

MASSACHUSETTS

Table 53 Selected Drug Use, Perceptions of Great Risk, Average Annual Marijuana Initiates, Past Year Substance Dependence or Abuse, Needing But Not Receiving Treatment, and Past Year Mental Health Measures in Massachusetts, by Age Group: Estimated Numbers (in Thousands), Annual Averages Based on 2013-2014 NSDUHs

Measure	12+	12-17	18-25	26+	18+
ILLCIT DRUGS					
Past Month Illicit Drug Use ¹	759	47	243	469	712
Past Year Marijuana Use	989	76	334	579	913
Past Month Marijuana Use	674	43	225	406	631
Past Month Use of Illicit Drugs Other Than Marijuana ¹	160	12	48	99	147
Past Year Cocaine Use	134	3	49	82	131
Past Year Nonmedical Pain Reliever Use	201	18	59	123	183
Perception of Great Risk from Smoking Marijuana Once a Month	1,133	98	66	968	1,034
Average Annual Number of Marijuana Initiates ^{2,3}	70	27	37	6	43
ALCOHOL					
Past Month Alcohol Use	3,566	65	549	2,952	3,501
Past Month Binge Alcohol Use ⁴	1,390	34	343	1,012	1,355
Perception of Great Risk from Drinking Five or More Drinks Once or Twice a Week	2,200	177	218	1,805	2,023
Past Month Alcohol Use (Individuals Aged 12 to 20)	241 ⁵	--	--	--	--
Past Month Binge Alcohol Use (Individuals Aged 12 to 20) ⁴	140 ⁵	--	--	--	--
TOBACCO PRODUCTS					
Past Month Tobacco Product Use ⁶	1,233	32	269	931	1,200
Past Month Cigarette Use	1,001	23	215	763	979
Perception of Great Risk from Smoking One or More Packs of Cigarettes per Day	4,190	325	534	3,330	3,865
PAST YEAR DEPENDENCE, ABUSE, AND TREATMENT⁷					
Illicit Drug Dependence ¹	122	9	46	67	113
Illicit Drug Dependence or Abuse ¹	173	18	65	90	156
Alcohol Dependence	160	5	41	114	156
Alcohol Dependence or Abuse	383	15	112	255	368
Alcohol or Illicit Drug Dependence or Abuse ¹	496	25	152	319	471
Needing But Not Receiving Treatment for Illicit Drug Use ^{1,8}	156	17	59	80	139
Needing But Not Receiving Treatment for Alcohol Use ⁸	361	15	107	239	346
PAST YEAR MENTAL HEALTH ISSUES					
Major Depressive Episode ^{3,9}	--	54	82	312	394
Serious Mental Illness ^{3,10}	--	--	38	184	222
Any Mental Illness ^{3,10}	--	--	168	888	1,056
Had Serious Thoughts of Suicide ¹¹	--	--	57	151	208

-- Not available.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach.

¹ Illicit Drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically. Illicit Drugs Other Than Marijuana include cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically. These estimates include data from original methamphetamine questions but do not include new methamphetamine items added in 2005 and 2006.

² Average annual number of marijuana initiates = $X_1 \div 2$, where X_1 is the number of marijuana initiates in the past 24 months.

³ For details, see Section B of the "2011-2012 NSDUH: Guide to State Tables and Summary of Small Area Estimation Methodology" at <http://www.samhsa.gov/data/>.

⁴ Binge Alcohol Use is defined as drinking five or more drinks on the same occasion (i.e., at the same time or within a couple of hours of each other) on at least 1 day in the past 30 days.

⁵ Underage drinking is defined for individuals aged 12 to 20; therefore, the "12+" estimate reflects that age group and not individuals aged 12 or older.

⁶ Tobacco Products include cigarettes, smokeless tobacco (i.e., chewing tobacco or snuff), cigars, or pipe tobacco.

⁷ Dependence or abuse is based on definitions found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*.

⁸ Needing But Not Receiving Treatment refers to respondents classified as needing treatment for illicit drugs (or alcohol), but not receiving treatment for an illicit drug (or alcohol) problem at a specialty facility (i.e., drug and alcohol rehabilitation facilities [inpatient or outpatient], hospitals [inpatient only], or mental health centers).

⁹ Major depressive episode (MDE) is defined as in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*, which specifies a period of at least 2 weeks when an individual experienced a depressed mood or loss of interest or pleasure in daily activities and had a majority of specified depression symptoms. There are minor wording differences in the questions in the adult and adolescent MDE modules. Therefore, data from youths aged 12 to 17 were not combined with data from adults aged 18 or older to produce an estimate for those aged 12 or older.

¹⁰ Mental Illness is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder, assessed by the Mental Health Surveillance Study (MHSS) *Structured Clinical Interview for the Diagnostic and Statistical Manual of Mental Disorders—Fourth Edition—Research Version—Axis I Disorders (MHSS-SCID)*, which is based on the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*. Three categories of mental illness severity are defined based on the level of functional impairment: mild mental illness, moderate mental illness, and serious mental illness (SMI). Any mental illness (AMI) includes individuals in any of the three categories.

¹¹ Respondents were asked, "At any time in the past 12 months, did you seriously think about trying to kill yourself?" If they answered "Yes," they were categorized as having serious thoughts of suicide in the past year.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2013 and 2014.

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Table 54 Selected Drug Use, Perceptions of Great Risk, Average Annual Incidence Estimates of First Use of Marijuana, Past Year Substance Dependence or Abuse, Needing But Not Receiving Treatment, and Past Year Mental Health Measures in Massachusetts, by Age Group: Percentages, Annual Averages Based on 2013-2014 NSDUHs

Measure	12+	12-17	18-25	26+	18+
ILLICIT DRUGS					
Past Month Illicit Drug Use ¹	13.23	9.69	31.09	10.49	13.56
Past Year Marijuana Use	17.23	15.56	42.72	12.95	17.38
Past Month Marijuana Use	11.75	8.88	28.74	9.08	12.01
Past Month Use of Illicit Drugs Other Than Marijuana ¹	2.79	2.55	6.16	2.22	2.81
Past Year Cocaine Use	2.34	0.65	6.27	1.84	2.50
Past Year Nonmedical Pain Reliever Use	3.50	3.77	7.60	2.76	3.48
Perception of Great Risk from Smoking Marijuana Once a Month	19.71	20.10	8.48	21.66	19.67
Average Annual Incidence Estimates of First Use of Marijuana ^{2,3}	2.52	6.52	11.16	0.32	1.82
ALCOHOL					
Past Month Alcohol Use	62.11	13.30	70.15	66.05	66.66
Past Month Binge Alcohol Use ⁴	24.21	7.00	43.85	22.65	25.81
Perception of Great Risk from Drinking Five or More Drinks Once or Twice a Week	38.33	36.26	27.92	40.38	38.52
Past Month Alcohol Use (Individuals Aged 12 to 20)	30.44 ⁵	--	--	--	--
Past Month Binge Alcohol Use (Individuals Aged 12 to 20) ⁴	17.69 ⁵	--	--	--	--
TOBACCO PRODUCTS					
Past Month Tobacco Product Use ⁶	21.47	6.60	34.43	20.83	22.86
Past Month Cigarette Use	17.44	4.62	27.52	17.08	18.63
Perception of Great Risk from Smoking One or More Packs of Cigarettes per Day	72.98	66.45	68.34	74.51	73.59
PAST YEAR DEPENDENCE, ABUSE, AND TREATMENT⁷					
Illicit Drug Dependence ¹	2.13	1.90	5.87	1.50	2.15
Illicit Drug Dependence or Abuse ¹	3.02	3.60	8.34	2.02	2.96
Alcohol Dependence	2.80	0.96	5.29	2.56	2.97
Alcohol Dependence or Abuse	6.66	3.02	14.37	5.71	7.00
Alcohol or Illicit Drug Dependence or Abuse ¹	8.64	5.13	19.43	7.13	8.96
Needing But Not Receiving Treatment for Illicit Drug Use ^{1,8}	2.71	3.43	7.50	1.79	2.64
Needing But Not Receiving Treatment for Alcohol Use ⁸	6.28	2.98	13.68	5.35	6.59
PAST YEAR MENTAL HEALTH ISSUES					
Major Depressive Episode ^{3,9}	--	11.11	10.48	6.98	7.50
Serious Mental Illness ^{3,10}	--	--	4.85	4.12	4.23
Any Mental Illness ^{3,10}	--	--	21.53	19.87	20.11
Had Serious Thoughts of Suicide ¹¹	--	--	7.34	3.37	3.96

-- Not available.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach.

¹ Illicit Drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically. Illicit Drugs Other Than Marijuana include cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically. These estimates include data from original methamphetamine questions but do not include new methamphetamine items added in 2005 and 2006.

² Average annual initiation of marijuana (%) = $100 * \{ [X_1 \div (0.5 * X_1 + X_2)] \div 2 \}$, where X_1 is the number of marijuana initiates in the past 24 months and X_2 is the number of individuals who never used marijuana (with the at-risk population defined as $0.5 * X_1 + X_2$). Both of the computation components, X_1 and X_2 , are based on a survey-weighted hierarchical Bayes estimation approach. The age group shown is based on a respondent's age at the time of the interview, not his or her age at first use.

³ For details, see Section B of the "2011-2012 NSDUH: Guide to State Tables and Summary of Small Area Estimation Methodology" at <http://www.samhsa.gov/data/>.

⁴ Binge Alcohol Use is defined as drinking five or more drinks on the same occasion (i.e., at the same time or within a couple of hours of each other) on at least 1 day in the past 30 days.

⁵ Underage drinking is defined for individuals aged 12 to 20; therefore, the "12+" estimate reflects that age group and not individuals aged 12 or older.

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¹¹ Respondents were asked, "At any time in the past 12 months, did you seriously think about trying to kill yourself?" If they answered "Yes," they were categorized as having serious thoughts of suicide in the past year.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2013 and 2014.