

Appendix 1. Comparison of employment models with varying definitions of mental health status

<i>Observations</i>	<i>K6 only</i>		<i>NSDUH classification</i>	
	OR	CI	OR	CI
<i>Mental Illness Severity</i>				
None	---	---	---	---
Mild	1.06	.95-1.19	1.00	.91-1.10
Moderate	.91	.81-1.01	1.00	.88-1.12
Serious	.94	.84-1.04	.92	.82-1.03
<i>Age*Mental Illness</i>				
Mild*26-34	.72	.59-.88	.69	.56-.85
Mild*35-49	.70	.57-.87	.73	.60-.88
Mild*50-64	.72	.54-.95	.88	.70-1.11
Moderate*26-34	.62	.47-.80	.81	.61-1.09
Moderate*35-49	.66	.54-.81	.65	.50-.84
Moderate*50-64	.75	.55-1.00	.45	.32-.62
Serious*26-34	.60	.47-.77	.53	.41-.68
Serious*35-49	.43	.34-.54	.48	.39-.59
Serious*50-64	.38	.27-.54	.45	.34-.60
<i>Age</i>				
18-25	---	---	---	---
26-34	1.87	1.70-2.05	1.87	1.70-2.05
35-49	2.19	1.99-2.41	2.17	1.98-2.38

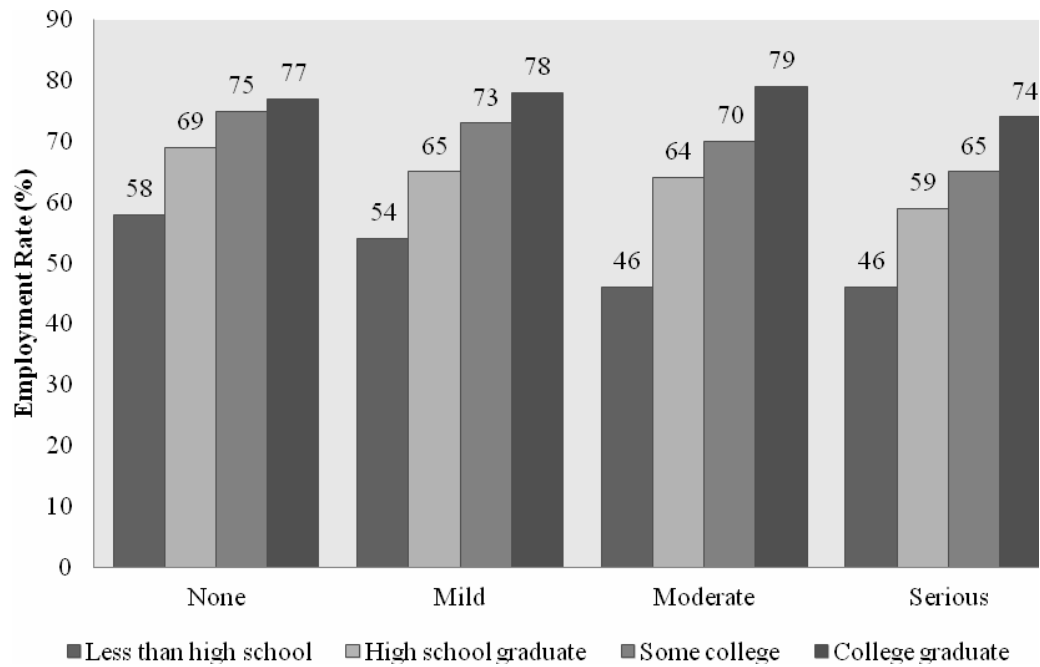
50-64	1.19	1.06-1.35	1.19	1.06-1.33
Race				
White	---	---	---	---
Black	.84	.76-.92	.82	.75-.91
Hispanic	1.02	.91-1.14	1.01	.91-1.12
Other	.85	.73-.98	.83	.72-.96
Education				
Less than high school	---	---	---	---
High school graduate	1.64	1.49-1.81	1.66	1.51-1.83
Some college	2.25	2.05-2.47	2.31	2.11-2.53
College graduate	2.71	2.43-3.02	2.78	2.49-3.11
Sex				
Male	---	---	---	---
Female	.60	.56-.63	.60	.57-.64
Ever Been Married				
No	---	---	---	---
Yes	1.24	1.14-1.34	1.24	1.14-1.35
General Health				
Excellent	---	---	---	---
Very Good	1.05	.97-1.14	1.05	.97-1.14
Good	.82	.76-.89	.82	.75-.89

Fair/Poor	.34	.31-.38	.34	.30-.37
N Children < 18 in Household				
0	---	---	---	---
1	1.16	1.08-1.25	1.16	1.07-1.24
2	1.05	.97-1.14	1.05	.97-1.14
3+	.70	.63-.78	.70	.63-.78
N Times Arrested and Booked in Past Year				
None	---	---	---	---
1	.64	.55-.75	.65	.55-.76
2	.49	.35-.69	.48	.35-.68
3+	.56	.40-.80	.54	.37-.77
County Type				
Large Metro	---	---	---	---
Small Metro	.98	.92-1.04	.98	.91-1.04
Nonmetro	.97	.88-1.06	.96	.88-1.06
Substance Use				
No Substance Use Disorder	---	---	---	---
Abuse Alcohol Only	1.21	1.06-1.39	1.21	1.06-1.38
Alcohol Dependent Only	1.09	.94-1.27	1.09	.93-1.27
Abuse Drugs Only	.88	.68-1.14	.87	.68-1.12
Drug Dependent Only	.78	.63-.96	.76	.62-.93

Abuse or Dependent Alcohol & Drugs	.81	.62-1.06	.80	.62-1.05
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Note: In K6 models, mental illness severity corresponded to the 80th, 90th, 95th percentile cutoffs on the K6 in the sample: 0-6 = no mental illness, 7-9 = mild mental illness, 10-12 = moderate mental illness, and 13+ = serious mental illness. In the NSDUH classification models, mental illness severity corresponded to the NSDUH calibration model developed in 2008 (49, 51).

Appendix 2. Full- or part-time employment rates among adults 18-64 by education within mental health status groups



Note: Presents employment rates adjusted for age, gender, education, marital status, race/ethnicity, substance use disorders, self-reported general health, number of children in household, arrests in last year, and county type. The decrement to employment for workers without a high school degree compared to college graduates did not differ significantly with mental illness severity ($p = .10$) based on an interaction term between mental illness severity and education in a logistic regression model predicting full- or part-time employment.