

NORTH CAROLINA

Table 77A Substance Use, Perceptions of Great Risk, and Past Year Mental Health Measures: Among People Aged 12 or Older in North Carolina; by Age Group, Average Estimated Numbers (in Thousands), 2019 and 2020

Measure	12+	12-17	18-25	26+	18+
ILLICIT DRUGS					
Past Month Illicit Drug Use ^{1,2}	1,041	49	249	743	992
Past Year Marijuana Use	1,406	86	364	957	1,321
Past Month Marijuana Use	905	41	241	622	863
Perceptions of Great Risk from Smoking Marijuana Once a Month	2,088	197	121	1,770	1,891
First Use of Marijuana in the Past Year among Those at Risk for Initiation of Marijuana Use ^{3,4}	100	37	44	20	63
Past Month Illicit Drug Use Other Than Marijuana ^{1,2}	274	14	58	202	260
Past Year Cocaine Use	193	1	56	136	192
Perceptions of Great Risk from Using Cocaine Once a Month	6,203	441	673	5,088	5,762
Past Year Heroin Use ⁵	--	--	1	22	23
Perceptions of Great Risk from Trying Heroin Once or Twice	7,474	499	875	6,099	6,974
Past Year Methamphetamine Use	65	1	7	58	64
Past Year Prescription Pain Reliever Misuse ²	308	14	52	241	293
ALCOHOL					
Past Month Alcohol Use	4,354	65	595	3,694	4,289
Past Month Binge Alcohol Use ⁶	1,926	33	376	1,517	1,893
Perceptions of Great Risk from Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week	4,016	379	397	3,241	3,638
Past Month Alcohol Use ⁷ (People Aged 12 to 20)	199	--	--	--	--
Past Month Binge Alcohol Use ^{6,7} (People Aged 12 to 20)	125	--	--	--	--
TOBACCO PRODUCTS					
Past Month Tobacco Product Use ⁸	2,017	28	287	1,702	1,989
Past Month Cigarette Use	1,631	18	182	1,431	1,613
Perceptions of Great Risk from Smoking One or More Packs of Cigarettes per Day	6,010	523	677	4,810	5,487
PAST YEAR MENTAL HEALTH ISSUES					
Any Mental Illness ^{4,9,10}	--	--	313	1,280	1,592
Serious Mental Illness ^{4,9,10}	--	--	96	335	430
Received Mental Health Services ¹¹	--	--	214	1,218	1,431
Major Depressive Episode ^{4,10,12}	--	124	160	470	630
Had Serious Thoughts of Suicide ^{10,13}	--	--	114	232	346
Made Any Suicide Plans ^{10,14}	--	--	45	62	106
Attempted Suicide ^{10,14}	--	--	20	20	40

-- = not available.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach. For confidence intervals, see Tables 1 to 33 in "2019-2020 NSDUHs: Model-Based Estimated Totals (in Thousands) (50 States and the District of Columbia)" at <https://www.samhsa.gov/data/>.

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. Illicit Drugs Other Than Marijuana excludes respondents who used only marijuana but includes those who used marijuana in addition to other illicit drugs.² Prescription pain relievers are a type of prescription psychotherapeutic. 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 in the past year among those at risk for initiation = $X_1 \div 2$, where X_1 is the number of marijuana initiates in the past 24 months.⁴ For details, see Section B of the "2019-2020 NSDUH: Guide to State Tables and Summary of Small Area Estimation Methodology" at <https://www.samhsa.gov/data/>.⁵ Estimates for youths aged 12 to 17 are not available for past year heroin use because no respondents aged 12 to 17 used heroin in the past year in the 2019 or 2020 NSDUHs. As a result, estimates for people aged 12 or older are also not produced.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.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 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. These estimates are based on indicators of AMI and SMI rather than direct measures of diagnostic status.¹⁰ A subset of 2020 respondents who did not complete the questionnaire were excluded, and the analysis weights were adjusted for the reduced sample size.¹¹ Mental Health Services for adults includes inpatient treatment/counseling, outpatient treatment/counseling, or use of prescription medication for problems with emotions, nerves, or mental health.¹² 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.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 Respondents were asked whether they made any suicide plans or attempted suicide in the past 12 months only if they had serious thoughts of suicide in the past 12 months. Respondents who had no suicide thoughts were categorized as not making any suicide plans and not attempting suicide in the past 12 months.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2019 and Quarters 1 and 4, 2020.

NORTH CAROLINA

Table 77B Past Year Substance Use Disorder and Treatment: Among People Aged 12 or Older in North Carolina; by Age Group, Estimated Numbers (in Thousands), 2020

Measure	12+	12-17	18-25	26+	18+
PAST YEAR SUBSTANCE USE DISORDER AND TREATMENT¹					
Illicit Drug Use Disorder ^{2,3}	569	34	169	365	535
Prescription Pain Reliever Use Disorder ³	63	1	8	54	62
Alcohol Use Disorder	777	15	175	587	762
Substance Use Disorder ^{2,3}	1,133	41	272	820	1,092
Needing But Not Receiving Treatment at a Specialty Facility for Illicit Drug Use ^{2,3,4}	531	26	162	344	505
Needing But Not Receiving Treatment at a Specialty Facility for Alcohol Use ⁴	737	16	151	570	721
Needing But Not Receiving Treatment at a Specialty Facility for Substance Use ^{2,3,4}	1,087	36	263	788	1,051

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach. For confidence intervals, see Tables 1 to 33 in "2019-2020 NSDUHs: Model-Based Estimated Totals (in Thousands) (50 States and the District of Columbia)" at <https://www.samhsa.gov/data/>.

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 Substance Use Disorder (SUD) data in 2020 are based on criteria from the *Diagnostic and Statistical Manual of Mental Disorders*, 5th edition (DSM-5). SUD is defined as meeting the criteria for illicit drug or alcohol use disorder. SUD and related estimates are based on only 2020 data because prior years' SUD data were based on DSM-IV criteria.

² Illicit Drug Use includes the misuse of prescription psychotherapeutics or the use of marijuana, cocaine (including crack), heroin, hallucinogens, inhalants, or methamphetamine.

³ Prescription pain relievers are a type of prescription psychotherapeutic. 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.

⁴ Respondents were classified as needing substance use treatment if they met the *Diagnostic and Statistical Manual of Mental Disorders*, 5th edition (DSM-5), criteria for an illicit drug or alcohol use disorder 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 use treatment, but who did not receive illicit drug or alcohol use treatment at a specialty facility.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, Quarters 1 and 4, 2020.

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Table 78A Substance Use, Perceptions of Great Risk, and Past Year Mental Health Measures: Among People Aged 12 or Older in North Carolina; by Age Group, Average Percentages, 2019 and 2020

Measure	12+	12-17	18-25	26+	18+
ILLCIT DRUGS					
Past Month Illicit Drug Use ^{1,2}	11.77	6.09	23.21	10.66	12.34
Past Year Marijuana Use	15.91	10.70	33.97	13.73	16.43
Past Month Marijuana Use	10.23	5.15	22.50	8.93	10.74
Perceptions of Great Risk from Smoking Marijuana Once a Month	23.61	24.69	11.26	25.39	23.50
First Use of Marijuana in the Past Year among Those at Risk for Initiation of Marijuana Use ^{3,4}	2.18	5.24	8.27	0.58	1.64
Past Month Illicit Drug Use Other Than Marijuana ^{1,2}	3.10	1.78	5.43	2.89	3.23
Past Year Cocaine Use	2.18	0.11	5.22	1.95	2.39
Perceptions of Great Risk from Using Cocaine Once a Month	70.17	55.24	62.79	73.00	71.64
Past Year Heroin Use ⁵	--	--	0.12	0.32	0.29
Perceptions of Great Risk from Trying Heroin Once or Twice	84.56	62.52	81.60	87.51	86.72
Past Year Methamphetamine Use	0.74	0.12	0.63	0.83	0.80
Past Year Prescription Pain Reliever Misuse ²	3.48	1.77	4.85	3.46	3.65
ALCOHOL					
Past Month Alcohol Use	49.25	8.09	55.45	53.00	53.33
Past Month Binge Alcohol Use ⁶	21.78	4.13	35.05	21.76	23.53
Perceptions of Great Risk from Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week	45.43	47.39	37.03	46.50	45.23
Past Month Alcohol Use ⁷ (People Aged 12 to 20)	16.76	--	--	--	--
Past Month Binge Alcohol Use ^{6,7} (People Aged 12 to 20)	10.52	--	--	--	--
TOBACCO PRODUCTS					
Past Month Tobacco Product Use ⁸	22.81	3.48	26.80	24.41	24.73
Past Month Cigarette Use	18.45	2.29	16.93	20.53	20.05
Perceptions of Great Risk from Smoking One or More Packs of Cigarettes per Day	67.98	65.43	63.16	69.00	68.23
PAST YEAR MENTAL HEALTH ISSUES					
Any Mental Illness ^{4,9,10}	--	--	29.16	18.36	19.80
Serious Mental Illness ^{4,9,10}	--	--	8.93	4.80	5.35
Received Mental Health Services ¹¹	--	--	19.92	17.47	17.80
Major Depressive Episode ^{4,10,12}	--	15.56	14.95	6.74	7.83
Had Serious Thoughts of Suicide ^{10,13}	--	--	10.64	3.33	4.30
Made Any Suicide Plans ^{10,14}	--	--	4.16	0.89	1.32
Attempted Suicide ^{10,14}	--	--	1.88	0.28	0.50

-- = not available.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach. For confidence intervals, see Tables 1 to 33 in "2019-2020 NSDUHs: Model-Based Prevalence

Estimates (50 States and the District of Columbia)" at <https://www.samhsa.gov/data/>.

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³ First use of marijuana in the past year among those at risk for initiation (%) = $100 * \{ [X_1 \div (0.5 * X_1 + X_2)] \div 2 \}$, where X_1 is the number of marijuana initiates in the past 24 months and X_2 is the number of 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 "2019-2020 NSDUH: Guide to State Tables and Summary of Small Area Estimation Methodology" at <https://www.samhsa.gov/data/>.

⁵ Estimates for youths aged 12 to 17 are not available for past year heroin use because no respondents aged 12 to 17 used heroin in the past year in the 2019 or 2020 NSDUHs. As a result, estimates for people aged 12 or older are also not produced.

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⁸ Tobacco Products include cigarettes, smokeless tobacco (i.e., snuff, dip, chewing tobacco, or snus), cigars, or pipe tobacco.

⁹ 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. These estimates are based on indicators of AMI and SMI rather than direct measures of diagnostic status.

¹⁰ A subset of 2020 respondents who did not complete the questionnaire were excluded, and the analysis weights were adjusted for the reduced sample size.

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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 Respondents were asked whether they made any suicide plans or attempted suicide in the past 12 months only if they had serious thoughts of suicide in the past 12 months. Respondents who had no suicide thoughts were categorized as not making any suicide plans and not attempting suicide in the past 12 months.

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PAST YEAR SUBSTANCE USE DISORDER AND TREATMENT¹					
Illicit Drug Use Disorder ^{2,3}	6.39	4.23	15.76	5.20	6.60
Prescription Pain Reliever Use Disorder ³	0.71	0.16	0.71	0.77	0.77
Alcohol Use Disorder	8.73	1.88	16.32	8.35	9.41
Substance Use Disorder ^{2,3}	12.73	5.13	25.32	11.67	13.48
Needing But Not Receiving Treatment at a Specialty Facility for Illicit Drug Use ^{2,3,4}	5.97	3.19	15.05	4.89	6.24
Needing But Not Receiving Treatment at a Specialty Facility for Alcohol Use ⁴	8.28	1.98	14.07	8.12	8.91
Needing But Not Receiving Treatment at a Specialty Facility for Substance Use ^{2,3,4}	12.22	4.54	24.45	11.22	12.97

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach. For confidence intervals, see Tables 1 to 33 in “2019-2020 NSDUHs: Model-Based Prevalence Estimates (50 States and the District of Columbia)” at <https://www.samhsa.gov/data/>.

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