

MIDWEST REGION

Table 5. 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 the Midwest Region, by Age Group: Estimated Numbers (in Thousands), Annual Averages Based on 2008-2009 NSDUHs

Measure	12+	12-17	18-25	26+	18+
ILLCIT DRUGS					
Past Month Illicit Drug Use ¹	4,281	525	1,414	2,343	3,756
Past Year Marijuana Use	5,698	699	2,077	2,922	4,999
Past Month Marijuana Use	3,344	382	1,206	1,755	2,961
Past Month Use of Illicit Drugs Other Than Marijuana ¹	1,804	240	570	994	1,564
Past Year Cocaine Use	1,003	58	372	573	946
Past Year Nonmedical Pain Reliever Use	2,670	368	892	1,410	2,302
Perception of Great Risk of Smoking Marijuana Once a Month	18,858	1,805	1,463	15,590	17,053
Average Annual Number of Marijuana Initiates ²	574	270	277	27	304
ALCOHOL					
Past Month Alcohol Use	29,844	829	4,756	24,260	29,016
Past Month Binge Alcohol Use ³	14,265	515	3,357	10,393	13,750
Perception of Great Risk of Drinking Five or More Drinks Once or Twice a Week	21,358	2,067	2,115	17,176	19,291
Past Month Alcohol Use (Persons Aged 12 to 20)	2,321 ⁴	--	--	--	--
Past Month Binge Alcohol Use (Persons Aged 12 to 20) ³	1,620 ⁴	--	--	--	--
TOBACCO PRODUCTS					
Past Month Tobacco Product Use ⁵	16,827	720	3,387	12,720	16,107
Past Month Cigarette Use	14,132	569	2,918	10,645	13,562
Perception of Great Risk of Smoking One or More Packs of Cigarettes Per Day	37,907	3,634	4,617	29,656	34,273
PAST YEAR DEPENDENCE, ABUSE, AND TREATMENT⁶					
Illicit Drug Dependence ¹	1,000	134	375	492	866
Illicit Drug Dependence or Abuse ¹	1,453	249	532	672	1,204
Alcohol Dependence	1,935	107	549	1,279	1,828
Alcohol Dependence or Abuse	4,317	280	1,331	2,706	4,038
Alcohol or Illicit Drug Dependence or Abuse ¹	5,074	417	1,569	3,088	4,657
Needing But Not Receiving Treatment for Illicit Drug Use ^{1,7}	1,315	229	494	591	1,086
Needing But Not Receiving Treatment for Alcohol Use ⁷	4,052	267	1,263	2,522	3,785
PAST YEAR MENTAL HEALTH					
Had at Least One Major Depressive Episode ^{8,9}	--	456	621	2,714	3,334
Serious Mental Illness ^{9,10}	--	--	575	1,912	2,486
Any Mental Illness ^{9,11}	--	--	2,356	7,586	9,943
Had Serious Thoughts of Suicide	--	--	496	1,544	2,040

-- 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 6. 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 the Midwest Region, 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	7.77	9.62	19.35	5.54	7.57
Past Year Marijuana Use	10.34	12.80	28.43	6.91	10.07
Past Month Marijuana Use	6.07	7.00	16.51	4.15	5.97
Past Month Use of Illicit Drugs Other Than Marijuana ¹	3.27	4.39	7.80	2.35	3.15
Past Year Cocaine Use	1.82	1.05	5.10	1.36	1.91
Past Year Nonmedical Pain Reliever Use	4.85	6.74	12.21	3.33	4.64
Perception of Great Risk of Smoking Marijuana Once a Month	34.25	33.06	20.03	36.86	34.38
Average Annual Rate of First Use of Marijuana ²	1.78	5.56	7.36	0.12	1.11
ALCOHOL					
Past Month Alcohol Use	54.21	15.18	65.09	57.37	58.50
Past Month Binge Alcohol Use ³	25.91	9.43	45.94	24.58	27.72
Perception of Great Risk of Drinking Five or More Drinks Once or Twice a Week	38.79	37.87	28.95	40.61	38.89
Past Month Alcohol Use (Persons Aged 12 to 20)	27.59 ⁴	--	--	--	--
Past Month Binge Alcohol Use (Persons Aged 12 to 20) ³	19.26 ⁴	--	--	--	--
TOBACCO PRODUCTS					
Past Month Tobacco Product Use ⁵	30.56	13.19	46.35	30.07	32.47
Past Month Cigarette Use	25.66	10.43	39.93	25.17	27.34
Perception of Great Risk of Smoking One or More Packs of Cigarettes Per Day	68.84	66.56	63.19	70.11	69.09
PAST YEAR DEPENDENCE, ABUSE, AND TREATMENT⁶					
Illicit Drug Dependence ¹	1.82	2.45	5.13	1.16	1.75
Illicit Drug Dependence or Abuse ¹	2.64	4.56	7.27	1.59	2.43
Alcohol Dependence	3.51	1.97	7.51	3.03	3.69
Alcohol Dependence or Abuse	7.84	5.13	18.22	6.40	8.14
Alcohol or Illicit Drug Dependence or Abuse ¹	9.21	7.63	21.48	7.30	9.39
Needing But Not Receiving Treatment for Illicit Drug Use ^{1,7}	2.39	4.20	6.77	1.40	2.19
Needing But Not Receiving Treatment for Alcohol Use ⁷	7.36	4.90	17.28	5.96	7.63
PAST YEAR MENTAL HEALTH					
Had at Least One Major Depressive Episode ^{8,9}	--	8.35	8.49	6.42	6.72
Serious Mental Illness ^{9,10}	--	--	7.87	4.52	5.01
Any Mental Illness ^{9,11}	--	--	32.25	17.94	20.04
Had Serious Thoughts of Suicide	--	--	6.79	3.65	4.11

-- 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.

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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).

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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.