

**Ranges of Substate Regions Categorized into Seven Groups from Lowest to Highest Estimate, by Age Group: Annual Averages Based on 2004, 2005, and 2006 NSDUHs**

Table	Age Group	Number of Estimates Suppressed <sup>1</sup>	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7
Table 1. Illicit Drug Use in Past Month	12 to 17	4	7.76 or lower	7.77 - 8.58	8.59 - 9.43	9.44 - 10.72	10.73 - 12.07	12.08 - 13.49	13.50 or higher
	18 to 25	70	13.32 or lower	13.33 - 15.51	15.52 - 17.81	17.82 - 20.99	21.00 - 25.31	25.32 - 28.23	28.24 or higher
	26 or older	2	3.81 or lower	3.82 - 4.19	4.20 - 5.06	5.07 - 6.15	6.16 - 7.30	7.31 - 8.42	8.43 or higher
	18 or older	0	5.37 or lower	5.38 - 6.03	6.04 - 6.99	7.00 - 8.45	8.46 - 9.88	9.89 - 11.44	11.45 or higher
Table 2. Illicit Drug Use Other Than Marijuana in Past Month	12 to 17	4	4.03 or lower	4.04 - 4.28	4.29 - 4.77	4.78 - 5.39	5.40 - 5.96	5.97 - 6.47	6.48 or higher
	18 to 25	10	5.43 or lower	5.44 - 6.69	6.70 - 7.83	7.84 - 9.28	9.29 - 10.82	10.83 - 11.83	11.84 or higher
	26 or older	4	1.80 or lower	1.81 - 2.05	2.06 - 2.30	2.31 - 2.74	2.75 - 3.12	3.13 - 3.49	3.50 or higher
	18 or older	0	2.49 or lower	2.50 - 2.80	2.81 - 3.17	3.18 - 3.72	3.73 - 4.18	4.19 - 4.62	4.63 or higher
Table 3. Marijuana Use in Past Month	12 to 17	5	4.85 or lower	4.86 - 5.56	5.57 - 6.25	6.26 - 7.60	7.61 - 8.85	8.86 - 10.38	10.39 or higher
	18 to 25	75	9.85 or lower	9.86 - 12.07	12.08 - 14.27	14.28 - 17.80	17.81 - 21.75	21.76 - 25.66	25.67 or higher
	26 or older	2	2.42 or lower	2.43 - 2.86	2.87 - 3.40	3.41 - 4.52	4.53 - 5.59	5.60 - 6.76	6.77 or higher
	18 or older	0	3.66 or lower	3.67 - 4.29	4.30 - 5.04	5.05 - 6.38	6.39 - 7.96	7.97 - 9.38	9.39 or higher
Table 4. Average Annual Rate of First Use of Marijuana	12 to 17	4	4.24 or lower	4.25 - 4.78	4.79 - 5.38	5.39 - 6.26	6.27 - 7.13	7.14 - 8.25	8.26 or higher
	18 to 25	1	4.28 or lower	4.29 - 4.88	4.89 - 5.83	5.84 - 7.05	7.06 - 8.51	8.52 - 10.14	10.15 or higher
	26 or older <sup>2</sup>								
	18 or older	1	0.66 or lower	0.67 - 0.74	0.75 - 0.86	0.87 - 1.04	1.05 - 1.23	1.24 - 1.48	1.49 or higher
Table 5. Perceptions of Great Risk of Smoking Marijuana Once a Month	12 to 17	81	26.49 or lower	26.50 - 29.01	29.02 - 32.70	32.71 - 36.64	36.65 - 40.30	40.31 - 43.01	43.02 or higher
	18 to 25	28	14.77 or lower	14.78 - 17.75	17.76 - 21.50	21.51 - 26.54	26.55 - 29.95	29.96 - 34.55	34.56 or higher
	26 or older	60	29.27 or lower	29.28 - 34.79	34.80 - 39.66	39.67 - 45.03	45.04 - 49.13	49.14 - 53.13	53.14 or higher
	18 or older	2	27.40 or lower	27.41 - 32.37	32.38 - 37.05	37.06 - 42.11	42.12 - 46.16	46.17 - 49.87	49.88 or higher
Table 6. Marijuana Use in Past Year	12 to 17	9	10.49 or lower	10.50 - 11.50	11.51 - 12.76	12.77 - 14.82	14.83 - 16.63	16.64 - 18.30	18.31 or higher
	18 to 25	150	18.56 or lower	18.57 - 21.36	21.37 - 25.25	25.26 - 30.47	30.48 - 35.42	35.43 - 40.13	40.14 or higher
	26 or older	3	4.36 or lower	4.37 - 4.91	4.92 - 5.85	5.86 - 7.49	7.50 - 9.12	9.13 - 10.93	10.94 or higher
	18 or older	0	6.55 or lower	6.56 - 7.60	7.61 - 8.80	8.81 - 10.80	10.81 - 13.19	13.20 - 15.23	15.24 or higher
Table 7. Cocaine Use in Past Year	12 to 17	21	0.97 or lower	0.98 - 1.29	1.30 - 1.51	1.52 - 1.76	1.77 - 2.03	2.04 - 2.29	2.30 or higher
	18 to 25	3	4.16 or lower	4.17 - 5.13	5.14 - 6.16	6.17 - 7.46	7.47 - 8.77	8.78 - 10.16	10.17 or higher
	26 or older	20	1.03 or lower	1.04 - 1.19	1.20 - 1.40	1.41 - 1.70	1.71 - 2.10	2.11 - 2.77	2.78 or higher
	18 or older	1	1.69 or lower	1.70 - 1.88	1.89 - 2.15	2.16 - 2.56	2.57 - 3.00	3.01 - 3.61	3.62 or higher
Table 8. Nonmedical Use of Pain Relievers in Past Year	12 to 17	4	4.90 or lower	4.91 - 5.87	5.88 - 6.80	6.81 - 7.97	7.98 - 9.08	9.09 - 10.25	10.26 or higher
	18 to 25	30	8.01 or lower	8.02 - 9.63	9.64 - 11.58	11.59 - 14.17	14.18 - 15.73	15.74 - 17.06	17.07 or higher
	26 or older	2	2.32 or lower	2.33 - 2.62	2.63 - 3.01	3.02 - 3.55	3.56 - 4.00	4.01 - 4.40	4.41 or higher
	18 or older	0	3.25 or lower	3.26 - 3.71	3.72 - 4.30	4.31 - 5.09	5.10 - 5.72	5.73 - 6.10	6.11 or higher
Table 9. Alcohol Use in Past Month	12 to 17	6	12.76 or lower	12.77 - 14.19	14.20 - 16.17	16.18 - 18.47	18.48 - 20.23	20.24 - 22.32	22.33 or higher
	18 to 25	132	45.62 or lower	45.63 - 52.48	52.49 - 58.80	58.81 - 66.45	66.46 - 71.92	71.93 - 74.79	74.80 or higher
	26 or older	167	35.31 or lower	35.32 - 42.28	42.29 - 49.98	49.99 - 57.64	57.65 - 62.68	62.69 - 66.60	66.61 or higher
	18 or older	59	36.63 or lower	36.64 - 44.26	44.27 - 51.34	51.35 - 59.00	59.01 - 63.47	63.48 - 67.54	67.55 or higher

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Table	Age Group	Number of Estimates Suppressed <sup>1</sup>	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7
Table 10. Binge Alcohol Use in Past Month	12 to 17	4	7.48 or lower	7.49 - 8.62	8.63 - 9.98	9.99 - 11.67	11.68 - 13.15	13.16 - 14.63	14.64 or higher
	18 to 25	132	30.81 or lower	30.82 - 34.17	34.18 - 39.18	39.19 - 47.11	47.12 - 51.52	51.53 - 55.90	55.91 or higher
	26 or older	1	16.27 or lower	16.28 - 18.14	18.15 - 20.14	20.15 - 22.87	22.88 - 25.09	25.10 - 26.85	26.86 or higher
	18 or older	1	18.66 or lower	18.67 - 20.64	20.65 - 22.99	23.00 - 26.38	26.39 - 28.88	28.89 - 31.35	31.36 or higher
Table 11. Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week	12 to 17	4	30.98 or lower	30.99 - 33.34	33.35 - 35.33	35.34 - 38.98	38.99 - 41.99	42.00 - 46.52	46.53 or higher
	18 to 25	11	21.68 or lower	21.69 - 23.52	23.53 - 27.09	27.10 - 33.32	33.33 - 37.97	37.98 - 41.27	41.28 or higher
	26 or older	1	35.27 or lower	35.28 - 37.22	37.23 - 39.64	39.65 - 44.27	44.28 - 47.91	47.92 - 50.44	50.45 or higher
	18 or older	0	33.06 or lower	33.07 - 35.11	35.12 - 37.71	37.72 - 42.25	42.26 - 46.09	46.10 - 48.67	48.68 or higher
Table 12. Cigarette Use in Past Month	12 to 17	5	7.45 or lower	7.46 - 9.11	9.12 - 10.94	10.95 - 13.09	13.10 - 14.66	14.67 - 16.07	16.08 or higher
	18 to 25	69	29.33 or lower	29.34 - 35.18	35.19 - 39.59	39.60 - 43.79	43.80 - 46.40	46.41 - 48.39	48.40 or higher
	26 or older	1	18.27 or lower	18.28 - 21.08	21.09 - 24.02	24.03 - 27.09	27.10 - 29.66	29.67 - 32.18	32.19 or higher
	18 or older	0	20.18 or lower	20.19 - 23.40	23.41 - 26.48	26.49 - 29.43	29.44 - 32.05	32.06 - 33.94	33.95 or higher
Table 13. Tobacco Product Use in Past Month	12 to 17	8	8.99 or lower	9.00 - 11.04	11.05 - 13.23	13.24 - 16.00	16.01 - 17.96	17.97 - 19.62	19.63 or higher
	18 to 25	67	33.25 or lower	33.26 - 40.17	40.18 - 45.50	45.51 - 50.29	50.30 - 53.11	53.12 - 55.07	55.08 or higher
	26 or older	2	21.33 or lower	21.34 - 25.02	25.03 - 28.61	28.62 - 32.85	32.86 - 35.49	35.50 - 38.52	38.53 or higher
	18 or older	0	23.33 or lower	23.34 - 27.56	27.57 - 31.24	31.25 - 35.31	35.32 - 37.76	37.77 - 40.82	40.83 or higher
Table 14. Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day	12 to 17	4	63.05 or lower	63.06 - 64.88	64.89 - 66.63	66.64 - 68.64	68.65 - 70.29	70.30 - 71.61	71.62 or higher
	18 to 25	4	61.35 or lower	61.36 - 63.81	63.82 - 66.44	66.45 - 70.45	70.46 - 73.35	73.36 - 75.81	75.82 or higher
	26 or older	1	68.10 or lower	68.11 - 70.62	70.63 - 72.85	72.86 - 75.91	75.92 - 78.31	78.32 - 80.19	80.20 or higher
	18 or older	0	67.37 or lower	67.38 - 69.66	69.67 - 72.02	72.03 - 75.10	75.11 - 77.57	77.58 - 79.20	79.21 or higher
Table 15. Alcohol Dependence in Past Year	12 to 17	12	1.52 or lower	1.53 - 1.68	1.69 - 1.91	1.92 - 2.22	2.23 - 2.59	2.60 - 2.88	2.89 or higher
	18 to 25	2	5.33 or lower	5.34 - 5.89	5.90 - 6.95	6.96 - 8.09	8.10 - 9.02	9.03 - 9.76	9.77 or higher
	26 or older	2	2.13 or lower	2.14 - 2.31	2.32 - 2.59	2.60 - 3.04	3.05 - 3.42	3.43 - 4.07	4.08 or higher
	18 or older	0	2.74 or lower	2.75 - 2.93	2.94 - 3.29	3.30 - 3.76	3.77 - 4.23	4.24 - 4.68	4.69 or higher
Table 16. Illicit Drug Dependence in Past Year	12 to 17	10	2.06 or lower	2.07 - 2.30	2.31 - 2.47	2.48 - 2.86	2.87 - 3.16	3.17 - 3.44	3.45 or higher
	18 to 25	7	3.75 or lower	3.76 - 4.30	4.31 - 5.03	5.04 - 6.07	6.08 - 7.20	7.21 - 8.09	8.10 or higher
	26 or older	40	0.88 or lower	0.89 - 0.98	0.99 - 1.09	1.10 - 1.27	1.28 - 1.44	1.45 - 1.80	1.81 or higher
	18 or older	1	1.38 or lower	1.39 - 1.54	1.55 - 1.70	1.71 - 2.00	2.01 - 2.26	2.27 - 2.62	2.63 or higher
Table 17. Alcohol Dependence or Abuse in Past Year	12 to 17	5	3.82 or lower	3.83 - 4.67	4.68 - 5.33	5.34 - 6.31	6.32 - 7.47	7.48 - 8.41	8.42 or higher
	18 to 25	36	12.32 or lower	12.33 - 14.16	14.17 - 16.21	16.22 - 19.70	19.71 - 22.28	22.29 - 24.87	24.88 or higher
	26 or older	1	4.86 or lower	4.87 - 5.18	5.19 - 5.81	5.82 - 6.70	6.71 - 7.50	7.51 - 8.13	8.14 or higher
	18 or older	0	6.06 or lower	6.07 - 6.58	6.59 - 7.34	7.35 - 8.63	8.64 - 9.67	9.68 - 10.43	10.44 or higher
Table 18. Illicit Drug Dependence or Abuse in Past Year	12 to 17	4	3.84 or lower	3.85 - 4.20	4.21 - 4.54	4.55 - 5.16	5.17 - 5.76	5.77 - 6.38	6.39 or higher
	18 to 25	12	5.97 or lower	5.98 - 6.59	6.60 - 7.57	7.58 - 8.80	8.81 - 10.38	10.39 - 11.64	11.65 or higher
	26 or older	18	1.19 or lower	1.20 - 1.34	1.35 - 1.52	1.53 - 1.76	1.77 - 2.01	2.02 - 2.37	2.38 or higher
	18 or older	0	1.99 or lower	2.00 - 2.19	2.20 - 2.45	2.46 - 2.84	2.85 - 3.22	3.23 - 3.50	3.51 or higher

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Table	Age Group	Number of Estimates Suppressed <sup>1</sup>	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7
Table 19. Dependence on or Abuse of Illicit Drugs or Alcohol in Past Year	12 to 17	4	6.37 or lower	6.38 - 7.17	7.18 - 7.97	7.98 - 9.29	9.30 - 10.33	10.34 - 11.06	11.07 or higher
	18 to 25	57	16.37 or lower	16.38 - 17.91	17.92 - 20.38	20.39 - 23.44	23.45 - 25.91	25.92 - 27.80	27.81 or higher
	26 or older	1	5.71 or lower	5.72 - 6.21	6.22 - 6.77	6.78 - 7.76	7.77 - 8.45	8.46 - 9.30	9.31 or higher
	18 or older	0	7.39 or lower	7.40 - 7.97	7.98 - 8.77	8.78 - 10.09	10.10 - 11.08	11.09 - 11.83	11.84 or higher
Table 20. Needing But Not Receiving Treatment for Alcohol Use in Past Year	12 to 17	5	3.75 or lower	3.76 - 4.48	4.49 - 5.13	5.14 - 6.06	6.07 - 7.11	7.12 - 7.85	7.86 or higher
	18 to 25	24	11.62 or lower	11.63 - 13.73	13.74 - 15.61	15.62 - 18.81	18.82 - 21.38	21.39 - 23.78	23.79 or higher
	26 or older	1	4.58 or lower	4.59 - 4.91	4.92 - 5.48	5.49 - 6.33	6.34 - 7.08	7.09 - 7.57	7.58 or higher
	18 or older	0	5.79 or lower	5.80 - 6.30	6.31 - 7.01	7.02 - 8.14	8.15 - 9.22	9.23 - 9.94	9.95 or higher
Table 21. Needing But Not Receiving Treatment for Illicit Drug Use in Past Year	12 to 17	4	3.61 or lower	3.62 - 3.84	3.85 - 4.20	4.21 - 4.77	4.78 - 5.33	5.34 - 5.88	5.89 or higher
	18 to 25	2	5.66 or lower	5.67 - 6.18	6.19 - 6.90	6.91 - 8.13	8.14 - 9.39	9.40 - 10.78	10.79 or higher
	26 or older	27	0.98 or lower	0.99 - 1.09	1.10 - 1.27	1.28 - 1.57	1.58 - 1.88	1.89 - 2.18	2.19 or higher
	18 or older	0	1.74 or lower	1.75 - 1.91	1.92 - 2.14	2.15 - 2.56	2.57 - 2.93	2.94 - 3.24	3.25 or higher
Table 22. Serious Psychological Distress in Past Year	18 to 25	1	16.09 or lower	16.10 - 17.25	17.26 - 18.38	18.39 - 20.06	20.07 - 21.44	21.45 - 22.49	22.50 or higher
	26 or older	1	8.45 or lower	8.46 - 9.15	9.16 - 10.05	10.06 - 11.20	11.21 - 12.29	12.30 - 13.16	13.17 or higher
Table 23. Having at Least One Major Depressive Episode in Past Year	12 to 17	4	7.43 or lower	7.44 - 7.84	7.85 - 8.30	8.31 - 8.89	8.90 - 9.48	9.49 - 9.80	9.81 or higher
	18 to 25	4	8.18 or lower	8.19 - 8.85	8.86 - 9.48	9.49 - 10.53	10.54 - 11.50	11.51 - 12.25	12.26 or higher
	26 or older	1	5.82 or lower	5.83 - 6.38	6.39 - 7.01	7.02 - 7.96	7.97 - 8.68	8.69 - 9.29	9.30 or higher

NOTE: These scales are a companion piece to the age group tables found in the report on *Substate Estimates from the 2004-2006 National Surveys on Drug Use and Health*. Estimates are based on a survey-weighted hierarchical Bayes estimation approach.

NOTE: All 363 substate regions were used to create these seven groups instead of the 345 substate regions that were used to create maps representing the 12 or older age group. Estimates for these 363 substate regions have been ranked from lowest to highest for each outcome and age group and divided into seven categories. The three lowest groups (shown in blue) represent the lowest third of the estimates, with the lowest group having 16 regions, the next lowest group having 33 regions, and the next lowest group having 72 regions each (except in cases of ties, where the numbers may vary a little). The three highest groups (shown in red) were created similarly. The middle group (shown in white) represents the 121 regions that fall into the middle third. The only exception to the colors were the three perception of risk outcomes, which have the highest estimates represented in blue and the lowest represented in red to reflect the inverse relationship between substance use and perception of risk of using that substance.

<sup>1</sup>For details on the suppression criteria, see the tables showing 2004-2006 estimates by age group and substate regions.

<sup>2</sup>The average annual rates for the first use of marijuana were low for the 26 or older age group and had an abbreviated range; therefore, no substate region groupings have been made for this age group.