



## 2003 State Estimates of Substance Use

## Appendix B: Tables of Model-Based Estimates (50 States and the District of Columbia), by Substance

41005

**Table B.1**  
*Any Illicit  
Drug Use in  
Past Month,  
by Age  
Group and  
State:*  
**Percentages,  
Annual  
Averages  
Based on  
2002 and  
2003  
NSDUHs**

State	Total		AGE GROUP (Years)				
	Estimate	95% Prediction Interval	12-17		18-25		Estimate
			Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	
Total	8.25		11.44		20.24		5
Alabama	6.62	(5.51 – 7.94)	9.65	(7.88 – 11.78)	15.94	(13.46 – 18.77)	4
Alaska	12.01	(10.28 – 13.98)	13.34	(11.15 – 15.88)	27.29	(23.82 – 31.06)	9
Arizona	8.87	(7.47 – 10.51)	12.61	(10.40 – 15.23)	18.88	(15.99 – 22.16)	6
Arkansas	7.78	(6.63 – 9.12)	11.72	(9.73 – 14.07)	21.05	(18.00 – 24.46)	4
California	9.01	(8.19 – 9.91)	11.44	(10.23 – 12.77)	18.83	(17.19 – 20.59)	6
Colorado	11.12	(9.52 – 12.94)	13.83	(11.48 – 16.58)	25.52	(22.07 – 29.31)	8
Connecticut	8.75	(7.41 – 10.30)	12.43	(10.28 – 14.96)	25.58	(22.15 – 29.35)	5
Delaware	8.74	(7.54 – 10.11)	13.54	(11.38 – 16.04)	25.77	(22.45 – 29.39)	5
District of Columbia	11.59	(9.85 – 13.59)	11.54	(9.44 – 14.03)	26.23	(22.57 – 30.26)	8
Florida	8.72	(7.94 – 9.56)	11.42	(10.22 – 12.74)	21.32	(19.63 – 23.11)	6
Georgia	7.54	(6.37 – 8.90)	10.43	(8.53 – 12.69)	17.51	(14.70 – 20.73)	5
Hawaii	8.90	(7.43 – 10.64)	13.97	(11.37 – 17.05)	19.31	(16.23 – 22.81)	6
Idaho	7.24	(6.13 – 8.53)	11.02	(9.08 – 13.31)	15.80	(13.24 – 18.73)	4
Illinois	7.50	(6.84 – 8.23)	10.83	(9.72 – 12.06)	20.22	(18.59 – 21.95)	4
Indiana	8.07	(6.88 – 9.44)	10.15	(8.25 – 12.42)	20.67	(17.73 – 23.95)	5
Iowa	6.47	(5.35 – 7.79)	9.22	(7.38 – 11.48)	15.80	(13.10 – 18.94)	4
Kansas	6.74	(5.67 – 7.99)	9.33	(7.51 – 11.53)	16.67	(14.03 – 19.70)	4
Kentucky	8.33	(7.05 – 9.81)	11.70	(9.68 – 14.08)	18.43	(15.61 – 21.63)	6
Louisiana	8.07	(6.90 – 9.42)	10.76	(8.78 – 13.12)	20.54	(17.66 – 23.76)	5
Maine	9.31	(7.94 – 10.89)	12.58	(10.49 – 15.01)	25.20	(21.99 – 28.70)	6
Maryland	7.57	(6.45 – 8.87)	10.76	(8.86 – 13.02)	22.02	(18.76 – 25.66)	4
Massachusetts	9.28	(7.96 – 10.79)	13.94	(11.72 – 16.51)	27.46	(23.91 – 31.32)	5

NOTE: Any Illicit Drug includes marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or any prescription-type p  
nonmedically.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) interval

State	Total		AGE GROUP (Years)					
			12–17		18–25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Pre Inter
Michigan	9.06	(8.30 – 9.88)	12.80	(11.55 – 14.16)	21.22	(19.65 – 22.88)	6.42	(5.52 –
Minnesota	7.59	(6.41 – 8.98)	11.59	(9.54 – 14.02)	19.28	(16.31 – 22.64)	4.91	(3.67 –
Mississippi	6.56	(5.52 – 7.79)	10.59	(8.58 – 13.00)	16.33	(13.64 – 19.42)	3.98	(2.90 –
Missouri	9.17	(7.78 – 10.78)	10.05	(8.21 – 12.24)	21.37	(18.45 – 24.62)	6.90	(5.30 –
Montana	10.58	(9.07 – 12.30)	15.57	(13.14 – 18.35)	22.34	(19.36 – 25.64)	7.77	(6.03 –
Nebraska	7.67	(6.57 – 8.94)	12.71	(10.53 – 15.28)	18.91	(16.16 – 22.01)	4.78	(3.58 –
Nevada	10.30	(8.70 – 12.15)	12.46	(10.27 – 15.04)	22.02	(18.86 – 25.53)	8.17	(6.34 –
New Hampshire	11.15	(9.45 – 13.11)	14.46	(12.10 – 17.18)	29.61	(26.09 – 33.39)	7.82	(5.93 –
New Jersey	6.97	(5.86 – 8.28)	10.42	(8.46 – 12.77)	21.36	(18.23 – 24.86)	4.48	(3.32 –
New Mexico	10.00	(8.39 – 11.88)	14.16	(11.45 – 17.37)	22.17	(18.75 – 26.01)	7.08	(5.27 –
New York	8.90	(8.10 – 9.78)	11.68	(10.46 – 13.01)	23.89	(22.00 – 25.89)	6.07	(5.14 –
North Carolina	7.92	(6.70 – 9.35)	13.62	(11.35 – 16.26)	20.35	(17.35 – 23.73)	5.09	(3.79 –
North Dakota	7.22	(6.03 – 8.63)	11.64	(9.57 – 14.09)	18.02	(15.17 – 21.28)	4.35	(3.10 –
Ohio	8.04	(7.33 – 8.81)	11.39	(10.24 – 12.64)	20.64	(19.03 – 22.34)	5.42	(4.59 –
Oklahoma	8.58	(7.13 – 10.27)	12.23	(10.05 – 14.80)	18.97	(15.84 – 22.54)	6.06	(4.46 –
Oregon	10.84	(9.24 – 12.68)	12.30	(10.17 – 14.80)	24.72	(21.54 – 28.19)	8.30	(6.46 –
Pennsylvania	7.50	(6.79 – 8.28)	11.28	(10.13 – 12.54)	20.54	(18.87 – 22.32)	4.91	(4.10 –
Rhode Island	10.95	(9.35 – 12.78)	13.25	(10.76 – 16.21)	32.44	(28.49 – 36.66)	6.75	(5.03 –
South Carolina	7.23	(6.07 – 8.59)	11.05	(9.00 – 13.50)	19.54	(16.63 – 22.81)	4.54	(3.33 –
South Dakota	7.15	(6.02 – 8.48)	13.26	(10.86 – 16.09)	17.92	(15.17 – 21.05)	4.13	(2.89 –
Tennessee	6.70	(5.53 – 8.10)	9.23	(7.36 – 11.50)	16.16	(13.22 – 19.61)	4.78	(3.51 –
Texas	6.97	(6.35 – 7.65)	10.18	(9.05 – 11.44)	16.54	(15.07 – 18.13)	4.59	(3.86 –
Utah	6.32	(5.22 – 7.63)	8.76	(6.95 – 10.98)	12.69	(10.26 – 15.58)	4.00	(2.81 –
Vermont	10.96	(9.37 – 12.78)	16.67	(14.04 – 19.67)	29.58	(25.76 – 33.70)	6.99	(5.25 –
Virginia	7.68	(6.49 – 9.07)	11.88	(9.75 – 14.39)	20.53	(17.64 – 23.77)	5.03	(3.73 –
Washington	9.96	(8.53 – 11.60)	13.49	(11.23 – 16.13)	24.65	(21.44 – 28.18)	6.96	(5.36 –
West Virginia	6.61	(5.59 – 7.81)	11.70	(9.68 – 14.07)	17.37	(14.60 – 20.54)	4.29	(3.22 –
Wisconsin	7.48	(6.34 – 8.80)	10.73	(8.69 – 13.19)	18.85	(16.08 – 21.98)	4.98	(3.75 –
Wyoming	7.51	(6.28 – 8.95)	10.05	(8.17 – 12.31)	18.36	(15.43 – 21.70)	5.07	(3.76 –

NOTE: Any Illicit Drug includes marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or any prescription-type psychotherapeutic nonmedically.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002 and 2003.

**Table B.2**  
**Marijuana**  
**Use in Past**  
**Year, by**  
**Age Group**  
**and State:**  
**Percentages,**  
**Annual**  
**Averages**  
**Based on**  
**2002 and**  
**2003**  
**NSDUHs**

State	Total		AGE GROUP (Years)				
	Estimate	95% Prediction Interval	12-17		18-25		Estimate
			Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	
Total	10.78		15.38		29.13		6
Alabama	8.35	(7.14 – 9.74)	12.75	(10.76 – 15.06)	23.79	(20.75 – 27.12)	5
Alaska	16.65	(14.61 – 18.90)	18.87	(16.25 – 21.81)	38.90	(35.27 – 42.66)	12
Arizona	10.48	(9.03 – 12.14)	16.96	(14.34 – 19.95)	27.54	(24.13 – 31.24)	6
Arkansas	10.22	(8.85 – 11.78)	15.76	(13.43 – 18.40)	28.89	(25.24 – 32.82)	6
California	11.33	(10.48 – 12.23)	14.11	(12.76 – 15.56)	28.29	(26.35 – 30.31)	7
Colorado	15.08	(13.24 – 17.14)	19.55	(16.75 – 22.68)	36.57	(32.97 – 40.33)	10
Connecticut	11.78	(10.23 – 13.52)	17.58	(14.96 – 20.55)	38.82	(34.89 – 42.90)	7
Delaware	11.65	(10.19 – 13.30)	18.20	(15.65 – 21.06)	33.24	(29.51 – 37.18)	7
District of Columbia	15.09	(13.17 – 17.23)	14.83	(12.48 – 17.54)	37.61	(33.64 – 41.76)	10
Florida	11.36	(10.48 – 12.30)	16.13	(14.71 – 17.67)	29.83	(27.83 – 31.92)	8
Georgia	9.61	(8.33 – 11.07)	14.20	(11.95 – 16.80)	23.85	(20.60 – 27.44)	6
Hawaii	11.56	(9.97 – 13.37)	18.09	(15.18 – 21.41)	30.20	(26.43 – 34.26)	7
Idaho	9.26	(8.02 – 10.68)	14.63	(12.29 – 17.33)	24.37	(21.14 – 27.91)	5
Illinois	9.99	(9.26 – 10.77)	14.46	(13.18 – 15.84)	29.61	(27.69 – 31.61)	5
Indiana	10.33	(8.94 – 11.90)	13.95	(11.78 – 16.45)	28.44	(25.11 – 32.03)	6
Iowa	9.32	(8.05 – 10.76)	13.39	(11.21 – 15.93)	25.88	(22.49 – 29.58)	5
Kansas	9.08	(7.83 – 10.51)	13.24	(11.08 – 15.73)	25.44	(22.21 – 28.97)	5
Kentucky	10.30	(8.93 – 11.84)	16.32	(14.07 – 18.86)	26.21	(23.10 – 29.57)	6
Louisiana	9.82	(8.56 – 11.23)	13.02	(10.99 – 15.35)	27.52	(24.32 – 30.97)	5
Maine	12.34	(10.82 – 14.04)	18.76	(16.19 – 21.62)	37.34	(33.70 – 41.14)	7
Maryland	10.54	(9.11 – 12.17)	14.75	(12.46 – 17.37)	30.31	(26.73 – 34.14)	6
Massachusetts	15.45	(13.52 – 17.59)	20.15	(17.38 – 23.24)	38.19	(34.19 – 42.36)	11
Michigan	12.61	(11.70 – 13.59)	17.03	(15.63 – 18.53)	32.38	(30.52 – 34.30)	8
Minnesota	11.40	(9.90 – 13.09)	17.30	(14.85 – 20.07)	30.34	(26.75 – 34.18)	7
Mississippi	7.98	(6.82 – 9.32)	11.01	(9.00 – 13.39)	22.06	(18.94 – 25.53)	4
Missouri	11.91	(10.47 – 13.53)	16.15	(13.85 – 18.75)	31.48	(28.06 – 35.11)	7
Montana	13.83	(12.18 – 15.67)	21.07	(18.29 – 24.16)	35.15	(31.67 – 38.80)	9
Nebraska	10.39	(8.98 – 12.00)	16.42	(13.95 – 19.24)	27.17	(23.75 – 30.88)	6
Nevada	12.01	(10.35 – 13.89)	19.67	(16.87 – 22.81)	29.02	(25.49 – 32.81)	8
New Hampshire	16.30	(14.15 – 18.70)	20.52	(17.57 – 23.84)	44.61	(40.72 – 48.56)	11
New Jersey	8.64	(7.46 – 10.00)	14.03	(11.72 – 16.71)	29.40	(25.76 – 33.31)	5
New Mexico	12.30	(10.64 – 14.18)	19.03	(16.05 – 22.42)	33.80	(29.71 – 38.15)	7
New York	12.22	(11.31 – 13.19)	15.98	(14.59 – 17.48)	33.60	(31.55 – 35.70)	8
North Carolina	9.83	(8.45 – 11.41)	16.97	(14.44 – 19.84)	26.70	(23.36 – 30.32)	6
North Dakota	9.81	(8.57 – 11.20)	16.18	(13.72 – 18.99)	28.80	(25.34 – 32.53)	4
Ohio	10.91	(10.11 – 11.76)	15.33	(14.01 – 16.74)	30.34	(28.47 – 32.27)	6
Oklahoma	9.50	(8.12 – 11.09)	15.34	(12.85 – 18.22)	25.47	(22.08 – 29.17)	5
Oregon	13.78	(12.03 – 15.74)	17.38	(14.81 – 20.29)	36.44	(32.69 – 40.37)	9
Pennsylvania	9.88	(9.09 – 10.74)	15.24	(13.93 – 16.64)	29.95	(28.03 – 31.95)	5

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) interval is based on Markov Chain Monte Carlo techniques.

State	Total		AGE GROUP (Years)					
			12–17		18–25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Rhode Island	15.22	(13.29 – 17.37)	18.29	(15.50 – 21.46)	45.71	(41.55 – 49.94)	9.29	(7.17 –
South Carolina	9.67	(8.34 – 11.17)	13.44	(11.26 – 15.97)	27.75	(24.47 – 31.30)	5.96	(4.56 –
South Dakota	9.83	(8.54 – 11.28)	17.65	(15.09 – 20.54)	28.35	(24.86 – 32.13)	5.02	(3.73 –
Tennessee	7.36	(6.19 – 8.73)	12.15	(10.04 – 14.62)	21.07	(17.83 – 24.73)	4.44	(3.29 –
Texas	8.56	(7.90 – 9.26)	13.91	(12.60 – 15.34)	22.28	(20.61 – 24.05)	5.01	(4.29 –
Utah	8.17	(6.98 – 9.54)	11.08	(9.02 – 13.54)	20.77	(17.71 – 24.20)	3.93	(2.78 –
Vermont	15.93	(14.17 – 17.86)	22.69	(19.70 – 25.99)	44.56	(40.52 – 48.67)	10.10	(8.10 –
Virginia	9.69	(8.36 – 11.20)	15.47	(13.03 – 18.28)	29.57	(26.14 – 33.24)	5.68	(4.32 –
Washington	13.50	(11.88 – 15.30)	17.64	(15.11 – 20.50)	36.16	(32.50 – 39.99)	9.05	(7.28 –
West Virginia	9.16	(7.89 – 10.60)	16.92	(14.42 – 19.76)	27.87	(24.43 – 31.59)	5.24	(3.97 –
Wisconsin	10.01	(8.72 – 11.48)	15.84	(13.39 – 18.63)	30.00	(26.69 – 33.55)	5.61	(4.29 –
Wyoming	10.45	(8.93 – 12.19)	14.46	(12.08 – 17.21)	28.79	(25.17 – 32.71)	6.38	(4.82 –

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002 and 2003.

41005

**Table B.3**  
*Marijuana Use in Past Month, by Age Group and State: Percentages, Annual Averages Based on 2002 and 2003 NSDUHs*

State	Total		AGE GROUP (Years)					
			12–17		18–25		Estimate	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval		
Total	6.18		8.03		17.17		4	
Alabama	4.32	(3.45 – 5.39)	6.37	(4.93 – 8.19)	12.47	(10.24 – 15.10)	2	
Alaska	9.78	(8.10 – 11.77)	11.08	(9.02 – 13.54)	23.99	(20.87 – 27.41)	7	
Arizona	5.68	(4.61 – 6.98)	7.74	(6.06 – 9.83)	15.18	(12.58 – 18.20)	3	
Arkansas	5.63	(4.63 – 6.84)	7.97	(6.37 – 9.92)	16.48	(13.77 – 19.60)	3	
California	6.50	(5.82 – 7.26)	7.66	(6.70 – 8.75)	16.09	(14.60 – 17.71)	4	
Colorado	8.49	(7.11 – 10.11)	9.82	(7.90 – 12.15)	21.67	(18.59 – 25.10)	6	
Connecticut	6.94	(5.80 – 8.29)	9.22	(7.39 – 11.45)	23.62	(20.45 – 27.11)	4	
Delaware	6.89	(5.84 – 8.10)	9.41	(7.65 – 11.52)	22.06	(18.89 – 25.59)	3	
District of Columbia	9.60	(8.05 – 11.42)	7.43	(5.82 – 9.45)	24.14	(20.57 – 28.11)	6	
Florida	6.58	(5.87 – 7.36)	8.52	(7.48 – 9.69)	17.68	(16.19 – 19.27)	4	
Georgia	4.93	(4.01 – 6.04)	6.87	(5.40 – 8.69)	13.01	(10.56 – 15.93)	3	
Hawaii	6.95	(5.62 – 8.57)	10.23	(8.12 – 12.81)	17.00	(13.99 – 20.50)	4	
Idaho	5.09	(4.17 – 6.19)	7.92	(6.28 – 9.93)	12.47	(10.27 – 15.07)	3	
Illinois	5.60	(5.04 – 6.22)	7.61	(6.69 – 8.64)	17.43	(15.96 – 19.01)	3	
Indiana	6.12	(5.05 – 7.41)	7.37	(5.81 – 9.31)	17.19	(14.45 – 20.34)	3	
Iowa	4.90	(3.99 – 6.01)	7.10	(5.60 – 8.96)	13.14	(10.74 – 15.99)	3	
Kansas	4.91	(3.97 – 6.05)	7.39	(5.78 – 9.41)	13.92	(11.52 – 16.73)	2	
Kentucky	5.62	(4.58 – 6.87)	8.16	(6.46 – 10.25)	14.15	(11.79 – 16.91)	3	

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

State	Total		AGE GROUP (Years)					
			12–17		18–25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Louisiana	5.77	(4.78 – 6.94)	6.92	(5.41 – 8.82)	17.04	(14.43 – 20.01)	3.33	(2.33 –
Maine	7.95	(6.61 – 9.52)	10.56	(8.53 – 13.00)	23.22	(20.10 – 26.66)	5.33	(3.90 –
Maryland	5.73	(4.74 – 6.90)	7.87	(6.27 – 9.83)	19.43	(16.44 – 22.82)	3.27	(2.31 –
Massachusetts	7.80	(6.57 – 9.24)	10.53	(8.58 – 12.85)	24.54	(21.16 – 28.27)	4.79	(3.54 –
Michigan	7.20	(6.51 – 7.96)	9.23	(8.25 – 10.32)	18.49	(17.04 – 20.03)	4.95	(4.15 –
Minnesota	6.37	(5.30 – 7.65)	8.92	(7.19 – 11.02)	17.49	(14.78 – 20.58)	4.00	(2.88 –
Mississippi	4.64	(3.74 – 5.75)	6.04	(4.64 – 7.84)	12.99	(10.56 – 15.87)	2.74	(1.85 –
Missouri	6.76	(5.60 – 8.16)	7.43	(5.91 – 9.30)	18.55	(15.90 – 21.53)	4.59	(3.34 –
Montana	9.17	(7.66 – 10.94)	12.07	(9.96 – 14.56)	20.66	(17.76 – 23.90)	6.71	(4.99 –
Nebraska	5.97	(4.89 – 7.27)	9.13	(7.33 – 11.31)	15.61	(13.04 – 18.57)	3.66	(2.56 –
Nevada	7.62	(6.25 – 9.25)	9.58	(7.65 – 11.92)	18.29	(15.48 – 21.47)	5.68	(4.19 –
New Hampshire	10.23	(8.52 – 12.25)	11.79	(9.55 – 14.46)	27.31	(24.05 – 30.83)	7.36	(5.42 –
New Jersey	5.05	(4.13 – 6.16)	7.33	(5.74 – 9.32)	17.89	(15.01 – 21.18)	2.93	(2.04 –
New Mexico	7.37	(6.06 – 8.94)	10.35	(8.17 – 13.02)	18.98	(15.93 – 22.45)	4.74	(3.36 –
New York	7.34	(6.65 – 8.09)	8.76	(7.73 – 9.91)	21.44	(19.80 – 23.18)	4.82	(4.03 –
North Carolina	5.89	(4.89 – 7.09)	8.44	(6.75 – 10.51)	17.22	(14.53 – 20.28)	3.66	(2.62 –
North Dakota	5.35	(4.35 – 6.56)	7.58	(5.94 – 9.63)	15.35	(12.64 – 18.50)	2.94	(1.95 –
Ohio	6.49	(5.87 – 7.18)	8.74	(7.75 – 9.85)	18.22	(16.74 – 19.80)	4.17	(3.47 –
Oklahoma	5.58	(4.50 – 6.90)	8.13	(6.40 – 10.27)	15.51	(12.84 – 18.61)	3.31	(2.25 –
Oregon	8.88	(7.37 – 10.66)	9.31	(7.49 – 11.52)	22.17	(19.22 – 25.43)	6.57	(4.91 –
Pennsylvania	5.64	(5.07 – 6.28)	8.18	(7.20 – 9.28)	17.66	(16.14 – 19.29)	3.37	(2.75 –
Rhode Island	9.56	(8.00 – 11.39)	10.86	(8.63 – 13.59)	29.93	(26.10 – 34.05)	5.70	(4.06 –
South Carolina	5.65	(4.66 – 6.84)	7.25	(5.67 – 9.23)	16.46	(13.89 – 19.41)	3.52	(2.52 –
South Dakota	5.24	(4.28 – 6.39)	9.57	(7.56 – 12.04)	14.66	(12.19 – 17.54)	2.74	(1.78 –
Tennessee	4.59	(3.68 – 5.71)	6.37	(4.97 – 8.13)	13.40	(10.69 – 16.66)	2.88	(2.00 –
Texas	4.79	(4.29 – 5.34)	6.38	(5.51 – 7.37)	12.86	(11.54 – 14.30)	2.95	(2.40 –
Utah	4.00	(3.18 – 5.03)	5.30	(3.97 – 7.03)	9.53	(7.52 – 11.99)	2.15	(1.36 –
Vermont	9.77	(8.22 – 11.57)	13.32	(11.04 – 15.98)	26.95	(23.50 – 30.71)	6.34	(4.63 –
Virginia	5.96	(4.90 – 7.23)	8.43	(6.72 – 10.51)	17.70	(14.96 – 20.82)	3.73	(2.66 –
Washington	7.41	(6.24 – 8.79)	9.11	(7.32 – 11.27)	21.22	(18.26 – 24.51)	4.82	(3.59 –
West Virginia	5.12	(4.16 – 6.28)	8.62	(6.86 – 10.80)	14.67	(12.15 – 17.62)	3.17	(2.23 –
Wisconsin	5.40	(4.46 – 6.53)	7.71	(6.07 – 9.74)	15.98	(13.42 – 18.92)	3.18	(2.25 –
Wyoming	5.45	(4.45 – 6.66)	7.14	(5.60 – 9.04)	15.59	(13.02 – 18.56)	3.27	(2.25 –

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002 and 2003.

**Table B.4**  
**Perceptions**  
**of Great**  
**Risk of**  
**Smoking**  
**Marijuana**  
**Once a**  
**Month, by**  
**Age Group**  
**and State:**  
**Percentages,**  
**Annual**  
**Averages**  
**Based on**  
**2002 and**  
**2003**  
**NSDUHs**

State	Total		AGE GROUP (Years)				
	Estimate	95% Prediction Interval	12-17		18-25		Estimate
			Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	
Total	39.05		33.66		24.19		42
Alabama	48.47	(45.15 – 51.81)	39.58	(35.98 – 43.29)	30.97	(27.51 – 34.67)	52
Alaska	27.54	(24.58 – 30.71)	25.38	(21.95 – 29.14)	17.53	(14.81 – 20.63)	29
Arizona	40.53	(37.21 – 43.95)	34.76	(30.91 – 38.82)	26.48	(23.25 – 29.99)	43
Arkansas	46.86	(43.56 – 50.20)	39.51	(35.75 – 43.40)	27.94	(24.62 – 31.51)	51
California	36.63	(34.92 – 38.37)	32.86	(30.95 – 34.83)	25.51	(23.68 – 27.43)	39
Colorado	28.74	(25.94 – 31.71)	28.97	(25.62 – 32.57)	17.51	(14.84 – 20.55)	30
Connecticut	34.36	(31.08 – 37.81)	27.71	(24.37 – 31.32)	17.99	(15.44 – 20.86)	37
Delaware	37.95	(34.90 – 41.10)	30.07	(26.77 – 33.59)	22.13	(19.20 – 25.37)	41
District of Columbia	33.64	(30.43 – 37.00)	28.14	(24.18 – 32.47)	19.51	(16.36 – 23.10)	36
Florida	42.60	(40.86 – 44.35)	34.48	(32.61 – 36.39)	26.92	(25.12 – 28.80)	45
Georgia	44.17	(41.04 – 47.36)	35.25	(31.88 – 38.78)	30.63	(27.07 – 34.45)	47
Hawaii	34.25	(31.01 – 37.65)	29.60	(26.16 – 33.27)	24.59	(21.04 – 28.52)	36
Idaho	38.60	(35.66 – 41.62)	36.63	(33.06 – 40.36)	26.41	(23.19 – 29.91)	41
Illinois	38.54	(36.87 – 40.25)	33.22	(31.36 – 35.14)	22.90	(21.21 – 24.68)	42
Indiana	41.91	(38.89 – 44.99)	36.55	(33.11 – 40.14)	24.32	(21.30 – 27.63)	45
Iowa	44.24	(41.07 – 47.46)	40.63	(36.93 – 44.43)	26.80	(23.45 – 30.43)	48
Kansas	42.85	(39.57 – 46.20)	38.79	(35.01 – 42.71)	24.23	(21.16 – 27.58)	47
Kentucky	41.86	(38.66 – 45.12)	38.83	(35.32 – 42.47)	26.11	(22.88 – 29.62)	44
Louisiana	45.73	(42.66 – 48.84)	37.94	(34.27 – 41.75)	25.31	(22.30 – 28.58)	51
Maine	31.33	(28.21 – 34.63)	26.71	(23.64 – 30.02)	14.91	(12.56 – 17.62)	34
Maryland	35.62	(32.49 – 38.88)	30.86	(27.46 – 34.48)	22.51	(19.36 – 26.01)	38
Massachusetts	26.82	(23.99 – 29.85)	26.76	(23.57 – 30.21)	15.07	(12.48 – 18.10)	28
Michigan	35.94	(34.32 – 37.60)	32.43	(30.63 – 34.29)	20.12	(18.63 – 21.69)	39
Minnesota	31.11	(28.17 – 34.22)	29.53	(26.37 – 32.91)	18.15	(15.32 – 21.36)	33
Mississippi	49.33	(46.13 – 52.54)	38.60	(34.93 – 42.40)	31.44	(27.85 – 35.27)	54
Missouri	36.69	(33.57 – 39.93)	33.96	(30.66 – 37.41)	22.99	(19.93 – 26.36)	39
Montana	33.27	(30.24 – 36.44)	28.46	(25.25 – 31.89)	18.13	(15.54 – 21.04)	36
Nebraska	41.65	(38.31 – 45.06)	33.50	(30.01 – 37.19)	27.59	(24.27 – 31.19)	45
Nevada	34.02	(30.95 – 37.23)	33.52	(29.89 – 37.34)	22.76	(19.72 – 26.11)	35
New Hampshire	28.34	(25.22 – 31.68)	22.61	(19.52 – 26.04)	12.94	(10.69 – 15.59)	31
New Jersey	41.79	(38.50 – 45.16)	35.58	(32.14 – 39.17)	23.13	(19.98 – 26.62)	45
New Mexico	39.36	(35.87 – 42.96)	30.44	(26.66 – 34.51)	23.00	(19.63 – 26.75)	43
New York	36.10	(34.25 – 37.99)	30.29	(28.36 – 32.29)	22.59	(20.74 – 24.55)	39
North Carolina	44.10	(40.86 – 47.38)	36.16	(32.58 – 39.89)	25.34	(22.16 – 28.80)	48
North Dakota	38.86	(35.76 – 42.06)	34.58	(31.13 – 38.19)	24.34	(21.15 – 27.84)	42
Ohio	39.30	(37.61 – 41.02)	35.11	(33.22 – 37.04)	23.10	(21.44 – 24.85)	42
Oklahoma	42.65	(39.29 – 46.08)	35.17	(31.53 – 38.98)	27.13	(23.71 – 30.84)	46
Oregon	30.98	(27.82 – 34.32)	28.97	(25.58 – 32.61)	16.99	(14.32 – 20.04)	33
Pennsylvania	40.78	(39.04 – 42.56)	32.97	(31.14 – 34.85)	21.48	(19.82 – 23.24)	44

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) interval estimates are based on Markov Chain Monte Carlo techniques.

State	Total		AGE GROUP (Years)					
			12-17		18-25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Rhode Island	31.91	(28.61 – 35.40)	25.90	(22.54 – 29.56)	16.38	(13.80 – 19.34)	35.48	(31.38 – 39.58)
South Carolina	43.44	(40.18 – 46.75)	36.41	(32.97 – 39.98)	24.77	(21.66 – 28.15)	47.68	(43.65 – 51.71)
South Dakota	37.53	(34.58 – 40.57)	35.30	(31.79 – 38.97)	21.83	(18.84 – 25.15)	40.94	(37.18 – 44.70)
Tennessee	42.06	(39.05 – 45.14)	35.74	(32.19 – 39.45)	26.26	(22.74 – 30.12)	45.53	(41.87 – 49.19)
Texas	45.42	(43.89 – 46.97)	36.30	(34.36 – 38.29)	30.65	(28.78 – 32.58)	49.77	(47.77 – 51.77)
Utah	42.42	(39.55 – 45.35)	42.42	(38.43 – 46.52)	29.72	(26.29 – 33.39)	46.15	(42.28 – 50.02)
Vermont	27.52	(24.63 – 30.63)	23.08	(20.02 – 26.45)	12.08	(9.90 – 14.67)	30.78	(27.14 – 34.42)
Virginia	40.45	(37.17 – 43.81)	36.17	(32.54 – 39.97)	23.35	(20.42 – 26.56)	43.80	(39.75 – 47.85)
Washington	26.80	(24.15 – 29.62)	26.99	(23.80 – 30.44)	16.30	(13.76 – 19.21)	28.57	(25.32 – 31.82)
West Virginia	46.64	(43.29 – 50.02)	33.04	(29.61 – 36.66)	25.76	(22.77 – 29.00)	51.58	(47.42 – 55.74)
Wisconsin	34.52	(31.47 – 37.71)	31.12	(27.75 – 34.70)	19.86	(17.10 – 22.93)	37.63	(33.83 – 41.43)
Wyoming	38.88	(35.70 – 42.14)	34.88	(31.36 – 38.57)	21.04	(18.23 – 24.15)	42.85	(38.83 – 46.87)

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002 and 2003.

41005

State	Total		AGE GROUP (Years)					
			12-17		18-25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Total	1.81		6.57		6.82		0.1	
Alabama	1.55	(1.33 – 1.82)	5.97	(4.91 – 7.24)	6.23	(4.91 – 7.87)	0.0	
Alaska	2.68	(2.26 – 3.18)	7.77	(6.41 – 9.40)	8.43	(6.49 – 10.87)	0.1	
Arizona	1.73	(1.48 – 2.03)	6.42	(5.25 – 7.82)	6.01	(4.62 – 7.78)	0.1	
Arkansas	1.72	(1.47 – 2.00)	6.67	(5.55 – 7.99)	7.11	(5.52 – 9.11)	0.1	
California	1.79	(1.62 – 1.98)	5.88	(5.22 – 6.61)	6.27	(5.41 – 7.24)	0.1	
Colorado	2.31	(1.97 – 2.71)	7.59	(6.28 – 9.16)	8.10	(6.27 – 10.40)	0.2	
Connecticut	2.03	(1.74 – 2.36)	8.31	(6.93 – 9.93)	8.22	(6.47 – 10.40)	0.1	
Delaware	1.89	(1.62 – 2.20)	7.94	(6.63 – 9.49)	7.21	(5.53 – 9.35)	0.1	
District of Columbia	1.96	(1.65 – 2.33)	6.89	(5.69 – 8.32)	8.17	(6.34 – 10.46)	0.1	
Florida	1.58	(1.45 – 1.72)	6.75	(6.09 – 7.48)	6.44	(5.60 – 7.40)	0.1	
Georgia	1.61	(1.37 – 1.89)	5.93	(4.86 – 7.23)	4.76	(3.62 – 6.23)	0.1	
Hawaii	1.98	(1.64 – 2.39)	7.02	(5.62 – 8.73)	8.90	(6.70 – 11.74)	0.0	
Idaho	1.93	(1.65 – 2.24)	6.36	(5.24 – 7.71)	5.43	(4.15 – 7.06)	0.1	
Illinois	1.76	(1.60 – 1.92)	6.24	(5.63 – 6.90)	6.87	(5.97 – 7.89)	0.1	
Indiana	1.71	(1.45 – 2.01)	5.48	(4.44 – 6.73)	7.54	(5.93 – 9.53)	0.1	
Iowa	1.62	(1.38 – 1.90)	5.37	(4.37 – 6.58)	7.15	(5.61 – 9.06)	0.1	

NOTE: Average Annual Rate = {(Number of Marijuana Initiates in past 24 months) / [(Number of Marijuana Initiates in past 24 months \* 0.5) + (Number of persons who never used Marijuana)]} / 2. Both the computation components, Number of Marijuana Initiates in past 24 months and Number of persons who never used Marijuana, are based on a survey-weighted hierarchical Bayes estimation approach. Note that the age group is based on a respondent's age at interview, not his or her age at first use.

State	Total		AGE GROUP (Years)					
			12–17		18–25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Pre Inter
Kansas	1.70	(1.45 – 2.00)	5.13	(4.11 – 6.38)	7.68	(6.07 – 9.68)	0.11	(0.06 –
Kentucky	1.67	(1.42 – 1.95)	6.95	(5.80 – 8.30)	6.29	(4.81 – 8.20)	0.12	(0.07 –
Louisiana	1.76	(1.50 – 2.06)	5.64	(4.57 – 6.94)	7.91	(6.23 – 10.00)	0.09	(0.05 –
Maine	2.20	(1.89 – 2.57)	8.31	(6.99 – 9.84)	10.35	(8.18 – 13.02)	0.13	(0.07 –
Maryland	1.86	(1.59 – 2.17)	6.67	(5.56 – 7.99)	7.16	(5.60 – 9.10)	0.13	(0.07 –
Massachusetts	2.06	(1.77 – 2.39)	7.74	(6.48 – 9.23)	8.17	(6.37 – 10.42)	0.16	(0.09 –
Michigan	2.06	(1.89 – 2.24)	6.78	(6.13 – 7.50)	7.66	(6.74 – 8.68)	0.14	(0.09 –
Minnesota	2.06	(1.77 – 2.39)	6.86	(5.73 – 8.20)	7.15	(5.55 – 9.15)	0.15	(0.09 –
Mississippi	1.43	(1.20 – 1.70)	4.55	(3.62 – 5.70)	5.33	(4.10 – 6.90)	0.09	(0.05 –
Missouri	2.02	(1.74 – 2.36)	7.10	(5.95 – 8.45)	7.26	(5.63 – 9.32)	0.14	(0.08 –
Montana	2.55	(2.19 – 2.96)	9.08	(7.71 – 10.67)	10.20	(8.00 – 12.91)	0.12	(0.07 –
Nebraska	1.76	(1.50 – 2.07)	6.63	(5.47 – 8.02)	5.99	(4.63 – 7.72)	0.11	(0.06 –
Nevada	2.02	(1.72 – 2.36)	8.42	(7.00 – 10.11)	6.08	(4.66 – 7.89)	0.15	(0.09 –
New Hampshire	2.58	(2.20 – 3.02)	8.82	(7.37 – 10.51)	11.14	(8.75 – 14.08)	0.16	(0.08 –
New Jersey	1.57	(1.34 – 1.83)	6.62	(5.49 – 7.97)	5.97	(4.60 – 7.72)	0.12	(0.07 –
New Mexico	2.35	(1.97 – 2.80)	8.26	(6.70 – 10.13)	10.49	(7.90 – 13.81)	0.14	(0.07 –
New York	1.88	(1.72 – 2.06)	6.85	(6.17 – 7.59)	8.02	(6.97 – 9.21)	0.12	(0.07 –
North Carolina	1.81	(1.56 – 2.10)	7.81	(6.53 – 9.32)	6.81	(5.34 – 8.65)	0.11	(0.06 –
North Dakota	1.97	(1.68 – 2.29)	6.96	(5.76 – 8.38)	8.45	(6.68 – 10.63)	0.09	(0.05 –
Ohio	1.86	(1.71 – 2.03)	6.62	(5.97 – 7.33)	7.30	(6.40 – 8.33)	0.12	(0.07 –
Oklahoma	1.79	(1.53 – 2.10)	6.33	(5.23 – 7.65)	6.67	(5.17 – 8.57)	0.10	(0.06 –
Oregon	1.95	(1.67 – 2.27)	6.94	(5.79 – 8.31)	7.53	(5.93 – 9.53)	0.14	(0.09 –
Pennsylvania	1.72	(1.58 – 1.87)	6.65	(6.01 – 7.36)	7.51	(6.58 – 8.55)	0.10	(0.06 –
Rhode Island	2.14	(1.81 – 2.53)	7.89	(6.54 – 9.49)	10.02	(7.65 – 13.02)	0.15	(0.08 –
South Carolina	1.85	(1.59 – 2.15)	6.56	(5.40 – 7.96)	8.05	(6.36 – 10.13)	0.10	(0.06 –
South Dakota	2.23	(1.94 – 2.57)	8.39	(7.02 – 9.98)	8.58	(6.81 – 10.76)	0.10	(0.05 –
Tennessee	1.38	(1.16 – 1.65)	5.09	(4.14 – 6.25)	5.50	(4.17 – 7.23)	0.10	(0.06 –
Texas	1.78	(1.62 – 1.95)	6.52	(5.86 – 7.25)	5.55	(4.78 – 6.44)	0.14	(0.08 –
Utah	1.77	(1.47 – 2.13)	4.50	(3.52 – 5.72)	5.26	(4.00 – 6.89)	0.13	(0.06 –
Vermont	2.70	(2.32 – 3.14)	10.35	(8.76 – 12.19)	10.44	(8.04 – 13.46)	0.15	(0.08 –
Virginia	1.93	(1.67 – 2.24)	7.34	(6.09 – 8.82)	7.50	(5.95 – 9.40)	0.12	(0.07 –
Washington	2.07	(1.76 – 2.42)	7.14	(5.88 – 8.66)	7.11	(5.46 – 9.21)	0.16	(0.09 –
West Virginia	1.53	(1.32 – 1.77)	7.29	(6.12 – 8.66)	6.27	(4.87 – 8.04)	0.09	(0.05 –
Wisconsin	2.06	(1.76 – 2.41)	7.17	(5.95 – 8.60)	8.25	(6.56 – 10.34)	0.12	(0.07 –
Wyoming	1.92	(1.63 – 2.25)	6.44	(5.31 – 7.78)	7.06	(5.48 – 9.07)	0.12	(0.07 –

NOTE: Average Annual Rate =  $\{(\text{Number of Marijuana Initiates in past 24 months}) / [(\text{Number of Marijuana Initiates in past 24 months} * 0.5) + \text{Number of who never used Marijuana}]\} / 2$ . Both the computation components, Number of Marijuana Initiates in past 24 months and Number of persons who never use Marijuana, are based on a survey-weighted hierarchical Bayes estimation approach. Note that the age group is based on a respondent's age at the time of the interview, not his or her age at first use.

NOTE: The prediction intervals presented above use a simultaneous solution for First Use of Marijuana and Never Used Marijuana outcomes, which had a specific random effects that were allowed to be correlated across the two outcomes. The associated Markov Chain Monte Carlo chains were used to calculate posterior variance.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated t



State	Total		AGE GROUP (Years)					
			12-17		18-25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Markov Chain Monte Carlo techniques.								
Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002 and 2003.								

41005

**Table B.6**  
*Any Illicit Drug Use Other Than Marijuana in Past Month, by Age Group and State: Percentages, Annual Averages Based on 2002 and 2003 NSDUHs*

State	Total		AGE GROUP (Years)					
			12-17		18-25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Total	3.73		5.70		8.17		2	
Alabama	3.72	(3.03 – 4.56)	5.36	(4.18 – 6.85)	8.06	(6.46 – 10.01)	2	
Alaska	4.00	(3.29 – 4.85)	5.39	(4.22 – 6.86)	8.51	(6.71 – 10.73)	2	
Arizona	4.66	(3.76 – 5.75)	7.22	(5.56 – 9.32)	8.98	(7.04 – 11.40)	3	
Arkansas	3.92	(3.22 – 4.77)	6.54	(5.18 – 8.23)	9.24	(7.33 – 11.58)	2	
California	3.94	(3.45 – 4.51)	5.79	(4.96 – 6.76)	7.02	(6.04 – 8.13)	3	
Colorado	4.67	(3.83 – 5.68)	6.47	(5.01 – 8.31)	9.80	(7.80 – 12.24)	3	
Connecticut	3.25	(2.61 – 4.06)	5.35	(4.11 – 6.94)	7.57	(5.92 – 9.63)	2	
Delaware	3.91	(3.23 – 4.74)	6.02	(4.71 – 7.67)	10.12	(8.07 – 12.62)	2	
District of Columbia	4.06	(3.19 – 5.17)	4.22	(3.15 – 5.62)	6.65	(5.03 – 8.75)	3	
Florida	3.70	(3.23 – 4.24)	5.17	(4.42 – 6.05)	8.41	(7.35 – 9.62)	2	
Georgia	3.97	(3.22 – 4.89)	5.54	(4.26 – 7.18)	8.05	(6.32 – 10.21)	3	
Hawaii	3.46	(2.69 – 4.43)	6.53	(4.97 – 8.53)	6.93	(5.21 – 9.16)	2	
Idaho	3.73	(3.04 – 4.57)	5.66	(4.38 – 7.27)	7.42	(5.78 – 9.49)	2	
Illinois	3.30	(2.88 – 3.77)	5.22	(4.46 – 6.10)	7.50	(6.52 – 8.63)	2	
Indiana	3.56	(2.94 – 4.30)	5.69	(4.40 – 7.32)	8.30	(6.60 – 10.39)	2	
Iowa	3.17	(2.50 – 4.00)	4.37	(3.21 – 5.90)	7.35	(5.62 – 9.55)	2	
Kansas	3.11	(2.44 – 3.94)	4.49	(3.30 – 6.09)	6.66	(5.14 – 8.59)	2	
Kentucky	4.38	(3.57 – 5.36)	6.67	(5.26 – 8.44)	9.83	(7.91 – 12.16)	3	
Louisiana	4.24	(3.51 – 5.12)	6.14	(4.82 – 7.79)	8.78	(7.05 – 10.89)	3	
Maine	3.82	(3.11 – 4.69)	5.36	(4.12 – 6.94)	10.00	(8.09 – 12.30)	2	
Maryland	3.44	(2.77 – 4.27)	4.87	(3.71 – 6.38)	7.66	(5.92 – 9.86)	2	
Massachusetts	3.63	(2.97 – 4.43)	6.40	(4.98 – 8.20)	10.20	(8.14 – 12.71)	2	
Michigan	3.62	(3.19 – 4.11)	6.44	(5.59 – 7.40)	7.76	(6.79 – 8.86)	2	
Minnesota	3.21	(2.59 – 3.97)	5.27	(4.06 – 6.82)	7.23	(5.57 – 9.33)	2	
Mississippi	3.60	(2.91 – 4.45)	6.26	(4.89 – 7.99)	7.39	(5.63 – 9.65)	2	
Missouri	4.16	(3.38 – 5.11)	5.40	(4.19 – 6.93)	8.91	(7.10 – 11.11)	3	
Montana	3.78	(3.08 – 4.62)	7.03	(5.58 – 8.82)	7.23	(5.63 – 9.24)	2	
Nebraska	3.44	(2.82 – 4.20)	5.94	(4.62 – 7.62)	8.20	(6.45 – 10.36)	2	
Nevada	4.47	(3.55 – 5.61)	5.12	(3.86 – 6.75)	9.35	(7.40 – 11.75)	3	
New Hampshire	4.05	(3.36 – 4.88)	6.20	(4.84 – 7.93)	11.72	(9.62 – 14.20)	2	

NOTE: Any Illicit Drug Other Than Marijuana includes cocaine (including crack), heroin, hallucinogens, inhalants, or any prescription-type nonmedically.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) interval.

State	Total		AGE GROUP (Years)					
			12–17		18–25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
New Jersey	3.40	(2.74 – 4.21)	5.15	(3.98 – 6.64)	9.12	(7.18 – 11.51)	2.36	(1.67 –
New Mexico	4.57	(3.64 – 5.72)	6.26	(4.74 – 8.23)	9.94	(7.68 – 12.77)	3.30	(2.30 –
New York	3.10	(2.68 – 3.58)	4.87	(4.11 – 5.76)	7.53	(6.52 – 8.69)	2.14	(1.66 –
North Carolina	3.96	(3.25 – 4.83)	6.90	(5.37 – 8.82)	8.28	(6.46 – 10.56)	2.85	(2.07 –
North Dakota	3.30	(2.64 – 4.11)	5.76	(4.42 – 7.48)	6.93	(5.33 – 8.96)	2.19	(1.52 –
Ohio	3.44	(3.01 – 3.92)	5.27	(4.52 – 6.13)	7.87	(6.87 – 9.00)	2.42	(1.95 –
Oklahoma	4.41	(3.60 – 5.40)	6.33	(4.86 – 8.22)	10.88	(8.70 – 13.53)	2.89	(2.04 –
Oregon	4.29	(3.49 – 5.26)	5.55	(4.33 – 7.09)	9.38	(7.58 – 11.55)	3.26	(2.37 –
Pennsylvania	3.44	(3.03 – 3.92)	5.51	(4.75 – 6.39)	8.04	(7.05 – 9.15)	2.43	(1.96 –
Rhode Island	4.64	(3.80 – 5.64)	5.50	(4.14 – 7.28)	13.37	(10.81 – 16.42)	2.94	(2.09 –
South Carolina	3.58	(2.90 – 4.42)	5.30	(4.09 – 6.82)	8.73	(6.97 – 10.89)	2.44	(1.71 –
South Dakota	3.29	(2.67 – 4.07)	6.38	(4.95 – 8.18)	7.81	(5.99 – 10.11)	1.95	(1.34 –
Tennessee	3.64	(2.92 – 4.54)	5.46	(4.18 – 7.09)	7.40	(5.67 – 9.61)	2.78	(2.00 –
Texas	3.89	(3.46 – 4.38)	6.19	(5.33 – 7.17)	8.33	(7.28 – 9.52)	2.66	(2.15 –
Utah	3.74	(3.05 – 4.58)	5.35	(4.09 – 6.96)	7.30	(5.67 – 9.33)	2.39	(1.68 –
Vermont	3.87	(3.18 – 4.71)	6.78	(5.38 – 8.51)	9.22	(7.35 – 11.51)	2.56	(1.84 –
Virginia	3.54	(2.86 – 4.37)	5.83	(4.48 – 7.56)	7.95	(6.23 – 10.09)	2.51	(1.79 –
Washington	4.22	(3.47 – 5.13)	6.12	(4.77 – 7.81)	9.77	(7.79 – 12.18)	3.01	(2.22 –
West Virginia	3.51	(2.85 – 4.31)	6.07	(4.69 – 7.83)	8.09	(6.40 – 10.17)	2.48	(1.78 –
Wisconsin	3.63	(2.93 – 4.49)	5.59	(4.32 – 7.21)	8.23	(6.48 – 10.39)	2.54	(1.80 –
Wyoming	3.67	(2.96 – 4.53)	5.12	(3.97 – 6.58)	8.14	(6.34 – 10.38)	2.61	(1.86 –

NOTE: Any Illicit Drug Other Than Marijuana includes cocaine (including crack), heroin, hallucinogens, inhalants, or any prescription-type psychotherapeutic nonmedically.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002 and 2003.

41005

**Table B.7**  
**Cocaine Use**  
**in Past Year,**  
**by Age**  
**Group and**  
**State:**  
**Percentages,**  
**Annual**  
**Averages**  
**Based on**  
**2002 and**  
**2003**  
**NSDUHs**

State	Total		AGE GROUP (Years)					
			12–17		18–25		Estimate	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval		
Total	2.50		1.90		6.67		1	
Alabama	2.25	(1.72 – 2.93)	1.66	(1.13 – 2.41)	5.49	(4.23 – 7.09)	1	
Alaska	2.40	(1.80 – 3.20)	2.44	(1.64 – 3.61)	8.37	(6.51 – 10.70)	1	
Arizona	3.45	(2.66 – 4.46)	3.24	(2.22 – 4.71)	8.53	(6.72 – 10.78)	2	
Arkansas	2.17	(1.66 – 2.83)	1.86	(1.27 – 2.73)	6.05	(4.58 – 7.95)	1	
California	2.54	(2.16 – 2.98)	1.70	(1.31 – 2.21)	6.61	(5.65 – 7.71)	1	
Colorado	3.90	(3.04 – 4.99)	2.64	(1.83 – 3.81)	10.29	(8.22 – 12.81)	2	
Connecticut	2.13	(1.60 – 2.82)	1.82	(1.21 – 2.72)	7.02	(5.45 – 9.01)	1	

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

State	Total		AGE GROUP (Years)					
			12–17		18–25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Delaware	2.76	(2.15 – 3.54)	1.61	(1.11 – 2.33)	7.38	(5.70 – 9.50)	2.12	(1.48 –
District of Columbia	3.58	(2.59 – 4.92)	0.65	(0.39 – 1.07)	4.55	(3.31 – 6.22)	3.65	(2.47 –
Florida	2.53	(2.15 – 2.99)	1.94	(1.52 – 2.47)	6.83	(5.86 – 7.95)	1.99	(1.56 –
Georgia	2.47	(1.86 – 3.28)	1.68	(1.11 – 2.52)	5.26	(3.90 – 7.06)	2.08	(1.42 –
Hawaii	1.76	(1.30 – 2.37)	1.70	(1.08 – 2.67)	5.52	(4.11 – 7.37)	1.17	(0.73 –
Idaho	1.64	(1.22 – 2.21)	1.80	(1.17 – 2.76)	5.03	(3.70 – 6.79)	0.92	(0.54 –
Illinois	2.44	(2.06 – 2.88)	1.67	(1.31 – 2.14)	6.53	(5.66 – 7.52)	1.82	(1.40 –
Indiana	2.57	(1.99 – 3.32)	2.00	(1.34 – 2.97)	7.20	(5.64 – 9.14)	1.80	(1.22 –
Iowa	2.23	(1.73 – 2.86)	2.18	(1.50 – 3.15)	6.43	(4.87 – 8.43)	1.44	(0.96 –
Kansas	2.21	(1.70 – 2.88)	1.80	(1.20 – 2.69)	6.31	(4.90 – 8.08)	1.48	(0.97 –
Kentucky	2.56	(2.00 – 3.29)	2.05	(1.41 – 2.96)	6.59	(5.13 – 8.41)	1.93	(1.34 –
Louisiana	2.78	(2.12 – 3.62)	1.65	(1.14 – 2.40)	5.38	(4.11 – 7.01)	2.42	(1.68 –
Maine	2.30	(1.79 – 2.96)	2.18	(1.51 – 3.15)	8.05	(6.34 – 10.15)	1.46	(0.95 –
Maryland	2.05	(1.50 – 2.78)	1.38	(0.90 – 2.10)	4.80	(3.55 – 6.46)	1.70	(1.10 –
Massachusetts	2.85	(2.21 – 3.66)	2.05	(1.44 – 2.93)	7.88	(6.13 – 10.08)	2.14	(1.48 –
Michigan	2.59	(2.20 – 3.05)	2.08	(1.65 – 2.61)	6.26	(5.44 – 7.21)	2.03	(1.58 –
Minnesota	2.51	(1.95 – 3.23)	2.35	(1.62 – 3.39)	7.47	(5.78 – 9.59)	1.64	(1.09 –
Mississippi	2.05	(1.46 – 2.88)	1.18	(0.75 – 1.85)	4.18	(3.05 – 5.70)	1.75	(1.09 –
Missouri	2.90	(2.25 – 3.73)	2.03	(1.44 – 2.87)	7.19	(5.68 – 9.05)	2.27	(1.57 –
Montana	2.48	(1.96 – 3.13)	2.51	(1.76 – 3.57)	7.30	(5.77 – 9.19)	1.62	(1.11 –
Nebraska	2.12	(1.62 – 2.76)	2.16	(1.46 – 3.20)	5.72	(4.31 – 7.56)	1.42	(0.93 –
Nevada	2.38	(1.82 – 3.10)	1.97	(1.33 – 2.91)	7.35	(5.70 – 9.42)	1.66	(1.10 –
New Hampshire	2.97	(2.32 – 3.80)	2.66	(1.83 – 3.86)	10.17	(8.18 – 12.58)	1.89	(1.26 –
New Jersey	2.25	(1.71 – 2.96)	1.78	(1.20 – 2.61)	6.49	(4.94 – 8.48)	1.71	(1.15 –
New Mexico	3.07	(2.39 – 3.94)	2.81	(1.84 – 4.25)	10.03	(7.83 – 12.78)	1.81	(1.17 –
New York	2.59	(2.18 – 3.07)	1.41	(1.05 – 1.89)	6.93	(5.96 – 8.03)	2.02	(1.55 –
North Carolina	2.43	(1.87 – 3.15)	1.92	(1.32 – 2.78)	6.42	(4.97 – 8.26)	1.83	(1.25 –
North Dakota	1.94	(1.50 – 2.50)	1.95	(1.33 – 2.87)	5.94	(4.54 – 7.73)	1.10	(0.71 –
Ohio	2.53	(2.16 – 2.97)	1.69	(1.32 – 2.17)	6.99	(6.08 – 8.03)	1.88	(1.46 –
Oklahoma	2.02	(1.51 – 2.68)	1.86	(1.24 – 2.77)	5.99	(4.50 – 7.94)	1.27	(0.80 –
Oregon	2.45	(1.89 – 3.17)	1.91	(1.30 – 2.79)	7.25	(5.63 – 9.28)	1.71	(1.14 –
Pennsylvania	2.37	(1.97 – 2.83)	1.49	(1.12 – 1.96)	6.62	(5.69 – 7.69)	1.79	(1.35 –
Rhode Island	3.79	(2.95 – 4.85)	2.10	(1.37 – 3.21)	12.05	(9.69 – 14.89)	2.50	(1.63 –
South Carolina	2.64	(2.03 – 3.44)	1.71	(1.16 – 2.51)	6.36	(4.90 – 8.21)	2.11	(1.45 –
South Dakota	1.89	(1.43 – 2.49)	2.41	(1.65 – 3.49)	5.49	(4.13 – 7.27)	1.10	(0.68 –
Tennessee	2.36	(1.80 – 3.08)	1.85	(1.27 – 2.69)	6.08	(4.57 – 8.04)	1.80	(1.22 –
Texas	2.44	(2.09 – 2.83)	2.58	(2.04 – 3.26)	6.66	(5.72 – 7.75)	1.58	(1.21 –
Utah	1.95	(1.45 – 2.63)	1.52	(0.96 – 2.39)	4.78	(3.53 – 6.44)	1.21	(0.72 –
Vermont	2.98	(2.35 – 3.79)	2.81	(1.99 – 3.94)	9.73	(7.70 – 12.22)	1.85	(1.24 –
Virginia	2.24	(1.70 – 2.95)	1.72	(1.15 – 2.56)	5.52	(4.24 – 7.15)	1.78	(1.21 –
Washington	2.11	(1.61 – 2.75)	1.77	(1.19 – 2.64)	7.15	(5.53 – 9.19)	1.29	(0.83 –
West Virginia	2.30	(1.78 – 2.97)	2.61	(1.81 – 3.74)	7.42	(5.80 – 9.45)	1.44	(0.95 –

State	Total		AGE GROUP (Years)					
			12–17		18–25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Wisconsin	2.45	(1.89 – 3.18)	1.98	(1.35 – 2.91)	6.62	(5.12 – 8.52)	1.77	(1.21 –
Wyoming	2.21	(1.71 – 2.87)	1.80	(1.21 – 2.68)	7.60	(5.84 – 9.83)	1.25	(0.81 –

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002 and 2003.

41005

**Table B.8**  
*Alcohol Use in Past Month, by Age Group and State: Percentages, Annual Averages Based on 2002 and 2003 NSDUHs*

State	Total		AGE GROUP (Years)					
			12–17		18–25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Total	50.50		17.67		60.91		53.77	
Alabama	36.83	(33.76 – 40.00)	15.00	(12.74 – 17.58)	50.96	(47.15 – 54.75)	37.10	(34.10 – 40.10)
Alaska	50.89	(47.58 – 54.19)	15.90	(13.53 – 18.59)	59.83	(55.79 – 63.75)	55.00	(51.00 – 59.00)
Arizona	50.20	(46.62 – 53.77)	18.69	(15.91 – 21.82)	58.45	(54.44 – 62.36)	53.00	(49.00 – 57.00)
Arkansas	38.93	(35.86 – 42.08)	16.71	(14.24 – 19.50)	53.79	(49.66 – 57.87)	39.00	(35.00 – 43.00)
California	50.97	(49.22 – 52.72)	15.28	(13.89 – 16.77)	55.53	(53.38 – 57.66)	55.00	(52.00 – 58.00)
Colorado	59.22	(56.15 – 62.23)	20.63	(17.77 – 23.83)	68.89	(65.10 – 72.45)	62.00	(58.00 – 66.00)
Connecticut	57.93	(54.53 – 61.26)	18.88	(16.26 – 21.81)	72.28	(68.78 – 75.52)	61.00	(57.00 – 65.00)
Delaware	53.06	(49.85 – 56.24)	18.35	(15.85 – 21.14)	62.71	(58.89 – 66.38)	55.00	(51.00 – 59.00)
District of Columbia	56.69	(53.19 – 60.14)	13.02	(10.76 – 15.66)	67.17	(63.18 – 70.92)	58.00	(54.00 – 62.00)
Florida	52.44	(50.73 – 54.14)	17.35	(15.88 – 18.92)	59.66	(57.47 – 61.81)	55.00	(52.00 – 58.00)
Georgia	46.07	(42.99 – 49.17)	15.09	(12.82 – 17.67)	52.19	(48.12 – 56.22)	49.00	(45.00 – 53.00)
Hawaii	48.71	(45.29 – 52.15)	17.96	(15.20 – 21.10)	58.57	(54.41 – 62.62)	51.00	(47.00 – 55.00)
Idaho	47.70	(44.58 – 50.84)	17.37	(14.80 – 20.28)	53.62	(49.57 – 57.62)	51.00	(47.00 – 55.00)
Illinois	51.71	(49.98 – 53.44)	18.65	(17.20 – 20.20)	64.16	(62.14 – 66.14)	54.00	(51.00 – 57.00)
Indiana	46.60	(43.39 – 49.85)	16.04	(13.66 – 18.73)	61.78	(57.97 – 65.45)	48.00	(44.00 – 52.00)
Iowa	55.37	(52.11 – 58.57)	20.18	(17.50 – 23.16)	67.28	(63.39 – 70.94)	57.00	(53.00 – 61.00)
Kansas	48.92	(45.61 – 52.24)	19.41	(16.68 – 22.47)	65.89	(62.20 – 69.40)	49.00	(45.00 – 53.00)
Kentucky	40.57	(37.44 – 43.78)	18.75	(16.18 – 21.63)	58.07	(54.22 – 61.83)	40.00	(36.00 – 44.00)
Louisiana	46.27	(43.27 – 49.29)	19.35	(16.69 – 22.33)	61.41	(57.67 – 65.02)	47.00	(43.00 – 51.00)
Maine	52.17	(48.83 – 55.48)	16.55	(14.07 – 19.36)	66.76	(63.01 – 70.31)	54.00	(50.00 – 58.00)
Maryland	54.67	(51.22 – 58.08)	17.14	(14.65 – 19.95)	64.21	(60.26 – 67.98)	58.00	(54.00 – 62.00)
Massachusetts	59.59	(56.32 – 62.78)	21.04	(18.40 – 23.96)	68.94	(65.08 – 72.56)	62.00	(58.00 – 66.00)
Michigan	53.78	(52.08 – 55.48)	19.23	(17.79 – 20.75)	66.30	(64.42 – 68.13)	56.00	(52.00 – 60.00)
Minnesota	58.45	(55.14 – 61.68)	19.54	(16.89 – 22.49)	70.68	(66.91 – 74.18)	61.00	(57.00 – 65.00)
Mississippi	35.54	(32.42 – 38.78)	14.72	(12.39 – 17.42)	50.24	(46.10 – 54.37)	35.00	(31.00 – 39.00)
Missouri	53.21	(49.91 – 56.48)	19.67	(17.09 – 22.52)	64.52	(60.82 – 68.05)	55.00	(51.00 – 59.00)
Montana	55.36	(52.03 – 58.65)	24.73	(21.74 – 27.98)	69.29	(65.56 – 72.80)	57.00	(53.00 – 61.00)
Nebraska	53.98	(50.60 – 57.32)	22.24	(19.36 – 25.42)	68.38	(64.64 – 71.90)	55.00	(51.00 – 59.00)

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

State	Total		AGE GROUP (Years)					
			12–17		18–25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Pre Inter
Nevada	50.68	(47.26 – 54.10)	18.40	(15.73 – 21.39)	56.37	(52.47 – 60.20)	54.12	(49.91 –
New Hampshire	59.80	(56.45 – 63.05)	21.44	(18.60 – 24.58)	71.78	(68.28 – 75.03)	63.20	(59.02 –
New Jersey	57.73	(54.41 – 60.98)	18.77	(16.17 – 21.69)	65.06	(61.05 – 68.88)	61.72	(57.67 –
New Mexico	47.83	(44.32 – 51.37)	20.67	(17.53 – 24.21)	60.78	(56.66 – 64.75)	49.67	(45.25 –
New York	54.71	(52.84 – 56.56)	19.49	(17.96 – 21.13)	64.34	(62.15 – 66.47)	57.59	(55.29 –
North Carolina	40.59	(37.28 – 43.98)	16.12	(13.68 – 18.91)	56.43	(52.49 – 60.30)	41.18	(37.07 –
North Dakota	58.04	(54.77 – 61.24)	25.23	(22.07 – 28.67)	73.06	(69.32 – 76.49)	59.42	(55.32 –
Ohio	51.81	(49.99 – 53.62)	17.52	(16.11 – 19.03)	65.40	(63.40 – 67.35)	54.20	(51.90 –
Oklahoma	42.94	(39.48 – 46.46)	16.04	(13.58 – 18.85)	58.23	(54.18 – 62.17)	43.81	(39.46 –
Oregon	53.14	(49.80 – 56.45)	17.07	(14.50 – 19.99)	65.32	(61.47 – 68.97)	55.79	(51.65 –
Pennsylvania	51.10	(49.29 – 52.92)	18.06	(16.64 – 19.57)	64.85	(62.76 – 66.88)	53.14	(50.87 –
Rhode Island	58.96	(55.43 – 62.40)	22.12	(19.16 – 25.40)	76.07	(72.51 – 79.31)	60.38	(55.95 –
South Carolina	45.07	(41.80 – 48.38)	14.36	(12.08 – 16.99)	61.10	(57.16 – 64.89)	46.35	(42.29 –
South Dakota	55.18	(52.06 – 58.25)	22.07	(19.12 – 25.34)	71.49	(67.86 – 74.87)	56.98	(53.03 –
Tennessee	36.27	(33.23 – 39.42)	13.27	(11.08 – 15.80)	46.50	(42.25 – 50.80)	37.48	(33.78 –
Texas	47.27	(45.64 – 48.91)	17.56	(16.14 – 19.09)	57.99	(55.89 – 60.05)	49.86	(47.77 –
Utah	29.57	(26.53 – 32.80)	10.23	(7.93 – 13.10)	35.74	(31.64 – 40.06)	31.40	(27.32 –
Vermont	58.43	(55.10 – 61.68)	22.00	(19.29 – 24.98)	73.45	(69.87 – 76.75)	60.69	(56.52 –
Virginia	51.17	(47.87 – 54.47)	18.40	(15.78 – 21.36)	61.25	(57.52 – 64.86)	53.91	(49.82 –
Washington	56.31	(53.06 – 59.50)	18.15	(15.54 – 21.10)	63.66	(59.93 – 67.23)	60.33	(56.28 –
West Virginia	37.20	(34.09 – 40.41)	18.28	(15.76 – 21.09)	53.18	(49.41 – 56.91)	36.81	(33.02 –
Wisconsin	57.92	(54.70 – 61.06)	21.39	(18.66 – 24.41)	72.05	(68.39 – 75.44)	60.48	(56.47 –
Wyoming	52.14	(48.69 – 55.56)	18.30	(15.80 – 21.10)	66.48	(62.65 – 70.10)	54.35	(49.98 –

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002 and 2003.

41005

**Table B.9**  
*Binge Alcohol Use in Past Month, by Age Group and State: Percentages, Annual Averages Based on 2002 and 2003 NSDUHs*

State	Total		AGE GROUP (Years)					
			12–17		18–25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval		Estimate
Total	22.75		10.65		41.25		21.00	
Alabama	18.10	(15.92 – 20.51)	8.23	(6.65 – 10.14)	34.97	(31.54 – 38.56)	16.00	
Alaska	23.13	(20.76 – 25.68)	11.42	(9.55 – 13.61)	41.22	(37.54 – 45.00)	22.00	
Arizona	24.32	(21.85 – 26.98)	11.94	(9.82 – 14.44)	41.43	(37.57 – 45.41)	23.00	
Arkansas	21.76	(19.48 – 24.22)	11.31	(9.39 – 13.57)	39.76	(35.91 – 43.73)	19.00	
California	21.25	(19.96 – 22.61)	9.16	(8.09 – 10.36)	35.41	(33.32 – 37.56)	20.00	
Colorado	25.75	(23.27 – 28.39)	11.04	(9.17 – 13.22)	46.73	(42.82 – 50.68)	24.00	

NOTE: Binge Alcohol Use is defined as drinking five or more drinks on the same occasion (i.e., at the same time or within a couple of hours) at least 1 day in the past 30 days.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

State	Total		AGE GROUP (Years)					
			12–17		18–25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Pre Inter
Connecticut	23.09	(20.61 – 25.78)	11.18	(9.10 – 13.66)	48.14	(44.30 – 52.00)	21.04	(18.10 –
Delaware	23.71	(21.43 – 26.14)	10.46	(8.56 – 12.72)	42.89	(39.14 – 46.72)	22.12	(19.41 –
District of Columbia	25.34	(22.62 – 28.26)	5.62	(4.29 – 7.34)	39.25	(35.28 – 43.37)	24.35	(21.13 –
Florida	21.74	(20.41 – 23.13)	9.50	(8.40 – 10.73)	39.02	(36.94 – 41.14)	20.76	(19.16 –
Georgia	20.73	(18.53 – 23.12)	8.20	(6.72 – 9.97)	33.73	(29.88 – 37.81)	20.17	(17.55 –
Hawaii	23.68	(21.10 – 26.46)	11.93	(9.71 – 14.58)	41.12	(36.94 – 45.43)	22.47	(19.38 –
Idaho	21.05	(18.76 – 23.54)	11.57	(9.56 – 13.95)	36.12	(32.37 – 40.05)	19.45	(16.66 –
Illinois	25.17	(23.78 – 26.61)	11.70	(10.55 – 12.95)	46.77	(44.79 – 48.76)	23.22	(21.48 –
Indiana	22.27	(20.09 – 24.61)	9.82	(8.13 – 11.81)	45.11	(41.45 – 48.83)	19.83	(17.18 –
Iowa	26.34	(23.86 – 28.98)	13.85	(11.69 – 16.34)	48.87	(44.84 – 52.91)	23.72	(20.72 –
Kansas	21.71	(19.46 – 24.14)	11.56	(9.45 – 14.07)	45.26	(41.44 – 49.14)	18.63	(15.91 –
Kentucky	19.24	(17.15 – 21.52)	11.08	(9.19 – 13.29)	38.83	(35.06 – 42.74)	16.86	(14.40 –
Louisiana	23.77	(21.50 – 26.20)	10.87	(9.01 – 13.05)	40.36	(36.81 – 44.01)	22.39	(19.60 –
Maine	21.74	(19.54 – 24.12)	11.12	(9.19 – 13.40)	44.67	(40.86 – 48.55)	19.64	(17.05 –
Maryland	21.65	(19.27 – 24.24)	9.43	(7.74 – 11.46)	39.77	(35.91 – 43.75)	20.48	(17.66 –
Massachusetts	27.22	(24.56 – 30.06)	14.19	(11.85 – 16.91)	46.98	(42.84 – 51.17)	25.64	(22.49 –
Michigan	24.46	(23.16 – 25.80)	12.06	(10.91 – 13.30)	44.49	(42.59 – 46.41)	22.75	(21.11 –
Minnesota	28.07	(25.54 – 30.76)	13.27	(11.16 – 15.70)	49.84	(45.79 – 53.88)	26.22	(23.18 –
Mississippi	19.70	(17.51 – 22.10)	8.52	(6.89 – 10.50)	32.24	(28.55 – 36.17)	18.86	(16.17 –
Missouri	24.56	(22.20 – 27.09)	12.61	(10.59 – 14.95)	43.89	(40.23 – 47.61)	22.80	(19.96 –
Montana	27.41	(24.83 – 30.16)	17.85	(15.24 – 20.79)	50.83	(47.08 – 54.57)	24.58	(21.41 –
Nebraska	26.26	(23.83 – 28.85)	14.30	(12.00 – 16.97)	49.83	(45.93 – 53.73)	23.44	(20.50 –
Nevada	20.87	(18.37 – 23.60)	10.90	(8.97 – 13.19)	33.81	(30.10 – 37.72)	20.17	(17.16 –
New Hampshire	24.02	(21.62 – 26.60)	13.29	(11.09 – 15.85)	49.11	(45.19 – 53.04)	21.59	(18.74 –
New Jersey	21.74	(19.41 – 24.26)	10.11	(8.27 – 12.30)	41.95	(38.14 – 45.87)	20.36	(17.63 –
New Mexico	24.00	(21.43 – 26.77)	14.04	(11.55 – 16.96)	41.39	(37.20 – 45.70)	22.31	(19.22 –
New York	24.27	(22.80 – 25.79)	10.71	(9.57 – 11.98)	42.55	(40.42 – 44.70)	22.96	(21.14 –
North Carolina	19.31	(17.11 – 21.71)	10.02	(8.19 – 12.19)	38.03	(34.26 – 41.95)	17.40	(14.83 –
North Dakota	31.37	(28.69 – 34.18)	16.58	(14.08 – 19.43)	55.15	(50.97 – 59.26)	28.43	(25.14 –
Ohio	24.40	(23.13 – 25.72)	11.31	(10.22 – 12.50)	45.99	(44.01 – 47.98)	22.50	(20.90 –
Oklahoma	19.01	(16.84 – 21.39)	10.70	(8.76 – 13.00)	37.98	(33.99 – 42.13)	16.53	(13.99 –
Oregon	20.52	(18.29 – 22.94)	10.70	(8.80 – 12.95)	40.58	(36.75 – 44.53)	18.40	(15.78 –
Pennsylvania	22.83	(21.53 – 24.18)	11.24	(10.12 – 12.48)	45.96	(43.88 – 48.04)	20.59	(19.00 –
Rhode Island	26.97	(24.22 – 29.90)	12.73	(10.50 – 15.36)	55.31	(51.10 – 59.45)	23.56	(20.25 –
South Carolina	22.54	(20.21 – 25.05)	8.80	(7.09 – 10.86)	42.03	(38.27 – 45.89)	20.93	(18.13 –
South Dakota	28.13	(25.64 – 30.77)	15.85	(13.36 – 18.71)	54.15	(50.14 – 58.10)	24.89	(21.84 –
Tennessee	16.55	(14.45 – 18.89)	8.39	(6.72 – 10.44)	29.89	(25.92 – 34.19)	15.34	(12.91 –
Texas	23.90	(22.65 – 25.20)	9.84	(8.72 – 11.09)	40.02	(38.13 – 41.94)	22.96	(21.35 –
Utah	15.86	(13.77 – 18.20)	7.86	(6.15 – 10.00)	24.95	(21.51 – 28.74)	14.70	(12.05 –
Vermont	25.51	(22.99 – 28.20)	14.70	(12.50 – 17.21)	49.19	(45.15 – 53.24)	22.87	(19.87 –
Virginia	20.51	(18.16 – 23.09)	10.70	(8.82 – 12.91)	40.44	(36.66 – 44.34)	18.58	(15.77 –
Washington	20.94	(18.70 – 23.37)	11.06	(9.11 – 13.38)	41.67	(37.94 – 45.49)	18.76	(16.11 –

State	Total		AGE GROUP (Years)					
			12–17		18–25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
West Virginia	19.33	(17.19 – 21.67)	13.11	(10.86 – 15.76)	38.11	(34.37 – 42.01)	17.02	(14.54 – 19.50)
Wisconsin	28.98	(26.38 – 31.73)	13.48	(11.32 – 15.97)	54.87	(50.91 – 58.77)	26.50	(23.36 – 29.64)
Wyoming	24.93	(22.54 – 27.49)	12.94	(10.73 – 15.52)	49.68	(45.71 – 53.67)	21.98	(19.09 – 24.87)

NOTE: Binge Alcohol Use is defined as drinking five or more drinks on the same occasion (i.e., at the same time or within a couple of hours of each other) least 1 day in the past 30 days.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002 and 2003.

41005

State	Total		AGE GROUP (Years)					
			12–17		18–25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Total	42.04		38.36		32.56		44.00	
Alabama	46.19	(43.07 – 49.35)	42.74	(39.29 – 46.25)	37.64	(34.25 – 41.15)	48.00	(44.50 – 51.50)
Alaska	40.78	(37.65 – 43.98)	35.13	(31.83 – 38.57)	29.24	(26.04 – 32.67)	43.00	(39.50 – 46.50)
Arizona	39.54	(36.21 – 42.97)	36.77	(33.15 – 40.54)	33.66	(30.20 – 37.31)	41.00	(37.50 – 44.50)
Arkansas	43.34	(40.24 – 46.49)	41.25	(37.86 – 44.72)	35.99	(32.38 – 39.77)	44.00	(40.50 – 47.50)
California	45.47	(43.76 – 47.19)	38.79	(36.83 – 40.78)	37.05	(34.99 – 39.16)	48.00	(44.50 – 51.50)
Colorado	38.39	(35.22 – 41.66)	32.48	(29.15 – 35.99)	28.41	(25.16 – 31.91)	40.00	(36.50 – 43.50)
Connecticut	39.85	(36.57 – 43.22)	36.18	(32.90 – 39.59)	27.52	(24.42 – 30.85)	42.00	(38.50 – 45.50)
Delaware	39.62	(36.64 – 42.69)	39.63	(36.13 – 43.24)	29.37	(26.08 – 32.88)	41.00	(37.50 – 44.50)
District of Columbia	45.47	(42.12 – 48.86)	43.87	(40.27 – 47.54)	37.24	(33.45 – 41.19)	47.00	(43.50 – 50.50)
Florida	44.38	(42.65 – 46.13)	40.02	(38.08 – 41.99)	37.54	(35.60 – 39.53)	45.00	(41.50 – 48.50)
Georgia	47.12	(43.92 – 50.34)	42.61	(39.09 – 46.21)	38.37	(34.77 – 42.09)	49.00	(45.50 – 52.50)
Hawaii	39.86	(36.56 – 43.24)	38.93	(35.35 – 42.63)	32.94	(29.28 – 36.82)	41.00	(37.50 – 44.50)
Idaho	39.96	(37.11 – 42.88)	37.53	(34.20 – 40.99)	30.42	(27.19 – 33.85)	42.00	(38.50 – 45.50)
Illinois	40.66	(38.94 – 42.41)	38.28	(36.37 – 40.22)	31.51	(29.71 – 33.37)	42.00	(38.50 – 45.50)
Indiana	42.73	(39.70 – 45.82)	40.32	(36.92 – 43.83)	30.82	(27.64 – 34.18)	45.00	(41.50 – 48.50)
Iowa	34.19	(31.15 – 37.36)	31.78	(28.42 – 35.34)	25.92	(22.75 – 29.37)	36.00	(32.50 – 39.50)
Kansas	40.70	(37.57 – 43.90)	38.43	(35.01 – 41.97)	28.12	(25.00 – 31.46)	43.00	(39.50 – 46.50)
Kentucky	42.34	(39.29 – 45.46)	39.08	(35.61 – 42.67)	33.87	(30.51 – 37.41)	44.00	(40.50 – 47.50)
Louisiana	43.83	(40.92 – 46.78)	39.89	(36.60 – 43.29)	35.50	(32.19 – 38.95)	46.00	(42.50 – 49.50)
Maine	36.26	(33.24 – 39.40)	32.80	(29.55 – 36.21)	24.59	(21.75 – 27.66)	38.00	(34.50 – 41.50)
Maryland	41.88	(38.58 – 45.26)	38.85	(35.35 – 42.48)	35.09	(31.59 – 38.76)	43.00	(39.50 – 46.50)
Massachusetts	34.67	(31.61 – 37.86)	34.03	(30.73 – 37.50)	24.06	(20.97 – 27.45)	36.00	(32.50 – 39.50)
Michigan	39.74	(38.10 – 41.39)	38.10	(36.23 – 40.01)	29.27	(27.67 – 30.94)	41.00	(37.50 – 44.50)
Minnesota	36.35	(33.34 – 39.47)	36.49	(33.16 – 39.95)	24.65	(21.68 – 27.89)	38.00	(34.50 – 41.50)
Mississippi	49.91	(46.61 – 53.22)	44.09	(40.38 – 47.87)	41.78	(37.91 – 45.76)	52.00	(48.50 – 55.50)

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

State	Total		AGE GROUP (Years)					
			12-17		18-25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Missouri	38.35	(35.45 – 41.34)	36.71	(33.64 – 39.90)	28.92	(25.88 – 32.15)	40.25	(36.60 – 43.90)
Montana	36.33	(33.32 – 39.44)	31.95	(28.87 – 35.19)	24.62	(21.66 – 27.84)	39.04	(35.24 – 42.84)
Nebraska	37.99	(35.00 – 41.07)	35.97	(32.54 – 39.54)	25.27	(22.27 – 28.53)	40.73	(36.94 – 44.52)
Nevada	41.75	(38.46 – 45.12)	38.57	(35.05 – 42.22)	35.01	(31.61 – 38.57)	43.24	(39.18 – 47.30)
New Hampshire	33.32	(30.15 – 36.64)	27.98	(24.75 – 31.46)	20.30	(17.70 – 23.18)	36.08	(32.11 – 39.95)
New Jersey	44.79	(41.54 – 48.09)	38.38	(34.93 – 41.96)	34.09	(30.62 – 37.73)	47.14	(43.14 – 51.14)
New Mexico	47.07	(43.68 – 50.48)	40.01	(36.16 – 44.00)	37.35	(33.57 – 41.30)	49.98	(45.61 – 54.35)
New York	41.50	(39.76 – 43.27)	39.15	(37.13 – 41.20)	31.25	(29.36 – 33.21)	43.50	(41.32 – 45.68)
North Carolina	45.72	(42.51 – 48.97)	39.55	(36.06 – 43.16)	33.43	(30.08 – 36.95)	48.60	(44.56 – 52.64)
North Dakota	33.65	(30.65 – 36.79)	32.51	(29.21 – 36.00)	23.09	(20.11 – 26.37)	36.02	(32.18 – 39.86)
Ohio	37.72	(36.12 – 39.35)	37.89	(36.00 – 39.82)	28.46	(26.79 – 30.19)	39.29	(37.23 – 41.35)
Oklahoma	43.77	(40.37 – 47.23)	37.84	(34.33 – 41.49)	31.48	(27.92 – 35.27)	46.98	(42.62 – 51.34)
Oregon	39.88	(36.73 – 43.12)	36.22	(32.87 – 39.71)	29.13	(25.97 – 32.50)	42.18	(38.32 – 46.04)
Pennsylvania	37.29	(35.58 – 39.04)	35.40	(33.57 – 37.28)	26.27	(24.61 – 28.00)	39.32	(37.15 – 41.49)
Rhode Island	36.25	(32.86 – 39.78)	34.95	(31.52 – 38.54)	27.75	(24.54 – 31.20)	37.96	(33.75 – 42.17)
South Carolina	45.48	(42.06 – 48.94)	42.76	(39.32 – 46.27)	32.65	(29.32 – 36.17)	48.11	(43.78 – 52.44)
South Dakota	35.95	(32.84 – 39.18)	33.49	(30.16 – 36.99)	23.15	(20.24 – 26.35)	38.83	(34.83 – 42.83)
Tennessee	45.42	(42.22 – 48.66)	41.10	(37.44 – 44.85)	34.76	(31.03 – 38.68)	47.77	(43.82 – 51.72)
Texas	44.61	(43.06 – 46.18)	38.81	(36.91 – 40.75)	37.33	(35.36 – 39.35)	46.96	(44.94 – 48.98)
Utah	50.94	(47.56 – 54.32)	47.56	(43.67 – 51.47)	40.56	(36.71 – 44.53)	54.64	(49.94 – 59.34)
Vermont	37.08	(34.07 – 40.20)	30.43	(27.34 – 33.70)	22.04	(19.20 – 25.18)	40.56	(36.78 – 44.34)
Virginia	42.20	(38.83 – 45.64)	40.32	(36.77 – 43.96)	31.25	(28.10 – 34.59)	44.23	(40.05 – 48.41)
Washington	39.20	(36.02 – 42.48)	35.22	(31.75 – 38.86)	27.05	(24.06 – 30.27)	41.83	(37.87 – 45.79)
West Virginia	42.90	(39.67 – 46.18)	34.10	(30.77 – 37.60)	33.85	(30.42 – 37.46)	45.37	(41.40 – 49.34)
Wisconsin	36.57	(33.62 – 39.63)	34.07	(30.68 – 37.64)	25.07	(22.07 – 28.34)	38.99	(35.28 – 42.70)
Wyoming	37.38	(34.31 – 40.55)	35.00	(31.69 – 38.47)	22.86	(19.96 – 26.04)	40.48	(36.57 – 44.39)

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002 and 2003.

41005

**Table B.11**  
*Any Tobacco Product Use in Past Month, by Age Group and State: Percentages, Annual Averages Based on 2002 and*

State	Total		AGE GROUP (Years)					
			12-17		18-25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval		Estimate
Total	30.09		14.83		45.02		29.88	
Alabama	33.02	(30.13 – 36.04)	16.66	(14.24 – 19.39)	45.20	(41.65 – 48.80)	33.02	
Alaska	30.73	(27.97 – 33.65)	16.39	(13.96 – 19.16)	48.43	(44.68 – 52.19)	30.73	
Arizona	30.45	(27.45 – 33.63)	15.11	(12.51 – 18.13)	39.80	(35.69 – 44.06)	31.11	

NOTE: Any Tobacco product includes cigarettes, smokeless tobacco (i.e., chewing tobacco or snuff), cigars, or pipe tobacco.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.



State	Total		AGE GROUP (Years)					
			12–17		18–25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Pre Inter
Arkansas	39.35	(36.34 – 42.44)	19.57	(16.79 – 22.69)	55.88	(52.01 – 59.69)	39.12	(35.36 –
California	22.45	(21.05 – 23.92)	9.22	(8.08 – 10.52)	35.14	(33.19 – 37.13)	22.07	(20.28 –
Colorado	31.24	(28.52 – 34.09)	17.44	(14.70 – 20.58)	49.95	(46.08 – 53.83)	29.86	(26.54 –
Connecticut	27.06	(24.31 – 29.99)	15.19	(12.71 – 18.07)	46.14	(42.50 – 49.82)	25.86	(22.49 –
Delaware	29.52	(26.95 – 32.22)	16.30	(13.82 – 19.13)	46.47	(42.67 – 50.33)	28.32	(25.15 –
District of Columbia	29.21	(26.38 – 32.20)	9.53	(7.56 – 11.95)	37.39	(33.49 – 41.45)	29.34	(25.85 –
Florida	28.14	(26.66 – 29.68)	14.34	(12.91 – 15.89)	41.55	(39.48 – 43.66)	27.91	(26.10 –
Georgia	30.88	(28.21 – 33.68)	15.79	(13.39 – 18.53)	41.74	(37.75 – 45.85)	31.07	(27.77 –
Hawaii	24.62	(22.14 – 27.29)	12.33	(10.18 – 14.87)	36.59	(32.80 – 40.56)	24.37	(21.29 –
Idaho	28.09	(25.56 – 30.76)	14.70	(12.25 – 17.53)	43.08	(39.22 – 47.03)	27.13	(23.95 –
Illinois	30.91	(29.42 – 32.43)	14.97	(13.62 – 16.44)	46.68	(44.74 – 48.64)	30.33	(28.46 –
Indiana	33.09	(30.52 – 35.77)	16.84	(14.35 – 19.67)	49.30	(45.58 – 53.02)	32.42	(29.22 –
Iowa	30.88	(28.21 – 33.70)	16.34	(13.73 – 19.33)	48.67	(44.84 – 52.52)	29.44	(26.09 –
Kansas	31.24	(28.52 – 34.09)	15.57	(12.93 – 18.63)	45.68	(42.00 – 49.41)	30.73	(27.26 –
Kentucky	39.78	(36.79 – 42.84)	23.18	(20.23 – 26.41)	58.88	(55.05 – 62.61)	38.54	(34.83 –
Louisiana	32.70	(30.01 – 35.52)	17.58	(15.02 – 20.47)	48.21	(44.54 – 51.91)	31.87	(28.44 –
Maine	31.33	(28.49 – 34.32)	13.55	(11.24 – 16.26)	50.44	(46.65 – 54.23)	30.69	(27.23 –
Maryland	27.13	(24.61 – 29.81)	12.70	(10.56 – 15.20)	42.05	(38.23 – 45.96)	26.76	(23.69 –
Massachusetts	26.09	(23.64 – 28.69)	14.37	(12.01 – 17.10)	42.53	(38.51 – 46.65)	24.88	(21.92 –
Michigan	32.56	(31.03 – 34.12)	15.89	(14.49 – 17.39)	47.64	(45.81 – 49.48)	32.32	(30.37 –
Minnesota	31.44	(28.72 – 34.29)	17.69	(15.15 – 20.56)	51.31	(47.43 – 55.18)	29.78	(26.43 –
Mississippi	35.49	(32.51 – 38.60)	16.57	(14.00 – 19.51)	47.77	(43.82 – 51.74)	35.87	(32.09 –
Missouri	36.69	(33.89 – 39.57)	21.01	(18.23 – 24.10)	51.76	(47.98 – 55.52)	36.19	(32.66 –
Montana	34.18	(31.40 – 37.07)	21.16	(18.37 – 24.25)	53.76	(50.09 – 57.39)	32.51	(29.00 –
Nebraska	30.59	(27.87 – 33.45)	18.86	(16.07 – 22.00)	48.81	(44.88 – 52.75)	28.76	(25.37 –
Nevada	34.99	(31.71 – 38.42)	15.31	(12.69 – 18.35)	42.38	(38.33 – 46.53)	36.47	(32.38 –
New Hampshire	31.71	(28.74 – 34.83)	16.82	(14.15 – 19.89)	50.33	(46.72 – 53.94)	30.86	(27.21 –
New Jersey	26.84	(24.15 – 29.71)	13.65	(11.27 – 16.44)	44.45	(40.54 – 48.42)	26.04	(22.78 –
New Mexico	29.03	(26.20 – 32.04)	15.37	(12.67 – 18.51)	45.26	(41.13 – 49.47)	28.14	(24.59 –
New York	28.82	(27.26 – 30.42)	12.78	(11.49 – 14.19)	43.64	(41.57 – 45.73)	28.40	(26.47 –
North Carolina	35.90	(32.94 – 38.96)	17.97	(15.30 – 20.98)	50.13	(46.23 – 54.04)	35.88	(32.23 –
North Dakota	32.51	(29.83 – 35.31)	20.88	(17.99 – 24.10)	49.74	(46.00 – 53.48)	30.50	(27.15 –
Ohio	36.03	(34.41 – 37.69)	17.27	(15.80 – 18.85)	51.79	(49.83 – 53.74)	35.91	(33.84 –
Oklahoma	35.86	(32.76 – 39.08)	17.60	(14.84 – 20.74)	52.96	(48.84 – 57.04)	35.16	(31.26 –
Oregon	30.19	(27.48 – 33.05)	14.42	(12.12 – 17.08)	46.63	(42.86 – 50.45)	29.46	(26.12 –
Pennsylvania	32.94	(31.36 – 34.55)	16.75	(15.33 – 18.27)	50.17	(48.22 – 52.12)	32.24	(30.26 –
Rhode Island	31.14	(28.16 – 34.28)	16.13	(13.44 – 19.23)	51.46	(47.49 – 55.41)	29.29	(25.67 –
South Carolina	31.92	(29.09 – 34.89)	15.52	(13.05 – 18.36)	48.06	(44.34 – 51.79)	31.27	(27.73 –
South Dakota	35.10	(32.33 – 37.98)	22.82	(19.73 – 26.24)	57.69	(53.84 – 61.46)	32.53	(28.99 –
Tennessee	33.84	(31.05 – 36.74)	17.17	(14.54 – 20.16)	46.30	(42.13 – 50.53)	33.86	(30.45 –
Texas	29.68	(28.24 – 31.16)	13.45	(12.12 – 14.91)	42.47	(40.52 – 44.45)	29.73	(27.85 –
Utah	19.67	(17.20 – 22.40)	8.43	(6.41 – 11.01)	25.46	(21.97 – 29.29)	20.09	(16.79 –

State	Total		AGE GROUP (Years)					
			12-17		18-25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Vermont	30.64	(27.91 – 33.51)	18.33	(15.66 – 21.34)	52.64	(48.79 – 56.46)	28.49	(25.14 – 31.84)
Virginia	29.73	(27.04 – 32.57)	15.40	(12.82 – 18.39)	47.83	(44.10 – 51.58)	28.70	(25.41 – 31.99)
Washington	26.76	(24.27 – 29.39)	13.22	(10.91 – 15.93)	45.81	(42.01 – 49.66)	25.37	(22.31 – 28.43)
West Virginia	37.22	(34.32 – 40.21)	21.34	(18.49 – 24.50)	54.26	(50.57 – 57.91)	36.30	(32.78 – 39.82)
Wisconsin	30.55	(27.83 – 33.42)	17.30	(14.71 – 20.24)	50.41	(46.66 – 54.17)	28.84	(25.44 – 32.24)
Wyoming	34.00	(31.18 – 36.93)	16.34	(13.74 – 19.33)	55.18	(51.16 – 59.14)	32.55	(29.01 – 36.09)

NOTE: Any Tobacco product includes cigarettes, smokeless tobacco (i.e., chewing tobacco or snuff), cigars, or pipe tobacco.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002 and 2003.

41005

**Table B.12**  
**Cigarette**  
**Use in Past**  
**Month, by**  
**Age Group**  
**and State:**  
**Percentages,**  
**Annual**  
**Averages**  
**Based on**  
**2002 and**  
**2003**  
**NSDUHs**

State	Total		AGE GROUP (Years)					
			12-17		18-25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Total	25.71	(23.12 – 28.49)	12.57	(11.07 – 15.79)	40.50	(35.62 – 42.98)	24.24	(22.31 – 26.17)
Alabama	26.43	(23.80 – 29.25)	13.69	(11.46 – 16.28)	39.24	(35.62 – 42.98)	25.37	(22.31 – 28.43)
Alaska	25.71	(23.12 – 28.49)	13.25	(11.07 – 15.79)	43.97	(40.13 – 47.90)	24.24	(22.31 – 26.17)
Arizona	27.51	(24.60 – 30.63)	12.84	(10.52 – 15.57)	38.85	(34.98 – 42.86)	27.04	(24.13 – 29.95)
Arkansas	32.84	(29.98 – 35.83)	16.05	(13.60 – 18.85)	50.97	(46.85 – 55.08)	31.18	(27.91 – 33.51)
California	19.36	(17.97 – 20.83)	7.48	(6.48 – 8.62)	31.77	(29.82 – 33.77)	18.33	(15.66 – 21.34)
Colorado	26.76	(24.22 – 29.47)	13.74	(11.45 – 16.41)	44.56	(40.55 – 48.64)	25.37	(22.31 – 28.43)
Connecticut	23.78	(21.21 – 26.55)	13.45	(11.08 – 16.23)	41.56	(37.82 – 45.40)	22.31	(19.39 – 25.23)
Delaware	26.09	(23.69 – 28.63)	14.07	(11.84 – 16.64)	42.69	(38.89 – 46.59)	24.24	(22.31 – 26.17)
District of Columbia	26.12	(23.36 – 29.08)	7.10	(5.60 – 8.95)	33.26	(29.57 – 37.18)	26.76	(24.27 – 29.39)
Florida	23.99	(22.63 – 25.40)	12.26	(11.02 – 13.62)	36.75	(34.77 – 38.78)	23.78	(21.21 – 26.55)
Georgia	25.80	(23.33 – 28.43)	12.83	(10.67 – 15.36)	35.48	(31.76 – 39.38)	25.37	(22.31 – 28.43)
Hawaii	21.97	(19.55 – 24.60)	8.78	(7.05 – 10.88)	34.32	(30.17 – 38.73)	21.97	(19.55 – 24.60)
Idaho	23.95	(21.61 – 26.45)	12.48	(10.34 – 14.99)	39.02	(35.01 – 43.17)	22.31	(19.39 – 25.23)
Illinois	26.77	(25.34 – 28.25)	13.00	(11.78 – 14.33)	42.75	(40.75 – 44.78)	25.37	(22.31 – 28.43)
Indiana	28.33	(25.77 – 31.04)	14.39	(12.10 – 17.03)	44.94	(41.18 – 48.76)	27.04	(24.13 – 29.95)
Iowa	26.45	(23.88 – 29.19)	14.27	(11.97 – 16.94)	41.91	(37.88 – 46.05)	25.37	(22.31 – 28.43)
Kansas	25.95	(23.49 – 28.58)	13.95	(11.62 – 16.66)	39.62	(35.92 – 43.45)	25.37	(22.31 – 28.43)
Kentucky	34.77	(31.83 – 37.83)	17.62	(15.06 – 20.51)	53.06	(49.24 – 56.84)	33.26	(29.57 – 37.18)
Louisiana	28.27	(25.71 – 30.98)	15.01	(12.65 – 17.72)	42.36	(38.80 – 46.00)	27.04	(24.13 – 29.95)
Maine	26.82	(24.14 – 29.68)	12.16	(10.04 – 14.66)	43.89	(39.93 – 47.92)	26.76	(24.27 – 29.39)
Maryland	23.22	(20.79 – 25.84)	11.08	(9.17 – 13.33)	35.91	(32.05 – 39.96)	22.31	(19.39 – 25.23)
Massachusetts	22.42	(19.98 – 25.06)	11.69	(9.64 – 14.12)	38.40	(34.37 – 42.59)	21.97	(19.55 – 24.60)
Michigan	28.19	(26.70 – 29.73)	13.59	(12.35 – 14.94)	42.81	(40.91 – 44.73)	27.04	(24.13 – 29.95)

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

State	Total		AGE GROUP (Years)					
			12-17		18-25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Minnesota	26.87	(24.42 – 29.47)	15.67	(13.30 – 18.37)	48.22	(44.17 – 52.30)	24.59	(21.57 – 27.61)
Mississippi	29.41	(26.74 – 32.23)	12.83	(10.69 – 15.34)	41.57	(37.84 – 45.39)	29.46	(26.05 – 32.87)
Missouri	31.51	(28.75 – 34.41)	17.88	(15.30 – 20.78)	47.59	(43.73 – 51.48)	30.56	(27.13 – 34.00)
Montana	27.71	(25.23 – 30.33)	16.10	(13.76 – 18.76)	44.96	(41.19 – 48.79)	26.26	(23.13 – 29.39)
Nebraska	25.93	(23.44 – 28.60)	16.36	(13.84 – 19.23)	43.92	(40.07 – 47.85)	23.84	(20.74 – 26.94)
Nevada	30.50	(27.36 – 33.83)	12.73	(10.47 – 15.39)	36.40	(32.58 – 40.40)	31.95	(28.03 – 35.87)
New Hampshire	26.17	(23.63 – 28.88)	14.03	(11.76 – 16.64)	44.80	(41.03 – 48.63)	24.94	(21.84 – 28.04)
New Jersey	23.42	(20.86 – 26.19)	11.83	(9.77 – 14.25)	40.67	(36.84 – 44.61)	22.46	(19.41 – 25.51)
New Mexico	24.05	(21.35 – 26.96)	12.34	(10.00 – 15.14)	38.45	(34.39 – 42.68)	23.19	(19.83 – 26.55)
New York	25.46	(23.86 – 27.14)	11.81	(10.65 – 13.08)	40.17	(38.11 – 42.27)	24.76	(22.77 – 26.75)
North Carolina	29.69	(26.89 – 32.65)	14.78	(12.36 – 17.57)	45.89	(41.90 – 49.93)	28.95	(25.52 – 32.38)
North Dakota	27.53	(24.89 – 30.34)	17.53	(15.02 – 20.36)	42.78	(38.75 – 46.92)	25.71	(22.48 – 28.94)
Ohio	30.48	(28.93 – 32.06)	14.52	(13.21 – 15.94)	46.03	(44.11 – 47.95)	30.00	(28.06 – 31.94)
Oklahoma	30.28	(27.47 – 33.25)	14.96	(12.62 – 17.64)	44.71	(40.70 – 48.79)	29.67	(26.15 – 33.19)
Oregon	24.96	(22.51 – 27.58)	11.29	(9.30 – 13.64)	41.49	(37.72 – 45.35)	23.94	(20.95 – 26.93)
Pennsylvania	27.68	(26.16 – 29.25)	14.73	(13.42 – 16.16)	44.78	(42.76 – 46.81)	26.59	(24.69 – 28.49)
Rhode Island	27.35	(24.69 – 30.17)	13.72	(11.39 – 16.44)	47.60	(43.40 – 51.83)	25.34	(22.08 – 28.60)
South Carolina	26.85	(24.21 – 29.66)	12.21	(10.12 – 14.67)	42.88	(39.16 – 46.68)	25.97	(22.71 – 29.23)
South Dakota	30.31	(27.60 – 33.16)	19.79	(17.00 – 22.90)	51.76	(47.73 – 55.76)	27.70	(24.33 – 31.07)
Tennessee	28.03	(25.41 – 30.80)	14.33	(12.04 – 16.98)	38.83	(34.70 – 43.12)	27.95	(24.77 – 31.13)
Texas	25.56	(24.15 – 27.03)	11.65	(10.38 – 13.06)	39.18	(37.19 – 41.21)	25.09	(23.27 – 26.91)
Utah	16.74	(14.36 – 19.43)	6.57	(4.70 – 9.10)	24.61	(20.92 – 28.71)	16.36	(13.24 – 19.48)
Vermont	25.43	(22.98 – 28.05)	14.84	(12.58 – 17.44)	47.57	(43.55 – 51.62)	23.03	(20.04 – 26.02)
Virginia	25.18	(22.66 – 27.88)	14.17	(11.84 – 16.88)	43.38	(39.63 – 47.20)	23.69	(20.60 – 26.78)
Washington	23.41	(21.00 – 26.00)	10.84	(8.87 – 13.19)	42.23	(38.45 – 46.10)	21.93	(19.00 – 24.86)
West Virginia	29.52	(26.74 – 32.45)	17.34	(14.83 – 20.17)	47.96	(44.20 – 51.74)	27.94	(24.58 – 31.30)
Wisconsin	25.75	(23.21 – 28.47)	15.32	(12.90 – 18.10)	45.48	(41.71 – 49.31)	23.67	(20.55 – 26.79)
Wyoming	26.81	(24.30 – 29.47)	12.78	(10.58 – 15.35)	44.46	(40.57 – 48.41)	25.50	(22.37 – 28.63)

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002 and 2003.

41005

**Table B.13**  
*Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day, by Age Group and State:*

State	Total		AGE GROUP (Years)					
			12-17		18-25		Estimate	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval		
Total	71.27		63.67		65.46		73.00	
Alabama	68.32	(65.43 – 71.06)	62.18	(58.70 – 65.53)	62.28	(58.59 – 65.82)	70.00	
Alaska	70.30	(67.44 – 73.02)	66.56	(63.11 – 69.84)	65.46	(61.84 – 68.91)	71.00	

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

State	Total		AGE GROUP (Years)					
			12–17		18–25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Pre Inter
Arizona	72.74	(69.70 – 75.58)	64.39	(60.80 – 67.82)	70.87	(67.00 – 74.45)	74.29	(70.41 –
Arkansas	67.91	(65.07 – 70.62)	61.55	(58.10 – 64.89)	60.58	(56.57 – 64.46)	70.08	(66.52 –
California	76.82	(75.32 – 78.26)	67.07	(65.05 – 69.03)	72.52	(70.50 – 74.44)	79.05	(77.09 –
Colorado	70.29	(67.55 – 72.90)	63.77	(60.18 – 67.20)	61.30	(57.22 – 65.22)	72.75	(69.29 –
Connecticut	72.67	(69.95 – 75.23)	64.74	(61.30 – 68.04)	67.32	(63.65 – 70.79)	74.49	(71.13 –
Delaware	71.47	(68.87 – 73.94)	63.20	(59.84 – 66.43)	64.70	(60.85 – 68.36)	73.70	(70.47 –
District of Columbia	74.89	(72.03 – 77.55)	61.87	(58.07 – 65.53)	74.31	(70.32 – 77.93)	76.17	(72.63 –
Florida	72.89	(71.38 – 74.35)	63.06	(61.14 – 64.94)	69.14	(67.20 – 71.01)	74.62	(72.76 –
Georgia	71.86	(69.29 – 74.29)	64.49	(61.04 – 67.80)	67.39	(63.61 – 70.96)	73.73	(70.51 –
Hawaii	71.12	(68.12 – 73.95)	65.39	(61.69 – 68.92)	68.38	(64.22 – 72.26)	72.33	(68.57 –
Idaho	72.24	(69.62 – 74.72)	65.57	(62.20 – 68.80)	68.57	(64.87 – 72.05)	74.08	(70.68 –
Illinois	69.57	(68.03 – 71.07)	64.55	(62.63 – 66.41)	63.86	(61.80 – 65.87)	71.28	(69.29 –
Indiana	69.12	(66.41 – 71.70)	64.18	(60.75 – 67.48)	63.69	(59.95 – 67.26)	70.82	(67.39 –
Iowa	65.85	(62.89 – 68.68)	61.99	(58.43 – 65.42)	60.18	(56.30 – 63.94)	67.44	(63.69 –
Kansas	70.61	(68.00 – 73.09)	60.16	(56.52 – 63.70)	63.55	(59.97 – 66.98)	73.52	(70.15 –
Kentucky	62.46	(59.38 – 65.44)	58.90	(55.39 – 62.32)	53.67	(49.69 – 57.60)	64.43	(60.56 –
Louisiana	67.74	(65.06 – 70.32)	59.33	(55.74 – 62.83)	63.25	(59.71 – 66.65)	69.92	(66.44 –
Maine	69.25	(66.44 – 71.93)	64.49	(61.06 – 67.77)	61.95	(58.22 – 65.55)	70.94	(67.45 –
Maryland	71.76	(68.94 – 74.43)	65.27	(61.82 – 68.57)	63.95	(59.99 – 67.73)	73.89	(70.37 –
Massachusetts	75.55	(72.80 – 78.11)	67.22	(63.89 – 70.38)	70.84	(66.88 – 74.51)	77.31	(73.92 –
Michigan	70.89	(69.36 – 72.38)	64.02	(62.17 – 65.83)	64.00	(62.08 – 65.89)	73.07	(71.13 –
Minnesota	69.68	(67.06 – 72.19)	63.18	(59.80 – 66.44)	60.26	(56.15 – 64.23)	72.32	(68.98 –
Mississippi	68.63	(65.76 – 71.36)	59.22	(55.79 – 62.57)	62.94	(59.09 – 66.63)	71.20	(67.48 –
Missouri	68.02	(65.28 – 70.65)	61.78	(58.45 – 65.00)	61.37	(57.57 – 65.03)	70.06	(66.63 –
Montana	71.38	(68.73 – 73.89)	64.76	(61.47 – 67.93)	66.77	(63.06 – 70.28)	73.14	(69.75 –
Nebraska	69.62	(66.84 – 72.27)	63.18	(59.77 – 66.47)	63.58	(59.83 – 67.17)	71.72	(68.15 –
Nevada	69.57	(66.67 – 72.32)	64.24	(60.68 – 67.65)	62.56	(58.57 – 66.39)	71.38	(67.78 –
New Hampshire	68.63	(65.53 – 71.58)	59.52	(55.80 – 63.14)	61.12	(57.28 – 64.82)	71.05	(67.16 –
New Jersey	75.17	(72.55 – 77.62)	64.03	(60.48 – 67.42)	66.84	(63.00 – 70.46)	77.79	(74.56 –
New Mexico	73.04	(70.22 – 75.69)	61.12	(57.17 – 64.94)	67.82	(63.79 – 71.60)	75.88	(72.28 –
New York	72.81	(71.23 – 74.33)	64.32	(62.38 – 66.23)	67.84	(65.78 – 69.83)	74.71	(72.74 –
North Carolina	68.08	(65.21 – 70.82)	60.76	(57.13 – 64.27)	59.40	(55.40 – 63.28)	70.51	(66.91 –
North Dakota	66.97	(64.16 – 69.65)	61.29	(57.75 – 64.71)	62.84	(58.97 – 66.55)	68.62	(65.02 –
Ohio	67.60	(66.05 – 69.11)	61.92	(59.89 – 63.90)	59.92	(58.00 – 61.81)	69.71	(67.73 –
Oklahoma	66.52	(63.60 – 69.32)	60.58	(57.15 – 63.90)	58.78	(54.75 – 62.69)	68.86	(65.08 –
Oregon	72.21	(69.48 – 74.79)	68.14	(64.83 – 71.28)	69.69	(66.13 – 73.03)	73.18	(69.75 –
Pennsylvania	68.77	(67.20 – 70.30)	62.31	(60.39 – 64.19)	61.54	(59.51 – 63.54)	70.77	(68.79 –
Rhode Island	73.34	(70.45 – 76.04)	65.01	(61.41 – 68.44)	72.97	(69.07 – 76.55)	74.43	(70.80 –
South Carolina	69.38	(66.63 – 72.01)	62.27	(58.81 – 65.61)	61.91	(58.04 – 65.63)	71.66	(68.17 –
South Dakota	65.09	(62.21 – 67.87)	60.68	(57.13 – 64.12)	56.27	(52.28 – 60.18)	67.49	(63.77 –
Tennessee	66.84	(64.10 – 69.47)	62.38	(58.82 – 65.82)	60.70	(56.34 – 64.91)	68.44	(65.08 –
Texas	71.88	(70.51 – 73.22)	61.14	(59.08 – 63.15)	66.08	(64.06 – 68.05)	74.73	(72.95 –

State	Total		AGE GROUP (Years)					
			12–17		18–25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Utah	75.00	(72.44 – 77.39)	71.49	(67.98 – 74.76)	72.28	(68.58 – 75.71)	76.47	(72.99 – 79.95)
Vermont	70.15	(67.39 – 72.77)	63.59	(60.13 – 66.93)	62.72	(58.93 – 66.37)	72.30	(68.85 – 75.75)
Virginia	70.95	(68.19 – 73.57)	64.05	(60.52 – 67.44)	66.03	(62.24 – 69.63)	72.67	(69.22 – 76.12)
Washington	70.63	(67.99 – 73.14)	66.48	(63.08 – 69.71)	64.26	(60.48 – 67.88)	72.29	(69.01 – 75.57)
West Virginia	67.26	(64.38 – 70.01)	59.35	(55.78 – 62.83)	58.54	(54.65 – 62.33)	69.58	(66.02 – 73.14)
Wisconsin	69.71	(66.94 – 72.35)	63.58	(60.00 – 67.02)	63.81	(60.02 – 67.43)	71.63	(68.13 – 75.13)
Wyoming	68.09	(65.23 – 70.83)	64.05	(60.70 – 67.26)	61.46	(57.70 – 65.08)	69.95	(66.29 – 73.61)

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002 and 2003.

41005

State	Total		AGE GROUP (Years)					
			12–17		18–25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	
Total	7.59		5.88		17.43		6.00	
Alabama	6.08	(5.03 – 7.33)	4.83	(3.69 – 6.31)	13.65	(11.36 – 16.31)	4.00	
Alaska	8.63	(7.30 – 10.17)	6.15	(4.82 – 7.81)	18.79	(15.99 – 21.95)	7.00	
Arizona	9.29	(7.87 – 10.93)	7.38	(5.67 – 9.56)	19.36	(16.38 – 22.75)	7.00	
Arkansas	7.57	(6.39 – 8.93)	6.15	(4.76 – 7.90)	17.59	(14.87 – 20.69)	5.00	
California	7.22	(6.53 – 7.97)	5.51	(4.71 – 6.44)	14.83	(13.28 – 16.52)	6.00	
Colorado	9.20	(7.90 – 10.69)	6.71	(5.24 – 8.56)	20.66	(17.77 – 23.88)	7.00	
Connecticut	6.90	(5.71 – 8.31)	5.39	(4.07 – 7.12)	18.87	(16.04 – 22.08)	5.00	
Delaware	7.65	(6.49 – 9.00)	5.76	(4.49 – 7.35)	18.17	(15.43 – 21.27)	6.00	
District of Columbia	9.20	(7.66 – 11.02)	3.00	(2.12 – 4.21)	16.26	(13.53 – 19.43)	8.00	
Florida	6.86	(6.18 – 7.61)	5.40	(4.61 – 6.31)	16.89	(15.34 – 18.55)	5.00	
Georgia	7.37	(6.15 – 8.80)	4.78	(3.61 – 6.30)	14.90	(12.46 – 17.71)	6.00	
Hawaii	7.52	(6.30 – 8.94)	6.42	(4.87 – 8.42)	18.14	(15.24 – 21.45)	5.00	
Idaho	8.45	(7.16 – 9.95)	7.79	(6.11 – 9.88)	18.37	(15.60 – 21.51)	6.00	
Illinois	8.74	(7.94 – 9.60)	6.08	(5.26 – 7.02)	19.49	(17.87 – 21.22)	7.00	
Indiana	7.90	(6.71 – 9.27)	6.21	(4.80 – 7.99)	19.19	(16.36 – 22.39)	6.00	
Iowa	8.25	(7.07 – 9.61)	7.56	(5.99 – 9.52)	19.67	(16.79 – 22.91)	6.00	
Kansas	7.14	(6.02 – 8.46)	5.12	(3.86 – 6.76)	18.49	(15.80 – 21.53)	5.00	
Kentucky	6.16	(5.15 – 7.37)	5.26	(4.01 – 6.87)	14.67	(12.23 – 17.49)	4.00	
Louisiana	7.95	(6.73 – 9.38)	5.97	(4.59 – 7.72)	17.56	(14.96 – 20.50)	6.00	
Maine	7.31	(6.15 – 8.67)	5.59	(4.29 – 7.26)	18.26	(15.57 – 21.28)	5.00	
Maryland	7.55	(6.33 – 8.99)	5.37	(4.08 – 7.04)	15.98	(13.42 – 18.91)	6.00	
Massachusetts	8.60	(7.22 – 10.22)	7.35	(5.77 – 9.33)	18.47	(15.51 – 21.84)	7.00	

NOTE: Dependence or abuse is based on definitions found in the 4<sup>th</sup> edition of the *Diagnostic and Statistical Manual of Mental Disorders*.  
 NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

State	Total		AGE GROUP (Years)					
			12–17		18–25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Michigan	8.46	(7.68 – 9.32)	6.42	(5.59 – 7.37)	18.29	(16.72 – 19.97)	7.05	(6.10 –
Minnesota	9.01	(7.71 – 10.49)	7.24	(5.73 – 9.10)	20.99	(18.08 – 24.23)	7.08	(5.65 –
Mississippi	6.46	(5.32 – 7.82)	3.78	(2.77 – 5.14)	13.96	(11.46 – 16.90)	5.35	(4.09 –
Missouri	7.89	(6.73 – 9.23)	6.34	(4.96 – 8.06)	19.76	(17.04 – 22.79)	6.01	(4.74 –
Montana	10.70	(9.07 – 12.58)	11.21	(9.00 – 13.88)	23.39	(20.35 – 26.74)	8.36	(6.53 –
Nebraska	10.18	(8.74 – 11.83)	8.94	(7.08 – 11.24)	25.16	(21.93 – 28.69)	7.47	(5.87 –
Nevada	8.01	(6.72 – 9.53)	6.93	(5.36 – 8.91)	16.19	(13.53 – 19.25)	6.88	(5.43 –
New Hampshire	9.09	(7.74 – 10.65)	7.54	(5.97 – 9.48)	23.21	(20.31 – 26.39)	7.10	(5.61 –
New Jersey	6.30	(5.22 – 7.57)	5.16	(3.92 – 6.76)	16.62	(13.96 – 19.68)	4.97	(3.80 –
New Mexico	10.01	(8.39 – 11.90)	7.73	(5.92 – 10.05)	22.68	(19.32 – 26.42)	8.01	(6.18 –
New York	7.15	(6.39 – 7.98)	5.59	(4.76 – 6.57)	15.84	(14.37 – 17.44)	5.90	(5.01 –
North Carolina	6.75	(5.65 – 8.04)	5.66	(4.30 – 7.42)	16.54	(13.88 – 19.60)	5.25	(4.07 –
North Dakota	10.83	(9.37 – 12.48)	10.33	(8.33 – 12.74)	27.11	(23.60 – 30.93)	7.49	(5.86 –
Ohio	7.90	(7.15 – 8.72)	5.80	(5.02 – 6.69)	18.54	(16.97 – 20.22)	6.36	(5.49 –
Oklahoma	6.92	(5.77 – 8.28)	5.68	(4.34 – 7.39)	17.03	(14.29 – 20.18)	5.15	(3.94 –
Oregon	7.37	(6.27 – 8.65)	5.84	(4.58 – 7.42)	17.83	(15.26 – 20.74)	5.79	(4.58 –
Pennsylvania	6.93	(6.26 – 7.67)	5.34	(4.57 – 6.24)	18.08	(16.53 – 19.75)	5.33	(4.56 –
Rhode Island	10.10	(8.61 – 11.80)	6.62	(5.08 – 8.58)	25.59	(22.12 – 29.41)	7.70	(6.07 –
South Carolina	7.88	(6.64 – 9.32)	4.83	(3.65 – 6.37)	19.48	(16.63 – 22.69)	6.23	(4.86 –
South Dakota	10.79	(9.34 – 12.43)	9.77	(7.75 – 12.24)	26.15	(22.83 – 29.78)	7.93	(6.33 –
Tennessee	5.97	(4.93 – 7.21)	4.77	(3.55 – 6.38)	14.83	(12.04 – 18.13)	4.63	(3.56 –
Texas	7.62	(6.95 – 8.34)	5.84	(5.01 – 6.81)	16.78	(15.29 – 18.39)	6.10	(5.31 –
Utah	6.87	(5.69 – 8.28)	4.72	(3.52 – 6.31)	12.98	(10.62 – 15.78)	5.50	(4.11 –
Vermont	7.77	(6.57 – 9.17)	6.45	(5.05 – 8.20)	19.28	(16.42 – 22.51)	5.96	(4.66 –
Virginia	7.33	(6.11 – 8.77)	6.18	(4.78 – 7.97)	17.60	(15.00 – 20.54)	5.81	(4.46 –
Washington	7.47	(6.33 – 8.79)	5.83	(4.46 – 7.58)	18.24	(15.56 – 21.26)	5.85	(4.60 –
West Virginia	6.52	(5.45 – 7.78)	6.32	(4.93 – 8.07)	16.12	(13.55 – 19.08)	4.99	(3.86 –
Wisconsin	9.53	(8.20 – 11.05)	7.19	(5.57 – 9.23)	23.30	(20.34 – 26.54)	7.39	(5.91 –
Wyoming	9.23	(7.91 – 10.74)	7.54	(6.00 – 9.44)	23.24	(20.06 – 26.76)	6.81	(5.35 –

NOTE: Dependence or abuse is based on definitions found in the 4<sup>th</sup> edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV).

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002 and 2003.

41005

**Table B.15**  
*Alcohol Dependence in Past Year, by Age Group and State: Percentages,*

State	Total		AGE GROUP (Years)			
			12–17		18–25	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval

State	Total		AGE GROUP (Years)					
			12–17		18–25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Pre Inter
Total	3.34		2.09		6.87		2.90	
Alabama	2.76	(2.15 – 3.53)	1.67	(1.09 – 2.56)	5.54	(4.23 – 7.21)	2.41	(1.73 –
Alaska	3.75	(2.96 – 4.74)	2.33	(1.58 – 3.42)	7.09	(5.50 – 9.09)	3.45	(2.53 –
Arizona	3.91	(3.06 – 4.98)	3.20	(2.13 – 4.77)	7.94	(6.11 – 10.25)	3.29	(2.35 –
Arkansas	3.29	(2.59 – 4.16)	2.34	(1.59 – 3.44)	6.90	(5.28 – 8.96)	2.77	(2.01 –
California	3.40	(2.93 – 3.95)	1.87	(1.43 – 2.44)	6.11	(5.24 – 7.11)	3.13	(2.57 –
Colorado	3.73	(2.98 – 4.67)	2.51	(1.73 – 3.62)	7.74	(6.09 – 9.80)	3.20	(2.37 –
Connecticut	2.96	(2.27 – 3.85)	1.88	(1.18 – 2.97)	6.60	(5.08 – 8.55)	2.57	(1.82 –
Delaware	3.43	(2.73 – 4.32)	1.93	(1.30 – 2.87)	7.50	(5.83 – 9.61)	2.93	(2.15 –
District of Columbia	4.81	(3.79 – 6.10)	1.44	(0.88 – 2.36)	6.76	(5.14 – 8.85)	4.73	(3.54 –
Florida	2.91	(2.50 – 3.39)	1.79	(1.36 – 2.35)	6.45	(5.56 – 7.48)	2.54	(2.06 –
Georgia	3.19	(2.51 – 4.05)	1.65	(1.05 – 2.58)	5.26	(3.93 – 7.01)	3.04	(2.24 –
Hawaii	3.52	(2.73 – 4.54)	2.87	(1.87 – 4.37)	7.21	(5.43 – 9.51)	3.02	(2.12 –
Idaho	3.66	(2.91 – 4.59)	2.83	(1.94 – 4.12)	7.23	(5.65 – 9.22)	3.06	(2.22 –
Illinois	3.73	(3.24 – 4.28)	2.25	(1.77 – 2.87)	7.59	(6.63 – 8.69)	3.25	(2.67 –
Indiana	3.17	(2.55 – 3.95)	2.19	(1.48 – 3.23)	7.47	(5.85 – 9.49)	2.52	(1.85 –
Iowa	3.15	(2.52 – 3.93)	2.71	(1.88 – 3.88)	6.94	(5.42 – 8.83)	2.49	(1.81 –
Kansas	2.88	(2.28 – 3.64)	1.81	(1.16 – 2.82)	6.81	(5.32 – 8.69)	2.28	(1.62 –
Kentucky	2.81	(2.21 – 3.56)	1.92	(1.26 – 2.92)	5.98	(4.57 – 7.78)	2.37	(1.71 –
Louisiana	3.87	(3.08 – 4.86)	2.67	(1.79 – 3.96)	7.50	(5.86 – 9.56)	3.32	(2.42 –
Maine	3.33	(2.65 – 4.16)	2.36	(1.60 – 3.48)	8.12	(6.41 – 10.23)	2.73	(2.01 –
Maryland	3.63	(2.87 – 4.59)	1.94	(1.29 – 2.93)	6.20	(4.74 – 8.07)	3.46	(2.57 –
Massachusetts	3.95	(3.15 – 4.95)	2.89	(2.02 – 4.12)	7.45	(5.78 – 9.56)	3.52	(2.62 –
Michigan	3.80	(3.30 – 4.38)	2.26	(1.79 – 2.84)	7.73	(6.78 – 8.80)	3.34	(2.74 –
Minnesota	3.56	(2.86 – 4.43)	2.57	(1.78 – 3.68)	7.62	(5.96 – 9.69)	2.97	(2.20 –
Mississippi	3.11	(2.36 – 4.08)	1.37	(0.84 – 2.23)	5.05	(3.69 – 6.89)	2.98	(2.11 –
Missouri	3.17	(2.55 – 3.94)	1.87	(1.26 – 2.78)	7.60	(5.98 – 9.62)	2.57	(1.88 –
Montana	4.43	(3.49 – 5.62)	4.75	(3.28 – 6.82)	9.64	(7.66 – 12.08)	3.46	(2.42 –
Nebraska	3.85	(3.09 – 4.80)	2.85	(1.95 – 4.16)	7.99	(6.22 – 10.20)	3.20	(2.36 –
Nevada	3.44	(2.73 – 4.34)	2.23	(1.50 – 3.31)	6.84	(5.31 – 8.79)	3.07	(2.27 –
New Hampshire	3.48	(2.79 – 4.34)	2.32	(1.56 – 3.43)	7.69	(6.10 – 9.65)	2.98	(2.20 –
New Jersey	2.97	(2.29 – 3.85)	1.81	(1.18 – 2.77)	6.57	(5.03 – 8.53)	2.61	(1.85 –
New Mexico	4.05	(3.20 – 5.11)	2.72	(1.75 – 4.21)	9.90	(7.67 – 12.69)	3.17	(2.25 –
New York	3.60	(3.10 – 4.17)	2.17	(1.70 – 2.78)	6.48	(5.57 – 7.52)	3.30	(2.71 –
North Carolina	3.05	(2.39 – 3.89)	1.93	(1.26 – 2.93)	6.13	(4.71 – 7.93)	2.69	(1.95 –
North Dakota	3.75	(3.02 – 4.65)	3.25	(2.27 – 4.64)	8.42	(6.67 – 10.58)	2.84	(2.04 –
Ohio	3.39	(2.91 – 3.95)	1.72	(1.30 – 2.27)	7.87	(6.89 – 8.98)	2.85	(2.28 –
Oklahoma	2.86	(2.27 – 3.61)	2.02	(1.37 – 2.99)	6.61	(5.09 – 8.53)	2.26	(1.62 –
Oregon	3.31	(2.65 – 4.14)	2.13	(1.44 – 3.14)	7.26	(5.76 – 9.12)	2.80	(2.07 –
Pennsylvania	2.90	(2.48 – 3.40)	1.89	(1.46 – 2.43)	6.56	(5.67 – 7.58)	2.44	(1.95 –
Rhode Island	4.39	(3.46 – 5.57)	2.41	(1.55 – 3.72)	10.70	(8.55 – 13.32)	3.49	(2.46 –
South Carolina	3.64	(2.89 – 4.56)	1.76	(1.17 – 2.64)	7.93	(6.24 – 10.04)	3.13	(2.29 –

State	Total		AGE GROUP (Years)					
			12–17		18–25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
South Dakota	4.50	(3.57 – 5.67)	3.86	(2.66 – 5.56)	8.72	(6.86 – 11.02)	3.77	(2.72 – 4.82)
Tennessee	2.71	(2.09 – 3.52)	1.71	(1.07 – 2.73)	5.87	(4.39 – 7.82)	2.31	(1.63 – 2.99)
Texas	3.11	(2.70 – 3.58)	1.93	(1.48 – 2.51)	6.69	(5.79 – 7.73)	2.60	(2.11 – 3.09)
Utah	3.14	(2.50 – 3.92)	1.77	(1.17 – 2.69)	5.61	(4.30 – 7.31)	2.67	(1.94 – 3.40)
Vermont	3.25	(2.57 – 4.12)	2.90	(1.98 – 4.23)	7.10	(5.52 – 9.08)	2.64	(1.88 – 3.40)
Virginia	3.48	(2.78 – 4.35)	2.60	(1.79 – 3.76)	7.38	(5.79 – 9.35)	2.96	(2.17 – 3.75)
Washington	3.16	(2.51 – 3.96)	2.19	(1.45 – 3.30)	7.44	(5.86 – 9.41)	2.56	(1.86 – 3.26)
West Virginia	2.74	(2.13 – 3.52)	2.30	(1.51 – 3.51)	6.01	(4.53 – 7.94)	2.26	(1.61 – 2.91)
Wisconsin	3.64	(2.93 – 4.53)	2.27	(1.53 – 3.35)	8.56	(6.83 – 10.68)	2.95	(2.17 – 3.73)
Wyoming	3.57	(2.84 – 4.47)	2.40	(1.62 – 3.54)	8.17	(6.38 – 10.40)	2.87	(2.08 – 3.66)

NOTE: Dependence is based on the definition found in the 4<sup>th</sup> edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV).

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002 and 2003.

41005

**Table B.16**  
**Any Illicit Drug Dependence or Abuse in Past Year, by Age Group and State: Percentages, Annual Averages Based on 2002 and 2003 NSDUHs**

State	Total		AGE GROUP (Years)					
			12–17		18–25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Total	2.95		5.35		8.02		1.00	
Alabama	2.68	(2.18 – 3.30)	4.67	(3.57 – 6.09)	6.53	(5.11 – 8.32)	1.00	
Alaska	3.13	(2.59 – 3.78)	6.31	(4.94 – 8.03)	8.57	(6.80 – 10.75)	1.00	
Arizona	3.35	(2.72 – 4.13)	6.83	(5.24 – 8.87)	8.15	(6.43 – 10.27)	1.00	
Arkansas	2.96	(2.42 – 3.60)	5.13	(3.95 – 6.64)	7.94	(6.24 – 10.05)	1.00	
California	3.01	(2.63 – 3.43)	4.93	(4.19 – 5.80)	7.82	(6.79 – 8.98)	1.00	
Colorado	3.23	(2.66 – 3.93)	5.02	(3.77 – 6.66)	10.20	(8.19 – 12.64)	1.00	
Connecticut	2.88	(2.33 – 3.54)	5.41	(4.17 – 7.01)	9.20	(7.40 – 11.39)	1.00	
Delaware	3.03	(2.50 – 3.68)	5.26	(4.06 – 6.80)	8.03	(6.41 – 10.03)	1.00	
District of Columbia	3.96	(3.10 – 5.05)	4.30	(3.18 – 5.80)	8.72	(6.79 – 11.14)	2.00	
Florida	3.12	(2.72 – 3.56)	5.77	(4.94 – 6.73)	8.41	(7.37 – 9.60)	2.00	
Georgia	2.88	(2.31 – 3.58)	4.93	(3.77 – 6.44)	6.35	(4.85 – 8.26)	1.00	
Hawaii	2.75	(2.19 – 3.43)	5.77	(4.38 – 7.57)	8.13	(6.27 – 10.48)	1.00	
Idaho	2.93	(2.42 – 3.55)	6.02	(4.68 – 7.70)	7.66	(5.99 – 9.76)	1.00	
Illinois	2.81	(2.48 – 3.17)	5.36	(4.56 – 6.29)	7.69	(6.72 – 8.79)	1.00	
Indiana	2.84	(2.33 – 3.44)	4.68	(3.50 – 6.22)	7.88	(6.28 – 9.85)	1.00	
Iowa	2.52	(2.01 – 3.15)	4.81	(3.62 – 6.35)	6.61	(5.02 – 8.65)	1.00	
Kansas	2.52	(2.01 – 3.15)	4.35	(3.19 – 5.89)	6.66	(5.16 – 8.57)	1.00	
Kentucky	2.80	(2.28 – 3.43)	5.24	(4.03 – 6.77)	7.41	(5.77 – 9.48)	1.00	

NOTE: Any Illicit Drug includes marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or any prescription-type drug used nonmedically.

NOTE: Dependence or abuse is based on definitions found in the 4<sup>th</sup> edition of the *Diagnostic and Statistical Manual of Mental Disorders*.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.



State	Total		AGE GROUP (Years)					
			12–17		18–25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Louisiana	3.34	(2.73 – 4.07)	5.07	(3.94 – 6.50)	7.63	(6.02 – 9.63)	2.21	(1.58 –
Maine	2.94	(2.41 – 3.58)	5.66	(4.40 – 7.27)	9.78	(7.92 – 12.03)	1.57	(1.09 –
Maryland	3.02	(2.45 – 3.73)	5.22	(3.98 – 6.82)	9.15	(7.17 – 11.61)	1.75	(1.22 –
Massachusetts	3.63	(2.97 – 4.44)	6.44	(5.01 – 8.23)	11.41	(9.11 – 14.20)	2.05	(1.43 –
Michigan	2.99	(2.63 – 3.39)	6.16	(5.31 – 7.13)	7.52	(6.60 – 8.56)	1.75	(1.36 –
Minnesota	2.75	(2.24 – 3.38)	5.73	(4.44 – 7.37)	7.45	(5.80 – 9.52)	1.48	(1.00 –
Mississippi	2.85	(2.28 – 3.56)	4.23	(3.20 – 5.59)	6.79	(5.25 – 8.72)	1.84	(1.26 –
Missouri	3.01	(2.47 – 3.66)	5.13	(3.98 – 6.60)	8.54	(6.86 – 10.58)	1.74	(1.22 –
Montana	3.19	(2.62 – 3.88)	7.18	(5.57 – 9.22)	8.48	(6.80 – 10.52)	1.69	(1.15 –
Nebraska	2.84	(2.34 – 3.46)	5.92	(4.60 – 7.58)	7.04	(5.50 – 8.96)	1.59	(1.11 –
Nevada	2.98	(2.41 – 3.68)	5.98	(4.60 – 7.74)	8.03	(6.35 – 10.12)	1.78	(1.23 –
New Hampshire	3.37	(2.79 – 4.08)	6.95	(5.41 – 8.89)	11.18	(9.05 – 13.73)	1.67	(1.15 –
New Jersey	2.69	(2.16 – 3.33)	5.06	(3.84 – 6.64)	7.82	(6.12 – 9.95)	1.65	(1.16 –
New Mexico	3.81	(3.06 – 4.74)	6.05	(4.52 – 8.06)	11.15	(8.81 – 14.02)	2.09	(1.40 –
New York	3.03	(2.66 – 3.45)	5.28	(4.51 – 6.18)	8.87	(7.82 – 10.05)	1.78	(1.39 –
North Carolina	2.94	(2.39 – 3.61)	5.67	(4.38 – 7.31)	7.39	(5.89 – 9.23)	1.83	(1.28 –
North Dakota	2.79	(2.28 – 3.40)	5.89	(4.57 – 7.56)	7.33	(5.66 – 9.43)	1.41	(0.97 –
Ohio	2.93	(2.61 – 3.30)	5.61	(4.83 – 6.51)	8.36	(7.37 – 9.47)	1.63	(1.28 –
Oklahoma	2.85	(2.33 – 3.49)	5.13	(3.97 – 6.61)	7.89	(6.14 – 10.07)	1.56	(1.08 –
Oregon	3.05	(2.50 – 3.71)	5.27	(4.06 – 6.81)	9.44	(7.63 – 11.64)	1.67	(1.15 –
Pennsylvania	2.60	(2.28 – 2.97)	5.11	(4.36 – 5.97)	7.76	(6.76 – 8.88)	1.44	(1.11 –
Rhode Island	3.90	(3.15 – 4.81)	6.15	(4.66 – 8.08)	12.71	(10.26 – 15.64)	2.02	(1.34 –
South Carolina	2.85	(2.32 – 3.51)	4.67	(3.53 – 6.15)	7.87	(6.25 – 9.88)	1.72	(1.20 –
South Dakota	2.67	(2.20 – 3.23)	5.83	(4.50 – 7.52)	7.10	(5.55 – 9.05)	1.32	(0.92 –
Tennessee	2.80	(2.24 – 3.50)	4.85	(3.70 – 6.34)	7.08	(5.40 – 9.23)	1.82	(1.27 –
Texas	2.73	(2.38 – 3.14)	5.14	(4.35 – 6.07)	6.89	(5.94 – 7.98)	1.53	(1.17 –
Utah	2.85	(2.32 – 3.50)	4.75	(3.56 – 6.30)	5.98	(4.55 – 7.81)	1.57	(1.08 –
Vermont	3.63	(3.04 – 4.33)	7.86	(6.14 – 10.02)	12.03	(9.82 – 14.67)	1.62	(1.11 –
Virginia	3.03	(2.50 – 3.68)	5.67	(4.32 – 7.41)	8.55	(6.84 – 10.63)	1.79	(1.27 –
Washington	3.29	(2.75 – 3.93)	6.05	(4.65 – 7.84)	10.50	(8.58 – 12.80)	1.67	(1.19 –
West Virginia	2.96	(2.43 – 3.60)	5.58	(4.30 – 7.22)	9.27	(7.45 – 11.49)	1.64	(1.15 –
Wisconsin	2.71	(2.21 – 3.32)	5.86	(4.51 – 7.57)	7.28	(5.69 – 9.25)	1.45	(1.00 –
Wyoming	2.64	(2.15 – 3.24)	4.53	(3.43 – 5.97)	8.18	(6.41 – 10.38)	1.32	(0.88 –

NOTE: Any Illicit Drug includes marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or any prescription-type psychotherapeutic nonmedically.

NOTE: Dependence or abuse is based on definitions found in the 4<sup>th</sup> edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV).

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002 and 2003.

**Table B.17**  
**Any Illicit**  
**Drug**  
**Dependence**  
**in Past Year,**  
**by Age**  
**Group and**  
**State:**  
**Percentages,**  
**Annual**  
**Averages**  
**Based on**  
**2002 and**  
**2003**  
**NSDUHs**

State	Total		AGE GROUP (Years)				
	Estimate	95% Prediction Interval	12-17		18-25		Estimate
			Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	
Total	1.91		2.97		5.36		1
Alabama	1.77	(1.39 – 2.25)	2.56	(1.86 – 3.52)	4.65	(3.50 – 6.15)	1
Alaska	2.08	(1.67 – 2.59)	3.33	(2.48 – 4.46)	6.00	(4.57 – 7.85)	1
Arizona	1.98	(1.58 – 2.48)	3.77	(2.71 – 5.21)	5.88	(4.45 – 7.72)	1
Arkansas	1.95	(1.55 – 2.45)	2.97	(2.17 – 4.06)	5.29	(3.96 – 7.04)	1
California	1.88	(1.60 – 2.20)	2.62	(2.11 – 3.25)	5.22	(4.41 – 6.16)	1
Colorado	2.01	(1.60 – 2.52)	2.78	(2.02 – 3.82)	6.46	(4.93 – 8.42)	1
Connecticut	1.86	(1.46 – 2.35)	2.89	(2.10 – 3.98)	6.08	(4.67 – 7.88)	1
Delaware	1.98	(1.57 – 2.50)	2.87	(2.12 – 3.89)	5.65	(4.28 – 7.43)	1
District of Columbia	2.95	(2.24 – 3.87)	2.06	(1.41 – 3.00)	6.26	(4.73 – 8.26)	2
Florida	2.02	(1.72 – 2.39)	3.20	(2.61 – 3.91)	5.83	(4.96 – 6.83)	1
Georgia	1.86	(1.43 – 2.42)	2.73	(1.97 – 3.77)	3.89	(2.78 – 5.42)	1
Hawaii	1.70	(1.30 – 2.22)	2.87	(2.02 – 4.05)	5.39	(3.91 – 7.38)	0
Idaho	1.79	(1.41 – 2.27)	3.18	(2.34 – 4.30)	4.67	(3.44 – 6.31)	0
Illinois	1.89	(1.61 – 2.22)	3.26	(2.66 – 3.99)	5.00	(4.24 – 5.88)	1
Indiana	1.85	(1.48 – 2.31)	2.80	(2.05 – 3.82)	5.21	(3.95 – 6.85)	1
Iowa	1.61	(1.26 – 2.07)	2.53	(1.79 – 3.57)	4.51	(3.34 – 6.07)	0
Kansas	1.67	(1.31 – 2.14)	2.66	(1.89 – 3.73)	4.66	(3.47 – 6.22)	0
Kentucky	1.91	(1.51 – 2.42)	3.31	(2.45 – 4.47)	4.94	(3.72 – 6.54)	1
Louisiana	2.17	(1.69 – 2.77)	2.67	(1.94 – 3.68)	5.07	(3.85 – 6.66)	1
Maine	1.74	(1.41 – 2.16)	2.90	(2.12 – 3.96)	6.39	(4.98 – 8.16)	0
Maryland	2.00	(1.59 – 2.52)	2.95	(2.16 – 4.03)	5.85	(4.47 – 7.63)	1
Massachusetts	2.43	(1.93 – 3.05)	3.46	(2.53 – 4.72)	8.33	(6.39 – 10.79)	1
Michigan	1.93	(1.65 – 2.24)	3.34	(2.77 – 4.01)	5.16	(4.38 – 6.07)	1
Minnesota	1.76	(1.41 – 2.21)	3.42	(2.55 – 4.58)	5.02	(3.74 – 6.71)	0
Mississippi	1.84	(1.45 – 2.33)	2.49	(1.81 – 3.41)	4.25	(3.11 – 5.79)	1
Missouri	1.88	(1.50 – 2.35)	2.94	(2.17 – 3.97)	5.55	(4.28 – 7.18)	1
Montana	1.90	(1.51 – 2.38)	3.62	(2.67 – 4.88)	5.37	(4.09 – 7.03)	1
Nebraska	1.93	(1.52 – 2.44)	3.47	(2.53 – 4.74)	4.68	(3.47 – 6.30)	1
Nevada	1.91	(1.50 – 2.44)	3.41	(2.50 – 4.63)	5.52	(4.16 – 7.29)	1
New Hampshire	2.07	(1.66 – 2.59)	3.19	(2.34 – 4.34)	7.36	(5.70 – 9.44)	1
New Jersey	1.72	(1.36 – 2.17)	2.80	(2.05 – 3.80)	5.52	(4.16 – 7.29)	1
New Mexico	2.11	(1.66 – 2.68)	3.12	(2.19 – 4.41)	6.94	(5.10 – 9.37)	1
New York	2.10	(1.79 – 2.45)	3.18	(2.62 – 3.85)	6.03	(5.17 – 7.03)	1
North Carolina	1.89	(1.49 – 2.40)	3.30	(2.43 – 4.47)	4.96	(3.72 – 6.60)	1
North Dakota	1.69	(1.32 – 2.15)	3.17	(2.30 – 4.35)	4.35	(3.15 – 5.97)	0
Ohio	1.97	(1.69 – 2.28)	2.83	(2.33 – 3.44)	5.76	(4.94 – 6.72)	1
Oklahoma	1.88	(1.49 – 2.37)	2.89	(2.10 – 3.96)	5.55	(4.20 – 7.31)	1

NOTE: Any Illicit Drug includes marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or any prescription-type drug used nonmedically.

NOTE: Dependence is based on the definition found in the 4<sup>th</sup> edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV).

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) interval.

State	Total		AGE GROUP (Years)					
			12–17		18–25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Oregon	2.02	(1.59 – 2.57)	2.46	(1.77 – 3.41)	6.22	(4.76 – 8.09)	1.25	(0.83 –
Pennsylvania	1.68	(1.45 – 1.96)	2.90	(2.40 – 3.51)	5.06	(4.31 – 5.93)	0.98	(0.73 –
Rhode Island	2.63	(2.02 – 3.41)	3.62	(2.63 – 4.96)	8.27	(6.36 – 10.70)	1.48	(0.92 –
South Carolina	1.75	(1.36 – 2.24)	2.55	(1.85 – 3.49)	4.37	(3.26 – 5.84)	1.17	(0.79 –
South Dakota	1.66	(1.31 – 2.09)	3.01	(2.21 – 4.10)	4.47	(3.34 – 5.95)	0.90	(0.59 –
Tennessee	1.83	(1.43 – 2.35)	2.95	(2.15 – 4.03)	4.74	(3.45 – 6.48)	1.20	(0.81 –
Texas	1.71	(1.48 – 1.99)	2.85	(2.32 – 3.50)	4.68	(3.93 – 5.57)	0.95	(0.70 –
Utah	1.77	(1.37 – 2.28)	2.62	(1.86 – 3.68)	3.67	(2.61 – 5.13)	1.05	(0.69 –
Vermont	2.16	(1.75 – 2.66)	3.62	(2.70 – 4.85)	7.57	(5.85 – 9.74)	1.03	(0.68 –
Virginia	1.99	(1.56 – 2.53)	2.99	(2.18 – 4.09)	5.65	(4.29 – 7.42)	1.26	(0.84 –
Washington	2.12	(1.71 – 2.63)	3.08	(2.26 – 4.19)	6.90	(5.35 – 8.84)	1.17	(0.79 –
West Virginia	1.86	(1.48 – 2.35)	3.11	(2.25 – 4.27)	6.03	(4.62 – 7.84)	1.05	(0.70 –
Wisconsin	1.73	(1.37 – 2.19)	3.08	(2.24 – 4.23)	4.78	(3.59 – 6.35)	1.00	(0.65 –
Wyoming	1.71	(1.35 – 2.18)	2.67	(1.95 – 3.66)	5.18	(3.88 – 6.88)	0.92	(0.59 –

NOTE: Any Illicit Drug includes marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or any prescription-type psychotherapeutic nonmedically.

NOTE: Dependence is based on the definition found in the 4<sup>th</sup> edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV).

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002 and 2003.

41005

State	Total		AGE GROUP (Years)					
			12–17		18–25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Total	9.22		8.89		21.37		7.00	
Alabama	7.40	(6.23 – 8.76)	7.14	(5.67 – 8.96)	16.46	(14.04 – 19.22)	5.00	(3.50 – 6.50)
Alaska	10.41	(8.98 – 12.04)	9.45	(7.67 – 11.58)	23.91	(20.86 – 27.26)	8.00	(6.00 – 10.00)
Arizona	11.04	(9.48 – 12.82)	10.62	(8.56 – 13.10)	23.42	(20.37 – 26.77)	8.00	(6.00 – 10.00)
Arkansas	9.10	(7.83 – 10.55)	9.02	(7.29 – 11.11)	21.53	(18.60 – 24.78)	6.00	(4.50 – 7.50)
California	9.00	(8.23 – 9.85)	8.27	(7.25 – 9.42)	19.40	(17.76 – 21.14)	7.00	(5.00 – 9.00)
Colorado	10.81	(9.36 – 12.45)	9.24	(7.44 – 11.41)	25.03	(21.90 – 28.44)	8.00	(6.00 – 10.00)
Connecticut	8.80	(7.51 – 10.30)	8.95	(7.20 – 11.07)	22.74	(19.75 – 26.04)	6.00	(4.50 – 7.50)
Delaware	9.29	(8.03 – 10.72)	8.74	(7.09 – 10.75)	21.46	(18.46 – 24.80)	7.00	(5.00 – 9.00)
District of Columbia	11.87	(10.13 – 13.86)	5.95	(4.54 – 7.76)	21.16	(18.03 – 24.67)	10.00	(7.50 – 12.50)
Florida	8.80	(8.02 – 9.64)	8.85	(7.84 – 9.98)	21.29	(19.66 – 23.01)	7.00	(5.00 – 9.00)
Georgia	9.11	(7.79 – 10.63)	7.82	(6.17 – 9.85)	19.07	(16.27 – 22.22)	7.00	(5.00 – 9.00)
Hawaii	9.15	(7.82 – 10.67)	9.95	(8.02 – 12.29)	23.25	(20.12 – 26.71)	6.00	(4.50 – 7.50)

NOTE: Any Illicit Drug includes marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or any prescription-type psychotherapeutic nonmedically.

NOTE: Dependence or abuse is based on definitions found in the 4<sup>th</sup> edition of the *Diagnostic and Statistical Manual of Mental Disorders*.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

State	Total		AGE GROUP (Years)					
			12–17		18–25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Pre Inter
Idaho	9.75	(8.46 – 11.22)	10.91	(8.92 – 13.29)	21.24	(18.39 – 24.39)	7.19	(5.76 –
Illinois	10.11	(9.27 – 11.01)	9.05	(8.01 – 10.21)	23.32	(21.65 – 25.08)	7.92	(6.92 –
Indiana	9.32	(8.05 – 10.77)	8.81	(7.13 – 10.83)	23.20	(20.18 – 26.52)	6.84	(5.46 –
Iowa	9.47	(8.22 – 10.89)	9.51	(7.71 – 11.69)	22.21	(19.24 – 25.49)	7.04	(5.65 –
Kansas	8.33	(7.15 – 9.69)	7.33	(5.71 – 9.34)	20.75	(17.88 – 23.95)	6.07	(4.77 –
Kentucky	8.04	(6.85 – 9.41)	8.27	(6.60 – 10.31)	18.86	(16.12 – 21.95)	6.13	(4.85 –
Louisiana	9.70	(8.40 – 11.17)	8.67	(7.03 – 10.66)	20.91	(18.12 – 24.00)	7.60	(6.11 –
Maine	8.81	(7.58 – 10.21)	9.07	(7.29 – 11.22)	21.37	(18.66 – 24.35)	6.89	(5.53 –
Maryland	9.19	(7.82 – 10.77)	8.20	(6.52 – 10.26)	20.17	(17.26 – 23.44)	7.59	(6.05 –
Massachusetts	10.71	(9.21 – 12.42)	10.82	(8.80 – 13.25)	24.13	(21.05 – 27.51)	8.55	(6.90 –
Michigan	10.05	(9.20 – 10.97)	9.80	(8.75 – 10.95)	21.81	(20.28 – 23.42)	8.04	(7.02 –
Minnesota	10.57	(9.18 – 12.15)	10.60	(8.77 – 12.76)	24.61	(21.41 – 28.12)	8.02	(6.47 –
Mississippi	7.91	(6.66 – 9.36)	6.29	(4.84 – 8.13)	17.46	(14.76 – 20.54)	6.22	(4.83 –
Missouri	9.58	(8.30 – 11.04)	9.19	(7.47 – 11.25)	23.72	(20.80 – 26.91)	7.14	(5.74 –
Montana	12.02	(10.42 – 13.82)	15.02	(12.58 – 17.83)	26.55	(23.39 – 29.97)	9.00	(7.16 –
Nebraska	11.07	(9.61 – 12.71)	11.75	(9.67 – 14.20)	26.52	(23.25 – 30.06)	7.98	(6.38 –
Nevada	9.75	(8.32 – 11.41)	10.26	(8.34 – 12.58)	21.32	(18.31 – 24.68)	7.87	(6.28 –
New Hampshire	10.90	(9.40 – 12.61)	11.69	(9.53 – 14.27)	27.70	(24.57 – 31.05)	8.18	(6.48 –
New Jersey	7.59	(6.36 – 9.03)	8.08	(6.50 – 10.00)	19.65	(16.81 – 22.84)	5.80	(4.46 –
New Mexico	12.04	(10.27 – 14.07)	11.74	(9.38 – 14.60)	27.35	(23.74 – 31.28)	9.24	(7.24 –
New York	8.88	(8.06 – 9.78)	8.61	(7.59 – 9.75)	20.33	(18.71 – 22.05)	7.02	(6.05 –
North Carolina	8.31	(7.06 – 9.76)	8.30	(6.57 – 10.43)	20.21	(17.32 – 23.46)	6.32	(4.95 –
North Dakota	11.60	(10.04 – 13.36)	12.97	(10.73 – 15.58)	27.99	(24.69 – 31.54)	7.98	(6.24 –
Ohio	9.56	(8.75 – 10.43)	8.99	(7.98 – 10.12)	22.42	(20.83 – 24.09)	7.43	(6.48 –
Oklahoma	8.66	(7.43 – 10.08)	8.96	(7.26 – 11.01)	21.08	(18.13 – 24.36)	6.23	(4.89 –
Oregon	9.25	(8.04 – 10.63)	9.35	(7.62 – 11.43)	22.35	(19.54 – 25.43)	7.02	(5.66 –
Pennsylvania	8.30	(7.55 – 9.12)	8.45	(7.49 – 9.52)	21.57	(19.96 – 23.27)	6.14	(5.27 –
Rhode Island	11.97	(10.33 – 13.82)	9.88	(7.84 – 12.38)	29.42	(25.85 – 33.25)	9.04	(7.23 –
South Carolina	9.26	(7.93 – 10.79)	7.71	(6.09 – 9.72)	22.59	(19.60 – 25.89)	7.11	(5.64 –
South Dakota	11.70	(10.21 – 13.38)	12.84	(10.58 – 15.50)	28.81	(25.46 – 32.40)	8.18	(6.53 –
Tennessee	7.94	(6.74 – 9.34)	7.86	(6.23 – 9.87)	19.07	(16.07 – 22.48)	6.08	(4.79 –
Texas	8.98	(8.24 – 9.78)	8.81	(7.79 – 9.95)	20.09	(18.57 – 21.70)	6.82	(5.94 –
Utah	7.99	(6.73 – 9.45)	6.98	(5.37 – 9.03)	15.73	(13.09 – 18.78)	5.90	(4.47 –
Vermont	9.90	(8.62 – 11.35)	11.47	(9.41 – 13.90)	24.33	(21.43 – 27.49)	7.20	(5.78 –
Virginia	9.09	(7.73 – 10.67)	9.40	(7.50 – 11.72)	22.13	(19.17 – 25.41)	6.93	(5.44 –
Washington	9.48	(8.22 – 10.91)	9.30	(7.48 – 11.50)	23.41	(20.53 – 26.55)	7.12	(5.74 –
West Virginia	8.13	(6.97 – 9.47)	9.30	(7.49 – 11.50)	20.37	(17.57 – 23.48)	6.02	(4.79 –
Wisconsin	10.65	(9.23 – 12.25)	10.09	(8.16 – 12.42)	26.38	(23.21 – 29.82)	7.91	(6.34 –
Wyoming	10.07	(8.70 – 11.64)	9.77	(7.96 – 11.92)	25.38	(22.26 – 28.78)	7.21	(5.72 –

NOTE: Any Illicit Drug includes marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or any prescription-type psychotherapeutic nonmedically.

NOTE: Dependence or abuse is based on definitions found in the 4<sup>th</sup> edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV).

State	Total		AGE GROUP (Years)					
			12-17		18-25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.  
Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002 and 2003.

41005

**Table B.19**  
*Needing But Not Receiving Treatment for Illicit Drug Use in Past Year, by Age Group and State: Percentages, Annual Averages Based on 2002 and 2003 NSDUHs*

State	Total		AGE GROUP (Years)					
			12-17		18-25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Total	2.66		5.00		7.45		1	
Alabama	2.22	(1.80 - 2.73)	4.25	(3.18 - 5.66)	5.94	(4.59 - 7.67)	1	
Alaska	3.13	(2.53 - 3.85)	5.55	(4.26 - 7.21)	8.08	(6.38 - 10.19)	1	
Arizona	3.21	(2.59 - 3.96)	6.65	(5.04 - 8.72)	7.80	(6.12 - 9.90)	1	
Arkansas	2.67	(2.17 - 3.28)	4.78	(3.67 - 6.20)	7.51	(5.84 - 9.61)	1	
California	2.81	(2.46 - 3.20)	4.57	(3.84 - 5.44)	7.33	(6.28 - 8.54)	1	
Colorado	3.04	(2.51 - 3.69)	4.72	(3.58 - 6.22)	9.68	(7.72 - 12.09)	1	
Connecticut	2.81	(2.24 - 3.52)	5.05	(3.82 - 6.64)	8.19	(6.38 - 10.46)	1	
Delaware	2.60	(2.11 - 3.21)	4.50	(3.42 - 5.91)	6.70	(5.14 - 8.70)	1	
District of Columbia	3.02	(2.33 - 3.90)	3.80	(2.74 - 5.25)	8.13	(6.23 - 10.55)	1	
Florida	2.83	(2.47 - 3.24)	5.20	(4.44 - 6.09)	7.76	(6.75 - 8.90)	1	
Georgia	2.55	(2.07 - 3.14)	4.79	(3.65 - 6.27)	5.92	(4.52 - 7.72)	1	
Hawaii	2.63	(2.06 - 3.34)	5.47	(4.10 - 7.27)	7.73	(5.91 - 10.05)	1	
Idaho	2.75	(2.28 - 3.32)	5.82	(4.49 - 7.50)	7.21	(5.69 - 9.10)	1	
Illinois	2.48	(2.19 - 2.81)	5.01	(4.28 - 5.86)	6.96	(6.04 - 8.02)	1	
Indiana	2.52	(2.05 - 3.10)	4.14	(3.06 - 5.56)	6.96	(5.42 - 8.91)	1	
Iowa	2.36	(1.89 - 2.96)	4.18	(3.08 - 5.64)	6.00	(4.56 - 7.85)	1	
Kansas	2.20	(1.77 - 2.72)	3.88	(2.85 - 5.26)	6.29	(4.84 - 8.12)	1	
Kentucky	2.56	(2.09 - 3.14)	5.02	(3.84 - 6.52)	6.98	(5.43 - 8.94)	1	
Louisiana	2.89	(2.32 - 3.58)	4.25	(3.16 - 5.71)	6.77	(5.30 - 8.60)	1	
Maine	2.84	(2.32 - 3.47)	5.35	(4.11 - 6.95)	8.95	(7.17 - 11.11)	1	
Maryland	2.68	(2.20 - 3.27)	4.96	(3.78 - 6.48)	8.62	(6.80 - 10.86)	1	
Massachusetts	3.12	(2.57 - 3.80)	6.08	(4.67 - 7.89)	10.41	(8.23 - 13.09)	1	
Michigan	2.60	(2.29 - 2.94)	5.88	(5.05 - 6.83)	7.19	(6.28 - 8.23)	1	
Minnesota	2.57	(2.10 - 3.14)	5.46	(4.17 - 7.11)	6.97	(5.40 - 8.95)	1	
Mississippi	2.52	(2.03 - 3.12)	3.92	(2.89 - 5.29)	6.26	(4.80 - 8.13)	1	
Missouri	2.78	(2.29 - 3.38)	4.66	(3.58 - 6.04)	8.01	(6.36 - 10.04)	1	
Montana	2.90	(2.39 - 3.52)	6.42	(4.95 - 8.29)	8.02	(6.34 - 10.10)	1	
Nebraska	2.64	(2.15 - 3.24)	5.36	(4.04 - 7.08)	6.25	(4.79 - 8.11)	1	
Nevada	2.69	(2.19 - 3.31)	5.40	(4.09 - 7.10)	7.75	(6.06 - 9.86)	1	
New Hampshire	3.01	(2.48 - 3.65)	6.54	(5.08 - 8.38)	10.57	(8.48 - 13.09)	1	

NOTE: Needing But Not Receiving Treatment refers to respondents classified as needing treatment for illicit drugs, but not receiving treatment at a specialty facility (i.e., drug and alcohol rehabilitation facilities [inpatient or outpatient], hospitals [inpatient only], and mental health facilities). Drugs include marijuana/hashish, cocaine (including crack), inhalants, hallucinogens, heroin, or prescription-type psychotherapeutic (non-

State	Total		AGE GROUP (Years)					
			12–17		18–25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
New Jersey	2.27	(1.84 – 2.80)	4.64	(3.55 – 6.04)	7.07	(5.46 – 9.11)	1.28	(0.88 –
New Mexico	3.50	(2.81 – 4.36)	5.64	(4.13 – 7.67)	10.19	(7.92 – 13.01)	1.92	(1.27 –
New York	2.74	(2.40 – 3.11)	4.98	(4.24 – 5.84)	8.38	(7.34 – 9.56)	1.52	(1.17 –
North Carolina	2.62	(2.11 – 3.25)	5.21	(3.94 – 6.85)	6.65	(5.12 – 8.59)	1.60	(1.11 –
North Dakota	2.59	(2.12 – 3.17)	5.37	(4.10 – 7.00)	6.90	(5.37 – 8.82)	1.31	(0.88 –
Ohio	2.61	(2.32 – 2.94)	5.24	(4.49 – 6.11)	7.76	(6.80 – 8.85)	1.36	(1.06 –
Oklahoma	2.74	(2.23 – 3.36)	4.91	(3.75 – 6.42)	7.25	(5.61 – 9.32)	1.56	(1.06 –
Oregon	2.88	(2.36 – 3.51)	5.07	(3.90 – 6.56)	9.17	(7.35 – 11.38)	1.53	(1.06 –
Pennsylvania	2.24	(1.96 – 2.55)	4.80	(4.08 – 5.64)	7.21	(6.24 – 8.32)	1.11	(0.83 –
Rhode Island	3.18	(2.60 – 3.88)	5.54	(4.13 – 7.40)	11.23	(8.98 – 13.97)	1.42	(0.93 –
South Carolina	2.43	(1.97 – 2.99)	4.32	(3.21 – 5.79)	7.31	(5.66 – 9.40)	1.31	(0.90 –
South Dakota	2.37	(1.93 – 2.91)	5.08	(3.82 – 6.73)	6.20	(4.80 – 7.98)	1.21	(0.80 –
Tennessee	2.54	(2.03 – 3.17)	4.43	(3.30 – 5.91)	6.71	(5.03 – 8.89)	1.59	(1.10 –
Texas	2.47	(2.17 – 2.80)	4.91	(4.16 – 5.78)	6.39	(5.50 – 7.42)	1.31	(1.00 –
Utah	2.69	(2.16 – 3.33)	4.22	(3.08 – 5.75)	5.42	(4.12 – 7.09)	1.59	(1.08 –
Vermont	3.39	(2.83 – 4.07)	7.19	(5.63 – 9.13)	11.52	(9.38 – 14.07)	1.49	(0.99 –
Virginia	2.69	(2.19 – 3.30)	5.51	(4.17 – 7.24)	7.95	(6.28 – 10.01)	1.46	(0.99 –
Washington	3.08	(2.56 – 3.71)	5.76	(4.43 – 7.47)	10.00	(8.01 – 12.42)	1.53	(1.06 –
West Virginia	2.46	(2.04 – 2.97)	5.29	(4.06 – 6.86)	8.37	(6.64 – 10.49)	1.18	(0.82 –
Wisconsin	2.28	(1.89 – 2.75)	5.67	(4.28 – 7.48)	6.84	(5.32 – 8.74)	0.99	(0.68 –
Wyoming	2.46	(1.98 – 3.06)	4.23	(3.17 – 5.62)	7.82	(6.04 – 10.06)	1.19	(0.78 –

NOTE: Needing But Not Receiving Treatment refers to respondents classified as needing treatment for illicit drugs, but not receiving treatment for an illicit problem at a specialty facility (i.e., drug and alcohol rehabilitation facilities [inpatient or outpatient], hospitals [inpatient only], and mental health centers). Drugs include marijuana/hashish, cocaine (including crack), inhalants, hallucinogens, heroin, or prescription-type psychotherapeutic (nonmedical use).

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002 and 2003.

41005

**Table B.20**  
**Needing But Not Receiving Treatment for Alcohol Use in Past Year, by Age Group and State: Percentages, Annual Averages Based on 2002 and 2003**

State	Total		AGE GROUP (Years)					
			12–17		18–25		Estimate	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval		
Total	7.19		5.59		16.89		5	
Alabama	5.81	(4.80 – 7.01)	4.65	(3.51 – 6.13)	13.20	(11.00 – 15.77)	4	
Alaska	7.76	(6.45 – 9.32)	5.37	(4.15 – 6.93)	18.23	(15.61 – 21.18)	6	
Arizona	9.02	(7.58 – 10.71)	7.16	(5.52 – 9.24)	18.75	(15.94 – 21.92)	7	
Arkansas	7.33	(6.14 – 8.73)	6.08	(4.72 – 7.80)	17.14	(14.49 – 20.17)	5	
California	6.95	(6.27 – 7.71)	5.05	(4.28 – 5.95)	14.54	(13.08 – 16.13)	5	
Colorado	8.55	(7.26 – 10.03)	6.24	(4.88 – 7.95)	20.00	(17.08 – 23.27)	6	

NOTE: Needing But Not Receiving Treatment refers to respondents classified as needing treatment for alcohol, but not receiving treatment at a specialty facility (i.e., drug and alcohol rehabilitation facilities [inpatient or outpatient], hospitals [inpatient only], and mental health centers).

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

State	Total		AGE GROUP (Years)					
			12–17		18–25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Pre Inter
Connecticut	6.44	(5.33 – 7.77)	5.24	(4.00 – 6.85)	18.16	(15.53 – 21.13)	4.90	(3.68 –
Delaware	7.09	(5.97 – 8.41)	5.50	(4.26 – 7.07)	17.19	(14.70 – 20.00)	5.56	(4.32 –
District of Columbia	8.88	(7.37 – 10.66)	2.48	(1.69 – 3.64)	16.09	(13.40 – 19.20)	8.03	(6.28 –
Florida	6.47	(5.79 – 7.22)	4.93	(4.20 – 5.79)	16.46	(14.92 – 18.13)	5.22	(4.45 –
Georgia	7.07	(5.91 – 8.45)	4.68	(3.54 – 6.17)	14.94	(12.45 – 17.82)	5.99	(4.66 –
Hawaii	7.31	(6.08 – 8.78)	6.19	(4.67 – 8.16)	17.85	(14.97 – 21.14)	5.79	(4.41 –
Idaho	8.18	(6.96 – 9.60)	7.69	(6.07 – 9.69)	18.00	(15.36 – 20.98)	6.23	(4.85 –
Illinois	8.31	(7.54 – 9.15)	5.84	(5.04 – 6.76)	18.98	(17.38 – 20.68)	6.77	(5.86 –
Indiana	7.15	(6.02 – 8.47)	5.51	(4.26 – 7.10)	18.15	(15.46 – 21.21)	5.36	(4.14 –
Iowa	7.64	(6.47 – 9.01)	7.01	(5.55 – 8.82)	18.20	(15.45 – 21.32)	5.72	(4.45 –
Kansas	6.85	(5.75 – 8.15)	4.98	(3.71 – 6.67)	17.70	(15.06 – 20.69)	5.02	(3.80 –
Kentucky	5.90	(4.82 – 7.20)	5.21	(4.01 – 6.76)	14.15	(11.81 – 16.86)	4.55	(3.39 –
Louisiana	7.34	(6.20 – 8.66)	5.09	(3.94 – 6.55)	16.67	(14.15 – 19.53)	5.81	(4.51 –
Maine	6.59	(5.46 – 7.94)	5.43	(4.23 – 6.95)	17.24	(14.62 – 20.22)	5.15	(3.92 –
Maryland	7.09	(5.91 – 8.49)	5.19	(3.99 – 6.71)	15.17	(12.60 – 18.16)	6.08	(4.73 –
Massachusetts	7.86	(6.58 – 9.37)	7.15	(5.62 – 9.07)	18.08	(15.29 – 21.26)	6.31	(4.89 –
Michigan	8.05	(7.26 – 8.91)	6.22	(5.39 – 7.16)	17.31	(15.86 – 18.86)	6.70	(5.76 –
Minnesota	8.14	(6.91 – 9.58)	6.55	(5.14 – 8.31)	19.75	(16.92 – 22.93)	6.26	(4.91 –
Mississippi	6.17	(5.08 – 7.47)	3.47	(2.58 – 4.66)	13.69	(11.35 – 16.42)	5.06	(3.83 –
Missouri	7.63	(6.48 – 8.97)	6.09	(4.80 – 7.69)	19.32	(16.61 – 22.36)	5.78	(4.51 –
Montana	9.99	(8.43 – 11.80)	10.37	(8.31 – 12.87)	22.55	(19.64 – 25.74)	7.69	(5.91 –
Nebraska	9.51	(8.14 – 11.09)	8.42	(6.70 – 10.55)	23.20	(20.14 – 26.57)	7.03	(5.49 –
Nevada	7.83	(6.49 – 9.40)	6.80	(5.35 – 8.61)	15.54	(13.02 – 18.44)	6.75	(5.24 –
New Hampshire	8.64	(7.28 – 10.22)	7.33	(5.77 – 9.28)	22.30	(19.37 – 25.53)	6.69	(5.17 –
New Jersey	5.81	(4.77 – 7.06)	4.97	(3.75 – 6.56)	15.91	(13.26 – 18.96)	4.48	(3.35 –
New Mexico	9.40	(7.87 – 11.20)	7.46	(5.73 – 9.66)	21.52	(18.32 – 25.11)	7.45	(5.68 –
New York	6.77	(6.02 – 7.62)	5.36	(4.56 – 6.29)	15.53	(14.06 – 17.11)	5.50	(4.62 –
North Carolina	6.31	(5.22 – 7.60)	5.34	(4.07 – 6.96)	16.04	(13.45 – 19.02)	4.80	(3.61 –
North Dakota	9.91	(8.51 – 11.51)	9.46	(7.47 – 11.91)	25.71	(22.41 – 29.31)	6.66	(5.11 –
Ohio	7.47	(6.73 – 8.28)	5.59	(4.83 – 6.47)	17.69	(16.21 – 19.27)	5.97	(5.10 –
Oklahoma	6.61	(5.50 – 7.93)	5.41	(4.16 – 7.00)	16.77	(14.02 – 19.94)	4.83	(3.64 –
Oregon	6.93	(5.82 – 8.23)	5.78	(4.53 – 7.35)	16.86	(14.35 – 19.71)	5.40	(4.19 –
Pennsylvania	6.54	(5.87 – 7.28)	5.20	(4.46 – 6.07)	17.60	(16.10 – 19.20)	4.93	(4.15 –
Rhode Island	9.01	(7.57 – 10.69)	6.28	(4.82 – 8.16)	23.85	(20.54 – 27.51)	6.65	(5.04 –
South Carolina	7.38	(6.15 – 8.83)	4.50	(3.39 – 5.96)	18.58	(15.78 – 21.75)	5.78	(4.41 –
South Dakota	9.59	(8.24 – 11.13)	8.55	(6.75 – 10.77)	24.04	(20.93 – 27.45)	6.92	(5.41 –
Tennessee	5.70	(4.67 – 6.95)	4.62	(3.49 – 6.08)	14.41	(11.76 – 17.54)	4.38	(3.28 –
Texas	7.43	(6.75 – 8.17)	5.65	(4.81 – 6.63)	16.62	(15.19 – 18.15)	5.91	(5.10 –
Utah	6.33	(5.22 – 7.65)	4.71	(3.49 – 6.32)	12.89	(10.49 – 15.75)	4.71	(3.47 –
Vermont	7.30	(6.15 – 8.64)	6.43	(5.05 – 8.15)	18.33	(15.59 – 21.43)	5.51	(4.26 –
Virginia	7.08	(5.94 – 8.43)	6.01	(4.62 – 7.78)	17.15	(14.61 – 20.01)	5.59	(4.31 –
Washington	7.00	(5.85 – 8.34)	5.70	(4.43 – 7.31)	17.79	(15.15 – 20.78)	5.33	(4.08 –

State	Total		AGE GROUP (Years)					
			12-17		18-25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
West Virginia	6.17	(5.13 – 7.40)	6.31	(4.94 – 8.04)	15.53	(13.05 – 18.38)	4.64	(3.52 –
Wisconsin	8.92	(7.60 – 10.44)	7.00	(5.42 – 8.98)	22.25	(19.34 – 25.46)	6.80	(5.34 –
Wyoming	8.71	(7.43 – 10.19)	7.13	(5.62 – 9.00)	23.02	(19.97 – 26.37)	6.22	(4.82 –

NOTE: Needing But Not Receiving Treatment refers to respondents classified as needing treatment for alcohol, but not receiving treatment for an alcohol problem at a specialty facility (i.e., drug and alcohol rehabilitation facilities [inpatient or outpatient], hospitals [inpatient only], and mental health centers).

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002 and 2003.

41005

**Table B.21**  
*Serious Mental Illness in Past Year, by Age Group and State: Percentages, Annual Averages Based on 2002 and 2003 NSDUHs*

State	Total		AGE GROUP (Years)			
			18-25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Total	8.76		13.55		7.93	
Alabama	9.57	(8.11 – 11.27)	14.09	(12.07 – 16.37)	8.78	(7.17 –
Alaska	8.46	(6.93 – 10.30)	12.76	(10.77 – 15.05)	7.74	(6.06 –
Arizona	9.51	(7.94 – 11.36)	13.77	(11.62 – 16.26)	8.75	(7.03 –
Arkansas	10.02	(8.51 – 11.77)	14.35	(12.23 – 16.76)	9.26	(7.59 –
California	8.21	(7.35 – 9.18)	13.26	(11.99 – 14.65)	7.29	(6.33 –
Colorado	8.66	(7.25 – 10.31)	13.83	(11.69 – 16.30)	7.76	(6.24 –
Connecticut	8.11	(6.75 – 9.72)	13.32	(11.35 – 15.57)	7.35	(5.87 –
Delaware	8.92	(7.49 – 10.60)	13.01	(11.01 – 15.30)	8.22	(6.67 –
District of Columbia	8.59	(7.17 – 10.26)	13.32	(11.19 – 15.79)	7.66	(6.14 –
Florida	7.94	(7.09 – 8.89)	12.86	(11.60 – 14.23)	7.24	(6.31 –
Georgia	9.79	(8.21 – 11.63)	13.66	(11.55 – 16.07)	9.08	(7.36 –
Hawaii	7.18	(5.92 – 8.67)	12.19	(10.07 – 14.67)	6.38	(5.02 –
Idaho	10.45	(8.86 – 12.28)	15.35	(13.08 – 17.93)	9.43	(7.69 –
Illinois	7.77	(6.90 – 8.74)	11.76	(10.64 – 12.99)	7.07	(6.10 –
Indiana	9.11	(7.69 – 10.76)	14.37	(12.30 – 16.72)	8.14	(6.61 –
Iowa	7.97	(6.74 – 9.41)	13.75	(11.68 – 16.11)	6.88	(5.55 –
Kansas	9.13	(7.70 – 10.79)	13.70	(11.71 – 15.96)	8.24	(6.69 –
Kentucky	10.04	(8.47 – 11.86)	15.12	(13.00 – 17.51)	9.15	(7.43 –
Louisiana	9.01	(7.61 – 10.62)	14.02	(12.05 – 16.26)	8.00	(6.47 –
Maine	9.79	(8.27 – 11.56)	16.55	(14.27 – 19.12)	8.78	(7.13 –
Maryland	8.02	(6.69 – 9.58)	12.70	(10.74 – 14.95)	7.28	(5.84 –
Massachusetts	8.74	(7.37 – 10.35)	14.66	(12.43 – 17.21)	7.80	(6.33 –
Michigan	8.40	(7.54 – 9.35)	12.58	(11.41 – 13.84)	7.68	(6.72 –
Minnesota	8.82	(7.41 – 10.46)	13.31	(11.28 – 15.64)	8.01	(6.47 –

NOTE: Serious Mental Illness (SMI) is defined as having a diagnosable mental, behavioral, or emotional disorder that met the criteria found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV) and resulted in functional impairment that substantially interfered with or limited one or more major life activities.

NOTE: Data for Serious Mental Illness (SMI) are not defined for 12 to 17 year olds; therefore, "Total" estimate reflects ages 18 or older.



State	Total		AGE GROUP (Years)			
			18–25		26 or Older	
	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval	Estimate	95% Prediction Interval
Mississippi	8.70	(7.35 – 10.28)	13.61	(11.47 – 16.07)	7.71	(6.25 – 9.49)
Missouri	10.39	(8.83 – 12.18)	15.98	(13.72 – 18.55)	9.40	(7.71 – 11.41)
Montana	9.84	(8.33 – 11.59)	15.16	(13.11 – 17.46)	8.89	(7.23 – 10.89)
Nebraska	7.75	(6.50 – 9.20)	13.36	(11.27 – 15.76)	6.66	(5.31 – 8.33)
Nevada	9.77	(8.18 – 11.63)	12.76	(10.81 – 15.02)	9.30	(7.57 – 11.37)
New Hampshire	8.80	(7.45 – 10.37)	14.82	(12.68 – 17.26)	7.86	(6.42 – 9.60)
New Jersey	7.39	(6.15 – 8.85)	12.37	(10.42 – 14.64)	6.68	(5.35 – 8.30)
New Mexico	9.65	(7.99 – 11.61)	15.02	(12.67 – 17.72)	8.65	(6.84 – 10.89)
New York	9.13	(8.16 – 10.20)	15.29	(13.91 – 16.78)	8.11	(7.05 – 9.31)
North Carolina	9.49	(7.94 – 11.31)	12.86	(10.86 – 15.17)	8.92	(7.23 – 10.97)
North Dakota	8.99	(7.63 – 10.57)	13.84	(11.73 – 16.25)	7.98	(6.50 – 9.75)
Ohio	9.30	(8.37 – 10.32)	13.87	(12.59 – 15.25)	8.51	(7.47 – 9.69)
Oklahoma	10.93	(9.23 – 12.91)	14.87	(12.64 – 17.42)	10.17	(8.26 – 12.47)
Oregon	9.80	(8.28 – 11.56)	14.40	(12.35 – 16.73)	9.02	(7.35 – 11.02)
Pennsylvania	7.58	(6.77 – 8.48)	13.34	(12.11 – 14.67)	6.65	(5.75 – 7.67)
Rhode Island	10.98	(9.19 – 13.07)	16.84	(14.37 – 19.62)	9.91	(7.96 – 12.28)
South Carolina	9.10	(7.65 – 10.80)	13.32	(11.28 – 15.66)	8.35	(6.75 – 10.30)
South Dakota	8.60	(7.23 – 10.21)	14.42	(12.27 – 16.87)	7.47	(5.97 – 9.29)
Tennessee	9.09	(7.68 – 10.74)	13.43	(11.34 – 15.83)	8.36	(6.82 – 10.22)
Texas	8.40	(7.56 – 9.32)	12.41	(11.21 – 13.71)	7.61	(6.66 – 8.68)
Utah	10.97	(9.47 – 12.69)	14.97	(12.81 – 17.42)	9.80	(8.08 – 11.84)
Vermont	8.62	(7.21 – 10.27)	13.54	(11.53 – 15.85)	7.77	(6.25 – 9.62)
Virginia	8.09	(6.72 – 9.72)	12.50	(10.60 – 14.69)	7.37	(5.89 – 9.20)
Washington	10.46	(8.93 – 12.22)	14.80	(12.75 – 17.12)	9.72	(8.02 – 11.73)
West Virginia	10.34	(8.71 – 12.22)	15.61	(13.36 – 18.16)	9.48	(7.72 – 11.60)
Wisconsin	8.69	(7.26 – 10.37)	12.45	(10.55 – 14.63)	8.02	(6.45 – 9.93)
Wyoming	9.33	(7.90 – 10.98)	15.45	(13.20 – 18.01)	8.17	(6.61 – 10.05)

NOTE: Serious Mental Illness (SMI) is defined as having a diagnosable mental, behavioral, or emotional disorder that met the criteria found in the 4<sup>th</sup> edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)* and resulted in functional impairment that substantially interfered with or limited one or more major life activities.

NOTE: Data for Serious Mental Illness (SMI) are not defined for 12 to 17 year olds; therefore, "Total" estimate reflects ages 18 or older.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach, and the 95 percent prediction (credible) intervals are generated by Markov Chain Monte Carlo techniques.

Source: SAMHSA, Office of Applied Studies, National Survey on Drug Use and Health, 2002 and 2003.

## TOC

This page was last updated on March 29, 2006.

**SAMHSA, an agency in the Department of Health and Human Services, is the Federal Government's lead agency for improving the quality and availability of substance abuse**

**prevention, addiction treatment, and mental health services in the United States.**

---

[Site Map](#) | [Contact Us](#) | [Accessibility](#) | [Privacy Policy](#) | [Freedom of Information Act Disclaimer](#) | [Department of Health and Human Services](#) | [SAMHSA](#) | [White House](#) | [USA.gov](#)

\* PDF formatted files require that Adobe Acrobat Reader® program is installed on your computer. [Click here to download this FREE software now from Adobe.](#)

<a href="#">What's New</a>	<a href="#">Highlights</a>	<a href="#">Topics</a>	<a href="#">Data</a>	<a href="#">Drugs</a>	<a href="#">Pubs</a>	<a href="#">Short Reports</a>	<a href="#">Treatment</a>	<a href="#">Help</a>	<a href="#">Mail</a>	<a href="#">OAS</a>
----------------------------	----------------------------	------------------------	----------------------	-----------------------	----------------------	-------------------------------	---------------------------	----------------------	----------------------	---------------------