

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 2008-2009 NSDUHs

Measure	12+	12-17	18-25	26+	18+
ILLICIT DRUGS					
Past Month Illicit Drug Use ¹	602	55	211	336	547
Past Year Marijuana Use	804	82	305	417	722
Past Month Marijuana Use	480	45	188	247	435
Past Month Use of Illicit Drugs Other Than Marijuana ¹	226	21	75	130	205
Past Year Cocaine Use	135	6	54	74	129
Past Year Nonmedical Pain Reliever Use	293	27	107	159	266
Perception of Great Risk of Smoking Marijuana Once a Month	1,413	122	102	1,190	1,291
Average Annual Number of Marijuana Initiates ²	63	29	30	3	33
ALCOHOL					
Past Month Alcohol Use	3,400	83	549	2,767	3,317
Past Month Binge Alcohol Use ³	1,374	51	355	968	1,323
Perception of Great Risk of Drinking Five or More Drinks Once or Twice a Week	1,953	170	201	1,582	1,782
Past Month Alcohol Use (Persons Aged 12 to 20)	254 ⁴	--	--	--	--
Past Month Binge Alcohol Use (Persons Aged 12 to 20) ³	172 ⁴	--	--	--	--
TOBACCO PRODUCTS					
Past Month Tobacco Product Use ⁵	1,382	52	314	1,015	1,329
Past Month Cigarette Use	1,162	38	262	862	1,124
Perception of Great Risk of Smoking One or More Packs of Cigarettes Per Day	4,034	351	522	3,160	3,683
PAST YEAR DEPENDENCE, ABUSE, AND TREATMENT⁶					
Illicit Drug Dependence ¹	139	13	53	73	125
Illicit Drug Dependence or Abuse ¹	192	22	75	96	170
Alcohol Dependence	200	10	60	130	190
Alcohol Dependence or Abuse	409	24	143	243	386
Alcohol or Illicit Drug Dependence or Abuse ¹	534	37	181	315	496
Needing But Not Receiving Treatment for Illicit Drug Use ^{1,7}	167	21	68	77	146
Needing But Not Receiving Treatment for Alcohol Use ⁷	385	23	140	223	362
PAST YEAR MENTAL HEALTH					
Had at Least One Major Depressive Episode ^{8,9}	--	40	64	275	339
Serious Mental Illness ^{9,10}	--	--	54	157	211
Any Mental Illness ^{9,11}	--	--	254	760	1,014
Had Serious Thoughts of Suicide	--	--	45	150	196

-- 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 are based on data from original questions, excluding those on the use of over-the-counter drugs or new methamphetamine items that were 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 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 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 major depressive episode 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 2008-2009 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.

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)*.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality (formerly the Office of Applied Studies), National Survey on Drug Use and Health, 2008 and 2009.

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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 2008-2009 NSDUHs

Measure	12+	12-17	18-25	26+	18+
ILLICIT DRUGS					
Past Month Illicit Drug Use ¹	10.89	11.00	27.84	7.87	10.88
Past Year Marijuana Use	14.55	16.38	40.19	9.79	14.37
Past Month Marijuana Use	8.70	9.05	24.79	5.80	8.66
Past Month Use of Illicit Drugs Other Than Marijuana ¹	4.09	4.26	9.88	3.04	4.07
Past Year Cocaine Use	2.44	1.17	7.14	1.75	2.56
Past Year Nonmedical Pain Reliever Use	5.31	5.47	14.14	3.72	5.29
Perception of Great Risk of Smoking Marijuana Once a Month	25.60	24.38	13.42	27.90	25.72
Average Annual Rate of First Use of Marijuana ²	2.27	7.12	9.71	0.16	1.42
ALCOHOL					
Past Month Alcohol Use	61.59	16.69	72.45	64.92	66.05
Past Month Binge Alcohol Use ³	24.89	10.28	46.88	22.70	26.34
Perception of Great Risk of Drinking Five or More Drinks Once or Twice a Week	35.38	34.17	26.45	37.11	35.50
Past Month Alcohol Use (Persons Aged 12 to 20)	32.96 ⁴	--	--	--	--
Past Month Binge Alcohol Use (Persons Aged 12 to 20) ³	22.31 ⁴	--	--	--	--
TOBACCO PRODUCTS					
Past Month Tobacco Product Use ⁵	25.02	10.47	41.40	23.82	26.47
Past Month Cigarette Use	21.05	7.56	34.59	20.22	22.39
Perception of Great Risk of Smoking One or More Packs of Cigarettes Per Day	73.07	70.38	68.89	74.13	73.34
PAST YEAR DEPENDENCE, ABUSE, AND TREATMENT⁶					
Illicit Drug Dependence ¹	2.51	2.65	6.96	1.70	2.50
Illicit Drug Dependence or Abuse ¹	3.48	4.42	9.83	2.24	3.39
Alcohol Dependence	3.62	2.04	7.92	3.04	3.78
Alcohol Dependence or Abuse	7.41	4.73	18.81	5.71	7.68
Alcohol or Illicit Drug Dependence or Abuse ¹	9.66	7.49	23.89	7.39	9.88
Needing But Not Receiving Treatment for Illicit Drug Use ^{1,7}	3.02	4.24	9.02	1.81	2.90
Needing But Not Receiving Treatment for Alcohol Use ⁷	6.98	4.57	18.42	5.23	7.22
PAST YEAR MENTAL HEALTH					
Had at Least One Major Depressive Episode ^{8,9}	--	7.99	8.49	6.44	6.75
Serious Mental Illness ^{9,10}	--	--	7.06	3.68	4.19
Any Mental Illness ^{9,11}	--	--	33.49	17.83	20.19
Had Serious Thoughts of Suicide	--	--	5.96	3.53	3.89

-- 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 are based on data from original questions, excluding those on the use of over-the-counter drugs or new methamphetamine items that were 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 = $100 * \{ [X_1 + (0.5 * X_1 + X_2)] \div 2 \}$, 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)*.

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Source: SAMHSA, Center for Behavioral Health Statistics and Quality (formerly the Office of Applied Studies), National Survey on Drug Use and Health, 2008 and 2009.