

Table 1: Risk of inpatient stay for mental illness among a representative sample of American adults (N=37,654), by differing types of substance abuse or dependence after adjusting for sociodemographic characteristics, mental health, and overall health

	Number of adults	Weighted percent	Weighted percent with inpatient stay	Adjusted odds ratio ^a	95% confidence interval
All	37,654	100	.9	---	---
Sex/Race					
White male	11,542	33	.9	---	---
White female	13,153	36	.9	.76	.47-1.24
Black male	1834	5	1.8	1.78	.96-3.32
Black female	2530	6	1.1	.80	.38-1.66
Hispanic male	2668	7	.9	.69	.31-1.58
Hispanic female	2874	6	.9	.87	.31-2.44
Other	3053	6	1.0	1.56	.83-2.92
Age					
18-25	18,287	15	1.1	---	---
26-34	5817	16	1.0	1.06	.69-1.65
35-49	8202	29	1.1	1.22	.79-1.88
50-64	3297	24	.9	1.10	.52-2.31
65 or older	2051	16	.5	1.00	.36-2.82
Education					
Less than high school	6715	16	2.2	---	---
High school	12,211	31	1.1	.74	.47-1.17
Some college	10,856	26	.8	.62	.37-1.06
College graduate	7872	27	.3	.44*	.21-.92
Marital status					
Married	14,265	55	.5	---	---
Widowed	911	6	1.1	2.27	.91-5.70
Divorced or separated	3480	13	2.2	2.28*	1.10-4.69
Never been married	18,998	25	1.3	1.60	.92-2.77
Number of persons in the respondent's household					
One	3489	12	1.4	---	---
Two	10790	34	.8	1.06	.58-1.93
Three	8628	19	1.0	1.09	.61-1.95
Four	7953	19	1.1	1.49	.80-2.77
Five	3966	9	.8	.77	.37-1.61
Six or more	2828	7	.8	.88	.19-3.99
Population density of respondent's location					
1 million or more	15,680	52	.8	---	---
Under 1 million	18,792	42	1.0	1.08	.71-1.63
Not in a Core-Based Statistical Area ^b	3182	7	1.5	1.22	.62-2.39
Number of relocations in the past 12 months					
Zero	14,059	52	.5	---	---
One	8571	22	.8	1.46	.79-2.71
Two	5726	12	1.4	1.71**	.92-3.16
Three	4369	8	2.1	2.26***	1.26-4.05

Four or more	4654	7	3.0	2.68**	1.58-4.52
Ever arrested and booked for breaking the law					
No	30296	83	.7	---	---
Yes	7252	17	2.3	1.60**	1.18-2.19
Impoverished (under the federal poverty threshold)					
No	30,652	88	.7	---	---
Yes	6261	12	2.8	1.64*	1.06-2.53
Health Insurance					
Yes	29,586	85	.9	1.56*	1.01-2.40
No	8068	15	1.1	---	---
Past-year DSM-IV Major Depressive Episode					
No	34,051	92	.6	---	---
Yes	3307	8	5.2	1.62*	1.02-2.58
Past-year anxiety ^c					
No	35,301	95	.7	---	---
Yes	1828	5	5.8	2.35**	1.41-3.90
High Level of Psychological Distress on the K6 ^d					
No	32,035	89	.4	---	---
Yes	5619	11	5.1	4.15***	2.26-7.62
Self-Reported Health					
Excellent	9814	23	.3	---	---
Very good	14,541	36	.4	1.11	.62-1.97
Good	9726	27	1.1	1.98*	1.07-3.66
Fair or poor	3567	14	3.2	3.81***	2.13-6.84
Type of DSM-IV abuse or dependence					
None	32,128	91	.7	---	---
Alcohol only	3713	6.6	1.6	1.14	.70-1.85
Marijuana only	52	1	2.4	.83	.28-2.46
Cocaine only	107	.2	7.7	2.65*	1.09-6.42
Opioid analgesics only	169	.3	15.2	6.85***	3.12-15.07
Alcohol and marijuana only	452	.1	5.6	3.10**	1.62-5.90
Alcohol and cocaine only	133	.5	11.0	2.58*	1.10-6.04
Alcohol and opioid analgesics only	93	.3	5.1	.92	.18-4.80
Alcohol, marijuana, and cocaine only	54	.001	10.1	3.06	.64-14.58
Other	278	.4	9.8	2.36	.58-9.58

^aAdjusted odds ratios for hospitalization control for all of the independent variables (first column of the table).

^bCore-Based Statistical areas are geographic locations defined by the federal government for use in collecting, tabulating, and publishing statistics.

^cRespondents were classified as having anxiety in the past 12 months if a medical doctor or other healthcare professional had told them that they had anxiety

^dRespondents were classified as having serious psychological distress in the past year if they scored higher than 13 (on a scale of 0 to 24) on the K6 (15).
*p<.05 **p<.01 ***p<.001