

MICHIGAN

Table 55 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 Michigan, by Age Group: Estimated Numbers (in Thousands), Annual Averages Based on 2011-2012 NSDUHs

Measure	12+	12-17	18-25	26+	18+
ILLCIT DRUGS					
Past Month Illicit Drug Use ¹	905	95	261	549	810
Past Year Marijuana Use	1,152	122	378	652	1,030
Past Month Marijuana Use	738	72	243	423	666
Past Month Use of Illicit Drugs Other Than Marijuana ¹	301	37	77	187	263
Past Year Cocaine Use	112	6	39	67	106
Past Year Nonmedical Pain Reliever Use	422	54	118	249	367
Perception of Great Risk of Smoking Marijuana Once a Month	2,172	202	148	1,823	1,970
Average Annual Number of Marijuana Initiates ²	97	45	46	6	52
ALCOHOL					
Past Month Alcohol Use	4,463	109	684	3,670	4,355
Past Month Binge Alcohol Use ³	2,056	62	472	1,522	1,994
Perception of Great Risk of Drinking Five or More Drinks Once or Twice a Week	3,294	313	345	2,636	2,982
Past Month Alcohol Use (Persons Aged 12 to 20)	330 ⁴	--	--	--	--
Past Month Binge Alcohol Use (Persons Aged 12 to 20) ³	218 ⁴	--	--	--	--
TOBACCO PRODUCTS					
Past Month Tobacco Product Use ⁵	2,555	88	487	1,981	2,468
Past Month Cigarette Use	2,152	66	405	1,680	2,086
Perception of Great Risk of Smoking One or More Packs of Cigarettes per Day	5,630	529	691	4,409	5,100
PAST YEAR DEPENDENCE, ABUSE, AND TREATMENT⁶					
Illicit Drug Dependence ¹	160	20	57	84	141
Illicit Drug Dependence or Abuse ¹	233	37	74	121	195
Alcohol Dependence	287	12	64	211	275
Alcohol Dependence or Abuse	582	31	153	398	552
Alcohol or Illicit Drug Dependence or Abuse ¹	725	57	191	477	668
Needing But Not Receiving Treatment for Illicit Drug Use ^{1,7}	207	34	69	103	173
Needing But Not Receiving Treatment for Alcohol Use ⁷	561	30	147	384	531
PAST YEAR MENTAL HEALTH					
Had at Least One Major Depressive Episode ^{8,9}	--	82	113	439	552
Serious Mental Illness ^{9,10}	--	--	54	285	339
Any Mental Illness ^{9,11}	--	--	224	1,260	1,484
Had Serious Thoughts of Suicide	--	--	95	236	332

-- 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 "12+" 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 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/NSDUH/2k12State/NSDUHsae2012/Index.aspx>.

¹⁰ Serious mental illness (SMI) is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or 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 (AMI) is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or 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, National Survey on Drug Use and Health, 2011 (SMI and AMI Estimates Revised October 2013) and 2012.

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Table 56 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 Michigan, by Age Group: Percentages, Annual Averages Based on 2011-2012 NSDUHs

Measure	12+	12-17	18-25	26+	18+
ILLCIT DRUGS					
Past Month Illicit Drug Use ¹	10.89	11.67	23.76	8.58	10.81
Past Year Marijuana Use	13.87	15.00	34.41	10.20	13.75
Past Month Marijuana Use	8.89	8.89	22.13	6.61	8.89
Past Month Use of Illicit Drugs Other Than Marijuana ¹	3.62	4.56	6.99	2.92	3.52
Past Year Cocaine Use	1.35	0.79	3.57	1.04	1.41
Past Year Nonmedical Pain Reliever Use	5.08	6.67	10.78	3.90	4.91
Perception of Great Risk of Smoking Marijuana Once a Month	26.13	24.82	13.45	28.51	26.28
Average Annual Rate of First Use of Marijuana ²	2.21	6.46	8.42	0.20	1.40
ALCOHOL					
Past Month Alcohol Use	53.74	13.35	62.30	57.42	58.13
Past Month Binge Alcohol Use ³	24.76	7.67	42.94	23.81	26.62
Perception of Great Risk of Drinking Five or More Drinks Once or Twice a Week	39.66	38.39	31.44	41.24	39.80
Past Month Alcohol Use (Persons Aged 12 to 20)	25.93 ⁴	--	--	--	--
Past Month Binge Alcohol Use (Persons Aged 12 to 20) ³	17.14 ⁴	--	--	--	--
TOBACCO PRODUCTS					
Past Month Tobacco Product Use ⁵	30.77	10.77	44.30	30.99	32.95
Past Month Cigarette Use	25.91	8.14	36.91	26.29	27.85
Perception of Great Risk of Smoking One or More Packs of Cigarettes per Day	67.79	65.01	62.95	68.97	68.08
PAST YEAR DEPENDENCE, ABUSE, AND TREATMENT⁶					
Illicit Drug Dependence ¹	1.93	2.42	5.19	1.31	1.88
Illicit Drug Dependence or Abuse ¹	2.80	4.60	6.74	1.89	2.61
Alcohol Dependence	3.45	1.46	5.82	3.30	3.67
Alcohol Dependence or Abuse	7.01	3.78	13.97	6.23	7.36
Alcohol or Illicit Drug Dependence or Abuse ¹	8.73	7.01	17.36	7.47	8.92
Needing But Not Receiving Treatment for Illicit Drug Use ^{1,7}	2.49	4.21	6.31	1.62	2.31
Needing But Not Receiving Treatment for Alcohol Use ⁷	6.76	3.72	13.41	6.00	7.09
PAST YEAR MENTAL HEALTH					
Had at Least One Major Depressive Episode ^{8,9}	--	10.06	10.27	6.87	7.37
Serious Mental Illness ^{9,10}	--	--	4.90	4.47	4.53
Any Mental Illness ^{9,11}	--	--	20.43	19.70	19.81
Had Serious Thoughts of Suicide	--	--	8.68	3.70	4.43

-- 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 "12+" estimate reflects that age group and not persons aged 12 or older.

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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).

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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/NSDUH/2k12State/NSDUHsae2012/Index.aspx>.

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Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2011 (SMI and AMI Estimates Revised October 2013) and 2012.