

MISSOURI

Table 61. 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 Missouri, 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	370	39	121	211	331
Past Year Marijuana Use	473	55	169	249	418
Past Month Marijuana Use	291	28	106	158	264
Past Month Use of Illicit Drugs Other Than Marijuana ¹	153	20	52	82	133
Past Year Cocaine Use	99	5	36	58	94
Past Year Nonmedical Pain Reliever Use	216	29	77	109	186
Perception of Great Risk of Smoking Marijuana Once a Month	1,768	169	136	1,463	1,599
Average Annual Number of Marijuana Initiates ²	46	22	22	2	24
ALCOHOL					
Past Month Alcohol Use	2,446	66	382	1,998	2,380
Past Month Binge Alcohol Use ³	1,187	42	266	878	1,144
Perception of Great Risk of Drinking Five or More Drinks Once or Twice a Week	2,020	193	192	1,635	1,827
Past Month Alcohol Use (Persons Aged 12 to 20)	171 ⁴	--	--	--	--
Past Month Binge Alcohol Use (Persons Aged 12 to 20) ³	119 ⁴	--	--	--	--
TOBACCO PRODUCTS					
Past Month Tobacco Product Use ⁵	1,601	70	296	1,235	1,531
Past Month Cigarette Use	1,291	53	248	991	1,239
Perception of Great Risk of Smoking One or More Packs of Cigarettes Per Day	3,356	325	388	2,644	3,031
PAST YEAR DEPENDENCE, ABUSE, AND TREATMENT⁶					
Illicit Drug Dependence ¹	90	13	35	43	77
Illicit Drug Dependence or Abuse ¹	123	21	46	55	102
Alcohol Dependence	160	9	41	109	150
Alcohol Dependence or Abuse	373	25	110	237	348
Alcohol or Illicit Drug Dependence or Abuse ¹	439	35	133	271	404
Needing But Not Receiving Treatment for Illicit Drug Use ^{1,7}	115	19	43	53	96
Needing But Not Receiving Treatment for Alcohol Use ⁷	347	24	103	221	323
PAST YEAR MENTAL HEALTH					
Had at Least One Major Depressive Episode ^{8,9}	--	44	58	256	314
Serious Mental Illness ^{9,10}	--	--	52	177	229
Any Mental Illness ^{9,11}	--	--	218	703	921
Had Serious Thoughts of Suicide	--	--	39	132	172

-- 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 62. 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 Missouri, 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	7.56	8.05	19.28	5.56	7.50
Past Year Marijuana Use	9.66	11.45	26.98	6.57	9.46
Past Month Marijuana Use	5.94	5.71	16.86	4.18	5.97
Past Month Use of Illicit Drugs Other Than Marijuana ¹	3.12	4.06	8.24	2.16	3.02
Past Year Cocaine Use	2.01	1.01	5.74	1.53	2.12
Past Year Nonmedical Pain Reliever Use	4.40	6.11	12.30	2.89	4.22
Perception of Great Risk of Smoking Marijuana Once a Month	36.12	35.06	21.67	38.63	36.23
Average Annual Rate of First Use of Marijuana ²	1.64	5.12	7.08	0.12	1.02
ALCOHOL					
Past Month Alcohol Use	49.97	13.76	60.99	52.75	53.92
Past Month Binge Alcohol Use ³	24.23	8.80	42.44	23.19	25.92
Perception of Great Risk of Drinking Five or More Drinks Once or Twice a Week	41.27	39.91	30.72	43.18	41.42
Past Month Alcohol Use (Persons Aged 12 to 20)	24.17 ⁴	--	--	--	--
Past Month Binge Alcohol Use (Persons Aged 12 to 20) ³	16.81 ⁴	--	--	--	--
TOBACCO PRODUCTS					
Past Month Tobacco Product Use ⁵	32.70	14.52	47.29	32.61	34.68
Past Month Cigarette Use	26.38	10.92	39.53	26.17	28.06
Perception of Great Risk of Smoking One or More Packs of Cigarettes Per Day	68.56	67.33	61.91	69.81	68.69
PAST YEAR DEPENDENCE, ABUSE, AND TREATMENT⁶					
Illicit Drug Dependence ¹	1.84	2.61	5.52	1.13	1.75
Illicit Drug Dependence or Abuse ¹	2.50	4.37	7.37	1.47	2.30
Alcohol Dependence	3.26	1.90	6.58	2.89	3.41
Alcohol Dependence or Abuse	7.61	5.15	17.60	6.27	7.87
Alcohol or Illicit Drug Dependence or Abuse ¹	8.95	7.27	21.20	7.15	9.14
Needing But Not Receiving Treatment for Illicit Drug Use ^{1,7}	2.34	3.98	6.82	1.39	2.16
Needing But Not Receiving Treatment for Alcohol Use ⁷	7.09	4.98	16.40	5.83	7.32
PAST YEAR MENTAL HEALTH					
Had at Least One Major Depressive Episode ^{8,9}	--	9.03	9.20	6.76	7.11
Serious Mental Illness ^{9,10}	--	--	8.33	4.66	5.18
Any Mental Illness ^{9,11}	--	--	34.80	18.56	20.86
Had Serious Thoughts of Suicide	--	--	6.30	3.49	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).

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*.

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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.