

PENNSYLVANIA

Table 87 Selected Drug Use, Perceptions of Great Risk, Past Year Substance Use Disorder and Treatment, and Past Year Mental Health Measures in Pennsylvania, by Age Group: Estimated Numbers (in Thousands), Annual Averages Based on 2015-2016 NSDUHs

Measure	12+	12-17	18-25	26+	18+
ILLICIT DRUGS					
Past Month Illicit Drug Use ^{1,2}	1,140	71	309	761	1,069
Past Year Marijuana Use	1,415	101	436	877	1,314
Past Month Marijuana Use	889	58	270	562	831
Perceptions of Great Risk from Smoking Marijuana Once a Month	2,689	248	146	2,295	2,442
First Use of Marijuana ^{3,4}	107	39	53	15	68
Past Month Illicit Drug Use Other Than Marijuana ^{1,2}	390	20	102	267	369
Past Year Cocaine Use	202	5	70	127	197
Perceptions of Great Risk from Using Cocaine Once a Month	7,578	519	855	6,204	7,059
Past Year Heroin Use	47	1	11	35	46
Perceptions of Great Risk from Trying Heroin Once or Twice	9,339	610	1,137	7,592	8,729
Past Year Misuse of Pain Relievers ^{2,5}	475	27	103	345	448
ALCOHOL					
Past Month Alcohol Use	6,050	93	837	5,119	5,957
Past Month Binge Alcohol Use ⁶	3,015	51	600	2,363	2,963
Perceptions of Great Risk from Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week	4,264	394	426	3,443	3,870
Past Month Alcohol Use ⁷ (Individuals Aged 12 to 20)	325	--	--	--	--
Past Month Binge Alcohol Use ^{6,7} (Individuals Aged 12 to 20)	221	--	--	--	--
TOBACCO PRODUCTS					
Past Month Tobacco Product Use ⁸	2,924	59	486	2,378	2,865
Past Month Cigarette Use	2,328	36	377	1,915	2,292
Perceptions of Great Risk from Smoking One or More Packs of Cigarettes per Day	7,615	648	908	6,059	6,967
PAST YEAR SUBSTANCE USE DISORDER AND TREATMENT					
Illicit Drug Use Disorder ^{1,2,9}	288	23	93	172	265
Pain Reliever Use Disorder ^{2,5,9}	77	4	16	57	73
Alcohol Use Disorder ⁹	609	20	161	428	590
Substance Use Disorder ^{1,2,9}	807	33	223	550	774
Needing But Not Receiving Treatment for Illicit Drug Use ^{1,2,10}	261	21	82	158	240
Needing But Not Receiving Treatment for Alcohol Use ¹⁰	594	19	156	419	575
Needing But Not Receiving Treatment for Substance Use ^{1,2,10}	744	32	210	502	712
PAST YEAR MENTAL HEALTH ISSUES					
Serious Mental Illness ^{4,11}	--	--	75	341	416
Any Mental Illness ^{4,11}	--	--	305	1,556	1,861
Received Mental Health Services ¹²	--	--	176	1,446	1,621
Had Serious Thoughts of Suicide ¹³	--	--	122	316	438
Major Depressive Episode ^{4,14}	--	114	148	529	677

-- 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.

¹ 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.² 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.³ 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.⁴ For details, see Section B of the "2015-2016 NSDUH: Guide to State Tables and Summary of Small Area Estimation Methodology" at <https://www.samhsa.gov/data/>.⁵ Prescription psychotherapeutic subtypes were revised in 2016; one effect was the comparability of codeine products between 2015 and 2016.⁶ 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. In 2015, the definition for females changed from five to four drinks.⁷ 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.⁸ Tobacco Products include cigarettes, smokeless tobacco (i.e., snuff, dip, chewing tobacco, or "snus"), cigars, or pipe tobacco.⁹ 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).¹⁰ Respondents were classified as needing treatment for a substance use problem if they met the criteria for a substance 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).¹¹ 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.¹² 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.¹³ 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.¹⁴ 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 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, 2015 and 2016.

PENNSYLVANIA

Table 88 Selected Drug Use, Perceptions of Great Risk, Past Year Substance Use Disorder and Treatment, and Past Year Mental Health Measures in Pennsylvania, by Age Group: Percentages, Annual Averages Based on 2015-2016 NSDUHS

Measure	12+	12-17	18-25	26+	18+
ILLCIT DRUGS					
Past Month Illicit Drug Use ^{1,2}	10.51	7.60	22.97	8.87	10.78
Past Year Marijuana Use	13.05	10.93	32.45	10.24	13.25
Past Month Marijuana Use	8.20	6.25	20.04	6.55	8.38
Perceptions of Great Risk from Smoking Marijuana Once a Month	24.78	26.68	10.88	26.78	24.60
First Use of Marijuana ^{3,4}	1.80	4.56	8.08	0.35	1.35
Past Month Illicit Drug Use Other Than Marijuana ^{1,2}	3.59	2.20	7.61	3.11	3.72
Past Year Cocaine Use	1.87	0.56	5.22	1.48	1.99
Perceptions of Great Risk from Using Cocaine Once a Month	69.88	55.90	63.56	72.37	71.17
Past Year Heroin Use	0.44	0.11	0.84	0.41	0.47
Perceptions of Great Risk from Trying Heroin Once or Twice	86.14	65.75	84.56	88.56	88.02
Past Year Misuse of Pain Relievers ^{2,5}	4.38	2.91	7.65	4.03	4.52
ALCOHOL					
Past Month Alcohol Use	55.78	10.02	62.27	59.72	60.07
Past Month Binge Alcohol Use ⁶	27.80	5.51	44.66	27.56	29.88
Perceptions of Great Risk from Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week	39.32	42.49	31.71	40.17	39.02
Past Month Alcohol Use ⁷ (Individuals Aged 12 to 20)	22.43	--	--	--	--
Past Month Binge Alcohol Use ^{6,7} (Individuals Aged 12 to 20)	15.25	--	--	--	--
TOBACCO PRODUCTS					
Past Month Tobacco Product Use ⁸	26.96	6.36	36.17	27.74	28.89
Past Month Cigarette Use	21.47	3.91	28.06	22.34	23.11
Perceptions of Great Risk from Smoking One or More Packs of Cigarettes per Day	70.22	69.84	67.52	70.68	70.25
PAST YEAR SUBSTANCE USE DISORDER AND TREATMENT					
Illicit Drug Use Disorder ^{1,2,9}	2.65	2.46	6.88	2.01	2.67
Pain Reliever Use Disorder ^{2,5,9}	0.71	0.40	1.20	0.67	0.74
Alcohol Use Disorder ⁹	5.62	2.12	11.99	5.00	5.95
Substance Use Disorder ^{1,2,9}	7.44	3.55	16.61	6.42	7.80
Needing But Not Receiving Treatment for Illicit Drug Use ^{1,2,10}	2.41	2.23	6.09	1.85	2.42
Needing But Not Receiving Treatment for Alcohol Use ¹⁰	5.48	2.03	11.60	4.89	5.80
Needing But Not Receiving Treatment for Substance Use ^{1,2,10}	6.86	3.47	15.63	5.85	7.18
PAST YEAR MENTAL HEALTH ISSUES					
Serious Mental Illness ^{4,11}	--	--	5.57	3.98	4.20
Any Mental Illness ^{4,11}	--	--	22.65	18.16	18.76
Received Mental Health Services ¹²	--	--	13.06	16.86	16.35
Had Serious Thoughts of Suicide ¹³	--	--	9.05	3.69	4.41
Major Depressive Episode ^{4,14}	--	12.33	11.02	6.17	6.83

-- Not available.

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

¹ 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.² 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.³ 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 initiates 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.⁴ For details, see Section B of the "2015-2016 NSDUH: Guide to State Tables and Summary of Small Area Estimation Methodology" at <https://www.samhsa.gov/data/>.⁵ Prescription psychotherapeutic subtypes were revised in 2016; one effect was the comparability of codeine products between 2015 and 2016.⁶ 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. In 2015, the definition for females changed from five to four drinks.⁷ 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.⁸ Tobacco Products include cigarettes, smokeless tobacco (i.e., snuff, dip, chewing tobacco, or "snus"), cigars, or pipe tobacco.⁹ 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).¹⁰ Respondents were classified as needing treatment for a substance use problem if they met the criteria for a substance 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).¹¹ 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.¹² 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.¹³ 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.¹⁴ 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 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.

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