

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 2009-2010 NSDUHs

Measure	12+	12-17	18-25	26+	18+
ILLCIT DRUGS					
Past Month Illicit Drug Use ¹	677	61	239	377	615
Past Year Marijuana Use	934	86	339	509	848
Past Month Marijuana Use	564	51	214	299	514
Past Month Use of Illicit Drugs Other Than Marijuana ¹	237	21	86	130	216
Past Year Cocaine Use	166	5	62	99	161
Past Year Nonmedical Pain Reliever Use	283	28	101	155	255
Perception of Great Risk of Smoking Marijuana Once a Month	1,394	101	84	1,209	1,293
Average Annual Number of Marijuana Initiates ²	64	32	29	4	32
ALCOHOL					
Past Month Alcohol Use	3,554	77	569	2,907	3,477
Past Month Binge Alcohol Use ³	1,428	46	372	1,009	1,382
Perception of Great Risk of Drinking Five or More Drinks Once or Twice a Week	2,100	176	212	1,711	1,924
Past Month Alcohol Use (Persons Aged 12 to 20)	233 ⁴	--	--	--	--
Past Month Binge Alcohol Use (Persons Aged 12 to 20) ³	157 ⁴	--	--	--	--
TOBACCO PRODUCTS					
Past Month Tobacco Product Use ⁵	1,355	51	325	979	1,304
Past Month Cigarette Use	1,152	39	278	836	1,113
Perception of Great Risk of Smoking One or More Packs of Cigarettes per Day	4,240	348	524	3,368	3,892
PAST YEAR DEPENDENCE, ABUSE, AND TREATMENT⁶					
Illicit Drug Dependence ¹	133	15	53	66	118
Illicit Drug Dependence or Abuse ¹	185	26	71	88	159
Alcohol Dependence	203	10	60	134	194
Alcohol Dependence or Abuse	464	25	152	286	438
Alcohol or Illicit Drug Dependence or Abuse ¹	600	42	192	367	559
Needing But Not Receiving Treatment for Illicit Drug Use ^{1,7}	163	26	66	71	137
Needing But Not Receiving Treatment for Alcohol Use ⁷	443	25	146	272	419
PAST YEAR MENTAL HEALTH					
Had at Least One Major Depressive Episode ^{8,9}	--	39	66	302	368
Serious Mental Illness ^{9,10}	--	--	62	198	260
Any Mental Illness ^{9,11}	--	--	255	794	1,049
Had Serious Thoughts of Suicide	--	--	48	152	200

-- 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. See Section B.4.8 in Appendix B of the *Results from the 2008 National Survey on Drug Use and Health: National Findings*.

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 persons aged 12 to 20; therefore, the "Total" estimate reflects that age group and not persons 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 persons aged 18 or older to get an overall estimate (12 or older).

⁹ For more details, see Section A.11 in Appendix A of the report on *State Estimates of Substance Use and Mental Disorders from the 2009-2010 NSDUHs*.

¹⁰ Serious mental illness is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a substance use disorder, that met the criteria found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)* and resulted in serious functional impairment in carrying out major life activities.

¹¹ Any mental illness is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a substance use disorder, that met the criteria found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*, regardless of the level of impairment in carrying out major life activities.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2009 and 2010 (Revised March 2012).

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Table 54. Selected Drug Use, Perceptions of Great Risk, Average Annual Rates 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 2009-2010 NSDUHs

Measure	12+	12-17	18-25	26+	18+
ILLCIT DRUGS					
Past Month Illicit Drug Use ¹	12.12	12.42	31.15	8.71	12.09
Past Year Marijuana Use	16.73	17.38	44.29	11.77	16.67
Past Month Marijuana Use	10.11	10.27	27.98	6.92	10.09
Past Month Use of Illicit Drugs Other Than Marijuana ¹	4.24	4.25	11.20	3.00	4.23
Past Year Cocaine Use	2.97	0.99	8.12	2.28	3.16
Past Year Nonmedical Pain Reliever Use	5.07	5.61	13.12	3.58	5.02
Perception of Great Risk of Smoking Marijuana Once a Month	24.96	20.44	11.03	27.95	25.40
Average Annual Rate of First Use of Marijuana ²	2.45	8.02	9.82	0.18	1.45
ALCOHOL					
Past Month Alcohol Use	63.62	15.58	74.33	67.23	68.30
Past Month Binge Alcohol Use ³	25.57	9.40	48.63	23.33	27.14
Perception of Great Risk of Drinking Five or More Drinks Once or Twice a Week	37.59	35.61	27.72	39.57	37.79
Past Month Alcohol Use (Persons Aged 12 to 20)	31.35 ⁴	--	--	--	--
Past Month Binge Alcohol Use (Persons Aged 12 to 20) ³	21.06 ⁴	--	--	--	--
TOBACCO PRODUCTS					
Past Month Tobacco Product Use ⁵	24.27	10.39	42.39	22.65	25.62
Past Month Cigarette Use	20.64	7.88	36.23	19.33	21.87
Perception of Great Risk of Smoking One or More Packs of Cigarettes per Day	75.91	70.34	68.40	77.89	76.46
PAST YEAR DEPENDENCE, ABUSE, AND TREATMENT⁶					
Illicit Drug Dependence ¹	2.38	2.98	6.87	1.52	2.32
Illicit Drug Dependence or Abuse ¹	3.31	5.27	9.24	2.04	3.12
Alcohol Dependence	3.64	1.95	7.82	3.09	3.80
Alcohol Dependence or Abuse	8.30	5.16	19.91	6.60	8.61
Alcohol or Illicit Drug Dependence or Abuse ¹	10.75	8.46	25.05	8.48	10.97
Needing But Not Receiving Treatment for Illicit Drug Use ^{1,7}	2.92	5.24	8.64	1.64	2.70
Needing But Not Receiving Treatment for Alcohol Use ⁷	7.94	4.98	19.07	6.30	8.22
PAST YEAR MENTAL HEALTH					
Had at Least One Major Depressive Episode ^{8,9}	--	7.86	8.68	6.97	7.23
Serious Mental Illness ^{9,10}	--	--	8.05	4.58	5.10
Any Mental Illness ^{9,11}	--	--	33.25	18.37	20.61
Had Serious Thoughts of Suicide	--	--	6.26	3.52	3.94

-- 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. See Section B.4.8 in Appendix B of the *Results from the 2008 National Survey on Drug Use and Health: National Findings*.

² Average annual marijuana initiation rate = $100 * \{ [X_1 \div (0.5 * X_1 + X_2)] \div 2 \}$, where X_1 is the number of marijuana initiates in the past 24 months and X_2 is the number of persons 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 persons aged 12 to 20; therefore, the "Total" estimate reflects that age group and not persons 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 persons aged 18 or older to get an overall estimate (12 or older).

⁹ For more details, see Section A.11 in Appendix A of the report on *State Estimates of Substance Use and Mental Disorders from the 2009-2010 NSDUHs*.

¹⁰ Serious mental illness is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a substance use disorder, that met the criteria found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)* and resulted in serious functional impairment in carrying out major life activities.

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Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2009 and 2010 (Revised March 2012).