

Data Supplement for Compton et al., Prevalence and Correlates of Prescription Stimulant Use, Misuse, Use Disorders, and Motivations for Misuse Among Adults in the United States. Am J Psychiatry (doi: 10.1176/appi.ajp.2018.17091048).

TABLE S1. Twelve-Month Prevalence of Prescription Stimulant Use, Use Without Misuse, Misuse, and Use Disorders Among Adults in the U.S., N=102000 ^a

	Any use of prescription stimulant N=102000 ^a		Prescription stimulant use without misuse N=102000 ^a		Prescription stimulant misuse N=102000 ^a		Prescription stimulant use disorders N=102000 ^a	
	wtd estimate	95% CI	wtd estimate	95% CI	wtd estimate	95% CI	wtd estimate	95% CI
Overall								
Population estimate (number in millions)	16.0	15.47-16.53	11.0	10.58-11.45	5.0	4.74-5.26	0.4	0.37-0.51
Percentage estimate (%)	6.6	6.35-6.79	4.5	4.34-4.70	2.1	1.93-2.17	0.2	0.16-0.20

^a SAMHSA requires that any description of overall sample sizes based on the restricted-use data files be rounded to the nearest 100 to minimize potential disclosure risk. Wtd=weighted; CI=confidence interval.

TABLE S2. Frequency Distributions of Prescription Stimulant Misuse in the Past Month Among U.S. Adult Prescription Stimulant Misusers by Sociodemographic Characteristics, Health Conditions, and Behavioral Health Status, N=3500 ^a

Characteristic	0 day, n=2400 ^a		1-2 days, n=600 ^a		3-6 days, n=300 ^a		7+ days, n=200 ^a	
	wtd %	95% CI	wtd %	95% CI	wtd %	95% CI	wtd %	95% CI
Overall	68.3	66.11-70.47	16.4	14.73-18.07	9.1	7.79-10.49	6.2	4.95-7.39
Sociodemographic Characteristics								
Year								
2015+	67.9	64.64-70.91	17.2	14.87-19.87	8.7	6.96-10.69	6.3	4.82-8.12
2016	68.7	65.47-71.73	15.7	13.56-17.98	9.6	7.71-11.88	6.1	4.57-8.03
Age								
18-29	70.6	68.39-72.62	16.2	14.53-18.09	8.8	7.59-10.15	4.4	3.54-5.54
30-49+	64.7	59.91-69.24	17.1	13.97-20.84	8.2	5.88-11.30	10.0	7.24-13.53
≥50	60.0	46.09-72.47	15.3	7.69-28.18	15.9	8.23-28.23	8.8	3.53-20.27
Sex								
Male	70.1	67.35-72.25	16.2	14.17-18.45	7.7	6.18-9.44	6.0	4.65-7.79
Female+	66.0	62.53-69.36	16.7	14.23-19.40	11.0	8.88-13.50	6.3	4.70-8.50
Race/ethnicity								
NH white+	67.1	64.41-69.60	16.3	14.49-18.35	9.9	8.36-11.58	6.8	5.42-8.39
NH black	74.7	65.00-82.41	12.2	7.41-19.38	9.0	4.14-18.52	4.1	1.86-8.87
Hispanic	72.3	66.24-77.57	16.7	12.51-21.84	5.6	3.65-8.62	5.4	3.16-9.22
NH other	71.4	62.98-78.58	19.4	13.32-27.39	7.2	3.63-12.84	2.0	0.72-5.24
Education								
< high school+	54.9	41.85-67.33	27.1	16.53-41.18	7.6	3.96-14.05	10.4	4.01-24.22
High school	65.8	59.00-72.00	16.3	11.58-22.43	10.2	6.88-14.96	7.7	4.66-12.41
Some college	69.8	65.28-73.87	14.9	12.05-18.24	8.1	6.01-10.80	7.3	5.06-10.37
College graduate	69.6	62.89-75.58	19.2	14.32-25.13	8.6	5.26-13.64	2.7	1.35-5.27
Health insurance								
Private only+	68.9	66.23-71.43	17.2	15.25-19.24	9.0	7.42-10.82	5.0	3.85-6.42
Uninsured	68.6	62.55-74.01	13.3	9.53-18.22	10.0	6.96-14.25	8.1	5.17-12.52
Medicaid only	63.4	57.04-69.27	18.7	13.87-24.83	10.8	7.48-15.24	7.1	4.49-11.12
Other	71.2	61.84-79.00	11.2	6.85-17.72	6.3	3.86-10.03	11.4	5.95-20.67
Employment Status								
Full-time+	69.5	66.50-72.33	16.3	14.17-18.78	8.4	6.80-10.23	5.8	4.43-7.60
Part-time	68.1	63.53-72.40	16.8	13.67-20.51	10.1	7.34-13.61	5.0	3.11-7.96
Disabled for work	61.1	43.42-76.32	14.0*	5.52-31.02	10.2*	3.65-25.26	14.8	7.14-28.05
Unemployment	71.7	63.98-78.38	17.9	12.55-24.76	6.8	3.93-11.53	3.6	1.66-7.69
Other	64.0	57.91-69.58	15.8	12.11-20.42	11.6	8.57-15.50	8.6	5.35-13.63
Family Income								
<\$20,000	65.7	61.65-69.46	17.5	14.47-21.01	11.2	8.85-14.15	5.6	3.87-8.08
\$20,000-\$49,999	68.4	64.32-72.21	14.1	11.61-16.98	9.7	7.36-12.75	7.9	5.59-10.75
\$50,000-\$74,999	72.2	66.30-77.37	16.2	12.06-21.32	7.9	5.22-11.72	3.8	2.24-6.33
≥\$75,000+	68.8	64.74-72.50	17.3	14.51-20.63	7.6	5.67-10.15	6.3	4.37-8.92
Marital Status								
Married+	68.3	59.90-75.68	18.7	12.64-26.73	7.9	4.26-14.04	5.2	2.67-9.69
Divorced/separated	56.7	44.71-67.92	12.2	6.05-23.17	15.5	7.63-28.87	15.6	8.05-28.11
Never married	69.5	66.10-72.24	17.1	14.65-19.91	8.1	6.48-10.00	5.3	3.94-7.07
Health Conditions								
Self-rated health								
Excellent+	67.9	63.28-72.23	18.6	15.29-22.39	8.0	5.88-10.86	5.5	3.48-8.55
Very good	70.0	66.74-73.01	15.1	12.83-17.77	9.8	7.87-12.13	5.1	3.78-6.85
Good	70.0	64.47-73.14	16.1	12.89-19.95	7.5	5.63-9.98	7.4	5.11-10.60

Fair/poor	59.2	50.65-67.30	17.8	12.57-24.65	13.3	7.97-21.30	9.7	5.86-15.53
No. PY ER visits								
0+	69.5	66.89-71.94	15.8	13.91-17.84	9.1	7.53-10.87	6.7	4.50-7.16
1	67.5	62.06-72.46	19.6	15.38-24.67	9.4	6.42-13.57	3.5	2.21-5.53
2	64.8	57.23-71.60	17.2	12.78-22.77	8.5	5.62-12.76	9.5	5.58-15.76
≥3	62.1	51.30-71.73	11.7	7.28-18.19	11.3	6.06-20.14	15.0	7.78-26.86
Hypertension								
Yes	67.0	55.87-76.53	12.6	7.06-21.60	12.6	6.43-23.07	7.8	4.17-14.09
No+	68.4	66.13-70.50	16.6	15.01-18.40	8.9	7.67-10.35	6.1	4.94-7.47
Heart Disease								
Yes	47.4	34.89-60.23	29.5	18.25-43.88	12.1	4.41-29.01	11.1	5.08-22.40
No+	69.1	66.90-71.26	15.8	14.26-17.51	9.1	7.83-10.44	6.0	4.88-7.36
Diabetes Mellitus								
Yes	77.2	63.84-86.66	7.4	3.50-14.94	9.8	4.18-21.22	5.6	1.67-17.23
No+	68.0	65.78-70.19	16.6	14.96-18.38	9.2	7.87-10.63	6.2	5.08-7.59
Asthma								
Yes	68.7	62.53-74.35	15.0	11.28-19.57	9.5	6.56-13.58	6.8	4.16-10.19
No+	68.2	65.74-70.53	16.6	14.84-18.51	9.1	7.75-10.70	6.1	4.92-7.54
COPD								
Yes	57.1	42.13-70.88	13.1	5.27-29.00	14.6	6.45-29.86	15.2	7.47-28.40
No+	68.6	66.37-70.79	16.5	14.85-18.22	9.0	7.73-10.45	5.9	4.80-7.27
Mental Health Problems								
Major depressive episode								
Yes	61.4	55.88-66.61	16.6	13.10-20.82	11.7	8.38-15.99	10.4	7.14-14.80
No+	69.9	67.36-72.32	16.4	14.61-18.42	8.4	7.01-9.96	5.3	4.22-6.65
Suicide ideation								
Yes	63.4	57.70-68.71	15.6	12.01-19.96	13.3	9.42-18.32	7.8	5.21-11.51
No+	69.1	66.68-71.47	16.5	14.74-18.52	8.4	7.17-9.90	5.9	4.71-7.35
Substance Use Problems								
Tobacco use & disorder								
PM nicotine dependence	63.2	58.54-67.69	16.1	12.88-19.99	11.7	9.05-14.97	9.0	6.59-12.07
PY tobacco use	68.8	65.73-71.77	18.2	15.93-20.78	8.3	6.86-9.91	4.7	3.54-6.18
Lifetime use, but no PY use	70.6	65.20-75.50	14.8	11.22-19.39	9.0	6.05-13.08	5.6	3.24-9.45
Never tobacco use+	75.1	66.24-82.22	10.2	6.42-15.69	6.8	3.21-13.90	8.0	3.71-16.28
Alcohol use & disorder								
PY alcohol use disorder	63.2	59.22-67.02	19.3	16.40-22.65	10.6	8.42-13.32	6.8	4.97-9.33
PY use, but no use disorder	71.3	68.67-73.80	15.1	13.15-17.27	7.9	6.49-9.49	5.8	4.45-7.39
Lifetime use, but no PY use	61.2	46.59-74.01	14.3	6.74-27.74	16.1	8.09-29.39	*	*
Never alcohol use+	71.6	51.74-85.51	15.4	6.91-30.98	*	*	*	*
Cannabis use & disorder								
PY cannabis use disorder	60.3	54.21-66.12	20.1	15.51-25.55	11.2	8.14-15.25	8.4	5.47-12.70
PY use, but no use disorder	67.9	64.96-70.78	17.5	15.35-19.84	9.5	7.94-11.38	5.1	3.85-6.61
Lifetime use, but no PY use	71.7	66.51-76.36	11.4	8.42-15.33	9.1	6.25-12.94	7.8	5.23-11.57
Never cannabis use+	74.2	65.63-81.19	16.9	11.48-24.28	3.2	1.38-7.10	5.7	2.56-12.33
Cocaine use & disorder								
PY cocaine use disorder	46.4	35.12-58.04	18.4	12.07-27.13	24.3	14.24-38.34	10.9	5.64-19.89
PY use, but no use disorder	57.2	52.66-61.69	24.2	20.60-28.19	11.6	9.10-14.70	7.0	4.87-9.86
Lifetime use, but no PY use	68.5	64.17-72.51	15.5	12.46-19.07	8.7	6.39-11.76	7.3	5.23-10.16
Never cocaine use+	75.7	72.76-78.49	12.8	10.77-15.09	6.8	5.38-8.64	4.7	3.25-6.61

Heroin use & disorder								
PY heroin use or use disorder	56.7	47.97-70.37	10.6	5.89-18.19	15.5	8.21-27.33	14.3	8.39-23.24
Lifetime use, but no PY use	55.9	45.71-65.56	26.6	18.17-37.28	7.7	4.42-13.17	9.8	5.30-17.29
Never heroin use+	69.5	67.25-71.70	15.9	14.31-17.72	9.0	7.63-10.51	5.6	4.47-6.93
Hallucinogen use & disorder								
PY use/use disorder	59.4	55.36-63.32	21.7	18.68-25.09	12.9	10.38-15.97	6.0	4.28-8.24
Lifetime use, but no PY use	69.3	65.67-72.77	15.0	12.37-17.95	7.2	5.53-9.26	8.5	6.50-11.16
Never hallucinogen use+	73.6	69.96-77.00	14.0	11.56-16.86	8.3	6.35-10.86	4.0	2.63-6.14
Inhalant use & disorder								
PY inhalant use/use disorder	55.9	47.15-64.21	23.4	16.25-32.47	9.3	5.52-15.32	11.4	6.48-19.38
Lifetime use, but no PY use	65.1	60.83-69.19	16.5	13.46-20.02	11.52	8.98-14.64	6.9	4.93-9.54
Never inhalant use+	70.6	68.10-73.06	15.8	13.87-17.94	8.1	6.75-9.75	5.4	4.15-7.10
Rx tranquilizer/sedative misuse & use disorder								
PY misuse & use disorder	56.5	52.20-60.63	20.9	17.89-24.19	12.9	10.19-16.21	9.8	7.58-12.50
Lifetime misuse, but no PY misuse	69.7	62.56-76.01	16.5	11.88-22.45	8.5	5.16-13.82	5.3	2.54-10.53
Never misuse+	73.6	70.93-76.13	14.3	12.31-16.53	7.5	6.11-9.11	4.6	3.40-6.27
Rx opioid misuse/use disorder								
PY misuse & use disorder	60.6	56.38-64.58	17.3	14.53-20.45	12.1	9.76-14.92	10.1	7.66-13.1
Lifetime misuse, but no PY misuse	71.7	66.45-76.40	15.3	11.80-19.64	9.0	6.29-12.63	4.0	2.15-7.43
Never misuse+	72.3	69.14-75.30	16.2	13.89-18.80	7.2	5.59-9.17	4.3	3.13-5.89

^a SAMHSA requires that any description of overall sample sizes based on the restricted-use data files be rounded to the nearest 100 to minimize potential disclosure risk. N=overall unweighted sample size; n=unweighted sample size for each column; Wtd=weighted; CI=confidence interval; NH=Non-Hispanic; Each bolded estimate is significantly different ($p < 0.05$) from the corresponding reference group (with + sign) within each column. *: Estimate suppressed due to low statistical precision.