Health Treatment Index	0.83	-0.08	0.18	-0.06	-0.35	-0.10	0.03	-0.24		
Mental Health Treatment Index	-0.18	-0.22	0.14	0.00	-0.28	-0.34	-0.20	-0.25		
Criminal Justice System Index	0.38	0.33	-0.01	0.23	-0.14	0.38	0.10	0.10		
Controlled Environment Index	0.70	-0.10	-0.25	-0.06	-0.26	0.18	-1.02	-0.15		
Employment Activity Index	0.23	0.63	0.88	0.31	0.86	0.38	4.13	0.69		
Training Activity Index	-0.05	0.06	-0.54	0.73	0.38	-0.03	-0.06	0.07		

\a (Mean Post - Mean Pre)/(Std. Dev. Pre). An effect size of 1 would be the equivalent of 1 standard deviation or 10 points on a t-score.