

Tables for Lynch presentation to OHREC

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Table 1. Patient Characteristics for Medicaid and Commercial subjects ages 19-64 assessed and recommended for substance abuse treatment				
	Medicaid	Commercial	p-value prior to adjustment¹	p-value following adjustment²
N	641	474		
Primary Analysis Variables				
Process measures of treatment				
Treatment initiation	54.76%	61.60%	0.0222	0.1062
Treatment Completion	27.92%	32.19%	0.2386	0.8956
Median Days in Treatment	38	45.5	0.3220	0.8819
Lifetime enrollment (months)				
Median	31	66	<0.0001	<0.0001
Mean (std dev)	58 (71)	88 (87)	<0.0001	
Follow-up enrollment (months)				
Median	11	28	<0.0001	
Mean (std dev)	15.9 (12.8)	23.5 (13.8)	<0.0001	<0.0001
Enrollment status during follow-up				
Left health plan within three years	81.44	57.17	<0.0001	<0.0001
Died during follow-up	0.94	1.69		
Enrolled all three years of follow-up	17.63	41.14		
Medicaid eligibility category				
AFDC/TANF ³	23.9			
Disabled	5.9			
Expansion – working poor	25.9			
Expansion - unemployed	38.1			
Other	6.2			
Variables used in calculating propensity score				
Demographics				
Female	51.64	41.77	0.0011	0.2183
Age (std dev)	34.2 (8.3)	35.4 (8.9)	0.0185	0.8221
Race/ethnicity				
Caucasian only	74.57	82.07	0.0002	0.7716
African-American only	14.51	6.54		
Other/mixed/unknown race	10.92	11.39		
Not high school graduate	33.85	14.77	<0.0001	<0.0001
Married	32.61	51.9	<0.0001	0.5932
Children in household				
1+ children age 11 and under	30.73	31.85	0.6890	0.1552
1+ children age 12 and over	13.42	14.76	0.5202	0.4226

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	Medicaid	Commercial	p-value prior to adjustment¹	p-value following adjustment²
Employed or in school	33.7	80.8	<0.0001	0.0774
Housing			<0.0001	0.9825
Own home	49.61	72.57		
Other private residence	35.88	18.35		
Group home or homeless	14.51	9.07		
Referral source			<0.0001	0.8230
Legal/work/school	41.65	27.43		
Social	3.43	9.92		
Medical	14.98	14.35		
Other	39.94	48.31		
Reason for seeking treatment			0.0579	0.2633
Legal/work/school	40.25	34.81		
Social	46.18	53.38		
Medical	2.96	3.8		
Other	10.61	8.02		
Clinical history				
Forced sex victim	33.23	21.1	<0.0001	0.6807
Domestic violence victim	53.67	40.3	<0.0001	0.0984
Suicide attempt	22.78	14.14	0.0003	0.0368
Arrest history				
Ever arrested	60.37	39.24	0.0001	0.9973
Ever arrested for drunk driving	22.78	21.1	0.5037	0.6672
Prior substance abuse treatment	67.71	52.74	<0.0001	0.7601
Prior treatment for emotional problems	54.76	51.9	0.3439	0.6751
Substance use in past year				
Alcohol	83.78	91.74	<0.0001	0.7810
Amphetamines	39.16	22.78	<0.0001	<i>See note 4.</i>
Cocaine	33.85	22.78	<0.0001	<i>See note 4.</i>
Opiate	10.14	6.54	0.0341	0.2758
Tobacco	82.68	68.35	<0.0001	0.6894
Diagnosis assessment			<0.0001	.5610
Alcohol and drug diagnoses	72.39	62.45		
Alcohol-only diagnosis	15.13	31.43		
Drug-only diagnosis	12.32	6.12		
Treatment recommendations				
Placement			0.6460	0.6819
Outpatient	14.2	15.61		
Intensive Outpatient	76.29	76.16		
Residential or detoxification	9.52	8.23		
Medical Evaluation	5.46	5.49	0.9855	0.5712
Detoxification	1.87	2.74	0.3317	0.5070
Mental health evaluation	0.78	0.84	0.9062	0.8363

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Out of HMO treatment	31.51	21.31	0.0002	0.2085
<p>1. Difference prior to propensity score adjustment. 2. Difference after propensity score adjustment. 3. AFDC = Aid to Families with Dependent Children; TANF = Temporary Assistance for Needy Families</p>				

Table 2. Determinants of Treatment Duration: Hazard Ratios from Cox Proportional Hazards Models¹			
Variable	Lost Eligibility Only	Dropped out of Treatment Only	Lost Eligibility or Dropped Out of Treatment
Medicaid	0.492	1.041	0.966
Lifetime HMO Eligibility	0.997	0.999	0.999
History of suicide attempt	1.389	1.318	1.328*
Education less than high school	0.627	1.216	1.153
1. All models are stratified by propensity score.			
* p<.05			