

## OHIO

**Table 81 Selected Drug Use, Perceptions of Great Risk, Past Year Substance Use Disorder and Treatment, and Past Year Mental Health Measures in Ohio, by Age Group: Estimated Numbers (in Thousands), Annual Averages Based on 2016-2017 NSDUHs**

Measure	12+	12-17	18-25	26+	18+
<b>ILLICIT DRUGS</b>					
Past Month Illicit Drug Use <sup>1,2</sup>	990	68	279	644	923
Past Year Marijuana Use	1,343	110	419	814	1,233
Past Month Marijuana Use	837	57	258	522	780
Perceptions of Great Risk from Smoking Marijuana Once a Month	2,411	232	128	2,051	2,179
First Use of Marijuana <sup>3,4</sup>	111	43	53	15	68
Past Month Illicit Drug Use Other Than Marijuana <sup>1,2</sup>	309	19	80	210	289
Past Year Cocaine Use	172	5	63	105	168
Perceptions of Great Risk from Using Cocaine Once a Month	7,072	511	789	5,772	6,561
Past Year Heroin Use	44	1	10	33	43
Perceptions of Great Risk from Trying Heroin Once or Twice	8,665	639	1,051	6,975	8,026
Past Year Methamphetamine Use	35	1	10	24	34
Past Year Misuse of Pain Relievers <sup>2</sup>	456	31	97	327	424
<b>ALCOHOL</b>					
Past Month Alcohol Use	4,984	82	713	4,189	4,901
Past Month Binge Alcohol Use <sup>5</sup>	2,425	46	476	1,903	2,379
Perceptions of Great Risk from Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week	4,106	378	417	3,311	3,728
Past Month Alcohol Use <sup>6</sup> (Individuals Aged 12 to 20)	271	--	--	--	--
Past Month Binge Alcohol Use <sup>5,6</sup> (Individuals Aged 12 to 20)	168	--	--	--	--
<b>TOBACCO PRODUCTS</b>					
Past Month Tobacco Product Use <sup>7</sup>	2,806	62	444	2,300	2,745
Past Month Cigarette Use	2,234	42	340	1,851	2,192
Perceptions of Great Risk from Smoking One or More Packs of Cigarettes per Day	6,490	581	772	5,137	5,909
<b>PAST YEAR SUBSTANCE USE DISORDER AND TREATMENT</b>					
Illicit Drug Use Disorder <sup>1,2,8</sup>	290	28	91	171	262
Pain Reliever Use Disorder <sup>2,8</sup>	71	5	15	52	67
Alcohol Use Disorder <sup>8</sup>	546	15	139	392	531
Substance Use Disorder <sup>1,2,8</sup>	749	36	194	519	713
Needing But Not Receiving Treatment for Illicit Drug Use <sup>1,2,9</sup>	247	24	82	140	223
Needing But Not Receiving Treatment for Alcohol Use <sup>9</sup>	509	15	123	371	494
Needing But Not Receiving Treatment for Substance Use <sup>1,2,9</sup>	687	34	179	474	653
<b>PAST YEAR MENTAL HEALTH ISSUES</b>					
Serious Mental Illness <sup>4,10</sup>	--	--	92	346	439
Any Mental Illness <sup>4,10</sup>	--	--	309	1,450	1,759
Received Mental Health Services <sup>11</sup>	--	--	195	1,315	1,510
Had Serious Thoughts of Suicide <sup>12</sup>	--	--	123	281	404
Major Depressive Episode <sup>4,13</sup>	--	129	153	517	670

-- Not available.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach.

NOTE: Estimated numbers appearing as 0 in this table mean that the estimate is greater than 0 but less than 500 because estimated numbers are shown in thousands.

<sup>1</sup> Illicit Drug Use includes the misuse of prescription psychotherapeutics or the use of marijuana, cocaine (including crack), heroin, hallucinogens, inhalants, or methamphetamine. Illicit Drug Use Other Than Marijuana includes the misuse of prescription psychotherapeutics or the use of cocaine (including crack), heroin, hallucinogens, inhalants, or methamphetamine.<sup>2</sup> Misuse of prescription psychotherapeutics is defined as use in any way not directed by a doctor, including use without a prescription of one's own; use in greater amounts, more often, or longer than told; or use in any other way not directed by a doctor. Prescription psychotherapeutics do not include over-the-counter drugs.<sup>3</sup> First Use of Marijuana is defined as follows:  $Average\ annual\ number\ of\ marijuana\ initiates = X_1 \div 2$ , where  $X_1$  is the number of marijuana initiates in the past 24 months.<sup>4</sup> For details, see Section B of the "2016-2017 NSDUH: Guide to State Tables and Summary of Small Area Estimation Methodology" at <https://www.samhsa.gov/data/>.<sup>5</sup> Binge Alcohol Use is defined as drinking five or more drinks (for males) or four or more drinks (for females) 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.<sup>6</sup> Underage drinking is defined for individuals aged 12 to 20; therefore, the "12+" estimate reflects that age group and not individuals aged 12 or older.<sup>7</sup> Tobacco Products include cigarettes, smokeless tobacco (i.e., snuff, dip, chewing tobacco, or "snus"), cigars, or pipe tobacco.<sup>8</sup> Substance Use Disorder is defined as meeting criteria for illicit drug or alcohol dependence or abuse. Dependence or abuse is based on definitions found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV).<sup>9</sup> Respondents were classified as needing substance use treatment if they met the criteria for illicit drug or alcohol use disorder as defined in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV) or received treatment for illicit drug or alcohol use at a specialty facility (i.e., drug and alcohol rehabilitation facility [inpatient or outpatient], hospital [inpatient only], or mental health center). Needing But Not Receiving Substance Use Treatment refers to respondents who are classified as needing illicit drug or alcohol treatment, but who did not receive illicit drug or alcohol treatment at a specialty facility.<sup>10</sup> Mental illness is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder, assessed by the Mental Health Surveillance Study (MHSS) *Structured Clinical Interview for the Diagnostic and Statistical Manual of Mental Disorders—Fourth Edition—Research Version—Axis I Disorders* (MHSS-SCID), which is based on the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV). Any mental illness (AMI) includes adults with any mental disorder regardless of whether their disorder resulted in functional impairment. Serious mental illness (SMI) includes adults with any mental disorder that resulted in serious functional impairment.<sup>11</sup> Mental health services are defined as having received inpatient treatment/counseling or outpatient treatment/counseling or having used prescription medication for problems with emotions, nerves, or mental health. Respondents were not to include treatment for drug or alcohol use.<sup>12</sup> Respondents were asked, "At any time in the past 12 months, did you seriously think about trying to kill yourself?" If they answered "Yes," they were categorized as having serious thoughts of suicide in the past year.<sup>13</sup> Major depressive episode (MDE) is defined as in the 5th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-5), which specifies a period of at least 2 weeks when an individual 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 adults aged 18 or older to produce an estimate for those aged 12 or older.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.

## OHIO

**Table 82 Selected Drug Use, Perceptions of Great Risk, Past Year Substance Use Disorder and Treatment, and Past Year Mental Health Measures in Ohio, by Age Group: Percentages, Annual Averages Based on 2016-2017 NSDUHs**

Measure	12+	12-17	18-25	26+	18+
<b>ILLICIT DRUGS</b>					
Past Month Illicit Drug Use <sup>1,2</sup>	10.15	7.50	22.94	8.43	10.42
Past Year Marijuana Use	13.76	12.17	34.53	10.65	13.92
Past Month Marijuana Use	8.58	6.33	21.27	6.83	8.81
Perceptions of Great Risk from Smoking Marijuana Once a Month	24.68	25.70	10.53	26.83	24.58
First Use of Marijuana <sup>3,4</sup>	2.10	5.37	8.80	0.39	1.51
Past Month Illicit Drug Use Other Than Marijuana <sup>1,2</sup>	3.16	2.14	6.56	2.74	3.27
Past Year Cocaine Use	1.76	0.50	5.17	1.37	1.89
Perceptions of Great Risk from Using Cocaine Once a Month	72.47	56.65	64.96	75.51	74.06
Past Year Heroin Use	0.45	0.07	0.83	0.44	0.49
Perceptions of Great Risk from Trying Heroin Once or Twice	88.80	70.79	86.53	91.25	90.60
Past Year Methamphetamine Use	0.36	0.10	0.83	0.31	0.39
Past Year Misuse of Pain Relievers <sup>2</sup>	4.67	3.49	8.00	4.28	4.79
<b>ALCOHOL</b>					
Past Month Alcohol Use	51.06	9.13	58.68	54.80	55.33
Past Month Binge Alcohol Use <sup>5</sup>	24.85	5.12	39.22	24.89	26.86
Perceptions of Great Risk from Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week	42.07	41.96	34.33	43.32	42.08
Past Month Alcohol Use <sup>6</sup> (Individuals Aged 12 to 20)	20.14	--	--	--	--
Past Month Binge Alcohol Use <sup>5,6</sup> (Individuals Aged 12 to 20)	12.48	--	--	--	--
<b>TOBACCO PRODUCTS</b>					
Past Month Tobacco Product Use <sup>7</sup>	28.75	6.85	36.60	30.09	30.99
Past Month Cigarette Use	22.89	4.71	28.04	24.22	24.74
Perceptions of Great Risk from Smoking One or More Packs of Cigarettes per Day	66.50	64.37	63.59	67.20	66.71
<b>PAST YEAR SUBSTANCE USE DISORDER AND TREATMENT</b>					
Illicit Drug Use Disorder <sup>1,2,8</sup>	2.97	3.10	7.51	2.23	2.96
Pain Reliever Use Disorder <sup>2,8</sup>	0.73	0.51	1.20	0.68	0.75
Alcohol Use Disorder <sup>8</sup>	5.60	1.71	11.41	5.13	5.99
Substance Use Disorder <sup>1,2,8</sup>	7.67	3.99	15.97	6.79	8.05
Needing But Not Receiving Treatment for Illicit Drug Use <sup>1,2,9</sup>	2.53	2.69	6.77	1.84	2.51
Needing But Not Receiving Treatment for Alcohol Use <sup>9</sup>	5.21	1.64	10.15	4.85	5.58
Needing But Not Receiving Treatment for Substance Use <sup>1,2,9</sup>	7.04	3.74	14.76	6.20	7.37
<b>PAST YEAR MENTAL HEALTH ISSUES</b>					
Serious Mental Illness <sup>4,10</sup>	--	--	7.60	4.53	4.95
Any Mental Illness <sup>4,10</sup>	--	--	25.42	18.97	19.85
Received Mental Health Services <sup>11</sup>	--	--	16.05	17.20	17.05
Had Serious Thoughts of Suicide <sup>12</sup>	--	--	10.09	3.68	4.56
Major Depressive Episode <sup>4,13</sup>	--	14.35	12.63	6.76	7.56

-- Not available.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach.

<sup>1</sup> Illicit Drug Use includes the misuse of prescription psychotherapeutics or the use of marijuana, cocaine (including crack), heroin, hallucinogens, inhalants, or methamphetamine. Illicit Drug Use Other Than Marijuana includes the misuse of prescription psychotherapeutics or the use of cocaine (including crack), heroin, hallucinogens, inhalants, or methamphetamine.

<sup>2</sup> Misuse of prescription psychotherapeutics is defined as use in any way not directed by a doctor, including use without a prescription of one's own; use in greater amounts, more often, or longer than told; or use in any other way not directed by a doctor. Prescription psychotherapeutics do not include over-the-counter drugs.

<sup>3</sup> First Use of Marijuana is defined as follows:  $Average\ annual\ initiation\ of\ marijuana\ (\%) = 100 * \{ [X_1 + (0.5 * X_1 + X_2)] \div 2 \}$ , where  $X_1$  is the number of marijuana initiations in the past 24 months and  $X_2$  is the number of individuals who never used marijuana (with the at-risk population defined as  $0.5 * X_1 + X_2$ ). Both of the computation components,  $X_1$  and  $X_2$ , are based on a survey-weighted hierarchical Bayes estimation approach. The age group shown is based on a respondent's age at the time of the interview, not his or her age at first use.

<sup>4</sup> For details, see Section B of the "2016-2017 NSDUH: Guide to State Tables and Summary of Small Area Estimation Methodology" at <https://www.samhsa.gov/data/>.

<sup>5</sup> Binge Alcohol Use is defined as drinking five or more drinks (for males) or four or more drinks (for females) 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.

<sup>6</sup> Underage drinking is defined for individuals aged 12 to 20; therefore, the "12+" estimate reflects that age group and not individuals aged 12 or older.

<sup>7</sup> Tobacco Products include cigarettes, smokeless tobacco (i.e., snuff, dip, chewing tobacco, or "snus"), cigars, or pipe tobacco.

<sup>8</sup> Substance Use Disorder is defined as meeting criteria for illicit drug or alcohol dependence or abuse. Dependence or abuse is based on definitions found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV).

<sup>9</sup> Respondents were classified as needing substance use treatment if they met the criteria for illicit drug or alcohol use disorder as defined in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV) or received treatment for illicit drug or alcohol use at a specialty facility (i.e., drug and alcohol rehabilitation facility [inpatient or outpatient], hospital [inpatient only], or mental health center). Needing But Not Receiving Substance Use Treatment refers to respondents who are classified as needing illicit drug or alcohol treatment, but who did not receive illicit drug or alcohol treatment at a specialty facility.

<sup>10</sup> Mental illness is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder, assessed by the Mental Health Surveillance Study (MHSS) *Structured Clinical Interview for the Diagnostic and Statistical Manual of Mental Disorders—Fourth Edition—Research Version—Axis I Disorders* (MHSS-SCID), which is based on the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV). Any mental illness (AMI) includes adults with any mental disorder regardless of whether their disorder resulted in functional impairment. Serious mental illness (SMI) includes adults with any mental disorder that resulted in serious functional impairment.

<sup>11</sup> Mental health services are defined as having received inpatient treatment/counseling or outpatient treatment/counseling or having used prescription medication for problems with emotions, nerves, or mental health. Respondents were not to include treatment for drug or alcohol use.

<sup>12</sup> Respondents were asked, "At any time in the past 12 months, did you seriously think about trying to kill yourself?" If they answered "Yes," they were categorized as having serious thoughts of suicide in the past year.

<sup>13</sup> Major depressive episode (MDE) is defined as in the 5th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-5), which specifies a period of at least 2 weeks when an individual 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 adults aged 18 or older to produce an estimate for those aged 12 or older.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2016 and 2017.