

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 2012-2013 NSDUHs

Measure	12+	12-17	18-25	26+	18+
ILLICIT DRUGS					
Past Month Illicit Drug Use ¹	658	52	223	384	606
Past Year Marijuana Use	885	74	324	487	812
Past Month Marijuana Use	563	44	206	313	519
Past Month Use of Illicit Drugs Other Than Marijuana ¹	173	15	53	105	158
Past Year Cocaine Use	129	4	46	79	126
Past Year Nonmedical Pain Reliever Use	211	20	66	124	191
Perception of Great Risk of Smoking Marijuana Once a Month	1,180	95	66	1,019	1,085
Average Annual Number of Marijuana Initiates ²	72	27	40	5	45
ALCOHOL					
Past Month Alcohol Use	3,682	71	545	3,066	3,611
Past Month Binge Alcohol Use ³	1,470	40	358	1,072	1,430
Perception of Great Risk of Drinking Five or More Drinks Once or Twice a Week	2,089	168	206	1,715	1,921
Past Month Alcohol Use (Individuals Aged 12 to 20)	214 ⁴	--	--	--	--
Past Month Binge Alcohol Use (Individuals Aged 12 to 20) ³	133 ⁴	--	--	--	--
TOBACCO PRODUCTS					
Past Month Tobacco Product Use ⁵	1,300	39	264	998	1,261
Past Month Cigarette Use	1,046	27	214	804	1,018
Perception of Great Risk of Smoking One or More Packs of Cigarettes per Day	4,112	321	526	3,265	3,791
PAST YEAR DEPENDENCE, ABUSE, AND TREATMENT⁶					
Illicit Drug Dependence ¹	121	10	47	64	111
Illicit Drug Dependence or Abuse ¹	161	18	63	79	143
Alcohol Dependence	173	5	48	119	167
Alcohol Dependence or Abuse	404	16	115	272	387
Alcohol or Illicit Drug Dependence or Abuse ¹	507	27	155	325	479
Needing But Not Receiving Treatment for Illicit Drug Use ^{1,7}	141	17	57	67	124
Needing But Not Receiving Treatment for Alcohol Use ⁷	375	16	110	249	360
PAST YEAR MENTAL HEALTH ISSUES					
Had at Least One Major Depressive Episode ^{8,9}	--	42	66	280	346
Serious Mental Illness ^{9,10}	--	--	35	186	221
Any Mental Illness ^{9,10}	--	--	168	836	1,005
Had Serious Thoughts of Suicide	--	--	60	152	212

-- 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 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.

⁴ 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.

⁵ Tobacco Products include cigarettes, smokeless tobacco (i.e., chewing tobacco or snuff), cigars, or pipe tobacco.

⁶ Dependence or abuse is based on definitions found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*.

⁷ 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], and mental health centers).

⁸ 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 a person 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.

⁹ 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/population-data-nsduh/reports?tab=33>.

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.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012 and 2013.

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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 2012-2013 NSDUHs

Measure	12+	12-17	18-25	26+	18+
ILLICIT DRUGS					
Past Month Illicit Drug Use ¹	11.57	10.56	28.71	8.68	11.67
Past Year Marijuana Use	15.57	15.05	41.86	11.02	15.62
Past Month Marijuana Use	9.90	8.90	26.64	7.07	9.99
Past Month Use of Illicit Drugs Other Than Marijuana ¹	3.04	3.09	6.82	2.37	3.04
Past Year Cocaine Use	2.27	0.74	5.99	1.79	2.42
Past Year Nonmedical Pain Reliever Use	3.71	4.14	8.53	2.81	3.67
Perception of Great Risk of Smoking Marijuana Once a Month	20.73	19.30	8.55	23.05	20.86
Average Annual Incidence Estimates of First Use of Marijuana ²	2.57	6.56	11.80	0.29	1.88
ALCOHOL					
Past Month Alcohol Use	64.74	14.49	70.32	69.35	69.50
Past Month Binge Alcohol Use ³	25.85	8.15	46.17	24.25	27.53
Perception of Great Risk of Drinking Five or More Drinks Once or Twice a Week	36.73	34.19	26.52	38.81	36.97
Past Month Alcohol Use (Individuals Aged 12 to 20)	28.73 ⁴	--	--	--	--
Past Month Binge Alcohol Use (Individuals Aged 12 to 20) ³	17.90 ⁴	--	--	--	--
TOBACCO PRODUCTS					
Past Month Tobacco Product Use ⁵	22.86	7.89	34.03	22.57	24.28
Past Month Cigarette Use	18.39	5.57	27.60	18.20	19.60
Perception of Great Risk of Smoking One or More Packs of Cigarettes per Day	72.32	65.42	67.92	73.85	72.97
PAST YEAR DEPENDENCE, ABUSE, AND TREATMENT⁶					
Illicit Drug Dependence ¹	2.14	2.11	6.03	1.46	2.14
Illicit Drug Dependence or Abuse ¹	2.83	3.63	8.18	1.80	2.75
Alcohol Dependence	3.03	1.07	6.17	2.70	3.22
Alcohol Dependence or Abuse	7.10	3.28	14.88	6.16	7.46
Alcohol or Illicit Drug Dependence or Abuse ¹	8.91	5.55	19.96	7.34	9.23
Needing But Not Receiving Treatment for Illicit Drug Use ^{1,7}	2.47	3.41	7.36	1.51	2.38
Needing But Not Receiving Treatment for Alcohol Use ⁷	6.60	3.18	14.21	5.64	6.92
PAST YEAR MENTAL HEALTH ISSUES					
Had at Least One Major Depressive Episode ^{8,9}	--	8.61	8.49	6.34	6.66
Serious Mental Illness ^{9,10}	--	--	4.45	4.21	4.25
Any Mental Illness ^{9,10}	--	--	21.72	18.92	19.34
Had Serious Thoughts of Suicide	--	--	7.71	3.44	4.08

-- 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. Both of the computation components, X_1 and X_2 , are based on a survey-weighted hierarchical Bayes estimation approach. Note that the age group is based on a respondent's age at the time of the interview, not his or her age at first use.

³ 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.

⁴ 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.

⁵ Tobacco Products include cigarettes, smokeless tobacco (i.e., chewing tobacco or snuff), cigars, or pipe tobacco.

⁶ Dependence or abuse is based on definitions found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV).

⁷ 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], and mental health centers).

⁸ 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 a person 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.

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Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2012 and 2013.