

States Categorized into Five Groups from Lowest to Highest Estimate, by Age Group: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs						
Table	Age Group	Quintile 1	Quintile 2	Quintile 3	Quintile 4	Quintile 5
Table 1: Illicit Drug Use in the Past Month	12 to 17	6.10 - 6.73	6.74 - 7.49	7.50 - 8.20	8.21 - 10.15	10.16 - 11.81
	18 to 25	16.18 - 19.11	19.12 - 20.93	20.94 - 25.04	25.05 - 27.92	27.93 - 40.32
	26 or Older	6.09 - 6.67	6.68 - 7.74	7.75 - 9.34	9.35 - 11.93	11.94 - 19.60
	18 or Older	7.81 - 8.66	8.67 - 9.51	9.52 - 11.09	11.10 - 14.68	14.69 - 21.74
	12 or Older	7.64 - 8.45	8.46 - 9.27	9.28 - 10.77	10.78 - 14.28	14.29 - 20.91
Table 2: Marijuana Use in the Past Year	12 to 17	9.20 - 10.39	10.40 - 11.75	11.76 - 13.30	13.31 - 14.97	14.98 - 17.88
	18 to 25	23.74 - 28.74	28.75 - 30.13	30.14 - 35.26	35.27 - 40.51	40.52 - 53.20
	26 or Older	7.64 - 8.82	8.83 - 10.34	10.35 - 11.26	11.27 - 15.15	15.16 - 24.36
	18 or Older	10.58 - 11.92	11.93 - 12.78	12.79 - 14.14	14.15 - 18.90	18.91 - 27.38
	12 or Older	10.40 - 11.78	11.79 - 12.70	12.71 - 13.85	13.86 - 18.62	18.63 - 26.51
Table 3: Marijuana Use in the Past Month	12 to 17	4.71 - 5.39	5.40 - 5.81	5.82 - 6.75	6.76 - 8.80	8.81 - 10.75
	18 to 25	14.50 - 16.80	16.81 - 18.76	18.77 - 22.39	22.40 - 26.27	26.28 - 38.80
	26 or Older	4.59 - 5.28	5.29 - 6.40	6.41 - 7.21	7.22 - 10.86	10.87 - 18.07
	18 or Older	6.11 - 7.10	7.11 - 7.95	7.96 - 9.01	9.02 - 13.28	13.29 - 20.04
	12 or Older	5.98 - 6.96	6.97 - 7.77	7.78 - 8.81	8.82 - 12.90	12.91 - 19.23
Table 4: Perceptions of Great Risk from Smoking Marijuana Once a Month	12 to 17	16.21 - 20.76	20.77 - 23.81	23.82 - 26.41	26.42 - 27.75	27.76 - 36.57
	18 to 25	6.83 - 9.81	9.82 - 11.67	11.68 - 12.66	12.67 - 14.32	14.33 - 21.42
	26 or Older	16.82 - 21.37	21.38 - 26.16	26.17 - 28.49	28.50 - 31.63	31.64 - 38.44
	18 or Older	15.32 - 19.54	19.55 - 23.99	24.00 - 26.28	26.29 - 29.22	29.23 - 35.36
	12 or Older	15.46 - 19.61	19.62 - 24.15	24.16 - 25.97	25.98 - 29.08	29.09 - 35.07
Table 5: First Use of Marijuana	12 to 17	3.19 - 4.47	4.48 - 4.84	4.85 - 5.67	5.68 - 6.37	6.38 - 7.89
	18 to 25	5.56 - 6.74	6.75 - 7.63	7.64 - 8.80	8.81 - 10.12	10.13 - 15.56
	26 or Older	0.27 - 0.36	0.37 - 0.41	0.42 - 0.50	0.51 - 0.70	0.71 - 1.36
	18 or Older	1.05 - 1.24	1.25 - 1.42	1.43 - 1.56	1.57 - 1.99	2.00 - 3.54
	12 or Older	1.52 - 1.70	1.71 - 1.88	1.89 - 2.15	2.16 - 2.78	2.79 - 3.99
Table 6: Illicit Drug Use Other Than Marijuana in the Past Month	12 to 17	1.89 - 2.24	2.25 - 2.33	2.34 - 2.54	2.55 - 2.71	2.72 - 3.38
	18 to 25	5.15 - 6.12	6.13 - 6.61	6.62 - 7.23	7.24 - 8.18	8.19 - 14.55
	26 or Older	2.21 - 2.50	2.51 - 2.72	2.73 - 2.99	3.00 - 3.22	3.23 - 4.68
	18 or Older	2.69 - 3.04	3.05 - 3.27	3.28 - 3.56	3.57 - 3.87	3.88 - 5.48
	12 or Older	2.67 - 2.97	2.98 - 3.19	3.20 - 3.46	3.47 - 3.73	3.74 - 5.36
Table 7: Cocaine Use in the Past Year	12 to 17	0.22 - 0.43	0.44 - 0.50	0.51 - 0.60	0.61 - 0.70	0.71 - 1.01
	18 to 25	2.90 - 4.53	4.54 - 5.17	5.18 - 5.81	5.82 - 6.52	6.53 - 12.24
	26 or Older	0.82 - 1.19	1.20 - 1.34	1.35 - 1.51	1.52 - 1.95	1.96 - 4.10
	18 or Older	1.20 - 1.70	1.71 - 1.89	1.90 - 2.09	2.10 - 2.50	2.51 - 4.57
	12 or Older	1.14 - 1.59	1.60 - 1.74	1.75 - 1.95	1.96 - 2.33	2.34 - 4.34

States Categorized into Five Groups from Lowest to Highest Estimate, by Age Group: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs						
Table	Age Group	Quintile 1	Quintile 2	Quintile 3	Quintile 4	Quintile 5
Table 8: Perceptions of Great Risk from Using Cocaine Once a Month	12 to 17	50.67 - 53.65	53.66 - 54.96	54.97 - 56.01	56.02 - 57.66	57.67 - 61.39
	18 to 25	52.19 - 59.13	59.14 - 61.95	61.96 - 64.61	64.62 - 67.40	67.41 - 73.37
	26 or Older	61.78 - 70.15	70.16 - 73.34	73.35 - 74.88	74.89 - 77.78	77.79 - 83.23
	18 or Older	60.36 - 68.51	68.52 - 72.07	72.08 - 73.10	73.11 - 76.52	76.53 - 81.76
	12 or Older	60.19 - 67.52	67.53 - 70.25	70.26 - 71.77	71.78 - 74.58	74.59 - 79.47
Table 9: Heroin Use in the Past Year	12 to 17 ¹	--	--	--	--	--
	18 to 25	0.30 - 0.48	0.49 - 0.58	0.59 - 0.71	0.72 - 0.99	1.00 - 1.56
	26 or Older	0.17 - 0.23	0.24 - 0.29	0.30 - 0.38	0.39 - 0.44	0.45 - 0.82
	18 or Older	0.20 - 0.27	0.28 - 0.33	0.34 - 0.41	0.42 - 0.50	0.51 - 0.92
	12 or Older	0.19 - 0.25	0.26 - 0.31	0.32 - 0.37	0.38 - 0.46	0.47 - 0.84
Table 10: Perceptions of Great Risk from Trying Heroin Once or Twice	12 to 17	60.23 - 63.59	63.60 - 64.65	64.66 - 66.16	66.17 - 67.27	67.28 - 70.97
	18 to 25	77.33 - 80.44	80.45 - 81.51	81.52 - 83.18	83.19 - 84.35	84.36 - 86.53
	26 or Older	83.72 - 86.85	86.86 - 87.84	87.85 - 89.28	89.29 - 90.22	90.23 - 92.58
	18 or Older	82.89 - 85.86	85.87 - 86.95	86.96 - 88.45	88.46 - 89.27	89.28 - 91.67
	12 or Older	81.07 - 83.91	83.92 - 85.06	85.07 - 86.57	86.58 - 87.19	87.20 - 89.63
Table 11: Methamphetamine Use in the Past Year	12 to 17	0.07 - 0.12	0.13 - 0.15	0.16 - 0.20	0.21 - 0.24	0.25 - 0.35
	18 to 25	0.11 - 0.59	0.60 - 0.96	0.97 - 1.21	1.22 - 1.58	1.59 - 2.25
	26 or Older	0.20 - 0.35	0.36 - 0.50	0.51 - 0.68	0.69 - 0.83	0.84 - 1.12
	18 or Older	0.21 - 0.40	0.41 - 0.58	0.59 - 0.78	0.79 - 0.90	0.91 - 1.28
	12 or Older	0.20 - 0.37	0.38 - 0.54	0.55 - 0.73	0.74 - 0.85	0.86 - 1.19
Table 12: Pain Reliever Misuse in the Past Year	12 to 17	2.46 - 2.89	2.90 - 3.23	3.24 - 3.45	3.46 - 3.66	3.67 - 4.31
	18 to 25	6.08 - 6.86	6.87 - 7.18	7.19 - 7.44	7.45 - 8.02	8.03 - 8.82
	26 or Older	2.99 - 3.47	3.48 - 3.78	3.79 - 3.94	3.95 - 4.18	4.19 - 5.05
	18 or Older	3.38 - 3.98	3.99 - 4.29	4.30 - 4.37	4.38 - 4.69	4.70 - 5.51
	12 or Older	3.32 - 3.90	3.91 - 4.19	4.20 - 4.30	4.31 - 4.58	4.59 - 5.35
Table 13: Alcohol Use in the Past Month	12 to 17	5.77 - 8.81	8.82 - 9.62	9.63 - 10.10	10.11 - 10.80	10.81 - 13.62
	18 to 25	36.17 - 50.71	50.72 - 55.13	55.14 - 59.83	59.84 - 64.44	64.45 - 70.91
	26 or Older	31.76 - 48.05	48.06 - 54.80	54.81 - 58.29	58.30 - 63.52	63.53 - 70.17
	18 or Older	32.54 - 48.72	48.73 - 54.68	54.69 - 58.82	58.83 - 63.60	63.61 - 70.08
	12 or Older	29.25 - 44.79	44.80 - 50.40	50.41 - 54.53	54.54 - 58.49	58.50 - 66.79
Table 14: Binge Alcohol Use in the Past Month	12 to 17	3.52 - 4.62	4.63 - 5.08	5.09 - 5.48	5.49 - 5.95	5.96 - 7.54
	18 to 25	25.76 - 33.01	33.02 - 35.75	35.76 - 39.68	39.69 - 44.81	44.82 - 53.01
	26 or Older	15.93 - 21.91	21.92 - 23.66	23.67 - 25.12	25.13 - 27.87	27.88 - 36.07
	18 or Older	18.00 - 23.39	23.40 - 25.44	25.45 - 26.86	26.87 - 30.47	30.48 - 38.83
	12 or Older	16.22 - 21.70	21.71 - 23.52	23.53 - 25.00	25.01 - 28.30	28.31 - 37.01

States Categorized into Five Groups from Lowest to Highest Estimate, by Age Group: Percentages, Annual Averages Based on 2016 and 2017 NSDUHS						
Table	Age Group	Quintile 1	Quintile 2	Quintile 3	Quintile 4	Quintile 5
Table 15: Perceptions of Great Risk from Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week	12 to 17	35.40 - 37.80	37.81 - 41.23	41.24 - 43.24	43.25 - 45.51	45.52 - 53.04
	18 to 25	27.03 - 30.77	30.78 - 33.91	33.92 - 36.12	36.13 - 39.93	39.94 - 44.43
	26 or Older	36.01 - 40.31	40.32 - 43.38	43.39 - 44.89	44.90 - 47.23	47.24 - 50.91
	18 or Older	35.08 - 39.24	39.25 - 42.08	42.09 - 43.50	43.51 - 46.26	46.27 - 49.49
	12 or Older	35.26 - 39.15	39.16 - 42.07	42.08 - 43.48	43.49 - 46.21	46.22 - 49.32
Table 16a: Underage Alcohol Use in the Past Month	12 to 20	12.11 - 17.08	17.09 - 19.12	19.13 - 20.72	20.73 - 23.23	23.24 - 31.78
Table 16b: Underage Binge Alcohol Use in the Past Month	12 to 20	7.74 - 10.42	10.43 - 11.35	11.36 - 13.11	13.12 - 15.01	15.02 - 22.14
Table 17: Tobacco Product Use in the Past Month	12 to 17	3.41 - 4.14	4.15 - 5.06	5.07 - 5.99	6.00 - 7.27	7.28 - 9.61
	18 to 25	20.35 - 27.99	28.00 - 31.33	31.34 - 33.90	33.91 - 35.28	35.29 - 43.82
	26 or Older	16.10 - 21.36	21.37 - 23.57	23.58 - 27.05	27.06 - 28.71	28.72 - 39.97
	18 or Older	16.87 - 22.45	22.46 - 24.67	24.68 - 28.26	28.27 - 29.08	29.09 - 40.46
	12 or Older	15.24 - 20.78	20.79 - 22.77	22.78 - 26.34	26.35 - 27.11	27.12 - 37.92
Table 18: Cigarette Use in the Past Month	12 to 17	1.78 - 2.66	2.67 - 3.40	3.41 - 4.35	4.36 - 4.86	4.87 - 6.48
	18 to 25	17.04 - 21.96	21.97 - 23.78	23.79 - 25.55	25.56 - 27.56	27.57 - 33.51
	26 or Older	13.45 - 17.38	17.39 - 19.13	19.14 - 21.06	21.07 - 23.40	23.41 - 31.81
	18 or Older	14.49 - 18.09	18.10 - 19.92	19.93 - 21.79	21.80 - 23.56	23.57 - 32.03
	12 or Older	13.34 - 16.68	16.69 - 18.36	18.37 - 20.23	20.24 - 21.85	21.86 - 29.93
Table 19: Perceptions of Great Risk from Smoking One or More Packs of Cigarettes per Day	12 to 17	61.00 - 63.29	63.30 - 64.80	64.81 - 67.77	67.78 - 70.42	70.43 - 74.79
	18 to 25	59.84 - 63.01	63.02 - 64.12	64.13 - 65.93	65.94 - 68.82	68.83 - 73.17
	26 or Older	65.78 - 69.08	69.09 - 70.31	70.32 - 72.57	72.58 - 74.51	74.52 - 78.73
	18 or Older	65.04 - 68.22	68.23 - 69.57	69.58 - 71.83	71.84 - 73.81	73.82 - 77.40
	12 or Older	64.98 - 67.68	67.69 - 68.99	69.00 - 71.37	71.38 - 73.50	73.51 - 77.11
Table 20: Illicit Drug Use Disorder in the Past Year	12 to 17	2.42 - 2.71	2.72 - 2.92	2.93 - 3.13	3.14 - 3.68	3.69 - 4.55
	18 to 25	5.65 - 6.22	6.23 - 6.94	6.95 - 7.38	7.39 - 8.10	8.11 - 11.17
	26 or Older	1.48 - 1.82	1.83 - 1.99	2.00 - 2.13	2.14 - 2.36	2.37 - 3.08
	18 or Older	2.11 - 2.47	2.48 - 2.69	2.70 - 2.87	2.88 - 3.22	3.23 - 3.94
	12 or Older	2.17 - 2.52	2.53 - 2.72	2.73 - 2.86	2.87 - 3.22	3.23 - 3.93
Table 21: Pain Reliever Use Disorder in the Past Year	12 to 17	0.39 - 0.45	0.46 - 0.47	0.48 - 0.50	0.51 - 0.53	0.54 - 0.61
	18 to 25	0.56 - 0.81	0.82 - 0.92	0.93 - 1.02	1.03 - 1.23	1.24 - 1.39
	26 or Older	0.44 - 0.58	0.59 - 0.62	0.63 - 0.67	0.68 - 0.70	0.71 - 0.78
	18 or Older	0.46 - 0.62	0.63 - 0.67	0.68 - 0.71	0.72 - 0.77	0.78 - 0.86
	12 or Older	0.47 - 0.60	0.61 - 0.65	0.66 - 0.69	0.70 - 0.74	0.75 - 0.82
Table 22: Alcohol Use Disorder in the Past Year	12 to 17	1.25 - 1.60	1.61 - 1.85	1.86 - 2.15	2.16 - 2.29	2.30 - 3.72
	18 to 25	7.34 - 9.42	9.43 - 10.39	10.40 - 11.26	11.27 - 12.49	12.50 - 16.03
	26 or Older	4.02 - 4.52	4.53 - 5.05	5.06 - 5.65	5.66 - 6.03	6.04 - 8.67
	18 or Older	4.69 - 5.29	5.30 - 5.84	5.85 - 6.33	6.34 - 6.97	6.98 - 9.48
	12 or Older	4.38 - 4.94	4.95 - 5.49	5.50 - 5.90	5.91 - 6.55	6.56 - 9.08

States Categorized into Five Groups from Lowest to Highest Estimate, by Age Group: Percentages, Annual Averages Based on 2016 and 2017 NSDUHS						
Table	Age Group	Quintile 1	Quintile 2	Quintile 3	Quintile 4	Quintile 5
Table 23: Substance Use Disorder in the Past Year	12 to 17	3.18 - 3.65	3.66 - 4.05	4.06 - 4.39	4.40 - 5.14	5.15 - 6.54
	18 to 25	11.59 - 13.72	13.73 - 14.61	14.62 - 16.03	16.04 - 17.23	17.24 - 22.65
	26 or Older	5.14 - 5.99	6.00 - 6.52	6.53 - 7.04	7.05 - 7.50	7.51 - 10.05
	18 or Older	6.32 - 7.03	7.04 - 7.78	7.79 - 8.22	8.23 - 8.89	8.90 - 11.55
	12 or Older	6.00 - 6.77	6.78 - 7.44	7.45 - 7.98	7.99 - 8.53	8.54 - 11.21
Table 24: Needing But Not Receiving Treatment at a Specialty Facility for Illicit Drug Use in the Past Year	12 to 17	2.14 - 2.48	2.49 - 2.68	2.69 - 2.90	2.91 - 3.39	3.40 - 4.25
	18 to 25	5.02 - 5.52	5.53 - 6.39	6.40 - 6.93	6.94 - 7.46	7.47 - 10.33
	26 or Older	1.20 - 1.49	1.50 - 1.65	1.66 - 1.74	1.75 - 2.06	2.07 - 2.67
	18 or Older	1.80 - 2.13	2.14 - 2.28	2.29 - 2.47	2.48 - 2.78	2.79 - 3.51
	12 or Older	1.85 - 2.18	2.19 - 2.32	2.33 - 2.48	2.49 - 2.82	2.83 - 3.50
Table 25: Needing But Not Receiving Treatment at a Specialty Facility for Alcohol Use in the Past Year	12 to 17	1.27 - 1.59	1.60 - 1.75	1.76 - 1.99	2.00 - 2.10	2.11 - 3.27
	18 to 25	7.20 - 8.94	8.95 - 9.84	9.85 - 10.88	10.89 - 12.01	12.02 - 14.44
	26 or Older	3.84 - 4.37	4.38 - 4.69	4.70 - 5.19	5.20 - 5.95	5.96 - 7.56
	18 or Older	4.36 - 5.03	5.04 - 5.49	5.50 - 5.92	5.93 - 6.84	6.85 - 8.55
	12 or Older	4.06 - 4.72	4.73 - 5.16	5.17 - 5.55	5.56 - 6.36	6.37 - 8.19
Table 26: Needing But Not Receiving Treatment at a Specialty Facility for Substance Use in the Past Year	12 to 17	2.90 - 3.42	3.43 - 3.80	3.81 - 4.25	4.26 - 4.64	4.65 - 5.71
	18 to 25	11.04 - 13.12	13.13 - 13.67	13.68 - 14.96	14.97 - 16.50	16.51 - 21.49
	26 or Older	4.79 - 5.30	5.31 - 5.87	5.88 - 6.42	6.43 - 6.93	6.94 - 9.26
	18 or Older	5.82 - 6.41	6.42 - 7.12	7.13 - 7.61	7.62 - 8.25	8.26 - 10.67
	12 or Older	5.59 - 6.12	6.13 - 6.81	6.82 - 7.22	7.23 - 7.96	7.97 - 10.37
Table 27: Serious Mental Illness in the Past Year	18 to 25	5.47 - 6.27	6.28 - 6.64	6.65 - 7.33	7.34 - 7.70	7.71 - 9.51
	26 or Older	3.04 - 3.75	3.76 - 4.09	4.10 - 4.43	4.44 - 4.72	4.73 - 5.47
	18 or Older	3.49 - 4.14	4.15 - 4.44	4.45 - 4.80	4.81 - 5.19	5.20 - 6.18
Table 28: Any Mental Illness in the Past Year	18 to 25	19.67 - 22.82	22.83 - 23.89	23.90 - 24.79	24.80 - 26.55	26.56 - 30.05
	26 or Older	15.36 - 16.68	16.69 - 17.53	17.54 - 18.67	18.68 - 19.59	19.60 - 24.57
	18 or Older	16.19 - 17.88	17.89 - 18.54	18.55 - 19.59	19.60 - 20.32	20.33 - 25.03
Table 29: Received Mental Health Services in the Past Year	18 to 25	10.15 - 12.09	12.10 - 14.44	14.45 - 15.78	15.79 - 17.22	17.23 - 23.04
	26 or Older	10.51 - 13.50	13.51 - 15.07	15.08 - 16.34	16.35 - 17.43	17.44 - 21.09
	18 or Older	10.67 - 13.28	13.29 - 14.92	14.93 - 16.39	16.40 - 17.53	17.54 - 21.38
Table 30: Had Serious Thoughts of Suicide in the Past Year	18 to 25	8.07 - 9.21	9.22 - 9.38	9.39 - 10.07	10.08 - 10.59	10.60 - 13.26
	26 or Older	2.56 - 3.11	3.12 - 3.31	3.32 - 3.64	3.65 - 3.90	3.91 - 4.78
	18 or Older	3.41 - 4.01	4.02 - 4.11	4.12 - 4.57	4.58 - 4.87	4.88 - 5.99

States Categorized into Five Groups from Lowest to Highest Estimate, by Age Group: Percentages, Annual Averages Based on 2016 and 2017 NSDUHs

Table	Age Group	Quintile 1	Quintile 2	Quintile 3	Quintile 4	Quintile 5
Table 31: Major Depressive Episode in the Past Year	12 to 17	10.49 - 11.97	11.98 - 13.01	13.02 - 13.77	13.78 - 14.10	14.11 - 16.34
	18 to 25	8.80 - 10.70	10.71 - 11.87	11.88 - 12.79	12.80 - 13.90	13.91 - 15.31
	26 or Older	4.91 - 5.80	5.81 - 6.15	6.16 - 6.51	6.52 - 7.04	7.05 - 7.91
	18 or Older	5.67 - 6.64	6.65 - 6.97	6.98 - 7.50	7.51 - 7.89	7.90 - 9.06

-- Not available.

NOTE: This table shows the boundaries used to create the maps shown in the document named "2016-2017 NSDUH National Maps of Prevalence Estimates, by State" at <https://www.samhsa.gov/data/>. Maps for the 18 or older age group are available only for the following measures: serious mental illness (SMI), any mental illness (AMI), received mental health services, serious thoughts of suicide, and depression (i.e., major depressive episode or MDE).

NOTE: State estimates (which are based on a survey-weighted hierarchical Bayes estimation approach) fall into one of five quintiles according to their ranking. Because 51 states were ranked for each measure, the middle quintile was assigned to 11 states, and the remaining quintiles were assigned 10 states each. In some cases, a "quintile" could have more or fewer states than desired because two (or more) states had the same estimate (to two decimal places). When such ties occurred at the "boundary" between two quintiles, all of the states with the same estimate were conservatively assigned to the lower quintile. Those states with the highest estimates for a given measure are in dark red, with the exception of the perceptions of risk measures, for which the lowest perceptions of great risk are in dark red. Those states with the lowest estimates are in dark blue, with the exception of the perceptions of risk measures, for which the highest perceptions of great risk are in dark blue. The upper and lower limits of each quintile shown in the map legend collectively define a continuum and are not necessarily the actual values of a particular state. Tables containing specific estimates for these states are available on the 2016-2017 NSDUH state web page at <https://www.samhsa.gov/data/>.

¹The past year heroin use estimates for youths aged 12 to 17 were low and had an abbreviated range; therefore, no state grouping was made for this outcome-by-age group.

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