

## Supplementary Online Content

Compton WM, Han B, Hughes A, Jones CM, Blanco C. Use of marijuana for medical purposes among adults in the United States. *JAMA*. doi:10.1001/jama.2016.18900

**eTable.** 12-Month Prevalence of Medical and Nonmedical Marijuana Use Among US Adults by Sociodemographic Characteristics, Health and Substance Use Status, and Related Factors

This supplementary material has been provided by the authors to give readers additional information about their work.

**eTable.** 12-Month Prevalence of Medical and Nonmedical Marijuana Use Among US Adults by Sociodemographic Characteristics, Health and Substance Use Status, and Related Factors

Characteristics	No. of Participants	Weighted 12-Month Prevalence, % (95% CI)		
		Medical Marijuana Use Only (n = 700)	Nonmedical Marijuana Use Only (n = 17 500)	Medical and Nonmedical Marijuana Use (n = 600)
Total	96 100	0.8 (0.72-0.88)	11.6 (11.26-11.84)	0.5 (0.40-0.52)
<b>Sociodemographic Characteristics</b>				
Age, y				
18-29	46 200	<b>1.0 (0.89-1.20)</b>	<b>27.0 (26.33-27.60)</b>	<b>0.9 (0.77-1.01)</b>
30-49	31 600	<b>0.9 (0.80-1.07)</b>	<b>10.9 (10.44-11.38)</b>	<b>0.5 (0.44-0.64)</b>
≥50 <sup>b</sup>	18 300	0.6 (0.47-0.76)	4.5 (4.12-4.93)	0.2 (0.14-0.30)
Sex				
Men	45 000	<b>1.1 (0.94-1.21)</b>	<b>14.6 (14.13-15.05)</b>	<b>0.6 (0.49-0.66)</b>
Women <sup>b</sup>	51 100	0.6 (0.47-0.67)	8.7 (8.41-9.08)	0.4 (0.30-0.44)
Race/ethnicity <sup>c</sup>				
Non-Hispanic white <sup>b</sup>	61 000	0.8 (0.74-0.96)	12.0 (11.59-12.33)	0.5 (0.42-0.57)
Non-Hispanic black	11 300	0.5 (0.36-0.83)	<b>14.1 (13.30-15.02)</b>	<b>0.3 (0.22-0.42)</b>
Hispanic	15 300	0.8 (0.65-1.05)	<b>9.2 (8.61-9.89)</b>	0.5 (0.36-0.66)
Non-Hispanic other	8500	0.9 (0.62-1.21)	<b>8.7 (7.79-9.72)</b>	0.4 (0.27-0.68)
Employment status				
Full-time <sup>b</sup>	49 500	0.6 (0.50-0.68)	12.0 (11.62-12.46)	0.4 (0.34-0.48)
Part-time	17 400	<b>1.0 (0.80-1.34)</b>	<b>16.6 (15.79-17.42)</b>	<b>0.6 (0.46-0.77)</b>
Disabled for work	3900	<b>3.0 (2.39-3.80)</b>	<b>10.4 (9.13-11.82)</b>	<b>1.0 (0.69-1.51)</b>
Unemployed	6900	<b>1.0 (0.74-1.37)</b>	<b>22.3 (20.91-23.78)</b>	<b>0.8 (0.59-1.15)</b>
Health insurance				
Private only <sup>b</sup>	53 500	0.6 (0.47-0.66)	12.2 (11.78-12.58)	0.4 (0.29-0.44)
No insurance coverage	16 300	<b>1.0 (0.84-1.29)</b>	<b>18.4 (17.51-19.25)</b>	<b>0.8 (0.63-0.97)</b>
Medicaid	13 400	<b>2.1 (1.69-2.53)</b>	<b>14.4 (13.60-15.34)</b>	<b>1.0 (0.74-1.22)</b>
Other	13 000	0.6 (0.45-0.80)	<b>4.5 (4.04-4.98)</b>	0.3 (0.18-0.38)
Metropolitan statistical area				
Large	42 600	<b>0.8 (0.73-0.97)</b>	<b>12.1 (11.69-12.54)</b>	0.5 (0.40-0.55)
Small	33 300	<b>0.9 (0.73-1.08)</b>	<b>11.6 (11.09-12.14)</b>	0.5 (0.36-0.57)
Nonmetropolitan <sup>b</sup>	20 200	0.5 (0.40-0.71)	9.6 (8.91-10.24)	0.4 (0.33-0.59)
Region				
Northeast	18 800	<b>0.4 (0.26-0.52)</b>	<b>13.0 (12.33-13.75)</b>	<b>0.4 (0.29-0.53)</b>
Midwest	24 500	<b>0.5 (0.38-0.59)</b>	11.4 (10.84-11.95)	<b>0.3 (0.25-0.42)</b>
South	30 800	<b>0.2 (0.11-0.22)</b>	10.7 (10.21-11.14)	<b>0.3 (0.22-0.35)</b>
West <sup>b</sup>	22 000	2.5 (2.17-2.83)	12.0 (11.31-12.69)	0.9 (0.77-1.13)
<b>Physical Health Status</b>				
Self-rated health				
Excellent	23 300	<b>0.5 (0.42-0.69)</b>	<b>10.9 (10.36-11.52)</b>	<b>0.3 (0.19-0.38)</b>
Very good	37 200	<b>0.5 (0.41-0.61)</b>	<b>12.8 (12.31-13.27)</b>	<b>0.3 (0.28-0.43)</b>
Good	25 700	<b>0.9 (0.78-1.10)</b>	<b>11.7 (11.13-12.20)</b>	<b>0.6 (0.46-0.69)</b>
Fair or poor <sup>b</sup>	9900	1.8 (1.44-2.22)	9.1 (8.43-9.89)	0.9 (0.68-1.10)
Stroke				

Yes	700	1.2 (0.64-2.28)	<b>4.0 (2.29-7.02)</b>	<sup>d</sup>
No <sup>b</sup>	95 400	0.8 (0.72-0.89)	11.7 (11.37-11.97)	0.5 (0.40-0.51)
<b>Mental Health Status</b>				
Diagnosed anxiety disorder				
Yes	7200	<b>2.4 (1.91-3.03)</b>	<b>18.4 (17.12-19.78)</b>	<b>1.7 (1.27-2.14)</b>
No <sup>b</sup>	88 900	0.7 (0.61-0.78)	11.1 (10.77-11.37)	0.4 (0.33-0.43)
Major depressive episode				
Yes	7500	<b>1.7 (1.33-2.25)</b>	<b>19.5 (18.28-20.75)</b>	<b>1.3 (0.97-1.75)</b>
No <sup>b</sup>	87 700	0.7 (0.65-0.82)	11.0 (10.68-11.28)	0.4 (0.35-0.46)
<b>Substance Use and Substance Use Disorder Status</b>				
Heavy alcohol use				
Yes	8400	<b>1.4 (1.04-1.84)</b>	<b>37.7 (36.11-39.21)</b>	<b>1.2 (0.97-1.59)</b>
No <sup>b</sup>	87 700	0.8 (0.68-0.86)	9.7 (9.38-9.95)	0.4 (0.35-0.46)
Cocaine use				
Yes	2500	<b>3.3 (2.32-4.61)</b>	<b>70.1 (67.14-72.94)</b>	<b>3.7 (2.84-4.74)</b>
No <sup>b</sup>	93 600	0.8 (0.68-0.85)	10.5 (10.22-10.79)	0.4 (0.35-0.46)
Heroin use				
Yes	500	<b>2.2 (0.99-4.69)</b>	<b>71.8 (65.47-77.33)</b>	<b>3.9 (2.31-6.48)</b>
No <sup>b</sup>	95 600	0.8 (0.72-0.89)	11.4 (11.07-11.66)	0.5 (0.40-0.51)
Nonmedical use of prescription pain relievers				
Yes	5300	<b>2.2 (1.63-2.82)</b>	<b>47.5 (45.31-49.63)</b>	<b>2.0 (1.53-2.64)</b>
No <sup>b</sup>	90 800	0.8 (0.67-0.84)	10.1 (9.78-10.35)	0.4 (0.35-0.45)
Nonmedical use of prescription stimulants				
Yes	2000	<b>2.1 (1.22-3.49)</b>	<b>65.0 (61.52-68.39)</b>	<b>2.3 (1.60-3.34)</b>
No <sup>a</sup>	94 100	0.8 (0.71-0.88)	10.9 (10.58-11.16)	0.4 (0.39-0.50)
Nicotine dependence				
Yes	13 600	<b>1.9 (1.56-2.24)</b>	<b>24.6 (23.54-25.72)</b>	<b>1.2 (1.01-1.50)</b>
No <sup>b</sup>	82 500	0.7 (0.57-0.74)	9.6 (9.35-9.93)	0.4 (0.30-0.40)
Marijuana use disorders				
Yes	2500	<b>6.1 (4.68-8.02)</b>	<b>88.4 (86.17-90.35)</b>	<b>5.4 (4.23-6.96)</b>
No <sup>b</sup>	93 600	0.7 (0.65-0.81)	10.4 (10.13-10.70)	0.4 (0.34-0.44)
Nonmarijuana illicit drug use disorders				
Yes	1400	1.6 (0.83-2.97)	47.6 (43.51-51.64)	2.1 (1.35-3.11)
No <sup>b</sup>	94 700	0.8 (0.71-0.89)	11.2 (10.87-11.46)	0.4 (0.39-0.50)
Alcohol use disorders				
Yes	8800	<b>1.5 (1.13-1.90)</b>	<b>37.8 (36.31-39.36)</b>	<b>1.3 (1.02-1.63)</b>
No <sup>b</sup>	87 300	0.8 (0.67-0.85)	9.6 (9.33-9.90)	0.4 (0.35-0.46)
<b>Related Factors</b>				
Residing in a medical marijuana state				
Yes	37 800	<b>1.9 (1.65-2.08)</b>	<b>12.6 (12.11-13.18)</b>	<b>0.8 (0.67-0.92)</b>
No <sup>b</sup>	58 300	0.2 (0.13-0.23)	10.9 (10.55-11.26)	0.3 (0.22-0.32)
Perceived state legalization of medical marijuana use				
Yes	25 900	<b>2.5 (2.21-2.79)</b>	<b>15.5 (14.86-16.20)</b>	<b>1.0 (0.88-1.21)</b>
Not sure/unknown	12 400	0.1 (0.04-0.25)	<b>0.5 (4.16-5.10)</b>	<b>0.1 (0.05-0.20)</b>

No <sup>b</sup>	57 800	0.2 (0.15-0.25)	11.4 (11.06-11.80)	0.3 (0.24-0.34)
-----------------	--------	-----------------	--------------------	-----------------

<sup>a</sup>Data was obtained from the 2013-2014 National Surveys on Drug Use and Health (NSDUH). This analysis used SUDAAN software to account for the complex sample design and sampling weights of NSDUH data. SAMHSA requires that any description of overall sample sizes based on the restricted-use data files has to be rounded to the nearest 100 to minimize potential disclosure risk. Bold values indicate that the percentage is significantly different ( $P < .05$ ) from the percentage of the reference group within each table cell.

<sup>b</sup>Reference group.

<sup>c</sup>Race/ethnicity was NSDUH respondent's self-classification of racial and ethnic origin and identification based on the classifications developed by the US Census Bureau. This study assessed race/ethnicity because prior research indicates racial/ethnic differences.

<sup>d</sup>Estimate is not reported due to low precision.