## Detail Tables

Notes on tables: The Detail Tables corresponding to Chapters 2 through 6 each have a Wave 1 estimate, a Wave 2 estimate, a Wave 3 estimate, a Wave 4 estimate, an average for 2000 (Waves 1 and 2), an average for 2001 (Waves 3 and 4). This shows change between each wave. The tables also include an estimate of change from 2000 to 2001 with a 95 percent confidence interval (CI). Significant changes between the two years are flagged with an asterisk. Significant change was defined as having a 95 percent Cl that does not overlap a no-change value of zero. The simple averages for 2000 and 2001 are particularly useful for analyzing stable subgroup diversity. " S " denotes cells where statistics were suppressed because the sample size was too small to meet NIDA publication standards. See Appendix A for details on suppression rules.
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Table 2-1. Sample sizes and population estimates for youth subpopulations

| Characteristics | Sample size |  |  |  | Population estimate (thousands) |  |  |  | 95\% Confidence interval |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 | Wave 2 | Wave 3 | Wave 4 | Wave 1 | Wave 2 | Wave 3 | Wave 4 | Wave 1 | Wave 2 | Wave 3 | Wave 4 |
| All youth aged 9 to 18 $\qquad$ | 3,312 | 2,362 | 2,459 | 2,478 | 39,590 | 39,931 | 40,308 | 40,497 | $(39,421,39,759)$ | $(39,764,40,098)$ | $(40,260,40,356)$ | $(40,497,40,497)$ |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 1,056 | 658 | 725 | 664 | 7,832 | 7,993 | 8,055 | 8,198 | $(7,776,7,888)$ | $(7,955,8,032)$ | $(8,036,8,074)$ | $(8,198,8,198)$ |
| 14 to 15 | 552 | 394 | 376 | 806 | 8,533 | 8,928 | 9,135 | 8,489 | $(8,001,9,065)$ | $(8,208,9,648)$ | $(8,321,9,949)$ | $(7,893,9,085)$ |
| 16 to 18 | 613 | 387 | 380 | 585 | 10,662 | 10,409 | 10,283 | 11,025 | $(10,149,11,175)$ | $(9,698,11,121)$ | (9,467,11,099) | $(10,429,11,621)$ |
| 14 to 18 | 1,165 | 781 | 756 | 1,391 | 19,195 | 19,338 | 19,418 | 19,513 | $(19,038,19,352)$ | $(19,273,19,402)$ | (19,382,19,454) | $(19,513,19,513)$ |
| 12 to 18 | 2,221 | 1,439 | 1,481 | 2,055 | 27,027 | 27,331 | 27,473 | 27,711 | (26,853,27,202) | $(27,257,27,405)$ | $(27,431,27,514)$ | $(27,711,27,711)$ |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |  |  |
| Males | 1,171 | 723 | 744 | 1,094 | 13,756 | 14,013 | 14,066 | 14,247 | $(13,648,13,864)$ | $(13,937,14,089)$ | $(14,030,14,102)$ | $(14,150,14,343)$ |
| Females | 1,050 | 716 | 737 | 961 | 13,272 | 13,318 | 13,407 | 13,465 | $(13,134,13,409)$ | $(13,243,13,393)$ | $(13,388,13,426)$ | $(13,368,13,562)$ |
| White | 1,501 | 955 | 969 | 1,404 | 18,116 | 17,957 | 18,116 | 18,424 | $(17,813,18,420)$ | $(17,219,18,694)$ | $(17,722,18,509)$ | $(18,150,18,699)$ |
| African American_ | 310 | 216 | 232 | 269 | 4,117 | 4,245 | 4,238 | 4,365 | $(4,069,4,164)$ | $(4,229,4,262)$ | $(4,238,4,238)$ | $(4,365,4,365)$ |
| Hispanic | 331 | 210 | 209 | 312 | 3,847 | 3,986 | 4,005 | 4,062 | $(3,828,3,865)$ | (3,950,4,022) | $(4,005,4,005)$ | (4,062,4,062) |
| Risk score |  |  |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 661 | 391 | 398 | 628 | 10,158 | 9,223 | 9,662 | 9,676 | $(9,528,10,787)$ | (8,427,10,019) | (8,837,10,487) | (9,011,10,342) |
| Lower risk | 1,313 | 896 | 934 | 1,242 | 14,009 | 14,835 | 14,907 | 15,489 | $(13,306,14,712)$ | $(13,900,15,771)$ | $(14,088,15,727)$ | $(14,813,16,166)$ |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |  |  |
| High | 1,162 | 737 | 767 | 1,125 | 14,989 | 14,436 | 15,649 | 15,103 | $(14,307,15,670)$ | $(13,602,15,270)$ | $(14,865,16,432)$ | $(14,432,15,774)$ |
| Low | 999 | 667 | 679 | 880 | 11,361 | 12,158 | 11,339 | 11,955 | $(10,620,12,103)$ | $(11,318,12,999)$ | $(10,537,12,141)$ | $(11,236,12,675)$ |
| Use of Marijuana |  |  |  |  |  |  |  |  |  |  |  |  |
| Nonuser | 1,834 | 1,210 | 1,238 | 1,642 | 20,852 | 21,424 | 21,141 | 21,415 | $(20,165,21,539)$ | $(20,619,22,229)$ | $(20,214,22,069)$ | $(20,709,22,121)$ |
| Occasional user_ | 184 | 108 | 106 | 172 | 2,890 | 2,602 | 2,495 | 2,505 | $(2,365,3,415)$ | (2,041,3,164) | (1,990,2,999) | (2,029,2,980) |

NOTE: The detail by race and ethnicity does not add to 100 percent of the total because the detail on other races is not shown.

Table 3-1. Percent of youth recalling having seen youth-targeted Campaign TV ads at least once per week, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent recalling having seen TV ads at least once per week |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | Wave 2 \% | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 39.5 | 42.9 | 50.6 | 59.7 | 41.2 | $(38.1,44.4)$ | 55.2 | (52.2,58.1) | 13.9 | *(10.2,17.7) |
| 14 to 15 | 39.4 | 37.9 | 48.0 | 59.7 | 38.7 | $(35.0,42.5)$ | 53.6 | (49.4,57.7) | 15.0 | * $(9.6,20.3)$ |
| 16 to 18 | 29.3 | 35.6 | 46.9 | 47.8 | 32.4 | (28.9,36.1) | 47.3 | (43.7,51.0) | 14.9 | *(9.8,20.0) |
| 14 to 18 | 33.8 | 36.6 | 47.4 | 53.0 | 35.2 | (32.6,38.0) | 50.2 | $(47.3,53.0)$ | 14.9 | *(11.3,18.6) |
| 12 to 18 | 35.4 | 38.5 | 48.3 | 55.0 | 37.0 | (34.8,39.2) | 51.6 | (49.2,54.1) | 14.7 | *(11.7,17.6) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 33.3 | 37.7 | 44.4 | 53.2 | 35.5 | (32.7,38.5) | 48.8 | (45.6,52.1) | 13.3 | *(8.6,18.0) |
| Females | 37.7 | 39.3 | 52.5 | 56.8 | 38.5 | (35.7,41.4) | 54.6 | (51.2,58.0) | 16.1 | * $12.2,20.1$ ) |
| White | 32.6 | 36.0 | 45.8 | 53.3 | 34.3 | $(31.8,36.9)$ | 49.6 | $(46.6,52.5)$ | 15.3 | *(11.8,18.7) |
| African American | 48.8 | 44.5 | 48.6 | 65.3 | 46.6 | $(40.5,52.9)$ | 57.1 | $(51.1,62.9)$ | 10.5 | * $(2.9,18.0)$ |
| Hispanic | 37.4 | 45.4 | 60.5 | 52.3 | 41.5 | $(36.3,46.8)$ | 56.4 | (50.6,62.0) | 14.9 | * $(8.5,21.3)$ |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 33.9 | 36.7 | 45.4 | 50.5 | 35.2 | $(31.7,38.9)$ | 48.0 | (43.6,52.4) | 12.7 | * $(6.6,18.9)$ |
| Lower risk | 37.8 | 38.7 | 47.6 | 57.9 | 38.3 | $(35.8,40.9)$ | 52.9 | (50.3,55.4) | 14.6 | *(11.4,17.7) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 35.3 | 38.8 | 48.4 | 55.1 | 37.1 | $(34.1,40.1)$ | 51.7 | $(48.4,55.0)$ | 14.7 | *(10.1,19.2) |
| Low | 35.7 | 37.8 | 47.8 | 54.8 | 36.8 | (33.6,40.2) | 51.4 | (48.3,54.4) | 14.6 | *(10.3,18.9) |

Table 3-2. Summary of recall among youth for all eligible Campaign TV ads

| Total recall <br> Number of ad viewings per month | Recall for all TV platform ads |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave $1^{1}$$\%$ | Wave 2 \% | Wave 3 <br> \% | Wave 4$\%$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Average for all waves |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | \% | 95\% CI |
| Youth aged 12 to 13 |  |  |  |  |  |  |  |  |  |  |
| 0 | 16.1 | 11.7 | 14.1 | 9.9 | 13.9 | $(12.1,15.9)$ | 12.0 | $(10.1,14.2)$ | 12.9 | (11.7,14.3) |
| 0.01 to .99 | 8.2 | 5.4 | 3.8 | 4.0 | 6.8 | (5.6,8.2) | 3.9 | (3.0,5.0) | 5.3 | $(4.5,6.2)$ |
| 1-3.99 | 36.9 | 39.9 | 31.5 | 26.4 | 38.4 | $(35.8,41.1)$ | 28.9 | $(26.5,31.5)$ | 33.6 | $(31.8,35.5)$ |
| 4-11.99 | 31.3 | 34.6 | 40.0 | 43.7 | 33.0 | $(30.3,35.7)$ | 41.8 | $(39.3,44.4)$ | 37.5 | $(35.5,39.5)$ |
| 12 or more | 7.6 | 8.3 | 10.6 | 16.0 | 8.0 | $(6.6,9.7)$ | 13.3 | $(11.4,15.5)$ | 10.7 | (9.4,12.1) |
| Total | 100.1 | 99.9 | 100.0 | 100.0 | --- | --- | --- | --- | --- | --- |
| Mean | 8.53 | 9.28 | 10.53 | 12.97 | 8.91 | (8.33,9.49) | 11.76 | (11.09,12.43) | 10.35 | $(9.86,10.84)$ |
| 95\% CI | (7.85,9.20) | (8.45,10.11) | $(9.76,11.30)$ | $(11.92,14.02)$ | --- | --- | --- | --- | --- | --- |
| Youth aged 14 to 18 |  |  |  |  |  |  |  |  |  |  |
| 0 | 18.0 | 13.1 | 12.8 | 12.7 | 15.5 | $(13.4,17.9)$ | 12.7 | $(10.4,15.5)$ | 14.1 | $(12.3,16.1)$ |
| 0.01 to . 99 | 7.9 | 8.6 | 5.2 | 4.7 | 8.2 | $(6.8,9.9)$ | 5.0 | $(3.9,6.3)$ | 6.6 | $(5.6,7.8)$ |
| 1-3.99 | 41.0 | 41.7 | 34.6 | 29.7 | 41.3 | (38.7,44.0) | 32.1 | $(29.5,34.8)$ | 36.7 | $(34.9,38.6)$ |
| 4-11.99 | 28.5 | 30.1 | 37.3 | 40.4 | 29.3 | (26.7,32.1) | 38.9 | $(36.3,41.5)$ | 34.1 | (32.1,36.2) |
| 12 or more | 4.7 | 6.6 | 10.1 | 12.6 | 5.6 | $(4.5,6.9)$ | 11.3 | (10.0,12.8) | 8.5 | $(7.6,9.5)$ |
| Total | 100.1 | 100.1 | 100.0 | 100.1 | --- | --- | --- | --- | --- | --- |
| Mean | 7.22 | 8.23 | 10.18 | 11.28 | 7.73 | (7.28,8.17) | 10.73 | (10.21,11.25) | 9.24 | (8.88,9.60) |
| 95\% CI | $(6.78,7.67)$ | (7.45,9.00) | $(9.33,11.03)$ | (10.64,11.92) | --- | --- | --- | --- | --- | --- |

[^0]Table 3-3. Summary of recall of TV ads among youth for the "Negative Consequences" strategic platform ads

| Total recall <br> Number of ad viewings per month | Percent recalling "Negative Consequences" TV ads |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 \% | $\begin{gathered} \text { Wave } 2 \\ \% \end{gathered}$ | $\begin{gathered} \text { Wave } 3^{1} \\ \% \end{gathered}$ | Wave 4 \% |  | for Waves (Year 2000) 95\% CI |  | for Waves Year 2001) 95\% CI | \% | age for waves 95\% CI |
| Youth aged 12 to 13 |  |  |  |  |  |  |  |  |  |  |
| 0 | 66.1 | 65.6 | 100.0 | 42.9 | 65.8 | (62.3,69.2) | 71.2 | (68.0,74.3) | 68.6 | (66.3,70.8) |
| 0.01 to . 99 | 4.1 | 3.8 | 0.0 | 4.6 | 4.0 | (3.0,5.2) | 2.3 | $(1.5,3.5)$ | 3.1 | $(2.5,3.9)$ |
| 1-3.99 | 21.5 | 17.8 | 0.0 | 30.1 | 19.6 | (17.2,22.3) | 15.2 | (13.0,17.6) | 17.4 | $(15.7,19.1)$ |
| 4-11.99 | 7.9 | 11.4 | 0.0 | 21.6 | 9.7 | $(8.2,11.5)$ | 10.9 | $(8.9,13.3)$ | 10.3 | (8.9,11.9) |
| 12 or more | 0.4 | 1.4 | 0.0 | 0.8 | 0.9 | $(0.5,1.7)$ | 0.4 | $(0.2,0.8)$ | 0.6 | (0.4,1.0) |
| Total | 100.0 | 100.0 | 100.0 | 100.0 | --- | --- | --- | --- | --- | --- |
| Mean | 2.14 | 2.71 | 0.00 | 4.49 | 2.43 | $(2.11,2.74)$ | 2.27 | $(1.95,2.59)$ | 2.35 | $(2.11,2.58)$ |
| 95\% CI | $(1.85,2.42)$ | (2.15,3.27) | (S) | $(3.86,5.13)$ | --- | --- | --- | --- | --- | --- |
| Youth aged 14 to 18 |  |  |  |  |  |  |  |  |  |  |
| 0 | 66.1 | 65.8 | 100.0 | 46.0 | 66.0 | (62.8,69.0) | 72.9 | (70.0,75.7) | 69.5 | (67.3,71.6) |
| 0.01 to . 99 | 6.6 | 4.6 | 0.0 | 5.0 | 5.6 | $(4.2,7.4)$ | 2.5 | $(1.8,3.4)$ | 4.0 | $(3.2,5.0)$ |
| 1-3.99 | 23.1 | 21.1 | 0.0 | 29.3 | 22.1 | (19.6,24.8) | 14.7 | $(12.9,16.7)$ | 18.4 | $(16.8,20.1)$ |
| 4-11.99 | 4.1 | 7.6 | 0.0 | 19.2 | 5.8 | (4.8,7.1) | 9.6 | (8.3,11.2) | 7.8 | $(6.8,8.8)$ |
| 12 or more | 0.1 | 0.9 | 0.0 | 0.4 | 0.5 | $(0.3,1.0)$ | 0.2 | (0.1,0.4) | 0.4 | $(0.2,0.6)$ |
| Total | 100.0 | 100.0 | 100.0 | 99.9 | --- | --- | --- | --- | --- | --- |
| Mean | 1.62 | 2.20 | 0.00 | 4.06 | 1.91 | (1.68,2.14) | 2.04 | $(1.79,2.28)$ | 1.97 | (1.80,2.15) |
| 95\% CI | $(1.43,1.81)$ | (1.79,2.61) | (S) | $(3.58,4.55)$ | --- | --- | --- | --- | --- | --- |

[^1]Table 3-4. Summary of recall of TV ads among youth for the "Normative Positive Consequences" strategic platform ads

| Total recall <br> Number of ad viewings per month | Percent recalling "Normative Positive Consequences" TV ads |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | $\begin{aligned} & \hline \text { Aven } \\ & 1 \text { anc } \\ & \% \\ & \hline \end{aligned}$ | for Waves (Year 2000) $95 \%$ CI | Avers 3 an $\%$ | $\begin{gathered} \hline \text { for Waves } \\ \text { (Year 2001) } \\ 95 \% \mathrm{CI} \\ \hline \end{gathered}$ | \% | rage for waves 95\% CI |
| Youth aged 12 to 13 |  |  |  |  |  |  |  |  |  |  |
| 0 | 45.2 | 34.6 | 38.0 | 19.6 | 39.9 | (37.3,42.6) | 28.7 | (25.8,31.8) | 34.2 | (32.3,36.2) |
| 0.01 to . 99 | 8.9 | 12.1 | 5.0 | 6.2 | 10.5 | $(8.9,12.4)$ | 5.6 | $(4.4,7.1)$ | 8.0 | $(6.9,9.4)$ |
| 1-3.99 | 32.5 | 41.9 | 31.5 | 36.1 | 37.3 | (34.9,39.7) | 33.8 | $(31.1,36.7)$ | 35.5 | (33.8,37.3) |
| 4-11.99 | 11.9 | 10.2 | 22.3 | 29.8 | 11.0 | $(9.5,12.9)$ | 26.1 | (23.2,29.3) | 18.7 | $(16.9,20.6)$ |
| 12 or more | 1.4 | 1.1 | 3.2 | 8.3 | 1.3 | (0.8,2.0) | 5.8 | $(4.7,7.0)$ | 3.5 | $(2.9,4.3)$ |
| Total | 99.9 | 99.9 | 100.0 | 100.0 | --- | --- | --- | --- | --- | --- |
| Mean | 3.59 | 3.48 | 5.42 | 8.47 | 3.53 | (3.22,3.85) | 6.96 | (6.47,7.44) | 5.27 | $(4.97,5.57)$ |
| 95\% CI | (3.22,3.95) | (2.98,3.99) | $(4.81,6.02)$ | (7.76,9.19) | --- | --- | --- | --- | --- | --- |
| Youth aged 14 to 18 |  |  |  |  |  |  |  |  |  |  |
| 0 | 46.9 | 41.1 | 43.5 | 25.7 | 44.0 | $(41.1,46.9)$ | 34.6 | (32.1,37.2) | 39.3 | $(37.3,41.2)$ |
| 0.01 to . 99 | 6.9 | 14.8 | 6.1 | 5.3 | 10.9 | (9.0,13.1) | 5.7 | $(4.5,7.1)$ | 8.3 | $(7.2,9.5)$ |
| 1-3.99 | 34.7 | 32.8 | 28.5 | 36.0 | 33.7 | (31.1,36.5) | 32.2 | (30.3,34.3) | 33.0 | (31.4,34.5) |
| 4-11.99 | 11.5 | 11.1 | 20.0 | 27.1 | 11.3 | $(9.8,13.0)$ | 23.6 | $(21.6,25.7)$ | 17.5 | $(16.2,18.9)$ |
| 12 or more | 0.1 | 0.2 | 1.9 | 5.9 | 0.2 | $(0.1,0.4)$ | 3.9 | $(3.1,4.8)$ | 2.0 | (1.6,2.5) |
| Total | 100.1 | 100.0 | 100.0 | 100.0 | --- | --- | --- | --- | --- | --- |
| Mean | 3.15 | 3.15 | 4.66 | 7.22 | 3.15 | (2.89,3.41) | 5.94 | (5.60,6.28) | 4.55 | $(4.31,4.79)$ |
| 95\% CI | (2.90,3.40) | (2.73,3.56) | (4.16,5.15) | (6.76,7.68) | --- | --- | --- | --- | --- | --- |

Table 3-5. Summary of recall of TV ads among youth for the "Resistance Skills" strategic platform ads

| Total recall <br> Number of ad viewings per month | Percent recalling "Resistance Skills" TV ads |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | Wave 2 \% | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | Wave 4 $\%$ |  | for Waves (Year 2000) 95\% CI |  | for Waves Year 2001) 95\% CI | \% | age for waves 95\% CI |
| Youth aged 12 to 13 |  |  |  |  |  |  |  |  |  |  |
| 0 | 50.5 | 80.4 | 40.8 | 100.0 | 65.6 | (62.4,68.7) | 70.7 | (68.2,73.0) | 68.2 | (66.4,69.9) |
| 0.01 to 99 | 5.2 | 0.8 | 3.8 | 0.0 | 3.0 | $(2.3,3.9)$ | 1.9 | $(1.3,2.7)$ | 2.4 | $(1.9,3.1)$ |
| 1-3.99 | 28.9 | 12.7 | 29.7 | 0.0 | 20.7 | (18.2,23.5) | 14.7 | $(13.0,16.7)$ | 17.7 | $(16.2,19.3)$ |
| 4-11.99 | 13.6 | 5.9 | 24.3 | 0.0 | 9.7 | $(8.3,11.4)$ | 12.0 | $(10.4,13.9)$ | 10.9 | (9.7,12.2) |
| 12 or more | 1.8 | 0.2 | 1.3 | 0.0 | 1.0 | $(0.6,1.6)$ | 0.7 | $(0.3,1.2)$ | 0.8 | $(0.6,1.2)$ |
| Total | 100.0 | 100.0 | 99.9 | 100.0 | --- | --- | --- | --- | --- | --- |
| Mean | 3.63 | 1.45 | 5.11 | 0.00 | 2.53 | $(2.25,2.81)$ | 2.53 | $(2.28,2.78)$ | 2.53 | (2.35,2.71) |
| 95\% CI | $(3.21,4.04)$ | $(1.11,1.79)$ | $(4.61,5.62)$ | (S) | --- | --- | --- | --- | --- | --- |
| Youth aged 14 to 18 |  |  |  |  |  |  |  |  |  |  |
| 0 | 54.2 | 82.4 | 33.8 | 100.0 | 68.4 | (65.3,71.3) | 67.0 | (64.4,69.5) | 67.7 | (65.9,69.4) |
| 0.01 to . 99 | 5.7 | 1.6 | 4.5 | 0.0 | 3.6 | $(2.6,4.9)$ | 2.2 | $(1.5,3.4)$ | 2.9 | $(2.3,3.7)$ |
| 1-3.99 | 27.8 | 8.8 | 33.9 | 0.0 | 18.3 | (16.4,20.4) | 16.9 | $(14.9,19.1)$ | 17.6 | $(16.1,19.2)$ |
| 4-11.99 | 10.9 | 7.1 | 27.1 | 0.0 | 9.0 | $(7.4,10.8)$ | 13.5 | $(11.6,15.7)$ | 11.3 | $(10.0,12.6)$ |
| 12 or more | 1.4 | 0.1 | 0.8 | 0.0 | 0.7 | $(0.4,1.3)$ | 0.4 | $(0.2,0.8)$ | 0.6 | $(0.4,0.9)$ |
| Total | 100.0 | 100.0 | 100.1 | 100.0 | --- | --- | --- | --- | --- | --- |
| Mean | 3.06 | 1.38 | 5.52 | 0.00 | 2.22 | $(1.97,2.47)$ | 2.75 | (2.49,3.02) | 2.49 | (2.33,2.65) |
| 95\% CI | (2.71,3.41) | (1.04,1.73) | $(4.98,6.06)$ | (S) | --- | --- | --- | --- | --- | --- |

Table 3-6. Percent of parents ${ }^{1}$ recalling having seen parent-targeted Campaign TV ads at least once per week, by parent characteristics and age of child(ren)

| Characteristics | Percent recalling having seen TV ads at least once per week |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | Wave 3$\%$ | $\text { Wave } 4$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Total | 25.5 | 22.6 | 19.8 | 39.2 | 24.1 | (22.2,26.1) | 29.7 | (26.9,32.7) | 5.6 | * (2.5,8.8) |
| Male | 22.6 | 20.1 | 18.0 | 34.7 | 21.3 | $(18.2,24.7)$ | 26.0 | (22.3,30.1) | 4.7 | *(0.7,8.8) |
| Female | 27.2 | 24.6 | 21.1 | 41.9 | 26.0 | (23.9,28.2) | 32.1 | (28.6,35.8) | 6.1 | * (1.8,10.4) |
| White | 21.6 | 19.8 | 17.5 | 41.0 | 20.7 | (18.6,23.0) | 29.3 | (26.0,32.9) | 8.6 | *(4.9,12.3) |
| African American | 25.0 | 24.1 | 28.9 | 44.2 | 24.5 | (20.2,29.5) | 36.6 | (29.9,43.8) | 12.0 | * (3.4,20.7) |
| Hispanic | 47.9 | 36.6 | 26.6 | 33.8 | 42.2 | $(36.5,48.1)$ | 30.4 | (24.8,36.6) | -11.8 | *(-20.2,-3.4) |
| Less than high school | 35.5 | 32.2 | 30.7 | 42.7 | 33.9 | $(28.9,39.3)$ | 37.0 | (30.9,43.5) | 3.1 | (-4.4,10.6) |
| High school graduate | 26.4 | 23.4 | 19.9 | 42.3 | 24.9 | $(21.9,28.3)$ | 31.0 | (26.6,35.9) | 6.1 | *(0.7,11.5) |
| Some college | 28.0 | 23.0 | 23.1 | 41.4 | 25.3 | $(22.4,28.5)$ | 33.1 | (28.2,38.3) | 7.7 | *(1.7,13.8) |
| College graduate | 16.6 | 15.9 | 12.1 | 31.3 | 16.3 | $(13.6,19.4)$ | 21.5 | (18.1,25.5) | 5.3 | * (0.8,9.7) |
| One or more child(ren) ${ }^{2}$ aged: |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 24.6 | 20.2 | 21.2 | 38.8 | 22.3 | $(20.1,24.7)$ | 29.8 | (26.5,33.3) | 7.5 | * (3.4,11.5) |
| 14 to 18 | 26.1 | 24.1 | 19.2 | 39.6 | 25.1 | (22.8,27.5) | 29.8 | (26.5,33.3) | 4.7 | *(1.1,8.3) |
| 12 to 18 | 25.5 | 22.6 | 19.8 | 39.2 | 24.1 | (22.2,26.1) | 29.7 | (26.9,32.7) | 5.6 | * (2.5,8.8) |

[^2]${ }^{2}$ Responses from parents with children in multiple rows are included in each relevant percentage.

Table 3-7. Summary of recall among parents for all eligible Campaign TV ads

| Total recall <br> Number of ad viewings per month | Recall for all platforms' TV ads |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 <br> \% | Wave 2 \% | Wave 3 <br> \% | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Average for all waves |  |
| Parents with one or more child(ren) ${ }^{1}$ aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 0 | 34.0 | 41.8 | 33.1 | 19.4 | 37.9 | (36.0,39.8) | 26.1 | (23.7,28.7) | 31.9 | (30.2,33.7) |
| 0.01 to . 99 | 7.9 | 7.0 | 9.3 | 4.6 | 7.5 | $(6.5,8.5)$ | 6.9 | $(5.7,8.3)$ | 7.2 | (6.3,8.1) |
| 1-3.99 | 32.7 | 28.5 | 37.8 | 36.8 | 30.6 | $(28.7,32.7)$ | 37.3 | $(34.7,40.0)$ | 34.0 | $(32.5,35.5)$ |
| 4-11.99 | 19.7 | 17.8 | 16.4 | 32.4 | 18.8 | $(17.1,20.6)$ | 24.6 | (21.9,27.4) | 21.7 | (20.0,23.5) |
| 12 or more | 5.7 | 4.8 | 3.4 | 6.8 | 5.2 | $(4.2,6.5)$ | 5.1 | $(4.1,6.4)$ | 5.2 | (4.4,6.1) |
| Total | 100.0 | 99.9 | 100.0 | 100.0 | --- | --- | --- | --- | --- | --- |
| Mean | 6.15 | 5.39 | 4.95 | 8.29 | 5.77 | (5.36,6.18) | 6.65 | (6.19,7.12) | 6.22 | $(5.87,6.56)$ |
| 95\% CI | $(5.60,6.69)$ | (4.78,6.00) | $(4.37,5.54)$ | $(7.79,8.79)$ | --- | --- | --- | --- | --- | --- |

[^3]Table 3-8. Summary of recall of TV ads among parents for the "Parenting Skills/Personal Efficacy" strategic platform ads

| Total recall <br> Number of ad viewings per month | Percent recalling "Parenting Skills/Personal Efficacy" TV ads |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \end{gathered}$ | Wave 2 \% | Wave 3 \% | $\begin{gathered} \text { Wave } 4 \\ \% \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Average for all waves |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | \% | 95\% CI |

## Parents with one or more child(ren) ${ }^{1}$

 aged 12 to 18| 0 | 63.7 | 51.5 | 92.2 | 100.0 | 57.6 | (55.4,59.8) | 96.2 | $(94.5,97.3)$ | 77.1 | (75.0,79.0) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.01 to .99 | 6.1 | 7.6 | 1.3 | 0.0 | 6.8 | (6.0,7.8) | 0.6 | $(0.3,1.3)$ | 3.7 | (3.2,4.3) |
| 1-3.99 | 23.3 | 28.4 | 6.1 | 0.0 | 25.8 | $(23.8,28.0)$ | 3.0 | (2.0,4.4) | 14.3 | (12.9,15.8) |
| 4-11.99 | 6.3 | 10.0 | 0.4 | 0.0 | 8.1 | $(6.8,9.7)$ | 0.2 | (0.1,0.6) | 4.1 | (3.4,5.0) |
| 12 or more | 0.6 | 2.5 | 0.0 | 0.0 | 1.6 | (1.0,2.4) | 0.0 | (0.0,0.3) | 0.8 | (0.5,1.2) |
| Total | 100.0 | 100.0 | 100.0 | 100.0 | --- | --- | --- | --- | --- | --- |
| Mean | 1.98 | 3.48 | 0.30 | 0.00 | 2.72 | $(2.46,2.98)$ | 0.15 | $(0.10,0.20)$ | 1.42 | (1.26,1.58) |
| 95\% CI | $(1.78,2.17)$ | $(2.97,3.99)$ | $(0.21,0.39)$ | (S) | --- | --- | --- | --- | --- | --- |

[^4]Table 3-9. Summary of recall of TV ads among parents for the "Your Child at Risk" strategic platform ads

| Total recall <br> Number of ad viewings per month | Percent recalling "Your Child at Risk" TV ads |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | Wave 2 \% | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Average for all waves |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | \% | 95\% CI |

## Parents with one or more child(ren) ${ }^{1}$

 aged 12 to 18| 0 | 63.8 | 89.5 | 99.3 | 95.4 | 76.5 | $(74.5,78.5)$ | 97.3 | $(95.5,98.4)$ | 87.0 | (85.3,88.5) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.01 to . 99 | 3.5 | 0.8 | 0.0 | 0.6 | 2.2 | (1.7,2.8) | 0.3 | (0.1,0.8) | 1.3 | $(1.0,1.6)$ |
| 1-3.99 | 17.2 | 4.6 | 0.2 | 2.9 | 11.0 | $(9.7,12.3)$ | 1.6 | (0.9,2.8) | 6.3 | (5.3,7.3) |
| 4-11.99 | 13.1 | 4.4 | 0.4 | 1.0 | 8.8 | $(7.5,10.3)$ | 0.7 | (0.4,1.3) | 4.7 | (4.0,5.6) |
| 12 or more | 2.4 | 0.7 | 0.0 | 0.1 | 1.5 | (1.1,2.2) | 0.0 | (0.0,0.2) | 0.8 | $(0.5,1.1)$ |
| Total | 100.0 | 100.0 | 99.9 | 100.0 | --- | --- | --- | --- | --- | --- |
| Mean | 3.36 | 1.03 | 0.06 | 0.31 | 2.21 | (1.94,2.48) | 0.19 | (0.09,0.29) | 1.19 | (1.02,1.36) |
| 95\% CI | (2.89,3.84) | $(0.79,1.27)$ | $(0.00,0.12)$ | (0.12,0.50) | --- | --- | --- | --- | --- | --- |

${ }^{1}$ Responses from parents with children in multiple rows are included in each relevant percentage.

Table 3-10. Summary of recall of TV ads among parents for the "Perceptions of Harm" strategic platform ads

| Total recall <br> Number of ad viewings per month | Percent recalling "Perceptions of Harm/Marijuana" TV ads |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \end{gathered}$ | Wave 2 \% | Wave 3 \% | $\begin{gathered} \text { Wave } 4 \\ \% \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Average for all waves |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | \% | 95\% CI |

## Parents with one or more child(ren) ${ }^{1}$

 aged 12 to 18| 0 | 78.8 | 96.0 | 38.3 | 100.0 | 87.3 | $(85.8,88.7)$ | 69.8 | (64.9,74.3) | 78.5 | (76.0,80.7) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.01 to . 99 | 5.4 | 0.8 | 10.5 | 0.0 | 3.1 | $(2.4,4.0)$ | 5.1 | $(4.0,6.5)$ | 4.1 | $(3.5,4.9)$ |
| 1-3.99 | 13.2 | 2.9 | 37.4 | 0.0 | 8.1 | (7.0,9.4) | 18.3 | $(15.3,21.8)$ | 13.3 | (11.7,15.0) |
| 4-11.99 | 2.4 | 0.3 | 12.7 | 0.0 | 1.3 | $(1.0,1.9)$ | 6.2 | $(4.8,8.0)$ | 3.8 | $(3.1,4.7)$ |
| 12 or more | 0.3 | 0.0 | 1.1 | 0.0 | 0.1 | $(0.0,0.5)$ | 0.5 | (0.3,1.0) | 0.3 | (0.2,0.6) |
| Total | 100.1 | 100.0 | 100.0 | 100.0 | --- | --- | --- | --- | --- | --- |
| Mean | 0.95 | 0.18 | 3.73 | 0.00 | 0.57 | $(0.48,0.65)$ | 1.83 | (1.50,2.16) | 1.20 | (1.04,1.37) |
| 95\% CI | (0.78,1.12) | (0.11,0.24) | $(3.29,4.18)$ | (S) | --- | --- | --- | --- | --- | --- |

[^5]Table 3-11. Summary of recall of TV ads among parents on the topic of inhalants

| Total recall <br> Number of ad viewings per month | Recall for all inhalant TV ads |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \end{gathered}$ | Wave $2^{1}$ <br> \% | Wave 3 <br> \% | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Average for all waves |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | \% | 95\% CI |

## Parents with one or more child(ren) ${ }^{2}$

 aged 12 to 18| 0 | 92.7 | 100.0 | 66.5 | 98.9 | 96.3 | $(95.3,97.1)$ | 83.0 | (79.4,86.1) | 89.6 | (87.8,91.1) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.01 to .99 | 1.9 | 0.0 | 6.5 | 0.1 | 1.0 | $(0.6,1.5)$ | 3.2 | $(2.4,4.2)$ | 2.1 | (1.7,2.6) |
| 1-3.99 | 4.2 | 0.0 | 23.5 | 0.9 | 2.1 | $(1.5,2.9)$ | 12.0 | (9.4,15.1) | 7.1 | (5.8,8.6) |
| 4-11.99 | 1.1 | 0.0 | 3.3 | 0.2 | 0.6 | $(0.3,1.0)$ | 1.7 | $(1.1,2.5)$ | 1.1 | $(0.8,1.6)$ |
| 12 or more | 0.1 | 0.0 | 0.2 | 0.0 | 0.0 | $(0.0,0.2)$ | 0.1 | (0.0,0.9) | 0.1 | (0.0,0.4) |
| Total | 100.0 | 100.0 | 100.0 | 100.1 | --- | --- | --- | --- | --- | --- |
| Mean | 0.36 | 0.00 | 1.59 | 0.07 | 0.18 | $(0.13,0.24)$ | 0.81 | (0.64,0.99) | 0.50 | (0.41,0.59) |
| 95\% CI | $(0.25,0.47)$ | (S) | (1.31,1.88) | $(0.00,0.13)$ | --- | --- | --- | --- | --- | --- |

[^6]Table 3-12. Overall evaluation of TV ads by youth by age, gender, race/ethnicity, risk score, sensation seeking, and marijuana use

| Characteristics | Mean TV ad evaluation scale score ${ }^{1}$$(-2=$ most negative response, $2=$ most positive response $)$ |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 Mean | Wave 2 <br> Mean | Wave 3 <br> Mean | Wave 4 <br> Mean | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from <br> Year 2000 to Year 2001 |  |
|  |  |  |  |  | Est | 95\% CI | Est | 95\% CI | Est | 95\% CI |
| All Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 0.95 | 1.05 | 0.98 | 1.02 | 1.00 | (0.95,1.05) | 1.00 | $(0.96,1.04)$ | 0.00 | $(-0.07,0.07)$ |
| 14 to 15 | 0.74 | 0.84 | 0.70 | 0.76 | 0.79 | $(0.73,0.86)$ | 0.73 | $(0.68,0.78)$ | -0.07 | $(-0.15,0.02)$ |
| 16 to 18 | 0.58 | 0.51 | 0.56 | 0.62 | 0.54 | (0.47, 0.62 ) | 0.59 | $(0.53,0.65)$ | 0.04 | $(-0.05,0.13)$ |
| 14 to 18 | 0.66 | 0.67 | 0.63 | 0.68 | 0.66 | (0.61,0.71) | 0.65 | $(0.62,0.69)$ | -0.01 | (-0.07,0.05) |
| 12 to 18 | 0.74 | 0.78 | 0.72 | 0.78 | 0.76 | (0.72, 0.81 ) | 0.75 | $(0.73,0.78)$ | -0.01 | (-0.06,0.04) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 0.65 | 0.64 | 0.63 | 0.72 | 0.65 | $(0.58,0.71)$ | 0.67 | $(0.62,0.73)$ | 0.03 | $(-0.06,0.12)$ |
| Females | 0.84 | 0.93 | 0.82 | 0.85 | 0.88 | (0.83, 0.93 ) | 0.84 | $(0.79,0.88)$ | -0.05 | $(-0.12,0.02)$ |
| White | 0.70 | 0.77 | 0.67 | 0.69 | 0.74 | $(0.69,0.79)$ | 0.68 | $(0.64,0.72)$ | -0.05 | $(-0.11,0.00)$ |
| African American | 0.92 | 0.82 | 0.90 | 1.05 | 0.87 | (0.80,0.94) | 0.98 | $(0.90,1.06)$ | 0.11 | $(-0.01,0.22)$ |
| Hispanic | 0.74 | 0.83 | 0.83 | 0.91 | 0.79 | $(0.68,0.89)$ | 0.87 | $(0.79,0.95)$ | 0.08 | (-0.06,0.22) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 0.51 | 0.52 | 0.49 | 0.56 | 0.52 | (0.44, 0.59 ) | 0.52 | $(0.46,0.58)$ | 0.00 | $(-0.09,0.10)$ |
| Lower risk | 0.93 | 0.93 | 0.91 | 0.91 | 0.93 | (0.88,0.98) | 0.91 | $(0.87,0.95)$ | -0.02 | (-0.08,0.04) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 0.57 | 0.59 | 0.53 | 0.61 | 0.58 | $(0.53,0.63)$ | 0.57 | $(0.52,0.61)$ | -0.01 | $(-0.08,0.06)$ |
| Low | 0.99 | 0.99 | 1.02 | 1.00 | 0.99 | (0.93, 1.04 ) | 1.01 | $(0.96,1.05)$ | 0.02 | $(-0.05,0.09)$ |
| Use of marijuana |  |  |  |  |  |  |  |  |  |  |
| Nonuser_ | 0.85 | 0.89 | 0.84 | 0.91 | 0.87 | (0.82,0.91) | 0.88 | $(0.84,0.91)$ | 0.01 | $(-0.05,0.07)$ |
| Occasional user | 0.30 | 0.43 | 0.52 | 0.46 | 0.36 | (0.25, 0.48 ) | 0.49 | $(0.37,0.61)$ | 0.12 | $(-0.02,0.26)$ |

[^7]Table 3-13. Overall evaluation of TV ads by youth by age, gender, race/ethnicity, risk score, sensation seeking, and marijuana use

| Characteristics | Agreement that TV ads exaggerate the problem ${ }^{1}$ ( $-2=$ strongly agree, $2=$ strongly disagree) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 Mean | Wave 2 <br> Mean | Wave 3 <br> Mean | Wave 4 <br> Mean | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from <br> Year 2000 to Year 2001 |  |
|  |  |  |  |  | Est | 95\% CI | Est | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 0.81 | 0.86 | 0.79 | 0.74 | 0.84 | $(0.77,0.90)$ | 0.76 | $(0.70,0.83)$ | -0.07 | (-0.17,0.03) |
| 14 to 15 | 0.79 | 0.69 | 0.73 | 0.74 | 0.74 | $(0.68,0.80)$ | 0.73 | $(0.68,0.79)$ | -0.01 | $(-0.09,0.08)$ |
| 16 to 18 | 0.62 | 0.67 | 0.64 | 0.73 | 0.65 | $(0.56,0.74)$ | 0.69 | (0.62,0.75) | 0.04 | $(-0.06,0.14)$ |
| 14 to 18 | 0.70 | 0.68 | 0.68 | 0.73 | 0.69 | $(0.64,0.75)$ | 0.71 | (0.66,0.75) | 0.02 | $(-0.05,0.08)$ |
| 12 to 18 | 0.73 | 0.73 | 0.71 | 0.74 | 0.73 | $(0.69,0.78)$ | 0.72 | (0.69,0.76) | -0.01 | (-0.06,0.05) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 0.66 | 0.65 | 0.62 | 0.66 | 0.66 | $(0.59,0.72)$ | 0.64 | $(0.58,0.70)$ | -0.01 | $(-0.10,0.07)$ |
| Females | 0.81 | 0.82 | 0.81 | 0.82 | 0.82 | $(0.76,0.87)$ | 0.81 | (0.76, 0.86 ) | 0.00 | $(-0.08,0.07)$ |
| White | 0.72 | 0.74 | 0.66 | 0.74 | 0.73 | $(0.68,0.78)$ | 0.70 | (0.66,0.75) | -0.03 | $(-0.09,0.03)$ |
| African American | 0.80 | 0.75 | 0.79 | 0.72 | 0.77 | $(0.64,0.90)$ | 0.76 | (0.64,0.87) | -0.02 | (-0.18,0.15) |
| Hispanic | 0.72 | 0.72 | 0.82 | 0.78 | 0.72 | (0.62,0.82) | 0.80 | (0.70, 0.91 ) | 0.08 | $(-0.05,0.21)$ |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 0.56 | 0.52 | 0.59 | 0.55 | 0.54 | $(0.46,0.62)$ | 0.57 | $(0.50,0.64)$ | 0.03 | (-0.07,0.13) |
| Lower risk | 0.87 | 0.90 | 0.79 | 0.87 | 0.88 | $(0.83,0.94)$ | 0.83 | (0.78, 0.88 ) | -0.05 | (-0.13,0.02) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 0.57 | 0.64 | 0.58 | 0.63 | 0.60 | $(0.55,0.66)$ | 0.60 | (0.56,0.65) | 0.00 | (-0.07,0.07) |
| Low | 0.95 | 0.84 | 0.90 | 0.89 | 0.89 | (0.82,0.96) | 0.89 | (0.83,0.96) | 0.00 | (-0.09, 0.09$)$ |
| Use of marijuana |  |  |  |  |  |  |  |  |  |  |
| Nonuser | 0.83 | 0.82 | 0.78 | 0.84 | 0.82 | $(0.78,0.87)$ | 0.81 | $(0.76,0.86)$ | -0.01 | (-0.07,0.05) |
| Occasional user | 0.36 | 0.53 | 0.51 | 0.56 | 0.44 | $(0.31,0.56)$ | 0.54 | $(0.39,0.68)$ | 0.10 | (-0.06,0.26) |

Table 3-14. Overall evaluation of TV ads by parents ${ }^{1}$ by gender, race/ethnicity, education, and age of child(ren)

| Characteristics | Mean TV ad evaluation scale score ${ }^{2}$$(-2=$ most negative response, $2=$ most positive response $)$ |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 <br> Mean | Wave 2 <br> Mean | Wave 3 <br> Mean | Wave 4 <br> Mean | Average for Waves <br> 1 and 2 (Year 2000) |  | Average for Waves <br> 3 and 4 (Year 2001) |  | Change from <br> Year 2000 to Year 2001 |  |
|  |  |  |  |  | Est | 95\% CI | Est | 95\% CI | Est | 95\% CI |
| Overall | 1.07 | 1.07 | 1.21 | 1.32 | 1.07 | (1.02,1.11) | 1.27 | (1.24,1.31) | 0.20 | *(0.15,0.26) |
| Male | 0.96 | 1.01 | 1.16 | 1.22 | 0.99 | (0.92,1.06) | 1.19 | (1.13,1.26) | 0.20 | *(0.11,0.29) |
| Female | 1.13 | 1.10 | 1.24 | 1.38 | 1.12 | (1.06,1.17) | 1.32 | (1.29,1.36) | 0.21 | *(0.16,0.26) |
| White | 0.98 | 1.03 | 1.15 | 1.31 | 1.01 | $(0.95,1.07)$ | 1.24 | $(1.20,1.28)$ | 0.23 | *(0.16,0.31) |
| African American | 1.06 | 1.23 | 1.38 | 1.35 | 1.16 | $(1.07,1.25)$ | 1.36 | $(1.27,1.45)$ | 0.20 | *(0.08,0.33) |
| Hispanic | 1.37 | 1.20 | 1.35 | 1.43 | 1.29 | $(1.21,1.36)$ | 1.39 | $(1.28,1.50)$ | 0.11 | (-0.02,0.23) |
| Less than high school | 1.21 | 1.29 | 1.18 | 1.37 | 1.25 | $(1.17,1.33)$ | 1.29 | $(1.18,1.41)$ | 0.04 | (-0.09,0.17) |
| High school graduate | 1.03 | 1.06 | 1.15 | 1.32 | 1.04 | $(0.98,1.11)$ | 1.25 | $(1.19,1.31)$ | 0.20 | *(0.12,0.29) |
| Some college | 1.10 | 1.01 | 1.40 | 1.31 | 1.05 | $(0.95,1.14)$ | 1.34 | $(1.29,1.40)$ | 0.30 | *(0.19,0.41) |
| College graduate | 0.98 | 0.99 | 1.10 | 1.31 | 0.99 | (0.91,1.06) | 1.22 | $(1.16,1.28)$ | 0.23 | *(0.14,0.32) |
| One or more child(ren) ${ }^{3}$ aged: |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 1.08 | 1.13 | 1.23 | 1.35 | 1.11 | $(1.06,1.16)$ | 1.30 | $(1.25,1.34)$ | 0.19 | *(0.12,0.26) |
| 14 to 18 | 1.06 | 1.02 | 1.21 | 1.31 | 1.04 | $(0.99,1.09)$ | 1.26 | $(1.23,1.30)$ | 0.22 | *(0.17,0.28) |
| 12 to 18 | 1.07 | 1.07 | 1.21 | 1.32 | 1.07 | $(1.02,1.11)$ | 1.27 | $(1.24,1.31)$ | 0.20 | *(0.15,0.26) |

[^8]Table 3-15. Overall evaluation of TV ads by parents ${ }^{1}$ by gender, race/ethnicity, education, and age of child(ren)

| Characteristics | Agreement that TV ads exaggerate the problem ${ }^{2}$ ( -2 = strongly agree, $2=$ strongly disagree) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 <br> Mean | Wave 2 <br> Mean | Wave 3 <br> Mean | Wave 4 <br> Mean | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | Est | 95\% CI | Est | 95\% CI | Est | 95\% CI |
| Overall | 0.89 | 1.07 | 1.22 | 1.22 | 0.99 | (0.93,1.05) | 1.22 | (1.18,1.27) | 0.23 | *(0.15, 0.31$)$ |
| Male | 0.81 | 1.11 | 1.16 | 1.19 | 0.99 | (0.88,1.09) | 1.18 | (1.10,1.26) | 0.19 | *(0.07,0.31) |
| Female | 0.93 | 1.04 | 1.27 | 1.24 | 0.99 | (0.91,1.07) | 1.25 | $(1.19,1.31)$ | 0.26 | *(0.16,0.36) |
| White | 0.95 | 1.09 | 1.26 | 1.28 | 1.03 | (0.95,1.10) | 1.27 | (1.22,1.32) | 0.24 | *(0.16,0.33) |
| African American | 0.84 | 1.16 | 1.09 | 1.12 | 1.03 | $(0.88,1.17)$ | 1.11 | $(0.99,1.23)$ | 0.08 | (-0.11,0.28) |
| Hispanic | 0.86 | 1.00 | 1.21 | 1.20 | 0.93 | (0.77,1.09) | 1.20 | (1.07,1.33) | 0.27 | *(0.09,0.46) |
| Less than high school | 0.78 | 0.82 | 1.03 | 1.04 | 0.80 | (0.64,0.96) | 1.03 | (0.91,1.16) | 0.23 | *(0.04, 0.43$)$ |
| High school graduate | 0.82 | 1.06 | 1.16 | 1.22 | 0.95 | (0.86,1.04) | 1.20 | (1.10,1.29) | 0.24 | *(0.10,0.39) |
| Some college | 1.07 | 1.15 | 1.35 | 1.27 | 1.12 | $(1.00,1.23)$ | 1.30 | $(1.22,1.38)$ | 0.18 | *(0.05,0.32) |
| College graduate | 0.87 | 1.13 | 1.31 | 1.26 | 1.01 | $(0.93,1.10)$ | 1.28 | $(1.20,1.36)$ | 0.27 | *(0.15,0.39) |
| One or more child(ren) ${ }^{3}$ aged: |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 0.97 | 1.06 | 1.22 | 1.22 | 1.02 | (0.96,1.08) | 1.22 | $(1.15,1.28)$ | 0.20 | *(0.10,0.29) |
| 14 to 18 | 0.88 | 1.07 | 1.23 | 1.22 | 0.98 | (0.91,1.05) | 1.22 | (1.17,1.28) | 0.24 | *(0.15,0.33) |
| 12 to 18 | 0.89 | 1.07 | 1.22 | 1.22 | 0.99 | (0.93,1.05) | 1.22 | $(1.18,1.27)$ | 0.23 | *(0.15,0.31) |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ All estimates represent average disagreement with statement that an ad "exaggerates the problem."
${ }^{3}$ Responses from parents with children in multiple rows are included in each relevant percentage.

Table 3-16. Percent of youth recalling having heard all radio ads at least once per week, averaged over aired ads, by age, gender, race/ethnicity, risk score, sensation seeking, and marijuana use

| Characteristics | Percent recalling having heard all radio ads at least once per week |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave $1^{1}$ <br> Avg \% | Wave 2 Avg \% | Wave 3 <br> Avg \% | Wave 4 Avg \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | N/A | 4.0 | 10.0 | 3.0 | N/A | N/A | 6.5 | $(5.1,8.3)$ | N/A | N/A |
| 14 to 15 | N/A | 5.0 | 14.3 | 3.6 | N/A | N/A | 9.2 | $(7.3,11.4)$ | N/A | N/A |
| 16 to 18 | N/A | 2.5 | 12.1 | 2.8 | N/A | N/A | 7.3 | $(5.6,9.4)$ | N/A | N/A |
| 14 to 18 | N/A | 3.6 | 13.1 | 3.1 | N/A | N/A | 8.1 | (6.9,9.6) | N/A | N/A |
| 12 to 18 | N/A | 3.7 | 12.2 | 3.1 | N/A | N/A | 7.7 | $(6.6,8.9)$ | N/A | N/A |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | N/A | 2.2 | 11.1 | 3.3 | N/A | N/A | 7.2 | (5.8,8.8) | N/A | N/A |
| Females | N/A | 5.3 | 13.4 | 2.9 | N/A | N/A | 8.2 | (6.9,9.7) | N/A | N/A |
| White | N/A | 3.4 | 9.9 | 2.8 | N/A | N/A | 6.4 | (5.3,7.6) | N/A | N/A |
| African American | N/A | 5.4 | 19.0 | 6.2 | N/A | N/A | 12.6 | $(9.2,16.9)$ | N/A | N/A |
| Hispanic | N/A | 4.6 | 14.4 | 1.7 | N/A | N/A | 8.0 | $(5.2,12.1)$ | N/A | N/A |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | N/A | 2.0 | 14.8 | 3.3 | N/A | N/A | 9.0 | (7.1,11.5) | N/A | N/A |
| Lower risk | N/A | 5.3 | 10.7 | 2.7 | N/A | N/A | 6.6 | $(5.3,8.2)$ | N/A | N/A |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | N/A | 2.7 | 13.1 | 4.2 | N/A | N/A | 8.7 | $(7.3,10.4)$ | N/A | N/A |
| Low | N/A | 4.8 | 11.3 | 1.9 | N/A | N/A | 6.5 | $(5.1,8.3)$ | N/A | N/A |
| Use of marijuana |  |  |  |  |  |  |  |  |  |  |
| Nonuser__ | N/A | 4.7 | 11.5 | 3.0 | N/A | N/A | 7.2 | $(6.1,8.6)$ | N/A | N/A |
| Occasional user_ | N/A | S | 15.1 | 3.1 | N/A | N/A | 9.1 | $(6.0,13.7)$ | N/A | N/A |

${ }^{1}$ Wave 1 interviews asked respondents only about ads that had aired exclusively on the radio and did not ask about radio ads that were the soundtracks for television ads. During Wave 1 almost all ads were soundtracks so there were no meaningful estimates of radio exposure.

Table 3-17. Summary of recall among youth for all eligible Campaign radio ads

| Total recall <br> Number of ad viewings per month | Recall for all radio platforms' ads |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1^{1} \\ \% \end{gathered}$ | Wave 2 \% | $\begin{gathered} \text { Wave } 3 \\ \% \end{gathered}$ | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Average for all waves |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | \% | 95\% CI |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 0 | N/A | 65.2 | 42.7 | 69.5 | N/A | N/A | 56.1 | (54.0,58.3) | 59.3 | (57.8,60.7) |
| 0.01 to 99 | N/A | 10.9 | 17.2 | 10.5 | N/A | N/A | 13.9 | $(12.5,15.4)$ | 12.9 | $(12.0,13.9)$ |
| 1-3.99 | N/A | 20.3 | 27.8 | 16.9 | N/A | N/A | 22.4 | (20.5,24.3) | 22.1 | (20.7,23.5) |
| 4-11.99 | N/A | 3.4 | 10.9 | 2.7 | N/A | N/A | 6.8 | $(5.8,8.0)$ | 5.2 | $(4.6,5.9)$ |
| 12 or more | N/A | 0.2 | 1.3 | 0.4 | N/A | N/A | 0.8 | $(0.5,1.3)$ | 0.5 | $(0.4,0.8)$ |
| Total | N/A | 100.0 | 99.9 | 100.0 | --- | --- | --- | --- | --- | --- |
| Mean | N/A | 1.35 | 3.05 | 1.16 | N/A | N/A | 2.10 | (1.92,2.28) | 1.78 | (1.67,1.89) |
| 95\% CI | N/A | (1.18,1.52) | (2.74,3.35) | (1.00, 1.32 ) | --- | --- | --- | --- | --- | --- |

[^9] soundtracks so there were no meaningful estimates of radio exposure.

Table 3-18. Summary of recall of radio ads among youth for the "Negative Consequences" strategic platform ads

| Total recall Number of ad viewings per month | Percent recalling "Negative Consequences" radio ads |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1^{1} \\ \% \end{gathered}$ | Wave 2 <br> \% | Wave 3 <br> \% | Wave 4 <br> \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Average for all waves |  |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 0 | N/A | 81.3 | 96.1 | 84.1 | N/A | N/A | 90.1 | (89.0,91.1) | 83.4 | (82.3,84.4) |
| 0.01 to .99 | N/A | 7.6 | 1.5 | 6.3 | N/A | N/A | 3.9 | $(3.3,4.5)$ | 6.7 | (6.0,7.4) |
| 1-3.99 | N/A | 9.5 | 2.2 | 9.0 | N/A | N/A | 5.6 | $(4.8,6.4)$ | 8.9 | (8.0,9.8) |
| 4-11.99 | N/A | 1.6 | 0.3 | 0.6 | N/A | N/A | 0.4 | $(0.2,0.8)$ | 1.1 | $(0.8,1.4)$ |
| 12 or more | N/A | 0.0 | 0.0 | 0.0 | N/A | N/A | 0.0 | (0.0,0.2) | 0.0 | (0.0,0.1) |
| Total | N/A | 100.0 | 100.1 | 100.0 | --- | --- | --- | --- | --- | --- |
| Mean | N/A | 0.63 | 0.13 | 0.46 | N/A | N/A | 0.29 | (0.25,0.34) | 0.53 | (0.48,0.58) |
| 95\% CI | N/A | $(0.49,0.77)$ | $(0.07,0.19)$ | $(0.39,0.53)$ | --- | --- | --- | --- | --- | --- |

${ }^{1}$ Wave 1 interviews asked respondents only about ads that had aired exclusively on the radio and did not ask about radio ads that were the soundtracks for television ads. During Wave 1 almost all ads were soundtracks so there were no meaningful estimates of radio exposure.

Table 3-19. Summary of recall of radio ads among youth for the "Normative Positive Consequences" strategic platform ads

| Total recall <br> Number of ad viewings per month | Percent recalling "Normative Positive Consequences" radio ads |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave $1^{1}$ | $\begin{gathered} \text { Wave } 2 \\ \% \end{gathered}$ | Wave 3 <br> \% | Wave 4$\%$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Average for all waves |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | \% | 95\% CI |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 0 | N/A | 98.9 | 71.7 | 80.6 | N/A | N/A | 76.2 | (73.9,78.3) | 85.1 | (83.8,86.4) |
| 0.01 to . 99 | N/A | 0.3 | 9.0 | 8.1 | N/A | N/A | 8.6 | (7.6,9.6) | 5.5 | (5.0,6.1) |
| 1-3.99 | N/A | 0.7 | 14.5 | 9.4 | N/A | N/A | 12.0 | (10.4,13.7) | 7.6 | $(6.7,8.6)$ |
| 4-11.99 | N/A | 0.0 | 4.2 | 1.8 | N/A | N/A | 3.0 | $(2.3,4.0)$ | 1.6 | (1.2,2.1) |
| 12 or more | N/A | 0.0 | 0.5 | 0.1 | N/A | N/A | 0.3 | $(0.1,0.6)$ | 0.1 | (0.1,0.3) |
| Total | N/A | 99.9 | 99.9 | 100.0 | --- | --- | --- | --- | --- | --- |
| Mean | N/A | 0.04 | 1.39 | 0.70 | N/A | N/A | 1.05 | (0.90, 1.20 ) | 0.61 | $(0.53,0.69)$ |
| 95\% CI | N/A | $(0.01,0.07)$ | (1.13,1.65) | $(0.58,0.82)$ | --- | --- | --- | --- | --- | --- |

${ }^{1}$ Wave 1 interviews asked respondents only about ads that had aired exclusively on the radio and did not ask about radio ads that were the soundtracks for television ads. During Wave 1 almost all ads were soundtracks so there were no meaningful estimates of radio exposure.

Table 3-20. Summary of recall of radio ads among youth for the "Resistance Skills" strategic platform ads

| Total recall <br> Number of ad viewings per month | Percent recalling "Resistance Skills" radio ads |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave $1^{1}$ \% | Wave 2 \% | Wave 3 <br> \% | Wave 4 <br> \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Average for all waves |  |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 0 | N/A | 89.8 | 62.4 | 99.6 | N/A | N/A | 81.0 | (79.3,82.5) | 85.5 | (84.4,86.5) |
| 0.01 to .99 | N/A | 3.0 | 13.5 | 0.2 | N/A | N/A | 6.9 | (5.8,8.1) | 5.1 | $(4.5,5.7)$ |
| 1-3.99 | N/A | 6.3 | 19.3 | 0.2 | N/A | N/A | 9.8 | (8.6,11.1) | 7.8 | (7.0,8.6) |
| 4-11.99 | N/A | 1.0 | 4.6 | 0.0 | N/A | N/A | 2.3 | (1.8,2.9) | 1.6 | $(1.3,2.0)$ |
| 12 or more | N/A | 0.0 | 0.2 | 0.0 | N/A | N/A | 0.1 | (0.0,0.2) | 0.1 | (0.0,0.1) |
| Total | N/A | 100.1 | 100.0 | 100.0 | --- | --- | --- | --- | --- | --- |
| Mean | N/A | 0.39 | 1.53 | 0.01 | N/A | N/A | 0.77 | (0.69,0.85) | 0.57 | (0.51,0.63) |
| 95\% CI | N/A | $(0.30,0.49)$ | $(1.37,1.69)$ | $(0.00,0.01)$ | --- | --- | --- | --- | --- | --- |

${ }^{1}$ Wave 1 interviews asked respondents only about ads that had aired exclusively on the radio and did not ask about radio ads that were the soundtracks for television ads. During Wave 1 almost all ads were soundtracks so there were no meaningful estimates of radio exposure.

Table 3-21. Percent of parents ${ }^{1}$ recalling having heard parent-targeted Campaign radio ads at least once per week, averaged ${ }^{2}$ over aired ads, by gender, race/ethnicity, education, and age of child(ren)

| Characteristics | Percent recalling having heard radio ads at least once per week |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1Avg \% | $\begin{gathered} \text { Wave } 2 \\ \text { Avg } \% \\ \hline \end{gathered}$ | Wave 3 <br> Avg \% | Wave 4Avg \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Overall | 10.0 | 11.0 | 17.1 | 14.9 | 10.5 | (9.0,12.2) | 16.0 | (14.2,17.9) | 5.5 | * $3.0,7.9$ ) |
| Male | 12.1 | 15.3 | 17.7 | 14.2 | 13.8 | $(11.2,16.9)$ | 16.0 | $(13.3,19.2)$ | 2.2 | (-1.6,6.0) |
| Female | 8.8 | 7.6 | 16.8 | 15.2 | 8.2 | $(6.6,10.1)$ | 15.9 | $(13.8,18.3)$ | 7.7 | * (4.9,10.6) |
| White | 9.3 | 12.6 | 14.7 | 13.7 | 10.9 | $(9.3,12.7)$ | 14.2 | $(12.3,16.4)$ | 3.3 | * (0.8,5.8) |
| African American | 8.6 | 9.2 | 24.9 | 19.9 | 8.9 | $(5.6,13.9)$ | 22.4 | (17.3,28.5) | 13.5 | * (6.0,20.9) |
| Hispanic | 16.5 | 7.3 | 22.3 | 14.5 | 11.7 | (8.1,16.6) | 18.2 | (13.6,23.9) | 6.5 | *(0.0,12.9) |
| Less than high school | 19.6 | 10.7 | 25.7 | 17.7 | 15.2 | (11.3,20.1) | 21.5 | (16.7,27.2) | 6.3 | * (0.3,12.3) |
| High school graduate | 10.3 | 10.8 | 14.5 | 15.6 | 10.5 | $(8.0,13.7)$ | 15.0 | $(12.1,18.6)$ | 4.5 | *(0.2,8.9) |
| Some college | 10.0 | 11.8 | 22.3 | 18.0 | 11.0 | (8.3,14.3) | 20.0 | (16.4,24.1) | 9.0 | * (4.0,13.9) |
| College graduate | 4.6 | 10.7 | 12.5 | 9.2 | 7.6 | (5.4,10.5) | 10.9 | $(8.5,13.9)$ | 3.3 | (-0.3,6.9) |
| One or more child(ren) ${ }^{3}$ aged: |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 10.8 | 10.3 | 16.8 | 16.8 | 10.6 | $(8.9,12.6)$ | 16.8 | $(14.8,19.1)$ | 6.2 | *(3.2,9.2) |
| 14 to 18 | 9.9 | 10.9 | 17.5 | 14.3 | 10.4 | $(8.6,12.5)$ | 15.9 | $(13.7,18.4)$ | 5.5 | * (2.4,8.6) |
| 12 to 18 | 10.0 | 11.0 | 17.1 | 14.9 | 10.5 | (9.0,12.2) | 16.0 | (14.2,17.9) | 5.5 | *(3.0,7.9) |

[^10]Table 3-22. Summary of recall of radio ads among parents overall for all strategic platforms

| Total recall | Recall for all radio platform ads |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 \% | Wave 2 \% | Wave 3 \% | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Average for all waves |  |
| Parents with one or more child(ren) ${ }^{1}$ aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 0 | 51.5 | 53.8 | 41.6 | 48.9 | 52.6 | $(50.2,55.0)$ | 45.4 | (42.5,48.3) | 49.0 | $(47.1,50.8)$ |
| 0.01 to 99 | 9.2 | 5.7 | 11.8 | 4.4 | 7.4 | $(6.5,8.5)$ | 8.0 | (6.7,9.5) | 7.7 | (7.0,8.5) |
| 1-3.99 | 29.4 | 29.6 | 29.4 | 31.8 | 29.5 | $(27.5,31.6)$ | 30.7 | (28.2,33.2) | 30.1 | (28.4,31.8) |
| 4-11.99 | 8.2 | 10.5 | 15.2 | 12.7 | 9.4 | (8.0,10.9) | 14.0 | $(12.2,15.9)$ | 11.7 | $(10.5,13.0)$ |
| 12 or more | 1.7 | 0.4 | 1.9 | 2.1 | 1.1 | $(0.8,1.5)$ | 2.0 | (1.4,2.8) | 1.6 | (1.2,2.0) |
| Total | 100.0 | 100.0 | 99.9 | 99.9 | --- | --- | --- | --- | --- | --- |
| Mean | 3.05 | 2.95 | 3.94 | 3.77 | 3.00 | $(2.75,3.25)$ | 3.85 | (3.54,4.16) | 3.43 | (3.24,3.62) |
| 95\% CI | $(2.69,3.40)$ | (2.66,3.24) | $(3.48,4.40)$ | $(3.41,4.13)$ | --- | --- | --- | --- | --- | --- |

[^11]Table 3-23. Summary of recall of radio ads among parents for the "Parenting Skills/Personal Efficacy" strategic platform ads

|  | Percent recalling "Parenting Skills/Personal Efficacy" radio ads |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 | Wave 2 | Wave 3 | Wave 4 |  | Waves ear 2000) |  | or Waves ear 2001) |  | e for <br> ves |
| Total recall | \% | \% | \% | \% | \% | 95\% CI | \% | 95\% CI | \% | 95\% CI |

## Parents with one or <br> more child(ren) ${ }^{1}$ aged 12 to 18

| 0 | 71.9 | 53.8 | 90.4 | 100.0 | 63.0 | (60.8,65.1) | 95.3 | (93.6,96.5) | 79.3 | (77.1,81.3) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.01 to .99 | 5.8 | 5.7 | 2.6 | 0.0 | 5.7 | $(4.8,6.8)$ | 1.3 | (0.9,1.9) | 3.5 | (3.0,4.1) |
| 1-3.99 | 18.5 | 29.6 | 6.4 | 0.0 | 24.0 | $(22.1,26.0)$ | 3.1 | $(2.2,4.4)$ | 13.5 | (12.0,15.1) |
| 4-11.99 | 3.6 | 10.5 | 0.5 | 0.0 | 7.0 | $(5.9,8.4)$ | 0.3 | $(0.1,0.7)$ | 3.6 | $(3.0,4.3)$ |
| 12 or more | 0.2 | 0.4 | 0.1 | 0.0 | 0.3 | (0.1,0.6) | 0.1 | $(0.0,0.5)$ | 0.2 | (0.1,0.4) |
| Total | 100.0 | 100.0 | 100.0 | 100.0 | --- | --- | --- | --- | --- | --- |
| Mean | 1.36 | 2.95 | 0.42 | 0.00 | 2.15 | (1.97,2.33) | 0.21 | $(0.13,0.28)$ | 1.17 | $(1.03,1.31)$ |
| 95\% CI | $(1.15,1.58)$ | (2.66,3.24) | $(0.29,0.56)$ | (S) | --- | --- | --- | --- | --- | --- |

${ }^{1}$ Responses from parents with children in multiple rows are included in each relevant percentage.

Table 3-24. Summary of recall of radio ads among parents for the "Your Child at Risk" strategic platform ads

|  | Percent recalling "Your Child at Risk" radio ads |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 | Wave $2^{1}$ | Wave 3 | Wave 4 |  | Waves ear 2000) |  | Waves <br> ear 2001) |  | e for <br> ves |
| Total recall | \% | \% | \% | \% | \% | 95\% CI | \% | 95\% CI | \% | 95\% CI |

## Parents with one or <br> more child(ren) ${ }^{2}$ aged 12 to 18

| 0 | 77.6 | 100.0 | 100.0 | 97.3 | 88.7 | (87.3,90.0) | 98.6 | (97.4,99.3) | 93.7 | (92.7,94.6) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.01 to .99 | 4.2 | 0.0 | 0.0 | 0.0 | 2.1 | (1.6,2.8) | 0.0 | $(0.0,0.2)$ | 1.1 | $(0.8,1.4)$ |
| 1-3.99 | 13.3 | 0.0 | 0.0 | 1.9 | 6.7 | (5.8,7.7) | 1.0 | $(0.5,1.9)$ | 3.8 | (3.2,4.5) |
| 4-11.99 | 4.4 | 0.0 | 0.0 | 0.7 | 2.2 | (1.6,3.0) | 0.4 | $(0.2,0.9)$ | 1.3 | (1.0,1.7) |
| 12 or more | 0.5 | 0.0 | 0.0 | 0.0 | 0.3 | $(0.1,0.7)$ | 0.0 | $(0.0,0.2)$ | 0.1 | (0.1,0.3) |
| Total | 100.0 | 100.0 | 100.0 | 99.9 | --- | --- | --- | --- | --- | --- |
| Mean | 1.34 | 0.00 | 0.00 | 0.18 | 0.68 | $(0.56,0.80)$ | 0.09 | (0.03,0.15) | 0.38 | (0.31,0.46) |
| 95\% CI | (1.10,1.59) | (S) | (S) | (0.06,0.30) | --- | --- | --- | --- | --- | -- |

[^12]Table 3-25. Summary of recall of radio ads among parents for the "Perceptions of Harm" strategic platform ads

| Total recall | Percent recalling "Perceptions of Harm/Marijuana" radio ads |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 <br> \% | $\begin{gathered} \text { Wave } 2^{1} \\ \% \end{gathered}$ | Wave 3 <br> \% | Wave 4 <br> \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Average for all waves |  |
| Parents with one or more child(ren) ${ }^{2}$ aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 0 | 91.0 | 100.0 | 52.9 | 81.5 | 95.5 | $(94.5,96.3)$ | 67.5 | (64.1,70.7) | 81.3 | (79.5,83.0) |
| 0.01 to .99 | 2.5 | 0.0 | 9.8 | 3.9 | 1.3 | $(0.9,1.9)$ | 6.8 | $(5.6,8.3)$ | 4.1 | (3.4,4.8) |
| 1-3.99 | 5.8 | 0.0 | 25.3 | 11.6 | 2.9 | (2.3,3.7) | 18.3 | (16.4,20.4) | 10.7 | (9.7,11.8) |
| 4-11.99 | 0.6 | 0.0 | 10.4 | 2.7 | 0.3 | $(0.2,0.7)$ | 6.5 | $(5.3,7.9)$ | 3.4 | (2.9,4.1) |
| 12 or more | 0.0 | 0.0 | 1.6 | 0.2 | 0.0 | $(0.0,0.3)$ | 0.9 | $(0.5,1.7)$ | 0.4 | (0.2,0.9) |
| Total | 99.9 | 100.0 | 100.0 | 99.9 | --- | --- | --- | --- | --- | --- |
| Mean | 0.34 | 0.00 | 3.00 | 0.97 | 0.17 | (0.12,0.22) | 1.96 | (1.69,2.24) | 1.08 | (0.94,1.22) |
| 95\% CI | (0.25,0.43) | (S) | (2.56,3.45) | (0.79, 1.14 ) | --- | --- | --- | --- | --- | --- |

[^13]${ }^{2}$ Responses from parents with children in multiple rows are included in each relevant percentage.

Table 3-26. Summary of recall of radio ads among parents on the topic of inhalants

|  | Recall for all inhalant radio ads |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 | Wave $2^{1}$ | Wave 3 | Wave 4 |  | or Waves <br> ear 2000) |  | or Waves <br> ear 2001) |  | e for <br> aves |
| Total recall | \% | \% | \% | \% | \% | 95\% CI | \% | 95\% CI | \% | 95\% CI |

## Parents with one or <br> more child(ren) ${ }^{2}$

 aged 12 to 18| 0 | 91.0 | 100.0 | 63.2 | 99.0 | 95.5 | (94.5,96.3) | 81.4 | (78.0,84.5) | 88.4 | (86.7,89.9) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.01 to 99 | 2.5 | 0.0 | 9.8 | 0.0 | 1.3 | $(0.9,1.9)$ | 4.8 | $(3.6,6.4)$ | 3.1 | (2.4,3.9) |
| 1-3.99 | 5.8 | 0.0 | 21.0 | 0.5 | 2.9 | $(2.3,3.7)$ | 10.6 | $(8.6,12.9)$ | 6.8 | $(5.8,7.9)$ |
| 4-11.99 | 0.6 | 0.0 | 5.9 | 0.4 | 0.3 | $(0.2,0.7)$ | 3.1 | (2.2,4.3) | 1.7 | (1.3,2.4) |
| 12 or more | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | (0.0,0.3) | 0.1 | (0.0,0.4) | 0.0 | (0.0,0.2) |
| Total | 99.9 | 100.0 | 100.0 | 99.9 | --- | --- | --- | --- | --- | --- |
| Mean | 0.34 | 0.00 | 1.75 | 0.09 | 0.17 | (0.12,0.22) | 0.90 | (0.72, 1.08 ) | 0.54 | $(0.45,0.63)$ |
| 95\% CI | $(0.25,0.43)$ | (S) | (1.48,2.02) | $(0.02,0.15)$ | --- | --- | --- | --- | --- | --- |

${ }^{1}$ Radio ads on the topic of inhalants were not aired during Wave 2.
${ }^{2}$ Responses from parents with children in multiple rows are included in each relevant percentage.

Table 3-27. Recall of general anti-drug advertising among youth

| Total recall <br> Number of ad viewings per month | Percent recalling general anti-drug advertising |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 Wave 2 <br> $\%$ $\%$ |  | Wave 3 <br> \% | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Average for all waves |  |
| Youth aged 12 to 13 |  |  |  |  |  |  |  |  |  |  |
| 0 to .99 | 9.6 | 7.2 | 7.3 | 11.6 | 8.4 | $(7.2,9.7)$ | 9.4 | (7.7,11.6) | 8.9 | (7.8,10.2) |
| 1-3.99 | 16.0 | 14.4 | 16.7 | 19.6 | 15.2 | (13.0,17.6) | 18.1 | (16.0,20.5) | 16.6 | $(14.9,18.5)$ |
| 4-11.99 | 23.7 | 25.3 | 21.8 | 23.9 | 24.6 | $(22.6,26.6)$ | 22.8 | (19.9,26.0) | 23.7 | $(22.0,25.4)$ |
| 12 or more | 50.7 | 53.0 | 54.1 | 44.9 | 51.9 | $(49.1,54.7)$ | 49.7 | (47.0,52.3) | 50.8 | $(48.6,52.9)$ |
| Total | 100.0 | 99.9 | 99.9 | 100.0 | --- | --- |  |  |  |  |
| Mean | 28.43 | 32.22 | 29.78 | 27.16 | 30.35 | $(28.21,32.49)$ | 28.46 | (26.31,30.61) | 29.39 | (27.89,30.89) |
| 95\% CI | (26.20,30.67) | (28.60,35.85) | (26.87,32.69) | (24.22,30.09) | --- | --- |  |  |  |  |
| Youth aged 14 to 18 |  |  |  |  |  |  |  |  |  |  |
| 0 to .99 | 5.9 | 5.1 | 5.3 | 7.4 | 5.5 | $(4.3,6.9)$ | 6.3 | $(5.1,7.8)$ | 5.9 | (5.0,7.0) |
| 1-3.99 | 17.5 | 15.4 | 17.8 | 18.9 | 16.4 | $(14.3,18.8)$ | 18.4 | (16.4,20.4) | 17.4 | $(15.9,18.9)$ |
| 4-11.99 | 26.1 | 22.0 | 24.1 | 26.6 | 24.1 | (21.6,26.6) | 25.3 | $(23.1,27.7)$ | 24.7 | $(23.0,26.4)$ |
| 12 or more | 50.6 | 57.6 | 52.8 | 47.0 | 54.1 | (51.1,57.0) | 50.0 | $(47.2,52.8)$ | 52.0 | $(49.8,54.2)$ |
| Total | 100.1 | 100.1 | 100.0 | 99.9 | --- | --- |  |  |  |  |
| Mean | 26.56 | 32.83 | 28.57 | 25.93 | 29.68 | (27.71,31.65) | 27.25 | (25.52,28.98) | 28.45 | (27.16,29.75) |
| 95\% CI | (24.49,28.62) | (29.52,36.13) | (26.06,31.08) | (23.78,28.08) | --- | --- | --- | --- | --- |  |

Table 3-28. Recall of general TV and radio advertising, by youth by age, gender, race/ethnicity, risk score, and sensation seeking

| $\underline{\text { Characteristics }}$ | Percent of youth reporting having seen or heard TV or radio ads at least weekly |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 53.0 | 53.3 | 53.6 | 53.8 | 53.2 | $(49.6,56.7)$ | 53.7 | $(51.1,56.3)$ | 0.5 | (-3.2,4.3) |
| 14 to 15 | 57.7 | 61.0 | 62.0 | 59.8 | 59.3 | $(54.9,63.6)$ | 60.9 | (57.3,64.4) | 1.6 | (-3.8,7.0) |
| 16 to 18 | 52.9 | 62.4 | 54.1 | 54.6 | 57.6 | $(53.9,61.2)$ | 54.3 | (50.4,58.2) | -3.3 | (-8.2,1.6) |
| 14 to 18 | 55.0 | 61.8 | 57.8 | 56.9 | 58.4 | $(55.2,61.5)$ | 57.3 | (54.6,60.0) | -1.1 | (-4.8,2.6) |
| 12 to 18 | 54.4 | 59.3 | 56.5 | 56.0 | 56.9 | $(54.0,59.7)$ | 56.3 | (54.0,58.5) | -0.6 | (-3.6,2.3) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 54.5 | 60.2 | 55.0 | 54.7 | 57.4 | $(53.9,60.8)$ | 54.8 | $(51.8,57.8)$ | -2.5 | $(-6.5,1.4)$ |
| Females | 54.4 | 58.3 | 58.2 | 57.3 | 56.3 | (52.9,59.8) | 57.8 | (55.0,60.4) | 1.4 | (-2.2,5.0) |
| White | 55.4 | 59.6 | 55.5 | 55.1 | 57.5 | $(54.6,60.3)$ | 55.3 | (52.5,58.0) | -2.2 | (-5.9,1.4) |
| African American | 54.8 | 58.2 | 61.6 | 57.5 | 56.5 | $(49.7,63.2)$ | 59.5 | (54.3,64.6) | 3.0 | (-4.2,10.2) |
| Hispanic | 45.3 | 61.0 | 58.6 | 56.0 | 53.2 | (47.9,58.5) | 57.3 | (52.4,62.1) | 4.1 | $(-2.6,10.8)$ |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 54.4 | 64.1 | 60.9 | 55.7 | 59.0 | $(54.7,63.1)$ | 58.3 | (54.3,62.1) | -0.7 | (-5.9,4.4) |
| Lower risk | 54.5 | 56.3 | 55.0 | 57.3 | 55.4 | $(51.7,59.0)$ | 56.2 | $(53.6,58.7)$ | 0.8 | (-3.2,4.7) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 56.8 | 65.4 | 61.0 | 57.1 | 61.0 | $(58.2,63.7)$ | 59.1 | $(56.1,61.9)$ | -1.9 | (-5.4,1.6) |
| Low | 50.7 | 52.4 | 50.7 | 54.1 | 51.6 | $(47.1,56.1)$ | 52.5 | $(49.3,55.7)$ | 0.9 | $(-3.5,5.3)$ |

Table 3-29. Recall of newspaper and magazine advertising, by youth by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent of youth reporting having seen newspaper or magazine ads at least weekly |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 \% | Wave 2 \% | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 25.4 | 30.0 | 25.5 | 22.5 | 27.8 | (25.3,30.3) | 24.0 | (21.7,26.5) | -3.7 | *(-7.1,-0.4) |
| 14 to 15 | 27.6 | 32.0 | 28.8 | 23.2 | 29.8 | (26.1,33.8) | 26.1 | (23.3,29.1) | -3.7 | (-8.5,1.0) |
| 16 to 18 | 21.8 | 30.1 | 26.1 | 20.6 | 25.9 | (22.8,29.3) | 23.2 | (20.4,26.3) | -2.7 | (-6.9,1.5) |
| 14 to 18 | 24.4 | 31.0 | 27.4 | 21.7 | 27.7 | (25.2,30.3) | 24.5 | $(22.4,26.8)$ | -3.2 | (-6.3,0.0) |
| 12 to 18 | 24.7 | 30.7 | 26.8 | 21.9 | 27.7 | $(25.8,29.7)$ | 24.4 | $(22.5,26.3)$ | -3.3 | *(-5.9,-0.7) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 25.1 | 30.6 | 27.0 | 21.3 | 27.9 | $(25.1,30.9)$ | 24.2 | $(21.8,26.7)$ | -3.7 | *(-6.9,-0.5) |
| Females | 24.2 | 30.8 | 26.6 | 22.6 | 27.5 | (24.8,30.3) | 24.6 | (22.0,27.4) | -2.9 | $(-6.5,0.7)$ |
| White | 22.4 | 28.6 | 23.4 | 19.2 | 25.5 | (22.9,28.1) | 21.3 | $(19.0,23.8)$ | -4.1 | *(-7.7,-0.5) |
| African American | 30.1 | 37.2 | 36.3 | 29.9 | 33.7 | (29.4,38.3) | 33.1 | (28.4,38.1) | -0.6 | (-7.0,5.7) |
| Hispanic | 29.8 | 34.4 | 33.6 | 25.9 | 32.1 | (27.7,36.9) | 29.7 | (25.7,34.1) | -2.4 | (-8.4,3.6) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 26.8 | 34.6 | 28.9 | 22.3 | 30.5 | (27.2,34.1) | 25.6 | (22.4,29.1) | -4.9 | *(-9.5,-0.3) |
| Lower risk | 24.1 | 30.0 | 25.5 | 21.2 | 27.1 | (24.6,29.9) | 23.3 | $(21.1,25.7)$ | -3.8 | *(-7.4,-0.3) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 25.8 | 33.4 | 28.8 | 23.1 | 29.5 | (26.8,32.4) | 26.0 | $(23.4,28.8)$ | -3.5 | (-7.2,0.2) |
| Low | 23.7 | 27.4 | 24.3 | 20.1 | 25.6 | (23.0,28.4) | 22.2 | (19.9,24.6) | -3.5 | *(-6.9,0.0) |

Table 3-30. Recall of movie theater and video rental advertising, by youth by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent of youth reporting having seen movie theatre or video rental ads at least weekly |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | Wave 3$\%$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 7.8 | 8.0 | 9.7 | 8.2 | 7.9 | $(6.6,9.5)$ | 8.9 | $(7.2,11.0)$ | 1.0 | (-1.4,3.4) |
| 14 to 15 | 6.2 | 6.8 | 6.0 | 8.1 | 6.5 | $(5.1,8.3)$ | 7.0 | (5.4,9.0) | 0.5 | $(-1.8,2.8)$ |
| 16 to 18 | 6.4 | 9.2 | 5.7 | 4.1 | 7.8 | $(6.0,10.0)$ | 4.9 | $(3.5,6.8)$ | -2.9 | *(-5.7,-0.1) |
| 14 to 18 | 6.3 | 8.1 | 5.9 | 5.8 | 7.2 | $(6.0,8.6)$ | 5.9 | (4.7,7.3) | -1.3 | (-3.3,0.6) |
| 12 to 18 | 6.8 | 8.1 | 7.0 | 6.5 | 7.4 | $(6.4,8.6)$ | 6.8 | $(5.8,7.9)$ | -0.6 | (-2.3,1.0) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 7.1 | 8.5 | 8.1 | 6.8 | 7.8 | $(6.2,9.8)$ | 7.4 | $(6.2,8.9)$ | -0.4 | $(-2.6,1.9)$ |
| Females | 6.4 | 7.6 | 5.8 | 6.3 | 7.0 | $(5.7,8.5)$ | 6.1 | $(4.8,7.6)$ | -0.9 | (-2.9,1.0) |
| White | 5.5 | 6.0 | 4.3 | 4.8 | 5.8 | $(4.5,7.3)$ | 4.6 | (3.7,5.6) | -1.2 | $(-3.1,0.7)$ |
| African American | 10.1 | 16.1 | 12.7 | 10.4 | 13.2 | $(9.9,17.4)$ | 11.5 | $(8.8,15.0)$ | -1.7 | (-7.0,3.6) |
| Hispanic | 9.1 | 9.5 | 13.8 | 10.5 | 9.3 | $(7.0,12.3)$ | 12.1 | $(8.7,16.7)$ | 2.8 | $(-2.4,8.0)$ |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 7.4 | 11.4 | 7.3 | 6.2 | 9.3 | $(7.1,12.2)$ | 6.7 | (5.0,9.0) | -2.6 | $(-6.0,0.9)$ |
| Lower risk | 6.4 | 5.9 | 6.8 | 6.4 | 6.1 | (5.0,7.5) | 6.6 | (5.4,8.0) | 0.4 | (-1.4,2.2) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 6.9 | 8.8 | 7.1 | 6.2 | 7.8 | $(6.3,9.6)$ | 6.6 | $(5.3,8.3)$ | -1.2 | (-3.4,1.1) |
| Low | 6.9 | 6.8 | 6.7 | 6.7 | 6.9 | $(5.2,9.0)$ | 6.7 | $(5.4,8.3)$ | -0.2 | (-2.5,2.2) |

Table 3-31. Recall of billboard and other public posting advertising, by youth by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent of youth reporting having seen billboard or other public posting ads at least weekly |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\text { Wave } 4$$\%$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | $\begin{gathered} \text { Change from } \\ \text { Year } 2000 \text { to Year } 2001 \end{gathered}$ |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 27.0 | 30.0 | 26.5 | 25.4 | 28.5 | $(26.1,31.1)$ | 25.9 | (23.3,28.8) | -2.6 | (-6.1,1.0) |
| 14 to 15 | 31.2 | 23.5 | 28.7 | 29.4 | 27.3 | $(24.0,30.8)$ | 29.0 | (26.1,32.1) | 1.8 | (-2.6,6.2) |
| 16 to 18 | 25.9 | 25.6 | 24.2 | 25.7 | 25.8 | (22.7,29.1) | 25.0 | (21.7,28.5) | -0.8 | (-5.5,4.0) |
| 14 to 18 | 28.3 | 24.6 | 26.3 | 27.3 | 26.4 | $(24.1,28.9)$ | 26.8 | (24.4,29.3) | 0.4 | (-2.7,3.5) |
| 12 to 18 | 27.9 | 26.2 | 26.4 | 26.7 | 27.0 | $(25.2,28.9)$ | 26.5 | (24.6,28.6) | -0.5 | (-3.0,2.0) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 29.0 | 28.6 | 25.5 | 27.1 | 28.8 | $(26.3,31.4)$ | 26.3 | (23.5,29.3) | -2.5 | (-6.0,1.0) |
| Females | 26.7 | 23.6 | 27.2 | 26.4 | 25.2 | $(22.6,28.0)$ | 26.8 | (24.4,29.4) | 1.6 | (-1.9,5.1) |
| White | 24.7 | 23.5 | 23.3 | 23.7 | 24.1 | $(21.8,26.6)$ | 23.5 | (20.9,26.3) | -0.6 | (-3.8,2.6) |
| African American | 36.5 | 33.8 | 37.2 | 31.5 | 35.1 | (29.6,41.1) | 34.3 | (29.7,39.3) | -0.8 | (-8.4,6.7) |
| Hispanic | 33.4 | 30.3 | 28.7 | 34.2 | 31.8 | $(27.2,36.9)$ | 31.5 | (27.0,36.3) | -0.4 | (-6.6,5.8) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 27.4 | 29.6 | 28.4 | 28.2 | 28.4 | $(25.5,31.5)$ | 28.3 | (24.6,32.3) | -0.1 | (-4.8,4.6) |
| Lower risk | 28.9 | 24.5 | 26.0 | 26.3 | 26.7 | (24.2,29.3) | 26.2 | (24.0,28.4) | -0.5 | (-3.8,2.8) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 29.1 | 27.2 | 27.1 | 27.9 | 28.2 | $(25.9,30.5)$ | 27.5 | (24.8,30.4) | -0.7 | (-3.8,2.5) |
| Low | 26.6 | 25.2 | 25.1 | 25.0 | 25.9 | (22.8,29.3) | 25.1 | (22.7,27.6) | -0.9 | (-5.0,3.2) |

Table 3-32. Summary of recall of general anti-drug advertising among parents ${ }^{1}$

| Total recall <br> Number of ad viewings per month | Percent recalling general anti-drug advertising |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \end{gathered}$ | Wave 3 \% | Wave 4 \% |  | $\begin{gathered} \text { age for Waves } \\ 2 \text { (Year 2000) } \\ 95 \% \text { CI } \\ \hline \end{gathered}$ | Ave <br> 3 an <br> \% | $\begin{gathered} \hline \text { ge for Waves } \\ 4 \text { (Year 2001) } \\ 95 \% \text { CI } \\ \hline \end{gathered}$ | \% | $\begin{aligned} & \text { verage for } \\ & \text { ll waves } \\ & 95 \% \text { CI } \end{aligned}$ |
| Overall |  |  |  |  |  |  |  |  |  |  |
| 0 to .99 | 7.4 | 6.6 | 7.4 | 7.8 | 7.0 | (5.9,8.3) | 7.6 | $(6.6,8.9)$ | 7.3 | $(6.5,8.3)$ |
| 1-3.99 | 20.7 | 23.4 | 22.9 | 26.8 | 22.0 | (20.0,24.2) | 24.9 | (22.8,27.1) | 23.4 | (22.0,25.0) |
| 4-11.99 | 28.6 | 28.0 | 28.9 | 29.2 | 28.3 | (26.4,30.3) | 29.1 | (26.6,31.7) | 28.7 | (27.2,30.3) |
| 12 or more | 43.3 | 42.0 | 40.7 | 36.1 | 42.7 | (40.1,45.3) | 38.4 | $(35.8,41.1)$ | 40.6 | $(38.8,42.3)$ |
| Total | 100.0 | 100.0 | 99.9 | 99.9 | --- | --- |  |  |  |  |
| Mean | 21.98 | 20.21 | 21.11 | 19.63 | 21.11 | (19.75,22.46) | 20.36 | (18.90,21.82) | 20.73 | (19.62,21.84) |
| 95\% CI | (20.48,23.48) | (18.16,22.26) | (18.94,23.29) | (17.84,21.43) | --- | --- | --- | --- | --- | --- |

[^14]Table 3-33. Recall of general TV and radio advertising, by parents ${ }^{1}$ gender, race/ethnicity, education, and age of child(ren)

| Characteristics | Percent of parents reporting having seen or heard TV or radio ads at least weekly |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 <br> \% | Wave 2 \% | Wave 3 \% | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Overall | 51.4 | 47.8 | 49.1 | 48.5 | 49.6 | (47.0,52.2) | 48.8 | $(46.7,50.9)$ | -0.8 | (-4.1,2.5) |
| Male | 50.4 | 43.5 | 49.3 | 47.4 | 46.7 | $(42.7,50.7)$ | 48.4 | $(44.8,52.0)$ | 1.7 | $(-3.1,6.6)$ |
| Female | 52.0 | 51.2 | 48.9 | 49.1 | 51.6 | $(48.4,54.9)$ | 49.0 | $(46.2,51.8)$ | -2.6 | $(-6.6,1.4)$ |
| White | 50.2 | 46.9 | 48.1 | 47.2 | 48.6 | $(45.6,51.6)$ | 47.7 | $(45.3,50.0)$ | -0.9 | (-4.8,2.9) |
| African American | 56.5 | 54.5 | 56.6 | 55.8 | 55.5 | $(48.5,62.2)$ | 56.2 | $(49.2,63.0)$ | 0.8 | $(-8.8,10.3)$ |
| Hispanic | 58.1 | 53.0 | 48.7 | 53.7 | 55.5 | (49.7,61.2) | 51.3 | (45.0,57.5) | -4.2 | (-12.7,4.2) |
| Less than high school | 49.3 | 37.5 | 53.1 | 50.5 | 43.6 | $(37.8,49.6)$ | 51.7 | $(44.4,59.0)$ | 8.1 | (-1.2,17.5) |
| High school graduate | 55.3 | 49.6 | 50.1 | 53.4 | 52.6 | $(48.8,56.3)$ | 51.8 | $(47.6,55.9)$ | -0.8 | (-6.8,5.2) |
| Some college | 53.2 | 56.7 | 53.7 | 52.1 | 55.1 | $(50.8,59.3)$ | 52.8 | $(48.1,57.6)$ | -2.2 | (-8.3,3.9) |
| College graduate | 45.0 | 40.9 | 42.6 | 37.5 | 43.0 | $(38.6,47.6)$ | 40.1 | $(36.5,43.9)$ | -2.9 | (-8.4,2.7) |
| One or more child(ren) aged: |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 47.3 | 46.9 | 51.8 | 49.2 | 47.1 | $(44.3,50.0)$ | 50.5 | $(47.6,53.4)$ | 3.4 | $(-1.1,7.8)$ |
| 14 to 18 | 52.9 | 49.1 | 47.7 | 48.7 | 51.0 | (48.0,54.1) | 48.2 | (45.4,51.0) | -2.8 | (-6.8,1.2) |
| 12 to 18 | 51.4 | 47.8 | 49.1 | 48.5 | 49.6 | (47.0,52.2) | 48.8 | $(46.7,50.9)$ | -0.8 | $(-4.1,2.5)$ |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ Responses from parents with children in multiple rows are included in each relevant percentage.

Table 3-34. Recall of newspaper and magazine advertising, by parents ${ }^{1}$ gender, race/ethnicity, education, and age of child(ren)

| $\underline{\text { Characteristics }}$ | Percent of parents reporting having seen newspaper or magazine ads at least weekly |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | Wave 4 <br> \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Overall | 22.6 | 20.5 | 21.4 | 18.4 | 21.6 | $(19.8,23.5)$ | 19.8 | (17.8,22.1) | -1.7 | (-4.4,0.9) |
| Male | 23.0 | 18.4 | 23.8 | 14.7 | 20.5 | $(17.9,23.5)$ | 19.4 | $(16.3,23.0)$ | -1.1 | $(-5.1,2.9)$ |
| Female | 22.4 | 22.3 | 19.7 | 20.5 | 22.3 | $(20.0,24.9)$ | 20.1 | $(17.7,22.8)$ | -2.2 | (-5.4,1.0) |
| White | 19.0 | 16.3 | 18.8 | 15.4 | 17.7 | $(15.6,20.0)$ | 17.1 | $(14.9,19.5)$ | -0.6 | (-3.2,2.0) |
| African American | 33.4 | 34.8 | 33.7 | 29.6 | 34.1 | $(27.9,40.9)$ | 31.7 | $(25.6,38.4)$ | -2.5 | (-11.3,6.3) |
| Hispanic | 32.6 | 28.8 | 22.8 | 24.0 | 30.7 | (25.0,37.0) | 23.4 | $(19.3,28.2)$ | -7.2 | (-15.3, 0.8 ) |
| Less than high school | 23.9 | 19.0 | 28.9 | 21.3 | 21.5 | (17.4,26.3) | 25.0 | (19.3,31.6) | 3.4 | (-3.6,10.5) |
| High school graduate | 26.6 | 23.3 | 21.8 | 21.6 | 25.0 | (21.4,29.0) | 21.7 | $(18.5,25.3)$ | -3.3 | (-8.6,2.1) |
| Some college | 21.8 | 21.3 | 26.2 | 18.7 | 21.5 | (18.4,24.9) | 22.1 | $(18.5,26.2)$ | 0.6 | $(-4.2,5.5)$ |
| College graduate | 17.7 | 16.9 | 13.7 | 12.6 | 17.3 | $(14.4,20.7)$ | 13.2 | $(10.5,16.4)$ | -4.1 | *(-8.1,-0.2) |
| One or more child(ren) ${ }^{2}$ aged: |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 21.4 | 17.5 | 22.8 | 16.5 | 19.4 | $(17.3,21.7)$ | 19.7 | $(17.2,22.5)$ | 0.3 | $(-3.4,3.9)$ |
| 14 to 18 | 22.7 | 21.7 | 21.1 | 18.7 | 22.2 | $(19.9,24.7)$ | 19.8 | $(17.4,22.6)$ | -2.4 | $(-5.5,0.8)$ |
| 12 to 18 | 22.6 | 20.5 | 21.4 | 18.4 | 21.6 | $(19.8,23.5)$ | 19.8 | (17.8,22.1) | -1.7 | (-4.4,0.9) |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ Responses from parents with children in multiple rows are included in each relevant percentage.

Table 3-35. Recall of movie theater and video rental advertising, by parents ${ }^{1}$ gender, race/ethnicity, education, and age of child(ren)

| Characteristics | Percent of parents reporting having seen movie theatre or video rental ads at least weekly |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \end{gathered}$ | Wave 3 <br> \% | Wave 4 | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Overall | 3.0 | 2.7 | 4.0 | 3.7 | 2.8 | $(2.3,3.4)$ | 3.9 | (3.0,5.0) | 1.0 | * (0.0,2.0) |
| Male | 2.0 | 0.9 | 2.9 | 2.8 | 1.4 | $(0.9,2.3)$ | 2.9 | $(1.9,4.3)$ | 1.5 | * (0.1,2.8) |
| Female | 3.6 | 4.1 | 4.8 | 4.3 | 3.8 | $(3.1,4.7)$ | 4.5 | $(3.3,6.1)$ | 0.7 | (-0.7,2.0) |
| White | 1.0 | 0.8 | 2.4 | 1.5 | 0.9 | $(0.6,1.5)$ | 1.9 | (1.2,3.1) | 1.0 | *(0.0,2.0) |
| African American | 7.1 | 7.2 | 7.4 | 9.3 | 7.1 | $(4.9,10.4)$ | 8.4 | $(5.4,12.7)$ | 1.2 | (-2.8,5.2) |
| Hispanic | 7.3 | 6.6 | 7.8 | 9.2 | 7.0 | $(4.6,10.5)$ | 8.6 | $(5.6,12.9)$ | 1.6 | $(-2.5,5.6)$ |
| Less than high school | 9.7 | 5.4 | 10.8 | 5.6 | 7.6 | $(5.5,10.5)$ | 8.1 | $(5.4,12.0)$ | 0.5 | (-3.3,4.3) |
| High school graduate | 3.0 | 3.1 | 3.0 | 4.9 | 3.0 | $(2.0,4.6)$ | 3.9 | $(2.6,5.9)$ | 0.9 | (-1.1,2.9) |
| Some college | 1.5 | 2.3 | 4.8 | 3.2 | 1.9 | (1.2,3.0) | 4.0 | $(2.4,6.5)$ | 2.1 | $(0.0,4.1)$ |
| College graduate | 1.1 | 1.1 | 1.7 | 2.0 | 1.1 | $(0.6,1.9)$ | 1.8 | (1.0,3.4) | 0.7 | (-0.5,2.0) |
| One or more child(ren) ${ }^{2}$ aged: |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 2.7 | 2.6 | 5.8 | 5.1 | 2.7 | $(1.9,3.8)$ | 5.4 | (4.2,7.0) | 2.8 | * (1.2,4.3) |
| 14 to 18 | 3.2 | 2.4 | 3.1 | 3.6 | 2.8 | $(2.2,3.6)$ | 3.3 | $(2.4,4.7)$ | 0.5 | (-0.7,1.8) |
| 12 to 18 | 3.0 | 2.7 | 4.0 | 3.7 | 2.8 | $(2.3,3.4)$ | 3.9 | (3.0,5.0) | 1.0 | *(0.0,2.0) |

[^15]Table 3-36. Recall of billboard and other public posting advertising, by parents ${ }^{1}$ gender, race/ethnicity, education, and age of child(ren)

| Characteristics | Percent of parents reporting having seen billboard or other public posting ads at least weekly |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 <br> \% | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | Wave 3 \% | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Overall | 23.3 | 24.0 | 22.7 | 23.4 | 23.6 | $(21.6,25.7)$ | 23.1 | (21.0,25.3) | -0.6 | (-3.5,2.4) |
| Male | 22.0 | 25.0 | 22.8 | 21.2 | 23.6 | (20.4,27.2) | 22.0 | (19.1,25.2) | -1.6 | $(-5.8,2.6)$ |
| Female | 24.0 | 23.2 | 22.7 | 24.7 | 23.6 | (21.3,26.0) | 23.7 | $(21.2,26.4)$ | 0.1 | (-3.2,3.5) |
| White | 19.2 | 21.8 | 18.8 | 20.7 | 20.4 | (18.3,22.7) | 19.7 | $(17.5,22.2)$ | -0.7 | (-3.9,2.5) |
| African American | 32.6 | 31.9 | 34.9 | 30.8 | 32.2 | (27.5,37.3) | 32.9 | $(26.2,40.3)$ | 0.6 | $(-7.2,8.5)$ |
| Hispanic | 33.9 | 30.4 | 31.2 | 29.0 | 32.1 | (26.2,38.8) | 30.1 | $(25.2,35.5)$ | -2.1 | (-10.1,5.9) |
| Less than high school | 26.0 | 23.4 | 26.8 | 24.0 | 24.8 | (19.9,30.3) | 25.4 | $(20.9,30.4)$ | 0.6 | $(-5.5,6.7)$ |
| High school graduate | 23.9 | 24.1 | 21.3 | 25.4 | 24.0 | (20.6,27.8) | 23.3 | (19.9,27.1) | -0.7 | (-6.1,4.6) |
| Some college | 26.0 | 23.7 | 26.3 | 25.0 | 24.7 | (20.9,29.0) | 25.6 | $(21.8,29.7)$ | 0.8 | $(-4.7,6.4)$ |
| College graduate | 19.2 | 24.4 | 19.4 | 19.0 | 21.7 | $(18.3,25.4)$ | 19.2 | $(16.1,22.8)$ | -2.5 | (-7.4,2.5) |
| One or more child(ren) ${ }^{2}$ aged: |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 23.8 | 22.7 | 25.3 | 24.2 | 23.2 | (20.8,25.8) | 24.7 | (22.4,27.2) | 1.5 | (-2.2,5.2) |
| 14 to 18 | 22.6 | 25.3 | 21.9 | 22.8 | 23.9 | $(21.6,26.4)$ | 22.4 | $(19.7,25.3)$ | -1.5 | (-5.1,2.1) |
| 12 to 18 | 23.3 | 24.0 | 22.7 | 23.4 | 23.6 | (21.6,25.7) | 23.1 | (21.0,25.3) | -0.6 | (-3.5,2.4) |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ Responses from parents with children in multiple rows are included in each relevant percentage.

Table 3-37. Percent of youth using the Internet, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent using the Internet during previous 6 months |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 \% | Wave 2 \% | Wave 3 \% | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 79.1 | 80.4 | 85.1 | 83.3 | 79.8 | (77.2,82.1) | 84.2 | $(81.6,86.5)$ | 4.4 | *(1.0,7.8) |
| 14 to 15 | 86.4 | 87.3 | 93.4 | 90.5 | 86.9 | (83.9,89.4) | 92.0 | (89.9,93.6) | 5.1 | *(1.7,8.5) |
| 16 to 18 | 83.3 | 90.7 | 89.7 | 87.4 | 87.0 | (84.2,89.4) | 88.5 | $(85.7,90.8)$ | 1.5 | (-1.9,4.9) |
| 14 to 18 | 84.7 | 89.1 | 91.4 | 88.7 | 86.9 | (84.9,88.8) | 90.1 | (88.4,91.5) | 3.1 | *(0.7,5.5) |
| 12 to 18 | 83.1 | 86.6 | 89.6 | 87.2 | 84.9 | (83.3,86.3) | 88.4 | (86.9,89.7) | 3.5 | *(1.6,5.4) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 84.7 | 85.5 | 90.1 | 87.9 | 85.1 | (82.8,87.2) | 89.0 | $(86.9,90.7)$ | 3.8 | *(1.1,6.6) |
| Females | 81.4 | 87.7 | 89.0 | 86.4 | 84.6 | (82.7,86.4) | 87.7 | $(85.6,89.6)$ | 3.1 | * (0.5,5.8) |
| White | 89.0 | 90.9 | 92.3 | 91.5 | 89.9 | (88.2,91.4) | 91.9 | (90.3,93.2) | 2.0 | *(0.2,3.8) |
| African American | 70.6 | 79.4 | 85.1 | 79.4 | 75.1 | (70.4,79.3) | 82.2 | $(77.7,86.0)$ | 7.1 | *(0.6,13.6) |
| Hispanic | 65.8 | 75.1 | 81.0 | 74.5 | 70.5 | (64.9,75.6) | 77.8 | (72.4,82.3) | 7.2 | *(1.2,13.2) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 83.6 | 88.1 | 91.9 | 89.2 | 85.8 | (82.9,88.2) | 90.5 | $(88.3,92.4)$ | 4.8 | *(1.4,8.2) |
| Lower risk | 83.9 | 85.9 | 88.8 | 87.1 | 84.9 | (82.6,87.0) | 87.9 | $(86.0,89.7)$ | 3.0 | *(0.2,5.9) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 86.4 | 90.2 | 92.8 | 88.9 | 88.3 | (86.3,90.0) | 90.9 | (89.4,92.2) | 2.6 | * (0.5,4.7) |
| Low | 78.7 | 82.6 | 85.7 | 85.3 | 80.7 | (77.8,83.3) | 85.5 | (83.1,87.6) | 4.8 | *(1.5,8.1) |

Table 3-38. Percent of youth visiting anti-drug Internet sites, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent visiting anti-drug Internet sites during previous 6 months |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 9.2 | 10.0 | 10.1 | 6.8 | 9.6 | (8.0,11.6) | 8.4 | (7.1,10.0) | -1.2 | (-3.6,1.2) |
| 14 to 15 | 9.5 | 9.6 | 12.8 | 10.6 | 9.6 | $(7.5,12.2)$ | 11.8 | $(9.5,14.5)$ | 2.2 | (-1.4,5.9) |
| 16 to 18 | 10.9 | 8.0 | 9.4 | 10.1 | 9.4 | $(7.3,12.0)$ | 9.8 | $(7.5,12.6)$ | 0.4 | (-2.3,3.0) |
| 14 to 18 | 10.3 | 8.8 | 11.0 | 10.3 | 9.5 | (8.0,11.2) | 10.7 | (9.0,12.6) | 1.2 | (-0.9,3.3) |
| 12 to 18 | 10.0 | 9.1 | 10.7 | 9.3 | 9.5 | $(8.3,10.9)$ | 10.0 | (8.8,11.4) | 0.5 | (-1.2,2.2) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 9.9 | 8.1 | 9.8 | 7.6 | 8.9 | $(7.2,11.0)$ | 8.7 | (7.1,10.6) | -0.2 | (-2.6,2.2) |
| Females | 10.1 | 10.2 | 11.7 | 11.1 | 10.1 | $(8.3,12.3)$ | 11.4 | $(9.5,13.6)$ | 1.3 | (-1.4,4.0) |
| White | 9.8 | 7.3 | 10.8 | 8.2 | 8.5 | (7.2,9.8) | 9.5 | (8.0,11.2) | 1.0 | (-0.9,3.0) |
| African American | 11.8 | 11.4 | 9.2 | 14.6 | 11.6 | $(8.1,16.2)$ | 11.9 | $(8.4,16.7)$ | 0.3 | (-4.6,5.3) |
| Hispanic | 8.1 | 15.2 | 10.7 | 9.0 | 11.9 | $(8.5,16.5)$ | 9.9 | $(6.8,14.1)$ | -2.0 | (-7.3,3.2) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 10.3 | 9.8 | 11.8 | 11.2 | 10.1 | $(8.0,12.6)$ | 11.5 | (9.3,14.1) | 1.5 | (-1.7,4.7) |
| Lower risk | 10.1 | 6.7 | 10.3 | 8.4 | 8.2 | $(6.9,9.8)$ | 9.3 | (7.9,11.0) | 1.1 | (-1.1,3.3) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 11.2 | 9.7 | 12.8 | 10.5 | 10.4 | $(8.6,12.5)$ | 11.7 | $(9.8,13.8)$ | 1.3 | (-1.2,3.7) |
| Low | 8.6 | 7.1 | 7.9 | 8.0 | 7.8 | $(6.2,9.7)$ | 7.9 | $(6.4,9.7)$ | 0.2 | (-2.1,2.4) |

Table 3-39. Percent of youth visiting pro-drug Internet sites, by age, gender, race/ethnicity, risk score, and sensation seeking

| $\underline{\text { Characteristics }}$ | Percent visiting pro-drug Internet sites during previous 6 months |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | Wave 4$\%$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from <br> Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 3.2 | 2.4 | 2.7 | 1.8 | 2.8 | $(2.0,3.9)$ | 2.3 | $(1.5,3.4)$ | -0.5 | $(-1.8,0.8)$ |
| 14 to 15 | 6.2 | 3.8 | 8.3 | 4.0 | 4.9 | $(3.6,6.6)$ | 6.3 | (4.7,8.2) | 1.3 | (-1.1,3.8) |
| 16 to 18 | 8.7 | 5.1 | 8.1 | 6.6 | 6.8 | $(5.2,8.8)$ | 7.4 | $(5.7,9.5)$ | 0.6 | (-1.6,2.7) |
| 14 to 18 | 7.6 | 4.5 | 8.2 | 5.5 | 5.9 | (5.0,7.1) | 6.9 | $(5.7,8.3)$ | 0.9 | (-0.7,2.5) |
| 12 to 18 | 6.3 | 3.9 | 6.6 | 4.4 | 5.0 | $(4.3,5.9)$ | 5.5 | $(4.7,6.6)$ | 0.5 | (-0.8,1.7) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 8.3 | 4.3 | 7.2 | 5.3 | 6.2 | $(5.1,7.5)$ | 6.2 | (4.9,7.9) | 0.1 | (-1.9,2.1) |
| Females | 4.3 | 3.5 | 6.0 | 3.6 | 3.9 | $(2.8,5.3)$ | 4.8 | $(3.9,5.9)$ | 0.9 | (-0.4,2.3) |
| White | 6.7 | 3.7 | 7.0 | 4.3 | 5.1 | $(4.2,6.3)$ | 5.7 | $(4.6,6.9)$ | 0.5 | (-1.1,2.1) |
| African American | 3.1 | 5.1 | 5.7 | 4.7 | 4.2 | $(2.5,6.9)$ | 5.2 | (3.3,8.1) | 1.1 | (-1.9,4.0) |
| Hispanic | 5.1 | 2.5 | 5.2 | 4.4 | 3.7 | $(2.3,6.1)$ | 4.8 | $(2.5,8.9)$ | 1.1 | (-2.1,4.2) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 10.7 | 6.1 | 11.3 | 8.3 | 8.3 | (6.6,10.5) | 9.8 | $(8.0,11.9)$ | 1.4 | (-1.6,4.4) |
| Lower risk | 3.0 | 2.1 | 3.7 | 1.9 | 2.5 | $(1.8,3.5)$ | 2.8 | (2.0,3.9) | 0.3 | (-1.0,1.6) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 9.4 | 5.2 | 9.7 | 7.3 | 7.2 | $(5.9,8.7)$ | 8.5 | (7.0,10.3) | 1.3 | (-0.8,3.4) |
| Low | 2.7 | 1.9 | 2.6 | 1.0 | 2.3 | $(1.4,3.6)$ | 1.8 | (1.2,2.7) | -0.4 | $(-1.8,0.9)$ |

Table 3-40. Percent of parents ${ }^{1}$ using the Internet, by gender, race/ethnicity, education, and age of child(ren)

| Characteristics | Percent using the Internet during previous 6 months |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 | Wave 2 | Wave 3 | Wave 4 | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  | \% | \% | \% | \% | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Overall | 60.8 | 67.8 | 69.4 | 70.2 | 64.3 | (61.9,66.6) | 69.8 | $(66.8,72.6)$ | 5.5 | *(1.9,9.1) |
| Male | 65.1 | 68.7 | 68.8 | 70.2 | 67.1 | (63.3,70.6) | 69.5 | $(64.9,73.7)$ | 2.4 | (-3.0,7.8) |
| Female | 58.2 | 67.1 | 69.9 | 70.1 | 62.4 | $(59.7,65.0)$ | 70.0 | $(66.5,73.3)$ | 7.6 | * $(3.5,11.8)$ |
| White | 68.6 | 73.8 | 78.0 | 78.4 | 71.1 | (68.6,73.6) | 78.2 | $(75.7,80.5)$ | 7.1 | *(3.8,10.4) |
| African American | 43.8 | 57.1 | 52.8 | 57.9 | 50.7 | $(43.6,57.6)$ | 55.4 | $(48.8,61.8)$ | 4.7 | $(-3.6,13.1)$ |
| Hispanic | 34.9 | 44.8 | 38.4 | 39.5 | 39.9 | (34.1,46.1) | 39.0 | $(33.2,45.1)$ | -1.0 | (-9.6,7.6) |
| Less than high school | 28.2 | 31.9 | 19.7 | 31.9 | 30.0 | (24.5,36.1) | 26.1 | $(20.5,32.7)$ | -3.8 | (-12.2,4.6) |
| High school graduate | 44.4 | 61.9 | 63.6 | 59.0 | 52.8 | $(48.9,56.7)$ | 61.3 | $(57.2,65.2)$ | 8.5 | *(3.1,13.9) |
| Some college | 73.0 | 73.3 | 74.5 | 79.3 | 73.2 | (69.2,76.8) | 77.1 | $(73.0,80.8)$ | 4.0 | (-1.2,9.2) |
| College graduate | 87.0 | 88.6 | 93.3 | 92.6 | 87.8 | (84.2,90.6) | 93.0 | $(90.3,95.0)$ | 5.2 | *(1.4,9.0) |
| One or more child(ren) ${ }^{2}$ aged: |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 61.3 | 70.6 | 68.7 | 70.9 | 66.0 | (63.3,68.6) | 69.8 | $(66.5,72.9)$ | 3.7 | $(-0.5,8.0)$ |
| 14 to 18 | 60.8 | 65.8 | 69.6 | 70.2 | 63.2 | (60.4,66.0) | 69.9 | $(66.5,73.1)$ | 6.7 | * (2.6,10.8) |
| 12 to 18 | 60.8 | 67.8 | 69.4 | 70.2 | 64.3 | (61.9,66.6) | 69.8 | (66.8,72.6) | 5.5 | *(1.9,9.1) |

[^16]Table 3-41. Percent of parents ${ }^{1}$ visiting anti-drug Internet sites, by gender, race/ethnicity, education, and age of child(ren)

| Characteristics | Percent visiting anti-drug Internet sites during previous 6 months |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | Wave 3 <br> \% | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Overall | 5.8 | 7.7 | 9.3 | 8.0 | 6.7 | (5.7,7.8) | 8.7 | $(7.5,10.0)$ | 1.9 | *(0.3,3.5) |
| Male | 4.9 | 7.6 | 7.1 | 5.8 | 6.3 | $(4.7,8.5)$ | 6.5 | $(4.9,8.5)$ | 0.1 | (-2.3,2.6) |
| Female | 6.3 | 7.7 | 10.9 | 9.3 | 7.0 | $(5.8,8.4)$ | 10.0 | $(8.5,11.8)$ | 3.1 | * $(1.1,5.1)$ |
| White | 5.4 | 6.9 | 9.4 | 6.8 | 6.1 | $(5.1,7.4)$ | 8.1 | $(6.9,9.5)$ | 2.0 | *(0.3,3.6) |
| African American | 9.1 | 10.9 | 8.0 | 16.1 | 10.0 | (7.0,14.1) | 12.0 | $(8.5,16.9)$ | 2.0 | (-3.6,7.6) |
| Hispanic | 4.1 | 8.9 | 10.4 | 4.9 | 6.5 | (3.6,11.8) | 7.5 | $(4.9,11.4)$ | 1.0 | (-4.6,6.5) |
| Less than high school | 2.4 | 3.2 | 4.3 | 2.3 | 2.8 | (1.4,5.4) | 3.2 | $(1.6,6.3)$ | 0.5 | (-2.5,3.5) |
| High school graduate | 4.0 | 4.7 | 7.4 | 8.5 | 4.3 | $(3.1,6.0)$ | 8.0 | $(6.3,10.1)$ | 3.6 | * (1.2,6.0) |
| Some college | 8.3 | 11.3 | 14.0 | 9.7 | 9.9 | (7.3,13.3) | 11.7 | $(9.4,14.5)$ | 1.8 | (-2.0,5.6) |
| College graduate | 7.5 | 9.6 | 9.8 | 8.3 | 8.5 | $(6.5,11.1)$ | 9.0 | $(6.6,12.3)$ | 0.5 | $(-3.3,4.3)$ |
| One or more child(ren) ${ }^{2}$ aged: |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 5.6 | 5.8 | 9.8 | 8.1 | 5.7 | $(4.6,7.0)$ | 8.9 | $(7.6,10.5)$ | 3.2 | * (1.4,5.1) |
| 14 to 18 | 5.7 | 8.4 | 8.5 | 8.1 | 7.0 | $(5.8,8.4)$ | 8.3 | $(6.9,9.9)$ | 1.2 | (-0.7,3.2) |
| 12 to 18 | 5.8 | 7.7 | 9.3 | 8.0 | 6.7 | (5.7,7.8) | 8.7 | $(7.5,10.0)$ | 1.9 | * (0.3,3.5) |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ Responses from parents with children in multiple rows are included in each relevant percentage.

Table 3-42. Percent of parents ${ }^{1}$ visiting parenting skill Internet sites, by gender, race/ethnicity, education, and age of child(ren)

| Characteristics | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | Wave 2 \% | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from <br> Year 2000 to Year 2001 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Overall | 6.7 | 8.7 | 9.8 | 9.0 | 7.7 | $(6.7,8.9)$ | 9.4 | (8.2,10.8) | 1.7 | (0.0,3.4) |
| Male | 6.0 | 7.6 | 7.9 | 4.9 | 6.9 | $(5.2,9.0)$ | 6.5 | $(4.8,8.7)$ | -0.4 | (-3.0,2.2) |
| Female | 7.2 | 9.6 | 11.0 | 11.4 | 8.3 | $(7.1,9.7)$ | 11.2 | $(9.6,13.1)$ | 2.9 | *(0.8,5.1) |
| White | 6.6 | 7.8 | 10.0 | 8.1 | 7.2 | $(6.1,8.5)$ | 9.0 | $(7.7,10.5)$ | 1.8 | (0.0,3.7) |
| African American | 8.7 | 12.3 | 8.5 | 15.9 | 10.6 | $(7.4,14.9)$ | 12.2 | $(8.7,16.8)$ | 1.6 | $(-4.2,7.5)$ |
| Hispanic | 4.4 | 9.9 | 9.1 | 5.5 | 7.2 | $(4.1,12.2)$ | 7.2 | $(4.7,10.9)$ | 0.0 | (-5.4,5.5) |
| Less than high school | 2.1 | 3.6 | 3.7 | 2.3 | 2.8 | (1.4,5.6) | 3.0 | (1.4,6.1) | 0.1 | (-2.9,3.2) |
| High school graduate | 4.4 | 4.4 | 7.6 | 9.2 | 4.4 | $(3.1,6.2)$ | 8.4 | $(6.6,10.7)$ | 4.0 | * (1.5,6.5) |
| Some college | 9.3 | 12.4 | 14.0 | 10.2 | 11.0 | $(8.2,14.6)$ | 12.0 | $(9.5,15.0)$ | 1.0 | (-3.1,5.1) |
| College graduate | 9.8 | 12.5 | 11.3 | 10.7 | 11.1 | $(9.0,13.7)$ | 11.0 | $(8.7,13.9)$ | -0.1 | $(-3.5,3.3)$ |
| One or more child(ren) aged: |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 6.9 | 8.4 | 10.6 | 9.9 | 7.7 | $(6.3,9.3)$ | 10.3 | $(8.8,12.0)$ | 2.6 | *(0.3,4.9) |
| 14 to 18 | 6.5 | 8.7 | 8.6 | 8.6 | 7.6 | $(6.3,9.1)$ | 8.6 | $(7.2,10.3)$ | 1.0 | (-1.0,3.0) |
| 12 to 18 | 6.7 | 8.7 | 9.8 | 9.0 | 7.7 | $(6.7,8.9)$ | 9.4 | (8.2,10.8) | 1.7 | (0.0,3.4) |

[^17]${ }^{2}$ Responses from parents with children in multiple rows are included in each relevant percentage.

Table 3-43. In-school drug education experience of youth by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent ever attending drug education class or program in school |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | Wave 3$\%$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 83.9 | 83.2 | 82.4 | 78.8 | 83.5 | $(81.3,85.6)$ | 80.6 | (77.9,83.0) | -3.0 | (-5.9,0.0) |
| 14 to 15 | 76.0 | 84.1 | 76.6 | 75.7 | 80.1 | (76.7,83.2) | 76.2 | (73.0,79.1) | -4.0 | (-8.0,0.1) |
| 16 to 18 | 76.8 | 74.2 | 69.6 | 71.9 | 75.5 | (72.4,78.4) | 70.8 | (67.4,73.9) | -4.7 | *(-8.9,-0.6) |
| 14 to 18 | 76.5 | 78.7 | 72.9 | 73.5 | 77.6 | $(75.2,79.8)$ | 73.2 | (70.9,75.4) | -4.4 | *(-6.9,-1.9) |
| 12 to 18 | 78.6 | 80.0 | 75.7 | 75.1 | 79.3 | (77.4,81.1) | 75.4 | (73.5,77.2) | -4.0 | *(-6.1,-1.8) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 75.1 | 78.6 | 74.6 | 72.5 | 76.9 | $(74.5,79.1)$ | 73.5 | (71.0,75.9) | -3.3 | *(-6.2,-0.5) |
| Females | 82.2 | 81.5 | 76.8 | 77.8 | 81.9 | (79.4,84.1) | 77.3 | $(74.7,79.7)$ | -4.6 | *(-7.3,-1.8) |
| White | 78.2 | 80.3 | 75.0 | 75.4 | 79.2 | $(77.0,81.3)$ | 75.2 | (72.7,77.5) | -4.0 | *(-6.7,-1.4) |
| African American | 83.8 | 78.7 | 83.5 | 82.1 | 81.2 | $(77.0,84.7)$ | 82.8 | (79.0,86.0) | 1.6 | (-3.6,6.8) |
| Hispanic | 78.0 | 81.3 | 68.0 | 66.6 | 79.7 | (74.3,84.2) | 67.3 | (62.4,71.8) | -12.4 | *(-19.6,-5.2) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 75.9 | 79.8 | 69.9 | 71.8 | 77.7 | $(74.9,80.3)$ | 70.9 | (67.3,74.2) | -6.8 | *(-11.0,-2.6) |
| Lower risk | 80.3 | 81.2 | 78.9 | 77.7 | 80.7 | $(78.1,83.1)$ | 78.3 | (75.9,80.5) | -2.5 | (-5.8,0.9) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 76.8 | 80.9 | 73.2 | 74.3 | 78.8 | (76.0,81.4) | 73.7 | (71.5,75.8) | -5.1 | *(-8.4,-1.8) |
| Low | 80.8 | 79.7 | 79.0 | 76.2 | 80.2 | $(77.2,82.9)$ | 77.6 | (74.4,80.5) | -2.6 | (-6.0,0.8) |

Table 3-44. Out-of-school drug education experience of youth by age, gender, race/ethnicity, risk score, and sensation seeking

| $\underline{\text { Characteristics }}$ | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 10.1 | 9.9 | 9.2 | 7.7 | 10.0 | $(8.3,12.0)$ | 8.5 | $(7.0,10.1)$ | -1.5 | (-4.0,0.9) |
| 14 to 15 | 10.4 | 12.0 | 11.3 | 9.1 | 11.2 | $(8.8,14.3)$ | 10.2 | (8.1,12.8) | -1.0 | (-4.2,2.2) |
| 16 to 18 | 15.9 | 10.7 | 9.4 | 14.1 | 13.3 | $(11.0,16.2)$ | 11.8 | $(9.7,14.4)$ | -1.5 | (-5.2,2.2) |
| 14 to 18 | 13.4 | 11.3 | 10.3 | 11.9 | 12.4 | $(10.5,14.5)$ | 11.1 | $(9.6,12.8)$ | -1.3 | (-3.6,1.0) |
| 12 to 18 | 12.5 | 10.9 | 10.0 | 10.7 | 11.7 | $(10.3,13.3)$ | 10.3 | $(9.1,11.7)$ | -1.4 | (-3.1,0.4) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 13.7 | 12.5 | 10.3 | 10.3 | 13.1 | (11.2,15.2) | 10.3 | (8.7,12.2) | -2.8 | *(-5.0,-0.6) |
| Females | 11.2 | 9.3 | 9.7 | 11.1 | 10.2 | $(8.4,12.4)$ | 10.4 | $(8.6,12.4)$ | 0.1 | (-2.2,2.5) |
| White | 11.5 | 9.8 | 9.3 | 9.0 | 10.7 | $(8.9,12.8)$ | 9.1 | $(7.8,10.7)$ | -1.5 | (-3.6,0.6) |
| African American | 17.5 | 16.7 | 16.2 | 17.4 | 17.1 | (13.4,21.5) | 16.8 | $(12.9,21.7)$ | -0.3 | (-6.6,6.1) |
| Hispanic | 10.7 | 11.2 | 6.3 | 11.7 | 10.9 | (7.1,16.4) | 9.0 | $(6.8,11.9)$ | -1.9 | (-7.2,3.4) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 15.8 | 12.8 | 10.9 | 14.9 | 14.3 | $(11.5,17.7)$ | 12.9 | $(10.5,15.8)$ | -1.4 | (-4.8,1.9) |
| Lower risk | 10.5 | 9.3 | 8.8 | 7.7 | 9.8 | $(8.3,11.7)$ | 8.3 | $(6.9,9.8)$ | -1.6 | (-3.6,0.5) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 13.8 | 10.7 | 9.2 | 11.4 | 12.3 | $(10.5,14.3)$ | 10.3 | $(8.6,12.2)$ | -2.1 | (-4.5,0.4) |
| Low | 11.1 | 10.3 | 11.0 | 10.0 | 10.7 | $(8.7,13.1)$ | 10.5 | $(8.8,12.5)$ | -0.2 | (-2.8,2.3) |

Table 3-45. Recent in-school drug education experience of youth by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent attending drug education class or program in school in the past 12 months |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | Wave 2$\%$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 75.9 | 74.9 | 76.0 | 71.3 | 75.4 | $(72.5,78.1)$ | 73.6 | $(70.3,76.7)$ | -1.8 | (-5.7,2.2) |
| 14 to 15 | 65.2 | 72.5 | 69.0 | 67.5 | 68.6 | $(63.5,73.3)$ | 68.3 | (64.0,72.3) | -0.3 | (-6.0,5.4) |
| 16 to 18 | 59.7 | 51.1 | 50.1 | 58.7 | 55.5 | $(51.4,59.5)$ | 54.7 | $(50.4,58.9)$ | -0.8 | $(-6.7,5.1)$ |
| 14 to 18 | 62.4 | 61.1 | 59.7 | 62.7 | 61.8 | (58.4,65.1) | 61.2 | (58.0,64.4) | -0.6 | $(-4.5,3.4)$ |
| 12 to 18 | 66.6 | 65.6 | 64.6 | 65.3 | 66.1 | $(63.4,68.7)$ | 65.0 | (62.3,67.5) | -1.2 | (-4.4,2.1) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 62.3 | 61.5 | 62.7 | 62.6 | 61.9 | $(58.8,65.0)$ | 62.6 | (59.0,66.1) | 0.7 | $(-3.5,5.0)$ |
| Females | 71.2 | 69.4 | 66.7 | 68.2 | 70.3 | $(66.9,73.5)$ | 67.5 | (63.9,70.8) | -2.9 | (-7.1,1.3) |
| White | 66.7 | 67.9 | 64.1 | 66.7 | 67.2 | $(64.3,70.1)$ | 65.4 | (62.2,68.6) | -1.8 | $(-5.4,1.8)$ |
| African American | 73.2 | 63.3 | 74.5 | 71.9 | 68.4 | $(63.4,73.0)$ | 73.3 | (68.4,77.6) | 4.8 | (-2.1,11.8) |
| Hispanic | 60.4 | 58.7 | 53.8 | 52.5 | 59.5 | $(50.7,67.8)$ | 53.1 | (46.9,59.2) | -6.4 | (-16.9,4.1) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 62.1 | 61.5 | 58.8 | 59.4 | 61.8 | $(57.9,65.6)$ | 59.1 | (54.4,63.5) | -2.8 | (-8.8,3.2) |
| Lower risk | 69.1 | 69.2 | 68.5 | 69.3 | 69.2 | $(65.7,72.5)$ | 68.9 | (65.7,72.0) | -0.3 | (-4.8,4.3) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 64.6 | 67.2 | 61.6 | 64.5 | 65.8 | $(61.8,69.6)$ | 63.1 | (59.8,66.2) | -2.8 | (-7.8,2.3) |
| Low | 68.9 | 63.9 | 68.5 | 66.2 | 66.5 | (62.2,70.4) | 67.3 | (63.3,71.2) | 0.9 | (-3.9,5.6) |

Table 3-46. Recent out-of-school drug education experience of youth by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent attending drug education class or program outside of school in the past 12 months |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | Wave 2 \% | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 6.3 | 7.3 | 5.3 | 4.6 | 6.8 | $(5.5,8.4)$ | 4.9 | $(3.9,6.2)$ | -1.9 | (-3.7,0.0) |
| 14 to 15 | 6.9 | 7.9 | 6.1 | 4.8 | 7.5 | $(5.4,10.3)$ | 5.5 | (4.2,7.1) | -2.0 | (-4.6,0.6) |
| 16 to 18 | 9.7 | 5.3 | 5.3 | 7.9 | 7.6 | $(6.0,9.5)$ | 6.7 | $(5.2,8.6)$ | -0.9 | (-3.1,1.3) |
| 14 to 18 | 8.5 | 6.5 | 5.7 | 6.5 | 7.5 | $(6.0,9.3)$ | 6.1 | $(5.1,7.4)$ | -1.4 | (-3.1,0.3) |
| 12 to 18 | 7.9 | 6.8 | 5.6 | 6.0 | 7.3 | $(6.1,8.7)$ | 5.8 | $(4.9,6.8)$ | -1.5 | *(-2.8,-0.2) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 7.7 | 7.9 | 5.7 | 5.4 | 7.8 | $(6.4,9.4)$ | 5.5 | $(4.5,6.8)$ | -2.3 | *(-3.9,-0.6) |
| Females | 8.0 | 5.6 | 5.5 | 6.6 | 6.8 | $(5.2,8.8)$ | 6.1 | (4.8,7.5) | -0.7 | (-2.5,1.1) |
| White | 7.1 | 6.0 | 4.7 | 5.0 | 6.6 | $(5.0,8.5)$ | 4.9 | $(3.9,6.1)$ | -1.7 | (-3.5,0.1) |
| African American | 12.3 | 10.2 | 11.5 | 9.2 | 11.2 | $(8.5,14.7)$ | 10.3 | (7.4,14.1) | -0.9 | (-5.4,3.6) |
| Hispanic | 6.5 | 7.0 | 3.1 | 7.6 | 6.8 | $(4.1,11.0)$ | 5.4 | (3.6,7.9) | -1.4 | $(-5.3,2.5)$ |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 9.8 | 8.5 | 6.8 | 7.6 | 9.2 | (7.0,12.0) | 7.2 | $(5.4,9.5)$ | -2.0 | $(-4.5,0.6)$ |
| Lower risk | 6.5 | 5.7 | 5.3 | 4.4 | 6.1 | (4.9,7.5) | 4.9 | (3.9,6.1) | -1.2 | (-2.9,0.4) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 8.5 | 7.0 | 4.6 | 6.8 | 7.8 | $(6.2,9.7)$ | 5.6 | (4.4,7.2) | -2.2 | *(-4.1,-0.2) |
| Low | 7.3 | 5.9 | 7.2 | 4.9 | 6.6 | $(5.1,8.5)$ | 6.0 | $(4.8,7.5)$ | -0.6 | (-2.4,1.3) |

Table 3-47. Youth conversations with friends about drugs, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent who never had conversation with friends about drugs in the past 6 months |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | Wave 2 \% | Wave 3 \% | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 36.7 | 37.3 | 40.3 | 43.6 | 37.0 | $(34.2,39.8)$ | 42.0 | $(39.3,44.7)$ | 5.0 | * (1.4,8.6) |
| 14 to 15 | 18.5 | 30.4 | 22.5 | 22.6 | 24.6 | $(21.3,28.3)$ | 22.5 | $(19.7,25.6)$ | -2.1 | (-6.7,2.5) |
| 16 to 18 | 18.6 | 18.4 | 18.9 | 18.8 | 18.5 | $(16.2,21.1)$ | 18.8 | (16.7,21.2) | 0.3 | (-3.1,3.8) |
| 14 to 18 | 18.5 | 24.0 | 20.6 | 20.4 | 21.3 | $(19.3,23.4)$ | 20.5 | (18.7,22.4) | -0.8 | (-3.6,2.0) |
| 12 to 18 | 23.8 | 27.8 | 26.4 | 27.3 | 25.8 | $(24.2,27.5)$ | 26.8 | (25.4,28.3) | 1.0 | (-1.1,3.1) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 27.0 | 31.5 | 29.3 | 30.5 | 29.3 | (26.7,32.1) | 29.9 | $(27.5,32.4)$ | 0.5 | $(-3.2,4.3)$ |
| Females | 20.5 | 23.9 | 23.3 | 23.9 | 22.2 | (20.3,24.2) | 23.6 | $(21.3,26.0)$ | 1.4 | (-1.4,4.3) |
| White | 22.6 | 26.8 | 25.2 | 25.3 | 24.7 | $(22.7,26.7)$ | 25.2 | (23.4,27.1) | 0.6 | (-1.8,3.0) |
| African American | 30.8 | 30.6 | 32.0 | 30.5 | 30.7 | $(25.7,36.3)$ | 31.3 | (26.0,37.0) | 0.5 | $(-5.7,6.8)$ |
| Hispanic | 23.5 | 28.4 | 24.8 | 29.7 | 26.0 | $(21.3,31.4)$ | 27.2 | (23.1,31.8) | 1.3 | $(-5.3,7.8)$ |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 12.3 | 12.8 | 10.4 | 14.8 | 12.5 | $(10.3,15.1)$ | 12.6 | $(10.2,15.4)$ | 0.0 | (-3.6,3.7) |
| Lower risk | 32.0 | 35.3 | 36.7 | 34.1 | 33.7 | (31.4,36.1) | 35.4 | $(33.2,37.6)$ | 1.7 | $(-1.2,4.5)$ |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 15.5 | 17.0 | 16.2 | 19.5 | 16.2 | $(14.2,18.4)$ | 17.8 | $(15.9,20.0)$ | 1.6 | $(-1.5,4.8)$ |
| Low | 34.7 | 39.3 | 40.3 | 36.0 | 37.1 | $(34.1,40.1)$ | 38.1 | $(35.4,40.8)$ | 1.0 | $(-2.5,4.6)$ |

Table 3-48. Young people's conversations with friends about drugs, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent who had two or more conversations with friends about drugs in the past 6 months |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 44.4 | 43.8 | 39.1 | 39.5 | 44.1 | $(41.4,46.9)$ | 39.3 | $(36.8,41.9)$ | -4.8 | *(-8.6,-1.0) |
| 14 to 15 | 69.4 | 51.9 | 65.1 | 65.1 | 60.4 | $(56.3,64.3)$ | 65.1 | (61.6,68.3) | 4.7 | (-0.7,10.1) |
| 16 to 18 | 67.6 | 71.1 | 70.1 | 71.3 | 69.4 | $(66.3,72.3)$ | 70.7 | (68.2,73.1) | 1.4 | (-2.5,5.2) |
| 14 to 18 | 68.4 | 62.2 | 67.7 | 68.6 | 65.3 | $(62.8,67.7)$ | 68.2 | (65.9,70.4) | 2.9 | (-0.4,6.1) |
| 12 to 18 | 61.5 | 56.9 | 59.3 | 60.0 | 59.2 | $(57.4,60.9)$ | 59.7 | (57.8,61.5) | 0.5 | (-1.9,2.9) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 58.7 | 52.9 | 55.9 | 57.2 | 55.7 | $(52.9,58.6)$ | 56.5 | $(54.1,58.9)$ | 0.8 | (-3.0,4.5) |
| Females | 64.3 | 61.2 | 63.0 | 63.0 | 62.7 | $(60.2,65.2)$ | 63.0 | (60.1,65.8) | 0.3 | (-3.1,3.6) |
| White | 62.7 | 59.6 | 61.2 | 61.4 | 61.2 | $(58.8,63.5)$ | 61.3 | (59.3,63.3) | 0.1 | (-2.7,2.9) |
| African American | 50.6 | 52.0 | 51.3 | 56.6 | 51.3 | $(46.2,56.4)$ | 54.0 | (47.7,60.2) | 2.7 | (-4.4,9.8) |
| Hispanic | 67.2 | 54.6 | 59.3 | 59.4 | 60.8 | $(55.4,65.9)$ | 59.3 | (54.3,64.2) | -1.5 | (-8.6,5.7) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 76.1 | 78.0 | 77.8 | 76.8 | 77.0 | $(74.1,79.7)$ | 77.3 | (73.9,80.4) | 0.3 | (-3.9,4.5) |
| Lower risk | 51.0 | 44.7 | 47.4 | 51.0 | 47.8 | $(45.3,50.2)$ | 49.2 | (46.9,51.5) | 1.5 | (-1.6,4.5) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 72.4 | 70.0 | 71.9 | 69.6 | 71.2 | $(68.9,73.4)$ | 70.8 | (68.3,73.1) | -0.5 | (-3.9,2.9) |
| Low | 47.4 | 42.4 | 43.0 | 49.4 | 44.8 | $(41.6,48.1)$ | 46.2 | (43.3,49.2) | 1.4 | (-2.1,5.0) |

Table 3-49. Types of conversations among youth with friends about drugs, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent who had conversation with friend that "Marijuana use isn't so bad," in the past 6 months |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | Wave 3 <br> \% | Wave 4$\qquad$ \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 10.3 | 9.7 | 8.0 | 6.8 | 10.0 | $(8.2,12.1)$ | 7.4 | $(6.2,8.8)$ | -2.6 | *(-4.8,-0.3) |
| 14 to 15 | 23.1 | 16.1 | 22.6 | 20.4 | 19.5 | $(16.1,23.4)$ | 21.5 | $(18.5,24.9)$ | 2.0 | (-2.9,6.9) |
| 16 to 18 | 32.3 | 34.2 | 34.7 | 34.2 | 33.3 | $(29.9,36.8)$ | 34.5 | $(30.9,38.2)$ | 1.2 | $(-4.3,6.7)$ |
| 14 to 18 | 28.2 | 25.9 | 29.0 | 28.2 | 27.0 | $(24.9,29.3)$ | 28.6 | (26.2,31.1) | 1.6 | (-1.9,5.0) |
| 12 to 18 | 23.0 | 21.1 | 22.9 | 22.0 | 22.1 | $(20.4,23.9)$ | 22.4 | (20.6,24.3) | 0.3 | (-2.3,2.9) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 24.9 | 24.2 | 24.7 | 22.1 | 24.6 | (22.2,27.1) | 23.4 | $(20.9,26.0)$ | -1.2 | (-4.8,2.4) |
| Females | 21.1 | 17.9 | 20.9 | 21.8 | 19.5 | $(17.2,22.0)$ | 21.4 | (18.9,24.1) | 1.9 | (-1.2,5.0) |
| White | 22.3 | 22.9 | 23.2 | 22.3 | 22.6 | $(20.5,24.8)$ | 22.8 | (20.5,25.2) | 0.2 | (-3.0,3.4) |
| African American | 22.6 | 18.8 | 17.9 | 22.8 | 20.6 | $(16.1,26.0)$ | 20.5 | (16.2,25.5) | -0.2 | (-6.6,6.2) |
| Hispanic | 27.7 | 18.7 | 24.2 | 20.4 | 23.2 | (18.9,28.2) | 22.3 | (17.8,27.5) | -0.9 | (-7.3,5.5) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 40.5 | 42.8 | 44.1 | 42.2 | 41.6 | $(37.8,45.5)$ | 43.2 | (39.4,47.0) | 1.6 | (-4.3,7.5) |
| Lower risk | 10.6 | 7.8 | 9.2 | 9.4 | 9.2 | (7.5,11.2) | 9.3 | $(7.9,10.9)$ | 0.1 | (-2.3,2.6) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 31.8 | 31.7 | 32.8 | 32.3 | 31.8 | (29.5,34.1) | 32.6 | (29.8,35.4) | 0.8 | (-3.3,4.9) |
| Low | 12.0 | 9.3 | 9.4 | 9.8 | 10.6 | $(8.3,13.4)$ | 9.6 | $(8.1,11.4)$ | -1.0 | (-3.9,2.0) |

Table 3-50. Types of conversations among youth with friends about drugs, by age, gender, race/ethnicity, risk score, and sensation seeking

| $\underline{\text { Characteristics }}$ | Percent who had conversation with friend about "Specific things I could do to stay away from drugs," in the past 6 months |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from <br> Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 33.1 | 32.2 | 29.5 | 29.0 | 32.6 | (30.2,35.2) | 29.2 | (26.8,31.8) | -3.4 | (-7.0,0.1) |
| 14 to 15 | 31.5 | 29.6 | 27.9 | 32.6 | 30.5 | $(27.1,34.2)$ | 30.2 | $(27.5,33.0)$ | -0.3 | $(-4.5,3.8)$ |
| 16 to 18 | 28.5 | 25.8 | 29.4 | 26.1 | 27.2 | $(24.1,30.5)$ | 27.7 | (24.2,31.5) | 0.5 | (-4.4,5.5) |
| 14 to 18 | 29.8 | 27.6 | 28.7 | 29.0 | 28.7 | (26.7,30.8) | 28.8 | (26.7,31.1) | 0.1 | $(-3.0,3.3)$ |
| 12 to 18 | 30.8 | 28.9 | 28.9 | 29.0 | 29.8 | (28.2,31.5) | 28.9 | (27.2,30.8) | -0.9 | $(-3.4,1.6)$ |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 28.4 | 26.7 | 28.2 | 25.7 | 27.6 | $(25.2,30.1)$ | 27.0 | (24.7,29.4) | -0.6 | $(-3.9,2.7)$ |
| Females | 33.2 | 31.3 | 29.6 | 32.4 | 32.2 | (29.9,34.6) | 31.0 | $(28.5,33.7)$ | -1.2 | (-4.6,2.2) |
| White | 27.1 | 25.8 | 23.7 | 26.1 | 26.4 | $(24.7,28.3)$ | 24.9 | (22.8,27.1) | -1.6 | (-4.4,1.3) |
| African American | 37.2 | 33.6 | 44.3 | 34.4 | 35.4 | $(30.6,40.4)$ | 39.2 | (34.6,44.1) | 3.9 | (-2.9,10.6) |
| Hispanic | 41.6 | 38.9 | 36.5 | 37.7 | 40.2 | $(35.5,45.1)$ | 37.1 | (31.6,43.0) | -3.1 | (-11.3,5.2) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 30.9 | 25.2 | 30.2 | 26.0 | 28.1 | (25.4,31.0) | 28.1 | (24.7,31.8) | -0.1 | (-4.8,4.7) |
| Lower risk | 31.3 | 30.8 | 27.5 | 31.9 | 31.0 | $(28.7,33.5)$ | 29.7 | $(27.5,32.1)$ | -1.3 | $(-4.3,1.7)$ |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 29.1 | 28.2 | 25.6 | 25.4 | 28.7 | (26.4,31.1) | 25.5 | $(23.0,28.1)$ | -3.2 | $(-6.5,0.0)$ |
| Low | 33.6 | 29.7 | 33.6 | 34.0 | 31.6 | (29.0,34.3) | 33.8 | $(31.1,36.7)$ | 2.2 | (-1.9,6.3) |

Table 3-51. Types of conversations among youth with friends about drugs, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent who had conversation with friend about "Bad things that happen if you use drugs," in the past 6 months |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 46.2 | 46.2 | 43.6 | 40.1 | 46.2 | (43.9,48.6) | 41.9 | (39.4,44.3) | -4.4 | *(-7.8,-1.0) |
| 14 to 15 | 54.9 | 47.6 | 49.4 | 54.1 | 51.1 | (47.0,55.3) | 51.7 | $(48.1,55.2)$ | 0.5 | (-5.0,6.0) |
| 16 to 18 | 54.1 | 54.9 | 56.7 | 55.9 | 54.5 | (50.8,58.1) | 56.3 | (52.9,59.6) | 1.8 | (-3.4,7.0) |
| 14 to 18 | 54.4 | 51.5 | 53.2 | 55.1 | 53.0 | $(50.3,55.6)$ | 54.2 | $(51.9,56.4)$ | 1.2 | $(-2.4,4.9)$ |
| 12 to 18 | 52.1 | 50.0 | 50.4 | 50.7 | 51.0 | (48.9,53.1) | 50.6 | $(48.9,52.3)$ | -0.4 | (-3.1,2.3) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 46.9 | 44.4 | 47.0 | 47.0 | 45.7 | $(42.8,48.5)$ | 47.0 | $(44.2,49.9)$ | 1.4 | $(-2.7,5.4)$ |
| Females | 57.4 | 55.9 | 54.0 | 54.7 | 56.6 | (53.4,59.8) | 54.4 | (51.7,57.0) | -2.3 | $(-6.3,1.7)$ |
| White | 50.5 | 48.7 | 49.4 | 50.1 | 49.6 | (47.0,52.2) | 49.8 | $(47.7,51.9)$ | 0.2 | (-2.9,3.2) |
| African American | 51.2 | 48.3 | 54.5 | 50.9 | 49.7 | $(44.5,54.9)$ | 52.7 | (47.4,57.9) | 2.9 | (-3.7,9.6) |
| Hispanic | 56.3 | 56.2 | 51.5 | 55.0 | 56.3 | (51.3,61.2) | 53.3 | $(47.7,58.8)$ | -3.0 | (-11.3,5.2) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 55.7 | 53.4 | 56.1 | 54.2 | 54.6 | (50.8,58.3) | 55.1 | (51.6,58.6) | 0.6 | (-5.1,6.2) |
| Lower risk | 49.3 | 48.6 | 45.9 | 49.7 | 48.9 | (46.3,51.5) | 47.8 | $(45.6,50.0)$ | -1.1 | $(-4.3,2.1)$ |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 54.7 | 54.2 | 52.7 | 51.3 | 54.5 | $(51.2,57.7)$ | 52.1 | $(49.2,54.9)$ | -2.4 | $(-6.9,2.0)$ |
| Low | 48.9 | 46.0 | 47.5 | 50.5 | 47.4 | $(44.1,50.8)$ | 49.1 | $(46.3,51.8)$ | 1.7 | (-2.8,6.1) |

Table 3-52. Young people's conversations with parents about drugs, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent who never had conversation with parents about drugs in the past 6 months |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | Wave 3$\%$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 21.8 | 22.9 | 28.1 | 30.0 | 22.3 | (20.0,24.9) | 29.1 | (26.8,31.5) | 6.8 | *(3.3,10.2) |
| 14 to 15 | 21.4 | 27.0 | 27.7 | 28.4 | 24.2 | $(21.1,27.7)$ | 28.0 | (24.6,31.8) | 3.8 | (-0.8,8.3) |
| 16 to 18 | 29.9 | 25.7 | 27.1 | 29.7 | 27.8 | (25.4,30.4) | 28.4 | $(25.3,31.8)$ | 0.6 | (-3.3,4.5) |
| 14 to 18 | 26.1 | 26.3 | 27.4 | 29.1 | 26.2 | (24.2,28.3) | 28.3 | $(25.9,30.8)$ | 2.1 | (-0.6,4.7) |
| 12 to 18 | 24.9 | 25.3 | 27.6 | 29.4 | 25.1 | $(23.5,26.8)$ | 28.5 | (26.6,30.5) | 3.4 | *(1.1,5.7) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 27.2 | 25.1 | 32.0 | 31.6 | 26.1 | (23.8,28.5) | 31.8 | $(29.1,34.7)$ | 5.7 | *(1.9,9.5) |
| Females | 22.5 | 25.5 | 22.9 | 27.0 | 24.0 | $(21.5,26.6)$ | 25.0 | (22.6,27.6) | 1.0 | (-1.9,3.9) |
| White | 25.9 | 25.8 | 27.2 | 29.8 | 25.8 | $(23.9,27.9)$ | 28.5 | $(26.2,30.9)$ | 2.6 | $(0.0,5.3)$ |
| African American | 25.5 | 25.0 | 30.0 | 26.6 | 25.2 | (21.0,29.9) | 28.3 | (23.8,33.3) | 3.1 | $(-2.7,8.8)$ |
| Hispanic | 17.8 | 22.9 | 25.5 | 29.0 | 20.4 | (16.0,25.6) | 27.3 | $(23.2,31.7)$ | 6.9 | * (1.0,12.8) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 26.8 | 24.1 | 25.4 | 29.3 | 25.5 | (22.7,28.5) | 27.3 | $(24.3,30.6)$ | 1.8 | (-2.5,6.2) |
| Lower risk | 22.1 | 26.8 | 27.9 | 27.6 | 24.5 | (22.2,27.0) | 27.8 | $(25.5,30.2)$ | 3.3 | (-0.3,6.8) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 27.5 | 25.0 | 26.1 | 31.2 | 26.3 | (24.4,28.2) | 28.6 | (25.9,31.5) | 2.4 | (-0.7,5.4) |
| Low | 21.1 | 25.7 | 29.1 | 26.7 | 23.5 | $(20.6,26.7)$ | 27.9 | $(25.3,30.6)$ | 4.4 | * $(0.5,8.3)$ |

Table 3-53. Young people's conversations with parents about drugs, by age, gender, race/ethnicity, risk score, and sensation seeking

| $\underline{\text { Characteristics }}$ | Percent who had two or more conversations with parents about drugs in the past 6 months |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 59.2 | 56.2 | 53.0 | 51.1 | 57.7 | $(54.6,60.8)$ | 52.0 | $(49.3,54.7)$ | -5.7 | *(-9.8,-1.7) |
| 14 to 15 | 58.4 | 52.1 | 53.1 | 50.2 | 55.2 | $(51.2,59.2)$ | 51.7 | (48.1,55.3) | -3.5 | $(-8.6,1.7)$ |
| 16 to 18 | 48.4 | 51.7 | 44.7 | 47.8 | 50.0 | $(46.4,53.7)$ | 46.4 | (42.8,50.0) | -3.7 | (-8.6,1.2) |
| 14 to 18 | 52.8 | 51.9 | 48.7 | 48.9 | 52.4 | $(49.5,55.2)$ | 48.8 | (46.3,51.3) | -3.6 | *(-6.7,-0.5) |
| 12 to 18 | 54.7 | 53.1 | 50.0 | 49.5 | 53.9 | $(51.6,56.2)$ | 49.7 | (47.8,51.7) | -4.2 | *(-6.8,-1.5) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 53.4 | 53.2 | 45.2 | 47.8 | 53.3 | $(50.5,56.1)$ | 46.5 | (43.8,49.2) | -6.8 | *(-10.5,-3.2) |
| Females | 56.0 | 53.1 | 55.0 | 51.3 | 54.5 | $(51.4,57.7)$ | 53.2 | (50.1,56.2) | -1.4 | $(-5.1,2.4)$ |
| White | 53.7 | 52.3 | 50.1 | 48.0 | 53.0 | $(50.5,55.6)$ | 49.0 | (46.5,51.6) | -4.0 | *(-7.1,-0.8) |
| African American | 60.1 | 52.8 | 51.4 | 55.0 | 56.3 | $(50.3,62.2)$ | 53.2 | (47.4,59.0) | -3.1 | $(-10.7,4.5)$ |
| Hispanic | 57.5 | 58.5 | 49.6 | 51.2 | 58.0 | $(52.5,63.3)$ | 50.4 | (45.4,55.4) | -7.6 | *(-14.7,-0.4) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 52.4 | 54.8 | 50.2 | 48.9 | 53.6 | (49.9,57.2) | 49.6 | (46.1,53.0) | -4.0 | (-9.1,1.1) |
| Lower risk | 58.0 | 51.4 | 50.8 | 51.1 | 54.6 | $(51.8,57.5)$ | 50.9 | (48.2,53.6) | -3.7 | (-7.4,0.0) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 50.6 | 51.1 | 49.7 | 45.5 | 50.9 | $(48.1,53.6)$ | 47.6 | (44.6,50.8) | -3.2 | (-6.8,0.4) |
| Low | 60.3 | 55.0 | 50.2 | 54.7 | 57.6 | $(54.1,61.0)$ | 52.5 | (49.8,55.2) | -5.1 | *(-9.5,-0.7) |

Table 3-54. Young people's conversations with parents or friends about drugs, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent who had four or more conversations with parents or friends about drugs in the past 6 months |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 \% | Wave 2 \% | $\text { Wave } 3$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from <br> Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 42.8 | 41.7 | 37.5 | 34.9 | 42.2 | (39.3,45.2) | 36.2 | (33.4,39.0) | -6.0 | *(-10.2,-1.9) |
| 14 to 15 | 55.0 | 40.4 | 52.1 | 49.9 | 47.6 | (43.8,51.3) | 51.0 | (48.0,54.1) | 3.5 | (-1.2,8.1) |
| 16 to 18 | 53.4 | 56.8 | 54.4 | 53.6 | 55.1 | (51.8,58.3) | 54.0 | $(50.5,57.4)$ | -1.1 | $(-5.9,3.7)$ |
| 14 to 18 | 54.1 | 49.3 | 53.3 | 52.0 | 51.7 | $(49.3,54.1)$ | 52.6 | (50.3,55.0) | 0.9 | (-2.3,4.2) |
| 12 to 18 | 50.8 | 47.1 | 48.7 | 46.9 | 49.0 | $(47.1,50.8)$ | 47.8 | $(45.8,49.8)$ | -1.2 | $(-4.0,1.7)$ |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 49.2 | 45.8 | 47.8 | 44.9 | 47.5 | $(44.5,50.5)$ | 46.3 | $(43.7,49.0)$ | -1.2 | $(-5.3,3.0)$ |
| Females | 52.5 | 48.5 | 49.7 | 49.0 | 50.5 | (48.0,52.9) | 49.3 | $(46.3,52.3)$ | -1.1 | $(-5.2,2.9)$ |
| White | 52.5 | 48.6 | 50.3 | 47.3 | 50.6 | $(48.4,52.7)$ | 48.8 | $(46.5,51.1)$ | -1.8 | $(-4.9,1.3)$ |
| African American | 41.7 | 40.8 | 41.1 | 45.5 | 41.2 | $(36.4,46.3)$ | 43.4 | $(37.6,49.3)$ | 2.1 | $(-6.2,10.5)$ |
| Hispanic | 54.8 | 49.3 | 50.1 | 46.7 | 52.0 | (45.9,58.0) | 48.4 | $(43.6,53.1)$ | -3.6 | (-10.3,3.1) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 61.0 | 64.3 | 62.3 | 60.1 | 62.5 | (59.6,65.4) | 61.2 | $(57.3,64.9)$ | -1.4 | $(-6.3,3.6)$ |
| Lower risk | 43.7 | 36.4 | 40.1 | 39.8 | 40.0 | (37.4,42.5) | 40.0 | $(37.5,42.4)$ | 0.0 | $(-3.7,3.7)$ |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 58.2 | 55.4 | 57.4 | 53.0 | 56.8 | $(54.1,59.5)$ | 55.3 | (52.4,58.1) | -1.5 | $(-5.6,2.6)$ |
| Low | 41.2 | 37.3 | 36.5 | 40.3 | 39.2 | (36.2,42.3) | 38.4 | (35.2,41.8) | -0.8 | $(-5.5,4.0)$ |

Table 3-55. Young people's conversations about anti-drug ads, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent who talked with parents/caregivers about anti-drug ads in recent months |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\text { Wave } 1$$\%$ | Wave 2 \% | Wave 3 <br> \% | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from <br> Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 40.1 | 37.4 | 36.8 | 35.1 | 38.7 | (36.1,41.3) | 35.9 | $(33.3,38.6)$ | -2.8 | (-6.6,1.0) |
| 14 to 15 | 30.8 | 30.0 | 28.5 | 27.4 | 30.4 | (27.0,34.1) | 28.0 | (24.9,31.3) | -2.4 | (-7.4,2.5) |
| 16 to 18 | 21.2 | 16.3 | 20.0 | 22.4 | 18.7 | (15.8,22.1) | 21.2 | (18.4,24.4) | 2.5 | (-2.0,7.0) |
| 14 to 18 | 25.5 | 22.6 | 24.0 | 24.6 | 24.0 | (22.0,26.2) | 24.3 | $(22.0,26.8)$ | 0.3 | (-3.1,3.6) |
| 12 to 18 | 29.6 | 26.8 | 27.7 | 27.7 | 28.2 | $(26.5,30.0)$ | 27.7 | (25.9,29.5) | -0.5 | (-3.1,2.0) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 28.0 | 25.6 | 24.6 | 25.9 | 26.8 | (24.6,29.2) | 25.3 | (23.0,27.7) | -1.6 | (-5.3,2.2) |
| Females | 31.2 | 28.1 | 30.8 | 29.6 | 29.6 | (26.9,32.6) | 30.2 | $(27.5,33.0)$ | 0.5 | (-3.4,4.4) |
| White | 27.0 | 25.2 | 28.1 | 25.1 | 26.1 | (24.1,28.2) | 26.5 | $(24.5,28.7)$ | 0.4 | (-2.6,3.5) |
| African American | 37.2 | 30.3 | 31.1 | 36.5 | 33.7 | (28.8,39.1) | 33.9 | (28.9,39.4) | 0.2 | $(-6.5,6.9)$ |
| Hispanic | 37.6 | 33.3 | 20.3 | 31.5 | 35.4 | (31.0,40.1) | 26.1 | $(22.5,30.1)$ | -9.3 | *(-15.3,-3.3) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 20.8 | 18.4 | 19.1 | 21.6 | 19.6 | $(16.9,22.7)$ | 20.4 | $(17.5,23.5)$ | 0.7 | (-3.0,4.5) |
| Lower risk | 37.4 | 30.9 | 32.8 | 32.5 | 34.1 | (31.8,36.4) | 32.6 | (30.4,35.0) | -1.4 | (-4.8,1.9) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 22.4 | 20.1 | 20.9 | 21.6 | 21.3 | (19.2,23.6) | 21.2 | (18.9,23.7) | -0.1 | (-3.1,3.0) |
| Low | 39.3 | 34.6 | 37.4 | 35.3 | 36.9 | (34.0,39.9) | 36.3 | (33.6,39.1) | -0.6 | (-4.7,3.5) |

Table 3-56. Young people's conversations about anti-drug ads, by age, gender, race/ethnicity, risk score, and sensation seeking

| $\underline{\text { Characteristics }}$ | Percent who talked with others (friends, other adults, etc.) about anti-drug ads in recent months |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | Wave 2$\%$ | Wave 3 \% | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 39.7 | 44.5 | 39.4 | 37.5 | 42.1 | $(39.0,45.4)$ | 38.4 | (35.3,41.6) | -3.7 | (-8.0,0.6) |
| 14 to 15 | 45.0 | 39.9 | 41.7 | 41.9 | 42.4 | $(38.5,46.5)$ | 41.8 | $(38.5,45.1)$ | -0.7 | $(-6.0,4.7)$ |
| 16 to 18 | 45.6 | 34.5 | 39.1 | 36.6 | 40.1 | (36.2,44.1) | 37.8 | (34.4,41.3) | -2.3 | (-7.4,2.8) |
| 14 to 18 | 45.3 | 37.0 | 40.3 | 38.9 | 41.1 | $(38.5,43.8)$ | 39.6 | (37.0,42.3) | -1.6 | (-5.0,1.9) |
| 12 to 18 | 43.7 | 39.1 | 40.0 | 38.5 | 41.4 | $(39.3,43.6)$ | 39.3 | $(37.0,41.5)$ | -2.2 | (-4.9,0.6) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 40.3 | 34.6 | $35.5$ |  | $37.4$ |  | $33.4$ |  | -4.0 | $*(-7.7,-0.2)$ |
| Females | 47.3 | $43.8$ | 44.6 | $45.9$ | $45.5$ | $(42.8,48.3)$ | $45.3$ | $(41.9,48.7)$ | -0.2 | $(-4.6,4.1)$ |
| White | 42.6 | 38.6 | 39.8 | 36.2 | 40.6 | $(38.1,43.1)$ | 38.0 | (35.4,40.6) | -2.6 | (-5.9,0.6) |
| African American | 48.8 | 40.9 | 39.7 | 45.6 | 44.8 | $(39.6,50.1)$ | $42.8$ | $(37.7,48.0)$ | -2.0 | $(-8.5,4.5)$ |
| Hispanic | 42.9 | 41.5 | 39.1 | 37.8 | 42.2 | (37.1,47.4) | 38.4 | (33.0,44.2) | -3.7 | (-11.9,4.5) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | $46.5$ | $41.3$ | $35.8$ |  |  | $(40.4,47.7)$ | $37.4$ | $(33.6,41.4)$ | -6.6 | $*(-11.8,-1.4)$ |
| Lower risk | 41.9 | $36.9$ | 41.7 | 39.1 | 39.4 | $(36.6,42.2)$ | $40.3$ | $(37.7,43.0)$ | 1.0 | $(-2.5,4.4)$ |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 43.8 | 41.6 | 40.5 | 37.7 | 42.7 | $(40.1,45.3)$ | 39.1 | (36.4,42.0) | -3.6 | (-7.3,0.2) |
| Low | 44.3 | 35.0 | 39.8 | 39.6 | 39.5 | (36.0,43.1) | 39.7 | (36.6,42.8) | 0.2 | (-3.8,4.2) |

Table 3-57. Recall of stories on TV news or radio news about drugs among youth by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent recalling stories on TV or radio news at least once a week in recent months |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 30.6 | 32.7 | 29.1 | 24.3 | 31.7 | (28.8,34.6) | 26.7 | (24.0,29.6) | -4.9 | *(-8.8,-1.1) |
| 14 to 15 | 32.3 | 31.5 | 33.8 | 24.1 | 31.9 | $(28.2,35.9)$ | 29.1 | $(26.3,32.0)$ | -2.9 | (-7.5,1.8) |
| 16 to 18 | 32.0 | 33.2 | 36.0 | 24.9 | 32.6 | (28.9,36.7) | 30.2 | (26.6,34.2) | -2.4 | (-7.9,3.2) |
| 14 to 18 | 32.2 | 32.5 | 35.0 | 24.5 | 32.3 | (29.5,35.2) | 29.7 | (27.2,32.4) | -2.6 | $(-6.5,1.3)$ |
| 12 to 18 | 31.7 | 32.5 | 33.3 | 24.5 | 32.1 | (29.8,34.5) | 28.8 | (26.8,31.0) | -3.3 | *(-6.5,0.0) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 31.9 | 31.2 | 30.9 | 23.9 | 31.6 | (28.6,34.7) | 27.4 | (24.4,30.6) | -4.2 | (-8.5,0.1) |
| Females | 31.5 | 33.9 | 35.8 | 25.1 | 32.7 | (29.9,35.6) | 30.4 | (27.8,33.2) | -2.3 | (-6.2,1.6) |
| White | 30.9 | 32.7 | 30.9 | 23.3 | 31.7 | (29.2,34.4) | 27.1 | $(24.5,29.8)$ | -4.6 | *(-8.3,-1.0) |
| African American | 36.1 | 34.0 | 40.6 | 24.9 | 35.0 | (29.8,40.6) | 32.6 | (27.6,38.1) | -2.4 | (-9.6,4.8) |
| Hispanic | 31.4 | 33.3 | 34.1 | 30.1 | 32.4 | (26.9,38.4) | 32.1 | (27.0,37.6) | -0.3 | (-8.9,8.3) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 32.4 | 38.6 | 33.9 | 24.7 | 35.4 | (31.6,39.3) | 29.3 | $(26.2,32.7)$ | -6.0 | *(-10.9,-1.2) |
| Lower risk | 31.5 | 29.4 | 31.4 | 24.9 | 30.5 | (27.6,33.5) | 28.1 | (25.9,30.4) | -2.3 | (-6.3,1.6) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 32.9 | 36.5 | 33.1 | 23.6 | 34.6 | (31.4,37.9) | 28.4 | (25.9,31.1) | -6.2 | *(-10.4,-2.0) |
| Low | 30.7 | 27.4 | 33.9 | 25.8 | 29.0 | (25.8,32.4) | 29.8 | (26.6,33.2) | 0.8 | (-4.4,6.0) |

Table 3-58. Recall of stories in TV movies, sitcoms, or dramas about drugs among youth by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent recalling stories about drugs in TV movies, sitcoms, or dramas at least once a week in recent months |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 18.0 | 20.2 | 18.0 | 15.1 | 19.1 | $(16.9,21.5)$ | 16.5 | $(14.3,19.0)$ | -2.6 | (-5.9,0.7) |
| 14 to 15 | 26.7 | 22.8 | 26.3 | 24.0 | 24.8 | $(22.0,27.7)$ | 25.2 | (22.4,28.2) | 0.4 | (-3.9,4.8) |
| 16 to 18 | 25.2 | 24.9 | 26.8 | 23.0 | 25.0 | $(21.9,28.5)$ | 24.8 | (21.7,28.2) | -0.2 | (-4.6,4.2) |
| 14 to 18 | 25.9 | 23.9 | 26.6 | 23.5 | 24.9 | $(22.9,27.0)$ | 25.0 | $(22.5,27.7)$ | 0.1 | (-3.3,3.5) |
| 12 to 18 | 23.6 | 22.8 | 24.1 | 21.0 | 23.2 | $(21.6,25.0)$ | 22.6 | $(20.5,24.7)$ | -0.7 | (-3.4,2.0) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 23.5 | 20.4 | 21.4 | 20.8 | 21.9 | $(19.7,24.3)$ | 21.1 | $(18.7,23.7)$ | -0.8 | (-4.1,2.5) |
| Females | 23.8 | 25.4 | 26.9 | 21.3 | 24.6 | (22.2,27.2) | 24.1 | $(21.3,27.1)$ | -0.5 | (-4.4,3.5) |
| White | 22.2 | 22.1 | 23.6 | 20.8 | 22.2 | $(20.1,24.4)$ | 22.2 | $(19.8,24.8)$ | 0.1 | (-2.9,3.0) |
| African American | 31.4 | 24.7 | 28.6 | 23.3 | 28.0 | $(23.7,32.7)$ | 25.9 | $(21.7,30.6)$ | -2.1 | (-8.9,4.7) |
| Hispanic | 22.9 | 24.0 | 21.2 | 21.6 | 23.5 | $(18.9,28.7)$ | 21.4 | (17.4,26.0) | -2.0 | (-8.7,4.6) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 26.6 | 28.6 | 26.4 | 22.7 | 27.6 | $(24.6,30.8)$ | 24.6 | (21.0,28.5) | -3.0 | $(-7.5,1.5)$ |
| Lower risk | 22.3 | 19.9 | 21.4 | 20.6 | 21.0 | $(19.1,23.1)$ | 21.0 | (18.7,23.4) | -0.1 | (-3.2,3.1) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 26.0 | 23.7 | 24.9 | 20.9 | 24.9 | (22.4,27.6) | 22.9 | (20.2,26.0) | -2.0 | (-5.9,2.0) |
| Low | 20.8 | 21.7 | 23.1 | 21.5 | 21.3 | $(18.5,24.3)$ | 22.3 | (19.6,25.2) | 1.0 | (-2.9,4.9) |

Table 3-59. Recall of stories on TV talk shows about drugs among youth by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent recalling stories about drugs on TV talk shows at least once a week in recent months |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | Wave 2 \% | Wave 3 \% | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 16.9 | 15.8 | 16.4 | 14.1 | 16.3 | $(14.4,18.5)$ | 15.3 | (13.3,17.5) | -1.1 | $(-3.8,1.7)$ |
| 14 to 15 | 20.2 | 25.4 | 20.1 | 19.7 | 22.9 | (19.9,26.1) | 19.9 | $(17.2,22.9)$ | -3.0 | (-7.2,1.3) |
| 16 to 18 | 26.3 | 24.1 | 26.8 | 22.5 | 25.2 | $(22.1,28.6)$ | 24.5 | $(21.0,28.4)$ | -0.7 | (-5.7,4.4) |
| 14 to 18 | 23.6 | 24.7 | 23.6 | 21.3 | 24.1 | (21.9,26.5) | 22.4 | $(20.2,24.8)$ | -1.7 | (-4.7,1.3) |
| 12 to 18 | 21.7 | 22.1 | 21.5 | 19.2 | 21.9 | $(20.1,23.8)$ | 20.4 | (18.6,22.3) | -1.5 | (-4.0,1.0) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 17.4 | 19.2 | 19.1 | 17.6 | 18.3 | (15.9,21.0) | 18.3 | (16.0,21.0) | 0.0 | (-3.4,3.5) |
| Females | 26.1 | 25.2 | 24.1 | 20.9 | 25.6 | (23.2,28.3) | 22.5 | $(20.2,24.9)$ | -3.1 | $(-6.5,0.2)$ |
| White | 19.9 | 19.9 | 20.5 | 18.9 | 19.9 | $(17.6,22.3)$ | 19.7 | (17.6,22.0) | -0.2 | $(-3.3,2.9)$ |
| African American | 28.7 | 30.7 | 27.4 | 23.6 | 29.7 | (25.6,34.3) | 25.5 | (20.6,31.0) | -4.3 | $(-11.0,2.4)$ |
| Hispanic | 24.2 | 25.5 | 20.6 | 17.4 | 24.9 | $(19.7,30.8)$ | 19.0 | (14.7,24.2) | -5.9 | $(-13.4,1.7)$ |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 25.7 | 26.4 | 23.5 | 25.6 | 26.0 | (23.0,29.2) | 24.6 | (21.4,28.0) | -1.4 | (-5.9,3.0) |
| Lower risk | 19.2 | 19.1 | 18.3 | 16.2 | 19.1 | (16.9,21.6) | 17.2 | $(15.3,19.4)$ | -1.9 | $(-5.2,1.4)$ |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 23.4 | 24.1 | 22.6 | 20.9 | 23.7 | (21.2,26.5) | 21.8 | (19.2,24.5) | -1.9 | (-5.4,1.5) |
| Low | 20.1 | 19.4 | 20.2 | 17.6 | 19.7 | (17.3,22.4) | 18.9 | (16.4,21.7) | -0.9 | $(-4.6,2.9)$ |

Table 3-60. Recall of stories in movies (theater/rental) about drugs among youth by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent recalling stories about drugs in movies (theater/rental) at least once a week in recent months |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 \% | Wave 2 \% | $\text { Wave } 3$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from <br> Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 11.4 | 13.2 | 14.4 | 10.7 | 12.4 | (10.7,14.3) | 12.6 | (10.4,15.2) | 0.2 | (-2.5,3.0) |
| 14 to 15 | 15.8 | 18.9 | 20.8 | 19.5 | 17.4 | $(14.8,20.3)$ | 20.2 | (17.5,23.2) | 2.8 | (-0.4,6.0) |
| 16 to 18 | 22.0 | 23.2 | 24.5 | 16.5 | 22.6 | (19.4,26.1) | 20.4 | $(17.3,23.8)$ | -2.3 | (-6.7,2.2) |
| 14 to 18 | 19.3 | 21.3 | 22.8 | 17.8 | 20.3 | $(18.1,22.6)$ | 20.3 | (18.0,22.8) | 0.0 | (-2.9,2.9) |
| 12 to 18 | 17.0 | 18.9 | 20.4 | 15.8 | 18.0 | $(16.5,19.6)$ | 18.1 | $(16.3,20.0)$ | 0.1 | (-2.2,2.3) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 18.8 | 21.3 | 20.2 | 16.6 | 20.1 | (18.0,22.3) | 18.4 | $(16.1,20.9)$ | -1.7 | (-4.8,1.4) |
| Females | 15.2 | 16.4 | 20.6 | 14.9 | 15.8 | $(13.8,18.0)$ | 17.7 | $(15.3,20.5)$ | 1.9 | (-1.1,5.0) |
| White | 15.5 | 17.0 | 18.3 | 14.5 | 16.2 | $(14.5,18.1)$ | 16.4 | $(14.5,18.4)$ | 0.1 | (-2.0,2.3) |
| African American | 22.9 | 22.8 | 30.2 | 19.9 | 22.8 | (18.9,27.3) | 25.0 | (21.0,29.5) | 2.2 | (-4.5,8.8) |
| Hispanic | 19.4 | 22.3 | 21.0 | 17.1 | 20.9 | $(16.7,25.7)$ | 19.0 | (14.8,24.1) | -1.9 | (-8.0,4.3) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 23.9 | 27.0 | 24.8 | 21.1 | 25.4 | $(22.2,28.8)$ | 23.0 | $(20.2,26.0)$ | -2.4 | $(-6.5,1.7)$ |
| Lower risk | 11.6 | 12.3 | 16.4 | 12.4 | 11.9 | $(10.3,13.7)$ | 14.4 | $(12.6,16.3)$ | 2.4 | (-0.1,5.0) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 20.2 | 22.5 | 22.8 | 18.3 | 21.3 | $(19.0,23.9)$ | 20.6 | (18.2,23.2) | -0.7 | (-3.9,2.4) |
| Low | 13.3 | 13.6 | 17.0 | 12.3 | 13.5 | $(11.4,15.9)$ | 14.6 | $(12.3,17.1)$ | 1.1 | (-2.2,4.4) |

Table 3-61. Recall of stories in magazines about drugs among youth by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent recalling stories about drugs in magazines at least once a week in recent months |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | Wave 4$\qquad$ \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 10.3 | 10.1 | 9.7 | 6.9 | 10.2 | (8.8,11.8) | 8.3 | (6.7,10.2) | -1.9 | $(-4.2,0.4)$ |
| 14 to 15 | 12.0 | 14.0 | 10.2 | 9.6 | 13.0 | $(10.6,15.9)$ | 9.9 | (8.0,12.2) | -3.1 | $(-6.6,0.3)$ |
| 16 to 18 | 11.0 | 14.2 | 12.7 | 9.5 | 12.6 | $(10.3,15.3)$ | 11.0 | $(8.9,13.6)$ | -1.6 | $(-4.9,1.8)$ |
| 14 to 18 | 11.4 | 14.1 | 11.5 | 9.5 | 12.8 | $(10.9,14.9)$ | 10.5 | (9.0,12.2) | -2.3 | $(-4.8,0.3)$ |
| 12 to 18 | 11.1 | 12.9 | 11.0 | 8.7 | 12.0 | $(10.6,13.6)$ | 9.9 | (8.6,11.2) | -2.2 | *(-4.1,-0.2) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 8.3 | 11.6 | 9.5 | 7.7 | 10.0 | (8.2,12.0) | 8.6 | (7.1,10.4) | -1.3 | (-3.9,1.3) |
| Females | 14.0 | 14.3 | 12.5 | 9.8 | 14.2 | $(12.2,16.4)$ | 11.2 | $(9.5,13.1)$ | -3.0 | *(-5.7,-0.3) |
| White | 10.9 | 11.9 | 10.1 | 8.2 | 11.4 | $(9.6,13.6)$ | 9.2 | $(7.8,10.8)$ | -2.3 | (-4.7,0.2) |
| African American | 14.3 | 14.8 | 16.7 | 10.0 | 14.6 | $(11.2,18.7)$ | 13.3 | $(10.1,17.4)$ | -1.2 | (-6.7,4.2) |
| Hispanic | 7.1 | 15.4 | 10.2 | 8.9 | 11.3 | $(8.4,15.1)$ | 9.6 | $(6.9,13.3)$ | -1.7 | (-6.4,2.9) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 13.8 | 14.8 | 12.7 | 10.9 | 14.3 | $(11.7,17.2)$ | 11.8 | $(9.8,14.1)$ | -2.5 | (-6.1,1.2) |
| Lower risk | 9.6 | 11.0 | 9.9 | 7.5 | 10.3 | (8.9,12.0) | 8.7 | $(7.3,10.3)$ | -1.6 | $(-3.7,0.4)$ |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 11.5 | 13.8 | 10.7 | 10.4 | 12.6 | $(10.7,14.7)$ | 10.6 | $(8.8,12.7)$ | -2.0 | $(-4.8,0.8)$ |
| Low | 11.1 | 11.4 | 11.6 | 6.6 | 11.3 | (9.4,13.5) | 9.1 | $(7.5,10.9)$ | -2.2 | $(-5.1,0.7)$ |

Table 3-62. Weekly recall of drug themes in at least one media outlet among youth by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent recalling stories at least once a week in recent months in at least one venue |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | Wave 3 \% | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 45.4 | 47.1 | 44.8 | 35.8 | 46.2 | (43.3,49.2) | 40.3 | (37.4,43.4) | -5.9 | *(-10.2,-1.6) |
| 14 to 15 | 53.2 | 55.4 | 52.0 | 45.1 | 54.3 | (50.6,58.1) | 48.7 | (45.3,52.1) | -5.7 | *(-10.5,-0.9) |
| 16 to 18 | 54.5 | 54.4 | 60.6 | 50.0 | 54.5 | (50.9,58.0) | 55.1 | $(51.2,58.9)$ | 0.6 | (-4.4,5.7) |
| 14 to 18 | 53.9 | 54.9 | 56.6 | 47.9 | 54.4 | (51.9,56.9) | 52.2 | (49.3,55.1) | -2.2 | $(-5.6,1.2)$ |
| 12 to 18 | 51.5 | 52.6 | 53.1 | 44.4 | 52.0 | (49.9,54.2) | 48.8 | (46.4,51.1) | -3.3 | *(-6.4,-0.2) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 49.8 | 49.9 | 49.1 | 43.0 | 49.8 | (46.9,52.8) | 46.1 | $(42.8,49.4)$ | -3.8 | $(-8.4,0.9)$ |
| Females | 53.2 | 55.5 | 57.4 | 45.8 | 54.4 | (51.4,57.3) | 51.6 | (48.8,54.5) | -2.7 | (-6.6,1.2) |
| White | 49.8 | 51.6 | 50.0 | 43.9 | 50.7 | $(48.1,53.3)$ | 46.9 | $(44.0,49.8)$ | -3.8 | *(-7.3,-0.3) |
| African American | 58.6 | 57.3 | 65.0 | 47.6 | 58.0 | (52.3,63.4) | 56.2 | (50.8,61.5) | -1.7 | $(-9.3,5.9)$ |
| Hispanic | 53.3 | 53.2 | 52.9 | 44.2 | 53.3 | $(46.5,59.9)$ | 48.5 | (42.8,54.2) | -4.8 | (-14.8,5.3) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 57.0 | 60.6 | 56.4 | 51.5 | 58.7 | (54.8,62.5) | 53.9 | (50.2,57.6) | -4.8 | (-10.0,0.4) |
| Lower risk | 47.9 | 47.7 | 48.5 | 41.0 | 47.8 | $(45.1,50.5)$ | 44.7 | $(42.1,47.3)$ | -3.1 | $(-6.9,0.7)$ |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 55.3 | 57.0 | 54.5 | 46.0 | 56.2 | (52.9,59.4) | 50.3 | $(47.3,53.4)$ | -5.8 | *(-9.9,-1.7) |
| Low | 47.2 | 47.5 | 51.5 | 43.1 | 47.4 | (43.9,50.8) | 47.2 | $(43.6,50.9)$ | -0.2 | (-5.1,4.8) |

Table 3-63. Parents ${ }^{1}{ }^{1}$ recall of TV or radio news programs with drug themes in recent months, by gender, race/ethnicity, education, and age of child(ren)

| Characteristics | dealing with drug use among young people at least weekly |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 <br> \% | Wave 2 \% | Wave 3 \% | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves <br> 3 and 4 (Year 2001) |  | Change from <br> Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Overall | 52.5 | 48.3 | 49.8 | 45.4 | 50.4 | (48.2,52.6) | 47.5 | (45.5,49.6) | -2.9 | *(-5.7,-0.1) |
| Males | 52.3 | 48.0 | 47.1 | 43.7 | 50.0 | $(46.1,53.9)$ | 45.5 | (41.6,49.4) | -4.5 | (-9.7,0.6) |
| Females | 52.6 | 48.5 | 51.6 | 46.4 | 50.7 | (47.8,53.5) | 48.9 | (45.9,51.8) | -1.8 | (-6.0,2.4) |
| White | 51.6 | 46.7 | 47.2 | 43.6 | 49.2 | $(46.7,51.7)$ | 45.4 | (42.9,47.8) | -3.8 | *(-7.1,-0.6) |
| African American | 52.9 | 60.0 | 52.7 | 48.7 | 56.6 | (49.9,63.1) | 50.7 | (45.7,55.7) | -5.9 | (-14.4,2.6) |
| Hispanic | 57.6 | 50.7 | 62.2 | 53.5 | 54.1 | (48.2,59.8) | 57.6 | (51.0,64.0) | 3.5 | (-5.5,12.6) |
| Less than high school | 52.8 | 60.5 | 56.7 | 50.2 | 56.6 | $(51.0,61.9)$ | 53.3 | (47.0,59.5) | -3.3 | (-10.5,3.9) |
| High school graduate | 51.5 | 45.1 | 46.0 | 48.2 | 48.4 | (43.9,53.0) | 47.1 | (43.3,51.0) | -1.3 | (-7.5,4.8) |
| Some college | 55.0 | 44.1 | 49.3 | 46.3 | 49.2 | (44.9,53.5) | 47.7 | (43.6,51.8) | -1.5 | (-7.0,4.1) |
| College graduate | 49.7 | 50.7 | 51.2 | 38.8 | 50.2 | $(45.7,54.7)$ | 45.1 | (40.7,49.6) | -5.0 | (-10.5,0.5) |
| One or more child(ren) ${ }^{2}$ aged: |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 50.1 | 46.2 | 51.5 | 43.7 | 48.1 | (45.2,51.0) | 47.7 | $(44.8,50.5)$ | -0.4 | (-4.6,3.7) |
| 14 to 18 | 52.8 | 49.9 | 49.0 | 46.0 | 51.4 | (49.0,53.8) | 47.4 | $(45.0,49.9)$ | -4.0 | *(-7.2,-0.8) |
| 12 to 18 | 52.5 | 48.3 | 49.8 | 45.4 | 50.4 | (48.2,52.6) | 47.5 | (45.5,49.6) | -2.9 | *(-5.7,-0.1) |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ Responses from parents with children in multiple rows are included in each relevant percentage.

Table 3-64. Parents ${ }^{1}$ recall of TV movies, sitcoms, or dramas with drug themes in recent months, by gender, race/ethnicity, education, and age of child(ren)

| Characteristics | dealing with drug use among young people at least weekly |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 | Wave 2 | Wave 3 | Wave 4 | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  | \% | \% | \% | \% | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Overall | 30.9 | 26.2 | 33.7 | 31.4 | 28.6 | $(26.5,30.8)$ | 32.5 | (30.4,34.7) | 3.9 | * (1.2,6.6) |
| Males | 30.8 | 26.5 | 33.3 | 30.8 | 28.5 | (24.9,32.3) | 32.1 | (28.4,36.0) | 3.6 | (-1.4,8.6) |
| Females | 31.0 | 26.0 | 34.0 | 31.8 | 28.7 | (26.3,31.2) | 32.8 | (29.8,35.9) | 4.1 | *(0.5,7.7) |
| White | 28.7 | 26.2 | 31.2 | 30.3 | 27.5 | (25.2,30.0) | 30.7 | (28.2,33.4) | 3.2 | *(0.2,6.3) |
| African American | 37.8 | 30.7 | 40.2 | 31.3 | 34.2 | (27.5,41.6) | 35.7 | $(28.1,44.1)$ | 1.5 | (-8.4,11.4) |
| Hispanic | 38.9 | 25.1 | 42.2 | 38.4 | 32.0 | (26.3,38.4) | 40.2 | (33.8,47.1) | 8.2 | (-0.8,17.2) |
| Less than high school | 31.1 | 31.9 | 36.8 | 32.0 | 31.5 | (25.4,38.2) | 34.3 | $(28.3,40.9)$ | 2.9 | (-6.8,12.5) |
| High school graduate | 33.8 | 25.6 | 32.5 | 34.9 | 29.9 | (26.7,33.2) | 33.7 | (30.2,37.4) | 3.8 | (-0.7,8.4) |
| Some college | 33.2 | 23.2 | 37.8 | 31.8 | 27.9 | (24.3,31.9) | 34.6 | $(30.3,39.0)$ | 6.6 | *(1.7,11.5) |
| College graduate | 25.4 | 27.2 | 29.6 | 26.3 | 26.3 | (22.7,30.2) | 28.0 | (23.8,32.5) | 1.7 | (-3.7,7.1) |
| One or more child(ren) ${ }^{2}$ aged: |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 30.9 | 25.1 | 36.7 | 29.5 | 28.0 | (25.9,30.1) | 33.1 | $(29.7,36.8)$ | 5.2 | * (1.0,9.3) |
| 14 to 18 | 30.5 | 26.7 | 31.8 | 31.8 | 28.7 | (26.1,31.4) | 31.8 | (29.4,34.3) | 3.1 | (-0.1,6.3) |
| 12 to 18 | 30.9 | 26.2 | 33.7 | 31.4 | 28.6 | $(26.5,30.8)$ | 32.5 | $(30.4,34.7)$ | 3.9 | *(1.2,6.6) |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ Responses from parents with children in multiple rows are included in each relevant percentage.

Table 3-65. Parents ${ }^{1}$ recall of TV talk shows or TV news magazine programs with drug themes in recent months, by gender, race/ethnicity, education, and age of child(ren)

| Characteristics | Percent reporting having noticed stories on TV talk shows or TV news magazine programs dealing with drug use among young people at least weekly |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 | Wave 2 | Wave 3 | Wave 4 | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  | \% | \% | \% | \% | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Overall | 24.6 | 20.8 | 23.0 | 19.9 | 22.7 | (20.9,24.6) | 21.4 | (19.3,23.6) | -1.3 | (-3.8,1.1) |
| Males | 20.7 | 19.6 | 24.9 | 18.9 | 20.1 | (17.3,23.3) | 22.0 | (18.7,25.7) | 1.9 | (-2.4,6.2) |
| Females | 26.9 | 21.8 | 21.6 | 20.5 | 24.5 | (22.1,27.2) | 21.0 | (18.4,23.8) | -3.5 | *(-7.0,0.0) |
| White | 21.4 | 17.5 | 19.5 | 17.2 | 19.5 | (17.7,21.5) | 18.3 | $(16.2,20.7)$ | -1.2 | (-3.6,1.3) |
| African American | 32.2 | 33.6 | 38.1 | 27.9 | 32.9 | (27.5,38.9) | 33.0 | $(26.9,39.7)$ | 0.1 | $(-8.2,8.4)$ |
| Hispanic | 35.7 | 25.2 | 29.4 | 25.0 | 30.3 | (24.7,36.6) | 27.1 | (21.0,34.3) | -3.2 | (-13.0,6.6) |
| Less than high school | 30.7 | 27.1 | 31.9 | 26.4 | 28.9 | $(24.4,33.9)$ | 29.0 | $(23.1,35.6)$ | 0.1 | (-7.1,7.3) |
| High school graduate | 26.8 | 23.8 | 24.0 | 22.3 | 25.3 | (21.9,29.2) | 23.2 | (20.0,26.6) | -2.2 | (-7.0,2.6) |
| Some college | 25.0 | 18.8 | 26.3 | 18.7 | 21.7 | $(18.5,25.3)$ | 22.2 | (18.3,26.5) | 0.4 | $(-4.8,5.7)$ |
| College graduate | 17.9 | 16.1 | 14.9 | 15.0 | 17.0 | (14.2,20.2) | 14.9 | (12.0,18.5) | -2.1 | (-6.2,2.1) |
| One or more child(ren) ${ }^{2}$ aged: |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 22.9 | 20.0 | 24.7 | 19.1 | 21.4 | (19.0,24.1) | 21.9 | (18.9,25.3) | 0.5 | (-3.8,4.8) |
| 14 to 18 | 25.4 | 21.4 | 22.2 | 20.4 | 23.4 | $(21.3,25.7)$ | 21.3 | $(18.9,23.8)$ | -2.1 | $(-5.1,0.8)$ |
| 12 to 18 | 24.6 | 20.8 | 23.0 | 19.9 | 22.7 | (20.9,24.6) | 21.4 | $(19.3,23.6)$ | -1.3 | (-3.8,1.1) |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ Responses from parents with children in multiple rows are included in each relevant percentage.

Table 3-66. Parents ${ }^{1}$ recall of non-news radio programs with drug themes in recent months, by gender, race/ethnicity, education, and age of child(ren)

| Characteristics | dealing with drug use among young people at least weekly |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | Wave 4 | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Overall | 14.3 | 12.0 | 14.5 | 14.7 | 13.2 | $(11.6,14.8)$ | 14.6 | $(13.0,16.4)$ | 1.5 | (-0.7,3.6) |
| Males | 17.6 | 9.8 | 12.8 | 16.5 | 13.4 | $(11.2,16.0)$ | 14.6 | $(12.3,17.2)$ | 1.2 | (-2.2,4.5) |
| Females | 12.3 | 13.8 | 15.7 | 13.7 | 13.0 | $(11.3,14.9)$ | 14.6 | $(12.6,16.9)$ | 1.7 | (-0.8,4.1) |
| White | 11.6 | 9.0 | 11.6 | 10.8 | 10.4 | (8.8,12.2) | 11.2 | (9.7,12.8) | 0.8 | (-1.1,2.8) |
| African American | 23.5 | 23.3 | 23.6 | 21.0 | 23.4 | $(17.5,30.5)$ | 22.3 | $(16.3,29.8)$ | -1.1 | $(-10.6,8.5)$ |
| Hispanic | 22.8 | 18.8 | 22.0 | 27.4 | 20.8 | (15.6,27.2) | 24.8 | (20.0,30.4) | 4.0 | (-3.6,11.6) |
| Less than high school | 19.7 | 16.9 | 21.6 | 20.8 | 18.3 | $(14.5,22.9)$ | 21.2 | $(16.1,27.4)$ | 2.9 | (-4.4,10.2) |
| High school graduate | 15.4 | 11.9 | 14.0 | 18.8 | 13.7 | $(11.3,16.5)$ | 16.4 | $(13.4,19.9)$ | 2.7 | $(-1.5,6.9)$ |
| Some college | 14.7 | 11.0 | 18.4 | 11.6 | 12.7 | (10.4,15.5) | 14.7 | $(11.4,18.8)$ | 2.0 | (-2.4,6.4) |
| College graduate | 9.4 | 10.6 | 8.5 | 10.1 | 10.0 | $(7.8,12.6)$ | 9.3 | (7.4,11.7) | -0.7 | (-3.9,2.5) |
| One or more child(ren) ${ }^{2}$ aged: |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 12.3 | 12.6 | 15.2 | 15.2 | 12.4 | $(10.7,14.4)$ | 15.2 | $(12.8,18.0)$ | 2.8 | (0.0,5.6) |
| 14 to 18 | 14.4 | 11.9 | 14.4 | 14.2 | 13.1 | (11.4,15.1) | 14.3 | $(12.5,16.3)$ | 1.2 | (-1.4,3.8) |
| 12 to 18 | 14.3 | 12.0 | 14.5 | 14.7 | 13.2 | $(11.6,14.8)$ | 14.6 | (13.0,16.4) | 1.5 | (-0.7,3.6) |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ Responses from parents with children in multiple rows are included in each relevant percentage.

Table 3-67. Parents ${ }^{11}$ recall of movies seen in theaters or rental videos with drug themes in recent months, by gender, race/ethnicity, education, and age of child(ren)

| Characteristics | dealing with drug use among young people at least weekly |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 \% | Wave 2 \% | Wave 3 \% | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Overall | 10.1 | 8.6 | 10.4 | 8.8 | 9.4 | (8.2,10.7) | 9.5 | (8.2,11.1) | 0.2 | (-1.7,2.0) |
| Males | 10.8 | 8.0 | 9.3 | 7.2 | 9.3 | (7.3,11.8) | 8.3 | $(6.5,10.4)$ | -1.0 | (-4.1,2.0) |
| Females | 9.7 | 9.1 | 11.1 | 9.7 | 9.4 | (8.1,11.0) | 10.3 | $(8.5,12.5)$ | 0.9 | (-1.2,3.1) |
| White | 7.7 | 6.3 | 8.5 | 7.4 | 7.0 | $(5.8,8.5)$ | 7.9 | $(6.4,9.8)$ | 0.9 | (-1.2,3.0) |
| African American | 16.5 | 16.4 | 14.4 | 13.6 | 16.4 | (12.2,21.8) | 14.0 | $(10.2,18.9)$ | -2.4 | (-8.2,3.3) |
| Hispanic | 16.5 | 13.0 | 17.1 | 11.7 | 14.7 | (10.6,20.1) | 14.3 | $(10.0,19.9)$ | -0.5 | $(-7.2,6.3)$ |
| Less than high school | 15.8 | 11.0 | 14.7 | 12.9 | 13.5 | $(10.2,17.7)$ | 13.8 | $(10.9,17.3)$ | 0.3 | (-4.9,5.4) |
| High school graduate | 11.5 | 7.9 | 8.9 | 10.6 | 9.8 | (8.0,11.9) | 9.8 | (7.7,12.3) | 0.0 | (-3.1,3.1) |
| Some college | 8.4 | 9.9 | 16.4 | 8.0 | 9.2 | (7.0,12.0) | 11.8 | (8.9,15.6) | 2.7 | $(-1.3,6.6)$ |
| College graduate | 7.3 | 6.4 | 4.8 | 5.2 | 6.9 | $(5.1,9.3)$ | 5.0 | $(3.9,6.5)$ | -1.9 | (-4.2,0.4) |
| One or more child(ren) ${ }^{2}$ aged: |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 9.7 | 7.7 | 12.2 | 9.5 | 8.7 | (7.2,10.4) | 10.8 | $(9.2,12.8)$ | 2.2 | * $(0.1,4.2)$ |
| 14 to 18 | 10.7 | 9.0 | 9.4 | 8.6 | 9.9 | $(8.5,11.5)$ | 9.0 | $(7.5,10.9)$ | -0.9 | (-3.1,1.4) |
| 12 to 18 | 10.1 | 8.6 | 10.4 | 8.8 | 9.4 | (8.2,10.7) | 9.5 | (8.2,11.1) | 0.2 | (-1.7,2.0) |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ Responses from parents with children in multiple rows are included in each relevant percentage.

Table 3-68. Parents ${ }^{1{ }^{1}}$ recall of magazine articles with drug themes in recent months, by gender, race/ethnicity, education, and age of child(ren)

| Characteristics | Percent reporting having noticed stories in magazine articles dealing with drug use among young people at least weekly |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 | Wave 2 | Wave 3 | Wave 4 | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from <br> Year 2000 to Year 2001 |  |
|  | \% | \% | \% | \% | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Overall | 8.1 | 8.3 | 8.1 | 7.2 | 8.2 | $(6.8,9.9)$ | 7.6 | $(6.5,8.9)$ | -0.6 | (-2.4,1.2) |
| Males | 8.4 | 7.5 | 6.6 | 5.4 | 7.9 | (6.0,10.4) | 6.0 | (4.6,7.9) | -1.9 | (-4.6,0.8) |
| Females | 7.9 | 9.0 | 9.2 | 8.2 | 8.4 | (6.7,10.4) | 8.6 | (7.1,10.5) | 0.3 | (-1.8,2.3) |
| White | 6.2 | 5.8 | 7.1 | 5.3 | 6.0 | $(4.6,7.7)$ | 6.2 | (5.1,7.5) | 0.2 | (-1.6,2.0) |
| African American | 17.2 | 10.1 | 15.3 | 13.3 | 13.5 | $(9.6,18.8)$ | 14.3 | (10.4,19.3) | 0.8 | (-5.0,6.5) |
| Hispanic | 10.3 | 16.4 | 8.2 | 10.6 | 13.4 | $(8.8,19.9)$ | 9.4 | $(6.8,13.0)$ | -3.9 | (-10.5,2.6) |
| Less than high school | 10.4 | 8.0 | 14.6 | 8.8 | 9.2 | (6.4,13.1) | 11.5 | $(7.3,17.7)$ | 2.3 | (-3.5,8.2) |
| High school graduate | 8.5 | 6.5 | 7.9 | 8.2 | 7.6 | $(5.4,10.4)$ | 8.1 | $(6.3,10.3)$ | 0.5 | (-2.6,3.6) |
| Some college | 6.7 | 8.2 | 7.7 | 8.6 | 7.5 | $(5.6,10.0)$ | 8.2 | (6.0,11.0) | 0.7 | (-2.3,3.8) |
| College graduate | 6.8 | 10.4 | 5.9 | 3.7 | 8.6 | (6.0,12.1) | 4.8 | (3.3,7.0) | -3.8 | *(-7.1,-0.4) |
| One or more child(ren) ${ }^{2}$ aged: |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 7.0 | 7.1 | 9.2 | 7.6 | 7.1 | $(5.8,8.6)$ | 8.4 | (6.9,10.2) | 1.4 | (-0.8,3.6) |
| 14 to 18 | 8.3 | 8.6 | 7.8 | 7.3 | 8.4 | $(6.8,10.5)$ | 7.5 | $(6.1,9.2)$ | -0.9 | (-3.1,1.3) |
| 12 to 18 | 8.1 | 8.3 | 8.1 | 7.2 | 8.2 | $(6.8,9.9)$ | 7.6 | $(6.5,8.9)$ | -0.6 | (-2.4,1.2) |

[^18]Table 3-69. Parents ${ }^{1}$ recall of newspaper articles with drug themes in recent months, by gender, race/ethnicity, education, and age of child(ren)

| Characteristics | Percent reporting having noticed stories in newspaper articles dealing with drug use among young people at least weekly |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 | Wave 2 | Wave 3 | Wave 4 | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  | \% | \% | \% | \% | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Overall | 34.8 | 30.7 | 33.8 | 28.9 | 32.8 | (30.4,35.2) | 31.3 | (29.0,33.7) | -1.5 | (-4.7,1.7) |
| Males | 36.9 | 30.2 | 34.6 | 26.2 | 33.3 | (29.7,37.0) | 30.5 | (27.0,34.3) | -2.8 | (-7.4,1.8) |
| Females | 33.5 | 31.1 | 33.2 | 30.5 | 32.4 | (29.7,35.2) | 31.8 | (28.8,34.9) | -0.6 | (-4.6,3.3) |
| White | 34.7 | 30.3 | 33.0 | 30.2 | 32.5 | (30.0,35.1) | 31.6 | (28.8,34.5) | -0.9 | (-4.5,2.7) |
| African American | 38.2 | 39.8 | 35.5 | 33.2 | 39.0 | (30.7,48.0) | 34.3 | (27.9,41.4) | -4.7 | $(-16.0,6.5)$ |
| Hispanic | 32.8 | 26.6 | 38.6 | 20.4 | 29.7 | (24.3,35.7) | 29.0 | (22.6,36.3) | -0.7 | (-9.4,8.0) |
| Less than high school | 25.9 | 24.8 | 33.8 | 26.8 | 25.4 | (20.9,30.5) | 30.1 | $(24.1,36.8)$ | 4.7 | $(-3.6,13.1)$ |
| High school graduate | 35.0 | 23.2 | 33.1 | 29.6 | 29.3 | (26.2,32.6) | 31.4 | (27.0,36.0) | 2.1 | (-3.1,7.3) |
| Some college | 37.6 | 34.0 | 37.1 | 29.2 | 35.7 | (31.6,40.0) | 32.8 | (29.2,36.7) | -2.9 | (-8.1,2.3) |
| College graduate | 36.5 | 39.3 | 31.5 | 28.8 | 37.9 | (33.7,42.2) | 30.2 | (26.3,34.4) | -7.7 | *(-13.4,-1.9) |
| One or more child(ren) ${ }^{2}$ aged: |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 32.7 | 31.1 | 34.2 | 26.1 | 31.9 | (29.6,34.3) | 30.2 | (27.3,33.3) | -1.7 | (-5.7,2.3) |
| 14 to 18 | 35.1 | 31.1 | 33.8 | 30.0 | 33.1 | (30.4,36.0) | 31.8 | (29.0,34.8) | -1.3 | (-5.2,2.6) |
| 12 to 18 | 34.8 | 30.7 | 33.8 | 28.9 | 32.8 | (30.4,35.2) | 31.3 | (29.0,33.7) | -1.5 | (-4.7,1.7) |

[^19]Table 3-70. Weekly recall of drug themes in at least one media outlet among parents', ${ }^{1}$ by gender, race/ethnicity, education, and age of child(ren)

| Characteristics | Percent saying they heard a weekly story in at least one medium in the past 12 months |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 \% | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | Wave 4 | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Overall | 65.6 | 62.4 | 64.8 | 61.5 | 64.0 | $(62.1,65.9)$ | 63.1 | (61.1,65.1) | -0.9 | (-3.6,1.8) |
| Males | 65.2 | 64.1 | 63.3 | 62.4 | 64.6 | (61.0,68.1) | 62.9 | $(59.8,65.9)$ | -1.7 | (-6.5,3.1) |
| Females | 65.9 | 61.0 | 65.8 | 60.9 | 63.6 | $(61.2,66.0)$ | 63.2 | (60.1,66.3) | -0.4 | (-4.2,3.5) |
| White | 63.5 | 59.7 | 61.4 | 60.1 | 61.7 | (59.4,63.8) | 60.7 | (58.3,63.1) | -0.9 | (-4.1,2.2) |
| African American | 70.1 | 78.2 | 73.9 | 67.8 | 74.3 | (68.4,79.4) | 70.8 | (65.0,76.1) | -3.4 | (-11.6,4.8) |
| Hispanic | 71.7 | 62.8 | 75.7 | 64.3 | 67.2 | (61.0,72.8) | 69.7 | (61.9,76.5) | 2.5 | (-6.8,11.8) |
| Less than high school | 64.0 | 71.9 | 69.9 | 72.2 | 67.8 | (61.7,73.4) | 71.1 | (64.9,76.6) | 3.3 | (-4.3,10.9) |
| High school graduate | 65.8 | 57.5 | 63.3 | 63.6 | 61.8 | (58.4,65.1) | 63.5 | (59.4,67.4) | 1.7 | (-3.5,6.9) |
| Some college | 68.5 | 60.3 | 65.8 | 60.5 | 64.2 | $(60.2,67.9)$ | 62.9 | (59.4,66.3) | -1.2 | (-5.7,3.2) |
| College graduate | 62.8 | 65.9 | 63.4 | 54.7 | 64.3 | (60.0,68.4) | 59.1 | $(55.2,62.9)$ | -5.2 | (-10.5,0.1) |
| One or more child(ren) ${ }^{2}$ aged: |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 63.2 | 61.4 | 65.2 | 59.6 | 62.3 | $(59.6,64.9)$ | 62.5 | $(59.5,65.3)$ | 0.2 | (-4.1,4.4) |
| 14 to 18 | 66.2 | 63.3 | 64.3 | 62.4 | 64.8 | (62.4,67.0) | 63.3 | (61.0,65.6) | -1.4 | (-4.7,1.9) |
| 12 to 18 | 65.6 | 62.4 | 64.8 | 61.5 | 64.0 | (62.1,65.9) | 63.1 | (61.1,65.1) | -0.9 | (-3.6,1.8) |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ Responses from parents with children in multiple rows are included in each relevant percentage.

Table 3-71. Parents ${ }^{1}$ awareness of drug activities/controversies in their community in the past 12 months, by gender, race/ethnicity, education, and age of child(ren)

| Characteristics | community centers in their community in the past 12 months |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | Wave 3 <br> \% | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves <br> 3 and 4 (Year 2001) |  | Change from <br> Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Overall | 31.1 | 37.7 | 31.0 | 29.4 | 34.4 | (31.9,36.9) | 30.2 | (28.0,32.4) | -4.2 | *(-7.3,-1.2) |
| Males | 27.6 | 34.1 | 27.7 | 25.2 | 31.1 | (27.3,35.1) | 26.5 | (23.2,30.1) | -4.6 | *(-9.1,-0.1) |
| Females | 33.3 | 40.6 | 33.3 | 31.9 | 36.7 | (33.9,39.5) | 32.5 | (29.8,35.3) | -4.1 | *(-7.8,-0.5) |
| White | 31.6 | 38.6 | 31.1 | 29.0 | 35.0 | (31.9,38.2) | 30.0 | $(27.5,32.7)$ | -5.0 | *(-8.6,-1.4) |
| African American | 29.2 | 36.8 | 29.7 | 31.8 | 33.1 | (26.0,41.1) | 30.8 | (25.4,36.8) | -2.3 | (-11.4,6.7) |
| Hispanic | 33.3 | 32.7 | 32.1 | 30.3 | 33.0 | (27.7,38.8) | 31.2 | $(25.5,37.5)$ | -1.8 | (-10.9,7.2) |
| Less than high school | 29.0 | 27.4 | 32.1 | 22.5 | 28.2 | (22.9,34.2) | 27.0 | (21.0,34.1) | -1.2 | (-10.4,8.0) |
| High school graduate | 24.7 | 30.3 | 23.0 | 27.6 | 27.4 | (23.8,31.3) | 25.3 | (21.9,29.1) | -2.1 | (-6.8,2.7) |
| Some college | 31.5 | 40.7 | 33.0 | 27.1 | 36.4 | $(32.4,40.6)$ | 29.8 | (25.9,34.0) | -6.6 | *(-12.3,-0.8) |
| College graduate | 38.7 | 48.9 | 38.1 | 37.3 | 43.7 | (39.3,48.2) | 37.7 | (32.7,43.0) | -6.0 | *(-11.8,-0.2) |
| One or more child(ren) ${ }^{2}$ aged: |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 35.9 | 41.6 | 35.6 | 30.7 | 38.8 | $(35.9,41.7)$ | 33.2 | (30.4,36.1) | -5.6 | *(-9.3,-1.9) |
| 14 to 18 | 29.4 | 36.0 | 29.8 | 29.2 | 32.7 | $(29.7,35.7)$ | 29.5 | (26.9,32.3) | -3.1 | (-6.9,0.6) |
| 12 to 18 | 31.1 | 37.7 | 31.0 | 29.4 | 34.4 | $(31.9,36.9)$ | 30.2 | (28.0,32.4) | -4.2 | *(-7.3,-1.2) |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ Responses from parents with children in multiple rows are included in each relevant percentage.

Table 3-72. Parents ${ }^{1}$ awareness of drug activities/controversies in their community in the past 12 months, by gender, race/ethnicity, education, and age of child(ren)

| Characteristics | Percent saying they heard a lot about speeches about drugs by public officials in their community in the past 12 months |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | Wave 3 <br> \% | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from <br> Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Overall | 14.8 | 15.5 | 13.2 | 13.7 | 15.2 | (13.2,17.4) | 13.4 | (11.9,15.2) | -1.7 | (-4.5,1.1) |
| Males | 16.3 | 16.4 | 14.0 | 14.8 | 16.4 | $(13.0,20.3)$ | 14.4 | (12.0,17.1) | -2.0 | (-6.4,2.4) |
| Females | 13.9 | 14.8 | 12.6 | 13.0 | 14.3 | $(12.5,16.4)$ | 12.8 | (10.7,15.3) | -1.5 | $(-4.6,1.7)$ |
| White | 11.9 | 14.3 | 10.3 | 9.1 | 13.1 | (11.2,15.2) | 9.7 | (8.0,11.6) | -3.4 | *(-5.9,-0.9) |
| African American | 19.3 | 20.8 | 19.1 | 25.0 | 20.1 | $(15.1,26.1)$ | 22.0 | (17.2,27.8) | 2.0 | (-5.3,9.3) |
| Hispanic | 24.5 | 18.2 | 22.3 | 22.9 | 21.3 | (15.7,28.2) | 22.6 | (17.7,28.4) | 1.3 | $(-8.0,10.5)$ |
| Less than high school | 22.7 | 13.2 | 23.2 | 15.7 | 18.1 | (13.7,23.5) | 19.3 | (14.4,25.3) | 1.2 | $(-7.3,9.7)$ |
| High school graduate | 10.8 | 12.2 | 6.5 | 15.3 | 11.4 | (9.0,14.5) | 10.8 | $(8.5,13.8)$ | -0.6 | (-4.3,3.1) |
| Some college | 13.0 | 16.8 | 12.4 | 11.0 | 15.0 | $(12.0,18.7)$ | 11.6 | $(9.0,15.0)$ | -3.4 | $(-7.7,0.9)$ |
| College graduate | 16.0 | 19.0 | 17.5 | 13.5 | 17.5 | $(14.1,21.5)$ | 15.5 | (12.4,19.4) | -1.9 | (-6.8,3.0) |
| One or more child(ren) ${ }^{2}$ aged: |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 13.6 | 15.3 | 13.8 | 15.2 | 14.5 | $(12.3,17.1)$ | 14.5 | (12.3,17.0) | 0.0 | (-3.1,3.1) |
| 14 to 18 | 15.0 | 16.3 | 13.1 | 13.7 | 15.6 | $(13.3,18.3)$ | 13.4 | (11.6,15.5) | -2.2 | $(-5.6,1.2)$ |
| 12 to 18 | 14.8 | 15.5 | 13.2 | 13.7 | 15.2 | $(13.2,17.4)$ | 13.4 | (11.9,15.2) | -1.7 | $(-4.5,1.1)$ |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ Responses from parents with children in multiple rows are included in each relevant percentage.

Table 3-73. Parents ${ }^{1}$ awareness of drug activities/controversies in their community in the past 12 months, by gender, race/ethnicity, education, and age of child(ren)

| Characteristics | local governments in their community in the past 12 months |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves <br> 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | $\begin{gathered} \text { Change from } \\ \text { Year } 2000 \text { to Year } 2001 \end{gathered}$ |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Overall | 15.7 | 19.9 | 16.2 | 16.6 | 17.8 | $(16.1,19.6)$ | 16.4 | (14.8,18.2) | -1.4 | $(-3.5,0.8)$ |
| Males | 20.7 | 18.4 | 19.4 | 19.9 | 19.5 | $(16.6,22.7)$ | 19.6 | (16.7,22.9) | 0.1 | (-3.7,4.0) |
| Females | 12.6 | 21.2 | 13.9 | 14.7 | 16.6 | $(14.8,18.6)$ | 14.3 | (12.4,16.6) | -2.3 | $(-4.8,0.3)$ |
| White | 12.9 | 16.5 | 14.7 | 13.5 | 14.7 | $(12.7,16.9)$ | 14.1 | (12.2,16.3) | -0.6 | (-3.2,2.0) |
| African American | 26.7 | 32.9 | 19.8 | 24.4 | 29.9 | $(24.5,35.9)$ | 22.1 | $(16.6,28.9)$ | -7.8 | (-15.7,0.1) |
| Hispanic | 20.9 | 25.8 | 20.5 | 23.9 | 23.3 | $(18.1,29.5)$ | 22.3 | (18.0,27.2) | -1.1 | (-9.2,7.0) |
| Less than high school | 22.2 | 18.9 | 16.2 | 20.6 | 20.6 | (16.3,25.6) | 18.5 | (13.9,24.3) | -2.1 | (-9.3,5.2) |
| High school graduate | 11.6 | 16.8 | 11.1 | 18.2 | 14.1 | $(11.9,16.6)$ | 14.6 | $(12.1,17.6)$ | 0.5 | (-3.4,4.5) |
| Some college | 14.3 | 22.1 | 17.7 | 14.0 | 18.4 | $(15.2,22.1)$ | 15.7 | (13.0,18.8) | -2.7 | (-6.8,1.3) |
| College graduate | 17.2 | 21.6 | 20.7 | 15.5 | 19.4 | (16.0,23.3) | 18.1 | (14.4,22.5) | -1.3 | (-6.3,3.8) |
| One or more child(ren) ${ }^{2}$ aged: |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 15.2 | 16.0 | 15.2 | 16.7 | 15.6 | $(13.6,17.9)$ | 16.0 | (13.4,18.8) | 0.4 | (-2.6,3.3) |
| 14 to 18 | 15.1 | 21.5 | 16.2 | 16.8 | 18.2 | $(16.2,20.4)$ | 16.5 | (14.6,18.6) | -1.7 | $(-4.3,1.0)$ |
| 12 to 18 | 15.7 | 19.9 | 16.2 | 16.6 | 17.8 | $(16.1,19.6)$ | 16.4 | (14.8,18.2) | -1.4 | $(-3.5,0.8)$ |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ Responses from parents with children in multiple rows are included in each relevant percentage.

Table 3-74. Parents ${ }^{1}$ awareness of drug activities/controversies in their community in the past 12 months, by gender, race/ethnicity, education, and age of child(ren)

| Characteristics | Percent saying they heard a lot about police crackdowns on drug use or sales in their community in the past 12 months |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 | Wave 2 | Wave 3 | Wave 4 | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from <br> Year 2000 to Year 2001 |  |
|  | \% | \% | \% | \% | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Overall | 45.6 | 45.7 | 41.7 | 45.8 | 45.6 | (42.3,49.0) | 43.8 | $(41.2,46.4)$ | -1.8 | $(-5.0,1.3)$ |
| Males | 48.6 | 46.6 | 42.6 | 47.2 | 47.5 | (42.8,52.2) | 44.8 | $(40.7,48.9)$ | -2.7 | (-7.6,2.2) |
| Females | 43.8 | 44.9 | 41.2 | 45.0 | 44.3 | (40.7,47.9) | 43.2 | $(40.1,46.3)$ | -1.1 | (-5.2,3.0) |
| White | 46.6 | 41.8 | 41.8 | 45.8 | 44.3 | (40.2,48.4) | 43.8 | $(40.5,47.2)$ | -0.5 | (-4.1,3.2) |
| African American | 52.1 | 65.7 | 46.3 | 53.1 | 59.1 | (51.7,66.1) | 49.7 | (43.1,56.3) | -9.4 | (-19.3,0.6) |
| Hispanic | 39.1 | 48.9 | 41.6 | 42.0 | 44.1 | (38.3,50.2) | 41.8 | (35.7,48.2) | -2.3 | (-11.0,6.3) |
| Less than high school | 46.9 | 48.2 | 42.0 | 41.8 | 47.5 | $(41.3,53.9)$ | 41.9 | $(33.8,50.4)$ | -5.7 | (-17.3,5.9) |
| High school graduate | 44.0 | 44.2 | 35.5 | 40.1 | 44.1 | $(39.3,48.9)$ | 37.8 | (34.0,41.7) | -6.3 | *(-11.5,-1.0) |
| Some college | 44.8 | 47.8 | 45.1 | 51.1 | 46.4 | (42.0,50.8) | 48.4 | (43.8,53.0) | 2.0 | (-3.6,7.6) |
| College graduate | 46.9 | 43.8 | 46.2 | 49.2 | 45.4 | (39.9,51.0) | 47.6 | $(42.8,52.5)$ | 2.3 | $(-4.2,8.7)$ |
| One or more child(ren) ${ }^{2}$ aged: |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 43.4 | 41.9 | 42.8 | 43.4 | 42.6 | (39.2,46.2) | 43.1 | (39.6,46.6) | 0.4 | (-4.4,5.3) |
| 14 to 18 | 46.2 | 47.2 | 42.2 | 46.7 | 46.7 | (42.9,50.5) | 44.5 | $(41.5,47.6)$ | -2.1 | (-5.6,1.3) |
| 12 to 18 | 45.6 | 45.7 | 41.7 | 45.8 | 45.6 | (42.3,49.0) | 43.8 | $(41.2,46.4)$ | -1.8 | (-5.0,1.3) |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ Responses from parents with children in multiple rows are included in each relevant percentage.

Table 3-75. Parents ${ }^{1}$ awareness of drug activities/controversies in their community in the past 12 months, by gender, race/ethnicity, education, and age of child(ren)

| Characteristics | Wave 1 \% | $\begin{gathered} \text { Wave } 2 \\ \% \end{gathered}$ | Wave 3 \% | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Overall | 5.8 | 10.0 | 8.9 | 7.1 | 7.8 | $(6.6,9.3)$ | 8.0 | (6.7,9.4) | 0.1 | (-1.8,2.0) |
| Males | 7.2 | 8.1 | 10.7 | 7.4 | 7.7 | $(5.9,9.9)$ | 9.1 | (7.0,11.8) | 1.4 | (-1.5,4.4) |
| Females | 4.9 | 11.5 | 7.6 | 6.9 | 8.0 | $(6.5,9.7)$ | 7.2 | $(5.9,8.8)$ | -0.7 | (-2.9,1.4) |
| White | 3.8 | 6.6 | 7.0 | 5.9 | 5.2 | $(4.1,6.5)$ | 6.5 | $(5.0,8.2)$ | 1.3 | (-0.6,3.2) |
| African American | 10.1 | 16.7 | 13.7 | 12.1 | 13.5 | (9.0,19.8) | 12.9 | $(9.5,17.2)$ | -0.6 | $(-6.8,5.6)$ |
| Hispanic | 10.6 | 14.9 | 13.9 | 8.8 | 12.8 | $(8.8,18.1)$ | 11.2 | (8.1,15.3) | -1.6 | $(-7.1,4.0)$ |
| Less than high school | 12.9 | 16.5 | 8.1 | 9.6 | 14.6 | $(11.2,18.7)$ | 8.9 | $(5.5,14.1)$ | -5.7 | $(-11.8,0.4)$ |
| High school graduate | 4.1 | 7.9 | 7.0 | 9.3 | 5.9 | $(4.3,8.1)$ | 8.2 | $(6.1,10.9)$ | 2.2 | (-1.1,5.6) |
| Some college | 4.2 | 10.5 | 10.2 | 4.1 | 7.5 | (5.1,11.0) | 6.9 | $(4.9,9.5)$ | -0.6 | (-4.3,3.1) |
| College graduate | 5.9 | 8.1 | 10.3 | 6.3 | 7.0 | $(4.9,9.9)$ | 8.4 | (6.3,11.0) | 1.4 | $(-1.8,4.6)$ |
| One or more child(ren) ${ }^{2}$ aged: |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 6.2 | 6.8 | 8.2 | 6.9 | 6.5 | $(5.3,7.9)$ | 7.6 | $(6.0,9.4)$ | 1.1 | (-1.0,3.1) |
| 14 to 18 | 5.4 | 11.3 | 9.4 | 7.3 | 8.3 | (6.7,10.1) | 8.3 | $(6.8,10.1)$ | 0.1 | (-2.3,2.4) |
| 12 to 18 | 5.8 | 10.0 | 8.9 | 7.1 | 7.8 | $(6.6,9.3)$ | 8.0 | $(6.7,9.4)$ | 0.1 | (-1.8,2.0) |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ Responses from parents with children in multiple rows are included in each relevant percentage.

Table 3-76. Parental ${ }^{1}$ attendance at drug abuse prevention programs ${ }^{2}$, by age, gender, and race/ethnicity of child(ren)

| Characteristics | Percent attending a drug abuse prevention program |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 31.0 | 35.2 | 33.0 | 32.1 | 33.1 | (30.1,36.3) | 32.5 | (29.9,35.3) | -0.6 | (-4.7,3.6) |
| 14 to 15 | 29.3 | 35.0 | 27.3 | 31.7 | 32.2 | (28.2,36.4) | 29.4 | (25.8,33.2) | -2.8 | $(-7.5,1.9)$ |
| 16 to 18 | 27.1 | 26.4 | 29.3 | 27.1 | 26.7 | (23.7,30.0) | 28.1 | (24.4,32.2) | 1.4 | (-3.1,5.9) |
| 14 to 18 | 28.1 | 30.4 | 28.3 | 29.1 | 29.2 | (26.9,31.7) | 28.7 | $(25.8,31.8)$ | -0.5 | (-3.9,2.8) |
| 12 to 18 | 28.9 | 31.8 | 29.7 | 30.0 | 30.4 | (28.2,32.6) | 29.8 | (27.5,32.3) | -0.5 | (-3.4,2.3) |
| Youth aged 12 to $18{ }^{3}$ |  |  |  |  |  |  |  |  |  |  |
| Males | 29.4 | 31.8 | 27.7 | 29.7 | 30.6 | $(27.5,33.9)$ | 28.7 | (25.6,32.1) | -1.9 | $(-5.7,1.9)$ |
| Females | 28.5 | 31.9 | 31.8 | 30.3 | 30.1 | (27.0,33.5) | 31.1 | (28.1,34.2) | 0.9 | (-3.2,5.0) |
| White | 28.3 | 32.6 | 30.9 | 30.0 | 30.4 | (27.8,33.1) | 30.4 | (27.7,33.3) | 0.1 | (-3.2,3.3) |
| African American | 30.9 | 34.7 | 35.7 | 33.7 | 32.9 | $(27.9,38.3)$ | 34.7 | (29.5,40.3) | 1.9 | $(-5.6,9.3)$ |
| Hispanic | 29.7 | 30.1 | 19.5 | 23.6 | 29.9 | (25.2,35.1) | 21.6 | (16.8,27.3) | -8.3 | *(-16.1,-0.6) |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ These parent questions were repeated separately for each sample child.
${ }^{3}$ Wave 1,2 and 3 race/ethnicity estimates do not match those in previous reports due to an error in previous reports.

Table 3-77. Parental ${ }^{1}$ attendance at parent effectiveness programs ${ }^{2}$, by age, gender, and race/ethnicity of child(ren)

| Characteristics | Percent attending parent effectiveness programs |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | Wave 3$\%$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 29.0 | 29.9 | 29.5 | 30.3 | 29.5 | (26.5,32.6) | 29.9 | $(27.1,32.9)$ | 0.5 | (-2.6,3.5) |
| 14 to 15 | 28.5 | 30.4 | 30.7 | 29.6 | 29.5 | (25.3,34.1) | 30.2 | (26.4,34.1) | 0.7 | (-4.6,5.9) |
| 16 to 18 | 25.3 | 30.1 | 25.8 | 24.5 | 27.6 | (24.2,31.4) | 25.1 | (21.4,29.3) | -2.5 | (-7.1,2.1) |
| 14 to 18 | 26.7 | 30.2 | 28.2 | 26.7 | 28.5 | (25.6,31.6) | 27.5 | $(24.5,30.6)$ | -1.0 | (-4.4,2.4) |
| 12 to 18 | 27.4 | 30.2 | 28.6 | 27.8 | 28.8 | (26.3,31.4) | 28.2 | $(25.7,30.8)$ | -0.6 | (-3.3,2.1) |
| Youth aged 12 to $18{ }^{3}$ |  |  |  |  |  |  |  |  |  |  |
| Males | 27.8 | 31.3 | 29.3 | 29.1 | 29.6 | (26.3,33.0) | 29.2 | $(25.9,32.7)$ | -0.4 | (-4.2,3.4) |
| Females | 26.9 | 28.9 | 27.8 | 26.4 | 27.9 | (24.9,31.1) | 27.1 | $(24.5,29.9)$ | -0.8 | (-3.9,2.3) |
| White | 27.8 | 29.2 | 26.2 | 28.6 | 28.5 | (25.7,31.5) | 27.4 | $(24.3,30.7)$ | -1.1 | (-4.6,2.4) |
| African American | 28.2 | 36.1 | 43.2 | 34.4 | 32.2 | (26.8,38.2) | 38.7 | $(32.2,45.7)$ | 6.5 | (-0.9,13.9) |
| Hispanic | 24.0 | 28.5 | 24.3 | 15.9 | 26.2 | (20.9,32.3) | 20.0 | (14.3,27.3) | -6.2 | (-12.7,0.3) |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ These parent questions were repeated separately for each sample child.
${ }^{3}$ Wave 1,2 and 3 race/ethnicity estimates do not match those in previous reports due to an error in previous reports.

Table 4-1. Youth reporting ever having used marijuana, by age, gender, race/ethnicity, risk score, and sensation seeking

| $\underline{\text { Characteristics }}$ | Percent reporting marijuana use ever |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 5.1 | 4.7 | 3.4 | 4.8 | 4.9 | $(3.8,6.4)$ | 4.1 | $(3.1,5.5)$ | -0.8 | (-2.4,0.8) |
| 14 to 15 | 16.5 | 13.8 | 20.6 | 17.0 | 15.1 | $(12.1,18.6)$ | 18.9 | (16.2,21.9) | 3.8 | (-0.3,7.8) |
| 16 to 18 | 40.0 | 40.7 | 39.7 | 40.1 | 40.3 | $(36.2,44.6)$ | 39.9 | $(36.3,43.6)$ | -0.4 | (-5.4,4.6) |
| 14 to 18 | 29.5 | 28.2 | 30.7 | 30.1 | 28.8 | $(26.3,31.5)$ | 30.4 | (27.6,33.3) | 1.5 | (-1.7,4.8) |
| 12 to 18 | 22.4 | 21.3 | 22.7 | 22.6 | 21.9 | (20.0,23.8) | 22.6 | (20.6,24.8) | 0.8 | (-1.7,3.2) |
| Youth aged 12 to 13 |  |  |  |  |  |  |  |  |  |  |
| Males | 6.1 | 5.0 | 4.4 | 5.0 | 5.6 | $(4.1,7.4)$ | 4.7 | (3.1,7.1) | -0.9 | (-3.4,1.7) |
| Females | 4.1 | 4.4 | 2.4 | 4.7 | 4.2 | $(2.9,6.3)$ | 3.5 | $(2.5,5.0)$ | -0.7 | (-2.6,1.2) |
| White | 4.6 | 3.8 | 2.1 | 4.9 | 4.2 | $(3.0,5.9)$ | 3.5 | (2.4,5.1) | -0.7 | (-2.4,1.1) |
| African American | 3.2 | 7.6 | 1.8 | 2.9 | 5.5 | $(2.8,10.3)$ | 2.3 | $(1.0,5.1)$ | -3.2 | (-7.3,1.0) |
| Hispanic | 7.6 | 6.2 | 10.1 | 6.8 | 6.9 | $(3.9,12.0)$ | 8.4 | (4.7,14.6) | 1.5 | (-4.8,7.8) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 28.2 | S | 18.0 | 25.9 | 34.1 | $(24.9,44.6)$ | 22.4 | (14.2,33.4) | -11.7 | (-24.7,1.3) |
| Lower Risk | 2.3 | 2.0 | 1.6 | 2.5 | 2.1 | $(1.3,3.4)$ | 2.1 | (1.4,3.1) | -0.1 | (-1.3,1.2) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 8.8 | 10.1 | 6.1 | 9.8 | 9.5 | $(7.1,12.6)$ | 7.9 | $(5.5,11.3)$ | -1.5 | (-5.0,2.0) |
| Low | 2.5 | 0.7 | 1.8 | 1.5 | 1.6 | $(0.9,2.7)$ | 1.7 | $(1.0,2.7)$ | 0.1 | (-1.2,1.3) |

Table 4-1. Youth reporting ever having used marijuana, by age, gender, race/ethnicity, risk score, and sensation seeking (continued)

| Characteristics | Percent reporting marijuana use ever |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \end{gathered}$ | Wave 3$\%$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Youth aged 14 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 30.2 | 30.9 | 34.1 | 30.4 | 30.6 | (26.6,34.9) | 32.3 | (28.5,36.2) | 1.7 | (-3.6,7.0) |
| Females | 28.7 | 25.3 | 27.1 | 29.7 | 27.0 | $(23.8,30.5)$ | 28.4 | (25.0,32.1) | 1.4 | (-3.0,5.7) |
| White | 29.7 | 29.9 | 32.4 | 30.5 | 29.8 | (26.7,33.0) | 31.4 | (28.0,35.1) | 1.7 | (-2.7,6.0) |
| African American | 25.5 | 25.8 | 25.1 | 22.9 | 25.7 | $(20.5,31.7)$ | 24.0 | (18.6,30.4) | -1.7 | (-9.9,6.5) |
| Hispanic | 31.5 | 25.3 | 31.7 | 32.7 | 28.3 | (22.1,35.6) | 32.2 | (24.3,41.2) | 3.9 | (-4.1,11.8) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 48.6 | 50.0 | 52.5 | 51.5 | 49.3 | (45.6,53.0) | 52.0 | (47.9,56.1) | 2.7 | $(-2.3,7.7)$ |
| Lower risk | 6.4 | 4.2 | 6.1 | 7.6 | 5.3 | (3.7,7.4) | 6.9 | $(5.2,9.1)$ | 1.6 | (-0.9,4.1) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 38.4 | 39.3 | 38.5 | 37.3 | 38.8 | (35.4,42.3) | 37.9 | $(34.3,41.7)$ | -0.9 | (-5.9,4.1) |
| Low | 15.1 | 13.8 | 16.5 | 18.8 | 14.4 | $(11.1,18.5)$ | 17.7 | (14.8,21.0) | 3.3 | (-0.9,7.5) |

Table 4-2. Youth reporting using marijuana in the past year, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent reporting marijuana use in the past year |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | Wave 2 \% | $\begin{gathered} \text { Wave } 3 \\ \% \end{gathered}$ | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 3.3 | 3.2 | 2.0 | 3.2 | 3.3 | $(2.4,4.4)$ | 2.6 | $(1.7,3.9)$ | -0.6 | (-2.1,0.8) |
| 14 to 15 | 11.2 | 11.5 | 14.4 | 13.1 | 11.3 | (8.7,14.6) | 13.8 | (11.4,16.5) | 2.5 | (-1.0,5.9) |
| 16 to 18 | 28.9 | 29.3 | 27.6 | 26.1 | 29.1 | $(25.6,32.8)$ | 26.8 | (23.6,30.3) | -2.3 | (-6.9,2.3) |
| 14 to 18 | 21.0 | 21.0 | 21.3 | 20.5 | 21.0 | (18.9,23.3) | 20.9 | (18.6,23.4) | -0.1 | $(-3.1,2.9)$ |
| 12 to 18 | 15.9 | 15.8 | 15.6 | 15.3 | 15.8 | $(14.3,17.5)$ | 15.5 | (13.8,17.3) | -0.3 | $(-2.5,1.9)$ |
| Youth aged 12 to 13 |  |  |  |  |  |  |  |  |  |  |
| Males | 3.5 | 3.4 | 1.9 | 3.2 | 3.5 | $(2.5,4.8)$ | 2.6 | $(1.4,4.7)$ | -0.9 | (-2.8,1.0) |
| Females | 3.1 | 3.0 | 2.1 | 3.2 | 3.0 | (1.9,4.8) | 2.7 | (1.7,4.2) | -0.4 | (-2.2,1.4) |
| White | 2.6 | 2.1 | 1.1 | 3.4 | 2.4 | $(1.5,3.7)$ | 2.2 | (1.4,3.7) | -0.1 | (-1.6,1.4) |
| African American | 1.9 | 6.6 | 0.2 | 1.4 | 4.3 | $(1.9,9.3)$ | 0.8 | (0.2,3.3) | -3.5 | *(-6.9,0.0) |
| Hispanic | 5.4 | 4.7 | 6.8 | 4.3 | 5.1 | $(2.7,9.2)$ | 5.5 | $(2.4,12.3)$ | 0.5 | (-5.0,5.9) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 15.8 | S | 14.5 | 21.5 | 23.0 | (16.2,31.6) | 18.4 | (11.2,28.7) | -4.6 | (-16.0,6.7) |
| Lower risk | 1.8 | 1.2 | 1.1 | 1.5 | 1.5 | (0.9,2.6) | 1.3 | $(0.7,2.3)$ | -0.2 | (-1.3,0.8) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 5.2 | 7.6 | 3.9 | 6.8 | 6.4 | $(4.6,8.9)$ | 5.4 | $(3.3,8.6)$ | -1.1 | (-4.1,2.0) |
| Low | 1.8 | 0.0 | 0.8 | 0.7 | 0.9 | $(0.5,1.7)$ | 0.8 | $(0.3,1.7)$ | -0.1 | (-0.9,0.7) |

Table 4-2. Youth reporting using marijuana in the past year, by age, gender, race/ethnicity, risk score, and sensation seeking (continued)

| Characteristics | Percent reporting marijuana use in the past year |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Youth aged 14 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 23.1 | 24.0 | 22.9 | 20.5 | 23.6 | $(19.8,27.7)$ | 21.7 | (18.7,25.0) | -1.9 | (-7.0,3.2) |
| Females | 18.9 | 17.8 | 19.7 | 20.4 | 18.4 | (15.8,21.2) | 20.1 | (17.0,23.6) | 1.7 | (-2.3,5.7) |
| White | 22.0 | 23.5 | 23.1 | 21.7 | 22.7 | (20.0,25.6) | 22.4 | (19.4,25.7) | -0.3 | (-4.4,3.8) |
| African American | 15.8 | 19.8 | 14.9 | 16.2 | 17.9 | $(13.2,23.7)$ | 15.6 | $(11.5,20.8)$ | -2.3 | (-8.9,4.3) |
| Hispanic | 20.8 | 12.9 | 22.6 | 16.7 | 16.8 | (12.2,22.6) | 19.6 | (14.4,26.1) | 2.8 | (-4.1,9.7) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 36.0 | 38.5 | 37.6 | 34.5 | 37.2 | (33.9,40.7) | 36.0 | $(32.3,40.0)$ | -1.2 | (-6.2,3.8) |
| Lower risk | 3.6 | 3.3 | 4.0 | 5.8 | 3.4 | $(2.2,5.4)$ | 4.9 | $(3.4,7.0)$ | 1.5 | (-0.6,3.6) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 29.5 | 30.6 | 28.5 | 26.4 | 30.0 | $(27.1,33.1)$ | 27.5 | $(24.2,30.9)$ | -2.6 | (-7.0,1.9) |
| Low | 7.4 | 8.3 | 8.5 | 11.3 | 7.9 | $(5.7,10.8)$ | 9.9 | $(7.7,12.8)$ | 2.1 | (-1.0,5.1) |

Table 4-3. Youth reporting using marijuana in the past month, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent reporting marijuana use in the past month |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | Wave 2 \% | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 1.8 | 1.0 | 0.7 | 1.4 | 1.4 | (0.9,2.1) | 1.1 | $(0.5,2.3)$ | -0.3 | (-1.2,0.7) |
| 14 to 15 | 3.1 | 4.0 | 6.6 | 7.8 | 3.6 | $(2.3,5.4)$ | 7.2 | $(5.4,9.6)$ | 3.6 | * (0.9,6.3) |
| 16 to 18 | 13.3 | 16.0 | 13.4 | 14.6 | 14.6 | (12.4,17.2) | 14.0 | (11.3,17.2) | -0.6 | (-4.3,3.0) |
| 14 to 18 | 8.7 | 10.4 | 10.2 | 11.7 | 9.6 | $(8.1,11.3)$ | 10.9 | $(9.1,13.0)$ | 1.3 | (-1.0,3.7) |
| 12 to 18 | 6.7 | 7.6 | 7.4 | 8.6 | 7.2 | $(6.1,8.4)$ | 8.0 | $(6.7,9.5)$ | 0.8 | (-0.9,2.5) |
| Youth aged 12 to 13 |  |  |  |  |  |  |  |  |  |  |
| Males | 1.9 | 1.9 | 1.0 | 1.9 | 1.9 | (1.1,3.1) | 1.5 | $(0.6,3.7)$ | -0.4 | (-2.0,1.2) |
| Females | 1.7 | 0.0 | 0.5 | 0.9 | 0.8 | $(0.4,1.7)$ | 0.7 | $(0.3,1.7)$ | -0.1 | (-1.0,0.7) |
| White | 1.5 | 0.8 | 0.4 | 0.9 | 1.2 | (0.6,2.1) | 0.6 | $(0.2,1.7)$ | -0.5 | (-1.4,0.4) |
| African American | 1.6 | S | 0.2 | 1.4 | 1.6 | $(0.5,5.6)$ | 0.8 | $(0.2,3.3)$ | -0.8 | (-2.8,1.3) |
| Hispanic | 2.3 | S | 2.4 | 3.4 | 1.9 | (0.7,5.2) | 2.9 | $(0.8,10.2)$ | 1.0 | (-3.2,5.3) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 8.8 | 14.9 | 3.5 | 8.3 | 11.3 | $(6.5,18.7)$ | 6.2 | $(2.2,16.2)$ | -5.1 | (-13.8,3.6) |
| Lower risk | 0.8 | 0.0 | 0.6 | 0.7 | 0.4 | $(0.2,0.9)$ | 0.6 | $(0.3,1.5)$ | 0.2 | (-0.3,0.8) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 2.5 | 2.3 | 1.8 | 2.8 | 2.4 | $(1.4,4.1)$ | 2.3 | (1.0,5.1) | -0.1 | (-2.4,2.1) |
| Low | 1.1 | 0.0 | 0.1 | 0.4 | 0.5 | (0.2,1.2) | 0.2 | $(0.1,0.9)$ | -0.3 | (-0.7,0.1) |

Table 4-3. Youth reporting using marijuana in the past month, by age, gender, race/ethnicity, risk score, and sensation seeking (continued)

| Characteristics | Percent reporting marijuana use in the past month |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | Wave 2 <br> \% | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | Wave 4\% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from <br> Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Youth aged 14 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 10.7 | 12.4 | 11.2 | 11.0 | 11.6 | $(9.0,14.8)$ | 11.1 | (8.6,14.1) | -0.5 | (-4.0,3.1) |
| Females | 6.7 | 8.4 | 9.1 | 12.4 | 7.5 | $(5.6,10.1)$ | 10.7 | (8.5,13.4) | 3.2 | * (0.0,6.4) |
| White | 8.2 | 11.2 | 11.9 | 12.4 | 9.7 | (7.9,11.9) | 12.2 | (9.9,14.8) | 2.5 | $(-0.8,5.7)$ |
| African American | 7.0 | 9.9 | 7.8 | 8.5 | 8.5 | $(5.1,13.8)$ | 8.1 | $(5.2,12.5)$ | -0.3 | $(-5.4,4.7)$ |
| Hispanic | 12.3 | 7.7 | S | 10.8 | 10.0 | $(6.7,14.7)$ | 7.9 | $(4.2,14.5)$ | -2.1 | (-8.0,3.9) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 16.2 | 19.6 | 18.0 | 20.0 | 17.8 | (15.0,21.0) | 18.9 | (15.9,22.5) | 1.1 | (-3.7,5.9) |
| Lower risk | 0.8 | 1.2 | 2.3 | 2.5 | 1.0 | $(0.5,1.9)$ | 2.4 | $(1.3,4.4)$ | 1.4 | (-0.1,2.9) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 13.1 | 15.5 | 12.9 | 15.8 | 14.3 | (11.8,17.2) | 14.3 | (11.7,17.4) | 0.0 | (-3.8,3.9) |
| Low | 1.9 | 3.3 | 5.4 | 5.2 | 2.6 | $(1.5,4.5)$ | 5.3 | $(3.8,7.4)$ | 2.6 | * (0.4,4.9) |

Table 4-4. Youth reporting regular marijuana use ${ }^{1}$, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent reporting regular marijuana use |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | Wave 2 \% | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | Wave 4 <br> \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 0.6 | 0.5 | 0.2 | 0.3 | 0.5 | $(0.3,1.0)$ | 0.3 | $(0.1,0.8)$ | -0.3 | (-0.7,0.2) |
| 14 to 15 | 2.1 | 2.2 | 5.6 | 5.3 | 2.2 | (1.4,3.3) | 5.4 | (3.9,7.6) | 3.3 | * (1.1,5.4) |
| 16 to 18 | 10.8 | 14.0 | 12.1 | 11.3 | 12.4 | $(10.3,14.9)$ | 11.7 | $(9.3,14.6)$ | -0.7 | (-4.1,2.7) |
| 14 to 18 | 6.9 | 8.5 | 9.0 | 8.7 | 7.7 | $(6.5,9.1)$ | 8.8 | $(7.3,10.7)$ | 1.1 | (-1.0,3.2) |
| 12 to 18 | 5.1 | 6.2 | 6.4 | 6.2 | 5.6 | $(4.8,6.6)$ | 6.3 | (5.2,7.6) | 0.7 | (-0.8,2.1) |
| Youth aged 14 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 8.5 | 11.2 | 11.1 | 10.6 | 9.9 | $(7.8,12.4)$ | 10.9 | $(8.6,13.7)$ | 1.0 | (-2.4,4.4) |
| Females | 5.4 | 5.7 | 6.8 | 6.6 | 5.5 | (3.9,7.8) | 6.7 | $(5.1,8.8)$ | 1.2 | (-1.3,3.7) |
| White | 7.2 | 10.3 | 11.4 | 9.3 | 8.7 | (7.1,10.7) | 10.4 | (8.4,12.7) | 1.6 | (-1.4,4.7) |
| African American | 2.9 | 5.3 | 1.8 | 5.5 | 4.1 | $(2.1,7.8)$ | 3.7 | $(2.0,6.7)$ | -0.5 | (-3.7,2.8) |
| Hispanic | 7.7 | 4.1 | S | 8.1 | 5.8 | $(3.2,10.5)$ | 7.4 | $(3.8,14.0)$ | 1.6 | (-3.4,6.6) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 12.7 | 16.8 | 14.6 | 15.1 | 14.7 | (12.4,17.3) | 14.9 | $(12.3,17.8)$ | 0.2 | (-3.6,4.0) |
| Lower risk | 0.5 | 0.3 | 2.5 | 1.3 | 0.4 | $(0.2,1.0)$ | 1.8 | (0.9,3.8) | 1.5 | * (0.2,2.8) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 10.8 | 12.5 | 12.7 | 12.6 | 11.6 | (9.6,13.9) | 12.7 | (10.3,15.4) | 1.1 | (-2.3,4.4) |
| Low | 1.1 | 3.4 | 2.4 | 2.7 | 2.3 | $(1.2,4.5)$ | 2.5 | (1.7,3.8) | 0.2 | (-1.6,2.1) |

[^20]Table 4-5. Proportion of youth who have tried marijuana, by various ages in different years


NOTE: These data give retrospective estimates of usage by a given age as of a certain year. For example, the table shows that $2.0 \%$ of 12 -year-olds in 1995 had already used marijuana. This compares with $8.1 \%$ of 12 -year-olds in 2000 who had already used. The youth who turned 12 in 1995 turned 18 in 2001. All interviews were conducted between July 2000 and December 2001 (waves 2, 3 and 4).

Table 4-6. Youth never receiving offers of marijuana, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent reporting never receiving offers of marijuana |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 | $\begin{gathered} \text { Wave } 2 \\ \% \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | Wave 4 | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 81.3 | 82.1 | 80.2 | 85.5 | 81.7 | (79.4,83.8) | 82.9 | $(80.8,84.8)$ | 1.2 | (-1.6,3.9) |
| 14 to 15 | 52.0 | 55.4 | 54.1 | 55.8 | 53.8 | $(50.2,57.2)$ | 54.9 | $(50.7,59.0)$ | 1.2 | (-4.6,6.9) |
| 16 to 18 | 28.0 | 30.8 | 31.7 | 27.6 | 29.4 | (26.0,33.0) | 29.6 | $(26.7,32.7)$ | 0.2 | $(-4.1,4.5)$ |
| 14 to 18 | 38.7 | 42.3 | 42.2 | 39.9 | 40.5 | (37.6,43.4) | 41.0 | $(38.3,43.9)$ | 0.6 | (-3.4,4.5) |
| 12 to 18 | 51.0 | 54.0 | 53.4 | 53.4 | 52.5 | (50.3,54.6) | 53.4 | (51.2,55.6) | 0.9 | (-2.1,3.9) |
| Youth aged 12 to 13 |  |  |  |  |  |  |  |  |  |  |
| Males | 80.3 | 82.0 | 82.4 | 82.8 | 81.1 | (77.6,84.2) | 82.6 | (79.7,85.1) | 1.4 | (-2.6,5.5) |
| Females | 82.4 | 82.2 | 78.0 | 88.3 | 82.3 | (79.3,85.0) | 83.2 | (79.4,86.5) | 0.9 | (-3.7,5.5) |
| White | 84.5 | 84.2 | 82.9 | 86.5 | 84.4 | (82.0,86.5) | 84.7 | $(82.1,86.9)$ | 0.3 | (-2.9,3.5) |
| African American | 77.0 | 79.3 | 77.0 | 92.9 | 78.2 | (70.6,84.2) | 85.1 | (79.7,89.3) | 7.0 | (-1.1,15.0) |
| Hispanic | 72.4 | 72.6 | 74.2 | 73.0 | 72.5 | (65.0,78.8) | 73.6 | (67.3,79.0) | 1.1 | (-7.1,9.3) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 41.9 | 30.1 | 31.2 | 42.4 | 37.2 | (28.4,47.0) | 37.4 | $(27.1,49.0)$ | 0.2 | (-13.8,14.2) |
| Lower risk | 86.8 | 85.2 | 85.2 | 90.6 | 86.0 | (83.6,88.1) | 87.9 | $(85.8,89.7)$ | 1.9 | (-0.9,4.7) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 71.7 | 70.9 | 67.5 | 75.6 | 71.3 | (67.4,74.9) | 71.5 | (67.3,75.5) | 0.3 | (-4.8,5.4) |
| Low | 88.8 | 90.2 | 89.4 | 91.6 | 89.5 | (87.0,91.5) | 90.5 | (88.2,92.4) | 1.1 | (-1.6,3.7) |

Table 4-6. Youth never receiving offers of marijuana, by age, gender, race/ethnicity, risk score, and sensation seeking (continued)

| Characteristics | Percent reporting never receiving offers of marijuana |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Youth aged 14 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 35.8 | 38.7 | 36.9 | 37.6 | 37.3 | $(33.8,40.8)$ | 37.2 | (33.4,41.3) | 0.0 | (-5.2,5.2) |
| Females | 41.6 | 46.0 | 47.8 | 42.3 | 43.8 | (39.2,48.5) | 45.1 | (41.0,49.2) | 1.3 | (-4.4,7.0) |
| White | 40.3 | 42.5 | 42.9 | 42.2 | 41.4 | (38.3,44.6) | 42.6 | $(39.3,45.9)$ | 1.2 | (-2.8,5.1) |
| African American | 38.5 | 35.6 | 41.4 | 37.3 | 37.0 | $(30.8,43.7)$ | 39.3 | $(32.7,46.4)$ | 2.3 | (-7.9,12.6) |
| Hispanic | 28.8 | 40.4 | 37.3 | 32.7 | 34.7 | $(26.6,43.7)$ | 35.0 | $(28.1,42.7)$ | 0.4 | (-9.0,9.7) |
| Risk Score |  |  |  |  |  |  |  |  |  |  |
| Higher Risk | 19.9 | 21.3 | 21.5 | 16.8 | 20.6 | (17.9,23.5) | 19.1 | (16.6,22.0) | -1.4 | (-5.5,2.7) |
| Lower risk | 61.6 | 64.9 | 67.6 | 62.9 | 63.3 | (58.2,68.1) | 65.1 | (60.7,69.3) | 1.8 | (-4.4,8.1) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 29.6 | 32.7 | 32.7 | 30.1 | 31.1 | (28.0,34.4) | 31.4 | (28.3,34.8) | 0.4 | (-4.4,5.1) |
| Low | 52.8 | 54.0 | 59.7 | 55.1 | 53.4 | (48.1,58.7) | 57.3 | (52.2,62.2) | 3.9 | (-2.8,10.6) |

Table 4-7. Youth receiving offers of marijuana one or more times in the past 30 days, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | Wave 3$\%$ | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 9.9 | 9.8 | 9.9 | 8.2 | 9.8 | (8.4,11.6) | 9.0 | $(7.6,10.7)$ | -0.8 | (-2.9,1.3) |
| 14 to 15 | 29.9 | 23.5 | 29.1 | 26.5 | 26.6 | (23.0,30.5) | 27.8 | $(24.3,31.7)$ | 1.2 | $(-4.2,6.7)$ |
| 16 to 18 | 48.3 | 45.0 | 46.6 | 46.5 | 46.7 | $(42.9,50.5)$ | 46.6 | $(42.7,50.5)$ | -0.1 | (-5.2,4.9) |
| 14 to 18 | 40.1 | 35.0 | 38.4 | 37.8 | 37.6 | $(34.9,40.3)$ | 38.1 | (35.2,41.0) | 0.5 | (-3.1,4.2) |
| 12 to 18 | 31.3 | 27.7 | 30.0 | 29.1 | 29.5 | $(27.5,31.6)$ | 29.5 | $(27.4,31.7)$ | 0.1 | $(-2.6,2.7)$ |
| Youth aged 12 to 13 |  |  |  |  |  |  |  |  |  |  |
| Males | 10.7 | 9.8 | 8.0 | 8.0 | 10.2 | $(8.1,12.9)$ | 8.0 | $(6.3,10.1)$ | -2.2 | (-5.2,0.8) |
| Females | 9.0 | 9.9 | 11.9 | 8.4 | 9.5 | (7.7,11.6) | 10.1 | (7.7,13.2) | 0.7 | (-2.9,4.2) |
| White | 7.2 | 8.1 | 7.9 | 8.0 | 7.7 | $(6.1,9.6)$ | 7.9 | $(6.2,10.2)$ | 0.3 | (-2.4,2.9) |
| African American | 10.7 | 12.1 | 9.4 | 2.4 | 11.4 | $(7.4,17.1)$ | 5.9 | $(3.1,10.9)$ | -5.6 | $*(-10.6,-0.5)$ |
| Hispanic | 18.4 | 17.5 | 16.1 | 15.7 | 17.9 | (13.0,24.2) | 15.9 | (11.8,21.0) | -2.0 | $(-9.8,5.8)$ |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 37.2 | 47.0 | 38.8 | 41.5 | 41.2 | (33.0,49.8) | 40.3 | $(29.8,51.8)$ | -0.9 | (-14.4,12.6) |
| Lower risk | 6.5 | 7.2 | 8.0 | 4.6 | 6.8 | $(5.5,8.5)$ | 6.3 | (5.0,7.9) | -0.5 | (-2.5,1.5) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 15.4 | 17.0 | 17.7 | 15.7 | 16.2 | $(13.4,19.4)$ | 16.7 | $(13.6,20.3)$ | 0.5 | $(-3.7,4.7)$ |
| Low | 5.9 | 4.5 | 4.5 | 3.7 | 5.2 | $(3.8,7.1)$ | 4.1 | $(2.9,5.7)$ | -1.1 | (-3.1,0.8) |

Table 4-7. Youth receiving offers of marijuana one or more times in the past 30 days, by age, gender, race/ethnicity, risk score, and sensation seeking (continued)

| Characteristics | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from <br> Year 2000 to Year 2001 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Youth aged 14 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 42.1 | 37.6 | 39.2 | 37.8 | 39.9 | $(36.1,43.7)$ | 38.5 | $(34.3,42.9)$ | -1.3 | (-6.4,3.8) |
| Females | 38.1 | 32.3 | 37.5 | 37.8 | 35.2 | (31.1,39.5) | 37.7 | $(34.3,41.1)$ | 2.5 | (-2.7,7.6) |
| White | 37.6 | 36.5 | 37.6 | 36.1 | 37.1 | $(33.8,40.4)$ | 36.9 | $(33.3,40.6)$ | -0.2 | (-4.5,4.2) |
| African American | 43.8 | 36.3 | 33.9 | 35.2 | 40.0 | $(34.5,45.9)$ | 34.6 | (28.5,41.2) | -5.5 | (-14.2,3.3) |
| Hispanic | 49.0 | 31.1 | 46.3 | 48.3 | 39.8 | (33.0,47.1) | 47.3 | $(39.8,54.9)$ | 7.5 | $(-0.5,15.4)$ |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 56.9 | 53.6 | 56.3 | $57.1$ | 55.3 | $(51.2,59.4)$ | 56.7 | $(52.6,60.7)$ | 1.4 | $(-4.5,7.3)$ |
| Lower risk | 20.2 | 15.1 | 18.8 | 18.1 | 17.6 | (14.4,21.3) | 18.4 | $(15.3,22.1)$ | 0.9 | $(-4.1,5.8)$ |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 49.8 | 44.9 | 45.2 | 45.9 | 47.4 | $(44.2,50.7)$ | 45.5 | $(41.7,49.4)$ | -1.9 | (-7.0,3.2) |
| Low | 24.9 | 22.1 | 26.6 | 24.9 | 23.5 | (19.7,27.7) | 25.7 | (21.8,30.0) | 2.2 | (-2.8,7.2) |

Table 4-8. Youth reporting ever having used inhalants, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent reporting inhalant use ever |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | Wave 4\% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 1.9 | 0.7 | 2.0 | 1.3 | 1.3 | $(0.9,1.9)$ | 1.7 | $(1.1,2.5)$ | 0.4 | (-0.4,1.2) |
| 14 to 15 | 5.3 | 6.1 | 4.1 | 3.0 | 5.7 | $(3.8,8.4)$ | 3.6 | $(2.5,5.0)$ | -2.1 | $(-4.7,0.4)$ |
| 16 to 18 | 8.8 | 6.8 | 6.4 | 5.3 | 7.8 | $(6.3,9.6)$ | 5.8 | $(4.5,7.6)$ | -1.9 | $(-4.3,0.4)$ |
| 14 to 18 | 7.2 | 6.5 | 5.3 | 4.3 | 6.8 | $(5.6,8.3)$ | 4.8 | $(3.9,6.0)$ | -2.0 | *(-3.7,-0.4) |
| 12 to 18 | 5.7 | 4.8 | 4.4 | 3.4 | 5.2 | (4.4,6.2) | 3.9 | $(3.2,4.8)$ | -1.3 | *(-2.5,-0.2) |
| Youth aged 12 to 13 |  |  |  |  |  |  |  |  |  |  |
| Males | 2.1 | 0.8 | 0.9 | 1.2 | 1.4 | (0.9,2.3) | 1.1 | $(0.5,2.3)$ | -0.4 | $(-1.4,0.7)$ |
| Females | 1.7 | 0.5 | 3.2 | 1.4 | 1.1 | (0.6,2.1) | 2.3 | $(1.3,3.9)$ | 1.2 | (-0.2,2.6) |
| White | 2.1 | 0.6 | 1.9 | 1.4 | 1.4 | (0.9,2.1) | 1.6 | (1.0,2.7) | 0.2 | (-0.8,1.2) |
| African American | 0.4 | S | 0.9 | 0.8 | 0.7 | (0.1,3.6) | 0.9 | (0.2,3.5) | 0.1 | $(-1.5,1.8)$ |
| Hispanic | 2.1 | 0.5 | 3.3 | 1.8 | 1.3 | $(0.5,3.1)$ | 2.6 | $(1.1,5.8)$ | 1.3 | (-1.1,3.6) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 8.5 | 9.7 | 11.1 | 10.3 | 9.0 | $(5.3,14.6)$ | 10.7 | (6.1,18.0) | 1.7 | (-5.6,9.0) |
| Lower risk | 1.2 | 0.0 | 1.2 | 0.2 | 0.6 | $(0.3,1.0)$ | 0.7 | $(0.3,1.5)$ | 0.1 | $(-0.5,0.8)$ |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 4.1 | 1.5 | 2.8 | 2.5 | 2.8 | (1.9,4.1) | 2.7 | $(1.7,4.1)$ | -0.1 | (-1.6,1.3) |
| Low | 0.1 | 0.0 | 1.6 | 0.4 | 0.1 | (0.0,0.4) | 1.0 | (0.4,2.3) | 0.9 | *(0.0,1.8) |

Table 4-8. Youth reporting ever having used inhalants, by age, gender, race/ethnicity, risk score, and sensation seeking (continued)

| Characteristics | Percent reporting inhalant use ever |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Youth aged 14 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 8.6 | 9.2 | 6.6 | 4.1 | 8.9 | $(6.6,11.9)$ | 5.3 | $(3.8,7.5)$ | -3.6 | *(-6.5,-0.6) |
| Females | 5.8 | 3.7 | 3.9 | 4.6 | 4.7 | $(3.5,6.3)$ | 4.3 | $(3.2,5.7)$ | -0.5 | (-2.1,1.2) |
| White | 7.6 | 7.6 | 6.2 | 4.5 | 7.6 | $(6.0,9.7)$ | 5.4 | $(4.3,6.7)$ | -2.3 | *(-4.5,-0.1) |
| African American | 0.7 | 2.1 | 2.8 | 0.5 | 1.4 | $(0.5,3.8)$ | 1.6 | $(0.8,3.5)$ | 0.2 | (-1.6,2.1) |
| Hispanic | 13.6 | 2.4 | 4.4 | 7.6 | 7.9 | $(5.0,12.1)$ | 6.0 | (3.4,10.2) | -1.9 | (-6.4,2.7) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 12.3 | 12.1 | 10.0 | 8.1 | 12.2 | $(10.1,14.7)$ | 9.0 | (7.2,11.3) | -3.2 | (-6.4,0.1) |
| Lower risk | 1.5 | 1.2 | 0.9 | 0.5 | 1.4 | $(0.7,2.7)$ | 0.7 | $(0.4,1.1)$ | -0.7 | (-1.7,0.4) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 11.2 | 10.9 | 7.4 | 5.5 | 11.0 | $(9.1,13.4)$ | 6.5 | $(5.1,8.3)$ | -4.5 | *(-7.2,-1.9) |
| Low | 0.9 | 0.3 | 1.6 | 2.5 | 0.6 | $(0.3,1.2)$ | 2.1 | (1.2,3.7) | 1.5 | *(0.5,2.6) |

Table 4-9. Youth reporting using inhalant in the past year, by age, gender, race/ethnicity, risk score, and sensation seeking

| $\underline{\text { Characteristics }}$ | Percent reporting inhalant use in the past year |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 \% | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | Wave 3 \% | $\begin{gathered} \text { Wave } 4 \\ \% \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 1.1 | 0.6 | 1.4 | 0.9 | 0.8 | $(0.5,1.4)$ | 1.1 | $(0.7,2.0)$ | 0.3 | (-0.4,1.0) |
| 14 to 15 | 2.4 | 2.8 | 2.9 | 0.8 | 2.6 | (1.7,4.0) | 1.9 | (1.1,3.2) | -0.7 | (-2.4,0.9) |
| 16 to 18 | 3.1 | 3.1 | 3.2 | 1.4 | 3.1 | (1.9,4.8) | 2.3 | (1.3,3.9) | -0.8 | (-2.7,1.1) |
| 14 to 18 | 2.8 | 2.9 | 3.1 | 1.1 | 2.9 | $(2.1,3.9)$ | 2.1 | (1.4,3.1) | -0.8 | (-2.0,0.5) |
| 12 to 18 | 2.3 | 2.2 | 2.6 | 1.0 | 2.3 | (1.7,3.0) | 1.8 | (1.3,2.5) | -0.5 | (-1.4,0.4) |
| Youth aged 12 to 13 |  |  |  |  |  |  |  |  |  |  |
| Males | 0.8 | 0.8 | 0.3 | 0.9 | 0.8 | $(0.3,1.8)$ | 0.6 | $(0.2,1.8)$ | -0.2 | $(-1.0,0.7)$ |
| Females | 1.4 | 0.3 | 2.6 | 0.8 | 0.9 | $(0.4,1.8)$ | 1.7 | (0.9,3.2) | 0.8 | (-0.4,2.0) |
| White | 1.2 | 0.6 | 1.5 | 0.9 | 0.9 | $(0.5,1.7)$ | 1.2 | $(0.6,2.3)$ | 0.2 | (-0.7,1.2) |
| African American | S | S | S | 0.8 | 0.5 | $(0.1,4.1)$ | 0.4 | (0.0,3.3) | -0.1 | $(-1.5,1.3)$ |
| Hispanic | 2.1 | S | 3.3 | S | 1.0 | (0.4,2.7) | 2.1 | (0.8,5.3) | 1.1 | (-1.0,3.3) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 4.3 | 8.5 | 6.9 | 7.2 | 6.0 | $(2.9,12.0)$ | 7.0 | (3.2,14.9) | 1.0 | (-5.9,8.0) |
| Lower risk | 0.7 | 0.0 | 1.0 | 0.0 | 0.3 | $(0.2,0.7)$ | 0.5 | (0.2,1.2) | 0.2 | (-0.4,0.7) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 2.3 | 1.4 | 1.7 | 1.9 | 1.8 | (1.1,3.1) | 1.8 | (1.0,3.3) | 0.0 | (-1.5,1.4) |
| Low | 0.0 | 0.0 | 1.3 | 0.0 | 0.0 | (0.0,0.8) | 0.7 | (0.2,2.0) | 0.7 | (0.0,1.4) |

Table 4-9. Youth reporting using inhalants in the past year, by age, gender, race/ethnicity, risk score, and sensation seeking (continued)

| $\underline{\text { Characteristics }}$ | Percent reporting inhalant use in the past year |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Youth aged 14 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 2.2 | 4.6 | 4.2 | 1.2 | 3.4 | $(2.1,5.4)$ | 2.7 | $(1.6,4.5)$ | -0.7 | $(-2.8,1.4)$ |
| Females | 3.4 | 1.2 | 1.9 | 1.0 | 2.3 | $(1.5,3.5)$ | 1.4 | $(0.9,2.3)$ | -0.9 | $(-2.0,0.3)$ |
| White | 3.1 | 3.5 | 3.9 | 1.4 | 3.3 | $(2.2,4.8)$ | 2.6 | $(1.7,4.1)$ | -0.6 | (-2.4,1.1) |
| African American | 0.2 | S | 1.1 | S | 0.1 | $(0.0,0.8)$ | 0.5 | $(0.1,2.4)$ | 0.4 | (-0.4,1.3) |
| Hispanic | 4.2 | S | 1.1 | 1.1 | 2.0 | $(1.0,4.3)$ | 1.1 | $(0.6,2.2)$ | -0.9 | $(-2.6,0.8)$ |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 4.4 | 6.5 | 5.7 | 2.1 | 5.4 | (3.9,7.5) | 3.9 | $(2.6,6.0)$ | -1.5 | (-4.2,1.1) |
| Lower risk | 0.8 | 0.0 | 0.9 | 0.3 | 0.4 | $(0.1,1.1)$ | 0.6 | $(0.3,1.0)$ | 0.2 | (-0.4,0.7) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 4.1 | 5.0 | 4.3 | 1.4 | 4.5 | (3.2,6.2) | 2.9 | $(1.8,4.5)$ | -1.6 | $(-3.7,0.5)$ |
| Low | 0.8 | 0.3 | 0.9 | 0.7 | 0.5 | $(0.2,1.1)$ | 0.8 | (0.4, 1.4 ) | 0.3 | (-0.4,0.9) |

Table 4-10. Youth reporting using inhalants in the past month, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent reporting inhalant use in the past month |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 \% | $\begin{gathered} \text { Wave } 2 \\ \% \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 0.4 | 0.0 | 0.4 | 0.5 | 0.2 | $(0.1,0.5)$ | 0.4 | $(0.2,1.1)$ | 0.2 | $(-0.2,0.6)$ |
| 14 to 15 | 0.5 | 0.1 | 1.2 | 0.4 | 0.3 | $(0.1,0.6)$ | 0.8 | $(0.4,1.8)$ | 0.5 | $(-0.2,1.2)$ |
| 16 to 18 | 1.0 | 0.7 | 0.3 | 0.5 | 0.9 | $(0.4,1.9)$ | 0.4 | $(0.2,1.0)$ | -0.4 | $(-1.2,0.3)$ |
| 14 to 18 | 0.8 | 0.4 | 0.7 | 0.4 | 0.6 | $(0.3,1.1)$ | 0.6 | $(0.4,1.0)$ | 0.0 | $(-0.5,0.5)$ |
| 12 to 18 | 0.7 | 0.3 | 0.6 | 0.4 | 0.5 | $(0.3,0.8)$ | 0.5 | $(0.3,0.8)$ | 0.1 | (-0.3,0.4) |
| Youth aged 12 to 13 |  |  |  |  |  |  |  |  |  |  |
| Males | 0.3 | 0.0 | 0.3 | 0.6 | 0.2 |  | 0.5 | $(0.1,1.6)$ | 0.3 | $(-0.3,0.9)$ |
| Females | 0.6 | 0.0 | 0.5 | 0.3 | 0.3 | $(0.1,0.8)$ | 0.4 | $(0.1,1.3)$ | 0.1 | (-0.4, 0.7 ) |
| White | 0.4 | 0.0 | 0.4 | 0.5 | 0.2 | $(0.1,0.5)$ | 0.5 | (0.2,1.3) | 0.3 | (-0.2,0.8) |
| African American | S | S | S | S | $\mathrm{S}$ | (S) | S | (S) | $\mathrm{S}$ | (S) |
| Hispanic | 1.4 | S | 0.7 | S | 0.7 | $(0.2,2.8)$ | 0.9 | $(0.2,4.0)$ | 0.2 | $(-1.5,1.8)$ |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 0.7 | S | S | S | 0.4 | $(0.0,3.5)$ | 2.9 | $(0.7,10.4)$ | 2.4 | $(-1.5,6.3)$ |
| Lower risk | 0.5 | 0.0 | 0.3 | 0.0 | 0.2 | $(0.1,0.6)$ | 0.2 | $(0.0,0.8)$ | -0.1 | (-0.4,0.3) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 1.1 | S | 0.3 | 1.2 | 0.5 | (0.2,1.2) | 0.7 | (0.2,2.3) | 0.2 | (-0.7,1.1) |
| Low | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | $(0.0,0.8)$ | 0.2 | $(0.1,1.1)$ | 0.2 | (-0.1,0.6) |

Table 4-10. Youth reporting using inhalants in the past month, by age, gender, race/ethnicity, risk score, and sensation seeking (continued)

| $\underline{\text { Characteristics }}$ | Percent reporting inhalant use in the past month |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | Wave 2 \% | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Youth aged 14 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 0.4 | 0.8 | 0.5 | 0.3 | 0.6 | $(0.2,1.8)$ | 0.4 | $(0.1,1.1)$ | -0.2 | (-1.0,0.6) |
| Females | 1.1 | 0.0 | 1.0 | 0.6 | 0.6 | $(0.3,1.0)$ | 0.8 | (0.4,1.3) | 0.2 | (-0.3,0.8) |
| White | 1.0 | 0.1 | 0.7 | 0.7 | 0.5 | $(0.3,0.9)$ | 0.7 | (0.4,1.2) | 0.1 | (-0.4,0.7) |
| African American | 0.2 | S | 1.1 | S | 0.1 | $(0.0,0.8)$ | 0.5 | $(0.1,2.4)$ | 0.4 | (-0.4,1.3) |
| Hispanic | S | S | 0.6 | S | 0.0 | $(0.0,2.5)$ | 0.3 | $(0.1,0.9)$ | 0.3 | (0.0,0.6) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 1.6 | 0.9 | 1.4 | 0.8 | 1.3 | $(0.7,2.4)$ | 1.1 | $(0.6,2.0)$ | -0.1 | (-1.2,0.9) |
| Lower risk | 0.0 | 0.0 | 0.2 | 0.1 | 0.0 | $(0.0,0.9)$ | 0.1 | $(0.1,0.4)$ | 0.1 | $(0.0,0.3)$ |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 1.2 | 0.7 | 1.2 | 0.5 | 1.0 | $(0.5,1.8)$ | 0.8 | $(0.4,1.6)$ | -0.1 | $(-1.0,0.7)$ |
| Low | 0.2 | 0.0 | S | 0.3 | 0.1 | $(0.0,0.4)$ | 0.2 | $(0.0,0.8)$ | 0.1 | (-0.2,0.4) |

Table 4-11. Youth reporting regular inhalant use, ${ }^{1}$ by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent reporting regular inhalant use |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 <br> \% | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 0.0 | 0.2 | 0.0 | 0.0 | 0.1 | $(0.0,0.6)$ | 0.0 | $(0.0,0.5)$ | -0.1 | (-0.3,0.1) |
| 14 to 15 | 0.2 | 0.3 | 0.5 | 0.0 | 0.2 | $(0.0,1.1)$ | 0.2 | $(0.1,0.9)$ | 0.0 | (-0.5,0.5) |
| 16 to 18 | 0.4 | 0.5 | 0.4 | 0.3 | 0.4 | $(0.2,0.9)$ | 0.4 | $(0.2,0.8)$ | -0.1 | (-0.4,0.2) |
| 14 to 18 | 0.3 | 0.4 | 0.4 | 0.2 | 0.3 | $(0.2,0.6)$ | 0.3 | $(0.1,0.6)$ | 0.0 | (-0.3,0.2) |
| 12 to 18 | 0.2 | 0.3 | 0.3 | 0.1 | 0.3 | $(0.2,0.4)$ | 0.2 | (0.1,0.4) | -0.1 | (-0.2,0.1) |
| Youth aged 14 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 0.3 | 0.8 | 0.4 | 0.4 | 0.6 | $(0.3,1.1)$ | 0.4 | $(0.1,0.9)$ | -0.2 | (-0.7,0.3) |
| Females | 0.2 | 0.0 | 0.5 | 0.0 | 0.1 | $(0.1,0.3)$ | 0.2 | $(0.1,0.6)$ | 0.1 | (-0.1,0.3) |
| White | 0.4 | 0.6 | 0.5 | 0.2 | 0.5 | $(0.3,0.9)$ | 0.4 | $(0.2,0.9)$ | -0.2 | (-0.5,0.2) |
| African American | S | S | S | S | 0.0 | $(0.0,2.5)$ | 0.0 | $(0.0,2.6)$ | S | (S) |
| Hispanic | S | S | 0.6 | 0.2 | 0.0 | $(0.0,2.5)$ | 0.4 | $(0.1,1.1)$ | 0.4 | $(0.0,0.8)$ |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 0.5 | 0.9 | 0.7 | 0.4 | 0.7 | (0.4,1.3) | 0.6 | (0.2,1.2) | -0.1 | (-0.7,0.4) |
| Lower risk | 0.1 | 0.0 | 0.2 | 0.0 | 0.0 | $(0.0,0.2)$ | 0.1 | $(0.0,0.3)$ | 0.1 | (-0.1,0.2) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 0.5 | 0.7 | 0.6 | 0.3 | 0.6 | $(0.3,1.0)$ | 0.5 | (0.2,1.0) | -0.1 | (-0.5,0.3) |
| Low | 0.0 | 0.0 | S | 0.0 | 0.0 | $(0.0,1.0)$ | 0.0 | $(0.0,0.9)$ | S | (S) |

[^21]Table 5-1. Nonusers ${ }^{1}$ intentions to use marijuana ${ }^{2}$ even once or twice in the next 12 months, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent definitely not intending to try marijuana |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | Wave 3 \% | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 91.7 | 92.9 | 90.1 | 91.6 | 92.3 | $(90.6,93.7)$ | 90.9 | (89.0,92.5) | -1.4 | (-3.8,0.9) |
| 14 to 15 | 83.3 | 86.8 | 85.4 | 82.2 | 85.1 | (82.3,87.6) | 83.8 | (80.9,86.4) | -1.3 | (-5.2,2.7) |
| 16 to 18 | 82.1 | 87.3 | 80.8 | 86.0 | 84.7 | $(81.5,87.4)$ | 83.5 | $(79.3,86.9)$ | -1.2 | $(-5.7,3.4)$ |
| 14 to 18 | 82.7 | 87.0 | 83.3 | 84.0 | 84.9 | $(82.9,86.7)$ | 83.7 | $(81.2,85.9)$ | -1.2 | (-4.1,1.6) |
| 12 to 18 | 85.9 | 89.1 | 85.8 | 86.8 | 87.5 | $(86.1,88.8)$ | 86.3 | $(84.6,87.9)$ | -1.2 | (-3.3,0.8) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 84.8 | 88.6 | 87.2 | 87.1 | 86.7 | (84.4,88.7) | 87.1 | $(84.6,89.4)$ | 0.4 | (-2.6,3.5) |
| Females | 87.0 | 89.7 | 84.4 | 86.5 | 88.4 | (86.2,90.2) | 85.5 | (83.2,87.4) | -2.9 | *(-5.5,-0.3) |
| White | 86.0 | 89.0 | 85.9 | 87.5 | 87.5 | (85.7,89.1) | 86.7 | $(84.5,88.6)$ | -0.8 | (-3.3,1.7) |
| African American | 86.2 | 88.1 | 84.6 | 86.1 | 87.2 | (82.9,90.5) | 85.4 | (81.1,88.8) | -1.8 | (-7.6,4.0) |
| Hispanic | 84.2 | 90.5 | 89.0 | 85.4 | 87.5 | (83.2,90.9) | 87.1 | (82.7,90.5) | -0.4 | (-5.3,4.5) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 74.4 | 76.1 | 67.2 | 73.2 | 75.2 | (71.1,78.9) | 70.3 | (64.8,75.2) | -5.0 | (-11.1,1.2) |
| Lower risk | 90.7 | 93.7 | 91.6 | 91.6 | 92.2 | (90.5,93.6) | 91.6 | (89.9,93.0) | -0.6 | (-2.7,1.4) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 78.9 | 82.5 | 78.9 | 79.2 | 80.6 | (78.1,83.0) | 79.0 | $(76.5,81.4)$ | -1.6 | (-4.6,1.4) |
| Low | 92.9 | 95.1 | 93.1 | 94.1 | 94.1 | (92.1,95.5) | 93.6 | (91.4,95.2) | -0.5 | (-2.7,1.8) |

[^22]${ }^{2}$ All youth, regardless of current or prior marijuana usage, were asked about their confidence to say no to marijuana if they really wanted to.

Table 5-2. Nonusers ${ }^{1}$ personal beliefs about outcomes and attitudes toward marijuana use ${ }^{2}$, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Beliefs about outcomes of marijuana use |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 Mean | Wave 2 <br> Mean | Wave 3 <br> Mean | Wave 4 <br> Mean | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | Est | 95\% CI | Est | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 122.02 | 136.26 | 117.42 | 125.62 | 129.24 | $(122.89,135.59)$ | 121.47 | $(116.40,126.54)$ | -7.77 | *(-14.77,-0.77) |
| 14 to 15 | 89.87 | 113.84 | 105.53 | 96.05 | 102.34 | (94.70,109.98) | 100.85 | (93.16,108.55) | -1.48 | (-11.65,8.68) |
| 16 to 18 | 85.87 | 97.41 | 78.31 | 91.50 | 91.53 | $(81.53,101.54)$ | 85.13 | (74.91,95.36) | -6.40 | (-20.15,7.35) |
| 14 to 18 | 87.99 | 106.57 | 92.99 | 93.85 | 97.40 | (90.61,104.19) | 93.42 | (86.90,99.95) | -3.98 | (-12.59,4.64) |
| 12 to 18 | 100.00 | 117.07 | 101.90 | 105.13 | 108.65 | $(103.23,114.07)$ | 103.52 | (98.80,108.24) | -5.13 | (-11.36,1.10) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 95.52 | 110.31 | 104.04 | 100.97 | 103.00 | $(96.48,109.51)$ | 102.47 | (96.41,108.53) | -0.52 | (-7.98,6.94) |
| Females | 104.54 | 123.82 | 99.82 | 109.52 | 114.34 | (107.33,121.34) | 104.59 | (97.71,111.46) | -9.75 | *(-18.53,-0.97) |
| White | 103.29 | 120.49 | 103.45 | 108.76 | 111.84 | $(105.65,118.03)$ | 106.13 | (99.93,112.32) | -5.71 | (-13.50,2.08) |
| African American | 89.84 | 110.63 | 88.85 | 101.32 | 100.44 | (89.48,111.40) | 95.17 | $(84.85,105.49)$ | -5.27 | (-18.23,7.69) |
| Hispanic | 92.34 | 111.63 | 121.15 | 97.33 | 102.46 | (90.70,114.21) | 109.00 | (97.56,120.44) | 6.54 | (-9.74,22.83) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 58.86 | 66.78 | 47.14 | 51.36 | 62.54 | (50.85,74.23) | 49.27 | $(36.48,62.06)$ | -13.27 | (-29.66,3.12) |
| Lower risk | 117.42 | 132.31 | 121.78 | 122.11 | 125.14 | (119.32,130.96) | 121.95 | $(117.81,126.08)$ | -3.19 | (-8.92,2.53) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 73.49 | 90.70 | 78.38 | 73.95 | 81.91 | (73.74,90.07) | 76.20 | $(68.77,83.63)$ | -5.71 | (-16.13,4.71) |
| Low | 126.37 | 138.99 | 126.89 | 135.91 | 132.94 | (125.60,140.29) | 131.46 | (125.82,137.10) | -1.48 | (-9.06,6.09) |

[^23]${ }^{2}$ Measurement of this construct is detailed in Appendix E.

Table 5-3. Nonusers ${ }^{1}$ perceptions of social norms regarding marijuana use ${ }^{2}$, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Mean score on anti-marijuana social norm index |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 Mean | Wave 2 Mean | Wave 3 Mean | Wave 4 Mean | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | Est | 95\% CI | Est | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 131.52 | 142.30 | 131.49 | 127.46 | 136.98 | (132.39,141.58) | 129.50 | (124.10,134.90) | -7.48 | *(-14.56,-0.41) |
| 14 to 15 | 87.94 | 106.40 | 105.99 | 90.25 | 97.54 | (90.37,104.71) | 98.22 | (89.74,106.71) | 0.68 | (-10.59,11.95) |
| 16 to 18 | 76.88 | 91.60 | 68.04 | 73.09 | 84.10 | (74.44,93.77) | 70.65 | $(61.22,80.08)$ | -13.45 | *(-25.75,-1.15) |
| 14 to 18 | 82.73 | 99.85 | 88.51 | 81.94 | 91.40 | $(85.65,97.16)$ | 85.19 | (78.91,91.48) | -6.21 | (-14.54,2.12) |
| 12 to 18 | 99.96 | 114.86 | 104.19 | 98.11 | 107.51 | (103.36,111.66) | 101.14 | $(96.69,105.60)$ | -6.36 | *(-12.18,-0.54) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 91.60 | 105.72 | 97.02 | 93.26 | 98.73 | $(92.56,104.91)$ | 95.10 | (88.72,101.48) | -3.63 | (-12.87,5.60) |
| Females | 108.42 | 123.99 | 111.21 | 103.22 | 116.33 | (109.76,122.91) | 107.29 | (100.52,114.05) | -9.04 | *(-16.87,-1.21) |
| White | 104.46 | 121.22 | 108.75 | 105.81 | 112.79 | (107.27,118.31) | 107.27 | (102.09,112.45) | -5.52 | (-12.80, 1.76) |
| African American | 79.60 | 86.46 | 81.65 | 66.57 | 83.09 | (74.17,92.02) | 74.01 | $(65.35,82.67)$ | -9.08 | (-21.16,2.99) |
| Hispanic | 96.99 | 110.67 | 119.22 | 96.35 | 104.16 | (93.07,115.26) | 107.55 | (94.65,120.45) | 3.39 | (-12.51,19.28) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 53.22 | 60.33 | 41.21 | 40.92 | 56.52 | $(44.65,68.40)$ | 41.07 | (30.99,51.15) | -15.46 | (-31.13,0.22) |
| Lower risk | 117.28 | 130.58 | 125.07 | 118.49 | 124.17 | $(120.29,128.06)$ | 121.76 | (116.86,126.66) | -2.41 | (-7.79,2.96) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 75.99 | 92.01 | 81.40 | 69.89 | 83.82 | (77.31,90.34) | 75.74 | (69.41,82.07) | -8.08 | (-16.79,0.62) |
| Low | 122.86 | 133.39 | 127.16 | 126.66 | 128.34 | (123.43,133.26) | 126.90 | $(120.69,133.12)$ | -1.44 | (-8.72,5.84) |

[^24]${ }^{2}$ Measurement of this construct is detailed in Appendix E.

Table 5-4. Nonusers ${ }^{1}$ self-efficacy to refuse marijuana ${ }^{2}$, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Mean score on self-efficacy to refuse marijuana index |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 Mean | Wave 2 Mean | Wave 3 <br> Mean | Wave 4 <br> Mean | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | Est | 95\% CI | Est | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 99.83 | 102.63 | 94.85 | 107.14 | 101.25 | $(96.21,106.29)$ | 100.93 | $(95.66,106.19)$ | -0.32 | (-7.10,6.45) |
| 14 to 15 | 89.21 | 103.32 | 113.84 | 110.01 | 96.55 | $(86.79,106.31)$ | 111.95 | (105.56,118.34) | 15.40 | *(3.14,27.66) |
| 16 to 18 | 112.16 | 109.62 | 92.11 | 124.25 | 110.92 | (102.02,119.82) | 108.73 | (98.17,119.30) | -2.18 | (-15.53,11.16) |
| 14 to 18 | 100.04 | 106.11 | 103.83 | 116.90 | 103.11 | $(96.42,109.81)$ | 110.43 | (104.42,116.44) | 7.32 | (-1.97,16.61) |
| 12 to 18 | 99.96 | 104.88 | 100.56 | 113.44 | 102.45 | $(97.62,107.29)$ | 107.01 | (102.78,111.24) | 4.55 | (-1.69,10.80) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 91.50 | 103.19 | 104.88 | 109.36 | 97.41 | $(90.98,103.84)$ | 107.17 | (101.78,112.55) | 9.76 | *(1.95,17.57) |
| Females | 108.52 | 106.57 | 96.33 | 117.74 | 107.53 | (100.59,114.47) | 106.85 | (100.44,113.26) | -0.68 | (-9.09,7.72) |
| White | 105.48 | 116.54 | 104.41 | 118.39 | 110.98 | $(105.75,116.21)$ | 111.46 | (107.28,115.65) | 0.48 | (-6.35,7.31) |
| African American | 84.44 | 86.00 | 88.82 | 113.13 | 85.23 | (73.21,97.25) | 101.14 | (88.20,114.09) | 15.91 | (-1.81,33.63) |
| Hispanic | 89.20 | 86.32 | 102.60 | 93.76 | 87.69 | (74.03,101.35) | 98.09 | (83.33,112.84) | 10.40 | (-7.49,28.29) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 81.16 | 109.21 | 70.73 | 97.92 | 94.18 | (83.90,104.46) | 84.46 | (72.89,96.02) | -9.73 | (-24.97,5.52) |
| Lower risk | 107.61 | 105.61 | 110.91 | 121.34 | 106.58 | $(101.26,111.89)$ | 116.16 | (111.90,120.42) | 9.58 | * (2.77, 16.40) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 80.53 | 96.04 | 81.22 | 96.79 | 88.11 | (80.73,95.49) | 88.88 | (82.45,95.30) | 0.76 | (-9.13,10.66) |
| Low | 119.51 | 114.44 | 121.11 | 130.51 | 116.87 | $(110.91,122.83)$ | 125.87 | $(120.96,130.77)$ | 9.00 | * (2.76,15.24) |

[^25]${ }^{2}$ Measurement of this construct is detailed in Appendix E.

Table DT 5-5 has been intentionally deleted

Table 5-6. Beliefs about possible outcomes of using marijuana even once or twice among nonusing ${ }^{1}$ youth aged 12 to 18 , by age

| Outcome by Age | Percent holding strong anti-drug beliefs ${ }^{2}$ |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 \% | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Upset my parents/caregivers |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 82.9 | 82.3 | 77.2 | 82.5 | 82.6 | $(79.1,85.6)$ | 79.6 | (75.6,83.2) | -3.0 | $(-7.8,1.8)$ |
| 14 to 18 | 81.2 | 79.7 | 83.3 | 85.6 | 80.5 | $(76.5,83.9)$ | 84.5 | (81.1,87.3) | 4.0 | (-0.4,8.5) |
| 12 to 18 | 81.8 | 80.7 | 81.0 | 84.6 | 81.2 | $(78.6,83.6)$ | 82.7 | (80.1,85.1) | 1.5 | (-1.9,4.9) |
| Get in trouble with the law |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 45.2 | 45.4 | 39.4 | 43.8 | 45.3 | $(41.5,49.2)$ | 41.4 | (36.8,46.2) | -3.9 | (-9.6,1.8) |
| 14 to 18 | 32.0 | 43.6 | 37.9 | 37.8 | 37.6 | $(32.9,42.5)$ | 37.8 | (33.5,42.4) | 0.3 | (-5.4,6.0) |
| 12 to 18 | 36.7 | 44.3 | 38.5 | 39.8 | 40.4 | $(37.2,43.6)$ | 39.1 | $(35.6,42.7)$ | -1.2 | (-5.3,2.9) |
| Lose control of myself |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 34.1 | 33.8 | 32.3 | 33.3 | 34.0 | $(30.6,37.4)$ | 32.8 | (28.7,37.1) | -1.2 | (-6.7,4.4) |
| 14 to 18 | 22.9 | 36.0 | 28.0 | 29.3 | 29.1 | (25.4,33.2) | 28.7 | (24.7,33.0) | -0.5 | (-5.7,4.7) |
| 12 to 18 | 26.8 | 35.2 | 29.6 | 30.7 | 30.9 | $(28.0,33.9)$ | 30.2 | (27.0,33.6) | -0.7 | (-4.8,3.4) |
| Start using stronger drugs |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 12.2 | 10.2 | 13.8 | 16.0 | 11.2 | $(9.0,13.9)$ | 14.8 | $(11.7,18.6)$ | 3.6 | (-0.9,8.1) |
| 14 to 18 | 13.1 | 15.0 | 14.6 | 15.5 | 14.0 | $(11.5,16.9)$ | 15.1 | $(12.0,18.7)$ | 1.1 | (-2.9,5.0) |
| 12 to 18 | 12.8 | 13.2 | 14.3 | 15.7 | 13.0 | $(11.2,15.1)$ | 15.0 | (12.7,17.6) | 2.0 | (-1.0,4.9) |
| Be more relaxed |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 55.6 | 53.6 | 51.4 | 53.2 | 54.6 | $(49.8,59.3)$ | 52.2 | (47.0,57.4) | -2.4 | (-7.6,2.9) |
| 14 to 18 | 39.9 | 48.5 | 41.9 | 40.2 | 44.0 | $(39.7,48.4)$ | 41.0 | (36.1,46.0) | -3.0 | (-9.0,3.0) |
| 12 to 18 | 45.4 | 50.3 | 45.5 | 44.6 | 47.8 | $(44.8,50.8)$ | 45.1 | (41.4,48.7) | -2.7 | (-6.6,1.2) |
| Have a good time with friends |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 50.9 | 49.4 | 46.0 | 48.4 | 50.1 | $(46.2,54.0)$ | 47.1 | (42.1,52.1) | -3.0 | (-8.5,2.5) |
| 14 to 18 | 37.4 | 46.3 | 39.1 | 40.3 | 41.6 | $(37.6,45.8)$ | 39.7 | (35.1,44.5) | -1.9 | (-7.1,3.2) |
| 12 to 18 | 42.1 | 47.4 | 41.7 | 43.0 | 44.7 | $(41.8,47.6)$ | 42.3 | (38.6,46.2) | -2.3 | (-5.9,1.2) |

Table 5-6. Beliefs about possible outcomes of using marijuana even once or twice among nonusing ${ }^{1}$ youth aged 12 to 18 , by age (continued)

| Outcome by Age | Percent holding strong anti-drug beliefs ${ }^{2}$ |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 <br> \% | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | Wave 3 <br> \% | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Feel better |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 60.9 | 61.0 | 58.0 | 61.8 | 60.9 | (56.0,65.7) | 59.7 | $(54.3,64.9)$ | -1.2 | $(-7.1,4.6)$ |
| 14 to 18 | 52.8 | 63.4 | 52.7 | 50.7 | 57.9 | (53.1,62.6) | 51.7 | (47.0,56.3) | -6.2 | *(-12.3,-0.2) |
| 12 to 18 | 55.7 | 62.5 | 54.7 | 54.4 | 59.0 | $(55.1,62.8)$ | 54.6 | $(50.7,58.4)$ | -4.4 | (-8.9,0.1) |
| Be like the coolest kids |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 64.1 | 68.5 | 60.9 | 60.6 | 66.3 | (61.9,70.3) | 60.8 | $(56.5,64.9)$ | -5.5 | *(-10.7,-0.2) |
| 14 to 18 | 62.7 | 64.4 | 60.4 | 60.7 | 63.6 | (59.8,67.2) | 60.6 | (56.0,64.9) | -3.0 | (-8.3,2.3) |
| 12 to 18 | 63.2 | 65.9 | 60.6 | 60.7 | 64.5 | (61.7,67.2) | 60.6 | (57.0,64.2) | -3.9 | *(-7.7,-0.1) |

${ }^{1}$ Nonusers are those who have never used marijuana in the past.
${ }^{2}$ Percentages displayed for negative outcomes ("Upset my parents" through "Start using stronger drugs") are those who answered "Very likely." For positive outcomes, ("Be more relaxed" through "Be like the coolest kids") percentages reported are those who answered "Very unlikely."

Table 5-7. Nonusers ${ }^{1}$. perceptions of friends' use of marijuana even once or twice in the past 12 months, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent saying none or a few friends use even once or twice |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 93.6 | 92.0 | 91.4 | 93.3 | 92.8 | (91.0,94.3) | 92.3 | (89.6,94.4) | -0.5 | (-3.3,2.3) |
| 14 to 15 | 70.6 | 77.2 | 78.4 | 78.7 | 74.0 | (69.4,78.1) | 78.5 | (73.8,82.6) | 4.6 | $(-1.5,10.6)$ |
| 16 to 18 | 67.6 | 67.0 | 73.2 | 62.0 | 67.3 | (59.4,74.3) | 67.7 | (61.3,73.5) | 0.4 | (-8.4,9.2) |
| 14 to 18 | 69.2 | 73.1 | 75.8 | 70.8 | 71.0 | (67.0,74.8) | 73.3 | $(69.5,76.7)$ | 2.2 | (-2.1,6.5) |
| 12 to 18 | 77.9 | 80.1 | 81.8 | 78.8 | 79.0 | (76.2,81.4) | 80.3 | $(77.7,82.7)$ | 1.4 | (-1.8,4.5) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 75.7 | 79.0 | 86.9 | 79.4 | 77.3 | (73.4,80.8) | 83.2 | (79.8,86.2) | 5.9 | * (1.6,10.2) |
| Females | 80.2 | 81.1 | 76.4 | 78.3 | 80.6 | (77.3,83.6) | 77.4 | (74.0,80.4) | -3.3 | (-7.2,0.7) |
| White | 79.3 | 81.5 | 81.7 | 80.4 | 80.3 | (76.9,83.3) | 81.1 | (77.6,84.1) | 0.8 | (-3.3,4.8) |
| African American | 76.1 | 70.9 | 87.5 | 79.0 | 73.8 | $(66.5,80.0)$ | 83.0 | $(77.1,87.6)$ | 9.2 | *(1.2,17.3) |
| Hispanic | 71.9 | 75.2 | 78.5 | 69.1 | 73.6 | (65.6,80.2) | 73.9 | (65.0,81.2) | 0.4 | (-9.3,10.0) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 54.5 | 59.3 | 70.1 | 53.5 | 56.6 | (49.9,63.1) | 61.7 | $(54.2,68.7)$ | 5.1 | $(-3.7,13.9)$ |
| Lower risk | 85.8 | 85.3 | 86.0 | 87.8 | 85.5 | (82.2,88.3) | 86.9 | (84.2,89.2) | 1.4 | (-2.0,4.8) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 68.2 | 71.4 | 75.6 | 69.8 | 69.7 | (64.9,74.2) | 72.7 | (67.9,77.1) | 3.0 | (-3.0,8.9) |
| Low | 86.2 | 87.6 | 87.2 | 87.0 | 86.9 | (83.5,89.6) | 87.1 | (83.9,89.7) | 0.2 | (-3.6,4.1) |

[^26]Table 5-8. Nonusers ${ }^{1}$ perceptions of others' use of marijuana even once or twice in the past 12 months, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent saying none or a few other kids of the same age ${ }^{2}$ use even once or twice |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 \% | $\begin{gathered} \text { Wave } 2 \\ \% \end{gathered}$ | Wave 3 \% | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 74.7 | 76.7 | 73.8 | 80.9 | 75.7 | (73.2,78.1) | 77.3 | (74.4,79.9) | 1.6 | (-1.7,4.8) |
| 14 to 15 | 36.5 | 40.4 | 41.0 | 36.4 | 38.6 | $(34.5,42.8)$ | 38.7 | (34.3,43.3) | 0.2 | $(-6.4,6.7)$ |
| 16 to 18 | 21.5 | 17.4 | 22.4 | 18.2 | 19.5 | $(15.8,23.8)$ | 20.2 | $(15.1,26.5)$ | 0.7 | (-5.1,6.5) |
| 14 to 18 | 29.5 | 30.3 | 32.4 | 27.5 | 29.9 | (26.8,33.1) | 29.9 | (26.2,33.9) | 0.0 | (-4.7,4.8) |
| 12 to 18 | 45.0 | 46.5 | 47.3 | 46.0 | 45.8 | (43.7,48.0) | 46.6 | (43.9,49.3) | 0.8 | (-2.4,4.0) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 48.2 | 50.2 | 53.7 | 49.2 | 49.2 | $(46.0,52.4)$ | 51.4 | $(47.5,55.2)$ | 2.2 | $(-2.8,7.2)$ |
| Females | 41.8 | $42.8$ | 41.0 | 42.5 | 42.3 | (39.7,45.1) | 41.7 | $(38.6,45.0)$ | $-0.6$ | $(-4.6,3.4)$ |
| White | 43.7 | 44.8 | 44.9 | 46.3 | 44.3 | (41.7,46.8) | 45.6 | (42.2,49.0) | 1.3 | (-2.6,5.3) |
| African American | 47.1 | 47.9 | 46.1 | 39.9 | 47.5 | $(42.6,52.5)$ | 43.0 | $(37.9,48.3)$ | $-4.5$ | $(-10.9,1.9)$ |
| Hispanic | 48.0 | 47.6 | 61.6 | 49.5 | 47.8 | $(42.0,53.7)$ | 55.4 | (46.7,63.8) | 7.6 | (-1.0,16.2) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 22.2 | 19.3 | 20.8 | 16.7 | 20.9 | (17.3,25.0) | 18.7 | (14.6,23.7) | -2.2 | (-7.1,2.8) |
| Lower risk | 54.3 | 54.2 | 56.6 | 54.8 | 54.3 | $(51.7,56.8)$ | 55.7 | (52.6,58.8) | 1.4 | $(-2.3,5.1)$ |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 35.3 | 35.7 | 35.0 | 37.2 | 35.5 | (32.3,38.9) | 36.1 | (32.2,40.2) | 0.6 | (-4.3,5.4) |
| Low | 54.3 | 55.0 | 59.6 | 54.0 | 54.7 | (51.8,57.4) | 56.8 | (53.3,60.2) | 2.1 | (-2.0,6.2) |

${ }^{1}$ Nonusers are those who have never used marijuana in the past.
${ }^{2}$ If respondent is currently in school, question wording referred to "kids in your grade at school."

Table 5-9. Nonusers ${ }^{1}{ }^{1}$ attitudes ${ }^{2}$ toward trial marijuana use, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Attitude$1=$ strong pro-drug$7=$ strong anti-drug |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 <br> Mean | Wave 2 <br> Mean | Wave 3 <br> Mean | Wave 4 <br> Mean | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | Est | 95\% CI | Est | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 6.60 | 6.74 | 6.56 | 6.62 | 6.67 | $(6.58,6.76)$ | 6.59 | $(6.49,6.68)$ | -0.08 | $(-0.23,0.06)$ |
| 14 to 15 | 6.41 | 6.52 | 6.52 | 6.45 | 6.47 | $(6.31,6.62)$ | 6.49 | $(6.38,6.59)$ | 0.02 | $(-0.16,0.19)$ |
| 16 to 18 | 6.50 | 6.65 | 6.37 | 6.29 | 6.57 | $(6.44,6.69)$ | 6.33 | $(6.15,6.51)$ | -0.24 | (-0.48,0.00) |
| 14 to 18 | 6.45 | 6.57 | 6.45 | 6.37 | 6.51 | $(6.41,6.61)$ | 6.41 | (6.30,6.52) | -0.10 | $(-0.24,0.03)$ |
| 12 to 18 | 6.51 | 6.63 | 6.49 | 6.46 | 6.57 | $(6.50,6.64)$ | 6.48 | (6.39,6.56) | -0.09 | (-0.20,0.01) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 6.53 | 6.62 | 6.56 | 6.45 | 6.57 | $(6.46,6.69)$ | 6.51 | $(6.38,6.64)$ | -0.07 | $(-0.21,0.07)$ |
| Females | 6.48 | 6.65 | 6.41 | 6.48 | 6.56 | $(6.46,6.66)$ | 6.44 | (6.34,6.54) | -0.12 | (-0.26,0.02) |
| White | 6.60 | 6.61 | 6.58 | 6.51 | 6.61 | $(6.52,6.69)$ | 6.54 | (6.45,6.64) | -0.06 | $(-0.17,0.05)$ |
| African American | 6.34 | 6.57 | 6.30 | 6.42 | 6.45 | $(6.19,6.70)$ | 6.36 | (6.14,6.58) | -0.08 | $(-0.41,0.24)$ |
| Hispanic | 6.28 | 6.74 | 6.45 | 6.33 | 6.51 | (6.31,6.72) | 6.39 | (6.16,6.62) | -0.13 | (-0.43,0.17) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 6.31 | 6.34 | 6.08 | 5.82 | 6.33 | $(6.17,6.48)$ | 5.94 | (5.70,6.19) | -0.38 | * (-0.69,-0.07) |
| Lower risk | 6.59 | 6.69 | 6.60 | 6.67 | 6.64 | (6.54,6.73) | 6.63 | (6.56,6.71) | 0.00 | (-0.13, 0.12$)$ |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 6.34 | 6.55 | 6.27 | 6.06 | 6.45 | (6.34,6.56) | 6.16 | (5.99,6.34) | -0.28 | * (-0.47,-0.10) |
| Low | 6.65 | 6.69 | 6.70 | 6.82 | 6.67 | $(6.58,6.76)$ | 6.76 | (6.68,6.84) | 0.09 | (-0.04,0.22) |

[^27]Table 5-10. Nonusers ${ }^{1}$ beliefs about outcomes ${ }^{2}$ of trial marijuana use, by age, gender, race/ethnicity, risk score, and sensation seeking

| $\underline{\text { Characteristics }}$ | Beliefs about outcomes $-2=$ strong pro-drug $+2=$ strong anti-drug |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 <br> Mean | Wave 2 <br> Mean | $\begin{gathered} \text { Wave } 3 \\ \text { Mean } \\ \hline \end{gathered}$ | Wave 4Mean | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | Est | 95\% CI | Est | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 0.75 | 0.79 | 0.70 | 0.86 | 0.77 | (0.70,0.83) | 0.77 | $(0.70,0.85)$ | 0.01 | $(-0.10,0.11)$ |
| 14 to 15 | 0.71 | 0.75 | 0.79 | 0.80 | 0.73 | (0.63,0.82) | 0.79 | $(0.71,0.88)$ | 0.07 | (-0.04,0.18) |
| 16 to 18 | 0.56 | 0.63 | 0.70 | 0.72 | 0.59 | (0.48,0.71) | 0.71 | $(0.61,0.80)$ | 0.11 | (-0.03,0.26) |
| 14 to 18 | 0.64 | 0.70 | 0.74 | 0.76 | 0.67 | (0.60,0.74) | 0.75 | $(0.68,0.82)$ | 0.08 | $(-0.01,0.17)$ |
| 12 to 18 | 0.68 | 0.73 | 0.73 | 0.79 | 0.71 | (0.66,0.75) | 0.76 | $(0.71,0.81)$ | 0.05 | $(-0.01,0.12)$ |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 0.66 | 0.73 | 0.72 | 0.73 | 0.70 | (0.64,0.76) | 0.73 | $(0.66,0.80)$ | 0.03 | $(-0.06,0.13)$ |
| Females | 0.69 | 0.73 | 0.73 | 0.86 | 0.71 | (0.63,0.79) | 0.79 | (0.72,0.87) | 0.08 | (-0.02,0.18) |
| White | 0.73 | 0.82 | 0.79 | 0.84 | 0.77 | (0.72,0.82) | 0.81 | $(0.75,0.88)$ | 0.04 | (-0.02,0.11) |
| African American | 0.58 | 0.53 | 0.44 | 0.82 | 0.56 | (0.41,0.71) | 0.64 | $(0.50,0.78)$ | 0.08 | (-0.10,0.26) |
| Hispanic | 0.52 | 0.66 | 0.83 | 0.61 | 0.59 | (0.44, 0.74 ) | 0.72 | (0.57,0.86) | 0.13 | $(-0.08,0.35)$ |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 0.45 | 0.47 | 0.44 | 0.46 | 0.46 | (0.37,0.55) | 0.45 | $(0.36,0.55)$ | -0.01 | (-0.14,0.13) |
| Lower risk | 0.78 | 0.78 | 0.82 | 0.93 | 0.78 | (0.73, 0.83 ) | 0.88 | (0.81,0.94) | 0.10 | *(0.02,0.17) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 0.58 | 0.61 | 0.60 | 0.62 | 0.59 | (0.52,0.67) | 0.61 | $(0.54,0.68)$ | 0.02 | (-0.08,0.11) |
| Low | 0.76 | 0.84 | 0.85 | 0.97 | 0.80 | (0.73, 0.87 ) | 0.91 | (0.84,0.98) | 0.11 | * (0.01,0.20) |

${ }^{1}$ Nonusers are those who have never used marijuana in the past.
${ }^{2}$ For youth aged 12 to 18 , average of individual items presented in Table 5-6, with positive outcomes ("Be more relaxed" through "Be like the coolest kids") reverse coded before taking average.

Table 5-11. Nonusers ${ }^{1}{ }^{1}$ perceived parental expectations about trial marijuana use, by age, gender, race/ethnicity, risk score, and sensation seeking

| $\underline{\text { Characteristics }}$ | Percent of youth reporting parents strongly disapprove of trial marijuana use |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 <br> \% | Wave 2 \% | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 95.3 | 95.7 | 98.2 | 93.5 | 95.5 | $(93.3,97.0)$ | 95.9 | (93.2,97.6) | 0.4 | (-2.1,3.0) |
| 14 to 15 | 94.2 | 98.9 | 95.6 | 95.9 | 96.6 | $(93.3,98.3)$ | 95.7 | (93.5,97.2) | -0.9 | (-3.7,2.0) |
| 16 to 18 | 89.0 | 94.0 | 93.4 | 91.0 | 91.2 | $(85.7,94.7)$ | 92.2 | (87.3,95.3) | 1.0 | (-4.0,6.1) |
| 14 to 18 | 91.7 | 96.9 | 94.5 | 93.6 | 94.2 | $(90.8,96.4)$ | 94.0 | $(91.5,95.8)$ | -0.2 | $(-2.9,2.5)$ |
| 12 to 18 | 93.0 | 96.5 | 95.9 | 93.5 | 94.7 | $(92.4,96.3)$ | 94.7 | (93.2,96.0) | 0.1 | $(-1.8,1.9)$ |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 93.0 | 96.8 | 95.7 | 95.6 | 94.8 | $(92.1,96.6)$ | 95.7 | (93.5,97.2) | 0.9 | $(-1.3,3.0)$ |
| Females | 92.9 | 96.2 | 96.1 | 91.5 | 94.5 | $(91.6,96.5)$ | 93.8 | (91.6,95.4) | -0.7 | $(-3.5,2.0)$ |
| White | 94.0 | 96.9 | 97.1 | 95.2 | 95.4 | (92.3,97.3) | 96.1 | (94.5,97.3) | 0.8 | (-1.6,3.1) |
| African American | 89.6 | 95.6 | 92.7 | 90.9 | 92.3 | $(85.5,96.1)$ | 91.8 | (86.0,95.3) | -0.5 | $(-5.5,4.5)$ |
| Hispanic | 91.4 | 94.4 | 94.5 | 87.4 | 92.9 | (87.2,96.2) | 91.1 | (86.0,94.4) | -1.8 | $(-7.3,3.6)$ |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 89.5 | 91.7 | 90.1 | 90.1 | 90.4 | $(84.0,94.4)$ | 90.1 | $(84.3,93.9)$ | -0.3 | $(-6.6,6.0)$ |
| Lower risk | 93.6 | 97.9 | 97.6 | 95.5 | 95.7 | $(93.9,97.0)$ | 96.6 | (95.2,97.6) | 0.8 | $(-0.8,2.5)$ |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 90.8 | 96.2 | 95.0 | 90.8 | 93.5 | (89.2,96.1) | 93.0 | (90.2,95.0) | -0.5 | (-3.8,2.8) |
| Low | 94.6 | 96.5 | 96.9 | 95.7 | 95.5 | (93.1,97.1) | 96.3 | (94.8,97.4) | 0.8 | $(-1.3,2.9)$ |

[^28]Table 5-12. Nonuserss ${ }^{1}$ perceived social expectations about trial marijuana use, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent of youth reporting friends strongly disapprove of trial marijuana use |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 <br> \% | Wave 2 \% | Wave 3 \% | $\begin{gathered} \text { Wave } 4 \\ \% \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 68.5 | 72.6 | 64.9 | 67.5 | 70.5 | (66.8,74.0) | 66.2 | (61.7,70.4) | -4.4 | (-9.9,1.2) |
| 14 to 15 | 55.9 | 55.8 | 54.4 | 59.8 | 55.8 | (49.6,61.9) | 57.2 | (51.3,63.0) | 1.4 | (-7.1,9.9) |
| 16 to 18 | 52.9 | 66.6 | 52.3 | 52.6 | 58.9 | $(52.7,64.9)$ | 52.4 | (46.0,58.8) | -6.5 | $(-14.6,1.6)$ |
| 14 to 18 | 54.4 | 60.2 | 53.3 | 56.4 | 57.2 | (53.1,61.2) | 54.9 | (50.4,59.3) | -2.3 | (-8.5,3.9) |
| 12 to 18 | 59.5 | 64.8 | 57.8 | 60.4 | 62.0 | (59.2,64.8) | 59.1 | (55.8,62.3) | -3.0 | (-7.1,1.2) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 54.9 | 57.0 | 48.1 | 55.8 | 55.9 | (51.7,60.1) | 51.9 | $(47.1,56.6)$ | -4.1 | (-10.5,2.4) |
| Females | 64.2 | 72.4 | 68.0 | 65.1 | 68.2 | (63.7,72.5) | 66.5 | (61.6,71.1) | -1.7 | (-7.8,4.4) |
| White | 61.3 | 65.5 | 59.2 | 64.2 | 63.3 | (59.5,67.0) | 61.7 | (57.9,65.3) | -1.6 | (-6.0,2.8) |
| African American | 51.4 | 56.4 | 45.8 | 40.2 | 53.7 | (45.9,61.2) | 42.8 | $(36.8,49.1)$ | -10.8 | *(-21.2,-0.4) |
| Hispanic | 61.1 | 66.5 | 66.1 | 65.8 | 63.8 | (57.2,70.0) | 66.0 | (58.9,72.4) | 2.1 | (-6.4,10.7) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 37.1 | 36.4 | 36.2 | 39.1 | 36.8 | (31.5,42.4) | 37.6 | $(30.9,44.9)$ | 0.8 | (-7.7,9.4) |
| Lower risk | 67.5 | 70.2 | 64.1 | 68.1 | 68.8 | (65.6,71.8) | 66.1 | (62.7,69.3) | -2.7 | (-6.4,1.1) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 47.6 | 53.4 | 44.3 | 47.3 | 50.4 | (45.9,54.9) | 45.8 | $(41.7,49.9)$ | -4.6 | (-10.2,0.9) |
| Low | 70.8 | 74.8 | 68.7 | 73.1 | 72.7 | (68.7,76.4) | 70.8 | (66.5,74.8) | -1.9 | (-6.9,3.1) |

[^29]Table 5-13. Beliefs about possible outcomes of regular marijuana use by 12 - to 13 -year-old nonusers ${ }^{1}$

| Outcome | Percent holding strong anti-drug outcome beliefs ${ }^{2}$ |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 | Wave 2 | Wave 3 | Wave 4 | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  | \% | \% | \% | \% | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Damage my brain | 58.9 | 63.6 | 57.6 | 65.4 | 61.4 | (57.4,65.2) | 61.7 | $(57.5,65.8)$ | 0.4 | (-4.4,5.1) |
| Mess up my life | 63.9 | 69.7 | 65.0 | 69.4 | 66.9 | (62.6,71.0) | 67.4 | (63.4,71.1) | 0.4 | (-4.2,5.0) |
| Do worse in school | 63.4 | 66.6 | 62.8 | 71.7 | 65.1 | (61.5,68.4) | 67.5 | (63.3,71.4) | 2.4 | (-2.6,7.4) |
| Be acting against my moral beliefs $\qquad$ | 48.2 | 54.3 | 48.8 | 58.9 | 51.3 | (47.7,55.0) | 54.1 | $(50.3,57.9)$ | 2.8 | (-1.7,7.2) |
| Lose my ambition | 44.6 | 51.9 | 49.9 | 54.1 | 48.4 | $(45.0,51.8)$ | 52.1 | (47.9,56.4) | 3.7 | (-1.0,8.5) |
| Lose my friends' respect $\qquad$ | 49.0 | 56.8 | 50.3 | 60.8 | 53.1 | (48.8,57.3) | 55.9 | (51.6,60.1) | 2.8 | (-3.5,9.0) |
| Have a good time with friends $\qquad$ | 48.5 | 55.4 | 53.0 | 55.4 | 52.1 | (47.4,56.7) | 54.3 | (50.0,58.5) | 2.2 | (-2.9,7.3) |
| Be more creative and imaginative $\qquad$ | 61.4 | 62.6 | 63.7 | 66.9 | 62.0 | (57.7,66.1) | 65.4 | (61.5,69.1) | 3.4 | (-1.1,8.0) |

[^30] creative and imaginative") percentages reported are those who answered "Very unlikely."

Table 5-14. Beliefs about possible outcomes of regular marijuana use by 14 - to 18 -year-old nonusers ${ }^{1}$ and occasional users ${ }^{2}$

| Outcome | Percent holding strong anti-drug outcome beliefs ${ }^{3}$ |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 <br> \% | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Damage my brain |  |  |  |  |  |  |  |  |  |  |
| Nonusers | 58.4 | 52.5 | 53.3 | 60.2 | 55.2 | $(50.5,59.9)$ | 56.7 | (52.0,61.3) | 1.5 | (-4.6,7.7) |
| Occasional users | 21.0 | S | 19.6 | 30.4 | 27.8 | (18.8,39.0) | 25.3 | (17.6,35.1) | -2.5 | (-18.1,13.2) |
| Mess up my life |  |  |  |  |  |  |  |  |  |  |
| Nonusers | 57.1 | 60.5 | 60.1 | 64.8 | 58.9 | (53.2,64.4) | 62.5 | (58.0,66.7) | 3.6 | $(-2.5,9.7)$ |
| Occasional users | 10.2 | 21.9 | 15.7 | 24.6 | 16.0 | $(9.5,25.7)$ | 20.5 | $(13.5,29.8)$ | 4.5 | $(-7.5,16.4)$ |
| Do worse in school |  |  |  |  |  |  |  |  |  |  |
| Nonusers | 57.4 | 63.2 | 58.8 | 59.4 | 60.5 | (55.2,65.6) | 59.1 | (54.3,63.7) | -1.4 | (-6.8,4.0) |
| Occasional users | 15.2 | 23.0 | 18.0 | 26.9 | 19.1 | (12.7,27.8) | 22.7 | (15.4,32.2) | 3.6 | (-7.7,15.0) |
| Be acting against my moral beliefs |  |  |  |  |  |  |  |  |  |  |
| Nonusers | 57.6 | 59.6 | 54.9 | 63.4 | 58.7 | (54.2,63.0) | 59.1 | (54.4,63.7) | 0.5 | $(-5.7,6.7)$ |
| Occasional users | 15.7 | 9.6 | 10.2 | S | 12.7 | (7.4,21.0) | 16.0 | (9.0,26.9) | 3.3 | $(-8.5,15.0)$ |
| Lose my ambition |  |  |  |  |  |  |  |  |  |  |
| Nonusers | 44.2 | 43.8 | 41.6 | 46.5 | 44.0 | $(39.5,48.6)$ | 44.1 | $(39.6,48.7)$ | 0.1 | (-5.7,5.9) |
| Occasional users | 13.8 | 6.4 | S | 23.1 | 10.1 | $(5.4,17.9)$ | 18.8 | (11.0,30.0) | 8.7 | (-3.6,20.9) |
| Lose my friends' respect |  |  |  |  |  |  |  |  |  |  |
| Nonusers | 41.2 | 42.7 | 36.6 | 43.3 | 42.0 | (37.6,46.5) | 40.0 | $(35.5,44.6)$ | -2.0 | (-8.2,4.2) |
| Occasional users | 8.4 | 4.9 | S | 12.8 | 6.7 | $(3.6,11.9)$ | 11.5 | $(5.7,21.6)$ | 4.8 | $(-4.5,14.1)$ |
| Have a good time with friends |  |  |  |  |  |  |  |  |  |  |
| Nonusers | 34.7 | 41.0 | 40.0 | 38.0 | 38.0 | $(33.5,42.8)$ | 39.0 | (34.6,43.6) | 1.0 | (-4.9,6.8) |
| Occasional users | 11.9 | S | 15.9 | 11.5 | 10.9 | $(5.3,21.0)$ | 13.7 | (8.0,22.5) | 2.8 | $(-8.5,14.1)$ |
| Be more creative and imaginative |  |  |  |  |  |  |  |  |  |  |
| Nonusers | 52.2 | 56.3 | 52.7 | 48.8 | 54.4 | $(49.5,59.3)$ | 50.8 | $(45.6,55.9)$ | -3.6 | $(-9.5,2.3)$ |
| Occasional users | 22.1 | S | 26.6 | 18.2 | 16.9 | (9.9,27.3) | 22.1 | (14.7,31.7) | 5.2 | $(-7.0,17.3)$ |

[^31]${ }^{2}$ Occasional users are those who have used marijuana 1 to 9 times in the past 12 months.
${ }^{3}$ Percentages displayed for negative outcomes ("Damage brain" through "Lose my friends' respect") are those who answered, "Very likely." For positive outcomes, ("Have a good time with friends," and "Be more creative and imaginative") percentages reported are those who answered "Very unlikely."

Table 5-15. Nonusers ${ }^{1}$ and occasional users ${ }^{2}$ regular marijuana use intentions, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent definitely not intending to use marijuana regularly |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | Wave 3 | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Youth nonusers aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 97.5 | 98.2 | 95.9 | 97.3 | 97.9 | (97.0,98.5) | 96.6 | $(95.3,97.5)$ | -1.3 | *(-2.5,-0.1) |
| 14 to 15 | 94.5 | 96.2 | 95.2 | 94.2 | 95.4 | (93.7,96.6) | 94.7 | $(93.0,96.1)$ | -0.7 | (-2.8,1.4) |
| 16 to 18 | 94.6 | 95.5 | 92.1 | 94.5 | 95.0 | (92.8,96.6) | 93.3 | (90.4,95.4) | -1.7 | (-4.5,1.1) |
| 14 to 18 | 94.5 | 95.9 | 93.8 | 94.4 | 95.2 | (93.9,96.3) | 94.1 | (92.5,95.3) | -1.1 | (-2.8,0.5) |
| 12 to 18 | 95.6 | 96.7 | 94.5 | 95.4 | 96.2 | $(95.3,96.9)$ | 95.0 | (94.0,95.8) | -1.2 | *(-2.3,-0.1) |
| Youth occasional users aged 14 to 18 |  |  |  |  |  |  |  |  |  |  |
| 14 to 18 | 54.8 | 45.5 | 43.8 | 44.1 | 50.4 | (43.2,57.6) | 44.0 | (37.4,50.7) | -6.4 | (-16.0,3.1) |
| Youth nonusers aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 95.6 | 96.4 | 94.6 | 95.4 | 96.0 | $(94.9,96.9)$ | 95.0 | (93.5,96.2) | -1.0 | (-2.5,0.5) |
| Females | 95.6 | 97.0 | 94.5 | 95.4 | 96.3 | (95.0,97.3) | 95.0 | (93.4,96.2) | -1.3 | (-3.2,0.5) |
| White | 95.9 | 97.8 | 94.9 | 96.6 | 96.9 | (95.9,97.6) | 95.7 | (94.4,96.8) | -1.1 | (-2.4,0.2) |
| African American | 96.9 | 96.3 | 95.6 | 94.4 | 96.6 | $(94.6,97.9)$ | 95.0 | $(92.1,96.9)$ | -1.6 | $(-4.3,1.1)$ |
| Hispanic | 93.0 | 93.5 | 95.3 | 91.7 | 93.3 | $(89.1,95.9)$ | 93.4 | (90.2,95.6) | 0.1 | (-3.9,4.1) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 90.1 | 91.3 | 88.4 | 90.0 | 90.7 | (87.0,93.4) | 89.2 | $(85.5,92.1)$ | -1.4 | (-5.9,3.0) |
| Lower risk | 97.7 | 98.6 | 96.5 | 97.5 | 98.2 | (97.4,98.8) | 97.0 | $(96.0,97.7)$ | -1.2 | *(-2.3,-0.2) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 93.1 | 94.5 | 91.6 | 92.7 | 93.8 | (92.0,95.2) | 92.2 | $(90.5,93.6)$ | -1.6 | $(-3.5,0.3)$ |
| Low | 98.0 | 98.7 | 97.6 | 97.8 | 98.4 | $(97.6,98.9)$ | 97.7 | (96.6,98.5) | -0.7 | (-1.7,0.3) |

[^32]Table 5-16. Nonusers ${ }^{1}$ and occasional users ${ }^{\prime 2}$ perceptions of friends' regular use of marijuana in the past 12 months, by age, gender, race/ethnicity, risk, and sensation seeking

| Characteristics | Percent saying none or a few friends use nearly every month |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | Wave 4 <br> \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Youth nonusers aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 94.4 | 95.4 | 94.7 | 94.3 | 94.9 | (93.9,95.7) | 94.5 | (92.8,95.8) | -0.4 | (-2.2,1.4) |
| 14 to 18 | 78.4 | 83.4 | 77.2 | 81.5 | 81.0 | $(78.3,83.4)$ | 79.4 | $(76.8,81.7)$ | -1.6 | (-4.7,1.5) |
| 12 to 18 | 84.1 | 87.7 | 83.5 | 86.2 | 85.9 | $(84.1,87.5)$ | 84.9 | $(83.1,86.5)$ | -1.0 | (-3.1,1.1) |
| Youth occasional users aged 14 to 18 |  |  |  |  |  |  |  |  |  |  |
| 14 to 18 | 31.0 | 31.4 | 41.6 | 32.4 | 31.2 | $(23.0,40.9)$ | 36.7 | (26.8,47.8) | 5.5 | (-8.6,19.5) |
| Youth nonusers aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 83.2 | 89.2 | 84.1 | 84.7 | 86.2 | $(83.6,88.4)$ | 84.4 | (82.0,86.5) | -1.8 | (-4.5,0.8) |
| Females | 85.0 | 86.1 | 83.0 | 87.7 | 85.6 | $(83.3,87.6)$ | 85.4 | (82.5,87.8) | -0.2 | (-3.4,2.9) |
| White | 86.1 | 87.8 | 85.5 | 88.1 | 86.9 | $(84.9,88.7)$ | 86.9 | (84.9,88.6) | -0.1 | (-2.6,2.5) |
| African American | 80.8 | 86.3 | 80.3 | 84.4 | 83.6 | $(78.8,87.4)$ | 82.4 | (76.5,87.0) | -1.2 | (-7.4,5.0) |
| Hispanic | 76.7 | 85.7 | 81.3 | 78.4 | 81.4 | $(76.6,85.5)$ | 79.8 | (73.3,85.0) | -1.6 | (-8.8,5.5) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 68.0 | 72.8 | 67.9 | 71.5 | 70.3 | $(65.4,74.7)$ | 69.7 | (64.9,74.1) | -0.5 | $(-6.5,5.4)$ |
| Lower risk | 90.2 | 92.1 | 88.9 | 91.0 | 91.2 | $(89.3,92.8)$ | 90.0 | (88.1,91.6) | -1.2 | (-3.3,0.9) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 78.8 | 82.4 | 77.7 | 81.6 | 80.5 | (77.7,83.1) | 79.6 | (77.0,82.1) | -0.9 | (-4.7,2.9) |
| Low | 88.8 | 92.3 | 89.4 | 90.2 | 90.6 | $(88.5,92.4)$ | 89.8 | (87.2,91.9) | -0.8 | (-3.6,2.0) |

[^33]Table 5-17. Nonusers ${ }^{1}$ and occasional users ${ }^{\prime 2}$ perceptions of others' regular use of marijuana in the past 12 months, by age, gender, race/ethnicity, risk score, and sensation seeking

${ }^{1}$ Nonusers are those who have never used marijuana in the past.
${ }^{2}$ Occasional users are those who have used marijuana 1 to 9 times in the past 12 months.
${ }^{3}$ If respondent is currently in school, asked about "kids in your grade at school."

Table 5-18. Nonusers ${ }^{1}$ and occasional users ${ }^{\prime 2}$ attitudes regarding regular marijuana use ${ }^{3}$, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Attitude1=strong pro-drug, $7=$ strong anti-drug |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 <br> Mean | Wave 2 <br> Mean | Wave 3 <br> Mean | Wave 4 Mean | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | Est | 95\% CI | Est | 95\% CI | Est | 95\% CI |
| Youth nonusers aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 6.62 | 6.77 | 6.57 | 6.71 | 6.70 | (6.64,6.75) | 6.64 | (6.56,6.72) | -0.05 | $(-0.14,0.04)$ |
| 14 to 18 | 6.45 | 6.54 | 6.42 | 6.48 | 6.50 | $(6.42,6.57)$ | 6.45 | (6.37,6.53) | -0.05 | $(-0.16,0.07)$ |
| 12 to 18 | 6.51 | 6.62 | 6.47 | 6.56 | 6.57 | (6.51,6.62) | 6.52 | (6.46,6.58) | -0.05 | $(-0.13,0.03)$ |
| Youth occasional users aged 14 to 18 |  |  |  |  |  |  |  |  |  |  |
| 14 to 18 | 4.54 | 4.99 | 5.30 | 4.98 | 4.76 | $(4.42,5.10)$ | 5.13 | (4.89,5.36) | 0.37 | $(-0.01,0.75)$ |
| Youth nonusers aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 6.40 | 6.55 | 6.51 | 6.52 | 6.48 | $(6.40,6.56)$ | 6.51 | $(6.43,6.59)$ | 0.03 | (-0.07,0.14) |
| Females | 6.62 | 6.68 | 6.44 | 6.62 | 6.65 | (6.58,6.72) | 6.53 | (6.44,6.61) | -0.13 | *(-0.23,-0.02) |
| White | 6.50 | 6.64 | 6.43 | 6.54 | 6.58 | (6.51,6.64) | 6.49 | (6.40,6.57) | -0.09 | (-0.19,0.02) |
| African American | 6.45 | 6.65 | 6.45 | 6.58 | 6.56 | $(6.44,6.68)$ | 6.52 | (6.32,6.71) | -0.04 | $(-0.26,0.17)$ |
| Hispanic | 6.57 | 6.60 | 6.78 | 6.65 | 6.59 | $(6.45,6.73)$ | 6.71 | (6.61,6.82) | 0.12 | (-0.04,0.29) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 6.16 | 6.32 | 6.16 | 6.20 | 6.24 | (6.10,6.38) | 6.18 | (6.03,6.33) | -0.06 | $(-0.26,0.14)$ |
| Lower risk | 6.62 | 6.74 | 6.62 | 6.65 | 6.69 | (6.64,6.74) | 6.64 | (6.57,6.71) | -0.05 | (-0.14,0.04) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 6.33 | 6.41 | 6.33 | 6.36 | 6.37 | (6.28,6.46) | 6.34 | (6.25,6.44) | -0.02 | $(-0.14,0.10)$ |
| Low | 6.69 | 6.79 | 6.65 | 6.76 | 6.74 | $(6.68,6.81)$ | 6.71 | (6.63,6.78) | -0.04 | (-0.13,0.06) |

[^34]Table 5-19. Nonusers ${ }^{1}$ and occasional users ${ }^{\prime 2}$ beliefs about outcomes regarding regular marijuana use ${ }^{3}$, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Beliefs about outcomes $-2=$ strong pro-drug $+2=$ strong anti-drug |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 <br> Mean | Wave 2 <br> Mean | Wave 3 <br> Mean | Wave 4 <br> Mean | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | Est | 95\% CI | Est | 95\% CI | Est | 95\% CI |
| Youth nonusers aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 1.13 | 1.23 | 1.11 | 1.28 | 1.18 | (1.12,1.25) | 1.20 | (1.14,1.27) | 0.02 | $(-0.06,0.11)$ |
| 14 to 18 | 1.11 | 1.11 | 0.99 | 1.13 | 1.11 | $(1.03,1.19)$ | 1.06 | (0.98,1.14) | -0.05 | (-0.16,0.06) |
| 12 to 18 | 1.12 | 1.15 | 1.03 | 1.19 | 1.13 | (1.07,1.20) | 1.11 | $(1.05,1.17)$ | -0.02 | (-0.10,0.05) |
| Youth occasional users aged 14 to 18 |  |  |  |  |  |  |  |  |  |  |
| 14 to 18 | -0.22 | 0.02 | -0.07 | 0.11 | -0.10 | (-0.28,0.08) | 0.03 | (-0.20,0.25) | 0.13 | $(-0.18,0.44)$ |
| Youth nonusers aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 1.06 | 1.08 | 0.98 | 1.12 | 1.07 | (0.99,1.15) | 1.05 | (0.96,1.14) | -0.02 | (-0.13,0.10) |
| Females | 1.18 | 1.22 | 1.08 | 1.26 | 1.20 | (1.11,1.29) | 1.17 | (1.09,1.25) | -0.03 | (-0.15,0.08) |
| White | 1.17 | 1.25 | 1.08 | 1.25 | 1.21 | $(1.15,1.28)$ | 1.17 | (1.10,1.24) | -0.04 | $(-0.13,0.05)$ |
| African American | 0.94 | 0.90 | 0.84 | 1.08 | 0.92 | (0.79,1.04) | 0.96 | (0.77,1.15) | 0.04 | (-0.17,0.26) |
| Hispanic | 1.04 | S | 1.09 | 0.98 | 1.00 | $(0.75,1.25)$ | 1.03 | (0.84,1.23) | 0.03 | (-0.32,0.38) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 0.91 | 0.95 | 0.86 | 0.96 | 0.93 | (0.81,1.05) | 0.91 | $(0.78,1.04)$ | -0.02 | $(-0.18,0.14)$ |
| Lower risk | 1.22 | 1.23 | 1.12 | 1.26 | 1.22 | $(1.15,1.30)$ | 1.19 | (1.12,1.27) | -0.03 | (-0.13,0.07) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 0.97 | 1.10 | 1.03 | 1.04 | 1.03 | $(0.95,1.12)$ | 1.03 | (0.95,1.12) | 0.00 | (-0.12,0.11) |
| Low | 1.27 | 1.19 | 1.03 | 1.34 | 1.22 | (1.14,1.31) | 1.19 | (1.10,1.29) | -0.03 | (-0.14,0.08) |

[^35]Table 5-20. Nonusers ${ }^{1}$ and occasional users ${ }^{\prime 2}$ perceived parental expectations regarding regular marijuana use, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent of youth reporting parents strongly disapprove of regular marijuana use |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Youth nonusers aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 93.3 | 96.4 | 96.2 | 93.0 | 95.0 | (92.6,96.6) | 94.5 | (92.2,96.2) | -0.4 | (-2.8,1.9) |
| 14 to 18 | 95.6 | 95.3 | 94.3 | 95.5 | 95.5 | $(93.5,96.9)$ | 94.9 | $(92.5,96.6)$ | -0.5 | (-3.3,2.2) |
| 12 to 18 | 94.8 | 95.7 | 95.0 | 94.6 | 95.3 | (93.6,96.6) | 94.8 | (92.9,96.2) | -0.5 | (-2.6,1.6) |
| Youth occasional users aged 14 to 18 |  |  |  |  |  |  |  |  |  |  |
| 14 to 18 | 69.5 | 79.6 | S | 82.3 | 74.5 | (64.3,82.5) | 80.8 | (68.2,89.2) | 6.4 | (-9.0,21.7) |
| Youth nonusers aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 94.8 | 94.6 | 93.2 | 95.7 | 94.7 | (92.6,96.3) | 94.5 | $(91.6,96.5)$ | -0.2 | (-3.3,2.9) |
| Females | 94.8 | 96.8 | 96.6 | 93.4 | 95.9 | (93.6,97.3) | 95.0 | $(92.8,96.6)$ | -0.8 | (-3.1,1.4) |
| White | 97.2 | 96.0 | 96.3 | 96.6 | 96.5 | (94.6,97.8) | 96.5 | $(94.8,97.6)$ | 0.0 | $(-1.9,1.9)$ |
| African American | 85.4 | 92.5 | S | 89.5 | 89.4 | (83.6,93.3) | 90.7 | (82.7,95.2) | 1.3 | (-5.8,8.4) |
| Hispanic | 93.9 | 98.5 | 95.1 | 90.4 | 96.4 | (93.6,98.0) | 92.6 | (87.7,95.6) | -3.8 | (-7.7,0.2) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 91.5 | 94.0 | 96.0 | 96.4 | 92.8 | $(88.1,95.7)$ | 96.2 | $(92.9,98.0)$ | 3.4 | $(-1.1,8.0)$ |
| Lower risk | 95.9 | 96.4 | 94.5 | 94.3 | 96.2 | (94.4,97.4) | 94.4 | (92.0,96.2) | -1.8 | (-4.2,0.6) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 93.4 | 96.3 | 97.3 | 92.9 | 94.8 | $(92.1,96.6)$ | 95.1 | $(92.4,96.9)$ | 0.3 | (-2.9,3.5) |
| Low | 96.4 | 95.7 | 92.3 | 96.5 | 96.0 | (94.2,97.3) | 94.5 | $(91.7,96.4)$ | -1.5 | (-4.3,1.2) |

[^36]Table 5-21. Nonusers ${ }^{1}$ and occasional users ${ }^{\prime 2}$ perceived social expectations regarding regular marijuana use, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent of youth reporting friends strongly disapprove of regular marijuana use |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 \% | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Youth nonusers aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 67.8 | 73.2 | 70.3 | 74.2 | 70.6 | (66.2,74.8) | 72.3 | (68.6,75.8) | 1.7 | (-3.3,6.7) |
| 14 to 18 | 56.0 | 60.1 | 57.6 | 55.4 | 58.2 | $(53.7,62.6)$ | 56.5 | $(52.1,60.8)$ | -1.7 | (-7.6,4.2) |
| 12 to 18 | 60.2 | 64.6 | 62.0 | 62.3 | 62.5 | $(58.9,66.0)$ | 62.1 | (58.7,65.4) | -0.4 | (-4.6,3.8) |
| Youth occasional users aged 14 to 18 |  |  |  |  |  |  |  |  |  |  |
| 14 to 18 | 12.1 | 11.6 | 13.3 | 16.0 | 11.8 | $(6.9,19.6)$ | 14.8 | (8.4,24.7) | 2.9 | (-8.0,13.9) |
| Youth nonusers aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 52.5 | 58.2 | 56.3 | 58.9 | 55.5 | $(50.3,60.6)$ | 57.7 | (53.8,61.5) | 2.2 | (-3.8,8.1) |
| Females | 67.7 | 71.1 | 67.1 | 65.9 | 69.5 | (64.4,74.0) | 66.5 | (61.5,71.2) | -2.9 | (-8.4,2.5) |
| White | 63.0 | 70.0 | 64.7 | 64.4 | 66.6 | (62.0,70.9) | 64.6 | (60.8,68.2) | -2.1 | (-7.2,3.1) |
| African American | 48.6 | 44.3 | 51.2 | 51.5 | 46.3 | $(38.7,53.9)$ | 51.3 | (42.4,60.2) | 5.1 | (-5.5,15.6) |
| Hispanic | 56.3 | 61.7 | 65.2 | 65.0 | 59.2 | $(49.8,68.0)$ | 65.1 | $(56.6,72.8)$ | 5.9 | (-6.4,18.2) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 48.7 | 47.0 | 35.4 | 42.0 | 47.9 | $(40.1,55.8)$ | 38.7 | (32.4,45.4) | -9.2 | *(-18.3,-0.1) |
| Lower risk | 64.2 | 70.0 | 71.2 | 68.4 | 67.3 | $(63.5,71.0)$ | 69.8 | $(65.6,73.7)$ | 2.4 | (-2.4,7.3) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 51.1 | 54.6 | 54.6 | 50.5 | 52.8 | $(47.8,57.8)$ | 52.6 | (47.9,57.2) | -0.3 | (-6.9,6.3) |
| Low | 68.9 | 71.6 | 71.1 | 74.0 | 70.4 | $(66.1,74.5)$ | 72.6 | (67.7,77.0) | 2.2 | (-3.6,7.9) |

[^37]Table 5-22. Disapproval of occasional marijuana use by others, by age, prior use, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent of youth who report strongly disapproving of others' occasional marijuana use |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | Wave 3 \% | $\text { Wave } 4$$\%$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | $\begin{gathered} \text { Change from } \\ \text { Year } 2000 \text { to Year } 2001 \end{gathered}$ |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 61.6 | 66.0 | 64.8 | 65.6 | 63.8 | $(61.3,66.4)$ | 65.2 | (62.3,68.0) | 1.3 | (-1.9,4.6) |
| 14 to 15 | 38.2 | 46.2 | 38.1 | 40.1 | 42.3 | $(38.5,46.1)$ | 39.1 | $(35.6,42.7)$ | -3.2 | (-8.2,1.8) |
| 16 to 18 | 26.5 | 27.1 | 25.1 | 27.3 | 26.8 | $(23.9,30.0)$ | 26.2 | (22.8,30.0) | -0.6 | $(-5.0,3.8)$ |
| 14 to 18 | 31.7 | 35.9 | 31.2 | 32.9 | 33.8 | (31.5,36.2) | 32.0 | (29.4,34.9) | -1.7 | (-5.2,1.7) |
| 12 to 18 | 40.3 | 44.7 | 41.0 | 42.5 | 42.5 | (40.6,44.5) | 41.7 | $(39.5,44.0)$ | -0.8 | (-3.6,2.0) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Nonusers ${ }^{1}$ | 50.1 | 54.8 | 50.0 | 52.4 | 52.5 | (50.2,54.8) | 51.2 | $(48.5,53.9)$ | $-1.3$ | (-4.6,2.0) |
| Occasional Users ${ }^{2}$ | 4.5 | 6.3 | 8.8 | 4.1 | 5.3 | $(3.3,8.5)$ | 6.4 | $(3.3,12.1)$ | 1.1 | (-3.6,5.8) |
| Youth nonusers aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 51.8 | 55.7 | 52.0 | 54.2 | 53.8 | $(50.5,57.0)$ | 53.1 | $(49.4,56.8)$ | -0.6 | (-5.2,4.0) |
| Females | 48.4 | 54.0 | 48.0 | 50.5 | 51.2 | $(48.1,54.3)$ | 49.2 | $(45.9,52.6)$ | -2.0 | (-6.2,2.2) |
| White | 49.3 | 53.8 | 49.7 | 52.0 | 51.5 | (48.8,54.2) | 50.9 | $(47.8,53.9)$ | -0.7 | (-4.6,3.3) |
| African American | 47.9 | 58.5 | 47.9 | 49.8 | 53.3 | $(47.6,58.9)$ | 48.9 | $(42.9,54.9)$ | -4.5 | (-13.1,4.2) |
| Hispanic | 56.4 | 58.0 | 50.1 | 57.5 | 57.2 | (51.8,62.4) | 53.8 | (47.2,60.3) | -3.4 | (-11.1,4.3) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 30.5 | 26.9 | 22.7 | 23.1 | 28.8 | $(24.5,33.6)$ | 22.9 | $(18.6,27.9)$ | -5.9 | (-12.1,0.2) |
| Lower risk | 57.7 | 63.4 | 59.2 | 60.6 | 60.6 | (57.9,63.3) | 59.9 | $(56.7,63.0)$ | -0.7 | (-4.1,2.6) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 35.3 | 38.1 | 33.1 | 37.1 | 36.6 | $(33.6,39.9)$ | 35.1 | $(31.7,38.6)$ | -1.6 | (-5.4,2.2) |
| Low | 64.8 | 67.7 | 67.1 | 66.7 | 66.3 | (63.1,69.3) | 66.9 | (63.5,70.1) | 0.6 | $(-3.6,4.7)$ |

[^38]${ }^{2}$ Occasional users are those who have used marijuana 1 to 9 times in the past 12 months.

Table 5-23. Disapproval of regular marijuana use by others, by age, prior use, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent of youth who report strongly disapproving of others' regular marijuana use |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | Wave 2 <br> \% | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | Wave 4$\%$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 79.0 | 79.5 | 78.8 | 79.5 | 79.3 | (77.1,81.3) | 79.2 | (76.6,81.5) | -0.1 | (-3.2,3.0) |
| 14 to 15 | 58.6 | 65.6 | 60.9 | 60.0 | 62.2 | $(57.5,66.6)$ | 60.5 | (56.2,64.5) | -1.7 | (-7.6,4.2) |
| 16 to 18 | 48.7 | 48.6 | 48.0 | 46.5 | 48.6 | $(44.6,52.7)$ | 47.3 | (43.5,51.0) | -1.4 | $(-6.5,3.7)$ |
| 14 to 18 | 53.1 | 56.4 | 54.1 | 52.4 | 54.7 | $(51.9,57.6)$ | 53.2 | $(50.5,55.9)$ | -1.5 | (-5.0,2.0) |
| 12 to 18 | 60.5 | 63.1 | 61.2 | 60.2 | 61.8 | $(59.6,64.0)$ | 60.7 | (58.4,63.0) | -1.1 | (-3.9,1.7) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Nonusers ${ }^{1}$ | 72.2 | 73.6 | 72.5 | 72.1 | 72.9 | (70.6,75.2) | 72.3 | (69.7,74.8) | -0.6 | (-3.5,2.3) |
| Occasional users ${ }^{2}$ | 17.7 | 24.5 | 26.5 | 19.0 | 21.0 | $(15.5,27.8)$ | 22.7 | (18.2,28.0) | 1.8 | (-5.6,9.1) |
| Youth nonusers aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Male | $71.4$ | $73.3$ | $71.6$ | $72.1$ | $72.4$ | $(69.0,75.5)$ | $71.8$ |  | -0.5 | (-4.8,3.7) |
| Female | 73.1 | $73.9$ | 73.4 | 72.2 | 73.5 | $(70.7,76.1)$ | 72.8 | $(69.7,75.7)$ | -0.7 | (-4.3,3.0) |
| White | 73.8 | 75.9 | 75.9 | 75.1 | 74.8 | (71.9,77.6) | 75.5 | (72.3,78.4) | 0.6 | $(-3.3,4.6)$ |
| African American | 66.8 | $67.5$ | $69.0$ | $64.7$ | $67.1$ | (61.1,72.6) | 66.8 | (60.9,72.3) | -0.3 | $(-8.4,7.8)$ |
| Hispanic | 71.4 | 68.4 | 66.1 | 66.7 | 69.8 | (64.7,74.5) | 66.4 | (60.2,72.1) | -3.4 | (-9.9,3.1) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 54.5 | 53.4 | 55.3 | 48.3 | 54.0 | $(48.6,59.2)$ | 51.7 | (46.0,57.4) | -2.2 | (-9.3,4.8) |
| Lower risk | 78.4 | 80.1 | 78.0 | 79.4 | 79.3 | (76.8,81.6) | 78.7 | (75.7,81.5) | -0.6 | (-3.8,2.7) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 61.9 | 63.7 | 62.1 | 59.7 | 62.8 | $(59.5,65.9)$ | 60.9 | $(57.3,64.4)$ | -1.8 | $(-6.0,2.3)$ |
| Low | 82.4 | 81.7 | 83.5 | 83.9 | 82.0 | (78.7,84.9) | 83.7 | (80.8,86.2) | 1.7 | (-1.6,5.0) |

[^39]${ }^{2}$ Occasional users are those who have used marijuana 1 to 9 times in the past 12 months.

Table 5-24. Perceptions of how much others risk harming themselves if they use marijuana occasionally, by age, prior use, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent saying great risk of harm from occasional use of marijuana |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 44.9 | 45.4 | 45.0 | 44.3 | 45.1 | (42.1,48.1) | 44.7 | (41.5,48.0) | -0.4 | (-4.4,3.6) |
| 14 to 15 | 26.3 | 29.5 | 29.1 | 29.9 | 27.9 | (24.6,31.4) | 29.5 | $(26.1,33.1)$ | 1.6 | (-2.6,5.8) |
| 16 to 18 | 17.7 | 19.5 | 18.0 | 20.5 | 18.6 | $(15.8,21.7)$ | 19.3 | (16.6,22.4) | 0.7 | $(-3.2,4.6)$ |
| 14 to 18 | 21.5 | 24.1 | 23.2 | 24.6 | 22.8 | (20.5,25.3) | 23.9 | (21.6,26.4) | 1.1 | (-2.0,4.3) |
| 12 to 18 | 28.2 | 30.2 | 29.5 | 30.3 | 29.2 | (27.2,31.3) | 29.9 | (27.8,32.0) | 0.7 | (-1.9,3.2) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Nonusers ${ }^{1}$ | 34.7 | 37.2 | 35.8 | 37.1 | 35.9 | (33.6,38.3) | 36.5 | (34.0,39.0) | 0.5 | (-2.6,3.6) |
| Occasional users ${ }^{2}$ | 4.0 | S | 7.8 | 6.3 | 5.1 | (2.1,11.6) | 7.0 | $(3.8,12.6)$ | 1.9 | (-3.5,7.4) |
| Youth nonusers aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Male | 34.2 | 37.3 | 36.3 | 38.3 | 35.8 | (32.6,39.1) | 37.3 | (34.4,40.3) | 1.5 | (-2.6,5.7) |
| Female | 35.2 | 37.0 | 35.3 | 35.9 | 36.1 | (33.1,39.3) | 35.6 | (32.2,39.1) | -0.5 | (-4.9,3.8) |
| White | 34.3 | 37.6 | 34.1 | 36.0 | 35.9 | (33.0,39.0) | 35.1 | (32.3,37.9) | -0.9 | (-4.6,2.9) |
| African American | 36.7 | 29.3 | 40.2 | 37.0 | 32.9 | (27.6,38.6) | 38.6 | $(32.1,45.4)$ | 5.7 | (-2.7,14.1) |
| Hispanic | 35.5 | 43.4 | 39.9 | 40.7 | 39.6 | (34.6,44.9) | 40.3 | (33.7,47.3) | 0.7 | (-7.6,9.0) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 17.4 | 20.2 | 20.3 | 18.8 | 18.7 | (15.3,22.7) | 19.6 | $(15.3,24.7)$ | 0.9 | (-4.9,6.6) |
| Lower risk | 41.7 | 43.6 | 40.5 | 42.7 | 42.7 | (39.6,45.8) | 41.6 | (38.7,44.6) | -1.1 | (-4.9,2.8) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 26.3 | 25.4 | 23.2 | 26.8 | 25.8 | (23.1,28.7) | 25.0 | (22.0,28.3) | -0.9 | (-4.3,2.6) |
| Low | 43.2 | 47.4 | 49.0 | 47.4 | 45.4 | (41.3,49.5) | 48.2 | (44.7,51.6) | 2.8 | (-2.3,7.8) |

[^40]Table 5-25. Perceptions of how much others risk harming themselves if they use marijuana regularly, by age, prior use, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent saying great risk of harm from regular use of marijuana |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 73.0 | 74.5 | 72.7 | 72.9 | 73.8 | (71.0,76.4) | 72.8 | (69.5,75.8) | -1.0 | (-4.6,2.6) |
| 14 to 15 | 63.3 | 59.7 | 60.9 | 60.8 | 61.5 | $(57.5,65.3)$ | 60.9 | (56.9,64.7) | -0.6 | (-5.3,4.2) |
| 16 to 18 | 45.2 | 45.8 | 49.2 | 46.8 | 45.5 | (41.8,49.2) | 47.9 | $(44.2,51.7)$ | 2.4 | (-2.3,7.2) |
| 14 to 18 | 53.2 | 52.2 | 54.7 | 52.9 | 52.7 | $(49.9,55.5)$ | 53.8 | (51.0,56.5) | 1.1 | (-2.4,4.6) |
| 12 to 18 | 58.9 | 58.7 | 59.9 | 58.6 | 58.8 | $(56.5,61.0)$ | 59.3 | (56.9,61.5) | 0.5 | (-2.1,3.0) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Nonusers ${ }^{1}$ | 68.9 | 68.9 | 70.7 | 68.1 | 68.9 | (66.3,71.4) | 69.4 | (66.8,71.9) | 0.5 | (-2.2,3.2) |
| Occasional users ${ }^{2}$ | 24.1 | 23.3 | 27.6 | 34.0 | 23.7 | (19.0,29.2) | 30.9 | (25.0,37.4) | 7.1 | (-1.0,15.2) |
| Youth nonusers aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Male | 65.0 | 67.1 | 66.5 | 67.8 | 66.1 | (63.0,69.0) | 67.1 | (63.5,70.6) | 1.1 | (-3.3,5.4) |
| Female | 72.7 | 70.8 | 74.8 | 68.5 | 71.7 | (68.0,75.2) | 71.7 | (68.2,75.0) | 0.0 | (-3.6,3.6) |
| White | 70.6 | 72.2 | 70.2 | 71.3 | 71.4 | (68.6,74.0) | 70.8 | (67.6,73.7) | -0.6 | (-3.6,2.4) |
| African American | 66.8 | 59.4 | 72.4 | 63.0 | 62.9 | (56.2,69.3) | 67.7 | (61.5,73.3) | 4.7 | $(-3.1,12.5)$ |
| Hispanic | 62.3 | 66.0 | 72.9 | 59.4 | 64.2 | (57.4,70.5) | 65.9 | (60.9,70.6) | 1.7 | (-6.8,10.2) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 53.1 | 55.5 | 57.1 | 50.7 | 54.2 | $(49.3,59.1)$ | 53.9 | (48.5,59.2) | -0.3 | (-7.5,6.9) |
| Lower risk | 75.1 | 73.4 | 74.9 | 74.9 | 74.2 | (71.0,77.2) | 74.9 | (72.0,77.6) | 0.7 | (-2.4,3.8) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 60.1 | 63.4 | 63.2 | 58.7 | 61.7 | $(58.5,64.9)$ | 61.0 | (57.3,64.5) | -0.8 | (-5.4,3.9) |
| Low | 76.6 | 74.1 | 78.7 | 77.9 | 75.3 | (70.7,79.4) | 78.3 | (75.0,81.3) | 3.0 | $(-0.5,6.6)$ |

[^41]Table 5-26. Nonusers ${ }^{1}$ and occasional users ${ }^{\prime 2}$ self-efficacy to refuse marijuana ${ }^{3}$, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Mean score on Self-efficacy to resist use index |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 <br> Mean | Wave 2 <br> Mean | Wave 3 <br> Mean | Wave 4 Mean | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | Est | 95\% CI | Est | 95\% CI | Est | 95\% CI |
| Youth nonusers aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 99.83 | 102.63 | 94.85 | 107.14 | 101.25 | (96.21,106.29) | 100.93 | (95.66,106.19) | -0.32 | (-7.10,6.45) |
| 14 to 15 | 89.21 | 103.32 | 113.84 | 110.01 | 96.55 | (86.79,106.31) | 111.95 | (105.56,118.34) | 15.40 | *(3.14,27.66) |
| 16 to 18 | 112.16 | 109.62 | 92.11 | 124.25 | 110.92 | (102.02,119.82) | 108.73 | (98.17,119.30) | -2.18 | (-15.53,11.16) |
| 14 to 18 | 100.04 | 106.11 | 103.83 | 116.90 | 103.11 | (96.42,109.81) | 110.43 | (104.42,116.44) | 7.32 | (-1.97,16.61) |
| 12 to 18 | 99.96 | 104.88 | 100.56 | 113.44 | 102.45 | (97.62,107.29) | 107.01 | (102.78,111.24) | 4.55 | (-1.69,10.80) |
| Youth occasional users aged 14 to 18 |  |  |  |  |  |  |  |  |  |  |
| 14 to 18 | 19.84 | 29.65 | 41.30 | 52.53 | 24.46 | $(2.23,46.70)$ | 46.82 | (24.73,68.90) | 22.36 | (-5.99,50.70) |
| Youth nonusers aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 91.50 | 103.19 | 104.88 | 109.36 | 97.41 | $(90.98,103.84)$ | 107.17 | (101.78,112.55) | 9.76 | * (1.95,17.57) |
| Females | 108.52 | 106.57 | 96.33 | 117.74 | 107.53 | (100.59,114.47) | 106.85 | (100.44,113.26) | -0.68 | (-9.09,7.72) |
| White | 105.48 | 116.54 | 104.41 | 118.39 | 110.98 | (105.75,116.21) | 111.46 | $(107.28,115.65)$ | 0.48 | (-6.35,7.31) |
| African American | 84.44 | 86.00 | 88.82 | 113.13 | 85.23 | $(73.21,97.25)$ | 101.14 | (88.20,114.09) | 15.91 | (-1.81,33.63) |
| Hispanic | 89.20 | 86.32 | 102.60 | 93.76 | 87.69 | (74.03,101.35) | 98.09 | (83.33,112.84) | 10.40 | (-7.49,28.29) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 81.16 | 109.21 | 70.73 | 97.92 | 94.18 | (83.90,104.46) | 84.46 | $(72.89,96.02)$ | -9.73 | (-24.97,5.52) |
| Lower risk | 107.61 | 105.61 | 110.91 | 121.34 | 106.58 | (101.26,111.89) | 116.16 | (111.90,120.42) | 9.58 | * (2.77, 16.40) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 80.53 | 96.04 | 81.22 | 96.79 | 88.11 | $(80.73,95.49)$ | 88.88 | (82.45,95.30) | 0.76 | (-9.13,10.66) |
| Low | 119.51 | 114.44 | 121.11 | 130.51 | 116.87 | (110.91,122.83) | 125.87 | (120.96,130.77) | 9.00 | * (2.76,15.24) |

[^42]Table 5-27. Nonusers ${ }^{1}$ intentions to use inhalants even once or twice, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent definitely not intending to try inhalants |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | Wave 4$\%$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 95.4 | 95.5 | 94.1 | 94.7 | 95.4 | (94.2,96.5) | 94.4 | $(92.9,95.7)$ | -1.0 | $(-2.8,0.8)$ |
| 14 to 15 | 93.5 | 93.2 | 96.3 | 95.0 | 93.3 | (90.9,95.2) | 95.7 | $(94.3,96.7)$ | 2.4 | (-0.1,4.8) |
| 16 to 18 | 96.5 | 95.9 | 94.8 | 94.7 | 96.2 | (94.5,97.4) | 94.8 | (92.7,96.3) | -1.4 | $(-3.8,0.9)$ |
| 14 to 18 | 95.1 | 94.7 | 95.5 | 94.9 | 94.9 | (93.5,96.0) | 95.2 | $(94.1,96.1)$ | 0.3 | (-1.3,1.9) |
| 12 to 18 | 95.2 | 94.9 | 95.1 | 94.8 | 95.1 | (94.1,95.9) | 95.0 | $(94.1,95.7)$ | -0.1 | (-1.3,1.1) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 95.3 | 96.7 | 95.9 | 95.3 | 96.0 | (94.7,97.0) | 95.6 | (94.4,96.5) | -0.4 | (-2.0,1.1) |
| Females | 95.1 | 93.1 | 94.3 | 94.3 | 94.1 | (92.5,95.4) | 94.3 | (93.0,95.4) | 0.2 | (-1.8,2.2) |
| White | 94.7 | 95.4 | 95.0 | 94.7 | 95.1 | $(93.8,96.1)$ | 94.9 | $(93.8,95.7)$ | -0.2 | (-1.7,1.3) |
| African American | 97.6 | 95.1 | 95.9 | 95.7 | 96.3 | (94.6,97.5) | 95.8 | (93.2,97.5) | -0.5 | (-3.3,2.3) |
| Hispanic | 96.4 | 96.7 | 95.0 | 95.1 | 96.5 | (94.7,97.7) | 95.1 | $(92.6,96.7)$ | -1.5 | (-4.1,1.2) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 94.2 | 91.8 | 93.0 | 92.8 | 93.0 | (90.7,94.8) | 92.9 | (91.0,94.5) | -0.1 | (-2.8,2.6) |
| Lower risk | 95.8 | 96.8 | 96.2 | 96.1 | 96.3 | (95.2,97.2) | 96.2 | $(95.3,96.9)$ | -0.1 | (-1.5,1.2) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 93.4 | 91.4 | 93.0 | 91.8 | 92.4 | (90.9,93.7) | 92.4 | $(90.9,93.6)$ | -0.1 | (-1.9,1.8) |
| Low | 97.5 | 98.8 | 98.1 | 98.4 | 98.2 | (97.3,98.8) | 98.3 | $(97.5,98.8)$ | 0.1 | (-0.9,1.2) |

${ }^{1}$ Nonusers are those who have never used inhalants in the past.

Table 5-28. Nonusers ${ }^{1}$ beliefs about outcomes regarding inhalant use ${ }^{2}$, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Mean score on inhalant beliefs and attitudes index |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 Mean | Wave 2 <br> Mean | Wave 3 <br> Mean | Wave 4 <br> Mean | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001Est $\quad 95 \%$ CI |  |
|  |  |  |  |  |  |  |  |  |  |  |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 116.19 | 118.75 | 117.24 | 118.47 | 117.49 | $(113.20,121.79)$ | 117.85 | $(112.62,123.09)$ | 0.36 | (-5.99,6.71) |
| 14 to 15 | 96.67 | 103.43 | 85.16 | 98.48 | 100.11 | (92.97,107.25) | 91.61 | $(82.39,100.84)$ | -8.50 | (-20.38,3.38) |
| 16 to 18 | 90.27 | 91.14 | 105.62 | 100.32 | 90.70 | (82.31,99.09) | 102.86 | (94.90,110.83) | 12.16 | *(1.55,22.77) |
| 14 to 18 | 93.17 | 96.85 | 95.87 | 99.51 | 95.02 | (89.67,100.38) | 97.70 | $(91.41,103.99)$ | 2.68 | (-4.90,10.26) |
| 12 to 18 | 100.06 | 103.51 | 102.23 | 105.10 | 101.80 | (97.70,105.90) | 103.67 | (98.82,108.53) | 1.87 | (-3.62,7.36) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 97.08 | 106.18 | 103.84 | 109.44 | 101.67 | (95.66,107.68) | 106.67 | (100.06,113.29) | 5.00 | (-3.54,13.55) |
| Females | 103.08 | 100.82 | 100.56 | 100.46 | 101.93 | (96.32,107.54) | 100.51 | $(94.05,106.97)$ | -1.42 | (-8.20,5.36) |
| White | 98.72 | 104.21 | 102.27 | 104.98 | 101.46 | (97.21,105.70) | 103.64 | (97.60,109.68) | 2.18 | (-4.66,9.03) |
| African American | 107.11 | 110.67 | 120.52 | 112.13 | 108.91 | (99.54,118.28) | 116.26 | (107.41,125.11) | 7.35 | (-6.00,20.70) |
| Hispanic | 104.46 | 99.36 | 82.32 | 100.34 | 101.76 | (88.31,115.20) | 91.29 | (75.06,107.52) | -10.47 | (-32.22,11.28) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 75.77 | 72.53 | 82.08 | 78.08 | 74.23 | $(66.60,81.85)$ | 80.06 | (70.65,89.47) | 5.83 | (-4.78,16.44) |
| Lower risk | 117.25 | 120.17 | 110.79 | 120.23 | 118.76 | (114.20,123.32) | 115.58 | (109.84,121.33) | -3.18 | (-9.93,3.58) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 76.11 | 78.79 | 77.02 | 82.58 | 77.43 | (71.47,83.39) | 79.77 | (72.05,87.49) | 2.34 | (-6.01, 10.69) |
| Low | 129.63 | 130.32 | 134.61 | 132.46 | 129.98 | (124.59,135.38) | 133.51 | $(129.28,137.74)$ | 3.53 | (-3.05,10.10) |

${ }^{1}$ Nonusers are those who have never used inhalants in the past.
${ }^{2}$ Measurement of this construct is detailed in Appendix E.

Table 5-29. Nonusers ${ }^{1}$ and occasional users ${ }^{\prime 2}$ disapproval of others' using inhalants even once or twice, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent of youth who report strongly disapproving of others' trial inhalant use |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Youth nonusers aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 73.1 | 74.8 | 74.7 | 75.1 | 73.9 | (71.6,76.2) | 74.9 | (72.5,77.2) | 1.0 | (-2.1,4.0) |
| 14 to 15 | 63.3 | 68.6 | 58.1 | 62.6 | 66.0 | (62.3,69.5) | 60.2 | (56.2,64.2) | -5.8 | *(-11.0,-0.5) |
| 16 to 18 | 59.5 | 59.4 | 68.9 | 64.2 | 59.5 | (55.4,63.4) | 66.5 | (62.5,70.3) | 7.0 | * (1.7,12.3) |
| 14 to 18 | 61.2 | 63.7 | 63.8 | 63.5 | 62.4 | (59.7,65.1) | 63.6 | (60.7,66.5) | 1.2 | (-2.5,4.9) |
| 12 to 18 | 64.8 | 67.1 | 67.0 | 67.0 | 65.9 | (63.7,68.1) | 67.0 | (64.7,69.2) | 1.1 | (-1.6,3.7) |
| Youth occasional users aged 14 to 18 |  |  |  |  |  |  |  |  |  |  |
| 14 to 18 | S | S | S | S | 15.2 | $(6.8,30.6)$ | S | (S) | S | (S) |
| Youth nonusers aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 64.7 | 68.8 | 68.6 | 69.2 | 66.8 | $(63.8,69.7)$ | 68.9 | (65.6,72.0) | 2.1 | (-2.1,6.3) |
| Females | 64.8 | 65.4 | 65.4 | 64.6 | 65.1 | (62.2,67.9) | 65.0 | (62.1,67.8) | -0.1 | (-3.2,3.1) |
| White | 63.1 | 65.7 | 65.1 | 66.1 | 64.4 | (62.1,66.7) | 65.6 | (62.8,68.3) | 1.2 | (-2.2,4.6) |
| African American | 69.6 | 74.5 | 78.6 | 71.7 | 72.1 | (67.1,76.5) | 75.0 | (70.4,79.2) | 3.0 | (-3.0,8.9) |
| Hispanic | 70.2 | 67.5 | 62.3 | 67.5 | 68.8 | (62.4,74.5) | 64.9 | (57.6,71.6) | -3.9 | (-13.0,5.3) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 53.4 | 52.5 | 58.2 | 54.2 | 52.9 | $(49.2,56.7)$ | 56.2 | (52.0,60.3) | 3.3 | $(-2.1,8.6)$ |
| Lower risk | 72.4 | 74.5 | 70.8 | 73.5 | 73.5 | (70.9,76.0) | 72.2 | (69.4,74.8) | -1.3 | (-4.5,1.9) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 53.6 | 55.4 | 56.4 | 56.4 | 54.5 | (51.7,57.2) | 56.4 | $(53.1,59.6)$ | 1.9 | (-2.0,5.8) |
| Low | 78.0 | 79.3 | 80.4 | 79.4 | 78.7 | (75.2,81.8) | 79.9 | (77.3,82.3) | 1.2 | (-2.0,4.4) |

[^43]Table 5-30. Nonusers ${ }^{1}$ and occasional users ${ }^{\prime 2}$ disapproval of others' regular inhalant use, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent of youth who report strongly disapproving of others' regular inhalant use |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 <br> \% | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | Wave 4$\%$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Youth nonusers aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 85.2 | 85.5 | 84.0 | 83.3 | 85.4 | (83.4,87.1) | 83.6 | (81.3,85.7) | -1.7 | (-4.6,1.2) |
| 14 to 15 | 77.1 | 82.8 | 75.7 | 78.1 | 80.0 | (77.0,82.7) | 76.9 | (72.8,80.5) | -3.1 | (-7.8,1.5) |
| 16 to 18 | 78.3 | 80.7 | 80.4 | 81.9 | 79.5 | (75.8,82.8) | 81.2 | (77.4,84.5) | 1.7 | (-3.1,6.4) |
| 14 to 18 | 77.8 | 81.7 | 78.2 | 80.3 | 79.7 | (77.2,82.1) | 79.2 | $(76.5,81.7)$ | -0.5 | (-3.7,2.7) |
| 12 to 18 | 80.0 | 82.8 | 79.9 | 81.1 | 81.4 | (79.4,83.3) | 80.5 | (78.3,82.6) | -0.9 | (-3.4,1.6) |
| Youth occasional users aged 14 to 18 |  |  |  |  |  |  |  |  |  |  |
| 14 to 18 | S | S | S | S | 24.1 | (13.2,39.8) | S | (S) | S | (S) |
| Youth nonusers aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 78.1 | 83.4 | 78.9 | 81.4 | 80.8 | (78.2,83.2) | 80.2 | $(77.1,82.9)$ | -0.6 | (-4.0,2.8) |
| Females | 81.9 | 82.2 | 80.9 | 80.9 | 82.1 | (79.6,84.3) | 80.9 | (78.1,83.4) | -1.2 | (-4.2,1.8) |
| White | 81.2 | 84.7 | 82.8 | 83.7 | 82.9 | (81.1,84.6) | 83.3 | (81.0,85.3) | 0.3 | (-2.3,3.0) |
| African American | 75.4 | 82.6 | 79.8 | 77.5 | 79.1 | (74.5,83.0) | 78.6 | $(73.7,82.8)$ | -0.5 | (-6.2,5.2) |
| Hispanic | 81.4 | 78.5 | 69.3 | 74.3 | 79.9 | (74.1,84.6) | 71.8 | (64.8,77.9) | -8.0 | (-17.4,1.3) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 72.6 | 76.5 | 74.4 | 73.2 | 74.4 | (71.0,77.6) | 73.8 | (69.5,77.7) | -0.6 | (-5.0,3.7) |
| Lower risk | 85.1 | 86.6 | 82.2 | 85.4 | 85.9 | (83.9,87.6) | 83.8 | (81.3,86.0) | -2.1 | (-4.8,0.6) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 74.1 | 76.7 | 72.8 | 74.5 | 75.4 | (72.7,77.9) | 73.6 | (70.5,76.6) | -1.7 | (-5.3,1.9) |
| Low | 87.1 | 88.9 | 89.1 | 89.1 | 88.0 | (85.7,90.1) | 89.1 | (86.9,90.9) | 1.0 | (-1.7,3.8) |

[^44]Table 5-31. Nonusers ${ }^{1}$ and occasional users ${ }^{\prime 2}$ perceptions of how much others risk harming themselves if they use inhalants even once or twice, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent saying great risk of harm from trial use of inhalants |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Youth nonusers aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 49.9 | 45.8 | 49.6 | 49.7 | 47.9 | $(45.4,50.4)$ | 49.7 | (46.4,52.9) | 1.8 | (-2.2,5.8) |
| 14 to 15 | 47.8 | 46.7 | 45.6 | 51.8 | 47.3 | $(43.8,50.8)$ | 48.6 | (45.1,52.0) | 1.3 | (-4.0,6.6) |
| 16 to 18 | 50.4 | 47.2 | 49.4 | 50.3 | 48.8 | $(45.0,52.6)$ | 49.9 | (46.2,53.6) | 1.1 | (-4.3,6.5) |
| 14 to 18 | 49.2 | 47.0 | 47.6 | 50.9 | 48.1 | $(45.4,50.8)$ | 49.3 | (46.8,51.8) | 1.2 | (-2.7,5.1) |
| 12 to 18 | 49.4 | 46.6 | 48.2 | 50.6 | 48.0 | (46.0,50.1) | 49.4 | (47.3,51.5) | 1.4 | (-1.7,4.4) |
| Youth occasional users aged 14 to 18 |  |  |  |  |  |  |  |  |  |  |
| 14 to 18 | S | S | S | S | 15.6 | (7.4,30.1) | S | (S) | S | (S) |
| Youth nonusers aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 48.1 | 46.4 | 49.1 | 52.0 | 47.3 | (44.4,50.1) | 50.6 | $(47.5,53.7)$ | 3.3 | (-1.0,7.6) |
| Females | 50.8 | 46.8 | 47.3 | 49.0 | 48.8 | (46.0,51.6) | 48.2 | (45.0,51.3) | -0.6 | (-4.5,3.2) |
| White | 49.3 | 45.8 | 48.7 | 48.5 | 47.5 | $(45.1,49.9)$ | 48.6 | (45.9,51.3) | 1.1 | (-2.4,4.6) |
| African American | 52.2 | 46.5 | 55.0 | 54.5 | 49.3 | $(44.3,54.4)$ | 54.8 | (49.0,60.4) | 5.4 | $(-3.1,13.9)$ |
| Hispanic | 51.6 | 52.0 | 40.3 | 58.1 | 51.8 | $(46.8,56.7)$ | 49.1 | (43.4,54.8) | -2.7 | (-9.7,4.4) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 48.4 | 42.7 | 46.7 | 48.6 | 45.7 | (41.4,50.1) | 47.7 | $(43.6,51.7)$ | 2.0 | (-3.9,7.8) |
| Lower risk | 50.8 | 49.2 | 48.1 | 51.2 | 50.0 | (47.4,52.6) | 49.6 | (46.9,52.4) | -0.3 | (-4.1,3.5) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 43.6 | 39.4 | 40.4 | 45.9 | 41.5 | $(38.7,44.5)$ | 43.1 | (40.1,46.2) | 1.6 | (-1.9,5.1) |
| Low | 56.5 | 55.0 | 58.4 | 56.7 | 55.8 | (52.8,58.6) | 57.6 | (54.6,60.5) | 1.8 | (-3.0,6.6) |

[^45]Table 5-32. Nonusers ${ }^{1}$ and occasional users ${ }^{\prime 2}$ perceptions of how much others risk harming themselves if they use inhalants regularly, by age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent saying great risk of harm from regular use of inhalants |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Youth nonusers aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 81.4 | 81.1 | 79.6 | 81.4 | 81.2 | (79.0,83.3) | 80.5 | (78.0,82.8) | -0.7 | (-3.6,2.1) |
| 14 to 15 | 84.3 | 81.7 | 84.0 | 83.5 | 83.0 | (79.7,85.9) | 83.8 | $(81.1,86.1)$ | 0.7 | (-3.5,5.0) |
| 16 to 18 | 84.9 | 84.3 | 87.1 | 85.7 | 84.6 | (81.1,87.5) | 86.4 | (84.2,88.3) | 1.8 | (-1.8,5.5) |
| 14 to 18 | 84.6 | 83.1 | 85.7 | 84.7 | 83.9 | (81.8,85.7) | 85.2 | $(83.5,86.7)$ | 1.3 | (-1.1,3.8) |
| 12 to 18 | 83.7 | 82.5 | 83.8 | 83.8 | 83.1 | (81.6,84.4) | 83.8 | (82.6,85.0) | 0.7 | (-0.9,2.4) |
| Youth occasional users aged 14 to 18 |  |  |  |  |  |  |  |  |  |  |
| 14 to 18 | S | S | S | S | S | (S) | S | (S) | S | (S) |
| Youth nonusers aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 81.7 | 82.5 | 82.8 | 83.3 | 82.1 | (79.7,84.3) | 83.0 | $(81.0,84.9)$ | 0.9 | (-2.3,4.1) |
| Females | 85.6 | 82.4 | 85.0 | 84.3 | 84.0 | (81.6,86.1) | 84.6 | (82.6,86.5) | 0.6 | (-1.6,2.9) |
| White | 86.3 | 86.5 | 86.7 | 86.3 | 86.4 | (84.6,88.0) | 86.5 | (84.9,87.9) | 0.1 | (-2.0,2.2) |
| African American | 77.8 | 74.4 | 76.0 | 79.4 | 76.0 | (71.6,80.0) | 77.7 | (72.5,82.2) | 1.7 | (-4.3,7.7) |
| Hispanic | 77.7 | 77.2 | 80.2 | 76.8 | 77.4 | (72.9,81.5) | 78.5 | (75.1,81.5) | 1.1 | (-4.4,6.5) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 84.3 | 83.6 | 83.6 | 84.4 | 84.0 | (80.6,86.8) | 84.0 | (81.4,86.3) | 0.0 | (-3.8,3.9) |
| Lower risk | 83.9 | 81.5 | 83.4 | 84.1 | 82.7 | (80.6,84.6) | 83.8 | (82.0,85.4) | 1.1 | (-1.3,3.4) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 82.3 | 81.9 | 82.4 | 82.5 | 82.1 | (79.4,84.5) | 82.4 | $(80.3,84.4)$ | 0.4 | (-2.4,3.2) |
| Low | 85.5 | 83.0 | 86.1 | 86.2 | 84.2 | (81.6,86.5) | 86.2 | $(84.2,87.9)$ | 2.0 | (-0.7,4.6) |

${ }^{1}$ Nonusers are those who have never used inhalants in the past.
${ }^{2}$ Occasional users are those who have used inhalants 1 to 9 times in the past 12 months.

Table 5-33. The relationship between exposure to general anti-drug advertising and nonusing youths' intentions to not use marijuana, by age, gender, race/ethnicity, risk score, and sensation seeking

November 1999 through December 2001


Table 5-33. The relationship between exposure to general anti-drug advertising and nonusing youths' intentions to not use marijuana, by age, gender, race/ethnicity, risk score, and sensation seeking (continued)

November 1999 through December 2001


[^46]Table 5-34. The relationship between exposure to specific anti-drug advertising and nonusing youths' intentions to not use marijuana, by age, gender, race/ethnicity, risk score, and sensation seeking

November 1999 through December 2001

| $\underline{\text { Characteristics }}$ | Percent of youth reporting each exposure level |  |  |  |  |  | Significance level of monotone dose-response relationship, if $\mathrm{p}<.05$ | Spearman's rho (rank order correlation) | Potential maximum Campaign effect (C5-C2) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Actual <br> during <br> period <br> (C1) | Less than 1 time per month (C2) | 1-3 times per month (C3) | 4-11 times per month (C4) | 12 or more times per month (C5) | Direct Campaign effect (C1-C2) |  |  |  |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |
| 12 to 13 | $\begin{array}{r} 91.6 \\ (90.4,92.8) \end{array}$ | $\begin{array}{r} 90.5 \\ (86.6,94.5) \end{array}$ | $\begin{array}{r} 91.6 \\ (89.2,93.9) \end{array}$ | $\begin{array}{r} 91.2 \\ (89.4,92.9) \end{array}$ | $\begin{array}{r} 91.6 \\ (88.9,94.3) \end{array}$ | $\begin{array}{r} 1.1 \\ (-2.3,4.4) \end{array}$ |  | 0.01 | $\begin{array}{r} 1.0 \\ (-3.8,5.8) \end{array}$ |
| 14 to 18 | $\begin{array}{r} 84.2 \\ (82.5,85.8) \end{array}$ | $\begin{array}{r} 84.9 \\ (80.7,89.1) \end{array}$ | $\begin{array}{r} 84.9 \\ (82.3,87.4) \end{array}$ | $\begin{array}{r} 83.1 \\ (80.2,86.0) \end{array}$ | $\begin{array}{r} 83.2 \\ (73.8,92.7) \end{array}$ | $\begin{array}{r} -0.7 \\ (-4.5,3.0) \end{array}$ |  | -0.02 | $\begin{array}{r} -1.7 \\ (-12.1,8.7) \end{array}$ |
| 12 to 18 | $\begin{array}{r} 86.8 \\ (85.7,88.0) \end{array}$ | $\begin{array}{r} 86.8 \\ (83.7,89.9) \end{array}$ | $\begin{array}{r} 87.2 \\ (85.3,89.2) \end{array}$ | $\begin{array}{r} 86.1 \\ (84.1,88.0) \end{array}$ | $\begin{array}{r} 86.5 \\ (80.2,92.7) \end{array}$ | $\begin{array}{r} 0.0 \\ (-2.6,2.7) \end{array}$ |  | -0.01 | $\begin{array}{r} -0.3 \\ (-7.3,6.7) \end{array}$ |
| Youth aged 12 to 18 <br> Male $\qquad$ | $\begin{array}{r} 86.8 \\ (85.1,88.5) \end{array}$ | $\begin{array}{r} 85.1 \\ (81.1,89.1) \end{array}$ | $\begin{array}{r} 87.6 \\ (84.4,90.8) \end{array}$ | $\begin{array}{r} 87.3 \\ (84.7,89.8) \end{array}$ | $\begin{array}{r} 83.6 \\ (72.7,94.4) \end{array}$ | $\begin{array}{r} 1.7 \\ (-2.0,5.4) \end{array}$ |  | -0.02 | $\begin{array}{r} -1.5 \\ (-12.9,9.8) \end{array}$ |
| Female | $\begin{array}{r} 86.9 \\ (85.3,88.5) \end{array}$ | $\begin{array}{r} 88.6 \\ (84.0,93.1) \end{array}$ | $\begin{array}{r} 86.9 \\ (84.4,89.4) \end{array}$ | $\begin{array}{r} 84.9 \\ (81.8,87.9) \end{array}$ | $\begin{array}{r} 89.4 \\ (84.0,94.8) \end{array}$ | $\begin{array}{r} -1.7 \\ (-5.7,2.3) \end{array}$ |  | 0.00 | $\begin{array}{r} 0.8 \\ (-5.8,7.5) \end{array}$ |
| White | $\begin{array}{r} 87.0 \\ (85.5,88.4) \end{array}$ | $\begin{array}{r} 87.1 \\ (83.4,90.7) \end{array}$ | $\begin{array}{r} 86.8 \\ (84.3,89.3) \end{array}$ | $\begin{array}{r} 86.3 \\ (83.8,88.7) \end{array}$ | $\begin{array}{r} 86.4 \\ (77.5,95.2) \end{array}$ | $\begin{array}{r} -0.1 \\ (-3.2,3.0) \end{array}$ |  | -0.01 | $\begin{array}{r} -0.7 \\ (-10.5,9.1) \end{array}$ |
| African American | $\begin{array}{r} 86.2 \\ (83.7,88.8) \end{array}$ | $\begin{array}{r} 88.5 \\ (79.7,97.2) \end{array}$ | $\begin{array}{r} 91.2 \\ (86.7,95.8) \end{array}$ | $\begin{array}{r} 83.4 \\ (79.1,87.6) \end{array}$ | $\begin{array}{r} 84.9 \\ (75.4,94.4) \end{array}$ | $\begin{array}{r} -2.2 \\ (-9.9,5.5) \end{array}$ |  | -0.06 | $\begin{array}{r} -3.6 \\ (-18.0,10.8) \end{array}$ |
| Hispanic | $\begin{array}{r} 87.3 \\ (84.3,90.3) \end{array}$ | $\begin{array}{r} 81.7 \\ (75.3,88.0) \end{array}$ | $\begin{array}{r} 87.1 \\ (82.0,92.2) \end{array}$ | $\begin{array}{r} 88.0 \\ (83.2,92.9) \end{array}$ | $\begin{array}{r} 89.2 \\ (82.4,96.0) \end{array}$ | $\begin{array}{r} 5.7 \\ (-0.4,11.8) \end{array}$ |  | 0.07 | $\begin{array}{r} 7.6 \\ (-1.5,16.6) \end{array}$ |

Table 5-34. The relationship between exposure to specific anti-drug advertising and nonusing youths' intentions to not use marijuana, by age, gender, race/ethnicity, risk score, and sensation seeking (continued)

November 1999 through December 2001

| $\underline{\text { Characteristics }}$ | Percent of youth reporting each exposure level |  |  |  |  |  | Significance level of monotone dose-response relationship, if $\mathbf{p}<.05$ | Spearman's rho (rank order correlation) | Potential maximum <br> Campaign effect (C5-C2) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Actual <br> during <br> period <br> (C1) | Less than 1 time per month (C2) | 1-3 times per month <br> (C3) | 4-11 times per month (C4) | 12 or more times per month (C5) | Direct Campaign effect (C1-C2) |  |  |  |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |
| Risk score |  |  |  |  |  |  |  |  |  |
| Higher risk | $\begin{array}{r} 72.6 \\ (69.2,76.0) \end{array}$ | $\begin{array}{r} 74.4 \\ (67.1,81.6) \end{array}$ | $\begin{array}{r} 75.8 \\ (70.8,80.7) \end{array}$ | $\begin{array}{r} 70.0 \\ (64.0,75.9) \end{array}$ | $\begin{array}{r} \mathrm{S} \\ (\mathrm{~S}) \end{array}$ | $\begin{array}{r} -1.8 \\ (-7.8,4.3) \end{array}$ |  | -0.03 | $\begin{array}{r} \mathrm{S} \\ (\mathrm{~S}) \end{array}$ |
| Lower risk | $\begin{array}{r} 91.8 \\ (90.7,93.0) \end{array}$ | $\begin{array}{r} 91.8 \\ (87.9,95.7) \end{array}$ | $\begin{array}{r} 91.3 \\ (89.1,93.6) \end{array}$ | $\begin{array}{r} 91.9 \\ (90.1,93.7) \end{array}$ | $\begin{array}{r} 91.5 \\ (88.8,94.1) \end{array}$ | $\begin{array}{r} 0.1 \\ (-3.4,3.5) \end{array}$ |  | 0.00 | $\begin{array}{r} -0.3 \\ (-5.0,4.4) \end{array}$ |
| Sensation seeking High $\qquad$ | $\begin{array}{r} 79.7 \\ (77.7,81.6) \end{array}$ | $\begin{array}{r} 80.6 \\ (75.2,86.1) \end{array}$ | $\begin{array}{r} 80.4 \\ (77.3,83.4) \end{array}$ | $\begin{array}{r} 79.0 \\ (75.8,82.2) \end{array}$ | $\begin{array}{r} 77.2 \\ (66.0,88.4) \end{array}$ | $\begin{array}{r} -1.0 \\ (-5.7,3.7) \end{array}$ |  | -0.03 | $\begin{array}{r} -3.5 \\ (-15.6,8.7) \end{array}$ |
| Low | $\begin{array}{r} 93.7 \\ (92.4,95.1) \end{array}$ | $\begin{array}{r} 91.9 \\ (88.9,95.0) \end{array}$ | $\begin{array}{r} 94.2 \\ (91.9,96.4) \end{array}$ | $\begin{array}{r} 93.4 \\ (91.3,95.6) \end{array}$ | $\begin{array}{r} 95.1 \\ (92.3,98.0) \end{array}$ | $\begin{array}{r} 1.8 \\ (-0.9,4.5) \end{array}$ |  | 0.04 | $\begin{array}{r} 3.2 \\ (-0.9,7.3) \end{array}$ |

[^47]Table 5-35. The relationship between exposure to general anti-drug advertising and nonusing youths' personal anti-marijuana beliefs and attitudes ${ }^{1}$, by age, gender, race/ethnicity, risk score, and sensation seeking

November 1999 through December 2001

| Characteristics | Exposure level of youth (real or hypothetical) |  |  |  | DirectCampaigneffect(C1-C2) | $\begin{gathered} \text { Significance } \\ \text { level } \\ \text { of monotone } \\ \text { dose-response } \\ \text { relationship, } \\ \text { if } \mathrm{p}<.05 \\ \hline \end{gathered}$ | Spearman's rho (rank order correlation) | Potential maximum <br> Campaign effect (C4-C2) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Actual during period (C1) | Less than 4 times per month (C2) | 4-11 times per month (C3) | 12 or more times per month (C4) |  |  |  |  |
| All youth aged 12 to 18 12 to 13 $\qquad$ |  |  |  |  |  |  |  |  |
|  | $\begin{array}{r} 125.82 \\ (121.29,130.34) \end{array}$ | $\begin{array}{r} 126.24 \\ (118.87,133.61) \end{array}$ | $\begin{array}{r} 124.94 \\ (115.59,134.29) \end{array}$ | $\begin{array}{r} 126.41 \\ (120.42,132.41) \end{array}$ | $\begin{array}{r} -0.43 \\ (-7.52,6.67) \end{array}$ |  | 0.02 | $\begin{array}{r} 0.17 \\ (-9.74,10.08) \end{array}$ |
| 14 to 18 | $\begin{array}{r} 95.26 \\ (90.12,100.41) \end{array}$ | $\begin{array}{r} 97.37 \\ (85.62,109.11) \end{array}$ | $\begin{array}{r} 94.26 \\ (85.74,102.78) \end{array}$ | $\begin{array}{r} 95.32 \\ (88.23,102.41) \end{array}$ | $\begin{array}{r} -2.10 \\ (-13.09,8.88) \end{array}$ |  | -0.01 | $\begin{array}{r} -2.05 \\ (-16.06,11.97) \end{array}$ |
| 12 to 18 | $\begin{array}{r} 106.14 \\ (102.09,110.19) \end{array}$ | $\begin{array}{r} 107.71 \\ (99.71,115.71) \end{array}$ | $\begin{array}{r} 104.93 \\ (97.91,111.94) \end{array}$ | $\begin{array}{r} 106.48 \\ (100.96,112.00) \end{array}$ | $\begin{array}{r} -1.57 \\ (-9.58,6.44) \end{array}$ |  | 0.00 | $\begin{array}{r} -1.23 \\ (-11.54,9.09) \end{array}$ |
| Youth aged 12 to 18Male |  |  |  |  |  |  |  |  |
|  | $\begin{array}{r} 102.58 \\ (97.44,107.73) \end{array}$ | $\begin{array}{r} 105.14 \\ (94.08,116.19) \end{array}$ | $\begin{array}{r} 100.75 \\ (91.65,109.84) \end{array}$ | $\begin{array}{r} 103.71 \\ (96.62,110.80) \end{array}$ | $\begin{array}{r} -2.55 \\ (-12.55,7.44) \end{array}$ |  | 0.00 | $\begin{array}{r} -1.42 \\ (-14.77,11.92) \end{array}$ |
| Female | $\begin{array}{r} 109.71 \\ (104.30,115.12) \end{array}$ | $\begin{array}{r} 110.30 \\ (99.47,121.13) \end{array}$ | $\begin{array}{r} 109.12 \\ (98.03,120.20) \end{array}$ | $\begin{array}{r} 109.18 \\ (101.96,116.40) \end{array}$ | $\begin{array}{r} -0.59 \\ (-11.25,10.06) \end{array}$ |  | 0.00 | $\begin{array}{r} -1.12 \\ (-14.03,11.79) \end{array}$ |
| White | $\begin{array}{r} 108.82 \\ (103.92,113.72) \end{array}$ | $\begin{array}{r} 109.64 \\ (98.85,120.43) \end{array}$ | $\begin{array}{r} 110.34 \\ (101.36,119.33) \end{array}$ | $\begin{array}{r} 108.17 \\ (101.42,114.91) \end{array}$ | $\begin{array}{r} -0.82 \\ (-11.33,9.69) \end{array}$ |  | -0.01 | $\begin{array}{r} -1.48 \\ (-15.25,12.30) \end{array}$ |
| African American | $\begin{array}{r} 98.30 \\ (89.66,106.94) \end{array}$ | $\begin{array}{r} 100.74 \\ (80.61,120.87) \end{array}$ | $\begin{array}{r} 88.48 \\ (72.96,103.99) \end{array}$ | $\begin{array}{r} 100.44 \\ (90.67,110.22) \end{array}$ | $\begin{array}{r} -2.44 \\ (-20.14,15.26) \end{array}$ |  | 0.01 | $\begin{array}{r} -0.30 \\ (-21.69,21.09) \end{array}$ |
| Hispanic | $\begin{array}{r} 106.00 \\ (97.58,114.42) \end{array}$ | $\begin{array}{r} 105.86 \\ (93.71,118.01) \end{array}$ | $\begin{array}{r} 111.56 \\ (95.86,127.25) \end{array}$ | $\begin{array}{r} 106.86 \\ (93.94,119.77) \end{array}$ | $\begin{array}{r} 0.14 \\ (-11.42,11.70) \end{array}$ |  | 0.04 | $\begin{array}{r} 1.00 \\ (-16.27,18.27) \end{array}$ |

Table 5-35. The relationship between exposure to general anti-drug advertising and nonusing youths' personal anti-marijuana beliefs and attitudes ${ }^{1}$, by age, gender, race/ethnicity, risk score, and sensation seeking (continued)

November 1999 through December 2001

${ }^{1}$ See Table 5-2 for full distribution. It is based on a combined index of beliefs and attitudes toward trial and regular marijuana use, as described in Appendix E.
NOTE: Direct campaign effects are estimated by comparing mean cognitive outcomes observed (C1) to projections of what those means would have been in the absence of the Media Campaign (C2).

Table 5-36. The relationship between exposure to specific anti-drug advertising and personal anti-marijuana beliefs and attitudes ${ }^{1}$ among nonusing youth, by age, gender, race/ethnicity, risk score, and sensation seeking

November 1999 through December 2001

| Characteristics | Exposure level of youth (real or hypothetical) |  |  |  |  |  | Significance level of monotone dose-response relationship, if $\mathrm{p}<.05$ | Spearman's rho (rank order correlation) | Potential maximum Campaign effect (C5-C2) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Actual during period (C1) | Less than 1 time per month (C2) | 1-3 times per month (C3) | 4-11 times per month (C4) | 12 or more times per month (C5) | Direct Campaign effect (C1-C2) |  |  |  |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |
| 12 to 13 | $\begin{array}{r} 125.82 \\ (121.29,130.34) \end{array}$ | $\begin{array}{r} 119.13 \\ (107.19,131.08) \end{array}$ | $\begin{array}{r} 127.12 \\ (120.00,134.23) \end{array}$ | $\begin{array}{r} 125.22 \\ (118.77,131.67) \end{array}$ | $\begin{array}{r} 124.00 \\ (110.66,137.33) \end{array}$ | $\begin{array}{r} 6.68 \\ (-3.44,16.81) \end{array}$ |  | 0.02 | $\begin{array}{r} 4.86 \\ (-10.90,20.63) \end{array}$ |
| 14 to 18 | $\begin{array}{r} 95.26 \\ (90.12,100.41) \end{array}$ | $\begin{array}{r} 104.04 \\ (94.21,113.88) \end{array}$ | $\begin{array}{r} 96.80 \\ (87.67,105.94) \end{array}$ | $\begin{array}{r} 87.47 \\ (79.35,95.59) \end{array}$ | $\begin{array}{r} 93.67 \\ (76.19,111.15) \end{array}$ | $\begin{array}{r} -8.78 \\ (-18.37,0.81) \end{array}$ |  | -0.05 | $\begin{array}{r} -10.37 \\ (-30.84,10.09) \end{array}$ |
| 12 to 18 | $\begin{array}{r} 106.14 \\ (102.09,110.19) \end{array}$ | $\begin{array}{r} 109.09 \\ (101.18,116.99) \end{array}$ | $\begin{array}{r} 107.46 \\ (100.64,114.29) \end{array}$ | $\begin{array}{r} 101.28 \\ (95.10,107.46) \end{array}$ | $\begin{array}{r} 105.25 \\ (91.50,118.99) \end{array}$ | $\begin{array}{r} -2.95 \\ (-10.18,4.28) \end{array}$ |  | -0.02 | $\begin{array}{r} -3.84 \\ (-18.94,11.25) \end{array}$ |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |
| Male | $\begin{array}{r} 102.58 \\ (97.44,107.73) \end{array}$ | $\begin{array}{r} 100.72 \\ (88.38,113.05) \end{array}$ | $\begin{array}{r} 107.55 \\ (98.85,116.25) \end{array}$ | $\begin{array}{r} 98.84 \\ (91.27,106.41) \end{array}$ | $\begin{array}{r} 90.11 \\ (68.55,111.68) \end{array}$ | $\begin{array}{r} 1.87 \\ (-9.45,13.18) \end{array}$ |  | -0.06 | $\begin{array}{r} -10.60 \\ (-34.66,13.46) \end{array}$ |
| Female | $\begin{array}{r} 109.71 \\ (104.30,115.12) \end{array}$ | $\begin{array}{r} 117.76 \\ (107.02,128.49) \end{array}$ | $\begin{array}{r} 107.37 \\ (98.95,115.79) \end{array}$ | $\begin{array}{r} 103.68 \\ (94.58,112.79) \end{array}$ | $\begin{array}{r} 120.92 \\ (107.58,134.27) \end{array}$ | $\begin{array}{r} -8.05 \\ (-17.89,1.80) \end{array}$ |  | 0.02 | $\begin{array}{r} 3.17 \\ (-12.26,18.59) \end{array}$ |
| White | $\begin{array}{r} 108.82 \\ (103.92,113.72) \end{array}$ | $\begin{array}{r} 107.62 \\ (98.78,116.46) \end{array}$ | $\begin{array}{r} 112.37 \\ (105.49,119.25) \end{array}$ | $\begin{array}{r} 104.38 \\ (95.75,113.00) \end{array}$ | $\begin{array}{r} 107.42 \\ (87.57,127.27) \end{array}$ | $\begin{array}{r} 1.20 \\ (-7.49,9.90) \end{array}$ |  | -0.01 | $\begin{array}{r} -0.20 \\ (-22.07,21.67) \end{array}$ |
| African American | $\begin{array}{r} 98.30 \\ (89.66,106.94) \end{array}$ | $\begin{array}{r} 115.37 \\ (86.68,144.07) \end{array}$ | $\begin{array}{r} 99.23 \\ (80.62,117.84) \end{array}$ | $\begin{array}{r} 92.80 \\ (81.32,104.28) \end{array}$ | $\begin{array}{r} 96.88 \\ (79.05,114.72) \end{array}$ | $\begin{array}{r} -17.07 \\ (-43.08,8.93) \end{array}$ |  | -0.07 | $\begin{array}{r} -18.49 \\ (-51.06,14.07) \end{array}$ |
| Hispanic | $\begin{array}{r} 106.00 \\ (97.58,114.42) \end{array}$ | $\begin{array}{r} 109.63 \\ (90.01,129.24) \end{array}$ | $\begin{array}{r} 102.11 \\ (86.19,118.04) \end{array}$ | $\begin{array}{r} 101.80 \\ (88.21,115.40) \end{array}$ | $\begin{array}{r} 111.86 \\ (90.59,133.13) \end{array}$ | $\begin{array}{r} -3.63 \\ (-21.19,13.93) \end{array}$ |  | 0.01 | $\begin{array}{r} 2.23 \\ (-28.14,32.61) \end{array}$ |

Table 5-36. The relationship between exposure to specific anti-drug advertising and personal anti-marijuana beliefs and attitudes ${ }^{1}$ among nonusing youth, by age, gender, race/ethnicity, risk score, and sensation seeking (continued)

November 1999 through December 2001

${ }^{1}$ See Table 5-2 for full distribution. It is based on a combined index of beliefs and attitudes toward trial and regular marijuana use, as described in Appendix E.
NOTE: Direct campaign effects are estimated by comparing mean cognitive outcomes observed (C1) to projections of what those means would have been in the absence of the Media Campaign (C2).

Table 5-37. The relationship between exposure to general anti-drug advertising and perceived anti-marijuana social norms ${ }^{1}$ among nonusing youth, by age, gender, race/ethnicity, risk score, and sensation seeking

November 1999 through December 2001

| $\underline{\text { Characteristics }}$ | Exposure level of youth (real or hypothetical) |  |  |  | $\begin{gathered} \text { Direct } \\ \text { Campaign } \\ \text { effect } \\ (\mathrm{C} 1-\mathrm{C} 2) \\ \hline \end{gathered}$ | $\begin{gathered} \text { Significance } \\ \text { level } \\ \text { of monotone } \\ \text { dose-response } \\ \text { relationship, } \\ \text { if } \mathrm{p}<.05 \\ \hline \end{gathered}$ | Spearman's rho (rank order correlation) | Potential maximum <br> Campaign effect (C4-C2) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Actual during period (C1) | Less than 4 times per month (C2) | 4-11 times per month (C3) | 12 or more times per month (C4) |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| $12 \text { to } 13$ | $\begin{array}{r} 133.87 \\ (130.26,137.48) \end{array}$ | $\begin{array}{r} 132.15 \\ (124.55,139.76) \end{array}$ | $\begin{array}{r} 133.11 \\ (124.69,141.53) \end{array}$ | $\begin{array}{r} 133.38 \\ (128.41,138.36) \end{array}$ | $\begin{array}{r} 1.72 \\ (-5.32,8.76) \end{array}$ |  | 0.02 | $\begin{array}{r} 1.23 \\ (-7.97,10.43) \end{array}$ |
| 14 to 18 | $\begin{array}{r} 87.65 \\ (83.19,92.11) \end{array}$ | $\begin{array}{r} 88.49 \\ (78.43,98.56) \end{array}$ | $\begin{array}{r} 84.43 \\ (75.79,93.07) \end{array}$ | $\begin{array}{r} 88.81 \\ (82.59,95.03) \end{array}$ | $\begin{array}{r} -0.84 \\ (-9.70,8.02) \end{array}$ |  | -0.01 | $\begin{array}{r} 0.32 \\ (-11.46,12.10) \end{array}$ |
| 12 to 18 | $\begin{array}{r} 104.10 \\ (100.86,107.35) \end{array}$ | $\begin{array}{r} 104.13 \\ (97.27,110.99) \end{array}$ | $\begin{array}{r} 101.35 \\ (94.38,108.31) \end{array}$ | $\begin{array}{r} 104.81 \\ (100.57,109.06) \end{array}$ | $\begin{array}{r} -0.03 \\ (-6.21,6.15) \end{array}$ |  | 0.00 | $\begin{array}{r} 0.68 \\ (-7.10,8.47) \end{array}$ |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |
| Male | $\begin{array}{r} 96.51 \\ (92.27,100.75) \end{array}$ | $\begin{array}{r} 93.25 \\ (82.69,103.81) \end{array}$ | $\begin{array}{r} 96.98 \\ (87.15,106.81) \end{array}$ | $\begin{array}{r} 96.02 \\ (90.18,101.85) \end{array}$ | $\begin{array}{r} 3.26 \\ (-6.53,13.05) \end{array}$ |  | 0.00 | $\begin{array}{r} 2.77 \\ (-9.48,15.02) \end{array}$ |
| Female | $\begin{array}{r} 111.72 \\ (106.21,117.23) \end{array}$ | $\begin{array}{r} 115.09 \\ (105.19,124.99) \end{array}$ | $\begin{array}{r} 105.73 \\ (95.81,115.64) \end{array}$ | $\begin{array}{r} 113.38 \\ (106.61,120.15) \end{array}$ | $\begin{array}{r} -3.37 \\ (-11.27,4.52) \end{array}$ |  | -0.01 | $\begin{array}{r} -1.71 \\ (-11.80,8.38) \end{array}$ |
| White | $\begin{array}{r} 109.69 \\ (105.70,113.68) \end{array}$ | $\begin{array}{r} 109.53 \\ (101.54,117.52) \end{array}$ | $\begin{array}{r} 108.77 \\ (101.27,116.28) \end{array}$ | $\begin{array}{r} 109.59 \\ (103.87,115.32) \end{array}$ | $\begin{array}{r} 0.16 \\ (-6.76,7.09) \end{array}$ |  | -0.01 | $\begin{array}{r} 0.06 \\ (-8.74,8.87) \end{array}$ |
| African American | $\begin{array}{r} 78.40 \\ (72.00,84.81) \end{array}$ | $\begin{array}{r} 68.87 \\ (51.13,86.62) \end{array}$ | $\begin{array}{r} 70.26 \\ (50.48,90.03) \end{array}$ | $\begin{array}{r} 82.48 \\ (72.64,92.33) \end{array}$ | $\begin{array}{r} 9.53 \\ (-7.18,26.23) \end{array}$ |  | 0.05 | $\begin{array}{r} 13.61 \\ (-6.68,33.89) \end{array}$ |
| Hispanic | $\begin{array}{r} 105.63 \\ (96.53,114.73) \end{array}$ | $\begin{array}{r} 114.98 \\ (100.58,129.39) \end{array}$ | $\begin{array}{r} 101.83 \\ (81.13,122.53) \end{array}$ | $\begin{array}{r} 107.03 \\ (96.45,117.60) \end{array}$ | $\begin{array}{r} -9.35 \\ (-22.50,3.80) \end{array}$ |  | -0.03 | $\begin{array}{r} -7.96 \\ (-26.21,10.30) \end{array}$ |

Table 5-37. The relationship between exposure to general anti-drug advertising and perceived anti-marijuana social norms ${ }^{1}$ among nonusing youth, by age, gender, race/ethnicity, risk score, and sensation seeking (continued)

November 1999 through December 2001

${ }^{1}$ See Table 5-3 for a full distribution. It is based on a combined index of perceived social expectations and perceived social network behavior as described in Appendix E.
NOTE: Direct campaign effects are estimated by comparing mean cognitive outcomes observed (C1) to projections of what those means would have been in the absence of the Media Campaign (C2).

Table 5-38. The relationship between exposure to specific anti-drug advertising and perceived anti-marijuana social norms ${ }^{1}$ among nonusing youth, by age, gender, race/ethnicity, risk score, and sensation seeking

November 1999 through December 2001

| Characteristics | Exposure level of youth (real or hypothetical) |  |  |  |  | Direct Campaign effect (C1-C2) | $\begin{gathered} \text { Significance } \\ \text { level } \\ \text { of monotone } \\ \text { dose-response } \\ \text { relationship, } \\ \text { if } \mathrm{p}<.05 \\ \hline \end{gathered}$ | Spearman's rho (rank order correlation) | Potential maximum Campaign effect (C5-C2) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Actual <br> during <br> period <br> (C1) | Less than 1 time per month (C2) | 1-3 times per month <br> (C3) | 4-11 times per month (C4) | 12 or more times per month (C5) |  |  |  |  |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 133.87 | 134.78 | 136.10 | 131.45 | 131.60 | -0.91 |  | -0.03 | -3.19 |
|  | (130.26,137.48) | $(126.18,143.39)$ | $(129.45,142.75)$ | (125.47,137.43) | (119.08,144.12) | $(-9.15,7.32)$ |  |  | (-17.59,11.21) |
| 14 to 18 | 87.65 | 91.38 | 90.34 | 84.66 | 82.24 | -3.73 |  | -0.04 | -9.14 |
|  | (83.19,92.11) | (79.55,103.21) | (82.39,98.30) | (76.98,92.35) | (64.99,99.48) | (-14.81,7.35) |  |  | (-29.14,10.85) |
| 12 to 18 | 104.10 | 105.88 | 106.43 | 101.78 | 101.08 | -1.78 |  | -0.03 | -4.81 |
|  | (100.86,107.35) | (97.42,114.35) | (100.47,112.39) | (96.67,106.89) | (90.41,111.74) | (-9.96,6.40) |  |  | (-17.92,8.31) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |
| Male | 96.51 | 94.02 | 100.60 | 96.53 | 89.66 | 2.49 |  | -0.01 | -4.36 |
|  | (92.27,100.75) | (82.21,105.83) | (92.29,108.90) | (89.35,103.71) | (71.28,108.04) | (-9.32,14.30) |  |  | (-25.43,16.71) |
| Female | 111.72 | 118.17 | 112.41 | 106.96 | 112.90 | -6.46 |  | -0.04 | -5.27 |
|  | (106.21,117.23) | (105.44,130.91) | $(103.95,120.87)$ | (99.25,114.66) | $(99.25,126.56)$ | (-17.41,4.50) |  |  | (-23.19,12.65) |
| White | 109.69 | 110.81 | 114.89 | 105.03 | 113.96 | -1.11 |  | -0.01 | 3.15 |
|  | (105.70,113.68) | $(102.19,119.43)$ | $(107.32,122.47)$ | (98.38,111.68) | $(101.34,126.57)$ | $(-9.92,7.69)$ |  |  | (-11.68,17.98) |
| African American__ | 78.40 | 71.90 | 86.66 | 80.11 | 63.64 | 6.50 |  | -0.03 | -8.27 |
|  | (72.00,84.81) | (45.94,97.87) | (73.13,100.20) | $(68.28,91.93)$ | (40.86,86.41) | $(-19.11,32.11)$ |  |  | $(-46.23,29.70)$ |
| Hispanic | 105.63 | 107.60 | 95.72 | 109.46 | 96.92 | -1.97 |  | -0.03 | -10.68 |
|  | (96.53,114.73) | (82.09,133.11) | (81.57,109.87) | (91.52,127.39) | (66.12,127.72) | $(-24.19,20.25)$ |  |  | (-55.42,34.05) |

Table 5-38. The relationship between exposure to specific anti-drug advertising and perceived anti-marijuana social norms ${ }^{1}$ among nonusing youth, by age, gender, race/ethnicity, risk score, and sensation seeking (continued)

November 1999 through December 2001

| Characteristics | Exposure level of youth (real or hypothetical) |  |  |  |  | Direct Campaign effect (C1-C2) | ```Significance level of monotone dose-response relationship, if p<.05``` | Spearman's rho (rank order correlation) | Potential maximum <br> Campaign effect (C5-C2) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Actual <br> during <br> period <br> (C1) | Less than 1 time per month (C2) | 1-3 times per month <br> (C3) | 4-11 times per month (C4) | 12 or more times per month (C5) |  |  |  |  |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |
| Risk score |  |  |  |  |  |  |  |  |  |
| Higher risk | $\begin{array}{r} 48.30 \\ (40.39,56.20) \end{array}$ | $\begin{array}{r} 64.75 \\ (49.80,79.70) \end{array}$ | $\begin{array}{r} 54.60 \\ (40.27,68.94) \end{array}$ | $\begin{array}{r} 37.31 \\ (23.84,50.77) \end{array}$ | $\begin{gathered} 61.69 \\ (23.09,100.29)^{k} \end{gathered}$ | $\begin{array}{r} -16.45 \\ \hline(-31.68,-1.22) \end{array}$ |  | -0.02 | $\begin{array}{r} -3.06 \\ (-46.64,40.52) \end{array}$ |
| Lower risk | $\begin{array}{r} 123.03 \\ (119.41,126.66) \end{array}$ | $\begin{array}{r} 124.20 \\ (114.17,134.23) \end{array}$ | $\begin{array}{r} 123.37 \\ (116.98,129.76) \end{array}$ | $\begin{array}{r} 123.66 \\ (118.18,129.13) \end{array}$ | $\begin{array}{r} 115.96 \\ (102.41,129.51) \end{array}$ | $\begin{array}{r} -1.17 \\ (-10.58,8.24) \end{array}$ |  | -0.05 | $\begin{array}{r} -8.24 \\ (-22.90,6.43) \end{array}$ |
| Sensation seeking |  |  |  |  |  |  |  |  |  |
| High | $(74.38,84.17)$ | $(77.29,101.09)$ | $(74.47,91.87)$ | $(67.27,82.68)$ | $(59.51,96.58)$ | $(-21.98,2.16)$ |  |  | $(-33.38,11.10)$ |
| Low | 127.78 | 119.69 | 129.11 | 129.37 | 123.90 | 8.08 |  | 0.01 | 4.21 |
|  | (123.46,132.10) | $(107.02,132.37)$ | $(121.82,136.39)$ | $(122.39,136.35)$ | $(108.47,139.34)$ | $(-2.88,19.05)$ |  |  | (-13.97,22.39) |

${ }^{1}$ See Table 5-3 for a full distribution. It is based on a combined index of perceived social expectations and perceived social network behavior as described in Appendix E.
NOTE: Direct campaign effects are estimated by comparing mean cognitive outcomes observed (C1) to projections of what those means would have been in the absence of the Media Campaign (C2).

Table 5-39. The relationship between exposure to general anti-drug advertising and self-efficacy to refuse marijuana ${ }^{1}$ among nonusing youth, by age, gender, race/ethnicity, risk score, and sensation seeking

November 1999 through December 2001

| Exposure level of youth (real or hypothetical) |  |  |  |  |  | Significance level of monotone dose-response relationship, if $\mathrm{p}<.05$ | Spearman's rho (rank order correlation) | Potential maximum <br> Campaign effect (C4-C2) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Characteristics | Actual <br> during <br> period <br> (C1) | Less than 4 times per month (C2) | 4-11 times per month (C3) | 12 or more times per month (C4) | Direct <br> Campaign effect (C1-C2) |  |  |  |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |
| 12 to 13 | $\begin{array}{r} 101.56 \\ (97.71,105.42) \end{array}$ | $\begin{array}{r} 105.08 \\ (97.10,113.05) \end{array}$ | $\begin{array}{r} 98.39 \\ (89.82,106.96) \end{array}$ | $\begin{array}{r} 101.84 \\ (95.50,108.19) \end{array}$ | $\begin{array}{r} -3.51 \\ (-10.63,3.61) \end{array}$ |  | -0.03 | $\begin{array}{r} -3.23 \\ (-13.32,6.86) \end{array}$ |
| 14 to 18 | 107.55$(103.19,111.92)$ | 103.94 | 101.06 | 112.14 | 3.61 |  | 0.02 | 8.19 |
|  |  | (95.17,112.72) | (91.21,110.91) | $(106.29,117.98)$ | $(-5.15,12.37)$ |  |  | (-2.59, 18.97) |
| 12 to 18 | 105.42$(102.13,108.72)$ | 104.35 | 100.13 | 108.44 | 1.07 |  | 0.00 | 4.09 |
|  |  | (97.84,110.86) | (93.05,107.22) | (103.77,113.11) | (-5.45,7.60) |  |  | (-4.26,12.44) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |
| Male | (99.12,107.97) | 102.34 | 102.01 | 105.18 | 1.20 |  | 0.00 | 2.83 |
|  |  | (94.09,110.59) | (92.58,111.43) | (98.01,112.34) | (-7.61,10.02) |  |  | (-9.05,14.71) |
| Female | 107.30$(102.05,112.56)$ | 106.37 | 98.25 | 111.62 | 0.93 |  | 0.00 | 5.25 |
|  |  | $(95.18,117.56)$ | (88.81,107.69) | (105.36,117.88) | (-8.73,10.59) |  |  | (-7.16,17.65) |
| White | 111.48$(108.14,114.82)$ | 109.62 | 109.88 | 112.07 | 1.86 |  | -0.01 | 2.45 |
|  |  | (102.17,117.07) | (102.76,116.99) | (106.84,117.29) | (-5.31,9.04) |  |  | (-7.34,12.24) |
| African American | $\begin{array}{r} 95.43 \\ (86.69,104.18) \end{array}$ | 104.89 | 66.62 | 101.88 | -9.46 |  | -0.03 | -3.01 |
|  |  | (90.76,119.03) | (41.12,92.12) | (90.86,112.90) | (-23.40,4.48) |  |  | (-19.75,13.72) |
| Hispanic | $\begin{array}{r} 94.15 \\ (83.17,105.13) \end{array}$ | 80.88 | 105.88 | 100.43 | 13.27 |  | 0.08 | 19.56 |
|  |  | (61.16,100.59) | (91.22,120.54) | (86.90,113.97) | (-2.46,29.00) |  |  | (-1.00,40.12) |

Table 5-39. The relationship between exposure to general anti-drug advertising and self-efficacy to refuse marijuana ${ }^{1}$ among nonusing youth, by age, gender, race/ethnicity, risk score, and sensation seeking (continued)

November 1999 through December 2001

${ }^{1}$ See Table $5-26$ for full distribution. Self-efficacy scale based on 4 questions asking how sure youth are that they can say no to marijuana if they really wanted to: while at a party where most others are using it (C9a); when a very close friend suggests they use it (C9b); when at home alone and feeling sad or bored (C9c); when hanging out at a friend's house whose parents aren't home (C9d). Measurement of this construct is detailed in Appendix E.

NOTE: Direct campaign effects are estimated by comparing mean cognitive outcomes observed (C1) to projections of what those means would have been in the absence of the Media Campaign (C2)

Table 5-40. The relationship between exposure to specific anti-drug advertising and self-efficacy to refuse marijuana ${ }^{1}$ among nonusing youth, by age, gender, race/ethnicity, risk score, and sensation seeking

November 1999 through December 2001

| Characteristics | Exposure level of youth (real or hypothetical) |  |  |  |  | Direct <br> Campaign effect (C1-C2) | Significance level of monotone dose-response relationship, if $\mathrm{p}<.05$ | Spearman's rho (rank order correlation) | Potential <br> maximum <br> Campaign effect (C5-C2) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Actual during period (C1) | Less than 1 time per month (C2) | 1-3 times per month (C3) | 4-11 times per month (C4) | 12 or more times per month (C5) |  |  |  |  |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |
| 12 to 13 | $\begin{array}{r} 101.56 \\ (97.71,105.42) \end{array}$ | $\begin{array}{r} 97.23 \\ (87.31,107.15) \end{array}$ | $\begin{array}{r} 96.32 \\ (88.95,103.69) \end{array}$ | $\begin{array}{r} 101.55 \\ (94.92,108.18) \end{array}$ | $\begin{array}{r} 106.54 \\ (91.43,121.65) \end{array}$ | $\begin{array}{r} 4.34 \\ (-4.62,13.29) \end{array}$ |  | 0.05 | $\begin{array}{r} 9.31 \\ (-7.08,25.70) \end{array}$ |
| 14 to 18 | 107.55 | 119.07 | 105.73 | 107.05 | 116.22 | -11.52 |  | -0.03 | -2.85 |
|  | (103.19,111.92) | (109.64,128.50) | (99.08,112.37) | (100.76,113.35) | $(102.86,129.58) *$ | (-19.60,-3.44) |  |  | (-19.18,13.48) |
| 12 to 18 | 105.42 | 111.77 | 102.42 | 105.04 | 112.53 | -6.35 |  | 0.00 | 0.76 |
|  | (102.13,108.72) | $(104.20,119.34)$ | (97.51,107.33) | (100.17,109.91) | $(101.77,123.28)$ | (-12.70, 0.00 ) |  |  | (-11.69,13.21) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |
| Male | 103.55 | 112.25 | 101.24 | 103.21 | 99.06 | -8.71 |  | -0.04 | -13.20 |
|  | (99.12,107.97) | $(101.45,123.05)$ | (93.91,108.57) | (95.65,110.77) | (81.40,116.71) | (-18.15,0.74) |  |  | (-33.19,6.80) |
| Female | 107.30 | 111.28 | 103.63 | 106.84 | 126.49 | -3.97 |  | 0.04 | 15.21 |
|  | (102.05,112.56) | $(99.96,122.59)$ | (95.69,111.56) | (100.26,113.43) | $(116.47,136.50)$ | (-12.86,4.92) |  |  | (-0.54,30.96) |
| White | 111.48 | 119.75 | 107.27 | 110.90 | 119.31 | -8.27 |  | 0.00 | -0.44 |
|  | (108.14,114.82) | $(112.29,127.21)$ | $(102.07,112.46)$ | (105.12,116.67) | $(106.49,132.14) *$ | (-15.19,-1.36) |  |  | (-15.59,14.71) |
| African American | 95.43 | 110.20 | 91.16 | 94.78 | 98.92 | -14.77 |  | -0.04 | -11.28 |
|  | (86.69,104.18) | $(84.35,136.05)$ | $(75.63,106.69)$ | (81.81,107.74) | $(69.01,128.83)$ | (-38.44,8.91) |  |  | (-52.11,29.55) |
| Hispanic | 94.15 | 79.18 | 99.54 | 93.48 | 101.20 | 14.97 |  | 0.04 | 22.02 |
|  | (83.17,105.13) | (50.78,107.57) | (86.35,112.72) | (78.98,107.97) | $(67.73,134.66)$ | (-6.59,36.54) |  |  | (-17.88,61.92) |

Table 5-40. The relationship between exposure to specific anti-drug advertising and self-efficacy to refuse marijuana ${ }^{1}$ among nonusing youth, by age, gender, race/ethnicity, risk score, and sensation seeking (continued)

November 1999 through December 2001

${ }^{1}$ See Table $5-26$ for full distribution. Self-efficacy scale based on 4 questions asking how sure youth are that they can say no to marijuana if they really wanted to: while at a party where most others are using it (C9a); when a very close friend suggests they use it (C9b); when at home alone and feeling sad or bored (C9c); when hanging out at a friend's house whose parents aren't home (C9d). Measurement of this construct is detailed in Appendix E.

NOTE: Direct campaign effects are estimated by comparing mean cognitive outcomes observed (C1) to projections of what those means would have been in the absence of the Media Campaign (C2).

Table 6-1. Parents ${ }^{1}$ monitoring cognitions ${ }^{2}$, by youth age, gender, race/ethnicity, risk score, and sensation seeking, and parent gender and education

| Characteristics | Mean score on parental beliefs and attitudes about monitoring index |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 <br> Mean | Wave 2 <br> Mean | Wave 3 <br> Mean | Wave 4 <br> Mean | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | Est | 95\% CI | Est | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 114.78 | 114.92 | 125.38 | 120.66 | 114.85 | $(109.61,120.09)$ | 123.00 | $(118.65,127.36)$ | 8.15 | *(1.57,14.73) |
| 14 to 15 | 88.57 | 94.45 | 92.38 | 96.78 | 91.55 | (83.05,100.04) | 94.47 | (87.42,101.53) | 2.93 | (-7.86,13.71) |
| 16 to 18 | 61.71 | 62.19 | 69.06 | 65.97 | 61.94 | $(54.71,69.18)$ | 67.43 | (58.82,76.05) | 5.49 | (-4.44,15.42) |
| 14 to 18 | 73.84 | 77.32 | 80.43 | 79.50 | 75.57 | (69.80,81.35) | 79.96 | (73.68,86.24) | 4.39 | (-2.71, 11.49) |
| 12 to 18 | 85.77 | 88.47 | 93.70 | 91.68 | 87.12 | (82.72,91.52) | 92.68 | (87.96,97.41) | 5.56 | *(0.09,11.03) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 77.31 | 80.83 | 82.31 | 85.94 | 79.08 | (72.75,85.41) | 84.14 | (77.46,90.82) | 5.06 | $(-3.39,13.51)$ |
| Females | 94.66 | 96.68 | 105.70 | 97.75 | 95.66 | (89.58,101.75) | 101.71 | (95.97,107.45) | 6.05 | (-0.86,12.95) |
| White | 84.41 | 84.35 | 90.28 | 85.74 | 84.38 | (79.15,89.61) | 87.99 | $(82.48,93.51)$ | 3.62 | (-2.54,9.77) |
| African American | 96.33 | 88.10 | 100.38 | 101.08 | 92.14 | (79.15,105.13) | 100.74 | (89.71,111.77) | 8.60 | (-7.53,24.72) |
| Hispanic | 88.27 | 108.61 | 102.34 | 108.44 | 98.48 | (86.12,110.85) | 105.42 | (93.29,117.55) | 6.94 | (-10.06,23.93) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 53.41 | 54.27 | 56.85 | 58.68 | 53.82 | $(45.47,62.17)$ | 57.76 | $(49.53,66.00)$ | 3.94 | $(-5.60,13.49)$ |
| Lower risk | 109.42 | 109.03 | 118.10 | 112.35 | 109.22 | $(104.93,113.51)$ | 115.21 | $(110.08,120.35)$ | 5.99 | (-0.07,12.05) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 71.12 | 75.65 | 83.95 | 77.42 | 73.32 | $(67.55,79.10)$ | 80.76 | $(73.98,87.54)$ | 7.43 | (-0.16,15.03) |
| Low | 104.05 | 102.46 | 107.19 | 108.80 | 103.23 | (96.87, 109.60) | 108.02 | (101.77,114.28) | 4.79 | (-3.14,12.72) |

Table 6-1. Parents ${ }^{1}$ monitoring cognitions ${ }^{2}$, by youth age, gender, race/ethnicity, risk score, and sensation seeking, and parent gender and education (continued)

| Characteristics | Mean score on parental beliefs and attitudes about monitoring index |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 Mean | Wave 2 <br> Mean | Wave 3 <br> Mean | Wave 4 <br> Mean | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | Est | 95\% CI | Est | 95\% CI | Est | 95\% CI |
| Parent gender |  |  |  |  |  |  |  |  |  |  |
| Males | 64.82 | 77.86 | 86.28 | 72.82 | 71.81 | (63.64,79.98) | 79.80 | (70.56,89.04) | 7.99 | (-3.00, 18.98) |
| Females | 96.00 | 94.99 | 97.61 | 100.39 | 95.52 | (90.08,100.95) | 99.04 | (93.13,104.94) | 3.52 | (-4.20,11.23) |
| Parent education |  |  |  |  |  |  |  |  |  |  |
| Less than high school_ | 79.82 | 98.50 | 87.96 | 98.82 | 88.94 | (78.90,98.98) | 93.71 | (82.10,105.32) | 4.77 | (-10.29,19.83) |
| High school graduate_ | 75.35 | 90.71 | 86.58 | 84.35 | 82.56 | (74.03,91.09) | 85.49 | (77.91,93.06) | 2.93 | (-6.11,11.96) |
| Some college | 98.72 | 85.37 | 105.46 | 99.27 | 91.18 | (81.43,100.93) | 102.25 | (92.02,112.47) | 11.07 | (-3.01,25.15) |
| College graduate | 91.77 | 83.77 | 93.80 | 88.79 | 87.93 | (80.13,95.74) | 91.33 | (82.48,100.18) | 3.40 | (-8.86,15.65) |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ Measurement of this construct is detailed in Appendix X.

Table 6-2. Parents ${ }^{1}$ talking cognitions ${ }^{2}$, by youth age, gender, race/ethnicity, risk score, and sensation seeking, and parent gender and education

| Characteristics | Mean score on parental beliefs and attitudes about talking index |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 <br> Mean | Wave 2 <br> Mean | Wave 3 <br> Mean | Wave 4 <br> Mean | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from <br> Year 2000 to Year 2001 <br> Est $\quad 95 \%$ CI |  |
|  |  |  |  |  | Est | 95\% CI | Est | 95\% CI |  |  |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 112.12 | 106.65 | 117.02 | 107.18 | 109.37 | (103.64,115.09) | 112.07 | (105.30,118.83) | 2.70 | (-5.67,11.07) |
| 14 to 15 | 104.12 | 102.20 | 103.19 | 114.61 | 103.15 | $(93.68,112.62)$ | 108.63 | (101.05,116.21) | 5.48 | (-6.30,17.27) |
| 16 to 18 | 79.86 | 83.77 | 92.45 | 89.20 | 81.77 | (73.13,90.42) | 90.74 | $(83.08,98.40)$ | 8.97 | $(-1.26,19.19)$ |
| 14 to 18 | 90.82 | 92.42 | 97.69 | 100.36 | 91.61 | (85.04,98.19) | 99.03 | $(93.29,104.77)$ | 7.41 | (-0.36,15.19) |
| 12 to 18 | 97.03 | 96.64 | 103.40 | 102.38 | 96.83 | (91.91,101.76) | 102.88 | $(98.28,107.49)$ | 6.05 | *(0.28,11.82) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 92.51 | 95.63 | 100.96 | 98.93 | 94.07 | (88.09,100.06) | 99.94 | (93.65,106.23) | 5.86 | (-2.82,14.55) |
| Females | 101.78 | 97.72 | 105.97 | 106.02 | 99.76 | (92.58,106.95) | 105.99 | (99.32,112.67) | 6.23 | (-1.78,14.24) |
| White | 88.25 | 87.62 | 95.66 | 89.84 | 87.94 | (82.03,93.85) | 92.73 | $(87.75,97.71)$ | 4.79 | (-2.02,11.59) |
| African American | 124.88 | 114.67 | 130.83 | 123.84 | 119.68 | $(106.55,132.81)$ | 127.28 | (110.64,143.93) | 7.60 | (-9.79,24.99) |
| Hispanic | 118.70 | 124.54 | 108.90 | 136.66 | 121.63 | (111.37,131.90) | 122.90 | (112.99,132.82) | 1.27 | (-12.19,14.74) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 77.51 | 85.91 | 89.92 | 94.60 | 81.50 | (74.01,88.99) | 92.25 | (84.20,100.30) | 10.75 | *(1.82,19.68) |
| Lower risk | 111.12 | 103.12 | 112.74 | 107.98 | 106.98 | (101.32,112.64) | 110.35 | (104.16,116.54) | 3.37 | (-4.03, 10.77) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 85.70 | 89.77 | 98.18 | 96.87 | 87.68 | (81.63,93.73) | 97.54 | (92.19,102.89) | 9.87 | * (2.73,17.00) |
| Low | 111.02 | 104.83 | 111.56 | 109.97 | 107.84 | (100.90,114.77) | 110.74 | (103.63,117.85) | 2.90 | (-6.06,11.86) |

Table 6-2. Parents ${ }^{1}$ talking cognitions ${ }^{2}$, by youth age, gender, race/ethnicity, risk score, and sensation seeking, and parent gender and education (continued)

| Characteristics | Mean score on parental beliefs and attitudes about talking index |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 Mean | Wave 2 <br> Mean | Wave 3 <br> Mean | Wave 4 Mean | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | Est | 95\% CI | Est | 95\% CI | Est | 95\% CI |
| Parent gender |  |  |  |  |  |  |  |  |  |  |
| Males | 80.40 | 81.58 | 96.90 | 89.38 | 81.03 | (72.58,89.49) | 93.28 | (85.50,101.06) | 12.24 | *(1.06,23.43) |
| Females | 105.14 | 105.89 | 106.81 | 108.38 | 105.50 | (99.77,111.23) | 107.62 | (100.91,114.33) | 2.12 | (-4.70,8.94) |
| Parent education |  |  |  |  |  |  |  |  |  |  |
| Less than high school_ | 113.38 | 125.79 | 98.43 | 125.26 | 119.44 | (108.06,130.83) | 112.64 | (101.22,124.07) | -6.80 | (-23.65,10.04) |
| High school graduate_ | 94.06 | 100.85 | 102.94 | 107.08 | 97.25 | (88.49,106.00) | 104.97 | (97.37,112.56) | 7.72 | (-3.11,18.56) |
| Some college | 103.00 | 92.78 | 117.70 | 99.17 | 97.23 | (89.46,105.00) | 108.08 | (99.68,116.49) | 10.85 | *(0.93,20.78) |
| College graduate | 85.18 | 77.46 | 92.05 | 85.93 | 81.48 | (70.11,92.85) | 89.04 | $(80.89,97.19)$ | 7.56 | (-5.56,20.68) |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ Measurement of this construct is detailed in Appendix E.

Table 6-3. Parents ${ }^{1}$ monitoring behavior ${ }^{2,3}$, by youth age, gender, race/ethnicity, risk score, and sensation seeking, and parent gender and education

| Characteristics | Mean score on parental monitoring behavior scale$(0$ to 3$)$(where higher scores represent more monitoring behavior)Parent perspectiveChild perspective |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 <br> Mean | Wave 2 <br> Mean | Wave 3 <br> Mean | Wave 4 <br> Mean | Average for Waves <br> 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from <br> Year 2000 to Year 2001 |  |
|  |  |  |  |  | Est | 95\% CI | Est | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 1.65 | 1.65 | 1.83 | 1.77 | 1.65 | $(1.59,1.72)$ | 1.80 | (1.74,1.86) | 0.15 | *(0.07,0.23) |
|  | 1.03 | 1.02 | 1.06 | 1.11 | 1.03 | (0.96,1.09) | 1.08 | $(1.03,1.14)$ | 0.06 | (-0.01,0.13) |
| 14 to 15 | 1.50 | 1.44 | 1.46 | 1.46 | 1.47 | (1.39,1.55) | 1.46 | (1.38,1.53) | -0.01 | (-0.12,0.09) |
|  | 0.89 | 0.85 | 0.86 | 0.91 | 0.87 | $(0.80,0.94)$ | 0.88 | $(0.82,0.95)$ | 0.02 | (-0.07,0.10) |
| 16 to 18 | 1.13 | 1.22 | 1.21 | 1.20 | 1.18 | (1.10,1.26) | 1.21 | (1.11,1.30) | 0.03 | (-0.08,0.14) |
|  | 0.74 | 0.76 | 0.71 | 0.70 | 0.75 | $(0.69,0.81)$ | 0.70 | $(0.63,0.78)$ | -0.05 | (-0.12,0.03) |
| 14 to 18 | 1.30 | 1.32 | 1.33 | 1.31 | 1.31 | (1.25,1.37) | 1.32 | (1.26,1.39) | 0.01 | (-0.06,0.08) |
|  | 0.80 | 0.80 | 0.78 | 0.79 | 0.80 | $(0.75,0.86)$ | 0.78 | $(0.73,0.84)$ | -0.02 | (-0.07,0.04) |
| 12 to 18 | 1.40 | 1.42 | 1.48 | 1.45 | 1.41 | (1.36,1.46) | 1.46 | (1.41,1.52) | 0.05 | $(0.00,0.11)$ |
|  | 0.87 | 0.87 | 0.86 | 0.88 | 0.87 | $(0.82,0.91)$ | 0.87 | $(0.83,0.92)$ | 0.00 | (-0.04,0.05) |

Table 6-3. Parents ${ }^{1}$ monitoring behavior ${ }^{2,3}$, by youth age, gender, race/ethnicity, risk score, and sensation seeking, and parent gender and education (continued)

| Characteristics | Mean score on parental monitoring behavior scale$(0$ to 3$)$(where higher scores represent more monitoring behavior)Parent perspectiveChild perspective |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 <br> Mean | Wave 2 <br> Mean | Wave 3 <br> Mean | Wave 4 <br> Mean | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | Est | 95\% CI | Est | 95\% CI | Est | 95\% CI |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 1.29 | 1.28 | 1.39 | 1.38 | 1.29 | (1.23,1.34) | 1.39 | (1.32,1.46) | 0.10 | *(0.03,0.17) |
|  | 0.72 | 0.74 | 0.74 | 0.72 | 0.73 | $(0.67,0.79)$ | 0.73 | $(0.67,0.79)$ | 0.00 | (-0.07,0.07) |
| Females | 1.52 | 1.57 | 1.57 | 1.52 | 1.54 | (1.48,1.61) | 1.55 | (1.48,1.61) | 0.00 | (-0.08,0.08) |
|  | 1.02 | 1.00 | 0.99 | 1.05 | 1.01 | (0.96,1.06) | 1.02 | (0.97, 1.08) | 0.01 | (-0.05,0.07) |
| White | 1.45 | 1.44 | 1.53 | 1.45 | 1.45 | (1.39,1.51) | 1.49 | (1.42,1.55) | 0.04 | (-0.02,0.11) |
|  | 0.92 | 0.91 | 0.86 | 0.95 | 0.92 | (0.86,0.97) | 0.91 | (0.86,0.96) | -0.01 | (-0.06,0.04) |
| African American | 1.24 | 1.24 | 1.39 | 1.44 | 1.24 | (1.13,1.35) | 1.42 | (1.30,1.54) | 0.18 | *(0.03,0.33) |
|  | 0.76 | 0.67 | 0.83 | 0.74 | 0.71 | $(0.60,0.82)$ | 0.78 | $(0.67,0.89)$ | 0.07 | (-0.04,0.19) |
| Hispanic | 1.34 | 1.55 | 1.33 | 1.48 | 1.45 | (1.30,1.59) | 1.40 | (1.27,1.53) | -0.05 | (-0.21,0.12) |
|  | 0.82 | 0.87 | 0.90 | 0.75 | 0.85 | $(0.75,0.94)$ | 0.82 | $(0.71,0.93)$ | -0.02 | (-0.17,0.12) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 1.03 | 1.13 | 1.13 | 1.05 | 1.08 | (1.00,1.16) | 1.09 | (1.00,1.18) | 0.01 | (-0.10,0.11) |
|  | 0.56 | 0.67 | 0.54 | 0.56 | 0.61 | $(0.55,0.67)$ | 0.55 | $(0.48,0.62)$ | -0.06 | (-0.14,0.02) |
| Lower risk | 1.65 | 1.59 | 1.70 | 1.70 | 1.62 | (1.56,1.67) | 1.70 | (1.64,1.76) | 0.08 | *(0.01,0.16) |
|  | 1.11 | 1.03 | 1.08 | 1.10 | 1.07 | $(1.01,1.12)$ | 1.09 | (1.04,1.14) | 0.02 | (-0.03,0.08) |
| Sensation seeking High $\qquad$ |  |  |  |  |  |  |  |  |  |  |
|  | 1.28 | 1.30 | 1.37 | 1.25 | 1.29 | (1.22,1.36) | 1.31 | $(1.23,1.38)$ | 0.02 | (-0.07,0.11) |
|  | 0.65 | 0.59 | 0.61 | 0.63 | 0.62 | $(0.57,0.67)$ | 0.62 | $(0.57,0.67)$ | 0.00 | (-0.06,0.06) |
| Low | 1.54 | 1.54 | 1.63 | 1.68 | 1.54 | (1.48,1.60) | 1.66 | (1.59,1.72) | 0.12 | *(0.04,0.20) |
|  | 1.16 | 1.18 | 1.20 | 1.20 | 1.17 | (1.11,1.23) | 1.20 | $(1.13,1.26)$ | 0.03 | (-0.04,0.10) |

Table 6-3. Parents ${ }^{1}$ monitoring behavior ${ }^{2,3}$, by youth age, gender, race/ethnicity, risk score, and sensation seeking, and parent gender and education (continued)

| Characteristics | Mean score on parental monitoring behavior scale$(0$ to 3$)$(where higher scores represent more monitoring behavior)Parent perspectiveChild perspective |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 <br> Mean | Wave 2 <br> Mean | Wave 3 <br> Mean | Wave 4 <br> Mean | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from <br> Year 2000 to Year 2001 |  |
|  |  |  |  |  | Est | 95\% CI | Est | 95\% CI | Est | 95\% CI |
| Parent gender |  |  |  |  |  |  |  |  |  |  |
| Males | 1.30 | 1.38 | 1.42 | 1.35 | 1.34 | (1.26,1.43) | 1.39 | (1.30,1.48) | 0.05 | (-0.06,0.15) |
|  | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Females | 1.45 | 1.45 | 1.51 | 1.49 | 1.45 | (1.40,1.50) | 1.50 | (1.44,1.57) | 0.05 | (-0.02,0.13) |
|  | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Parent education |  |  |  |  |  |  |  |  |  |  |
| Less than high school_ | 1.35 | 1.38 | 1.25 | 1.42 | 1.36 | (1.25,1.47) | 1.34 | (1.21,1.46) | -0.02 | (-0.16,0.12) |
|  | 0.86 | 0.94 | 0.88 | 0.77 | 0.90 | (0.81,1.00) | 0.83 | (0.73,0.92) | -0.08 | (-0.21,0.06) |
| High school graduate | 1.23 | 1.40 | 1.41 | 1.33 | 1.31 | $(1.23,1.39)$ | 1.37 | $(1.30,1.44)$ | 0.06 | (-0.04,0.16) |
|  | 0.83 | 1.00 | 0.85 | 0.85 | 0.91 | (0.82,1.00) | 0.85 | (0.77,0.94) | -0.06 | (-0.16,0.04) |
| Some college | 1.48 | 1.35 | 1.58 | 1.49 | 1.40 | (1.32,1.49) | 1.53 | (1.45,1.62) | 0.13 | *(0.02,0.24) |
|  | 0.95 | 0.76 | 0.87 | 0.98 | 0.84 | (0.77,0.92) | 0.92 | (0.85,1.00) | 0.08 | (-0.01,0.17) |
| College graduate | 1.57 | 1.58 | 1.58 | 1.58 | 1.58 | $(1.49,1.67)$ | 1.58 | (1.48,1.68) | 0.00 | (-0.12,0.13) |
|  | 0.87 | 0.90 | 0.89 | 0.94 | 0.88 | (0.80,0.96) | 0.91 | (0.84,0.99) | 0.03 | (-0.06,0.12) |

[^48]Table 6-4. Parents ${ }^{1}$ talking behavior ${ }^{2,3}$, by youth age, gender, race/ethnicity, risk score, and sensation seeking, and parent gender and education

| Characteristics | Mean score on parental talking behavior scale <br> (0 to 3) <br> (where higher scores represent more talking behavior) <br> Parent perspective <br> Child perspective |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 <br> Mean | Wave 2 <br> Mean | Wave 3 <br> Mean | Wave 4 <br> Mean | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | Est | 95\% CI | Est | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 2.32 | 2.26 | 2.40 | 2.36 | 2.29 | (2.22,2.36) | 2.38 | (2.31,2.45) | 0.09 | *(0.01,0.17) |
|  | 1.78 | 1.69 | 1.62 | 1.55 | 1.74 | $(1.65,1.82)$ | 1.58 | (1.51,1.66) | -0.15 | *(-0.26,-0.04) |
| 14 to 15 | 2.29 | 2.27 | 2.31 | 2.47 | 2.28 | (2.16,2.40) | 2.39 | (2.30,2.48) | 0.11 | (-0.05,0.27) |
|  | 1.65 | 1.48 | 1.44 | 1.39 | 1.56 | $(1.46,1.66)$ | 1.42 | $(1.33,1.51)$ | -0.14 | *(-0.27,-0.02) |
| 16 to 18 | 2.20 | 2.22 | 2.38 | 2.28 | 2.21 | (2.13,2.30) | 2.33 | (2.25,2.40) | 0.11 | *(0.01,0.21) |
|  | 1.26 | 1.37 | 1.24 | 1.30 | 1.32 | $(1.24,1.39)$ | 1.27 | $(1.19,1.35)$ | -0.05 | (-0.15,0.06) |
| 14 to 18 | 2.24 | 2.25 | 2.34 | 2.37 | 2.24 | (2.17,2.32) | 2.36 | (2.30,2.41) | 0.11 | *(0.01,0.21) |
|  | 1.44 | 1.42 | 1.33 | 1.34 | 1.43 | $(1.36,1.50)$ | 1.34 | (1.27,1.40) | -0.09 | *(-0.17,-0.01) |
| 12 to 18 | 2.27 | 2.25 | 2.36 | 2.36 | 2.26 | $(2.19,2.32)$ | 2.36 | (2.31,2.41) | 0.11 | *(0.03,0.18) |
|  | 1.53 | 1.50 | 1.42 | 1.40 | 1.52 | $(1.46,1.58)$ | 1.41 | (1.36,1.46) | -0.11 | *(-0.17,-0.04) |

Table 6-4. Parents ${ }^{1}$ talking behavior ${ }^{2,3}$ by youth age, gender, race/ethnicity, risk score, and sensation seeking, and parent gender and education (continued)

| Characteristics | Mean score on parental talking behavior scale$(0$ to 3$)$(where higher scores represent more talking behavior)Parent perspectiveChild perspective |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 <br> Mean | Wave 2 <br> Mean | Wave 3 <br> Mean | Wave 4 <br> Mean | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | Est | 95\% CI | Est | 95\% CI | Est | 95\% CI |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 2.30 | 2.30 | 2.34 | 2.40 | 2.30 | (2.23,2.37) | 2.37 | (2.32,2.42) | 0.07 | (-0.01,0.15) |
|  | 1.52 | 1.54 | 1.33 | 1.37 | 1.53 | $(1.5,1.6)$ | 1.35 | $(1.3,1.4)$ | -0.18 | *(-0.3,-0.1) |
| Females | 2.23 | 2.19 | 2.38 | 2.33 | 2.21 | (2.13,2.29) | 2.36 | (2.29,2.42) | 0.14 | *(0.04,0.25) |
|  | 1.55 | 1.46 | 1.51 | 1.44 | 1.51 | $(1.4,1.6)$ | 1.48 | (1.4,1.6) | -0.03 | (-0.1,0.1) |
| White | 2.23 | 2.23 | 2.29 | 2.35 | 2.23 | (2.16,2.30) | 2.32 | (2.26,2.38) | 0.10 | $(0.00,0.19)$ |
|  | 1.45 | 1.47 | 1.36 | 1.30 | 1.46 | $(1.4,1.5)$ | 1.33 | $(1.3,1.4)$ | -0.13 | *(-0.2,0.0) |
| African American | 2.33 | 2.39 | 2.44 | 2.34 | 2.36 | (2.20,2.52) | 2.39 | (2.26,2.52) | 0.03 | (-0.14,0.21) |
|  | 1.74 | 1.52 | 1.61 | 1.66 | 1.63 | $(1.5,1.8)$ | 1.64 | $(1.5,1.8)$ | 0.01 | $(-0.1,0.2)$ |
| Hispanic | 2.43 | 2.32 | 2.66 | 2.48 | 2.37 | (2.24,2.50) | 2.57 | (2.47,2.67) | 0.19 | *(0.04,0.35) |
|  | 1.80 | 1.64 | 1.53 | 1.57 | 1.72 | $(1.6,1.9)$ | 1.55 | $(1.4,1.7)$ | -0.17 | *(-0.3,0.0) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 2.22 | 2.38 | 2.37 | 2.36 | 2.30 | (2.22,2.37) | 2.36 | (2.28,2.45) | 0.07 | (-0.04,0.18) |
|  | 1.39 | 1.47 | 1.32 | 1.32 | 1.43 | $(1.3,1.5)$ | 1.32 | $(1.2,1.4)$ | -0.10 | (-0.2,0.0) |
| Lower risk | 2.29 | 2.18 | 2.35 | 2.37 | 2.24 | (2.15,2.32) | 2.36 | $(2.30,2.43)$ | 0.13 | *(0.03,0.22) |
|  | 1.69 | 1.53 | 1.51 | 1.49 | 1.60 | $(1.5,1.7)$ | 1.50 | $(1.4,1.6)$ | -0.10 | *(-0.2,0.0) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 2.28 | 2.32 | 2.36 | 2.36 | 2.30 | (2.23,2.37) | 2.36 | (2.30,2.42) | 0.06 | (-0.03,0.15) |
|  | 1.37 | 1.37 | 1.35 | 1.25 | 1.37 | $(1.3,1.4)$ | 1.30 | $(1.2,1.4)$ | -0.07 | (-0.2,0.0) |
| Low | 2.24 | 2.19 | 2.35 | 2.38 | 2.21 | (2.12,2.31) | 2.37 | $(2.29,2.44)$ | 0.16 | *(0.06,0.26) |
|  | 1.75 | 1.64 | 1.51 | 1.61 | 1.69 | $(1.6,1.8)$ | 1.56 | $(1.5,1.6)$ | -0.13 | *(-0.2,0.0) |

Table 6-4. Parents ${ }^{1{ }^{1}}$ talking behavior ${ }^{2,3}$, by youth age, gender, race/ethnicity, risk score, and sensation seeking, and parent gender and education (continued)

| $\underline{\text { Characteristics }}$ | Mean score on parental talking behavior scale $\text { (0 to } 3 \text { ) }$ <br> (where higher scores represent more talking behavior) <br> Parent perspective <br> Child perspective |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1Mean | Wave 2 <br> Mean | Wave 3 <br> Mean | Wave 4 <br> Mean | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | Est | 95\% CI | Est | 95\% CI | Est | 95\% CI |
| Parent gender |  |  |  |  |  |  |  |  |  |  |
| Males | 2.17 | 2.03 | 2.23 | 2.28 | 2.10 | (2.00,2.19) | 2.25 | (2.19,2.32) | 0.16 | *(0.04,0.28) |
|  | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Females | 2.31 | 2.38 | 2.43 | 2.40 | 2.35 | (2.27,2.42) | 2.42 | (2.35,2.48) | 0.07 | $(-0.01,0.15)$ |
|  | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Parent education |  |  |  |  |  |  |  |  |  |  |
| Less than high school | 2.25 | 2.33 | 2.41 | 2.41 | 2.29 | $(2.15,2.43)$ | 2.41 | (2.29,2.53) | 0.12 | (-0.06,0.30) |
|  | 1.88 | 1.74 | 1.55 | 1.74 | 1.81 | $(1.7,2.0)$ | 1.65 | $(1.5,1.8)$ | -0.16 | (-0.4,0.0) |
| High school graduate | 2.27 | 2.23 | 2.35 | 2.41 | 2.25 | $(2.15,2.34)$ | 2.38 | (2.29,2.46) | 0.13 | *(0.01,0.24) |
|  | 1.56 | 1.52 | 1.49 | 1.48 | 1.54 | $(1.4,1.6)$ | 1.48 | $(1.4,1.6)$ | -0.06 | (-0.2,0.1) |
| Some college | 2.33 | 2.27 | 2.43 | 2.36 | 2.30 | (2.18,2.42) | 2.39 | (2.31,2.48) | 0.10 | (-0.04,0.24) |
|  | 1.53 | 1.35 | 1.43 | 1.32 | 1.43 | $(1.3,1.6)$ | 1.37 | $(1.3,1.5)$ | -0.06 | (-0.2,0.1) |
| College graduate | 2.20 | 2.19 | 2.28 | 2.29 | 2.20 | $(2.11,2.29)$ | 2.29 | (2.21,2.36) | 0.09 | (-0.03,0.20) |
|  | 1.38 | 1.56 | 1.33 | 1.28 | 1.47 | $(1.3,1.6)$ | 1.30 | $(1.2,1.4)$ | -0.16 | *(-0.3,0.0) |

[^49]Table 6-5. Parents ${ }^{\prime 1}$ and youth's reports on fun activities ${ }^{2,3}$, by youth age, gender, race/ethnicity, risk score, and sensation seeking, and parent gender and education

| Characteristics | Percent of parents and children reporting participation in three or more fun activities in past week |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parent perspective Child perspective |  |  |  |  |  |  |  |  |  |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 74.5 | 75.2 | 73.2 | 76.1 | 74.8 | (72.6,76.9) | 74.7 | (71.5,77.7) | -0.1 | (-3.7,3.5) |
|  | N/A | N/A | 72.8 | 73.9 | N/A | N/A | 73.3 | (70.6,75.9) | N/A | N/A |
| 14 to 15 | 67.4 | 68.2 | 59.9 | 69.3 | 67.8 | (63.4,71.9) | 64.3 | (60.7,67.8) | -3.5 | (-8.5,1.5) |
|  | N/A | N/A | 67.4 | 65.8 | N/A | N/A | 66.6 | (63.0,70.0) | N/A | N/A |
| 16 to 18 | 49.2 | 53.2 | 50.4 | 53.2 | 51.1 | (47.1,55.2) | 51.9 | (47.8,56.0) | 0.8 | (-5.0,6.5) |
|  | N/A | N/A | 54.0 | 50.8 | N/A | N/A | 52.3 | (47.9,56.6) | N/A | N/A |
| 14 to 18 | 57.4 | 60.2 | 55.0 | 60.3 | 58.8 | (55.8,61.8) | 57.7 | (54.9,60.4) | -1.1 | (-5.1,2.8) |
|  | N/A | N/A | 60.3 | 57.5 | N/A | N/A | 58.8 | (56.1,61.5) | N/A | N/A |
| 12 to 18 | 62.4 | 64.7 | 60.4 | 65.0 | 63.5 | (61.1,65.9) | 62.7 | (60.5,64.9) | -0.8 | (-4.0,2.3) |
|  | N/A | N/A | 64.3 | 62.4 | N/A | N/A | 63.3 | (61.1,65.4) | N/A | N/A |

Table 6-5. Parents ${ }^{1}$ and youth's reports on fun activities ${ }^{2}$, by youth age, gender, race/ethnicity, risk score, and sensation seeking, and parent gender and education (continued)

| Characteristics | Percent of parents and children reporting participation in three or more fun activities in past week |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parent perspective <br> Child perspective |  |  |  |  |  |  |  |  |  |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \end{gathered}$ | Wave 3 \% | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 62.4 | 61.3 | 57.1 | 62.6 | 61.8 | (58.3,65.2) | 59.9 | (56.9,62.8) |  | (-6.3,2.4) |
|  | N/A | N/A | 60.6 | 58.2 | N/A | N/A | 59.4 | (56.4,62.3) | N/A | N/A |
| Females | 62.4 | 68.3 | 63.9 | 67.5 | 65.3 | (62.4,68.2) | 65.7 | (62.3,68.9) | 0.3 | (-3.7,4.4) |
|  | N/A | N/A | 68.1 | 66.8 | N/A | N/A | 67.4 | (64.6,70.2) | N/A | N/A |
| White | 64.7 | 65.0 | 62.5 | 68.3 | 64.8 | (62.1,67.4) | 65.4 | (62.5,68.3) | 0.6 | (-3.2,4.4) |
|  | N/A | N/A | 66.0 | 63.3 | N/A | N/A | 64.6 | (61.8,67.2) | N/A | N/A |
| African American | 59.0 | 63.6 | 56.0 | 54.4 | 61.3 | (54.0,68.2) | 55.2 | (50.4,59.9) | -6.2 | (-14.2,1.9) |
|  | N/A | N/A | 60.5 | 56.8 | N/A | N/A | 58.6 | (51.9,65.0) | N/A | N/A |
| Hispanic | 54.7 | 60.7 | 54.6 | 61.6 | 57.7 | (51.5,63.6) | 58.1 | (52.6,63.4) | 0.4 | (-8.6,9.4) |
|  | N/A | N/A | 65.3 | 64.1 | N/A | N/A | 64.7 | (58.2,70.7) | N/A | N/A |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 48.4 | 57.4 | 50.7 | 54.5 | 52.7 | (48.7,56.6) | 52.6 | (49.0,56.1) | -0.1 | (-5.3,5.2) |
|  | N/A | N/A | 50.3 | 48.7 | N/A | N/A | 49.5 | (45.7,53.2) | N/A | N/A |
| Lower risk | 71.4 | 68.5 | 67.3 | 71.6 | 69.9 | (66.7,73.0) | 69.4 | (66.8,72.0) | -0.5 | (-4.2,3.2) |
|  | N/A | N/A | 73.2 | 69.7 | N/A | N/A | 71.4 | (68.6,74.0) | N/A | N/A |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 58.8 | 62.0 | 55.9 | 63.1 | 60.3 | (57.1,63.5) | 59.4 | (56.4,62.4) | -0.9 | (-4.9,3.0) |
|  | N/A | N/A | 61.3 | 56.3 | N/A | N/A | 58.8 | (56.0,61.5) | N/A | N/A |
| Low | 66.0 | 67.4 | 66.5 | 67.1 | 66.7 | (63.0,70.2) | 66.9 | (63.6,69.9) | 0.1 | (-4.3,4.5) |
|  | N/A | N/A | 67.6 | 69.3 | N/A | N/A | 68.5 | (65.3,71.5) | N/A | N/A |

Table 6-5. Parents ${ }^{1}$ and youth's reports on fun activities ${ }^{2}$, by youth age, gender, race/ethnicity, risk score, and sensation seeking, and parent gender and education (continued)

| Characteristics | Percent of parents and children reporting participation in three or more fun activities in past week Parent perspective Child perspective |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Parent gender |  |  |  |  |  |  |  |  |  |  |
| Males | 64.2 | 64.6 | 64.7 | 65.1 | 64.4 | (60.9,67.8) | 64.9 | (60.9,68.7) | 0.5 | (-4.7,5.7) |
|  | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Females | 61.5 | 64.8 | 58.2 | 64.9 | 63.0 | (59.5,66.5) | 61.6 | (59.3,63.9) | -1.4 | (-5.6,2.7) |
|  | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Parent education |  |  |  |  |  |  |  |  |  |  |
| Less than high school | 49.5 | 62.7 | 47.5 | 62.9 | 55.9 | (49.6,62.1) | 55.6 | $(51.2,59.9)$ | -0.3 | (-8.4,7.8) |
|  | N/A | N/A | 61.9 | 60.3 | N/A | N/A | 61.1 | $(55.1,66.7)$ | N/A | N/A |
| High school graduate | 59.2 | 60.5 | 57.7 | 59.7 | 59.8 | (56.6,62.9) | 58.7 | (54.8,62.4) | -1.1 | (-6.1,3.9) |
|  | N/A | N/A | 63.5 | 59.8 | N/A | N/A | 61.7 | (57.4,65.8) | N/A | N/A |
| Some college | 66.2 | 66.1 | 65.0 | 70.2 | 66.1 | (61.6,70.4) | 67.7 | (64.0,71.2) | 1.6 | (-4.4,7.6) |
|  | N/A | N/A | 68.6 | 65.8 | N/A | N/A | 67.0 | (63.4,70.5) | N/A | N/A |
| College graduate | 70.0 | 69.8 | 66.6 | 67.5 | 69.9 | (64.8,74.6) | 67.1 | (62.3,71.4) | -2.9 | (-8.6,2.9) |
|  | N/A | N/A | 65.9 | 63.1 | N/A | N/A | 64.5 | (60.6,68.2) | N/A | N/A |

[^50]Table 6-6. Percent of parents ${ }^{1}$ and their children who reported conversation ${ }^{2}$ about family rules or expectations about drug use in past 6 months, by age of child

## Talking with children about drugs

| Age of child | Percent reporting they had conversation about family rules or expectations about drug use Parent perspective Child perspective |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from <br> Year 2000 to Year 2001 <br> Est <br> 95\% C |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI |  |  |
| 12 to 13 | 80.7 | 77.0 | 82.8 | 80.5 | 78.9 | (76.0,81.4) | 81.6 | (78.8,84.2) | 2.8 | (-0.7,6.3) |
|  | 60.3 | 58.3 | 55.5 | 52.5 | 59.3 | (56.4,62.1) | 54.0 | (51.0,57.0) | -5.3 | *(-9.4,-1.1) |
| 14 to 15 | 82.0 | 79.5 | 78.9 | 83.2 | 80.8 | (76.0,84.7) | 81.0 | (77.3,84.2) | 0.2 | (-5.8,6.2) |
|  | 56.1 | 51.8 | 50.0 | 49.0 | 53.9 | (50.1,57.7) | 49.5 | (46.1,52.9) | -4.4 | (-9.5,0.7) |
| 16 to 18 | 77.6 | 76.4 | 84.6 | 79.1 | 77.0 | (73.6,80.1) | 81.7 | (78.3,84.7) | 4.7 | *(0.7,8.7) |
|  | 43.5 | 49.4 | 44.4 | 47.4 | 46.4 | $(43.3,49.5)$ | 46.0 | $(42.4,49.5)$ | -0.5 | (-5.1,4.2) |
| 14 to 18 | 79.6 | 77.9 | 81.8 | 80.9 | 78.8 | (75.6,81.6) | 81.4 | (78.8,83.7) | 2.6 | (-1.3,6.5) |
|  | 49.1 | 50.5 | 47.0 | 48.1 | 49.8 | $(47.1,52.5)$ | 47.6 | (44.9,50.2) | -2.2 | $(-5.6,1.1)$ |
| 12 to 18 | 79.9 | 77.6 | 82.1 | 80.8 | 78.8 | (76.3,81.0) | 81.5 | (79.2,83.5) | 2.7 | (-0.4,5.8) |
|  | 52.3 | 52.8 | 49.5 | 49.4 | 52.5 | $(50.3,54.8)$ | 49.4 | $(47.3,51.6)$ | -3.1 | *(-5.8,-0.4) |

'All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ These parent questions were repeated separately for each sample child.

Table 6-7. Percent of parents ${ }^{1}$ and their children who reported conversation ${ }^{2}$ about specific things the child could do to stay away from drugs in past 6 months, by age of child

## Talking with children about drugs

| Age of child | Percent reporting they had conversation about specific things child could do to stay away from drugs |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parent perspective <br> Child perspective |  |  |  |  |  |  |  |  |  |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | Wave 2 \% | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001Est $\quad 95 \%$ CI |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI |  |  |
| 12 to 13 | 71.4 | 70.5 | 76.0 | 74.1 | 70.9 | (68.4,73.3) | 75.0 | (72.1,77.8) | 4.1 | *(0.4,7.8) |
|  | 58.9 | 55.0 | 54.4 | 52.3 | 56.9 | (53.6,60.2) | 53.3 | (50.6,56.1) | -3.6 | (-7.8,0.6) |
| 14 to 15 | 65.1 | 68.2 | 70.4 | 77.7 | 66.6 | (61.9,71.1) | 73.9 | (70.2,77.3) | 7.2 | *(1.0,13.5) |
|  | 49.8 | 45.3 | 40.4 | 40.3 | 47.5 | (43.8,51.2) | 40.4 | (36.8,44.0) | -7.1 | *(-12.1,-2.1) |
| 16 to 18 | 64.4 | 66.1 | 68.7 | 67.2 | 65.3 | (61.3,69.0) | 67.9 | (64.2,71.5) | 2.7 | (-1.9,7.3) |
|  | 34.7 | 36.7 | 34.9 | 35.1 | 35.7 | (32.4,39.1) | 35.0 | (32.1,38.1) | -0.7 | (-4.8,3.4) |
| 14 to 18 | 64.7 | 67.1 | 69.5 | 71.8 | 65.9 | $(62.7,68.9)$ | 70.7 | (68.1,73.2) | 4.8 | *(0.7,8.9) |
|  | 41.4 | 40.7 | 37.5 | 37.4 | 41.0 | $(38.5,43.6)$ | 37.4 | (34.8,40.1) | -3.6 | *(-7.0,-0.2) |
| 12 to 18 | 66.7 | 68.1 | 71.5 | 72.5 | 67.4 | (64.8,69.9) | 72.0 | (69.8,74.0) | 4.6 | *(1.4,7.8) |
|  | 46.4 | 44.8 | 42.4 | 41.8 | 45.6 | $(43.3,48.0)$ | 42.1 | (40.1,44.2) | -3.5 | *(-6.3,-0.8) |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ These parent questions were repeated separately for each sample child.

Table 6-8. Percent of parents ${ }^{1}$ and their children who reported conversation ${ }^{2}$ about drug use in movies, music, and on TV in past 6 months, by age of child
Talking with children about drugs

| Age of child | Percent reporting they had conversations about drug use in movies, music, and on TV <br> Parent perspective <br> Child perspective |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| 12 to 13 | 62.3 | 57.8 | 64.9 | 65.9 | 60.1 | (57.0,63.0) | 65.4 | (61.6,69.0) | 5.3 | *(1.3,9.4) |
|  | 48.0 | 42.3 | 38.4 | 42.3 | 45.1 | (42.6,47.7) | 40.4 | (37.3,43.5) | -4.8 | *(-8.5,-1.0) |
| 14 to 15 | 59.0 | 59.6 | 57.7 | 63.1 | 59.3 | (54.7,63.6) | 60.3 | (55.8,64.6) | 1.0 | (-4.7,6.7) |
|  | 35.0 | 34.4 | 33.2 | 36.3 | 34.7 | (31.0,38.5) | 34.7 | (30.9,38.6) | 0.0 | (-5.5,5.5) |
| 16 to 18 | 51.8 | 54.2 | 59.8 | 59.7 | 53.0 | (48.3,57.6) | 59.7 | (55.8,63.6) | 6.7 | *(1.3,12.2) |
|  | 28.4 | 27.5 | 29.7 | 29.8 | 28.0 | (24.8,31.4) | 29.8 | (26.8,32.9) | 1.8 | (-2.0,5.6) |
| 14 to 18 | 55.1 | 56.7 | 58.8 | 61.2 | 55.9 | (52.6,59.1) | 60.0 | (56.9,63.0) | 4.1 | *(0.4,7.9) |
|  | 31.3 | 30.7 | 31.3 | 32.6 | 31.0 | (28.6,33.5) | 32.0 | (29.7,34.4) | 1.0 | (-2.0,4.0) |
| 12 to 18 | 57.2 | 57.1 | 60.6 | 62.6 | 57.1 | $(54.4,59.8)$ | 61.6 | (58.6,64.5) | 4.5 | *(1.3,7.7) |
|  | 36.1 | 34.1 | 33.4 | 35.5 | 35.1 | (33.1,37.1) | 34.4 | (32.6,36.4) | -0.6 | (-3.2,1.9) |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ These parent questions were repeated separately for each sample child.

Table 6-9. Percent of parents ${ }^{1}$ and their children who reported conversation ${ }^{2}$ about people they know who have gotten in trouble with drugs in past 6 months, by age of child

## Talking with children about drugs

| Age of child | Percent reporting they had conversation about people they know who have gotten in trouble with drugs |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parent perspective Child perspective |  |  |  |  |  |  |  |  |  |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| 12 to 13 | 65.5 | 65.7 | 68.6 | 63.7 | 65.6 | (62.6,68.4) | 66.1 | $(62.1,69.9)$ | 0.5 | (-3.2,4.3) |
|  | 44.5 | 45.2 | 42.3 | 37.8 | 44.9 | (42.0,47.8) | 40.1 | (37.4,42.8) | -4.8 | *(-8.7,-0.9) |
| 14 to 15 | 70.5 | 68.9 | 72.2 | 71.9 | 69.7 | (65.2,73.8) | 72.0 | (67.5,76.1) | 2.3 | (-3.2,7.8) |
|  | 53.4 | 49.0 | 47.4 | 48.1 | 51.1 | $(47.3,55.0)$ | 47.7 | (43.9,51.6) | -3.4 | (-8.8,2.0) |
| 16 to 18 | 73.0 | 71.4 | 76.9 | 77.8 | 72.2 | (67.4,76.6) | 77.4 | (73.8,80.6) | 5.1 | (-0.1,10.3) |
|  | 52.9 | 55.2 | 55.1 | 53.4 | 54.0 | $(50.2,57.8)$ | 54.2 | $(50.7,57.7)$ | 0.2 | (-4.2,4.5) |
| 14 to 18 | 71.9 | 70.2 | 74.6 | 75.2 | 71.1 | (67.2,74.7) | 74.9 | (71.6,77.9) | 3.8 | (-0.4,8.0) |
|  | 53.1 | 52.3 | 51.4 | 51.1 | 52.7 | (49.9,55.5) | 51.3 | $(48.5,54.1)$ | -1.4 | $(-4.8,2.0)$ |
| 12 to 18 | 70.0 | 68.9 | 72.8 | 71.8 | 69.4 | (66.3,72.4) | 72.3 | (69.3,75.1) | 2.9 | (-0.4,6.1) |
|  | 50.6 | 50.3 | 48.8 | 47.2 | 50.4 | $(48.1,52.8)$ | 48.0 | $(45.7,50.3)$ | -2.5 | (-5.4,0.5) |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ These parent questions were repeated separately for each sample child.

Table 6-10. Percent of parents ${ }^{1}$ and their children who reported having two or more conversations ${ }^{2}$ with their children/parents about drugs in past 6 months, by youth age, gender, race/ethnicity, risk score, and sensation seeking

Talking with children about drugs

| $\underline{\text { Characteristics }}$ | Percent reporting they had two or more conversations about drugs |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parent perspective Child perspective |  |  |  |  |  |  |  |  |  |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \end{gathered}$ | Wave 3 <br> \% | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 80.3 | 78.2 | 81.3 | 81.3 | 79.3 | (76.5,81.8) | 81.3 | (78.4,83.8) | 2.0 | $(-0.9,5.0)$ |
|  | 59.2 | 56.2 | 53.0 | 51.1 | 57.7 | $(54.6,60.8)$ | 52.0 | $(49.3,54.7)$ | -5.7 | *(-9.8,-1.7) |
| 14 to 15 | 81.7 | 79.3 | 82.1 | 86.3 | 80.5 | (75.8,84.5) | 84.1 | (80.5,87.1) | 3.6 | (-1.7,8.9) |
|  | 58.4 | 52.1 | 53.1 | 50.2 | 55.2 | (51.2,59.2) | 51.7 | (48.1,55.3) | -3.5 | (-8.6,1.7) |
| 16 to 18 | 78.2 | 79.9 | 83.3 | 81.9 | 79.1 | (75.7,82.0) | 82.6 | (79.6,85.2) | 3.5 | (-0.6,7.6) |
|  | 48.4 | 51.7 | 44.7 | 47.8 | 50.0 | $(46.4,53.7)$ | 46.4 | (42.8,50.0) | -3.7 | (-8.6,1.2) |
| 14 to 18 | 79.8 | 79.7 | 82.7 | 83.8 | 79.7 | (76.8,82.4) | 83.3 | (81.0,85.3) | 3.5 | *(0.1,7.0) |
|  | 52.8 | 51.9 | 48.7 | 48.9 | 52.4 | (49.5,55.2) | 48.8 | (46.3,51.3) | -3.6 | *(-6.7,-0.5) |
| 12 to 18 | 79.9 | 79.2 | 82.3 | 83.1 | 79.6 | (77.0,81.9) | 82.7 | (80.7,84.5) | 3.1 | *(0.5,5.7) |
|  | 54.7 | 53.1 | 50.0 | 49.5 | 53.9 | (51.6,56.2) | 49.7 | $(47.8,51.7)$ | -4.2 | *(-6.8,-1.5) |

Table 6-10. Percent of parents ${ }^{1}$ and their children who reported having two or more conversations ${ }^{2}$ with their children/parents about drugs in past 6 months, by youth age, gender, race/ethnicity, risk score, and sensation seeking (continued)
Talking with children about drugs

| Characteristics | Percent reporting they had two or more conversations about drugs |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parent perspective <br> Child perspective |  |  |  |  |  |  |  |  |  |
|  | Wave 1 | Wave 2 | Wave 3 | Wave 4 | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  | \% | \% | \% | \% | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 81.7 | 81.6 | 81.4 | 84.2 | 81.7 | (78.8,84.2) | 82.8 | (80.5,84.9) | 1.2 | (-1.5,3.9) |
|  | 53.4 | 53.2 | 45.2 | 47.8 | 53.3 | (50.5,56.1) | 46.5 | (43.8,49.2) | -6.8 | *(-10.5,-3.2) |
| Females | 78.1 | 76.7 | 83.2 | 81.8 | 77.4 | $(74.1,80.3)$ | 82.5 | (79.9,84.9) | 5.1 | *(1.2,9.1) |
|  | 56.0 | 53.1 | 55.0 | 51.3 | 54.5 | (51.4,57.7) | 53.2 | (50.1,56.2) | -1.4 | (-5.1,2.4) |
| White | 79.3 | 80.9 | 82.0 | 84.4 | 80.1 | $(77.1,82.7)$ | 83.2 | (80.9,85.3) | 3.1 | *(0.1,6.2) |
|  | 53.7 | 52.3 | 50.1 | 48.0 | 53.0 | $(50.5,55.6)$ | 49.0 | $(46.5,51.6)$ | -4.0 | *(-7.1,-0.8) |
| African American | 79.8 | 79.6 | 80.4 | 80.3 | 79.7 | (74.2,84.3) | 80.4 | (75.0,84.8) | 0.6 | (-5.0,6.3) |
|  | 60.1 | 52.8 | 51.4 | 55.0 | 56.3 | (50.3,62.2) | 53.2 | (47.4,59.0) | -3.1 | (-10.7,4.5) |
| Hispanic | $83.2$ | $76.1$ | $88.3$ | $81.2$ | $79.6$ | $(74.8,83.8)$ | $84.8$ | $(80.2,88.4)$ | 5.1 | $(-1.0,11.2)$ |
|  | $57.5$ | $58.5$ | $49.6$ | $51.2$ | $58.0$ | $(52.5,63.3)$ | $50.4$ | $(45.4,55.4)$ | -7.6 | $*(-14.7,-0.4)$ |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 78.8 | 84.0 | 83.8 | 83.7 | 81.3 | $(78.4,83.9)$ | 83.8 | (80.4,86.6) | 2.5 | (-1.6,6.6) |
|  | 52.4 | 54.8 | 50.2 | 48.9 | 53.6 | (49.9,57.2) | 49.6 | $(46.1,53.0)$ | -4.0 | (-9.1,1.1) |
| Lower risk | $80.6$ | $76.6$ | $81.3$ | $82.8$ | $78.5$ |  | $82.1$ | $(79.2,84.6)$ | $3.5$ | *(0.4,6.7) |
|  | $58.0$ | $51.4$ | $50.8$ | $51.1$ | $54.6$ | $(51.8,57.5)$ | $50.9$ | $(48.2,53.6)$ | -3.7 | $(-7.4,0.0)$ |
| Sensation seeking High $\qquad$ |  |  |  |  |  |  |  |  |  |  |
|  | 80.9 | 81.7 | 83.6 | 82.9 | 81.3 | (78.5,83.8) | 83.3 | (80.7,85.5) | 2.0 | (-1.1,5.1) |
|  | 50.6 | 51.1 | 49.7 | 45.5 | 50.9 | $(48.1,53.6)$ | 47.6 | (44.6,50.8) | -3.2 | (-6.8,0.4) |
| Low | 78.4 | 76.8 | 80.1 | 83.4 | 77.6 | (73.7,81.1) | 81.8 | (78.4,84.8) | 4.2 | *(0.7,7.7) |
|  | 60.3 | 55.0 | 50.2 | 54.7 | 57.6 | (54.1,61.0) | 52.5 | (49.8,55.2) | -5.1 | *(-9.5,-0.7) |

[^51]Table 6-11. Percent of parents ${ }^{1}$ and their children who reported that parents know what child is doing when he or she is away from home ${ }^{2}$, by age of child

## Monitoring Children

| Age of child | Percent saying they know what child is doing when s/he is away from home <br> Parent perspective <br> Child perspective |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |
|  | Wave 1 | $\begin{gathered} \text { Wave } 2 \\ \% \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| 12 to 13 | 66.7 | 67.8 | 71.9 | 73.5 | 67.2 | (64.3,70.0) | 72.7 | (70.1,75.2) | 5.5 | *(1.8,9.2) |
|  | 52.8 | 52.1 | 52.5 | 54.3 | 52.5 | (49.5,55.5) | 53.4 | $(50.5,56.3)$ | 0.9 | (-2.8,4.7) |
| 14 to 15 | 61.6 | 61.9 | 62.6 | 62.5 | 61.8 | (58.2,65.2) | 62.5 | (58.9,66.0) | 0.8 | (-4.1,5.6) |
|  | 47.9 | 45.6 | 48.3 | 50.3 | 46.7 | (43.2,50.3) | 49.3 | $(45.7,52.9)$ | 2.5 | (-2.0,7.1) |
| 16 to 18 | 48.9 | 53.1 | 52.1 | 55.4 | 51.0 | (47.3,54.6) | 53.8 | (49.4,58.2) | 2.8 | (-2.6,8.2) |
|  | 40.8 | 41.6 | 42.1 | 40.9 | 41.2 | (38.1,44.3) | 41.5 | (37.7,45.4) | 0.3 | (-4.0,4.7) |
| 14 to 18 | 54.6 | 57.3 | 57.2 | 58.5 | 55.9 | (53.3,58.6) | 57.8 | (54.6,61.0) | 1.9 | (-1.5,5.3) |
|  | 43.9 | 43.4 | 45.0 | 45.0 | 43.7 | $(41.1,46.3)$ | 45.0 | $(42.1,48.0)$ | 1.3 | (-2.0,4.6) |
| 12 to 18 | 58.1 | 60.4 | 61.5 | 62.9 | 59.3 | (57.0,61.4) | 62.2 | (59.7,64.7) | 3.0 | *(0.0,5.9) |
|  | 46.5 | 46.0 | 47.2 | 47.7 | 46.2 | (44.4,48.1) | 47.5 | $(45.1,49.8)$ | 1.2 | (-1.2,3.7) |

[^52]Table 6-12. Percent of parents ${ }^{1}$ and their children who reported that parents know what child's plans are for the coming day ${ }^{2}$, by age of child

## Monitoring Children

| Age of child | Percent saying they always or almost always know what child's plans are for the coming day Parent perspective Child perspective |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| 12 to 13 | 64.6 | 63.9 | 70.1 | 69.0 | 64.2 | (61.3,67.0) | 69.5 | (66.6,72.3) | 5.3 | *(1.7,8.9) |
|  | 35.5 | 33.9 | 33.0 | 37.2 | 34.7 | (31.7,37.8) | 35.1 | (32.2,38.2) | 0.5 | (-3.2,4.2) |
| 14 to 15 | 59.9 | 57.1 | 60.1 | 59.4 | 58.5 | (54.2,62.6) | 59.8 | $(55.5,63.9)$ | 1.3 | (-4.6,7.3) |
|  | 32.6 | 30.5 | 31.8 | 33.2 | 31.5 | (28.0,35.3) | 32.5 | (28.7,36.5) | 0.9 | (-3.8,5.7) |
| 16 to 18 | 48.4 | 51.5 | 51.6 | 51.8 | 49.9 | $(45.9,53.9)$ | 51.7 | $(47.6,55.8)$ | 1.8 | (-3.8,7.5) |
|  | 27.6 | 29.3 | 24.9 | 25.2 | 28.5 | (25.0,32.2) | 25.0 | (21.4,29.0) | -3.4 | (-7.8,0.9) |
| 14 to 18 | 53.6 | $54.2$ | $55.8$ | $55.1$ | $53.9$ | (50.9,56.8) | 55.5 | $(52.2,58.6)$ | 1.6 | (-2.3,5.5) |
|  | 29.8 | $29.9$ | $28.1$ | $28.7$ | $29.9$ | $(26.9,32.9)$ | 28.4 | $(25.7,31.2)$ | -1.4 | (-4.4,1.6) |
| 12 to 18 | 56.8 | 57.0 | 60.0 | 59.2 | 56.9 | (54.5,59.2) | 59.6 | (57.2,62.0) | 2.7 | (-0.2,5.6) |
|  | 31.5 | 31.0 | 29.6 | 31.2 | 31.2 | (28.8,33.8) | 30.4 | $(28.2,32.7)$ | -0.9 | (-3.5,1.8) |

[^53]Table 6-13. Percent of parents ${ }^{1}$ and their children who reported saying child never spends free time in the afternoons hanging out with friends without adult supervision ${ }^{2}$, by age of child

## Monitoring Children

| Age of child | Percent saying they never spend unsupervised free time in the afternoons hanging out with friends |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parent perspective <br> Child perspective |  |  |  |  |  |  |  |  |  |
|  | Wave 1 | Wave 2 | Wave 3 | Wave 4 | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  | \% | \% | \% | \% | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| 12 to 13 | 33.8 | 33.4 | 40.7 | 35.0 | 33.6 | (31.2,36.1) | 37.8 | (34.7,41.0) | 4.2 | *(0.3,8.1) |
|  | 15.2 | 16.6 | 21.2 | 19.1 | 15.9 | $(14.1,17.9)$ | 20.2 | $(17.8,22.7)$ | 4.2 | *(1.2,7.2) |
| 14 to 15 | 28.6 | 25.0 | 22.8 | 23.8 | 26.8 | (23.4,30.5) | 23.3 | $(20.5,26.3)$ | -3.5 | (-8.2,1.1) |
|  | 7.9 | 8.7 | 5.3 | 7.5 | 8.3 | (6.2,11.0) | 6.3 | (5.0,8.0) | -1.9 | (-4.4,0.6) |
| 16 to 18 | 16.2 | 17.6 | 17.9 | 13.3 | 16.9 | $(14.2,19.9)$ | 15.5 | $(12.6,18.9)$ | -1.4 | (-5.0,2.2) |
|  | 5.5 | 5.6 | 4.3 | 3.2 | 5.6 | (4.1,7.5) | 3.7 | $(2.6,5.4)$ | -1.8 | (-3.7,0.1) |
| 14 to 18 | 21.8 | $21.1$ | 20.3 | 17.9 | 21.4 | (19.3,23.8) | $19.1$ | $(17.0,21.4)$ | -2.3 | (-5.2,0.6) |
|  | 6.6 | $7.0$ | 4.8 | 5.1 | 6.8 | $(5.6,8.3)$ | 4.9 | $(3.9,6.2)$ | -1.9 | *(-3.2,-0.5) |
| 12 to 18 | 25.3 | 24.7 | 26.3 | 23.0 | 25.0 | (23.4,26.7) | 24.6 | (22.7,26.6) | -0.4 | (-2.6,1.9) |
|  | 9.1 | 9.8 | 9.6 | 9.2 | 9.5 | (8.4,10.6) | 9.4 | (8.3,10.6) | 0.0 | (-1.3,1.2) |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ These parent questions were repeated separately for each sample child.

Table 6-14. Percent of parents ${ }^{1}$ who reported that they personally know child's friends very well ${ }^{2}$, by age of child

## Monitoring Children

| Age of child | Percent saying they personally know child's friends very well |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| 12 to 13 | 40.1 | 41.6 | 42.7 | 47.5 | 40.9 | (38.0,43.8) | 45.1 | $(42.5,47.8)$ | 4.2 | (-0.1,8.6) |
| 14 to 15 | 36.5 | 33.6 | 31.8 | 37.7 | 35.0 | (31.9,38.3) | 34.6 | (31.6,37.7) | -0.4 | (-4.7,3.9) |
| 16 to 18 | 31.6 | 33.6 | 29.7 | 38.8 | 32.6 | (29.2,36.1) | 34.5 | (31.3,37.7) | 1.9 | (-2.6,6.4) |
| 14 to 18 | 33.8 | 33.6 | 30.7 | 38.3 | 33.7 | (31.4,36.1) | 34.5 | (32.3,36.8) | 0.8 | (-2.2,3.8) |
| 12 to 18 | 35.6 | 36.0 | 34.2 | 41.0 | 35.8 | (33.9,37.8) | 37.7 | (35.8,39.5) | 1.8 | (-0.8,4.5) |

[^54]${ }^{2}$ These parent questions were repeated separately for each sample child.

Table 6-15. Percent of parents ${ }^{1}$ who reported that they require child to be home before midnight ${ }^{2}$ on weekends, by age of child

## Monitoring Children

| Age of child | Percent saying they require child to be home before midnight |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 | Wave 2 | Wave 3 | Wave 4 | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  | \% | \% | \% | \% | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| 12 to 13 | 94.9 | 96.7 | 96.3 | 95.8 | 95.8 | (94.2,97.0) | 96.1 | (93.0,97.8) | 0.3 | (-2.0,2.5) |
| 14 to 15 | 93.7 | 96.5 | 95.7 | 93.5 | 95.1 | $(93.1,96.6)$ | 94.6 | (92.1,96.4) | -0.5 | (-3.1,2.1) |
| 16 to 18 | 83.2 | 86.5 | 84.8 | 82.7 | 84.8 | (82.1,87.2) | 83.7 | (81.1,86.0) | -1.1 | (-4.6,2.3) |
| 14 to 18 | 88.0 | 91.2 | 90.1 | 87.5 | 89.6 | (87.7,91.2) | 88.8 | (87.2,90.2) | -0.8 | (-2.9,1.3) |
| 12 to 18 | 90.0 | 92.8 | 92.0 | 89.9 | 91.4 | $(89.8,92.7)$ | 90.9 | (89.5,92.2) | -0.5 | (-2.1,1.2) |

[^55]${ }^{2}$ These parent questions were repeated separately for each sample child.

Table 6-16. Parent ${ }^{1}$ and youth reports of engaging in projects or activities with children ${ }^{2}$ in past week, by youth age, gender, race/ethnicity, risk score, and sensation seeking

## Engaging in fun family activities

| Characteristics | Percent saying they did projects or activities with child at home more than once in past week <br> Parent perspective <br> Child perspective |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 <br> \% | $\begin{gathered} \text { Wave } 2 \\ \% \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from <br> Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 69.1 | 69.5 | 68.4 | 70.3 | 69.3 | (66.7,71.7) | 69.3 | (66.4,72.1) | 0.0 | (-3.6,3.7) |
|  | N/A | N/A | 61.8 | 60.7 | N/A | N/A | 61.2 | (58.6,63.8) | N/A | N/A |
| 14 to 15 | 63.7 | 62.8 | 55.1 | 61.7 | 63.2 | (59.3,67.1) | 58.2 | (54.3,62.0) | -5.0 | (-10.4,0.4) |
|  | N/A | N/A | 52.3 | 52.1 | N/A | N/A | 52.2 | (48.5,55.8) | N/A | N/A |
| 16 to 18 | 51.5 | 45.5 | 49.6 | 47.2 | 48.5 | (44.1,53.0) | 48.3 | (44.6,52.1) | -0.2 | (-6.3,6.0) |
|  | N/A | N/A | 42.4 | 41.4 | N/A | N/A | 41.9 | (38.5,45.3) | N/A | N/A |
| 14 to 18 | 57.0 | 53.6 | 52.3 | 53.6 | 55.3 | (52.1,58.4) | 52.9 | (50.3,55.5) | -2.4 | (-6.6,1.8) |
|  | N/A | N/A | 47.0 | 46.1 | N/A | N/A | 46.5 | (44.0,49.1) | N/A | N/A |
| 12 to 18 | 60.5 | 58.3 | 57.0 | 58.5 | 59.4 | (56.8,62.0) | 57.8 | $(55.7,59.8)$ | -1.6 | (-4.9,1.6) |
|  | N/A | N/A | 51.4 | 50.3 | N/A | N/A | 50.9 | (49.0,52.7) | N/A | N/A |

Table 6-16. Parent ${ }^{1}$ and youth reports of engaging in projects or activities with children ${ }^{2}$ in past week, by youth age, gender, race/ethnicity, risk score, and sensation seeking (continued)

Engaging in fun family activities

| Characteristics | Percent saying they did projects or activities with child at home more than once in past week |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parent perspective <br> Child perspective |  |  |  |  |  |  |  |  |  |
|  | Wave 1 | Wave 2 | Wave 3 | Wave 4 | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from <br> Year 2000 to Year 2001 |  |
|  | \% | \% | \% | \% | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 60.5 | 57.6 | 54.6 | 57.4 | 59.0 | (55.7,62.3) | 56.0 | (52.9,59.0) | -3.1 | (-7.9,1.7) |
|  | N/A | N/A | 51.3 | 48.4 | N/A | N/A | 49.8 | (46.9,52.7) | N/A | N/A |
| Females | 60.5 | 59.1 | 59.6 | 59.7 | 59.8 | (56.7,62.9) | 59.7 | (56.2,63.0) | -0.1 | (-4.0,3.8) |
|  | N/A | N/A | 51.5 | 52.4 | N/A | N/A | 51.9 | (49.8,54.1) | N/A | N/A |
| White | 62.3 | 59.0 | 57.9 | 61.8 | 60.6 | (57.6,63.6) | 59.9 | (57.4,62.3) | -0.7 | (-4.4,2.9) |
|  | N/A | N/A | 51.2 | 51.4 | N/A | N/A | 51.3 | (48.9,53.7) | N/A | N/A |
| African American | 61.6 | 57.5 | 54.4 | 49.7 | 59.5 | (53.1,65.7) | 52.0 | (45.8,58.2) | -7.5 | (-15.9,0.8) |
|  | N/A | N/A | 54.0 | 49.9 | N/A | N/A | 51.9 | (46.4,57.5) | N/A | N/A |
| Hispanic | 52.3 | 54.5 | 55.5 | 54.6 | 53.4 | (47.3,59.5) | 55.0 | (48.7,61.2) | 1.6 | (-8.8,12.1) |
|  | N/A | N/A | 51.6 | 46.8 | N/A | N/A | 49.2 | (43.8,54.6) | N/A | N/A |
|  |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 49.0 | 51.5 | 49.3 | 49.1 | 50.2 | (46.2,54.1) | 49.2 | (45.9,52.5) | -1.0 | (-6.2,4.2) |
|  | N/A | N/A | 41.4 | 41.3 | N/A | N/A | 41.3 | (37.8,45.0) | N/A | N/A |
| Lower risk | 67.8 | 62.0 | 62.4 | 64.4 | 64.8 | (61.6,68.0) | 63.4 | (60.7,66.0) | -1.5 | (-5.5,2.6) |
|  | N/A | N/A | 58.9 | 56.5 | N/A | N/A | 57.7 | (54.9,60.4) | N/A | N/A |
| Sensation seeking High $\qquad$ | 56.8 | 56.4 | 53.1 | 56.5 | 56.6 | (53.2,59.9) | 54.7 | (51.9,57.5) | -1.9 | (-5.7,2.0) |
|  | N/A | N/A | 45.5 | 44.4 | N/A | N/A | 44.9 | (42.3,47.6) | N/A | N/A |
| Low | 64.3 | 60.2 | 62.1 | 60.8 | 62.2 | (58.4,65.8) | 61.4 | (58.2,64.5) | -0.8 | (-5.5,3.9) |
|  | N/A | N/A | 59.7 | 58.1 | N/A | N/A | 58.9 | (56.1,61.6) | N/A |  |

[^56]Table 6-17. Parent ${ }^{1}$ and youth reports of going someplace for fun with children ${ }^{2}$ in the past week, by youth age, gender, race/ethnicity, risk score, and sensation seeking

## Engaging in fun family activities

| $\underline{\text { Characteristics }}$ | Percent saying they went someplace to do activity we both enjoy more than once in past week Parent perspective Child perspective |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | Wave 3$\qquad$ \% | Wave 4$\%$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 58.4 | 62.4 | 55.5 | 63.4 | 60.4 | (57.6,63.2) | 59.5 | (56.4,62.4) | -1.0 | (-4.9,3.0) |
|  | N/A | N/A | 55.4 | 57.1 | N/A | N/A | 56.3 | $(53.5,58.9)$ | N/A | N/A |
| 14 to 15 | 49.0 | 49.5 | 46.1 | 54.4 | 49.3 | (45.1,53.5) | 50.1 | $(46.7,53.4)$ | 0.8 | (-4.1,5.7) |
|  | N/A | N/A | 46.1 | 49.8 | N/A | N/A | 47.9 | (44.6,51.2) | N/A | N/A |
| 16 to 18 | 38.0 | 44.3 | 32.2 | 42.1 | 41.1 | (36.8,45.6) | 37.4 | (33.6,41.3) | -3.7 | (-9.4,1.9) |
|  | N/A | N/A | 36.9 | 37.1 | N/A | N/A | 37.0 | $(33.7,40.4)$ | N/A | N/A |
| 14 to 18 | 43.0 | 46.7 | 39.0 | 47.5 | 44.9 | (41.6,48.2) | 43.2 | (40.5,46.0) | -1.6 | (-5.8,2.6) |
|  | N/A | N/A | 41.2 | 42.6 | N/A | N/A | 41.9 | (39.7,44.2) | N/A | N/A |
| 12 to 18 | 47.5 | 51.4 | 43.9 | 52.2 | 49.4 | (46.9,52.0) | 48.0 | $(45.7,50.4)$ | -1.4 | (-4.8,2.0) |
|  | N/A | N/A | 45.4 | 46.9 | N/A | N/A | 46.1 | $(44.4,47.9)$ | N/A | N/A |

Table 6-17. Parent ${ }^{1}$ and youth reports of going someplace for fun with children ${ }^{2}$ in the past week, by youth age, gender, race/ethnicity, risk score, and sensation seeking (continued)

Engaging in fun family activities

| Characteristics | Percent saying they went someplace to do activity we both enjoy more than once in past week |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parent perspective <br> Child perspective |  |  |  |  |  |  |  |  |  |
|  | Wave 1 | Wave 2 | Wave 3 | Wave 4 | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  | \% | \% | \% | \% |  | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 46.1 | 46.4 | 40.3 | 50.3 | 46.2 | (43.4,49.1) | 45.3 | $(42.1,48.7)$ | -0.9 | (-5.2,3.4) |
|  | N/A | N/A | 42.6 | 43.9 | N/A | N/A | 43.3 | $(40.9,45.6)$ | N/A | N/A |
| Females | 49.0 | 56.7 | 47.6 | 54.1 | 52.8 | $(49.0,56.6)$ | 50.9 | (47.6,54.1) | -1.9 | (-6.9,3.1) |
|  | N/A | N/A | 48.4 | 50.0 | N/A | N/A | 49.2 | $(46.8,51.5)$ | N/A | N/A |
| White | 49.5 | 54.3 | 46.3 | 54.2 | 51.9 | (48.7,55.1) | 50.3 | $(47.0,53.5)$ | -1.6 | (-6.3,3.0) |
|  | N/A | N/A | 44.4 | 47.3 | N/A | N/A | 45.9 | $(43.5,48.2)$ | N/A | N/A |
| African American | 43.0 | 46.6 | 42.5 | 42.5 | 44.8 | (39.4,50.4) | 42.5 | (38.5,46.6) | -2.4 | (-8.9,4.1) |
|  | N/A | N/A | 45.7 | 42.0 | N/A | N/A | 43.8 | (38.4,49.3) | N/A | N/A |
| Hispanic | 42.0 | 41.7 | 37.0 | 53.0 | 41.9 | (36.4,47.5) | 45.1 | $(39.9,50.4)$ | 3.2 | (-4.3,10.7) |
|  | N/A | N/A | 50.6 | 50.2 | N/A | N/A | 50.4 | (44.9,55.9) | N/A | N/A |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 36.4 | 44.2 | 34.0 | 41.2 | 40.1 | (35.8,44.6) | 37.6 | (33.7,41.6) | -2.5 | (-8.6,3.6) |
|  | N/A | N/A | 33.7 | 35.5 | N/A | N/A | 34.6 | $(31.6,37.7)$ | N/A | N/A |
| Lower risk | $54.8$ | $55.2$ | $50.6$ | $58.8$ | $55.0$ | $(52.1,57.8)$ | $54.7$ | (51.9,57.5) | $-0.3$ | (-4.2,3.7) |
|  | N/A | N/A | 53.7 | $53.6$ | N/A | N/A | $53.6$ | $(51.2,56.0)$ | N/A | N/A |
| Sensation seeking High $\qquad$ |  |  |  |  |  |  |  |  |  |  |
|  | 44.7 | 49.7 | 39.9 | 49.1 | 47.1 | $(43.6,50.7)$ | 44.4 | $(41.5,47.4)$ | -2.7 | (-7.1,1.6) |
|  | N/A | N/A | 42.4 | 42.1 | N/A | N/A | 42.3 | (40.0,44.6) | N/A | N/A |
| Low | 50.4 | 52.8 | 49.2 | 55.6 | 51.6 | $(48.6,54.7)$ | 52.5 | (49.3,55.7) | 0.9 | (-3.7,5.5) |
|  | N/A | N/A | 49.1 | 52.6 | N/A | N/A | 50.9 | $(48.2,53.5)$ | N/A | N/A |

[^57]Table 6-18. Parents ${ }^{1}$ prior direct involvement by expressing views to family members to support opinions about drug use, by gender, race/ethnicity, education, and age of child(ren)

| Characteristics | Percent saying they expressed views to family members |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 \% | $\begin{gathered} \text { Wave } 2 \\ \% \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Overall | 91.0 | 91.2 | 92.4 | 90.2 | 91.1 | $(89.5,92.5)$ | 91.3 | $(89.5,92.7)$ | 0.2 | (-1.6,1.9) |
| Males | 91.5 | 90.8 | 95.3 | 89.8 | 91.2 | (88.6,93.2) | 92.6 | (90.8,94.1) | 1.5 | (-1.4,4.3) |
| Females | 90.7 | 91.6 | 90.5 | 90.4 | 91.1 | $(89.2,92.7)$ | 90.4 | (87.9,92.5) | -0.7 | (-2.9,1.6) |
| White | 91.8 | 92.6 | 93.0 | 92.7 | 92.2 | $(90.3,93.7)$ | 92.8 | (91.3,94.1) | 0.6 | (-1.2,2.5) |
| African American | 90.2 | 94.4 | 93.6 | 86.5 | 92.4 | $(89.1,94.7)$ | 90.0 | (84.8,93.6) | -2.3 | (-5.9,1.2) |
| Hispanic | 89.9 | 82.8 | 89.5 | 80.7 | 86.3 | (80.7,90.4) | 84.9 | (78.9,89.5) | -1.3 | (-7.7,5.0) |
| Less than high school | 85.7 | 84.5 | 91.6 | 83.1 | 85.1 | $(80.9,88.5)$ | 87.2 | (82.3,90.8) | 2.1 | (-3.5,7.6) |
| High school graduate | 89.6 | 89.6 | 89.7 | 90.9 | 89.6 | $(85.9,92.4)$ | 90.3 | (87.4,92.6) | 0.7 | (-3.2,4.6) |
| Some college | 93.5 | 95.5 | 96.0 | 91.5 | 94.6 | $(92.2,96.3)$ | 93.6 | $(90.5,95.7)$ | -1.0 | (-4.1,2.1) |
| College graduate | 92.9 | 91.8 | 93.4 | 91.1 | 92.3 | $(89.8,94.3)$ | 92.3 | (89.7,94.3) | 0.0 | (-2.8,2.8) |
| One or more child(ren) ${ }^{2}$ aged: |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 90.3 | 90.4 | 92.9 | 88.7 | 90.4 | $(88.3,92.1)$ | 90.9 | $(88.5,92.8)$ | 0.5 | (-1.8,2.8) |
| 14 to 18 | 91.7 | 92.0 | 92.7 | 91.4 | 91.8 | (90.1,93.3) | 92.0 | (90.1,93.6) | 0.2 | (-1.8,2.1) |
| 12 to 18 | 91.0 | 91.2 | 92.4 | 90.2 | 91.1 | $(89.5,92.5)$ | 91.3 | $(89.5,92.7)$ | 0.2 | (-1.6,1.9) |

[^58]Table 6-19. Parents ${ }^{1}$ prior direct involvement by written letter to political official/newspaper to support opinions about drug use, by gender, race/ethnicity, education, and age of child(ren)

| Characteristics | Percent saying they have written letter to political official/newspaper |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 \% | Wave 2 \% | Wave 3 \% | Wave 4$\qquad$ \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Overall | 6.5 | 8.6 | 8.2 | 7.6 | 7.5 | $(6.3,9.0)$ | 7.9 | $(6.7,9.3)$ | 0.4 | (-1.6,2.3) |
| Males | 6.1 | 9.0 | 9.3 | 8.4 | 7.7 | $(5.5,10.6)$ | 8.9 | $(6.7,11.6)$ | 1.2 | (-2.3,4.7) |
| Females | 6.7 | 8.3 | 7.4 | 7.1 | 7.5 | (6.0,9.3) | 7.3 | (6.0,8.7) | -0.2 | (-2.2,1.8) |
| White | 6.1 | 7.7 | 6.6 | 8.0 | 6.9 | $(5.5,8.6)$ | 7.3 | $(6.0,8.9)$ | 0.4 | (-1.6,2.5) |
| African American | 9.7 | 13.3 | 16.2 | 5.3 | 11.5 | $(7.9,16.5)$ | 10.8 | $(6.9,16.3)$ | -0.8 | (-7.3,5.8) |
| Hispanic | 4.5 | 8.2 | 7.5 | 6.0 | 6.4 | $(3.6,11.3)$ | 6.7 | $(4.0,11.1)$ | 0.3 | (-5.1,5.7) |
| Less than high school | 4.0 | 12.1 | 8.7 | 4.1 | 8.0 | $(5.2,11.9)$ | 6.3 | $(3.5,10.9)$ | -1.7 | (-6.7,3.3) |
| High school graduate | 6.5 | 5.7 | 7.6 | 6.1 | 6.2 | $(4.3,8.7)$ | 6.8 | $(5.2,8.9)$ | 0.7 | (-2.4,3.8) |
| Some college | 4.6 | 12.2 | 10.2 | 9.6 | 8.6 | $(6.2,11.8)$ | 9.9 | $(7.6,12.9)$ | 1.3 | (-2.5,5.1) |
| College graduate | 7.9 | 6.3 | 7.1 | 9.0 | 7.1 | $(5.5,9.1)$ | 8.0 | $(5.7,11.3)$ | 0.9 | (-1.8,3.7) |
| One or more child(ren) ${ }^{2}$ aged: |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 5.7 | 6.4 | 8.5 | 6.4 | 6.0 | $(4.8,7.5)$ | 7.4 | $(5.9,9.4)$ | 1.4 | (-0.4,3.2) |
| 14 to 18 | 6.7 | 9.6 | 8.4 | 8.3 | 8.1 | $(6.5,10.1)$ | 8.4 | $(6.8,10.2)$ | 0.3 | (-2.2,2.8) |
| 12 to 18 | 6.5 | 8.6 | 8.2 | 7.6 | 7.5 | (6.3,9.0) | 7.9 | (6.7,9.3) | 0.4 | (-1.6,2.3) |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ Responses from parents with children in multiple rows are included in each relevant percentage.

Table 6-20. Parents ${ }^{1}$ prior direct involvement by calling radio or TV call-in show to support opinions about drug use, by gender, race/ethnicity, education, and age of child(ren)

| Characteristics | Percent saying they called radio or TV call-in show |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Overall | 5.3 | 7.2 | 7.9 | 6.0 | 6.2 | $(5.1,7.6)$ | 7.0 | $(5.7,8.5)$ | 0.7 | (-1.1,2.6) |
| Males | 5.9 | 7.4 | 9.4 | 6.9 | 6.7 | $(4.8,9.2)$ | 8.2 | (6.2,10.8) | 1.5 | (-1.6,4.6) |
| Females | 5.0 | 7.0 | 6.9 | 5.5 | 5.9 | $(4.6,7.5)$ | 6.2 | $(4.8,7.9)$ | 0.2 | (-1.8,2.3) |
| White | 4.2 | 5.2 | 5.3 | 4.9 | 4.7 | $(3.6,6.1)$ | 5.1 | $(4.0,6.6)$ | 0.4 | (-1.1,2.0) |
| African American | 12.5 | 14.0 | 21.7 | 12.6 | 13.3 | (9.5,18.2) | 17.2 | $(12.3,23.4)$ | 3.9 | (-3.5,11.3) |
| Hispanic | 5.8 | 9.7 | 9.5 | 5.9 | 7.8 | (5.2,11.5) | 7.6 | $(4.6,12.3)$ | -0.2 | (-5.1,4.7) |
| Less than high school_ | 5.1 | 7.9 | 12.7 | 5.1 | 6.5 | $(4.1,10.0)$ | 8.7 | (5.1,14.5) | 2.3 | (-2.6,7.2) |
| High school graduate | 6.4 | 7.0 | 5.0 | 7.2 | 6.7 | $(4.8,9.3)$ | 6.1 | $(4.3,8.5)$ | -0.6 | (-3.6,2.3) |
| Some college | 6.1 | 9.9 | 12.8 | 8.1 | 8.1 | $(6.0,10.9)$ | 10.2 | (7.2,14.4) | 2.1 | (-2.3,6.5) |
| College graduate | 2.8 | 4.1 | 5.5 | 2.8 | 3.4 | $(2.4,5.0)$ | 4.2 | $(2.6,6.5)$ | 0.7 | (-1.4,2.8) |
| One or more child(ren) ${ }^{2}$ aged: |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 5.3 | 7.2 | 7.3 | 6.1 | 6.3 | (5.0,7.9) | 6.7 | $(5.3,8.4)$ | 0.5 | (-1.6,2.5) |
| 14 to 18 | 4.8 | 7.2 | 8.0 | 6.3 | 6.0 | (4.6,7.8) | 7.1 | $(5.5,9.1)$ | 1.1 | (-1.3,3.5) |
| 12 to 18 | 5.3 | 7.2 | 7.9 | 6.0 | 6.2 | $(5.1,7.6)$ | 7.0 | $(5.7,8.5)$ | 0.7 | (-1.1,2.6) |

[^59]Table 6-21. Parents ${ }^{1}$ prior direct involvement by attending meeting/rally to support opinions about drug use, by gender, race/ethnicity, education, and age of child(ren)

| Characteristics | Percent saying they attended meeting/rally in support of position |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | Wave 2 \% | Wave 3 <br> \% | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from <br> Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Overall | 25.8 | 29.1 | 30.1 | 25.7 | 27.4 | (25.1,29.9) | 27.8 | (25.1,30.7) | 0.4 | (-2.8,3.6) |
| Males | 24.2 | 26.3 | 29.2 | 22.0 | 25.3 | (21.9,29.1) | 25.7 | (21.8,30.1) | 0.4 | (-5.2,6.0) |
| Females | 26.7 | 31.3 | 30.6 | 27.8 | 28.9 | (26.1,31.8) | 29.1 | (26.1,32.4) | 0.2 | (-3.3,3.8) |
| White | 24.2 | 26.7 | 27.3 | 24.9 | 25.4 | (23.0,28.1) | 26.1 | (22.9,29.5) | 0.6 | (-2.8,4.1) |
| African American | 31.7 | 43.6 | 52.1 | 35.8 | 37.8 | (32.0,44.1) | 44.0 | (36.8,51.4) | 6.1 | (-3.1,15.4) |
| Hispanic | 27.8 | 27.2 | 25.4 | 19.8 | 27.5 | (21.5,34.5) | 22.4 | (16.6,29.6) | -5.0 | (-14.3,4.2) |
| Less than high school | 23.4 | 24.9 | 22.9 | 19.3 | 24.1 | (19.7,29.1) | 21.0 | (15.9,27.2) | -3.1 | (-10.4,4.3) |
| High school graduate | 22.9 | 21.2 | 26.7 | 22.7 | 22.1 | (18.3,26.4) | 24.7 | (21.6,28.2) | 2.6 | (-2.3,7.6) |
| Some college | 27.5 | 35.2 | 36.1 | 31.2 | 31.6 | (27.7,35.7) | 33.5 | (29.1,38.1) | 1.9 | $(-2.5,6.3)$ |
| College graduate | 27.9 | 33.5 | 31.7 | 26.4 | 30.6 | (26.9,34.6) | 29.1 | (24.5,34.3) | -1.5 | (-7.0,4.0) |
| One or more child(ren) ${ }^{2}$ aged: |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 25.6 | 26.8 | 27.0 | 28.6 | 26.2 | (23.3,29.3) | 27.8 | (24.8,31.0) | 1.6 | (-2.0,5.2) |
| 14 to 18 | 25.8 | 30.1 | 31.9 | 25.2 | 27.9 | (25.3,30.6) | 28.4 | (25.3,31.7) | 0.5 | (-3.2,4.2) |
| 12 to 18 | 25.8 | 29.1 | 30.1 | 25.7 | 27.4 | (25.1,29.9) | 27.8 | (25.1,30.7) | 0.4 | (-2.8,3.6) |

[^60]Table 6-22. Parents ${ }^{1}$ prior direct involvement by joining group actively working on issue to support opinions about drug use, by gender, race/ethnicity, education, and age of child(ren)

| Characteristics | Percent saying they joined group actively working on issue |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 \% | Wave 2 <br> \% | Wave 3 <br> \% | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Overall | 13.1 | 13.8 | 15.1 | 12.8 | 13.5 | (12.0,15.1) | 14.0 | (12.4,15.6) | 0.5 | (-1.7,2.6) |
| Males | 11.2 | 13.6 | 17.9 | 11.1 | 12.4 | $(10.1,15.3)$ | 14.6 | (11.8,17.9) | 2.2 | (-2.1,6.5) |
| Females | 14.3 | 14.1 | 13.2 | 13.8 | 14.2 | $(12.2,16.4)$ | 13.5 | (11.8,15.5) | -0.7 | (-3.1,1.8) |
| White | 11.7 | 11.8 | 12.8 | 12.2 | 11.8 | $(10.0,13.7)$ | 12.5 | $(10.9,14.4)$ | 0.8 | (-1.4,2.9) |
| African American | 15.9 | 23.6 | 31.7 | 16.5 | 19.9 | $(15.6,24.9)$ | 24.1 | $(19.2,29.7)$ | 4.2 | (-3.4,11.8) |
| Hispanic | 13.9 | 12.2 | 13.8 | 11.4 | 13.0 | (9.0,18.6) | 12.5 | (8.7,17.7) | -0.5 | (-7.1,6.1) |
| Less than high school | 10.5 | 14.3 | 14.9 | 8.7 | 12.4 | $(9.0,16.7)$ | 11.6 | $(8.0,16.7)$ | -0.7 | (-6.7,5.2) |
| High school graduate | 9.2 | 10.2 | 10.2 | 11.7 | 9.7 | $(7.7,12.1)$ | 11.0 | (8.5,14.0) | 1.3 | (-2.3,4.8) |
| Some college | 12.9 | 14.8 | 18.7 | 13.4 | 13.9 | $(11.2,17.1)$ | 15.8 | $(12.6,19.6)$ | 1.9 | (-2.0,5.9) |
| College graduate | 19.7 | 17.1 | 18.4 | 15.5 | 18.4 | (15.4,22.0) | 17.0 | (13.2,21.5) | -1.5 | (-6.0,3.0) |
| One or more child(ren) ${ }^{2}$ aged: |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 11.9 | 12.1 | 12.6 | 12.8 | 12.0 | (10.4,13.8) | 12.7 | $(10.9,14.7)$ | 0.7 | (-1.9,3.3) |
| 14 to 18 | 13.7 | 14.6 | 16.2 | 13.3 | 14.1 | $(12.1,16.4)$ | 14.7 | $(12.7,16.9)$ | 0.5 | (-2.3,3.4) |
| 12 to 18 | 13.1 | 13.8 | 15.1 | 12.8 | 13.5 | (12.0,15.1) | 14.0 | (12.4,15.6) | 0.5 | (-1.7,2.6) |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ Responses from parents with children in multiple rows are included in each relevant percentage.

Table 6-23. Parents ${ }^{1}$ prior overall direct involvement in activities to support opinions about drug use, by gender, race/ethnicity, education, and age of child(ren)

| Characteristics | Summary scale of parent involvement in activities (0-5) <br> (where higher scores represent more types of activities) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 <br> Mean | Wave 2 <br> Mean | Wave 3 <br> Mean | Wave 4 <br> Mean | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from <br> Year 2000 to Year 2001 |  |
|  |  |  |  |  | Est | 95\% CI | Est | 95\% CI | Est | 95\% CI |
| Overall | 1.41 | 1.50 | 1.54 | 1.42 | 1.46 | (1.40,1.51) | 1.48 | (1.42,1.54) | 0.02 | $(-0.05,0.09)$ |
| Males | 1.39 | 1.47 | 1.61 | 1.38 | 1.43 | (1.34,1.53) | 1.50 | $(1.41,1.60)$ | 0.07 | $(-0.08,0.21)$ |
| Females | 1.43 | 1.52 | 1.49 | 1.45 | 1.47 | (1.41,1.54) | 1.47 | $(1.40,1.53)$ | -0.01 | $(-0.08,0.07)$ |
| White | 1.38 | 1.44 | 1.45 | 1.43 | 1.41 | (1.36,1.47) | 1.44 | $(1.38,1.50)$ | 0.03 | (-0.04,0.10) |
| African American | 1.59 | 1.89 | 2.15 | 1.57 | 1.75 | $(1.61,1.88)$ | 1.86 | (1.67,2.05) | 0.12 | $(-0.12,0.35)$ |
| Hispanic | 1.41 | 1.40 | 1.46 | 1.24 | 1.40 | (1.26,1.55) | 1.34 | (1.17,1.51) | -0.06 | (-0.30,0.18) |
| Less than high school | 1.29 | 1.44 | 1.51 | 1.20 | 1.36 | (1.24,1.47) | 1.35 | $(1.19,1.51)$ | -0.01 | $(-0.21,0.19)$ |
| High school graduate | 1.34 | 1.34 | 1.39 | 1.39 | 1.34 | (1.24,1.45) | 1.39 | $(1.32,1.46)$ | 0.05 | (-0.07,0.17) |
| Some college | 1.45 | 1.68 | 1.74 | 1.54 | 1.57 | $(1.49,1.65)$ | 1.63 | $(1.53,1.73)$ | 0.06 | $(-0.04,0.16)$ |
| College graduate | 1.51 | 1.53 | 1.56 | 1.45 | 1.52 | $(1.44,1.60)$ | 1.51 | (1.40,1.62) | -0.01 | (-0.12,0.10) |
| One or more child(ren) ${ }^{2}$ aged: |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 1.38 | 1.43 | 1.49 | 1.43 | 1.41 | $(1.35,1.47)$ | 1.46 | (1.39,1.52) | 0.05 | $(-0.02,0.12)$ |
| 14 to 18 | 1.43 | 1.53 | 1.57 | 1.45 | 1.48 | (1.42,1.54) | 1.51 | $(1.44,1.58)$ | 0.03 | $(-0.06,0.11)$ |
| 12 to 18 | 1.41 | 1.50 | 1.54 | 1.42 | 1.46 | (1.40,1.51) | 1.48 | $(1.42,1.54)$ | 0.02 | (-0.05,0.09) |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ Responses from parents with children in multiple rows are included in each relevant percentage.

Table 6-24. Percent of parents ${ }^{1}$ and their children who reported having talked about anti-drug ads ${ }^{2}$, by youth age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent reporting they talked about anti-drug ads with parent/child Parent perspective Child perspective |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \end{gathered}$ | Wave 3 \% | Wave 4 \% | Average for Waves <br> 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 52.9 | 49.3 | 54.0 | 55.3 | 51.1 | (47.9,54.3) | 54.6 | (51.3,57.9) | 3.5 | (-1.1,8.2) |
|  | 40.1 | 37.4 | 36.8 | 35.1 | 38.7 | (36.1,41.3) | 35.9 | (33.3,38.6) | -2.8 | (-6.6,1.0) |
| 14 to 15 | 50.7 | 52.7 | 46.0 | 53.6 | 51.7 | (46.8,56.5) | 49.7 | (45.9,53.4) | -2.0 | (-8.1,4.0) |
|  | 30.8 | 30.0 | 28.5 | 27.4 | 30.4 | (27.0,34.1) | 28.0 | (24.9,31.3) | -2.4 | (-7.4,2.5) |
| 16 to 18 | 44.2 | 45.0 | 45.2 | 50.0 | 44.6 | (40.5,48.7) | 47.7 | (44.0,51.5) | 3.2 | (-2.2,8.5) |
|  | 21.2 | 16.3 | 20.0 | 22.4 | 18.7 | (15.8,22.1) | 21.2 | (18.4,24.4) | 2.5 | (-2.0,7.0) |
| 14 to 18 | 47.1 | 48.6 | 45.6 | 51.6 | 47.9 | (44.7,51.1) | 48.6 | (45.8,51.5) | 0.7 | (-3.1,4.6) |
|  | 25.5 | 22.6 | 24.0 | 24.6 | 24.0 | (22.0,26.2) | 24.3 | (22.0,26.8) | 0.3 | (-3.1,3.6) |
| 12 to 18 | 48.8 | 48.8 | 48.1 | 52.7 | 48.8 | (46.3,51.4) | 50.4 | (47.9,52.9) | 1.6 | (-1.8,4.9) |
|  | 29.6 | 26.8 | 27.7 | 27.7 | 28.2 | (26.5,30.0) | 27.7 | (25.9,29.5) | -0.5 | (-3.1,2.0) |

Table 6-24. Percent of parents ${ }^{1}$ and their children who reported having talked about anti-drug ads ${ }^{2}$, by youth age, gender, race/ethnicity, risk score, and sensation seeking (continued)

| Characteristics | Percent reporting they talked about anti-drug ads with parent/child |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parent perspective Child perspective |  |  |  |  |  |  |  |  |  |
|  | Wave 1 | Wave 2 | Wave 3 | Wave 4 | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves <br> 3 and 4 (Year 2001) |  | Change from <br> Year 2000 to Year 2001 |  |
|  | \% | \% | \% | \% | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 49.2 | 48.8 | 47.5 | 50.0 | 49.0 | (45.5,52.5) | 48.7 | (45.6,51.9) | -0.3 | (-4.7,4.2) |
|  | 28.0 | 25.6 | 24.6 | 25.9 | 26.8 | (24.6,29.2) | 25.3 | (23.0,27.7) | -1.6 | (-5.3,2.2) |
| Females | 48.4 | 48.9 | 48.6 | 55.6 | 48.7 | (45.1,52.2) | 52.1 | (49.1,55.2) | 3.5 | (-0.9,7.9) |
|  | 31.2 | 28.1 | 30.8 | 29.6 | 29.6 | $(26.9,32.6)$ | 30.2 | $(27.5,33.0)$ | 0.5 | (-3.4,4.4) |
| White | 46.7 | 47.7 | 46.0 | 51.6 | 47.2 | (44.3,50.1) | 48.8 | (45.9,51.7) | 1.6 | (-2.2,5.5) |
|  | 27.0 | 25.2 | 28.1 | 25.1 | 26.1 | (24.1,28.2) | 26.5 | $(24.5,28.7)$ | 0.4 | (-2.6,3.5) |
| African American | 52.4 | 49.5 | 57.3 | 58.7 | 50.9 | (45.6,56.3) | 58.0 | $(50.8,64.9)$ | 7.1 | (-1.0,15.1) |
|  | 37.2 | 30.3 | 31.1 | 36.5 | 33.7 | (28.8,39.1) | 33.9 | (28.9,39.4) | 0.2 | $(-6.5,6.9)$ |
| Hispanic | 56.3 | 52.6 | 45.8 | 54.7 | 54.5 | (47.4,61.4) | 50.3 | (43.4,57.2) | -4.1 | (-13.1,4.9) |
|  | 37.6 | 33.3 | 20.3 | 31.5 | 35.4 | (31.0,40.1) | 26.1 | $(22.5,30.1)$ | -9.3 | *(-15.3,-3.3) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 43.3 | 50.6 | 47.8 | 50.7 | 46.8 | (43.2,50.4) | 49.3 | $(46.0,52.6)$ | 2.5 | (-2.1,7.0) |
|  | 20.8 | 18.4 | 19.1 | 21.6 | 19.6 | $(16.9,22.7)$ | 20.4 | $(17.5,23.5)$ | 0.7 | (-3.0,4.5) |
| Lower risk | 52.3 | 49.0 | 47.9 | 54.0 | 50.6 | $(47.2,54.0)$ | 51.0 | (47.9,54.0) | 0.4 | (-4.2,5.0) |
|  | 37.4 | 30.9 | 32.8 | 32.5 | 34.1 | $(31.8,36.4)$ | 32.6 | (30.4,35.0) | -1.4 | (-4.8,1.9) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 47.2 | 49.1 | 47.0 | 52.0 | 48.1 | $(44.7,51.5)$ | 49.4 | $(46.2,52.6)$ | 1.3 | (-2.9,5.5) |
|  | 22.4 | 20.1 | 20.9 | 21.6 | 21.3 | $(19.2,23.6)$ | 21.2 | $(18.9,23.7)$ | -0.1 | (-3.1,3.0) |
| Low | 50.4 | 49.2 | 49.7 | 54.1 | 49.8 | (46.2,53.4) | 52.0 | (48.4,55.6) | 2.2 | (-2.7,7.1) |
|  | 39.3 | 34.6 | 37.4 | 35.3 | 36.9 | (34.0,39.9) | 36.3 | (33.6,39.1) | -0.6 | (-4.7,3.5) |

[^61]Table DT 6-25 has been intentionally deleted

Table 6-26. Parents ${ }^{1}$ feelings of self-efficacy to talk with children about drugs ${ }^{2}$ if child asked questions about drug use in general, by age of child

| Age of child | Percent saying they are very sure they could talk to child if... <br> Child asked questions about drug use in general |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 | Wave 2 | Wave 3 | Wave 4 | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  | \% | \% | \% | \% | \% |  | \% | 95\% CI | Est | 95\% CI |
| 12 to 13 | 78.2 | 77.6 | 80.4 | 75.0 | 77.9 | (74.2,81.2) | 77.7 | (73.2,81.7) | -0.2 | (-3.5,3.2) |
| 14 to 15 | 78.5 | 78.4 | 79.0 | 77.8 | 78.5 | (73.2,83.0) | 78.4 | (73.7,82.6) | 0.0 | (-4.8,4.7) |
| 16 to 18 | 75.3 | 77.3 | 76.2 | 70.6 | 76.2 | (72.1,80.0) | 73.2 | (69.4,76.8) | $-3.0$ | (-7.4,1.4) |
| 14 to 18 | 76.7 | 77.8 | 77.6 | 73.8 | 77.3 | $(73.3,80.8)$ | 75.6 | (72.1,78.8) | -1.6 | (-5.1,1.8) |
| 12 to 18 | 77.2 | 77.7 | 78.4 | 74.1 | 77.5 | $(73.8,80.7)$ | 76.3 | (72.8,79.4) | -1.2 | (-4.0,1.6) |

[^62]Table 6-27. Parents ${ }^{1}$ feelings of self-efficacy to talk with children about drugs ${ }^{2}$ if child asked specific things to do to avoid drugs, by age of child

| Age of child | Percent saying they are very sure they could talk to child if... <br> Child asked specific things to do to avoid drugs |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 | Wave 2 | Wave 3 | Wave 4 | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  | \% | \% | \% | \% | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| 12 to 13 | 73.6 | 73.7 | 76.3 | 70.1 | 73.6 | (70.5,76.5) | 73.2 | (68.7,77.3) | -0.4 | (-4.0,3.2) |
| 14 to 15 | 75.5 | 74.3 | 73.5 | 73.9 | 74.9 | (69.8,79.3) | 73.7 | (69.1,77.9) | -1.2 | (-6.7,4.4) |
| 16 to 18 | 72.4 | 71.3 | 72.2 | 71.2 | 71.9 | (67.3,76.0) | 71.6 | (67.9,75.1) | -0.2 | (-4.9,4.4) |
| 14 to 18 | 73.8 | 72.7 | 72.8 | 72.4 | 73.2 | (69.3,76.9) | 72.6 | (69.3,75.7) | -0.6 | (-4.5,3.2) |
| 12 to 18 | 73.7 | 73.0 | 73.9 | 71.7 | 73.4 | (69.9,76.5) | 72.8 | (69.4,75.9) | -0.6 | (-3.9,2.7) |

[^63]Table 6-28. Parents ${ }^{1}$ feelings of self-efficacy to talk with children about drugs ${ }^{2}$ if child and parent were having conflicts about other things and relationship was tense, by age of child

| Age of child | Percent saying they are very sure they could talk to child if... <br> nd I were having conflicts about other things and relationship was tense |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 \% | Wave 2 <br> \% | Wave 3 <br> \% | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from <br> Year 2000 to Year 2001 |  |
|  | $\%$ | $\%$ | $\%$ | $\%$ |  |  |  |  |  |  |
| 12 to 13 | 43.1 | 44.8 | 49.5 | 42.5 | 44.0 | (40.7,47.3) | 46.0 | (41.8,50.2) | 2.0 | (-2.0,6.1) |
| 14 to 15 | 41.2 | 40.9 | 43.4 | 46.4 | 41.0 | (37.4,44.8) | 44.9 | (40.3,49.6) | 3.8 | (-1.6,9.2) |
| 16 to 18 | 34.0 | 44.8 | 38.3 | 38.1 | 39.3 | (35.5,43.2) | 38.2 | $(34.1,42.4)$ | -1.1 | (-6.5,4.3) |
| 14 to 18 | 37.3 | 43.0 | 40.8 | 41.8 | 40.1 | (37.2,43.1) | 41.3 | (37.7,44.9) | 1.2 | (-3.0,5.3) |
| 12 to 18 | 39.0 | 43.5 | 43.4 | 42.0 | 41.2 | $(38.8,43.8)$ | 42.7 | (39.3,46.1) | 1.4 | (-2.1,5.0) |

[^64]Table 6-29. Parents ${ }^{11}$ feelings of self-efficacy to talk with children about drugs ${ }^{2}$ if child asked parent about their own past use of drugs, by age of child

| Age of child | Percent saying they are very sure they could talk to child if... <br> Child asked me about my own past use of drugs |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 | Wave 2 | Wave 3 | Wave 4 | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  | \% | \% | \% | \% | \% |  | \% | 95\% CI | Est | 95\% CI |
| 12 to 13 | 64.3 | 66.1 | 64.7 | 61.8 | 65.2 | (61.8,68.5) | 63.2 | (59.2,67.0) | -2.0 | (-5.1,1.0) |
| 14 to 15 | 66.8 | 70.2 | 67.1 | 66.3 | 68.6 | (64.0,72.8) | 66.7 | (62.2,71.0) | -1.8 | (-6.4,2.7) |
| 16 to 18 | 67.0 | 71.1 | 63.9 | 65.2 | 69.0 | (65.0,72.7) | 64.6 | $(60.3,68.7)$ | -4.4 | (-9.8,1.0) |
| 14 to 18 | 66.9 | 70.7 | 65.5 | 65.7 | 68.8 | (65.7,71.7) | 65.6 | (62.3,68.7) | -3.2 | (-6.7,0.2) |
| 12 to 18 | 66.2 | 69.3 | 65.2 | 64.5 | 67.7 | (65.0,70.4) | 64.9 | (61.8,67.8) | -2.9 | *(-5.4,-0.4) |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ These questions were repeated separately for each sample child.

Table 6-30. Parents ${ }^{\prime 1}$ feelings of self-efficacy to talk with children about drugs ${ }^{2}$, by youth age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Parent feelings of self-efficacy to talk with children about drugs $(-2 \text { to }+2)$ <br> (where higher scores represent stronger self-efficacy) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |
|  | Wave 1 <br> Mean | Wave 2 <br> Mean | Wave 3 <br> Mean | Wave 4 <br> Mean | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | Est | 95\% CI | Est | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 1.53 | 1.53 | 1.57 | 1.50 | 1.53 | $(1.49,1.57)$ | 1.53 | $(1.48,1.59)$ | 0.00 | (-0.04, 0.04 ) |
| 14 to 15 | 1.51 | 1.53 | 1.55 | 1.55 | 1.52 | (1.47,1.58) | 1.55 | $(1.49,1.60)$ | 0.03 | (-0.03,0.08) |
| 16 to 18 | 1.49 | 1.55 | 1.49 | 1.47 | 1.52 | $(1.47,1.56)$ | 1.48 | (1.43,1.52) | -0.04 | (-0.10,0.02) |
| 14 to 18 | 1.50 | 1.54 | 1.51 | 1.51 | 1.52 | $(1.48,1.56)$ | 1.51 | (1.47,1.55) | -0.01 | (-0.05,0.03) |
| 12 to 18 | 1.51 | 1.54 | 1.53 | 1.50 | 1.52 | $(1.49,1.56)$ | 1.52 | (1.48,1.56) | -0.01 | (-0.04,0.03) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 1.50 | 1.52 | 1.52 | 1.48 | 1.51 | (1.47,1.54) | 1.50 | (1.46,1.55) | -0.01 | (-0.06,0.04) |
| Females | 1.53 | 1.55 | 1.54 | 1.53 | 1.54 | $(1.50,1.58)$ | 1.53 | (1.49,1.58) | -0.01 | (-0.04,0.03) |
| White | 1.52 | 1.54 | 1.56 | 1.50 | 1.53 | $(1.49,1.57)$ | 1.53 | $(1.49,1.57)$ | 0.00 | (-0.04,0.04) |
| African American | 1.55 | 1.58 | 1.53 | 1.54 | 1.56 | $(1.47,1.65)$ | 1.53 | $(1.41,1.66)$ | -0.03 | (-0.12,0.06) |
| Hispanic | 1.45 | 1.51 | 1.40 | 1.49 | 1.48 | $(1.42,1.54)$ | 1.45 | (1.36,1.53) | -0.04 | (-0.14,0.07) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 1.46 | 1.54 | 1.50 | 1.48 | 1.50 | $(1.45,1.55)$ | 1.49 | $(1.45,1.53)$ | -0.01 | (-0.06,0.04) |
| Lower risk | 1.55 | 1.54 | 1.56 | 1.54 | 1.54 | $(1.50,1.58)$ | 1.55 | $(1.49,1.60)$ | 0.00 | (-0.04, 0.04 ) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 1.50 | 1.53 | 1.56 | 1.50 | 1.51 | $(1.48,1.54)$ | 1.53 | $(1.49,1.57)$ | 0.02 | (-0.03,0.07) |
| Low | 1.52 | 1.56 | 1.50 | 1.52 | 1.54 | $(1.48,1.60)$ | 1.51 | $(1.45,1.57)$ | -0.03 | (-0.08,0.01) |

[^65]Table 6-31. Parents ${ }^{1}$ general attitude toward discussing drugs ${ }^{2}$ with children, by youth age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Parents' general attitude toward discussing drugs with children $\text { (1 to } 7 \text { ) }$ <br> (where higher scores represent more positive attitudes) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |
|  | Wave 1 <br> Mean | Wave 2 <br> Mean | Wave 3 <br> Mean | $\begin{gathered} \text { Wave } 4 \\ \text { Mean } \\ \hline \end{gathered}$ | Average for Waves <br> 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from <br> Year 2000 to Year 2001 |  |
|  |  |  |  |  | Est | 95\% CI | Est | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 6.33 | 6.26 | 6.33 | 6.30 | 6.29 | (6.25,6.34) | 6.31 | (6.26,6.36) | 0.02 | (-0.05,0.09) |
| 14 to 15 | 6.21 | 6.19 | 6.20 | 6.30 | 6.20 | (6.12,6.28) | 6.25 | (6.19,6.31) | 0.05 | $(-0.06,0.16)$ |
| 16 to 18 | 5.99 | 6.08 | 6.16 | 6.11 | 6.03 | (5.96,6.10) | 6.13 | (6.07,6.20) | 0.10 | *(0.01,0.19) |
| 14 to 18 | 6.09 | 6.13 | 6.18 | 6.19 | 6.11 | (6.06,6.16) | 6.19 | (6.14,6.23) | 0.07 | *(0.00,0.14) |
| 12 to 18 | 6.16 | 6.17 | 6.22 | 6.22 | 6.16 | (6.13,6.20) | 6.22 | (6.19,6.26) | 0.06 | *(0.01,0.11) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 6.12 | 6.18 | 6.23 | 6.18 | 6.15 | (6.10,6.20) | 6.21 | (6.16,6.26) | 0.06 | (-0.01,0.13) |
| Females | 6.20 | 6.16 | 6.21 | 6.27 | 6.18 | (6.12,6.24) | 6.24 | (6.18,6.29) | 0.06 | $(-0.02,0.14)$ |
| White | 6.08 | 6.10 | 6.14 | 6.11 | 6.09 | (6.04,6.13) | 6.12 | (6.08,6.17) | 0.04 | $(-0.02,0.09)$ |
| African American | 6.44 | 6.36 | 6.46 | 6.41 | 6.40 | (6.30,6.50) | 6.43 | (6.32,6.55) | 0.04 | $(-0.11,0.18)$ |
| Hispanic | 6.34 | 6.41 | 6.37 | 6.54 | 6.38 | (6.27,6.48) | 6.46 | (6.36,6.55) | 0.08 | (-0.04,0.21) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 5.99 | 6.07 | 6.10 | 6.15 | 6.03 | $(5.97,6.09)$ | 6.13 | (6.06,6.19) | 0.10 | *(0.01,0.18) |
| Lower risk | 6.28 | 6.22 | 6.31 | 6.28 | 6.25 | (6.20,6.30) | 6.29 | (6.25,6.34) | 0.04 | (-0.02,0.10) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High__ | 6.05 | 6.11 | 6.16 | 6.17 | 6.08 | (6.03,6.13) | 6.16 | (6.12,6.21) | 0.08 | *(0.02,0.15) |
| Low | 6.29 | 6.24 | 6.32 | 6.30 | 6.26 | (6.20,6.33) | 6.31 | (6.26,6.36) | 0.05 | (-0.04,0.13) |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ These questions were repeated separately for each sample child.

Table 6-32. Parents ${ }^{1}$ perceived social expectations for talking with children about drugs ${ }^{2}$, by youth age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent saying that others think parent definitely should talk with children about drugs |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 62.6 | 59.6 | 64.9 | 63.0 | 61.1 | (57.7,64.5) | 64.0 | $(61.1,66.8)$ | 2.8 | (-0.8,6.5) |
| 14 to 15 | 65.7 | 69.4 | 65.6 | 66.4 | 67.6 | $(62.9,71.9)$ | 66.0 | (61.0,70.6) | -1.6 | (-7.6,4.4) |
| 16 to 18 | 57.9 | 62.5 | 65.9 | 58.8 | 60.2 | (56.1,64.1) | 62.2 | (58.5,65.7) | 2.0 | (-3.0,7.0) |
| 14 to 18 | 61.5 | 65.7 | 65.7 | 62.2 | 63.6 | $(60.2,66.8)$ | 63.9 | (60.8,67.0) | 0.4 | (-3.1,3.8) |
| 12 to 18 | 61.8 | 63.9 | 65.5 | 62.4 | 62.8 | (60.0,65.6) | 63.9 | (61.3,66.5) | 1.1 | (-1.6,3.8) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 62.6 | 64.4 | 66.2 | 61.6 | 63.5 | (60.0,66.9) | 63.9 | (60.6,67.0) | 0.4 | (-4.2,4.9) |
| Females | 60.9 | 63.4 | 64.8 | 63.3 | 62.2 | $(58.3,65.9)$ | 64.0 | (60.5,67.4) | 1.9 | (-1.5,5.3) |
| White | 59.3 | 61.1 | 64.7 | 59.8 | 60.2 | (57.1,63.2) | 62.2 | (59.3,65.0) | 2.0 | (-1.5,5.5) |
| African American | 70.7 | 73.1 | 70.7 | 67.8 | 71.9 | (65.0,77.9) | 69.2 | (60.7,76.6) | -2.7 | (-9.6,4.2) |
| Hispanic | 68.7 | 68.7 | 64.5 | 67.9 | 68.7 | (62.6,74.2) | 66.2 | (60.9,71.2) | -2.5 | (-10.1,5.2) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 59.5 | 60.8 | 63.6 | 60.1 | 60.1 | $(56.1,64.0)$ | 61.8 | (57.6,65.9) | 1.7 | (-3.2,6.6) |
| Lower risk | 64.1 | 65.0 | 67.6 | 64.4 | 64.5 | (61.3,67.6) | 66.0 | (62.7,69.2) | 1.5 | (-1.8,4.8) |
|  |  |  |  |  |  |  |  |  |  |  |
| High | 61.4 | 62.8 | 66.6 | 62.2 | 62.1 | (58.9,65.2) | 64.5 | (61.0,67.7) | 2.4 | (-1.6,6.3) |
| Low | 62.3 | 64.3 | 64.7 | 63.0 | 63.3 | $(58.4,68.0)$ | 63.8 | (60.2,67.3) | 0.5 | (-3.5,4.4) |

[^66]Table 6-33. Youth perceptions of difficulty of talking with parents ${ }^{1}$ about drugs ${ }^{2}$, by youth age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent saying it would be very easy to talk with parents about drugs |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | Wave 2 \% | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 16.3 | 19.6 | 18.1 | 16.5 | 18.0 | (16.1,20.0) | 17.3 | $(15.1,19.8)$ | -0.7 | (-3.4,2.1) |
| 14 to 15 | 14.6 | 19.0 | 13.1 | 15.6 | 16.9 | $(13.8,20.4)$ | 14.3 | $(12.0,16.9)$ | -2.6 | (-6.7,1.5) |
| 16 to 18 | 20.9 | 21.2 | 15.3 | 20.1 | 21.1 | (18.2,24.2) | 17.8 | $(15.0,21.0)$ | -3.3 | (-6.6,0.1) |
| 14 to 18 | 18.1 | 20.2 | 14.3 | 18.2 | 19.2 | (16.9,21.7) | 16.2 | $(14.3,18.3)$ | -2.9 | *(-5.4,-0.5) |
| 12 to 18 | 17.6 | 20.0 | 15.4 | 17.7 | 18.8 | $(17.1,20.7)$ | 16.5 | (14.9,18.3) | -2.3 | *(-4.1,-0.5) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males__ | 16.2 | 22.6 | 14.6 | 17.4 | 19.5 | (17.0,22.1) | 16.0 | $(14.1,18.2)$ | -3.4 | *(-6.3,-0.6) |
| Females | 19.0 | 17.3 | 16.2 | 17.9 | 18.1 | (16.0,20.5) | 17.1 | (14.9,19.5) | -1.1 | (-3.6,1.4) |
| White | 16.4 | 18.9 | 12.4 | 16.9 | 17.6 | $(15.5,19.9)$ | 14.6 | $(12.7,16.9)$ | -3.0 | *(-5.4,-0.5) |
| African American | 20.7 | 28.6 | 22.0 | 24.2 | 24.8 | (20.1,30.1) | 23.1 | (18.8,28.1) | -1.6 | (-6.6,3.4) |
| Hispanic | 22.4 | 19.6 | 21.7 | 16.6 | 21.0 | (17.2,25.4) | 19.1 | (15.0,24.1) | -1.8 | (-6.8,3.1) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 18.2 | 21.7 | 11.9 | 17.3 | 19.8 | (16.6,23.5) | 14.6 | $(12.5,17.0)$ | -5.2 | *(-8.4,-2.0) |
| Lower risk | 16.9 | 18.1 | 17.3 | 17.9 | 17.5 | (15.3,20.0) | 17.6 | $(15.7,19.6)$ | 0.0 | (-2.6,2.6) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 15.2 | 15.6 | 11.0 | 13.5 | 15.4 | (13.0,18.2) | 12.2 | (10.4,14.4) | -3.2 | *(-5.8,-0.5) |
| Low | 21.0 | 24.3 | 21.2 | 23.1 | 22.7 | (20.2,25.4) | 22.2 | $(20.1,24.5)$ | -0.6 | (-3.2,2.1) |

[^67]Table 6-34. Parent ${ }^{1}$ intentions to talk to child about family rules about using drugs ${ }^{2}$, by youth age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent of parents reporting strong intentions to talk to child about family rules about using drugs |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 54.0 | 55.4 | 55.7 | 55.6 | 54.7 | (51.4,58.1) | 55.6 | $(52.8,58.4)$ | 0.9 | (-2.6,4.4) |
| 14 to 15 | 51.7 | 57.5 | 51.6 | 56.0 | 54.6 | $(50.3,58.9)$ | 53.7 | (50.1,57.3) | -1.0 | (-5.9,4.0) |
| 16 to 18 | 43.3 | 46.2 | 45.6 | 51.8 | 44.7 | $(40.4,49.2)$ | 48.9 | (45.0,52.7) | 4.1 | (-1.1,9.3) |
| 14 to 18 | 47.1 | 51.5 | 48.5 | 53.7 | 49.3 | $(46.2,52.4)$ | 51.1 | (48.3,53.9) | 1.8 | (-1.8,5.4) |
| 12 to 18 | 49.1 | 52.7 | 50.6 | 54.2 | 50.9 | $(48.2,53.5)$ | 52.4 | (50.1,54.8) | 1.5 | (-1.3,4.4) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 49.3 | 55.1 | 48.5 | 55.1 | 52.2 | (49.1,55.3) | 51.8 | $(48.7,54.9)$ | -0.4 | (-4.8,4.1) |
| Females | 49.0 | 50.1 | 52.9 | 53.3 | 49.5 | (45.4,53.7) | 53.1 | (49.8,56.4) | 3.6 | (-0.6,7.7) |
| White | 44.3 | 49.1 | 45.6 | 51.0 | 46.7 | (43.4,50.0) | 48.3 | $(45.9,50.8)$ | 1.6 | (-2.2,5.5) |
| African American | 61.4 | 58.2 | 64.0 | 58.4 | 59.7 | $(53.3,65.8)$ | 61.2 | $(53.1,68.7)$ | 1.4 | (-6.3,9.2) |
| Hispanic | 59.7 | 62.6 | 59.4 | 64.7 | 61.1 | (54.7,67.2) | 62.1 | (55.6,68.1) | 1.0 | (-5.8,7.7) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 46.0 | 52.3 | 48.5 | 54.0 | 49.0 | (45.2,52.7) | 51.3 | (47.7,54.8) | 2.3 | (-2.4,7.0) |
| Lower risk | 51.3 | 53.0 | 52.3 | 55.3 | 52.1 | (48.8,55.5) | 53.8 | (50.8,56.8) | 1.7 | (-1.7,5.0) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 48.8 | 53.2 | 49.3 | 53.7 | 51.0 | $(48.1,53.8)$ | 51.5 | (48.6,54.3) | 0.5 | (-3.3,4.3) |
| Low | 49.6 | 51.9 | 52.2 | 55.8 | 50.8 | $(46.2,55.3)$ | 54.1 | (50.8,57.3) | 3.3 | (-1.0,7.6) |

[^68]${ }^{2}$ These questions were repeated separately for each sample child.

Table 6-35. Parent ${ }^{1}$ intentions to talk to child about specific things their child can do to stay away from drugs ${ }^{2}$, by youth age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent of parents reporting strong intentions to talk about specific things their child can do to stay away from drugs |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | Wave 2 \% | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 50.2 | 52.8 | 55.5 | 52.2 | 51.5 | $(48.1,55.0)$ | 53.9 | (51.2,56.5) | 2.3 | (-1.6,6.2) |
| 14 to 15 | 47.7 | 54.1 | 47.4 | 53.3 | 50.9 | $(46.2,55.6)$ | 50.2 | $(46.5,53.8)$ | -0.7 | (-5.6,4.1) |
| 16 to 18 | 35.6 | 39.3 | 39.3 | 43.9 | 37.4 | (34.0,41.0) | 41.7 | (38.4,45.1) | 4.3 | (-0.5,9.1) |
| 14 to 18 | 41.1 | 46.2 | 43.2 | 48.0 | 43.6 | $(40.5,46.8)$ | 45.6 | (43.1,48.2) | 2.0 | (-1.4,5.4) |
| 12 to 18 | 43.7 | 48.2 | 46.8 | 49.3 | 46.0 | $(43.3,48.7)$ | 48.1 | (46.0,50.2) | 2.1 | (-0.6,4.8) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 43.6 | 47.3 | 42.9 | 50.0 | 45.5 | $(42.4,48.6)$ | 46.5 | (43.7,49.2) | 1.0 | (-3.2,5.2) |
| Females | 43.9 | 49.1 | 51.0 | 48.5 | 46.5 | $(42.5,50.5)$ | 49.7 | (46.4,53.1) | 3.3 | (-0.5,7.0) |
| White | 38.0 | 42.5 | 40.3 | 44.2 | 40.2 | (37.0,43.6) | 42.3 | (40.1,44.5) | 2.0 | (-1.6,5.7) |
| African American | 55.4 | 56.3 | 62.4 | 58.4 | 55.9 | $(49.6,61.9)$ | 60.4 | (53.6,66.8) | 4.5 | $(-2.5,11.6)$ |
| Hispanic | 59.6 | 64.1 | 56.1 | 63.2 | 61.9 | (56.2,67.2) | 59.7 | (54.4,64.8) | -2.1 | (-9.4,5.1) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 38.1 | 44.2 | 41.1 | 44.5 | 41.0 | $(37.4,44.8)$ | 42.8 | (39.6,46.0) | 1.8 | (-3.0,6.6) |
| Lower risk | 47.3 | 50.7 | 50.7 | 52.7 | 49.1 | $(45.8,52.4)$ | 51.7 | (48.8,54.6) | 2.6 | (-0.7,5.9) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 39.9 | 45.3 | 43.9 | 46.8 | 42.5 | $(39.5,45.6)$ | 45.3 | $(42.9,47.7)$ | 2.8 | (-1.1,6.7) |
| Low | 48.4 | 51.2 | 50.7 | 52.9 | 49.8 | (45.6,54.1) | 51.8 | (48.6,55.0) | 2.0 | (-2.2,6.2) |

[^69]Table 6-36. Parent ${ }^{1}$ intentions to talk to child about drug use in movies, music, and on $\mathrm{TV}^{2}$, by youth age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent of parents reporting strong intentions to talk about drug use in movies, music, and on TV |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | Wave 4$\%$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 38.5 | 39.4 | 45.0 | 38.9 | 38.9 | (36.0,42.0) | 41.9 | $(38.6,45.3)$ | 3.0 | (-0.5,6.5) |
| 14 to 15 | 37.4 | 38.7 | 33.3 | 37.9 | 38.0 | $(33.7,42.5)$ | 35.5 | $(32.1,39.0)$ | -2.6 | (-7.7,2.6) |
| 16 to 18 | 25.7 | 23.7 | 30.8 | 30.1 | 24.7 | $(21.5,28.3)$ | 30.4 | (27.1,34.0) | 5.7 | *(1.3,10.1) |
| 14 to 18 | 30.9 | 30.7 | 32.0 | 33.5 | 30.8 | (27.9,34.0) | 32.8 | $(30.2,35.4)$ | 1.9 | (-1.6,5.4) |
| 12 to 18 | 33.1 | 33.3 | 35.9 | 35.1 | 33.2 | $(30.8,35.7)$ | 35.5 | $(33.1,37.9)$ | 2.3 | (-0.4,4.9) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 33.5 | 30.8 | 34.6 | 34.7 | 32.2 | (29.4,35.0) | 34.6 | $(31.6,37.8)$ | 2.5 | (-1.6,6.6) |
| Females | 32.7 | 36.0 | 37.2 | 35.5 | 34.3 | (30.8,38.1) | 36.4 | $(33.3,39.6)$ | 2.0 | (-2.0,6.1) |
| White | 28.4 | 29.7 | 29.8 | 31.4 | 29.0 | (26.1,32.2) | 30.6 | (28.3,33.1) | 1.6 | (-2.0,5.2) |
| African American | 42.8 | 33.7 | 54.0 | 41.9 | 38.2 | $(31.8,44.9)$ | 47.8 | $(39.9,55.9)$ | 9.7 | *(2.3,17.0) |
| Hispanic | 45.3 | 43.8 | 42.2 | 44.0 | 44.6 | $(39.3,49.9)$ | 43.1 | (37.0,49.4) | -1.5 | (-9.4,6.5) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 26.9 | 26.9 | 28.2 | 28.2 | 26.9 | $(23.9,30.0)$ | 28.2 | $(24.8,32.0)$ | 1.3 | (-3.1,5.8) |
| Lower risk | 36.9 | 37.7 | 41.4 | 39.4 | 37.3 | $(34.1,40.6)$ | 40.4 | $(37.2,43.7)$ | 3.1 | (-0.6,6.9) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 30.3 | 31.0 | 32.8 | 32.5 | 30.6 | (28.0,33.3) | 32.6 | (29.8,35.6) | 2.0 | (-1.6,5.5) |
| Low | 36.3 | 36.5 | 40.2 | 38.5 | 36.4 | $(32.5,40.5)$ | 39.3 | (35.7,43.1) | 2.9 | (-1.6,7.3) |

[^70]${ }^{2}$ These questions were repeated separately for each sample child.

Table 6-37. Parent ${ }^{1}$ intentions to talk to child about people they know who have gotten into trouble with drugs ${ }^{2}$, by youth age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent of parents reporting they are very likely to talk about people they know who have gotten into trouble with drugs |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | Wave 2 \% | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 40.9 | 42.3 | 44.1 | 42.4 | 41.6 | $(38.6,44.6)$ | 43.3 | (39.7,46.9) | 1.7 | (-2.3,5.7) |
| 14 to 15 | 44.8 | 46.9 | 39.1 | 44.5 | 45.9 | $(40.9,51.0)$ | 41.7 | (37.5,45.9) | -4.2 | (-9.4,1.0) |
| 16 to 18 | 37.7 | 37.6 | 44.5 | 41.8 | 37.7 | $(33.8,41.7)$ | 43.1 | (38.9,47.4) | 5.4 | * (0.2,10.6) |
| 14 to 18 | 40.9 | 42.0 | 41.9 | 43.0 | 41.4 | (37.9,45.1) | 42.4 | (39.0,45.9) | 1.0 | (-3.1,5.1) |
| 12 to 18 | 40.9 | 42.1 | 42.6 | 42.8 | 41.5 | $(38.5,44.5)$ | 42.7 | (39.6,45.8) | 1.2 | (-2.1,4.5) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 40.8 | 41.0 | 41.9 | 42.4 | 40.9 | (37.7,44.2) | 42.1 | $(38.2,46.1)$ | 1.2 | (-3.7,6.1) |
| Females | 41.0 | 43.2 | 43.3 | 43.3 | 42.1 | $(38.3,46.0)$ | 43.3 | (39.4,47.3) | 1.2 | (-2.7,5.1) |
| White | 40.2 | 40.7 | 42.4 | 42.0 | 40.5 | $(37.0,44.0)$ | 42.2 | (39.0,45.5) | 1.8 | $(-2.8,6.3)$ |
| African American | 43.4 | 47.7 | 50.1 | 46.3 | 45.6 | (39.2,52.1) | 48.2 | (39.2,57.3) | 2.6 | $(-5.4,10.6)$ |
| Hispanic | 42.7 | 44.2 | 36.2 | 42.1 | 43.4 | $(37.1,50.0)$ | 39.2 | (33.8,44.8) | -4.3 | (-12.4,3.9) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 40.4 | 43.2 | 47.8 | 42.5 | 41.8 | $(37.8,45.8)$ | 45.2 | (41.1,49.3) | 3.4 | (-1.9,8.7) |
| Lower risk | 40.8 | 41.5 | 39.7 | 43.2 | 41.2 | $(37.8,44.7)$ | 41.5 | (38.0,45.0) | 0.3 | (-3.6,4.1) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 41.3 | 43.2 | 41.8 | 41.3 | 42.2 | (39.4,45.1) | 41.6 | (38.3,45.0) | -0.6 | (-4.5,3.2) |
| Low | 40.1 | 41.5 | 43.2 | 44.5 | 40.8 | $(36.4,45.4)$ | 43.9 | (39.5,48.3) | 3.1 | (-2.1,8.2) |

[^71]Table 6-38. Summary scale of parent ${ }^{1}$ intentions to talk to child about drugs ${ }^{2}$, by youth age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Summary scale of intentions to talk about drugs |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parents reporting they are very likely to talk$(-2 \text { to }+2)$ |  |  |  |  |  |  |  |  |  |
|  | Wave 1 Mean | Wave 2 <br> Mean | Wave 3 <br> Mean | Wave 4 Mean | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | Est | 95\% CI | Est | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 1.15 | 1.15 | 1.19 | 1.14 | 1.15 | $(1.09,1.20)$ | 1.17 | $(1.11,1.22)$ | 0.02 | (-0.04,0.08) |
| 14 to 15 | 1.13 | 1.21 | 1.07 | 1.19 | 1.17 | $(1.10,1.24)$ | 1.13 | $(1.07,1.19)$ | -0.05 | (-0.12,0.03) |
| 16 to 18 | 0.91 | 0.89 | 1.00 | 1.03 | 0.90 | (0.83, 0.97 ) | 1.01 | $(0.95,1.08)$ | 0.11 | *(0.03,0.20) |
| 14 to 18 | 1.01 | 1.04 | 1.03 | 1.10 | 1.03 | $(0.98,1.08)$ | 1.07 | $(1.02,1.12)$ | 0.04 | (-0.02,0.10) |
| 12 to 18 | 1.05 | 1.07 | 1.08 | 1.11 | 1.06 | (1.02,1.10) | 1.10 | $(1.05,1.14)$ | 0.04 | (-0.01,0.08) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males___ | 1.03 | 1.10 | 1.06 | 1.15 | 1.06 | $(1.01,1.12)$ | 1.11 | $(1.05,1.16)$ | 0.04 | (-0.03,0.12) |
| Females | 1.07 | 1.04 | 1.09 | 1.08 | 1.06 | (0.99,1.12) | 1.09 | (1.02,1.15) | 0.03 | (-0.04,0.10) |
| White | 1.02 | 1.02 | 1.05 | 1.10 | 1.02 | $(0.97,1.07)$ | 1.08 | (1.04,1.12) | 0.06 | $(0.00,0.12)$ |
| African American | 1.19 | 1.21 | 1.33 | 1.09 | 1.20 | $(1.12,1.28)$ | 1.21 | $(1.07,1.34)$ | 0.00 | (-0.13,0.14) |
| Hispanic | 1.11 | 1.20 | 0.93 | 1.19 | 1.16 | $(1.05,1.26)$ | 1.06 | $(0.94,1.19)$ | -0.09 | (-0.25,0.06) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 0.97 | 1.04 | 1.02 | 1.07 | 1.00 | (0.95,1.06) | 1.04 | $(0.98,1.11)$ | 0.04 | (-0.03,0.12) |
| Lower risk | 1.10 | 1.09 | 1.12 | 1.15 | 1.10 | (1.04,1.15) | 1.13 | $(1.08,1.19)$ | 0.04 | (-0.02,0.09) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High__ | 1.04 | 1.08 | 1.02 | 1.11 | 1.06 | $(1.02,1.10)$ | 1.06 | $(1.01,1.11)$ | 0.00 | (-0.05,0.06) |
| Low | 1.05 | 1.06 | 1.15 | 1.13 | 1.06 | (0.99,1.13) | 1.14 | $(1.08,1.20)$ | 0.08 | * (0.01,0.15) |

[^72]Table 6-39. Specific belief that parental ${ }^{1}$ monitoring ${ }^{2}$ will make it more likely that their child will do well in school, by youth age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent of parents holding strong belief that parental monitoring will make it more likely that their child will do well in school |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | Wave 3 <br> \% | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 63.0 | 61.3 | 65.2 | 65.8 | 62.1 | (59.5,64.6) | 65.5 | (62.5,68.4) | 3.4 | $(0.0,6.8)$ |
| 14 to 15 | 57.1 | 55.3 | 51.6 | 58.9 | 56.2 | (52.2,60.1) | 55.0 | (51.4,58.7) | -1.2 | $(-5.7,3.4)$ |
| 16 to 18 | 41.8 | 46.6 | 46.8 | 46.7 | 44.2 | (40.5,48.0) | 46.8 | (43.2,50.4) | 2.6 | $(-2.5,7.6)$ |
| 14 to 18 | 48.8 | 50.7 | 49.1 | 52.1 | 49.8 | (46.7,52.8) | 50.6 | (47.9,53.3) | 0.8 | (-2.5,4.2) |
| 12 to 18 | 53.0 | 53.9 | 53.9 | 56.2 | 53.4 | $(51.1,55.7)$ | 55.0 | (52.8,57.2) | 1.6 | (-0.9,4.1) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 50.5 | 54.4 | 51.2 | 56.6 | 52.5 | $(49.1,55.8)$ | 53.9 | (50.7,57.1) | 1.4 | (-2.7,5.6) |
| Females | 55.5 | 53.3 | 56.8 | 55.6 | 54.4 | (51.4,57.3) | 56.2 | (53.0,59.3) | 1.8 | (-1.6,5.2) |
| White | 53.7 | 54.9 | 54.8 | 55.9 | 54.3 | (51.3,57.2) | 55.3 | (52.8,57.9) | 1.1 | (-2.1,4.3) |
| African American | 53.4 | 48.0 | 54.5 | 57.7 | 50.5 | (43.7,57.3) | 56.1 | (50.8,61.4) | 5.6 | $(-2.3,13.5)$ |
| Hispanic | 48.5 | 56.5 | 47.7 | 55.7 | 52.6 | (45.9,59.2) | 51.7 | (46.3,57.1) | -0.9 | (-8.7,6.9) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 43.0 | 43.9 | 43.2 | 46.1 | 43.4 | (39.2,47.7) | 44.6 | (41.1,48.2) | 1.2 | $(-3.5,5.9)$ |
| Lower risk | 59.6 | 60.3 | 61.4 | 62.9 | 59.9 | (57.2,62.5) | 62.2 | $(59.5,64.7)$ | 2.2 | $(-0.5,5.0)$ |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High_ | 51.1 | 52.6 | 51.4 | 53.6 | 51.8 | (48.5,55.2) | 52.5 | (49.5,55.4) | 0.6 | (-2.9,4.2) |
| Low | 54.4 | 55.4 | 57.8 | 59.7 | 54.9 | (51.7,58.1) | 58.8 | (55.9,61.6) | 3.9 | *(0.4,7.4) |

[^73]${ }^{2}$ These questions were repeated separately for each sample child.

Table 6-40. Specific belief that parental ${ }^{1}$ monitoring ${ }^{2}$ will make parent feel that they are doing their job as a parent, by youth age, gender, race/ethnicity, risk score, and sensation seeking


[^74]Table 6-41. Specific belief that parental ${ }^{1}$ monitoring ${ }^{2}$ will make it less likely that their child will try any drug, even once or twice, by youth age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent of parents holding strong belief that parental monitoring will make it less likely that their child will try any drug, even once or twice |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001Est $\quad 95 \%$ CI |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI |  |  |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 48.5 | 48.9 | 51.8 | 55.0 | 48.7 | $(45.7,51.7)$ | 53.4 | (50.2,56.6) | 4.7 | *(0.3,9.1) |
| 14 to 15 | 41.0 | 42.2 | 42.0 | 46.0 | 41.6 | $(37.7,45.6)$ | 43.9 | $(40.3,47.6)$ | 2.3 | (-3.0,7.7) |
| 16 to 18 | 36.6 | 31.8 | 32.1 | 37.7 | 34.2 | (30.9,37.6) | 35.0 | (31.9,38.2) | 0.8 | $(-4.1,5.7)$ |
| 14 to 18 | 38.6 | 36.7 | 36.9 | 41.3 | 37.6 | (35.2,40.0) | 39.1 | (36.7,41.6) | 1.5 | (-1.8,4.8) |
| 12 to 18 | 41.5 | 40.3 | 41.3 | 45.4 | 40.9 | $(38.9,42.9)$ | 43.4 | (41.3,45.5) | 2.5 | $(-0.5,5.4)$ |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 40.0 | 38.2 | 39.2 | 43.4 | 39.1 | $(36.3,42.0)$ | 41.3 | (38.4,44.2) | 2.2 | (-1.7,6.2) |
| Females | 43.1 | 42.5 | 43.5 | 47.5 | 42.8 | (39.8,45.8) | 45.5 | (42.7,48.4) | 2.7 | (-0.9,6.4) |
| White | 43.3 | 40.7 | 42.8 | 45.9 | 42.0 | (39.7,44.3) | 44.4 | (42.3,46.6) | 2.4 | (-0.6,5.5) |
| African American | 44.6 | 39.9 | 41.6 | 42.9 | 42.1 | $(36.1,48.4)$ | 42.2 | (36.2,48.5) | 0.1 | $(-8.3,8.6)$ |
| Hispanic | 32.9 | 38.0 | 33.1 | 46.8 | 35.5 | (29.4,42.1) | 39.9 | $(34.3,45.9)$ | 4.4 | $(-4.6,13.4)$ |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 34.6 | 30.8 | 32.6 | 32.5 | 32.8 | $(29.8,35.9)$ | 32.5 | (29.7,35.6) | -0.2 | (-4.1,3.7) |
| Lower risk | 46.5 | 46.0 | 47.0 | 54.0 | 46.2 | $(43.5,48.9)$ | 50.5 | (47.6,53.4) | 4.3 | *(0.4,8.2) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 37.8 | 37.6 | 38.2 | 41.6 | 37.7 | $(35.1,40.3)$ | 39.9 | (37.5,42.3) | 2.2 | (-1.1,5.5) |
| Low | 46.0 | 43.7 | 45.1 | 50.0 | 44.8 | $(41.8,47.9)$ | 47.6 | (44.2,51.0) | 2.8 | (-1.9,7.5) |

[^75]Table 6-42. Specific belief that parental ${ }^{1}$ monitoring ${ }^{2}$ will make it less likely their child will use any drug nearly every month, by youth age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent of parents holding strong belief that parental monitoring will make it less likely their child will use any drug nearly every month |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | Wave 3 \% | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 52.1 | 54.5 | 55.6 | 58.6 | 53.3 | (50.8,55.8) | 57.1 | (54.2,60.0) | 3.8 | (-0.2,7.8) |
| 14 to 15 | 45.0 | 50.1 | 46.1 | 51.6 | 47.6 | (43.6,51.6) | 48.7 | $(45.1,52.4)$ | 1.1 | (-4.0,6.3) |
| 16 to 18 | 38.9 | 36.4 | 37.3 | 39.1 | 37.6 | (34.4,41.0) | 38.2 | (35.2,41.4) | 0.6 | (-4.3,5.6) |
| 14 to 18 | 41.6 | 42.8 | 41.6 | 44.6 | 42.2 | (39.9,44.6) | 43.1 | $(40.7,45.6)$ | 0.9 | (-2.3,4.1) |
| 12 to 18 | 44.7 | 46.2 | 45.7 | 48.7 | 45.5 | (43.4,47.5) | 47.2 | $(45.3,49.2)$ | 1.7 | (-1.0,4.5) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 43.7 | 44.9 | 43.8 | 47.7 | 44.3 | $(41.3,47.4)$ | 45.8 | (43.0,48.5) | 1.5 | (-2.6,5.6) |
| Females | 45.7 | 47.7 | 47.7 | 49.8 | 46.7 | (43.9,49.5) | 48.7 | $(45.8,51.7)$ | 2.0 | (-1.4,5.5) |
| White | 48.3 | 47.3 | 49.8 | 51.4 | 47.8 | (45.6,50.1) | 50.6 | $(48.5,52.7)$ | 2.8 | (-0.2,5.8) |
| African American | 40.6 | 44.4 | 39.9 | 40.5 | 42.7 | (36.9,48.6) | 40.2 | (35.1,45.5) | -2.5 | (-9.7,4.8) |
| Hispanic | 33.5 | 43.0 | 32.7 | 47.3 | 38.3 | (32.5,44.6) | 40.1 | (34.7,45.7) | 1.7 | (-6.6,10.1) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 37.3 | 36.6 | 37.7 | 36.2 | 36.9 | (33.8,40.2) | 37.0 | (33.8,40.3) | 0.0 | $(-4.3,4.3)$ |
| Lower risk | 49.9 | 51.7 | 51.4 | 56.7 | 50.8 | $(48.1,53.6)$ | 54.0 | $(51.5,56.5)$ | 3.2 | (-0.4,6.7) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 42.4 | 42.5 | 43.2 | 44.3 | 42.4 | $(40.1,44.8)$ | 43.7 | $(41.1,46.4)$ | 1.3 | (-2.0,4.5) |
| Low | 47.4 | 50.2 | 49.2 | 53.8 | 48.9 | (46.0,51.7) | 51.6 | $(48.3,54.8)$ | 2.7 | (-1.9,7.4) |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ These questions were repeated separately for each sample child.

Table 6-43. Specific belief that parental ${ }^{1}$ monitoring ${ }^{2}$ will make their child feel they are invading his/her privacy, by youth age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent of parents holding strong belief that parental monitoring will make their child feel they are invading his/her privacy (disagree) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 18.5 | 18.8 | 19.2 | 17.3 | 18.6 | (16.4,21.1) | 18.2 | (16.2,20.5) | -0.4 | (-2.9,2.2) |
| 14 to 15 | 16.9 | 12.7 | 15.9 | 13.5 | 14.7 | $(12.0,18.1)$ | 14.8 | $(12.3,17.6)$ | 0.0 | (-3.9,4.0) |
| 16 to 18 | 14.5 | 13.9 | 9.2 | 11.7 | 14.2 | (11.5,17.3) | 10.5 | $(8.3,13.2)$ | -3.7 | *(-7.2,-0.1) |
| 14 to 18 | 15.6 | 13.3 | 12.5 | 12.5 | 14.4 | $(12.5,16.6)$ | 12.5 | $(10.8,14.4)$ | -2.0 | (-4.5,0.6) |
| 12 to 18 | 16.4 | 14.9 | 14.5 | 13.9 | 15.7 | (14.0,17.4) | 14.2 | $(12.8,15.7)$ | -1.5 | (-3.5,0.6) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 15.7 | 13.9 | 13.3 | 14.0 | 14.8 | $(12.8,17.0)$ | 13.7 | $(11.8,15.8)$ | -1.1 | (-3.8,1.5) |
| Females | 17.2 | 16.1 | 15.7 | 13.8 | 16.6 | $(14.5,18.9)$ | 14.7 | (12.6,17.1) | -1.9 | (-4.8,1.1) |
| White | 14.1 | 11.2 | 11.1 | 12.3 | 12.6 | $(11.3,14.1)$ | 11.7 | $(10.1,13.5)$ | -1.0 | (-3.0,1.0) |
| African American | 22.1 | 18.3 | 20.3 | 20.4 | 20.1 | (15.9,25.1) | 20.3 | (16.0,25.5) | 0.3 | (-5.2,5.7) |
| Hispanic | 20.4 | 24.7 | 23.4 | 14.7 | 22.6 | (16.6,30.0) | 19.0 | $(13.6,25.9)$ | -3.7 | (-14.3,7.0) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 14.9 | 11.1 | 9.7 | 10.4 | 13.0 | $(10.5,16.1)$ | 10.0 | $(8.0,12.5)$ | -3.0 | (-6.4,0.5) |
| Lower risk | 17.6 | 16.7 | 17.5 | 16.2 | 17.1 | (15.0,19.5) | 16.9 | $(14.8,19.1)$ | -0.3 | (-3.3,2.8) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High__ | 14.3 | 11.9 | 14.7 | 11.8 | 13.1 | $(11.3,15.2)$ | 13.3 | $(11.3,15.6)$ | 0.1 | (-2.5,2.8) |
| Low | 19.1 | 17.4 | 14.3 | 16.6 | 18.2 | (15.9,20.8) | 15.5 | (13.6,17.6) | -2.7 | (-5.6,0.1) |

[^76]${ }^{2}$ These questions were repeated separately for each sample child.

Table 6-44. Summary scale of specific beliefs about effectiveness of parental ${ }^{1}$ monitoring ${ }^{2}$, by youth age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Summary scale of specific beliefs about effectiveness of parental monitoring $(-2 \text { to }+2)$ <br> (where higher scores represent stronger promonitoring beliefs) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 <br> Mean | Wave 2 <br> Mean | Wave 3 <br> Mean | Wave 4 <br> Mean | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | Est | 95\% CI | Est | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 1.13 | 1.15 | 1.15 | 1.17 | 1.14 | $(1.11,1.17)$ | 1.16 | $(1.13,1.19)$ | 0.02 | (-0.02,0.06) |
| 14 to 15 | 1.05 | 1.02 | 0.99 | 1.04 | 1.04 | (0.99,1.08) | 1.01 | (0.95, 1.08) | -0.02 | (-0.09,0.05) |
| 16 to 18 | 0.88 | 0.90 | 0.89 | 0.91 | 0.89 | (0.84,0.94) | 0.90 | (0.85,0.94) | 0.01 | (-0.05,0.07) |
| 14 to 18 | 0.96 | 0.96 | 0.94 | 0.97 | 0.96 | (0.92,0.99) | 0.95 | (0.91,0.99) | 0.00 | (-0.05,0.04) |
| 12 to 18 | 1.01 | 1.01 | 1.00 | 1.03 | 1.01 | (0.98,1.04) | 1.01 | (0.98,1.05) | 0.00 | (-0.03,0.04) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 0.98 | 1.00 | 0.95 | 1.02 | 0.99 | (0.95,1.03) | 0.99 | (0.94,1.03) | 0.00 | $(-0.06,0.05)$ |
| Females | 1.04 | 1.03 | 1.05 | 1.04 | 1.03 | (1.00,1.07) | 1.05 | (1.00,1.09) | 0.01 | (-0.03,0.06) |
| White | 1.05 | 1.02 | 1.03 | 1.04 | 1.03 | $(1.00,1.06)$ | 1.03 | $(1.00,1.07)$ | 0.00 | (-0.03,0.04) |
| African American | 1.00 | 1.01 | 1.04 | 1.07 | 1.01 | (0.92,1.09) | 1.06 | (0.99,1.12) | 0.05 | (-0.05,0.15) |
| Hispanic | 0.85 | 0.98 | 0.81 | 0.96 | 0.92 | (0.84,0.99) | 0.88 | (0.79,0.98) | -0.03 | (-0.14,0.07) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 0.87 | 0.84 | 0.86 | 0.83 | 0.86 | $(0.80,0.91)$ | 0.85 | (0.80,0.90) | -0.01 | (-0.07,0.05) |
| Lower risk | 1.10 | 1.12 | 1.09 | 1.15 | 1.11 | $(1.08,1.14)$ | 1.12 | $(1.09,1.16)$ | 0.01 | (-0.03,0.05) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High__ | 0.96 | 0.95 | 0.95 | 0.96 | 0.96 | (0.92,0.99) | 0.95 | (0.91,1.00) | 0.00 | (-0.06,0.05) |
| Low | 1.06 | 1.08 | 1.07 | 1.11 | 1.07 | $(1.03,1.11)$ | 1.09 | (1.06,1.13) | 0.02 | (-0.02,0.07) |

[^77]Table 6-45. Specific intention to perform parental ${ }^{1}$ monitoring ${ }^{2}$ by requiring child to be home at specific time at night, by age of child

| Age of child | Percent of parents reporting strong intentions to require child to be home at specific time at night |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | Wave 4 | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| 12 to 13 | 85.5 | 88.6 | 87.9 | 88.5 | 87.1 | (84.9,89.0) | 88.2 | (86.3,89.9) | 1.1 | (-1.5,3.8) |
| 14 to 15 | 83.9 | 84.4 | 87.6 | 87.5 | 84.1 | $(80.9,86.9)$ | 87.5 | (84.6,90.0) | 3.4 | (-0.4,7.2) |
| 16 to 18 | 69.1 | 72.1 | 70.1 | 71.2 | 70.6 | (66.5,74.4) | 70.7 | (66.2,74.7) | 0.1 | (-5.3,5.5) |
| 14 to 18 | 75.8 | 77.9 | 78.6 | 78.4 | 76.9 | (73.9,79.5) | 78.5 | (75.5,81.2) | 1.6 | (-1.8,5.1) |
| 12 to 18 | 78.7 | 81.0 | 81.4 | 81.4 | 79.9 | (77.5,82.0) | 81.4 | (79.1,83.5) | 1.5 | (-1.2,4.2) |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ These questions were repeated separately for each sample child.

Table 6-46. Specific intention to perform parental ${ }^{1}$ monitoring ${ }^{2}$ by limiting the time child spends with other children without adult supervision, by age of child

| Age of child | Percent of parents reporting strong intentions to limit the time child spends with other children without adult supervision |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 | Wave 2 | Wave 3 | Wave 4 | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  | \% | \% | \% | \% | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| 12 to 13 | 58.5 | 59.0 | 57.9 | 61.8 | 58.8 | (55.4,62.0) | 59.8 | (56.7,62.9) | 1.1 | (-3.3,5.4) |
| 14 to 15 | 48.6 | 49.9 | 48.8 | 50.5 | 49.3 | $(45.3,53.3)$ | 49.6 | $(46.6,52.7)$ | 0.4 | (-4.9,5.6) |
| 16 to 18 | 27.1 | 23.3 | 29.1 | 30.8 | 25.2 | (21.9,28.8) | 30.0 | (26.4,33.8) | 4.8 | (-0.2,9.8) |
| 14 to 18 | 36.9 | 35.8 | 38.7 | 39.5 | 36.3 | (33.7,39.0) | 39.1 | (36.7,41.6) | 2.8 | (-1.0,6.5) |
| 12 to 18 | 43.2 | 42.7 | 44.4 | 46.1 | 42.9 | (40.7,45.2) | 45.2 | (43.3,47.2) | 2.3 | (-0.8,5.4) |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ These questions were repeated separately for each sample child.

Table 6-47. Specific intention to perform parental ${ }^{1}$ monitoring ${ }^{2}$ by knowing what child is doing when he or she is away from home, by age of child

| Age of child | Percent of parents reporting strong intentions to know what child is doing when she or he is away from home |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 | Wave 2 | Wave 3 | Wave 4 | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from <br> Year 2000 to Year 200 |  |
|  | \% | \% | \% | \% | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| 12 to 13 | 66.2 | 67.2 | 71.4 | 71.7 | 66.7 | (64.1,69.2) | 71.5 | (68.6,74.3) | 4.8 | * (1.4,8.3) |
| 14 to 15 | 62.1 | 64.3 | 62.9 | 65.8 | 63.2 | (59.8,66.6) | 64.3 | (60.6,67.8) | 1.0 | (-3.6,5.7) |
| 16 to 18 | 46.8 | 51.5 | 48.7 | 47.7 | 49.2 | (45.4,53.0) | 48.1 | (44.6,51.7) | -1.0 | (-6.2,4.2) |
| 14 to 18 | 53.8 | 57.5 | 55.6 | 55.6 | 55.7 | (53.0,58.3) | 55.6 | (52.7,58.5) | -0.1 | (-3.9,3.8) |
| 12 to 18 | 57.4 | 60.4 | 60.3 | 60.4 | 58.9 | (56.9,60.9) | 60.3 | (58.2,62.4) | 1.4 | (-1.5,4.3) |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ These questions were repeated separately for each sample child.

Table 6-48. Specific intention to perform parental ${ }^{1}$ monitoring $^{2}$ by personally knowing child's friends well, by age of child

| Age of child | Percent of parents reporting strong intentions to personally know child's friends well |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| 12 to 13 | 56.5 | 59.8 | 59.2 | 59.1 | 58.2 | $(55.7,60.7)$ | 59.1 | (56.3,61.9) | 1.0 | (-2.5,4.5) |
| 14 to 15 | 54.3 | 55.9 | 50.4 | 55.2 | 55.2 | $(51.1,59.1)$ | 52.7 | (48.9,56.4) | -2.5 | (-8.0,3.0) |
| 16 to 18 | 44.8 | 47.8 | 38.3 | 48.3 | 46.3 | $(42.0,50.7)$ | 43.6 | (39.7,47.5) | -2.7 | (-8.2,2.7) |
| 14 to 18 | 49.1 | 51.6 | 44.2 | 51.3 | 50.4 | $(47.3,53.5)$ | 47.8 | (44.9,50.6) | -2.6 | (-6.6,1.3) |
| 12 to 18 | 51.3 | 54.0 | 48.6 | 53.6 | 52.7 | $(50.5,54.9)$ | 51.1 | (48.8,53.5) | -1.6 | (-4.6,1.5) |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ These questions were repeated separately for each sample child.

Table 6-49. Specific intention to perform parental ${ }^{1}$ monitoring ${ }^{2}$ by knowing what child's plans are for the coming day, by age of child

| Age of child | Percent of parents reporting strong intentions to know what child's plans are for the coming day |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | Wave 3$\%$ | Wave 4$\%$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| 12 to 13 | 61.3 | 61.3 | 66.2 | 62.7 | 61.3 | (58.4,64.1) | 64.4 | (61.5,67.2) | 3.1 | (-1.0,7.3) |
| 14 to 15 | 52.8 | 56.6 | 55.1 | 56.1 | 54.7 | $(50.5,58.9)$ | 55.6 | (51.7,59.5) | 0.9 | (-5.3,7.0) |
| 16 to 18 | 43.0 | 45.6 | 40.6 | 46.0 | 44.3 | (40.2,48.5) | 43.5 | $(39.5,47.6)$ | -0.8 | (-6.6,5.0) |
| 14 to 18 | 47.5 | 50.7 | 47.7 | 50.5 | 49.1 | $(45.7,52.6)$ | 49.1 | (46.4,51.8) | 0.0 | (-4.7,4.7) |
| 12 to 18 | 51.5 | 53.8 | 53.2 | 54.1 | 52.7 | (50.0,55.4) | 53.6 | $(51.5,55.8)$ | 0.9 | (-2.8,4.6) |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ These questions were repeated separately for each sample child.

Table 6-50. Summary scale of specific intentions to perform parental ${ }^{1}$ monitoring ${ }^{2}$, by youth age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Summary scale of parents reporting strong intentions to perform parental monitoring $(-2 \text { to }+2)$ <br> (where higher scores represent stronger promonitoring intentions) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 Mean | Wave 2 <br> Mean | Wave 3 Mean | Wave 4 <br> Mean | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | Est | 95\% CI | Est | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 1.51 | 1.54 | 1.53 | 1.56 | 1.53 | $(1.50,1.55)$ | 1.55 | (1.52,1.58) | 0.02 | (-0.02,0.06) |
| 14 to 15 | 1.39 | 1.43 | 1.43 | 1.48 | 1.41 | (1.36,1.46) | 1.45 | $(1.41,1.49)$ | 0.04 | (-0.02,0.10) |
| 16 to 18 | 1.06 | 1.10 | 1.08 | 1.13 | 1.08 | $(1.03,1.13)$ | 1.11 | $(1.05,1.17)$ | 0.03 | (-0.05,0.11) |
| 14 to 18 | 1.21 | 1.25 | 1.25 | 1.29 | 1.23 | $(1.20,1.27)$ | 1.27 | $(1.23,1.31)$ | 0.04 | (-0.01,0.09) |
| 12 to 18 | 1.30 | 1.34 | 1.33 | 1.37 | 1.32 | $(1.29,1.34)$ | 1.35 | (1.32,1.38) | 0.03 | (0.00,0.07) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 1.26 | 1.29 | 1.27 | 1.36 | 1.27 | (1.24,1.31) | 1.32 | $(1.28,1.36)$ | 0.05 | (-0.01,0.10) |
| Females | 1.34 | 1.39 | 1.40 | 1.37 | 1.37 | $(1.33,1.40)$ | 1.38 | (1.34,1.43) | 0.02 | (-0.04, 0.07 ) |
| White | 1.31 | 1.35 | 1.36 | 1.38 | 1.33 | $(1.30,1.36)$ | 1.37 | (1.34,1.40) | 0.04 | (-0.01,0.08) |
| African American | 1.29 | 1.32 | 1.31 | 1.36 | 1.30 | $(1.24,1.37)$ | 1.33 | $(1.25,1.42)$ | 0.03 | (-0.07,0.13) |
| Hispanic | 1.27 | 1.29 | 1.20 | 1.35 | 1.28 | $(1.21,1.35)$ | 1.28 | $(1.20,1.35)$ | 0.00 | (-0.10,0.09) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 1.07 | 1.11 | 1.14 | 1.12 | 1.09 | (1.04,1.14) | 1.13 | $(1.07,1.19)$ | 0.05 | (-0.03,0.12) |
| Lower risk | 1.46 | 1.48 | 1.45 | 1.52 | 1.47 | (1.44,1.49) | 1.49 | $(1.45,1.52)$ | 0.02 | (-0.02,0.05) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 1.23 | 1.25 | 1.27 | 1.29 | 1.24 | (1.20,1.28) | 1.28 | (1.24,1.32) | 0.05 | (-0.01,0.10) |
| Low | 1.38 | 1.44 | 1.41 | 1.45 | 1.41 | (1.37,1.45) | 1.43 | (1.40,1.46) | 0.02 | (-0.03, 0.07 ) |

[^78]Table 6-51. Summary measure of general attitudes toward parental ${ }^{1}$ monitoring ${ }^{2}$, by youth age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Summary scale of general attitude toward parental monitoring (1 to 7) <br> (where higher score represents stronger promonitoring attitudes) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wave 1 <br> Mean | Wave 2 <br> Mean | Wave 3 <br> Mean | Wave 4 Mean | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | Est | 95\% CI | Est | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 6.37 | 6.35 | 6.43 | 6.46 | 6.36 | (6.32,6.41) | 6.44 | (6.41,6.48) | 0.08 | *(0.03,0.14) |
| 14 to 15 | 6.15 | 6.19 | 6.20 | 6.26 | 6.17 | $(6.10,6.24)$ | 6.23 | (6.17,6.29) | 0.06 | (-0.04,0.15) |
| 16 to 18 | 5.90 | 5.96 | 6.03 | 6.02 | 5.93 | $(5.86,6.00)$ | 6.02 | (5.95,6.10) | 0.10 | *(0.01,0.18) |
| 14 to 18 | 6.01 | 6.07 | 6.11 | 6.12 | 6.04 | $(5.99,6.09)$ | 6.12 | (6.06,6.17) | 0.08 | *(0.01,0.14) |
| 12 to 18 | 6.12 | 6.15 | 6.21 | 6.22 | 6.14 | (6.10,6.18) | 6.22 | (6.17,6.26) | 0.08 | *(0.03,0.13) |
| Youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 6.04 | 6.08 | 6.12 | 6.17 | 6.06 | (6.00,6.12) | 6.14 | (6.09,6.20) | 0.08 | *(0.01,0.15) |
| Females | 6.20 | 6.23 | 6.29 | 6.29 | 6.21 | $(6.16,6.27)$ | 6.29 | (6.24,6.34) | 0.08 | * (0.01,0.14) |
| White | 6.07 | 6.12 | 6.17 | 6.15 | 6.09 | $(6.05,6.14)$ | 6.16 | (6.11,6.21) | 0.07 | *(0.01,0.12) |
| African American | 6.26 | 6.13 | 6.30 | 6.33 | 6.19 | $(6.07,6.31)$ | 6.31 | (6.22,6.40) | 0.12 | (-0.01,0.26) |
| Hispanic | 6.28 | 6.37 | 6.28 | 6.43 | 6.33 | $(6.22,6.44)$ | 6.36 | (6.25,6.47) | 0.03 | (-0.13,0.19) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 5.84 | 5.86 | 5.92 | 5.98 | 5.85 | $(5.78,5.93)$ | 5.95 | (5.87,6.03) | 0.10 | *(0.01,0.19) |
| Lower risk | 6.31 | 6.32 | 6.39 | 6.37 | 6.32 | $(6.28,6.36)$ | 6.38 | (6.34,6.42) | 0.06 | *(0.01,0.11) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 5.99 | 6.05 | 6.11 | 6.11 | 6.02 | $(5.97,6.08)$ | 6.11 | (6.05,6.17) | 0.08 | *(0.01,0.16) |
| Low | 6.27 | 6.26 | 6.34 | 6.37 | 6.27 | $(6.20,6.33)$ | 6.35 | (6.30,6.40) | 0.09 | *(0.03,0.15) |

${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
${ }^{2}$ These questions were repeated separately for each sample child.

Table 6-52. Use of marijuana among youth as reported by parents ${ }^{1,2}$ and their children, by youth age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent of youth who have never used marijuana in the past 12 months Parent perspective Child perspective |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 97.2 | 98.6 | 98.8 | 98.9 | 97.9 | $(97.1,98.5)$ | 98.9 | (98.1,99.3) | 1.0 | *(0.1,1.9) |
|  | 96.7 | 96.8 | 98.0 | 96.8 | 96.7 | $(95.6,97.6)$ | 97.4 | (96.1,98.3) | 0.6 | (-0.8,2.1) |
| 14 to 15 | 91.4 | 90.2 | 91.5 | 90.3 | 90.8 | (87.8,93.1) | 90.9 | (88.3,93.0) | 0.1 | (-3.8,4.0) |
|  | 88.8 | 88.5 | 85.6 | 86.9 | 88.7 | (85.4,91.3) | 86.2 | $(83.5,88.6)$ | -2.5 | (-5.9,1.0) |
| 16 to 18 | 80.4 | 81.5 | 82.5 | 81.8 | 80.9 | (77.9,83.6) | 82.1 | (78.4,85.3) | 1.2 | (-3.2,5.6) |
|  | 71.1 | 70.7 | 72.4 | 73.9 | 70.9 | (67.2,74.4) | 73.2 | (69.7,76.4) | 2.3 | $(-2.3,6.9)$ |
| 14 to 18 | 85.4 | $85.6$ | $86.9$ | $85.5$ | $85.5$ | (83.5,87.2) | $86.2$ | $(83.7,88.4)$ | $0.7$ | (-1.9,3.4) |
|  | 79.0 | $79.0$ | 78.7 | 79.5 | $79.0$ | $(76.7,81.1)$ | $79.1$ | $(76.6,81.4)$ | 0.1 | $(-2.9,3.1)$ |
| 12 to 18 | 88.8 | 89.4 | 90.4 | 89.5 | 89.1 | (87.7,90.4) | 90.0 | (88.2,91.5) | 0.8 | (-1.0,2.7) |
|  | 84.1 | 84.2 | 84.4 | 84.7 | 84.2 | $(82.5,85.7)$ | 84.5 | (82.7,86.2) | 0.3 | $(-1.9,2.5)$ |

Table 6-52. Use of marijuana among youth as reported by parents ${ }^{1,2}$ and their children, by youth age, gender, race/ethnicity, risk score, and sensation seeking (continued)

| Characteristics | Percent of youth who have never used marijuana in the past 12 months Parent perspective Child perspective |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | Wave 2 <br> \% | Wave 3 \% | Wave 4 \% | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Youth aged 14 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 85.4 | 82.0 | 83.8 | 84.3 | 83.7 | (80.3,86.7) | 84.1 | (80.5,87.1) | 0.3 | (-3.9,4.6) |
|  | 76.9 | 76.0 | 77.1 | 79.5 | 76.4 | (72.3,80.2) | 78.3 | (75.0,81.3) | 1.9 | (-3.2,7.0) |
| Females | 85.3 | 89.4 | 90.1 | 86.8 | 87.3 | (84.8,89.5) | 88.5 | (85.2,91.1) | 1.1 | $(-2.4,4.7)$ |
|  | 81.1 | 82.2 | 80.3 | 79.6 | 81.6 | (78.8,84.2) | 79.9 | (76.4,83.0) | -1.7 | (-5.7,2.3) |
| White | 85.1 | 84.1 | 87.7 | 85.5 | 84.6 | $(82.2,86.7)$ | 86.6 | $(83.9,88.9)$ | 2.0 | (-1.1,5.2) |
|  | 78.0 | 76.5 | 76.9 | 78.3 | 77.3 | (74.4,80.0) | 77.6 | $(74.3,80.6)$ | 0.3 | $(-3.8,4.4)$ |
| African American | 87.0 | 85.5 | 79.4 | 85.6 | 86.2 | (79.9,90.8) | 82.6 | (74.4,88.5) | -3.7 | $(-11.7,4.4)$ |
|  | 84.2 | 80.2 | 85.1 | 83.8 | 82.1 | $(76.3,86.8)$ | 84.4 | (79.2,88.5) | 2.3 | $(-4.3,8.9)$ |
| Hispanic | 84.9 | 91.4 | 88.2 | 87.3 | 88.2 | (83.4,91.7) | 87.7 | (80.6,92.5) | -0.4 | (-7.4,6.5) |
|  | 79.2 | 87.1 | 77.4 | 83.3 | 83.2 | (77.4,87.8) | 80.4 | (73.9,85.6) | -2.8 | (-9.7,4.1) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 75.7 | 75.3 | 79.5 | 75.7 | 75.5 | (72.3,78.5) | 77.6 | $(74.0,80.8)$ | 2.1 | (-2.4,6.6) |
|  | 64.0 | 61.5 | 62.4 | 65.5 | 62.8 | $(59.3,66.1)$ | 64.0 | (60.0,67.7) | 1.2 | (-3.8,6.2) |
| Lower risk | 96.5 | 96.0 | 94.7 | 95.5 | 96.3 | $(94.4,97.5)$ | 95.1 | $(91.8,97.1)$ | -1.1 | $(-4.2,2.0)$ |
|  | 96.4 | 96.7 | 96.0 | 94.2 | 96.6 | $(94.6,97.8)$ | 95.1 | $(93.0,96.6)$ | -1.5 | $(-3.6,0.6)$ |
| Sensation seeking High $\qquad$ |  |  |  |  |  |  |  |  |  |  |
|  | 80.3 | 81.3 | 84.3 | 81.0 | 80.8 | (78.3,83.1) | 82.7 | $(79.6,85.4)$ | 1.9 | $(-1.7,5.4)$ |
|  | 70.5 | 69.4 | 71.5 | 73.6 | 70.0 | (66.9,72.9) | 72.5 | (69.1,75.8) | 2.6 | (-1.9,7.0) |
| Low | 93.2 | 91.3 | 91.9 | 92.4 | 92.2 | (89.0,94.5) | 92.2 | (88.6,94.7) | 0.0 | (-3.6,3.6) |
|  | 92.6 | 91.7 | 91.5 | 88.7 | 92.1 | (89.2,94.3) | 90.1 | $(87.2,92.3)$ | -2.1 | (-5.1,1.0) |

[^79]${ }^{2}$ These parent questions were repeated separately for each sample child.

Table 6-53. Intentions to use marijuana once or twice among youth as reported by parents ${ }^{1,2}$ and their children, by youth age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent of youth who definitely will not use marijuana even once or twice in the next 12 months |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parent perspective Child perspective |  |  |  |  |  |  |  |  |  |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from <br> Year 2000 to Year 2001 <br> Est $\quad 95 \%$ CI |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI |  |  |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | 86.6 | 89.4 | 86.9 | 84.9 | 88.0 | $(\mathbf{8 5 . 9 , 8 9 . 9})$ | 85.9 | $(\mathbf{8 3 . 6 , 8 8 . 0})$ | -2.1 | (-4.7,0.4) |
|  | 87.5 | 89.8 | 88.5 | 89.0 | 88.7 | $(86.8,90.3)$ | 88.7 | $(86.8,90.4)$ | 0.1 | $(-2.3,2.5)$ |
| 14 to 15 | 75.2 | 78.1 | 75.7 | 76.7 | 76.7 | (73.4,79.6) | 76.2 | (72.8,79.2) | -0.5 | (-4.5,3.5) |
|  | 75.6 | 78.5 | 73.1 | 71.4 | 77.1 | (73.4,80.4) | 72.2 | $(69.0,75.3)$ | -4.8 | * (-9.1,-0.6) |
| 16 to 18 | 69.6 | 74.5 | 59.1 | 68.7 | 72.0 | (68.2,75.5) | 64.2 |  | -7.8 | *(-14.5,-1.1) |
|  | 59.2 | 63.4 | 58.4 | 62.3 | 61.3 | $(57.7,64.8)$ | 60.4 | $(56.1,64.6)$ | -0.9 | (-6.0,4.3) |
| 14 to 18 | 72.2 | 76.1 | 67.2 | 72.2 | 74.1 | (71.7,76.4) | 69.7 | (66.5,72.8) | -4.4 | *(-8.5,-0.3) |
|  | 66.5 | 70.4 | 65.3 | 66.3 | 68.5 | (66.2,70.6) | 65.8 | (62.7,68.7) | -2.7 | (-6.0,0.6) |
| 12 to 18 | 76.4 | 80.1 | 73.1 | 76.0 | 78.2 | (76.5,79.8) | 74.5 | (72.0,76.9) | -3.7 | *(-6.6,-0.8) |
|  | 72.6 | 76.1 | 72.1 | 73.0 | 74.3 | (72.6,76.0) | 72.6 |  | -1.8 | (-4.2,0.6) |

Table 6-53. Intentions to use marijuana once or twice among youth as reported by parents ${ }^{1,2}$ and their children, by youth age, gender, race/ethnicity, risk score, and sensation seeking (continued)

| Characteristics | Percent of youth who definitely will not use marijuana even once or twice in the next 12 months |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parent perspective Child perspective |  |  |  |  |  |  |  |  |  |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from <br> Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Youth aged 12 to 13 |  |  |  |  |  |  |  |  |  |  |
| Males | 85.1 | 88.8 | 84.3 | 84.1 | 87.0 | (84.1,89.4) | 84.2 | (80.7,87.2) | -2.8 | (-6.6,1.1) |
|  | 85.3 | 87.5 | 90.9 | 88.6 | 86.4 | (83.8,88.7) | 89.7 | (87.4,91.7) | 3.3 | *(0.1,6.5) |
| Females | 88.2 | 90.1 | 89.6 | 85.8 | 89.1 | (85.6,91.9) | 87.7 | (84.7,90.2) | -1.4 | (-5.7,2.8) |
|  | 89.9 | 92.2 | 86.0 | 89.4 | 91.1 | (88.7,93.0) | 87.7 | (84.4,90.4) | -3.4 | $(-6.8,0.0)$ |
| White | 88.9 | 91.4 | 88.2 | 86.8 | 90.1 | (87.4,92.3) | 87.5 | (84.1,90.3) | -2.6 | (-6.2,0.9) |
|  | 88.3 | 92.0 | 89.7 | 89.1 | 90.2 | (88.0,91.9) | 89.4 | (87.0,91.4) | -0.8 | $(-3.8,2.2)$ |
| African American | 81.0 | 80.0 | 87.0 | 84.8 | 80.5 | (72.8,86.4) | 85.9 | (80.3,90.1) | 5.5 | $(-2.8,13.7)$ |
|  | 92.6 | 84.9 | 93.6 | 90.7 | 88.6 | (83.0,92.5) | 92.1 | $(86.5,95.5)$ | 3.5 | (-2.0,9.0) |
| Hispanic | 80.7 | 89.2 | 77.7 | 75.2 | 84.9 | (79.0,89.4) | 76.4 | (69.2,82.4) | -8.5 | (-17.4,0.3) |
|  | 81.4 | 82.5 | 80.7 | 87.7 | 82.0 | (75.4,87.1) | 84.3 | (78.0,89.1) | 2.4 | (-4.4,9.2) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 66.2 | 82.3 | 77.6 | 73.1 | 72.8 | (64.8,79.6) | 75.1 | (65.6,82.7) | 2.3 | $(-7.5,12.1)$ |
|  | 51.7 | 38.5 | 52.0 | 63.7 | 46.3 | (38.4,54.4) | 58.5 | (45.7,70.1) | 12.1 | (-3.3,27.5) |
| Lower risk | 89.4 | 89.8 | 87.9 | 85.4 | 89.6 | (87.3,91.5) | 86.7 | (84.2,88.8) | -2.9 | *(-5.7,-0.2) |
|  | 92.1 | 94.0 | 91.9 | 92.3 | 93.1 | $(91.3,94.4)$ | 92.1 | (90.2,93.6) | -1.0 | (-3.3,1.3) |
| Sensation seeking <br> High $\qquad$ |  |  |  |  |  |  |  |  |  |  |
|  | 83.4 | 86.6 | 84.6 | 83.0 | 85.0 | (81.9,87.7) | 83.8 | (80.1,86.9) | -1.2 | (-5.0,2.6) |
|  | 76.7 | 80.1 | 76.8 | 80.0 | 78.5 | (75.0,81.6) | 78.4 | $(74.5,81.8)$ | -0.1 | $(-4.9,4.7)$ |
| Low | 88.9 | 91.2 | 88.3 | 85.8 | 90.1 | (87.4,92.2) | 87.0 | (84.1,89.5) | -3.0 | (-6.7,0.7) |
|  | 95.4 | 97.0 | 96.8 | 95.7 | 96.2 | (94.6,97.4) | 96.2 | (93.9,97.7) | 0.0 | (-2.0,1.9) |

Table 6-53. Intentions to use marijuana once or twice among youth as reported by parents ${ }^{1,2}$ and their children, by youth age, gender, race/ethnicity, risk score, and sensation seeking (continued)

| Characteristics | Percent of youth who definitely will not use marijuana even once or twice in the next 12 months |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parent perspective Child perspective |  |  |  |  |  |  |  |  |  |
|  | Wave1 \% | $\begin{gathered} \text { Wave } 2 \\ \% \\ \hline \end{gathered}$ | Wave 3 \% | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change from <br> Year 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| Youth aged 14 to 18 |  |  |  |  |  |  |  |  |  |  |
| Males | 69.7 | 72.1 | 60.7 | 71.4 | 70.9 | (67.1,74.4) | 66.1 | (61.3,70.6) | -4.9 | $\mathbf{( - 1 0 . 8 , 1 . 1 )}$ |
|  | 64.1 | 69.5 | 63.7 | 66.1 | 66.9 | (62.6,70.8) | 64.9 | (60.7,69.0) | -1.9 | (-7.3,3.5) |
| Females | 74.7 | 80.5 | 74.2 | 73.1 | 77.6 | (74.6,80.3) | 73.7 | (70.1,76.9) | -3.9 | (-8.5,0.6) |
|  | 69.0 | 71.3 | 67.0 | 66.4 | 70.1 | (66.3,73.7) | 66.7 | $(63.5,69.7)$ | -3.5 | (-8.3,1.4) |
| White | 72.3 | 76.3 | 67.0 | 72.5 | 74.3 | (71.5,76.9) | 69.8 | (66.2,73.1) | -4.5 | *(-9.0,-0.1) |
|  | 66.2 | 67.7 | 63.3 | 65.8 | 67.0 | $(64.1,69.7)$ | 64.6 | (61.0,68.0) | -2.4 | $(-6.5,1.7)$ |
| African American | 71.9 | 72.7 | 64.4 | 65.5 | 72.3 | (65.8,78.0) | 64.9 | (56.0,72.9) | -7.3 | (-18.1,3.4) |
|  | 67.5 | 71.1 | 67.8 | 70.2 | 69.3 | (63.2,74.8) | 69.0 | $(61.5,75.6)$ | -0.3 | (-9.4,8.7) |
| Hispanic | 72.3 | 77.2 | 67.3 | 77.4 | 74.8 | (69.1,79.7) | 72.4 | (65.3,78.6) | -2.4 | (-10.7,5.9) |
|  | 67.9 | 80.5 | 71.1 | 65.6 | 74.4 | (68.2,79.7) | 68.3 | (61.2,74.7) | -6.0 | (-14.3,2.2) |
| Risk score |  |  |  |  |  |  |  |  |  |  |
| Higher risk | 62.1 | 67.9 | 55.9 | 61.8 | 64.9 | (60.9,68.8) | 58.8 | (54.5,63.1) | -6.1 | *(-11.7,-0.5) |
|  | 50.6 | 53.3 | 42.8 | 47.7 | 51.9 | (48.0,55.8) | 45.2 | (40.6,49.9) | -6.7 | *(-12.6,-0.8) |
| Lower risk | 83.3 | 84.5 | 79.1 | 83.2 | 83.9 | (80.9,86.6) | 81.2 | (77.4,84.5) | -2.7 | $(-7.1,1.7)$ |
|  | 86.0 | 89.8 | 88.0 | 85.2 | 88.0 | (85.0,90.4) | 86.5 | $(83.5,89.0)$ | -1.4 | (-4.7,1.8) |
| Sensation seeking |  |  |  |  |  |  |  |  |  |  |
| High | 66.5 | 71.3 | 62.7 | 67.6 | 68.8 | (65.5,72.0) | 65.1 | (61.4,68.6) | -3.7 | (-8.6,1.1) |
|  | 55.6 | 58.0 | 54.8 | 55.2 | 56.8 | (53.4,60.1) | 55.0 | (51.4,58.6) | -1.8 | (-6.2,2.6) |
| Low | 80.9 | 82.4 | 76.3 | 79.5 | 81.7 | (78.4,84.6) | 78.0 | (73.2,82.2) | -3.7 | (-9.3,1.9) |
|  | 84.4 | 87.4 | 84.1 | 83.2 | 86.0 | (82.2,89.1) | 83.6 | (80.0,86.7) | -2.3 | $(-6.6,1.9)$ |

[^80]Table 6-54. Intentions to use marijuana regularly among youth as reported by parents ${ }^{1,2}$ and their children, by youth age, gender, race/ethnicity, risk score, and sensation seeking

| Characteristics | Percent of youth who definitely will not use marijuana regularly in the next 12 months |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Parent perspective Child perspective |  |  |  |  |  |  |  |  |  |
|  | $\begin{gathered} \text { Wave } 1 \\ \% \end{gathered}$ | $\begin{gathered} \text { Wave } 2 \\ \% \end{gathered}$ | $\begin{gathered} \text { Wave } 3 \\ \% \\ \hline \end{gathered}$ | $\begin{gathered} \text { Wave } 4 \\ \% \\ \hline \end{gathered}$ | Average for Waves 1 and 2 (Year 2000) |  | Average for Waves 3 and 4 (Year 2001) |  | Change fromYear 2000 to Year 2001 |  |
|  |  |  |  |  | \% | 95\% CI | \% | 95\% CI | Est | 95\% CI |
| All youth aged 12 to 18 |  |  |  |  |  |  |  |  |  |  |
| 12 to 13 | $90.7$ | 92.5 | 90.9 | 90.7 | 91.6 | $(89.8,93.1)$ | $90.8$ | (89.2,92.2) | $-0.8$ | (-3.1,1.5) |
|  | $94.4$ | 96.1 | 94.5 | $95.0$ | 95.2 | $(94.1,96.2)$ | $94.8$ | (93.4,95.9) | $-0.5$ | $(-1.9,1.0)$ |
| 14 to 15 | 83.3 | 85.1 | 84.5 | 84.0 | 84.2 | (81.4,86.6) | 84.2 | (81.2,86.8) | 0.0 | (-3.3,3.3) |
|  | 89.6 | 89.6 | 84.4 | 84.8 | 89.6 | (87.3,91.6) | 84.6 | (81.7,87.0) | -5.1 | *(-8.4,-1.8) |
| 16 to 18 | 75.9 | 79.0 | 67.7 | 75.8 | 77.4 | (74.0,80.5) | 72.0 | (67.7,75.9) | -5.5 | (-11.3,0.4) |
|  | 76.2 | 74.5 | 72.9 | 76.1 | 75.4 | (72.0,78.5) | 74.6 | (70.9,77.9) | -0.8 | $(-5.3,3.6)$ |
| 14 to 18 | 79.3 | 81.8 | 75.9 | 79.4 | 80.5 | (78.7,82.3) | 77.7 | (74.8,80.3) | -2.9 | (-6.0,0.2) |
|  | 82.2 | 81.5 | 78.3 | 79.9 | 81.9 | (79.8,83.7) | 79.1 | (76.4,81.5) | -2.8 | $(-5.7,0.1)$ |
| 12 to 18 | 82.6 | 85.0 | 80.3 | 82.7 | 83.8 | (82.3,85.2) | 81.5 | (79.4,83.4) | -2.3 | *(-4.5,-0.1) |
|  | 85.7 | 85.8 | 83.1 | 84.4 | 85.7 |  | 83.7 | (81.8,85.5) | -2.0 | (-4.2,0.1) |

Table 6-54. Intentions to use marijuana regularly among youth as reported by parents ${ }^{1,2}$ and their children, by youth age, gender, race/ethnicity, risk score, and sensation seeking (continued)

|  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

[^81]Table 6-55. Parental exposure ${ }^{1}$ to general anti-drug advertising, by youth and parent characteristics
November 1999 through December 2001

| Parents of Youth aged$12 \text { to } 18 \text { by: }$ | Percent of parents reporting each exposure level by child's age |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Less than 4 times per month | 4-11 times per month | 12 or more times per month | Total row percent |
| Youth demographics |  |  |  |  |
| 12 to 18 | 30.9 | 26.7 | 42.5 | 100.0 |
| 12 to 13 | 29.1 | 28.5 | 42.5 | 100.0 |
| 14 to 18 | 29.6 | 27.9 | 42.5 | 100.0 |
| Males | 29.5 | 29.4 | 41.1 | 100.0 |
| Females | 29.7 | 26.4 | 44.0 | 100.0 |
| White | 31.1 | 30.2 | 38.6 | 100.0 |
| African American | 22.7 | 23.3 | 54.0 | 100.0 |
| Hispanic | 28.7 | 22.1 | 49.2 | 100.0 |
| Parent demographics |  |  |  |  |
| Males | 29.0 | 30.2 | 40.8 | 100.0 |
| Females | 29.9 | 26.8 | 43.3 | 100.0 |
| White | 30.9 | 30.5 | 38.6 | 100.0 |
| African American | 22.5 | 22.2 | 55.3 | 100.0 |
| Hispanic | 28.1 | 23.1 | 48.8 | 100.0 |
| Less than college | 30.9 | 23.9 | 45.2 | 100.0 |
| Some college + | 28.4 | 31.6 | 40.0 | 100.0 |

[^82]Table 6-56. Parental exposure ${ }^{1}$ to specific anti-drug advertising, by youth and parent characteristics
November 1999 through December 2001

| Parents of Youth aged 12 to 18 by: | Percent of parents reporting each exposure level by child's age |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Less than 1 time per month | $\begin{aligned} & 1-3 \text { times } \\ & \text { per month } \\ & \hline \end{aligned}$ | 4-11 times per month | 12 or more times per month | Total row percent |
| Youth demographics |  |  |  |  |  |
| 12 to 18 | 26.8 | 33.1 | 29.2 | 10.9 | 100.0 |
| 12 to 13 | 24.9 | 32.9 | 31.4 | 10.7 | 100.0 |
| 14 to 18 | 25.5 | 32.9 | 30.8 | 10.8 | 100.0 |
| Males | 27.2 | 32.0 | 30.5 | 10.3 | 100.0 |
| Females | 23.7 | 33.9 | 31.0 | 11.3 | 100.0 |
| White | 25.7 | 34.9 | 30.4 | 9.0 | 100.0 |
| African American | 23.9 | 28.8 | 32.8 | 14.5 | 100.0 |
| Hispanic | 25.0 | 28.2 | 30.4 | 16.4 | 100.0 |
| Parent demographics |  |  |  |  |  |
| Males | 25.5 | 34.3 | 30.9 | 9.3 | 100.0 |
| Females | 25.5 | 32.2 | 30.7 | 11.6 | 100.0 |
| White | 25.9 | 34.8 | 30.2 | 9.1 | 100.0 |
| African American | 23.2 | 29.2 | 33.3 | 14.3 | 100.0 |
| Hispanic | 25.2 | 26.8 | 32.0 | 16.0 | 100.0 |
| Less than college | 23.1 | 31.4 | 32.8 | 12.8 | 100.0 |
| Some college + | 27.7 | 34.3 | 29.0 | 9.0 | 100.0 |

${ }^{1}$ Limited to parents of nonusing youth aged 12 to 18 .

Table 6-57. The relationship between parental exposure ${ }^{1}$ to general anti-drug advertising and parents' cognitions about monitoring their children ${ }^{2}$, by both youth and parent characteristics

November 1999 through December 2001

| Characteristics | Exposure level of parents (real or hypothetical) |  |  |  | Direct Campaign effect (C1-C2) | ```Significance level of monotone dose-response relationship, if p<. 05``` | Spearman's rho (rank order correlation) | Potential maximum Campaign effect (C4-C2) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Actual during period (C1) | Less than 4 times per month (C2) | 4-11 times per month (C3) | 12 or more times per month (C4) |  |  |  |  |
| Parental cognitions, by age of child |  |  |  |  |  |  |  |  |
| 12 to 13 | $\begin{array}{r} 119.13 \\ (115.59,122.67) \end{array}$ | $\begin{array}{r} 112.87 \\ (106.62,119.13) \end{array}$ | $\begin{array}{r} 116.66 \\ (108.69,124.62) \end{array}$ | $\begin{array}{r} 124.14 \\ (117.83,130.45) \end{array}$ | $\begin{array}{r} 6.25 \\ *(1.04,11.46) \end{array}$ | 0.015 | 0.05 | $\begin{array}{r} 11.26 \\ *(2.90,19.63) \end{array}$ |
| 14 to 18 | $\begin{array}{r} 77.94 \\ (72.98,82.89) \end{array}$ | $\begin{array}{r} 67.32 \\ (59.18,75.47) \end{array}$ | $\begin{array}{r} 78.05 \\ (69.15,86.95) \end{array}$ | $\begin{array}{r} 83.06 \\ (75.16,90.95) \end{array}$ | $\begin{array}{r} 10.62 \\ *(3.22,18.01) \end{array}$ | 0.003 | 0.07 | $\begin{array}{r} 15.73 \\ *(4.76,26.71) \end{array}$ |
| 12 to 18 | $\begin{array}{r} 90.08 \\ (86.38,93.78) \end{array}$ | $\begin{array}{r} 81.60 \\ (75.19,88.02) \end{array}$ | $\begin{array}{r} 88.87 \\ (82.21,95.54) \end{array}$ | $\begin{array}{r} 95.07 \\ (89.00,101.14) \end{array}$ | $\begin{array}{r} 8.48 \\ *(2.80,14.16) \end{array}$ | 0.002 | 0.06 | $\begin{array}{r} 13.47 \\ *(4.80,22.13) \end{array}$ |
| Parental cognitions, by child characteristics |  |  |  |  |  |  |  |  |
| Males_ | $\begin{array}{r} 81.72 \\ (76.67,86.76) \end{array}$ | $\begin{array}{r} 73.02 \\ (64.58,81.46) \end{array}$ | $\begin{array}{r} 83.11 \\ (74.14,92.07) \end{array}$ | $\begin{array}{r} 86.03 \\ (77.65,94.42) \end{array}$ | $\begin{array}{r} 8.70 \\ *(1.47,15.92) \end{array}$ | 0.013 | 0.06 | $\begin{array}{r} 13.01 \\ *(1.73,24.30) \end{array}$ |
| Females | $\begin{array}{r} 98.91 \\ (94.09,103.74) \end{array}$ | $\begin{array}{r} 90.52 \\ (81.64,99.40) \end{array}$ | $\begin{array}{r} 95.62 \\ (87.45,103.79) \end{array}$ | $\begin{array}{r} 104.03 \\ (95.72,112.34) \end{array}$ | $\begin{array}{r} 8.40 \\ *(0.85,15.94) \end{array}$ | 0.016 | 0.06 | $\begin{array}{r} 13.51 \\ *(2.51,24.51) \end{array}$ |
| White | $\begin{array}{r} 86.42 \\ (81.95,90.88) \end{array}$ | $\begin{array}{r} 79.41 \\ (72.42,86.40) \end{array}$ | $\begin{array}{r} 86.82 \\ (79.50,94.13) \end{array}$ | $\begin{array}{r} 89.27 \\ (81.25,97.30) \end{array}$ | $\begin{array}{r} 7.01 \\ *(0.72,13.30) \end{array}$ | 0.047 | 0.04 | $\begin{array}{r} 9.87 \\ (-0.68,20.41) \end{array}$ |
| African American | $\begin{array}{r} 96.47 \\ (87.49,105.45) \end{array}$ | $\begin{array}{r} 79.45 \\ (62.93,95.97) \end{array}$ | $\begin{array}{r} 97.61 \\ (78.25,116.98) \end{array}$ | $\begin{array}{r} 105.35 \\ (93.65,117.05) \end{array}$ | $\begin{array}{r} 17.02 \\ *(2.98,31.06) \end{array}$ | 0.012 | 0.10 | $\begin{array}{r} 25.90 \\ *(7.28,44.51) \end{array}$ |
| Hispanic | $\begin{array}{r} 102.09 \\ (93.20,110.99) \end{array}$ | $\begin{array}{r} 95.22 \\ (80.89,109.55) \end{array}$ | $\begin{array}{r} 96.01 \\ (75.62,116.40) \end{array}$ | $\begin{array}{r} 109.47 \\ (95.23,123.71) \end{array}$ | $\begin{array}{r} 6.87 \\ (-6.03,19.78) \end{array}$ |  | 0.06 | $\begin{array}{r} 14.25 \\ (-4.84,33.34) \end{array}$ |

Table 6-57. The relationship between parental exposure ${ }^{1}$ to general anti-drug advertising and parents' cognitions about monitoring their children ${ }^{2}$, by both youth and parent characteristics (continued)

November 1999 through December 2001

${ }^{1}$ Limited to parents of nonusing youth aged 12 to 18 .
${ }^{2}$ Measurement of this construct is detailed in Appendix E.

Table 6-58. The relationship between parental exposure ${ }^{1}$ to specific anti-drug advertising and parents' cognitions about monitoring their children ${ }^{2}$, by both youth and parent characteristics

November 1999 through December 2001

| Characteristics | Exposure level of parents (real or hypothetical) |  |  |  |  |  | Significance level of monotone dose-response relationship, if $\mathrm{p}<.05$ | Spearman's rho (rank order correlation) | Potential maximum Campaign effect (C5-C2) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Actual during period (C1) | Less than 1 time per month (C2) | 1-3 times per month (C3) | 4-11 times per month (C4) | 12 or more times per month (C5) | Direct Campaign effect (C1-C2) |  |  |  |
| Parental cognitions, by age of child |  |  |  |  |  |  |  |  |  |
| 12 to 13 | $\begin{array}{r} 119.13 \\ (115.59,122.67) \end{array}$ | $\begin{array}{r} 120.69 \\ (112.16,129.21) \end{array}$ | $\begin{array}{r} 113.92 \\ (107.46,120.38) \end{array}$ | $\begin{array}{r} 119.42 \\ (113.12,125.72) \end{array}$ | $\begin{array}{r} 126.07 \\ (114.72,137.41) \end{array}$ | $\begin{array}{r} -1.56 \\ (-9.32,6.19) \end{array}$ |  | 0.01 | $\begin{array}{r} 5.38 \\ (-9.59,20.34) \end{array}$ |
| 14 to 18 | $\begin{array}{r} 77.94 \\ (72.98,82.89) \end{array}$ | $\begin{array}{r} 73.28 \\ (62.06,84.49) \end{array}$ | $\begin{array}{r} 78.49 \\ (71.89,85.09) \end{array}$ | $\begin{array}{r} 78.74 \\ (71.04,86.45) \end{array}$ | $\begin{array}{r} 86.73 \\ (67.69,105.77) \end{array}$ | $\begin{array}{r} 4.66 \\ (-3.75,13.08) \end{array}$ |  | 0.04 | $\begin{array}{r} 13.45 \\ (-5.77,32.67) \end{array}$ |
| 12 to 18 | $\begin{array}{r} 90.08 \\ (86.38,93.78) \end{array}$ | $\begin{array}{r} 87.62 \\ (79.36,95.88) \end{array}$ | $\begin{array}{r} 88.84 \\ (83.44,94.24) \end{array}$ | $\begin{array}{r} 90.42 \\ (84.30,96.55) \end{array}$ | $\begin{array}{r} 97.74 \\ (83.08,112.40) \end{array}$ | $\begin{array}{r} 2.46 \\ (-4.11,9.03) \end{array}$ |  | 0.03 | $\begin{array}{r} 10.11 \\ (-5.23,25.46) \end{array}$ |
| Parental cognitions, by child characteristics |  |  |  |  |  |  |  |  |  |
| Males | $\begin{array}{r} 81.72 \\ (76.67,86.76) \end{array}$ | $\begin{array}{r} 77.75 \\ (67.22,88.28) \end{array}$ | $\begin{array}{r} 79.08 \\ (71.37,86.79) \end{array}$ | $\begin{array}{r} 85.01 \\ (75.50,94.52) \end{array}$ | $\begin{array}{r} 87.14 \\ (70.74,103.54) \end{array}$ | $\begin{array}{r} 3.96 \\ (-4.37,12.29) \end{array}$ |  | 0.03 | $\begin{array}{r} 9.38 \\ (-8.83,27.60) \end{array}$ |
| Females | $\begin{array}{r} 98.91 \\ (94.09,103.74) \end{array}$ | $\begin{array}{r} 99.69 \\ (89.39,109.99) \end{array}$ | $\begin{array}{r} 98.62 \\ (91.58,105.66) \end{array}$ | $\begin{array}{r} 96.25 \\ (88.72,103.77) \end{array}$ | $\begin{array}{r} 107.83 \\ (86.14,129.51) \end{array}$ | $\begin{array}{r} -0.77 \\ (-9.75,8.21) \end{array}$ |  | 0.03 | $\begin{array}{r} 8.14 \\ (-14.02,30.30) \end{array}$ |
| White | $\begin{array}{r} 86.42 \\ (81.95,90.88) \end{array}$ | $\begin{array}{r} 83.64 \\ (74.11,93.17) \end{array}$ | $\begin{array}{r} 87.46 \\ (80.90,94.02) \end{array}$ | $\begin{array}{r} 86.46 \\ (79.71,93.20) \end{array}$ | $\begin{array}{r} 98.61 \\ (78.04,119.19) \end{array}$ | $\begin{array}{r} 2.78 \\ (-4.76,10.31) \end{array}$ |  | 0.04 | $\begin{array}{r} 14.97 \\ (-6.59,36.54) \end{array}$ |
| African American | $\begin{array}{r} 96.47 \\ (87.49,105.45) \end{array}$ | $\begin{array}{r} 76.50 \\ (57.31,95.70) \end{array}$ | $\begin{array}{r} 94.99 \\ (80.41,109.56) \end{array}$ | $\begin{array}{r} 105.33 \\ (90.17,120.49) \end{array}$ | $\begin{array}{r} 112.07 \\ (88.30,135.85) \end{array}$ | $\begin{array}{r} 19.97 \\ *(3.80,36.14) \end{array}$ |  | 0.11 | $\begin{array}{r} 35.57 \\ *(4.60,66.54) \end{array}$ |
| Hispanic | $\begin{array}{r} 102.09 \\ (93.20,110.99) \end{array}$ | $\begin{array}{r} 110.69 \\ (89.47,131.92) \end{array}$ | $\begin{array}{r} 94.10 \\ (78.28,109.92) \end{array}$ | $\begin{array}{r} 98.59 \\ (84.02,113.16) \end{array}$ | $\begin{array}{r} 82.88 \\ (48.19,117.58) \end{array}$ | $\begin{array}{r} -8.6 \\ (-27.56,10.36) \end{array}$ |  | -0.08 | $\begin{array}{r} -27.81 \\ (-70.95,15.33) \end{array}$ |

Table 6-58. The relationship between parental exposure ${ }^{1}$ to specific anti-drug advertising and parents' cognitions about monitoring their children ${ }^{2}$, by both youth and parent characteristics (continued)

November 1999 through December 2001

|  | Exposure level of parents (real or hypothetical) |  |  |  |  |  | Significance level of monotone dose-response relationship, if $\mathrm{p}<.05$ | Spearman's rho (rank order correlation) | Potential maximum <br> Campaign effect (C5-C2) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Characteristics | Actual during period (C1) | Less than 1 time per month (C2) | 1-3 times per month (C3) | 4-11 times per month (C4) | $\begin{aligned} & 12 \text { or more } \\ & \text { times per } \\ & \text { month } \\ & \text { (C5) } \\ & \hline \end{aligned}$ | Direct <br> Campaign effect (C1-C2) |  |  |  |
| Parental cognitions parent characterist |  |  |  |  |  |  |  |  |  |
| Males | $\begin{array}{r} 75.74 \\ (69.00,82.49) \end{array}$ | $\begin{array}{r} 70.64 \\ (58.13,83.15) \end{array}$ | $\begin{array}{r} 70.67 \\ (61.74,79.60) \end{array}$ | $\begin{array}{r} 76.08 \\ (64.45,87.70) \end{array}$ | $\begin{array}{r} 101.96 \\ (85.22,118.70) \end{array}$ | $\begin{array}{r} 5.1 \\ (-5.17,15.38) \end{array}$ | 0.001 | 0.10 | $\begin{array}{r} 31.32 \\ *(13.24,49.40) \end{array}$ |
| Females | $\begin{array}{r} 97.54 \\ (93.33,101.74) \end{array}$ | $\begin{array}{r} 95.91 \\ (86.18,105.64) \end{array}$ | $\begin{array}{r} 98.29 \\ (91.49,105.08) \end{array}$ | $\begin{array}{r} 98.35 \\ (90.99,105.71) \end{array}$ | $\begin{array}{r} 95.93 \\ (77.21,114.64) \end{array}$ | $\begin{array}{r} 1.62 \\ (-6.28,9.52) \end{array}$ |  | 0.00 | $\begin{array}{r} 0.01 \\ (-18.84,18.86) \end{array}$ |
| Less than college | $\begin{array}{r} 86.42 \\ (81.13,91.71) \end{array}$ | $\begin{array}{r} 88.70 \\ (76.28,101.12) \end{array}$ | $\begin{array}{r} 86.06 \\ (77.31,94.82) \end{array}$ | $\begin{array}{r} 82.31 \\ (73.62,91.01) \end{array}$ | $\begin{array}{r} 85.96 \\ (66.24,105.67) \end{array}$ | $\begin{array}{r} -2.28 \\ (-13.17,8.61) \end{array}$ |  | -0.02 | $\begin{array}{r} -2.74 \\ (-25.12,19.63) \end{array}$ |
| Some college + | $\begin{array}{r} 93.44 \\ (88.55,98.34) \end{array}$ | $\begin{array}{r} 87.05 \\ (78.54,95.56) \end{array}$ | $\begin{array}{r} 91.00 \\ (83.39,98.61) \end{array}$ | $\begin{array}{r} 97.91 \\ (89.23,106.59) \end{array}$ | $\begin{array}{r} 110.10 \\ (88.55,131.64) \end{array}$ | $\begin{array}{r} 6.39 \\ (-1.44,14.22) \end{array}$ | 0.035 | 0.08 | $\begin{array}{r} 23.04 \\ *(0.06,46.03) \end{array}$ |

[^83]${ }^{2}$ Measurement of this construct is detailed in Appendix E.

Table 6-59. The relationship between parental exposure ${ }^{1}$ to general anti-drug advertising and parents' cognitions about talking to their children about drugs ${ }^{2}$, by both youth and parent characteristics

November 1999 through December 2001

| Characteristics | Exposure level of parents (real or hypothetical) |  |  |  | Direct Campaign effect (C1-C2) | Significance level of monotone dose-response relationship, if $\mathrm{p}<.05$ | Spearman's rho (rank order correlation) | Potential <br> maximum <br> Campaign effect <br> (C4-C2) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Actual during period (C1) | Less than 4 times per month (C2) | 4-11 times per month (C3) | 12 or more times per month (C4) |  |  |  |  |
| Parental cognitions, by age of child |  |  |  |  |  |  |  |  |
| 12 to 13 | $\begin{array}{r} 110.83 \\ (106.12,115.54) \end{array}$ | $\begin{array}{r} 100.62 \\ (92.43,108.82) \end{array}$ | $\begin{array}{r} 104.23 \\ (98.52,109.95) \end{array}$ | $\begin{array}{r} 123.81 \\ (116.29,131.32) \end{array}$ | $\begin{array}{r} 10.21 \\ *(3.94,16.48) \end{array}$ | $<0.001$ | 0.08 | $\begin{array}{r} 23.18 \\ *(13.19,33.18) \end{array}$ |
| 14 to 18 | $\begin{array}{r} 95.38 \\ (90.60,100.17) \end{array}$ | $\begin{array}{r} 78.31 \\ (68.78,87.84) \end{array}$ | $\begin{array}{r} 88.94 \\ (81.19,96.69) \end{array}$ | $\begin{array}{r} 110.97 \\ (104.40,117.53) \end{array}$ | $\begin{array}{r} 17.07 \\ *(9.78,24.37) \end{array}$ | <0.001 | 0.12 | $\begin{array}{r} 32.65 \\ *(20.54,44.77) \end{array}$ |
| 12 to 18 | $\begin{array}{r} 99.94 \\ (96.14,103.74) \end{array}$ | $\begin{array}{r} 85.31 \\ (78.72,91.89) \end{array}$ | $\begin{array}{r} 93.23 \\ (87.22,99.24) \end{array}$ | $\begin{array}{r} 114.72 \\ (108.87,120.57) \end{array}$ | $\begin{array}{r} 14.63 \\ *(9.34,19.93) \end{array}$ | $<0.001$ | 0.11 | $\begin{array}{r} 29.42 \\ *(20.54,38.29) \end{array}$ |
| Parental cognitions, by child characteristics |  |  |  |  |  |  |  |  |
| Males | $\begin{array}{r} 97.03 \\ (92.68,101.37) \end{array}$ | $\begin{array}{r} 81.24 \\ (72.36,90.12) \end{array}$ | $\begin{array}{r} 87.45 \\ (80.01,94.89) \end{array}$ | $\begin{array}{r} 114.54 \\ (108.71,120.37) \end{array}$ | $\begin{array}{r} 15.79 \\ *(8.46,23.12) \end{array}$ | $<0.001$ | 0.12 | $\begin{array}{r} 33.30 \\ *(23.18,43.42) \end{array}$ |
| Females | $\begin{array}{r} 103.01 \\ (97.31,108.72) \end{array}$ | $\begin{array}{r} 89.53 \\ (80.16,98.90) \end{array}$ | $\begin{array}{r} 99.98 \\ (91.32,108.65) \end{array}$ | $\begin{array}{r} 114.90 \\ (106.65,123.15) \end{array}$ | $\begin{array}{r} 13.48 \\ *(6.46,20.51) \end{array}$ | $<0.001$ | 0.09 | $\begin{array}{r} 25.37 \\ *(13.51,37.24) \end{array}$ |
| White | $\begin{array}{r} 90.47 \\ (86.21,94.72) \end{array}$ | $\begin{array}{r} 71.02 \\ (63.00,79.05) \end{array}$ | $\begin{array}{r} 88.61 \\ (83.01,94.21) \end{array}$ | $\begin{array}{r} 107.50 \\ (101.37,113.64) \end{array}$ | $\begin{array}{r} 19.45 \\ *(13.65,25.24) \end{array}$ | <0.001 | 0.14 | $\begin{array}{r} 36.48 \\ *(26.01,46.96) \end{array}$ |
| African American | $\begin{array}{r} 123.56 \\ (111.22,135.90) \end{array}$ | $\begin{array}{r} 114.94 \\ (93.81,136.07) \end{array}$ | $\begin{array}{r} 105.07 \\ (85.37,124.76) \end{array}$ | $\begin{array}{r} 134.30 \\ (119.51,149.09) \end{array}$ | $\begin{array}{r} 8.62 \\ (-10.66,27.89) \end{array}$ |  | 0.05 | $\begin{array}{r} 19.36 \\ (-5.65,44.37) \end{array}$ |
| Hispanic | $\begin{array}{r} 122.21 \\ (114.61,129.82) \end{array}$ | $\begin{array}{r} 120.77 \\ (107.17,134.38) \end{array}$ | $\begin{array}{r} 113.26 \\ (96.90,129.62) \end{array}$ | $\begin{array}{r} 128.80 \\ (115.55,142.05) \end{array}$ | $\begin{array}{r} 1.44 \\ (-9.99,12.87) \end{array}$ |  | 0.05 | $\begin{array}{r} 8.02 \\ (-9.81,25.86) \end{array}$ |

Table 6-59. The relationship between parental exposure ${ }^{1}$ to general anti-drug advertising and parents' cognitions about talking to their children about drugs ${ }^{2}$, by both youth and parent characteristics (continued)

November 1999 through December 2001

| Characteristics | Exposure level of parents (real or hypothetical) |  |  |  | Direct Campaign effect (C1-C2) | Significance level of monotone dose-response relationship, if $\mathrm{p}<.05$ | Spearman's rho (rank order correlation) | Potential <br> maximum <br> Campaign effect <br> (C4-C2) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Actual during period (C1) | Less than 4 times per month (C2) | 4-11 times per month (C3) | 12 or more times per month (C4) |  |  |  |  |
| Parental cognitions, by parent characteristics |  |  |  |  |  |  |  |  |
| Males | $\begin{array}{r} 87.07 \\ (81.16,92.98) \end{array}$ | $\begin{array}{r} 68.25 \\ (56.19,80.31) \end{array}$ | $\begin{array}{r} 79.57 \\ (69.82,89.31) \end{array}$ | $\begin{array}{r} 104.84 \\ (95.80,113.88) \end{array}$ | $\begin{array}{r} 18.83 \\ *(9.59,28.06) \end{array}$ | $<0.001$ | 0.12 | $\begin{array}{r} 36.59 \\ *(20.99,52.19) \end{array}$ |
| Females | $\begin{array}{r} 106.63 \\ (101.39,111.87) \end{array}$ | $\begin{array}{r} 93.64 \\ (84.61,102.67) \end{array}$ | $\begin{array}{r} 101.00 \\ (93.04,108.96) \end{array}$ | $\begin{array}{r} 119.69 \\ (112.09,127.29) \end{array}$ | $\begin{array}{r} 12.99 \\ *(6.32,19.65) \end{array}$ | $<0.001$ | 0.10 | $\begin{array}{r} 26.05 \\ *(14.89,37.22) \end{array}$ |
| Less than college | $\begin{array}{r} 105.99 \\ (101.03,110.95) \end{array}$ | $\begin{array}{r} 91.32 \\ (81.69,100.94) \end{array}$ | $\begin{array}{r} 100.03 \\ (91.12,108.94) \end{array}$ | $\begin{array}{r} 118.25 \\ (110.29,126.20) \end{array}$ | $\begin{array}{r} 14.67 \\ *(7.00,22.34) \end{array}$ | $<0.001$ | 0.10 | $\begin{array}{r} 26.93 \\ *(15.14,38.71) \end{array}$ |
| Some college + | $\begin{array}{r} 94.22 \\ (88.88,99.56) \end{array}$ | $\begin{array}{r} 78.46 \\ (68.68,88.24) \end{array}$ | $\begin{array}{r} 88.25 \\ (79.49,97.02) \end{array}$ | $\begin{array}{r} 110.87 \\ (103.27,118.47) \end{array}$ | $\begin{array}{r} 15.76 \\ *(8.69,22.83) \end{array}$ | $<0.001$ | 0.12 | $\begin{array}{r} 32.41 \\ *(19.86,44.97) \end{array}$ |

${ }^{1}$ Limited to parents of nonusing youth aged 12 to 18 .
${ }^{2}$ Measurement of this construct is detailed in Appendix E.

Table 6-60. The relationship between parental exposure ${ }^{1}$ to specific anti-drug advertising and parents' cognitions about talking to their children about drugs ${ }^{2}$, by both youth and parent characteristics

November 1999 through December 2001

| Characteristics | Exposure level of parents (real or hypothetical) |  |  |  |  | Direct Campaign effect (C1-C2) | $\begin{gathered} \text { Significance } \\ \text { level } \\ \text { of monotone } \\ \text { dose-response } \\ \text { relationship, } \\ \text { if } \mathrm{p}<.05 \\ \hline \end{gathered}$ | Spearman's rho (rank order correlation) | Potential maximum <br> Campaign effect (C5-C2) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Actual during period (C1) | Less than 1 time per month (C2) | 1-3 times per month (C3) | 4-11 times per month (C4) | 12 or more times per month (C5) |  |  |  |  |
| Parental cognitions, by age of child |  |  |  |  |  |  |  |  |  |
| 12 to 13 | $\begin{array}{r} 110.83 \\ (106.12,115.54) \end{array}$ | $\begin{array}{r} 105.15 \\ (97.08,113.22) \end{array}$ | $\begin{array}{r} 107.12 \\ (100.19,114.05) \end{array}$ | $\begin{array}{r} 115.42 \\ (107.59,123.25) \end{array}$ | $\begin{array}{r} 124.51 \\ (109.10,139.92) \end{array}$ | $\begin{array}{r} 5.68 \\ (-1.39,12.75) \end{array}$ | 0.006 | 0.08 | $\begin{array}{r} 19.35 \\ *(3.76,34.95) \end{array}$ |
| 14 to 18 | $\begin{array}{r} 95.38 \\ (90.60,100.17) \end{array}$ | $\begin{array}{r} 87.68 \\ (77.13,98.23) \end{array}$ | $\begin{array}{r} 89.26 \\ (83.00,95.52) \end{array}$ | $\begin{array}{r} 104.29 \\ (97.60,110.97) \end{array}$ | $\begin{array}{r} 110.77 \\ (95.52,126.01) \end{array}$ | $\begin{array}{r} 7.7 \\ (-0.91,16.32) \end{array}$ | 0.011 | 0.08 | $\begin{array}{r} 23.09 \\ *(4.98,41.20) \end{array}$ |
| 12 to 18 | $\begin{array}{r} 99.94 \\ (96.14,103.74) \end{array}$ | $\begin{array}{r} 92.97 \\ (85.66,100.28) \end{array}$ | $\begin{array}{r} 94.48 \\ (89.33,99.62) \end{array}$ | $\begin{array}{r} 107.48 \\ (101.90,113.07) \end{array}$ | $\begin{array}{r} 114.61 \\ (102.69,126.53) \end{array}$ | $\begin{array}{r} 6.97 \\ *(0.66,13.28) \end{array}$ | 0.002 | 0.08 | $\begin{array}{r} 21.65 \\ *(7.89,35.40) \end{array}$ |
| Parental cognitions, by child characteristics |  |  |  |  |  |  |  |  |  |
| Males | $\begin{array}{r} 97.03 \\ (92.68,101.37) \end{array}$ | $\begin{array}{r} 88.06 \\ (77.84,98.28) \end{array}$ | $\begin{array}{r} 90.25 \\ (82.44,98.06) \end{array}$ | $\begin{array}{r} 105.24 \\ (97.77,112.72) \end{array}$ | $\begin{array}{r} 124.14 \\ (112.59,135.69) \end{array}$ | $\begin{array}{r} 8.97 \\ (-0.31,18.24) \end{array}$ | $<0.001$ | 0.11 | $\begin{array}{r} 36.08 \\ *(20.00,52.16) \end{array}$ |
| Females | $\begin{array}{r} 103.01 \\ (97.31,108.72) \end{array}$ | $\begin{array}{r} 98.96 \\ (89.03,108.89) \end{array}$ | $\begin{array}{r} 98.72 \\ (91.35,106.09) \end{array}$ | $\begin{array}{r} 109.89 \\ (101.98,117.80) \end{array}$ | $\begin{array}{r} 105.54 \\ (86.15,124.93) \end{array}$ | $\begin{array}{r} 4.05 \\ (-4.20,12.29) \end{array}$ |  | 0.04 | $\begin{array}{r} 6.58 \\ (-13.08,26.24) \end{array}$ |
| White | $\begin{array}{r} 90.47 \\ (86.21,94.72) \end{array}$ | $\begin{array}{r} 77.39 \\ (68.03,86.76) \end{array}$ | $\begin{array}{r} 85.90 \\ (79.48,92.32) \end{array}$ | $\begin{array}{r} 103.14 \\ (97.03,109.25) \end{array}$ | $\begin{array}{r} 109.71 \\ (94.73,124.68) \end{array}$ | $\begin{array}{r} 13.08 \\ *(5.34,20.81) \end{array}$ | $<0.001$ | 0.11 | $\begin{array}{r} 32.31 \\ *(14.07,50.55) \end{array}$ |
| African American | $\begin{array}{r} 123.56 \\ -(111.22,135.90) \end{array}$ | $\begin{array}{r} 118.97 \\ (97.74,140.20) \end{array}$ | $\begin{array}{r} 114.69 \\ (98.97,130.41) \end{array}$ | $\begin{array}{r} 126.64 \\ (109.93,143.36) \end{array}$ | $\begin{array}{r} 134.77 \\ (112.14,157.41) \end{array}$ | $\begin{array}{r} 4.59 \\ (-14.05,23.24) \end{array}$ |  | 0.05 | $\begin{array}{r} 15.81 \\ (-12.28,43.89) \end{array}$ |
| Hispanic | $\begin{array}{r} 122.21 \\ -(114.61,129.82) \end{array}$ | $\begin{array}{r} 125.65 \\ (108.47,142.84) \end{array}$ | $\begin{array}{r} 115.54 \\ (99.34,131.75) \end{array}$ | $\begin{array}{r} 119.69 \\ (107.68,131.70) \end{array}$ | $\begin{array}{r} 114.84 \\ (86.48,143.20) \end{array}$ | $\begin{array}{r} -3.44 \\ (-19.59,12.71) \end{array}$ |  | -0.02 | $\begin{array}{r} -10.81 \\ (-48.48,26.85) \end{array}$ |

Table 6-60. The relationship between parental exposure ${ }^{1}$ to specific anti-drug advertising and parents' cognitions about talking to their children about drugs ${ }^{2}$, by both youth and parent characteristics (continued)

November 1999 through December 2001


## ${ }^{1}$ Limited to parents of nonusing youth aged 12 to 18 .

${ }^{2}$ Measurement of this construct is detailed in Appendix E.

Table 6-61. The relationship between parental exposure ${ }^{1}$ to general anti-drug advertising and parents' monitoring behavior ${ }^{2}$, by both youth and parent characteristics November 1999 through December 2001

| Characteristics | Exposure level of parents (real or hypothetical) |  |  |  |  | Significance level of monotone dose-response relationship, if $\mathrm{p}<.05$ | $\begin{aligned} & \text { Spearman's } \\ & \text { rho } \\ & \text { (rank order } \\ & \text { correlation) } \end{aligned}$ | Potential maximum <br> Campaign effect (C4-C2) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Actual <br> during <br> period <br> (C1) | Less than 4 times per month (C2) | 4-11 times per month (C3) | 12 or more times per month (C4) | Direct <br> Campaign effect (C1-C2) |  |  |  |
| Parental behaviors, by age of child |  |  |  |  |  |  |  |  |
| 12 to 13 | $\begin{array}{r} 1.73 \\ (1.68,1.78) \end{array}$ | $\begin{array}{r} 1.73 \\ (1.63,1.82) \end{array}$ | $\begin{array}{r} 1.72 \\ (1.65,1.79) \end{array}$ | $\begin{array}{r} 1.74 \\ (1.67,1.82) \end{array}$ | $\begin{array}{r} 0.00 \\ (-0.08,0.08) \end{array}$ |  | 0.01 | $\begin{array}{r} 0.02 \\ (-0.09,0.13) \end{array}$ |
| 14 to 18 | $\begin{array}{r} 1.32 \\ (1.26,1.37) \end{array}$ | $\begin{array}{r} 1.30 \\ (1.21,1.39) \end{array}$ | $\begin{array}{r} 1.31 \\ (1.22,1.41) \end{array}$ | $\begin{array}{r} 1.35 \\ (1.27,1.43) \end{array}$ | $\begin{array}{r} 0.02 \\ (-0.06,0.10) \end{array}$ |  | 0.02 | $\begin{array}{r} 0.05 \\ (-0.06,0.16) \end{array}$ |
| 12 to 18 | $\begin{array}{r} 1.44 \\ (1.40,1.48) \end{array}$ | $\begin{array}{r} 1.43 \\ (1.36,1.50) \end{array}$ | $\begin{array}{r} 1.43 \\ (1.35,1.50) \end{array}$ | $\begin{array}{r} 1.47 \\ (1.40,1.53) \end{array}$ | $\begin{gathered} 0.01 \\ (-0.06,0.07) \end{gathered}$ |  | 0.01 | $\begin{array}{r} 0.03 \\ (-0.06,0.12) \end{array}$ |
| Parental behaviors, by child characteristics |  |  |  |  |  |  |  |  |
| Males | $\begin{array}{r} 1.34 \\ (1.28,1.39) \end{array}$ | $\begin{array}{r} 1.35 \\ (1.26,1.45) \end{array}$ | $\begin{array}{r} 1.36 \\ (1.26,1.46) \end{array}$ | $\begin{array}{r} 1.33 \\ (1.25,1.41) \end{array}$ | $\begin{array}{r} -0.02 \\ (-0.10,0.07) \end{array}$ |  | -0.01 | $\begin{array}{r} -0.02 \\ (-0.14,0.10) \end{array}$ |
| Females | $\begin{array}{r} 1.55 \\ (1.49,1.60) \end{array}$ | $\begin{array}{r} 1.51 \\ (1.42,1.61) \end{array}$ | $\begin{array}{r} 1.50 \\ (1.42,1.59) \end{array}$ | $\begin{array}{r} 1.60 \\ (1.51,1.69) \end{array}$ | $\begin{array}{r} 0.03 \\ (-0.05,0.12) \end{array}$ |  | 0.03 | $\begin{array}{r} 0.08 \\ (-0.05,0.22) \end{array}$ |
| White | $\begin{array}{r} 1.47 \\ (1.42,1.52) \end{array}$ | $\begin{array}{r} 1.47 \\ (1.39,1.56) \end{array}$ | $\begin{array}{r} 1.46 \\ (1.38,1.53) \end{array}$ | $\begin{array}{r} 1.48 \\ (1.41,1.56) \end{array}$ | $\begin{gathered} -0.01 \\ (-0.07,0.06) \end{gathered}$ |  | 0.00 | $\begin{array}{r} 0.01 \\ (-0.08,0.10) \end{array}$ |
| African American | $\begin{array}{r} 1.33 \\ (1.24,1.42) \end{array}$ | $\begin{array}{r} 1.21 \\ (1.00,1.41) \end{array}$ | $\begin{array}{r} 1.42 \\ (1.23,1.61) \end{array}$ | $\begin{array}{r} 1.40 \\ (1.29,1.51) \end{array}$ | $\begin{array}{r} 0.12 \\ (-0.04,0.29) \end{array}$ |  | 0.07 | $\begin{array}{r} 0.19 \\ (-0.04,0.42) \end{array}$ |
| Hispanic | $\begin{array}{r} 1.43 \\ (1.31,1.54) \end{array}$ | $\begin{array}{r} 1.49 \\ (1.28,1.70) \end{array}$ | $\begin{array}{r} 1.25 \\ (1.02,1.48) \end{array}$ | $\begin{array}{r} 1.47 \\ (1.29,1.64) \end{array}$ | $\begin{gathered} -0.07 \\ (-0.26,0.13) \end{gathered}$ |  | -0.01 | $\begin{array}{r} -0.02 \\ (-0.32,0.27) \end{array}$ |

Table 6-61. The relationship between parental exposure ${ }^{1}$ to general anti-drug advertising and parents' monitoring behavior ${ }^{2}$, by both youth and parent characteristics (continued)

November 1999 through December 2001

| Exposure level of parents (real or hypothetical) |  |  |  |  |  | Significance level of monotone dose-response relationship, if $p<.05$ | Spearman's rho (rank order correlation) | Potential maximum Campaign effect (C4-C2) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Characteristics | Actual during period (C1) | Less than 4 times per month (C2) | 4-11 times per month <br> (C3) | 12 or more times per month (C4) | Direct <br> Campaign effect (C1-C2) |  |  |  |
| Parental behaviors, by parent characteristics |  |  |  |  |  |  |  |  |
| Males | $\begin{array}{r} 1.37 \\ (1.30,1.43) \end{array}$ | $\begin{array}{r} 1.36 \\ (1.24,1.48) \end{array}$ | $\begin{array}{r} 1.32 \\ (1.22,1.42) \end{array}$ | $\begin{array}{r} 1.40 \\ (1.30,1.50) \end{array}$ | $\begin{gathered} 0.01 \\ (-0.09,0.11) \end{gathered}$ |  | 0.02 | $\begin{array}{r} 0.04 \\ (-0.10,0.19) \end{array}$ |
| Females | $\begin{array}{r} 1.48 \\ (1.43,1.52) \end{array}$ | $\begin{array}{r} 1.47 \\ (1.39,1.55) \end{array}$ | $\begin{array}{r} 1.49 \\ (1.40,1.58) \end{array}$ | $\begin{array}{r} 1.50 \\ (1.43,1.57) \end{array}$ | $\begin{array}{r} 0.01 \\ (-0.07,0.09) \end{array}$ |  | 0.01 | $\begin{array}{r} 0.03 \\ (-0.08,0.14) \end{array}$ |
| Less than college | $\begin{array}{r} 1.34 \\ (1.29,1.39) \end{array}$ | $\begin{array}{r} 1.31 \\ (1.21,1.41) \end{array}$ | $\begin{array}{r} 1.26 \\ (1.17,1.36) \end{array}$ | $\begin{array}{r} 1.44 \\ (1.37,1.51) \end{array}$ | $\begin{array}{r} 0.03 \\ (-0.05,0.12) \end{array}$ |  | 0.05 | $\begin{array}{r} 0.13 \\ *(0.00,0.26) \end{array}$ |
| Some college + | $\begin{array}{r} 1.52 \\ (1.46,1.58) \end{array}$ | $\begin{array}{r} 1.56 \\ (1.46,1.66) \end{array}$ | $\begin{array}{r} 1.55 \\ (1.47,1.63) \end{array}$ | $\begin{array}{r} 1.48 \\ (1.40,1.57) \end{array}$ | $\begin{array}{r} -0.03 \\ (-0.12,0.05) \end{array}$ |  | -0.03 | $\begin{array}{r} -0.07 \\ (-0.19,0.04) \end{array}$ |

${ }^{1}$ Limited to parents of nonusing youth aged 12 to 18 .
${ }^{2}$ Measurement of this construct is detailed in Appendix E.

Table 6-62. The relationship between parental exposure ${ }^{1}$ to specific anti-drug advertising and parents' monitoring behavior ${ }^{2}$, by both youth and parent characteristics
November 1999 through December 2001

| Exposure level of parents (real or hypothetical) |  |  |  |  |  |  | Significance level of monotone dose-response relationship, if $\mathrm{p}<.05$ | Spearman's rho (rank order correlation) | Potential maximum <br> Campaign effect (C5-C2) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Characteristics | Actual during period (C1) | Less than 1 time per month (C2) | 1-3 times per month (C3) | 4-11 times per month (C4) | 12 or more times per month (C5) | Direct Campaign effect (C1-C2) |  |  |  |
| Parental behaviors, by age of child |  |  |  |  |  |  |  |  |  |
|  | $\begin{array}{r} 1.73 \\ (1.68,1.78) \end{array}$ | $\begin{array}{r} 1.78 \\ (1.68,1.88) \end{array}$ | $\begin{array}{r} 1.68 \\ (1.59,1.76) \end{array}$ | $\begin{array}{r} 1.73 \\ (1.63,1.82) \end{array}$ | $\begin{array}{r} 1.73 \\ (1.59,1.87) \end{array}$ | $\begin{array}{r} -0.05 \\ (-0.13,0.03) \end{array}$ |  | -0.01 | $\begin{array}{r} -0.05 \\ (-0.22,0.13) \end{array}$ |
| 14 to 18 | $\begin{array}{r} 1.32 \\ (1.26,1.37) \end{array}$ | $\begin{array}{r} 1.30 \\ (1.20,1.41) \end{array}$ | $\begin{array}{r} 1.30 \\ (1.21,1.39) \end{array}$ | $\begin{array}{r} 1.33 \\ (1.26,1.41) \end{array}$ | $\begin{array}{r} 1.37 \\ (1.18,1.55) \end{array}$ | $\begin{array}{r} 0.02 \\ (-0.07,0.10) \end{array}$ |  | 0.02 | $\begin{array}{r} 0.06 \\ (-0.16,0.29) \end{array}$ |
| 12 to 18 | $\begin{array}{r} 1.44 \\ (1.40,1.48) \end{array}$ | $\begin{array}{r} 1.45 \\ (1.36,1.53) \end{array}$ | $\begin{array}{r} 1.41 \\ (1.34,1.48) \end{array}$ | $\begin{array}{r} 1.45 \\ (1.38,1.51) \end{array}$ | $\begin{array}{r} 1.47 \\ (1.33,1.60) \end{array}$ | $\begin{array}{r} -0.01 \\ (-0.07,0.06) \end{array}$ |  | 0.01 | $\begin{array}{r} 0.02 \\ (-0.14,0.19) \end{array}$ |
| Parental behaviors, by child characteristics |  |  |  |  |  |  |  |  |  |
|  | $\begin{array}{r} 1.34 \\ (1.28,1.39) \end{array}$ | $\begin{array}{r} 1.33 \\ (1.22,1.44) \end{array}$ | $\begin{array}{r} 1.30 \\ (1.20,1.40) \end{array}$ | $\begin{array}{r} 1.34 \\ (1.24,1.43) \end{array}$ | $\begin{array}{r} 1.43 \\ (1.28,1.57) \end{array}$ | $\begin{array}{r} 0.01 \\ (-0.09,0.10) \end{array}$ | 0.018 | 0.03 | $\begin{array}{r} 0.10 \\ (-0.10,0.29) \end{array}$ |
| Females | $\begin{array}{r} 1.55 \\ (1.49,1.60) \end{array}$ | $\begin{array}{r} 1.59 \\ (1.47,1.71) \end{array}$ | $\begin{array}{r} 1.52 \\ (1.44,1.60) \end{array}$ | $\begin{array}{r} 1.56 \\ (1.48,1.64) \end{array}$ | $\begin{array}{r} 1.51 \\ (1.29,1.73) \end{array}$ | $\begin{array}{r} -0.04 \\ (-0.14,0.06) \end{array}$ |  | -0.02 | $\begin{array}{r} -0.08 \\ (-0.32,0.16) \end{array}$ |
| White | $\begin{array}{r} 1.47 \\ (1.42,1.52) \end{array}$ | $\begin{array}{r} 1.46 \\ (1.37,1.55) \end{array}$ | $\begin{array}{r} 1.48 \\ (1.38,1.57) \end{array}$ | $\begin{array}{r} 1.48 \\ (1.41,1.55) \end{array}$ | $\begin{array}{r} 1.55 \\ (1.40,1.71) \end{array}$ | $\begin{array}{r} 0.01 \\ (-0.06,0.08) \end{array}$ |  | 0.03 | $\begin{array}{r} 0.09 \\ (-0.08,0.27) \end{array}$ |
| African American | $\begin{array}{r} 1.33 \\ (1.24,1.42) \end{array}$ | $\begin{array}{r} 1.24 \\ (1.07,1.41) \end{array}$ | $\begin{array}{r} 1.29 \\ (1.14,1.44) \end{array}$ | $\begin{array}{r} 1.38 \\ (1.20,1.55) \end{array}$ | $\begin{array}{r} 1.35 \\ (1.09,1.61) \end{array}$ | $\begin{array}{r} 0.09 \\ (-0.04,0.23) \end{array}$ |  | 0.04 | $\begin{array}{r} 0.11 \\ (-0.19,0.41) \end{array}$ |
| Hispanic | $\begin{array}{r} 1.43 \\ (1.31,1.54) \end{array}$ | $\begin{array}{r} 1.55 \\ (1.31,1.79) \end{array}$ | $\begin{array}{r} 1.24 \\ (1.06,1.42) \end{array}$ | $\begin{array}{r} 1.42 \\ (1.21,1.62) \end{array}$ | $\begin{array}{r} 1.29 \\ (1.03,1.55) \end{array}$ | $\begin{array}{r} -0.13 \\ (-0.32,0.07) \end{array}$ |  | -0.07 | $\begin{array}{r} -0.26 \\ (-0.63,0.10) \end{array}$ |

Table 6-62. The relationship between parental exposure ${ }^{1}$ to specific anti-drug advertising and parents' monitoring behavior ${ }^{2}$, by both youth and parent characteristics (continued)

November 1999 through December 2001

| Exposure level of parents (real or hypothetical) |  |  |  |  |  |  | Significance level of monotone dose-response relationship, if $\mathrm{p}<.05$ | Spearman's rho (rank order correlation) | Potential maximum Campaign effect (C5-C2) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Characteristics | Actual <br> during <br> period <br> (C1) | Less than 1 time per month (C2) | 1-3 times per month (C3) | 4-11 times per month (C4) | 12 or more times per month (C5) | Direct Campaign effect (C1-C2) |  |  |  |
| Parental behaviors, by parent characteristics |  |  |  |  |  |  |  |  |  |
| Males | $\begin{array}{r} 1.37 \\ (1.30,1.43) \end{array}$ | $\begin{array}{r} 1.34 \\ (1.21,1.47) \end{array}$ | $\begin{array}{r} 1.32 \\ (1.20,1.44) \end{array}$ | $\begin{array}{r} 1.36 \\ (1.24,1.47) \end{array}$ | $\begin{array}{r} 1.54 \\ (1.37,1.70) \end{array}$ | $\begin{array}{r} 0.03 \\ (-0.08,0.14) \end{array}$ | 0.030 | 0.06 | $\begin{array}{r} 0.20 \\ (-0.01,0.40) \end{array}$ |
| Females | $\begin{array}{r} 1.48 \\ (1.43,1.52) \end{array}$ | $\begin{array}{r} 1.50 \\ (1.40,1.60) \end{array}$ | $\begin{array}{r} 1.46 \\ (1.37,1.55) \end{array}$ | $\begin{array}{r} 1.49 \\ (1.42,1.57) \end{array}$ | $\begin{array}{r} 1.44 \\ (1.26,1.62) \end{array}$ | $\begin{array}{r} -0.02 \\ (-0.11,0.07) \end{array}$ |  | -0.02 | $\begin{array}{r} -0.06 \\ (-0.27,0.15) \end{array}$ |
| Less than college___ | $\begin{array}{r} 1.34 \\ (1.29,1.39) \end{array}$ | $\begin{array}{r} 1.36 \\ (1.23,1.49) \end{array}$ | $\begin{array}{r} 1.30 \\ (1.20,1.39) \end{array}$ | $\begin{array}{r} 1.33 \\ (1.25,1.42) \end{array}$ | $\begin{array}{r} 1.38 \\ (1.23,1.53) \end{array}$ | $\begin{array}{r} -0.02 \\ (-0.12,0.09) \end{array}$ |  | 0.01 | $\begin{array}{r} 0.02 \\ (-0.19,0.22) \end{array}$ |
| Some college + | $\begin{array}{r} 1.52 \\ (1.46,1.58) \end{array}$ | $\begin{array}{r} 1.53 \\ (1.44,1.62) \end{array}$ | $\begin{array}{r} 1.50 \\ (1.41,1.59) \end{array}$ | $\begin{array}{r} 1.55 \\ (1.45,1.65) \end{array}$ | $\begin{array}{r} 1.56 \\ (1.35,1.77) \end{array}$ | $\begin{array}{r} -0.01 \\ (-0.09,0.07) \end{array}$ |  | 0.01 | $\begin{array}{r} 0.03 \\ (-0.20,0.26) \end{array}$ |

${ }^{1}$ Limited to parents of nonusing youth aged 12 to 18 .
${ }^{2}$ Measurement of this construct is detailed in Appendix E.

Table 6-63. The relationship between parental exposure ${ }^{1}$ to general anti-drug advertising and parents' talking behavior ${ }^{2}$, by both youth and parent characteristics November 1999 through December 2001

| Characteristics | Exposure level of parents (real or hypothetical) |  |  |  | DirectCampaigneffect(C1-C2) | $\begin{gathered} \text { Significance } \\ \text { level } \\ \text { of monotone } \\ \text { dose-response } \\ \text { relationship, } \\ \text { if } \mathrm{p}<.05 \\ \hline \end{gathered}$ | ```Spearman's rho (rank order correlation)``` | Potential maximum <br> Campaign effect (C4-C2) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Actual <br> during <br> period <br> (C1) | Less than 4 times per month (C2) | 4-11 times per month <br> (C3) | 12 or more times per month (C4) |  |  |  |  |
| Parental behaviors, by age of child <br> 12 to 13 $\qquad$ |  |  |  |  |  |  |  |  |
|  | $\begin{array}{r} 2.34 \\ (2.28,2.39) \end{array}$ | $\begin{array}{r} 2.20 \\ (2.11,2.28) \end{array}$ | $\begin{array}{r} 2.33 \\ (2.26,2.41) \end{array}$ | $\begin{array}{r} 2.47 \\ (2.38,2.55) \end{array}$ | $\begin{array}{r} 0.14 \\ *(0.07,0.21) \end{array}$ | $<0.001$ | 0.10 | $\begin{array}{r} 0.27 \\ *(0.15,0.39) \end{array}$ |
| 14 to 18 | $\begin{array}{r} 2.30 \\ (2.26,2.35) \end{array}$ | $\begin{array}{r} 2.18 \\ (2.10,2.27) \end{array}$ | $\begin{array}{r} 2.31 \\ (2.21,2.40) \end{array}$ | $\begin{array}{r} 2.42 \\ (2.36,2.48) \end{array}$ | $\begin{array}{r} 0.12 \\ *(0.04,0.19) \end{array}$ | $<0.001$ | 0.09 | $\begin{array}{r} 0.23 \\ *(0.12,0.35) \end{array}$ |
| 12 to 18 | $\begin{array}{r} 2.31 \\ (2.27,2.35) \end{array}$ | $\begin{array}{r} 2.19 \\ (2.12,2.26) \end{array}$ | $\begin{array}{r} 2.31 \\ (2.24,2.38) \end{array}$ | $\begin{array}{r} 2.43 \\ (2.38,2.49) \end{array}$ | $\begin{array}{r} 0.12 \\ *(0.06,0.18) \end{array}$ | $<0.001$ | 0.09 | $\begin{array}{r} 0.24 \\ *(0.15,0.34) \end{array}$ |
| Parental behaviors, by child characteristics Males $\qquad$ |  |  |  |  |  |  |  |  |
|  | $\begin{array}{r} 2.34 \\ (2.29,2.38) \end{array}$ | $\begin{array}{r} 2.27 \\ (2.18,2.35) \end{array}$ | $\begin{array}{r} 2.29 \\ (2.19,2.39) \end{array}$ | $\begin{array}{r} 2.45 \\ (2.39,2.52) \end{array}$ | $\begin{array}{r} 0.07 \\ (0.00,0.15) \end{array}$ | $<0.001$ | 0.08 | $\begin{array}{r} 0.19 \\ *(0.08,0.30) \end{array}$ |
| Females | $\begin{array}{r} 2.28 \\ (2.23,2.33) \end{array}$ | $\begin{array}{r} 2.11 \\ (2.01,2.20) \end{array}$ | $\begin{array}{r} 2.34 \\ (2.27,2.42) \end{array}$ | $\begin{array}{r} 2.41 \\ (2.34,2.48) \end{array}$ | $\begin{array}{r} 0.18 \\ *(0.10,0.25) \end{array}$ | $<0.001$ | 0.11 | $\begin{array}{r} 0.30 \\ *(0.19,0.42) \end{array}$ |
| White | $\begin{array}{r} 2.28 \\ (2.23,2.32) \end{array}$ | $\begin{array}{r} 2.12 \\ (2.04,2.21) \end{array}$ | $\begin{array}{r} 2.31 \\ (2.25,2.37) \end{array}$ | $\begin{array}{r} 2.41 \\ (2.35,2.47) \end{array}$ | $\begin{array}{r} 0.15 \\ *(0.08,0.22) \end{array}$ | $<0.001$ | 0.11 | $\begin{array}{r} 0.29 \\ *(0.18,0.39) \end{array}$ |
| African American | $\begin{array}{r} 2.38 \\ (2.26,2.49) \end{array}$ | $\begin{array}{r} 2.38 \\ (2.22,2.54) \end{array}$ | $\begin{array}{r} 2.20 \\ (1.91,2.49) \end{array}$ | $\begin{array}{r} 2.48 \\ (2.32,2.64) \end{array}$ | $\begin{array}{r} 0.00 \\ (-0.18,0.17) \end{array}$ |  | 0.04 | $\begin{array}{r} 0.10 \\ (-0.15,0.35) \end{array}$ |
| Hispanic | $\begin{array}{r} 2.47 \\ (2.39,2.56) \end{array}$ | $\begin{array}{r} 2.40 \\ (2.25,2.56) \end{array}$ | $\begin{array}{r} 2.56 \\ (2.42,2.70) \end{array}$ | $\begin{array}{r} 2.49 \\ (2.37,2.62) \end{array}$ | $\begin{array}{r} 0.07 \\ (-0.05,0.19) \end{array}$ |  | 0.03 | $\begin{array}{r} 0.09 \\ (-0.10,0.28) \end{array}$ |

Table 6-63. The relationship between parental exposure ${ }^{1}$ to general anti-drug advertising and parents' talking behavior ${ }^{2}$, by both youth and parent characteristics (continued)

November 1999 through December 2001


[^84]${ }^{2}$ Measurement of this construct is detailed in Appendix E.

Table 6-64. The relationship between parental exposure ${ }^{1}$ to specific anti-drug advertising and parents' talking behavior ${ }^{2}$, by both youth and parent characteristics
November 1999 through December 2001

| Exposure level of parents (real or hypothetical) |  |  |  |  |  |  | Significance level of monotone dose-response relationship, if $\mathrm{p}<.05$ | Spearman's rho (rank order correlation) | Potential maximum <br> Campaign effect (C5-C2) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Characteristics | Actual during period (C1) | Less than 1 time per month (C2) | 1-3 times per month (C3) | 4-11 times per month (C4) | $\begin{aligned} & 12 \text { or more } \\ & \text { times per } \\ & \text { month } \\ & \text { (C5) } \\ & \hline \end{aligned}$ | Direct <br> Campaign effect (C1-C2) |  |  |  |
| Parental behaviors, by age of child <br> 12 to 13 $\qquad$ |  |  |  |  |  |  |  |  |  |
|  | $\begin{array}{r} 2.34 \\ (2.28,2.39) \end{array}$ | $\begin{array}{r} 2.23 \\ (2.15,2.31) \end{array}$ | $\begin{array}{r} 2.31 \\ (2.23,2.38) \end{array}$ | $\begin{array}{r} 2.39 \\ (2.30,2.49) \end{array}$ | $\begin{array}{r} 2.54 \\ (2.41,2.68) \end{array}$ | $\begin{array}{r} 0.11 \\ *(0.04,0.18) \end{array}$ | $<0.001$ | 0.12 | $\begin{array}{r} 0.31 \\ *(0.16,0.47) \end{array}$ |
| 14 to 18 | $\begin{array}{r} 2.30 \\ (2.26,2.35) \end{array}$ | $\begin{array}{r} 2.25 \\ (2.16,2.33) \end{array}$ | $\begin{array}{r} 2.24 \\ (2.17,2.31) \end{array}$ | $\begin{array}{r} 2.40 \\ (2.32,2.48) \end{array}$ | $\begin{array}{r} 2.39 \\ (2.22,2.56) \end{array}$ | $\begin{array}{r} 0.06 \\ (-0.02,0.14) \end{array}$ | 0.023 | 0.08 | $\begin{array}{r} 0.14 \\ (-0.05,0.33) \end{array}$ |
| 12 to 18 | $\begin{array}{r} 2.31 \\ (2.27,2.35) \end{array}$ | $\begin{array}{r} 2.24 \\ (2.17,2.31) \end{array}$ | $\begin{array}{r} 2.26 \\ (2.20,2.32) \end{array}$ | $\begin{array}{r} 2.40 \\ (2.33,2.47) \end{array}$ | $\begin{array}{r} 2.43 \\ (2.30,2.56) \end{array}$ | $\begin{array}{r} 0.07 \\ *(0.01,0.14) \end{array}$ | $<0.001$ | 0.09 | $\begin{array}{r} 0.19 \\ *(0.05,0.33) \end{array}$ |
| Parental behaviors, by child characteristics Males $\qquad$ |  |  |  |  |  |  |  |  |  |
|  | $\begin{array}{r} 2.34 \\ (2.29,2.38) \end{array}$ | $\begin{array}{r} 2.26 \\ (2.16,2.35) \end{array}$ | $\begin{array}{r} 2.33 \\ (2.26,2.40) \end{array}$ | $\begin{array}{r} 2.41 \\ (2.32,2.50) \end{array}$ | $\begin{array}{r} 2.40 \\ (2.21,2.58) \end{array}$ | $\begin{array}{r} 0.08 \\ (-0.01,0.16) \end{array}$ |  | 0.07 | $\begin{array}{r} 0.14 \\ (-0.08,0.36) \end{array}$ |
| Females | $\begin{array}{r} 2.28 \\ (2.23,2.33) \end{array}$ | $\begin{array}{r} 2.22 \\ (2.11,2.32) \end{array}$ | $\begin{array}{r} 2.19 \\ (2.10,2.28) \end{array}$ | $\begin{array}{r} 2.39 \\ (2.31,2.46) \end{array}$ | $\begin{array}{r} 2.46 \\ (2.28,2.64) \end{array}$ | $\begin{array}{r} 0.07 \\ (-0.03,0.16) \end{array}$ | 0.002 | 0.10 | $\begin{array}{r} 0.24 \\ *(0.06,0.43) \end{array}$ |
| White | $\begin{array}{r} 2.28 \\ (2.23,2.32) \end{array}$ | $\begin{array}{r} 2.13 \\ (2.03,2.23) \end{array}$ | $\begin{array}{r} 2.25 \\ (2.19,2.31) \end{array}$ | $\begin{array}{r} 2.38 \\ (2.31,2.45) \end{array}$ | $\begin{array}{r} 2.34 \\ (2.17,2.51) \end{array}$ | $\begin{array}{r} 0.15 \\ *(0.07,0.23) \end{array}$ | 0.005 | 0.09 | $\begin{array}{r} 0.21 \\ *(0.04,0.39) \end{array}$ |
| African American | $\begin{array}{r} 2.38 \\ (2.26,2.49) \end{array}$ | $\begin{array}{r} 2.42 \\ (2.25,2.59) \end{array}$ | $\begin{array}{r} 2.25 \\ (2.05,2.45) \end{array}$ | $\begin{array}{r} 2.45 \\ (2.23,2.68) \end{array}$ | $\begin{array}{r} 2.48 \\ (2.18,2.78) \end{array}$ | $\begin{array}{r} -0.05 \\ (-0.22,0.13) \end{array}$ |  | 0.07 | $\begin{array}{r} 0.06 \\ (-0.28,0.40) \end{array}$ |
| Hispanic | $\begin{array}{r} 2.47 \\ (2.39,2.56) \end{array}$ | $\begin{array}{r} 2.54 \\ (2.39,2.69) \end{array}$ | $\begin{array}{r} 2.33 \\ (2.15,2.50) \end{array}$ | $\begin{array}{r} 2.51 \\ (2.37,2.64) \end{array}$ | $\begin{gathered} \mathrm{S} \\ (\mathrm{~S}) \end{gathered}$ | $\begin{array}{r} -0.07 \\ (-0.19,0.06) \end{array}$ |  | 0.08 | $\begin{gathered} \mathrm{S} \\ (\mathrm{~S}) \end{gathered}$ |

Table 6-64. The relationship between parental exposure ${ }^{1}$ to specific anti-drug advertising and parents' talking behavior ${ }^{2}$, by both youth and parent characteristics (continued)

November 1999 through December 2001

${ }^{1}$ Limited to parents of nonusing youth aged 12 to 18 .
${ }^{2}$ Measurement of this construct is detailed in Appendix E.

Table 6-65. The relationship between parental exposure ${ }^{1}$ to general anti-drug advertising and parents' reports of fun activities ${ }^{2}$, by both youth and parent characteristics

November 1999 through December 2001


Table 6-65. The relationship between parental exposure ${ }^{1}$ to general anti-drug advertising and parents' reports of fun activities ${ }^{2}$, by both youth and parent characteristics (continued)

November 1999 through December 2001

| Exposure level of parents (real or hypothetical) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Characteristics | Actual <br> during <br> period <br> (C1) | Less than 4 times per month (C2) | 4-11 times per month (C3) | 12 or more times per month (C4) | Direct <br> Campaign effect (C1-C2) | level of monotone dose-response relationship, if $\mathrm{p}<.05$ | Spearman's rho (rank order correlation) | Potential maximum <br> Campaign effect (C4-C2) |
| Parental reports, by parent characteristics |  |  |  |  |  |  |  |  |
| Males | $\begin{array}{r} 0.65 \\ (0.62,0.67) \end{array}$ | $\begin{array}{r} 0.56 \\ (0.51,0.62) \end{array}$ | $\begin{array}{r} 0.67 \\ (0.62,0.72) \end{array}$ | $\begin{array}{r} 0.68 \\ (0.65,0.72) \end{array}$ | $\begin{array}{r} 0.08 \\ *(0.04,0.12) \end{array}$ | $<0.001$ | 0.10 | $\begin{array}{r} 0.12 \\ *(0.06,0.18) \end{array}$ |
| Females | $\begin{array}{r} 0.62 \\ (0.60,0.64) \end{array}$ | $\begin{array}{r} 0.57 \\ (0.53,0.61) \end{array}$ | $\begin{array}{r} 0.62 \\ (0.58,0.66) \end{array}$ | $\begin{array}{r} 0.66 \\ (0.63,0.69) \end{array}$ | $\begin{array}{r} 0.05 \\ *(0.02,0.08) \end{array}$ | $<0.001$ | 0.07 | $\begin{array}{r} 0.09 \\ *(0.04,0.13) \end{array}$ |
| Less than college | $\begin{array}{r} 0.58 \\ (0.56,0.60) \end{array}$ | $\begin{array}{r} 0.53 \\ (0.48,0.57) \end{array}$ | $\begin{array}{r} 0.59 \\ (0.54,0.64) \end{array}$ | $\begin{array}{r} 0.62 \\ (0.59,0.65) \end{array}$ | $\begin{array}{r} 0.05 \\ *(0.02,0.09) \end{array}$ | 0.002 | 0.08 | $\begin{array}{r} 0.09 \\ *(0.03,0.15) \end{array}$ |
| Some college + | $\begin{array}{r} 0.68 \\ (0.65,0.70) \end{array}$ | $\begin{array}{r} 0.62 \\ (0.57,0.66) \end{array}$ | $\begin{array}{r} 0.67 \\ (0.63,0.71) \end{array}$ | $\begin{array}{r} 0.72 \\ (0.68,0.75) \end{array}$ | $\begin{array}{r} 0.06 \\ *(0.02,0.10) \end{array}$ | <0.001 | 0.08 | $\begin{array}{r} 0.10 \\ *(0.05,0.15) \end{array}$ |

[^85]${ }^{2}$ Measurement of this construct is detailed in Appendix E.

Table 6-66. The relationship between parental exposure ${ }^{1}$ to specific anti-drug advertising and parents' reports of fun activities ${ }^{2}$, by both youth and parent characteristics

November 1999 through December 2001

|  |  | Exposure level of parents (real or hypothetical) |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |

Table 6-66. The relationship between parental exposure ${ }^{1}$ to specific anti-drug advertising and parents' reports of fun activities ${ }^{2}$, by both youth and parent characteristics (continued)

November 1999 through December 2001

| Exposure level of parents (real or hypothetical) |  |  |  |  |  |  | Significance level of monotone dose-response relationship, if $\mathrm{p}<.05$ | Spearman's rho (rank order correlation) | Potential maximum Campaign effect(C5-C2) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Characteristics | Actual during period (C1) | Less than 1 time per month (C2) | 1-3 times per month (C3) | 4-11 times per month (C4) | $\begin{aligned} & 12 \text { or more } \\ & \text { times per } \\ & \text { month } \\ & \text { (C5) } \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { Direct } \\ & \text { Campaign } \\ & \text { effect } \\ & (\mathrm{C} 1-\mathrm{C} 2) \\ & \hline \end{aligned}$ |  |  |  |
| Parental reports, by parent characteristics |  |  |  |  |  |  |  |  |  |
| Males | $\begin{array}{r} 0.65 \\ (0.62,0.67) \end{array}$ | $\begin{array}{r} 0.64 \\ (0.58,0.70) \end{array}$ | $\begin{array}{r} 0.63 \\ (0.59,0.67) \end{array}$ | $\begin{array}{r} 0.63 \\ (0.58,0.69) \end{array}$ | $\begin{array}{r} 0.75 \\ (0.67,0.84) \end{array}$ | $\begin{array}{r} 0.01 \\ (-0.05,0.06) \end{array}$ | 0.042 | 0.07 | $\begin{array}{r} 0.11 \\ *(0.01,0.22) \end{array}$ |
| Females | $\begin{array}{r} 0.62 \\ (0.60,0.64) \end{array}$ | $\begin{array}{r} 0.55 \\ (0.51,0.59) \end{array}$ | $\begin{array}{r} 0.63 \\ (0.59,0.66) \end{array}$ | $\begin{array}{r} 0.63 \\ (0.60,0.67) \end{array}$ | $\begin{array}{r} 0.69 \\ (0.61,0.76) \end{array}$ | $\begin{array}{r} 0.07 \\ *(0.04,0.11) \end{array}$ | 0.002 | 0.10 | $\begin{array}{r} 0.14 \\ *(0.06,0.22) \end{array}$ |
| Less than college | $\begin{array}{r} 0.58 \\ (0.56,0.60) \end{array}$ | $\begin{array}{r} 0.52 \\ (0.47,0.57) \end{array}$ | $\begin{array}{r} 0.58 \\ (0.54,0.62) \end{array}$ | $\begin{array}{r} 0.59 \\ (0.56,0.62) \end{array}$ | $\begin{array}{r} 0.64 \\ (0.56,0.73) \end{array}$ | $\begin{array}{r} 0.06 \\ *(0.02,0.11) \end{array}$ | 0.016 | 0.09 | $\begin{array}{r} 0.13 \\ *(0.03,0.23) \end{array}$ |
| Some college + | $\begin{array}{r} 0.68 \\ (0.65,0.70) \end{array}$ | $\begin{array}{r} 0.64 \\ (0.59,0.68) \end{array}$ | $\begin{array}{r} 0.67 \\ (0.63,0.71) \end{array}$ | $\begin{array}{r} 0.67 \\ (0.63,0.72) \end{array}$ | $\begin{array}{r} 0.78 \\ (0.71,0.84) \end{array}$ | $\begin{array}{r} 0.04 \\ (0.00,0.07) \end{array}$ | 0.001 | 0.10 | $\begin{array}{r} 0.14 \\ *(0.06,0.22) \end{array}$ |

${ }^{1}$ Limited to parents of nonusing youth aged 12 to 18 .
${ }^{2}$ Measurement of this construct is detailed in Appendix E.

Table 6-67. The relationship between parental exposure to general anti-drug advertising and youth use of marijuana in the past 12 months, by age, gender, race/ethnicity, risk score, and sensation seeking
November 1999 through December 2001

| Characteristics | Exposure level of parents (real or hypothetical) |  |  |  |  | Significancelevelof monotonedose-responserelationship,if $\mathrm{p}<.05$ | Spearman's rho (rank order correlation) | Potential maximum Campaign effect (C4-C2) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Actual during period (C1) | Less than 4 times per month (C2) | 4-11 times per month (C3) | 12 or more times per month (C4) | $\begin{gathered} \text { Direct } \\ \text { Campaign } \\ \text { effect } \\ (\mathrm{C} 1-\mathrm{C} 2) \\ \hline \end{gathered}$ |  |  |  |
| Parental reports, by age of child |  |  |  |  |  |  |  |  |
| 12 to 13 | $\begin{array}{r} 2.9 \\ (2.2,3.7) \end{array}$ | $\begin{array}{r} 3.5 \\ (2.0,5.0) \end{array}$ | $\begin{array}{r} 1.2 \\ (0.3,2.1) \end{array}$ | $\begin{array}{r} 4.0 \\ (2.7,5.4) \end{array}$ | $\begin{array}{r} -0.6 \\ (-1.9,0.7) \end{array}$ |  | 0.01 | $\begin{array}{r} 0.5 \\ (-1.5,2.6) \end{array}$ |
| 14 to 18 | $\begin{array}{r} 20.9 \\ (19.1,22.6) \end{array}$ | $\begin{array}{r} 21.1 \\ (18.3,23.8) \end{array}$ | $\begin{array}{r} 20.6 \\ (17.5,23.8) \end{array}$ | $\begin{array}{r} 21.0 \\ (18.0,24.0) \end{array}$ | $\begin{array}{r} -0.2 \\ (-2.8,2.4) \end{array}$ |  | 0.00 | $\begin{array}{r} 0.0 \\ (-4.1,4.1) \end{array}$ |
| 12 to 18 | $\begin{array}{r} 15.6 \\ (14.3,16.8) \end{array}$ | $\begin{array}{r} 15.5 \\ (13.6,17.5) \end{array}$ | $\begin{array}{r} 15.2 \\ (12.9,17.5) \end{array}$ | $\begin{array}{r} 16.1 \\ (13.8,18.4) \end{array}$ | $\begin{array}{r} 0.0 \\ (-1.9,1.9) \end{array}$ |  | 0.01 | $\begin{array}{r} 0.6 \\ (-2.6,3.7) \end{array}$ |
| Parental reports, by child characteristics |  |  |  |  |  |  |  |  |
| Male | $\begin{array}{r} 16.5 \\ (14.8,18.3) \end{array}$ | $\begin{array}{r} 16.0 \\ (13.3,18.7) \end{array}$ | $\begin{array}{r} 15.6 \\ (12.4,18.8) \end{array}$ | $\begin{array}{r} 17.9 \\ (14.2,21.6) \end{array}$ | $\begin{array}{r} 0.5 \\ (-2.4,3.4) \end{array}$ |  | 0.02 | $\begin{array}{r} 1.9 \\ (-3.1,6.9) \end{array}$ |
| Female | $\begin{array}{r} 14.5 \\ (12.9,16.2) \end{array}$ | $\begin{array}{r} 15.0 \\ (12.2,17.9) \end{array}$ | $\begin{array}{r} 14.7 \\ (11.6,17.8) \end{array}$ | $\begin{array}{r} 14.3 \\ (11.5,17.0) \end{array}$ | $\begin{array}{r} -0.5 \\ (-3.1,2.1) \end{array}$ |  | -0.01 | $\begin{array}{r} -0.7 \\ (-4.8,3.3) \end{array}$ |
| White | $\begin{array}{r} 16.4 \\ (14.8,18.0) \end{array}$ | $\begin{array}{r} 17.1 \\ (14.2,20.0) \end{array}$ | $\begin{array}{r} 15.7 \\ (13.1,18.2) \end{array}$ | $\begin{array}{r} 17.6 \\ (14.3,20.9) \end{array}$ | $\begin{array}{r} -0.6 \\ (-3.4,2.1) \end{array}$ |  | 0.00 | $\begin{gathered} 0.5 \\ (-4.2,5.2) \end{gathered}$ |
| African American | $\begin{array}{r} 12.8 \\ (10.2,15.4) \end{array}$ | $\begin{array}{r} 13.0 \\ (7.6,18.4) \end{array}$ | $\begin{array}{r} 11.9 \\ (6.9,16.9) \end{array}$ | $\begin{array}{r} 12.2 \\ (8.5,15.9) \end{array}$ | $\begin{array}{r} -0.2 \\ (-5.1,4.7) \end{array}$ |  | -0.01 | $\begin{gathered} -0.8 \\ (-7.1,5.5) \end{gathered}$ |
| Hispanic | $\begin{array}{r} 14.3 \\ (10.9,17.8) \end{array}$ | $\begin{array}{r} 9.7 \\ (5.5,13.9) \end{array}$ | $\begin{array}{r} 16.9 \\ (7.7,26.2) \end{array}$ | $\begin{array}{r} 14.6 \\ (10.0,19.3) \end{array}$ | $\begin{array}{r} 4.6 \\ *(0.3,8.9) \end{array}$ | 0.034 | 0.06 | $\begin{gathered} 4.9 \\ (-1.6,11.5) \end{gathered}$ |

Table 6-67. The relationship between parental exposure to general anti-drug advertising and youth use of marijuana in the past 12 months, by age, gender, race/ethnicity, risk score, and sensation seeking (continued)

November 1999 through December 2001

|  | Percent of youth by parent exposure level |  |  |  |  | Significancelevelof monotonedose-responserelationship,if $\mathrm{p}<.05$ | Spearman's <br> rho (rank order correlation) | Potential maximum Campaign effect (C4-C2) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Characteristics | Actual <br> during <br> period <br> (C1) | Less than 4 times per month (C2) | 4-11 times per month (C3) | 12 or more times per month (C4) | Direct <br> Campaign effect (C1-C2) |  |  |  |
| Parental reports, by child |  |  |  |  |  |  |  |  |
| Risk score |  |  |  |  |  |  |  |  |
| Higher risk | $\begin{array}{r} 35.6 \\ (33.1,38.1) \end{array}$ | $\begin{array}{r} 35.0 \\ (31.1,38.9) \end{array}$ | $\begin{array}{r} 34.3 \\ (29.8,38.9) \end{array}$ | $\begin{array}{r} 36.9 \\ (32.7,41.1) \end{array}$ | $\begin{array}{r} 0.6 \\ (-3.1,4.3) \end{array}$ |  | 0.02 | $\begin{array}{r} 1.9 \\ (-4.2,8.0) \end{array}$ |
| Lower risk | $\begin{array}{r} 3.0 \\ (2.1,3.8) \end{array}$ | $\begin{array}{r} 3.2 \\ (1.6,4.7) \end{array}$ | $\begin{array}{r} 3.0 \\ (1.1,4.9) \end{array}$ | $\begin{array}{r} 2.9 \\ (1.8,4.0) \end{array}$ | $\begin{array}{r} -0.2 \\ (-1.5,1.1) \end{array}$ |  | -0.01 | $\begin{array}{r} -0.3 \\ (-2.2,1.7) \end{array}$ |
| Sensation seeking High $\qquad$ | $\begin{array}{r} 23.6 \\ (21.7,25.5) \end{array}$ | $\begin{array}{r} 22.8 \\ (19.5,26.1) \end{array}$ | $\begin{array}{r} 23.1 \\ (19.7,26.5) \end{array}$ | $\begin{array}{r} 24.5 \\ (21.2,27.8) \end{array}$ | $\begin{array}{r} 0.8 \\ (-2.3,3.9) \end{array}$ |  | 0.02 | $\begin{array}{r} 1.7 \\ (-3.3,6.6) \end{array}$ |
| Low | $\begin{array}{r} 5.8 \\ (4.5,7.1) \end{array}$ | $\begin{array}{r} 6.6 \\ (4.1,9.1) \end{array}$ | $\begin{array}{r} 5.0 \\ (3.3,6.6) \end{array}$ | $\begin{array}{r} 6.1 \\ (3.9,8.2) \end{array}$ | $\begin{array}{r} -0.9 \\ (-2.9,1.2) \end{array}$ |  | -0.01 | $\begin{array}{r} -0.6 \\ (-3.5,2.4) \end{array}$ |
| Parental reports, by parent characteristics Males $\qquad$ | $\begin{array}{r} 14.9 \\ (12.2,17.6) \end{array}$ | $\begin{array}{r} 12.8 \\ (9.9,15.7) \end{array}$ | $\begin{array}{r} 15.2 \\ (11.8,18.6) \end{array}$ | $\begin{array}{r} 16.3 \\ (11.9,20.7) \end{array}$ | $\begin{array}{r} 2.1 \\ (-0.6,4.8) \end{array}$ |  | 0.04 | $\begin{array}{r} 3.5 \\ (-1.4,8.3) \end{array}$ |
| Females | $\begin{array}{r} 15.9 \\ (14.4,17.4) \end{array}$ | $\begin{array}{r} 16.8 \\ (14.0,19.7) \end{array}$ | $\begin{array}{r} 15.2 \\ (12.0,18.4) \end{array}$ | $\begin{array}{r} 16.0 \\ (13.3,18.6) \end{array}$ | $\begin{array}{r} -0.9 \\ (-3.4,1.5) \end{array}$ |  | -0.01 | $\begin{array}{r} -0.9 \\ (-4.7,3.0) \end{array}$ |
| Less than college | $\begin{array}{r} 16.5 \\ (14.6,18.3) \end{array}$ | $\begin{array}{r} 15.7 \\ (12.3,19.0) \end{array}$ | $\begin{array}{r} 17.2 \\ (12.8,21.6) \end{array}$ | $\begin{array}{r} 16.0 \\ (13.5,18.5) \end{array}$ | $\begin{array}{r} 0.8 \\ (-2.2,3.8) \end{array}$ |  | 0.00 | $\begin{array}{r} 0.3 \\ (-3.8,4.5) \end{array}$ |
| Some college + | $\begin{array}{r} 14.7 \\ (13.0,16.5) \end{array}$ | $\begin{array}{r} 15.3 \\ (12.1,18.5) \end{array}$ | $\begin{array}{r} 13.6 \\ (10.5,16.7) \end{array}$ | $\begin{array}{r} 16.4 \\ (12.7,20.0) \end{array}$ | $\begin{array}{r} -0.5 \\ (-3.3,2.2) \end{array}$ |  | 0.01 | $\begin{array}{r} 1.1 \\ (-3.9,6.1) \end{array}$ |

[^86]Table 6-68. The relationship between parental exposure to specific anti-drug advertising and youth use of marijuana in past 12 months, by age, gender, race/ethnicity, risk score, and sensation seeking
November 1999 through December 2001

| Characteristics | Exposure level of parents (real or hypothetical) |  |  |  |  | $\begin{gathered} \text { Direct } \\ \text { Campaign } \\ \text { effect } \\ (\mathrm{C} 1-\mathrm{C} 2) \\ \hline \end{gathered}$ | Significancelevelof monotonedose-responserelationship,if $\mathrm{p}<.05$ | $\begin{gathered} \text { Spearman's } \\ \text { rho } \\ \text { (rank order } \\ \text { correlation) } \\ \hline \end{gathered}$ | Potential <br> maximum <br> Campaign effect (C5-C2) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Actual <br> during <br> period <br> (C1) | Less than 1 time per month (C2) | 1-3 times per month <br> (C3) | 4-11 times per month (C4) | 12 or more times per month (C5) |  |  |  |  |
| Parental reports, by age of child |  |  |  |  |  |  |  |  |  |
| 12 to 13 | $\begin{array}{r} 2.9 \\ (2.2,3.7) \end{array}$ | $\begin{array}{r} 2.2 \\ (1.1,3.4) \end{array}$ | $\begin{array}{r} 3.7 \\ (2.2,5.1) \end{array}$ | $\begin{array}{r} 2.7 \\ (1.4,4.0) \end{array}$ | $\begin{array}{r} 3.1 \\ (1.0,5.3) \end{array}$ | $\begin{array}{r} 0.7 \\ (-0.4,1.7) \end{array}$ |  | 0.01 | $\begin{array}{r} 0.9 \\ (-1.4,3.3) \end{array}$ |
| 14 to 18 | $\begin{array}{r} 20.9 \\ (19.1,22.6) \end{array}$ | $\begin{array}{r} 20.3 \\ (16.9,23.6) \end{array}$ | $\begin{array}{r} 20.9 \\ (17.8,24.0) \end{array}$ | $\begin{array}{r} 20.3 \\ (17.7,23.0) \end{array}$ | $\begin{array}{r} 26.5 \\ (18.8,34.2) \end{array}$ | $\begin{array}{r} 0.6 \\ (-2.2,3.4) \end{array}$ |  | 0.05 | $\begin{array}{r} 6.2 \\ (-1.9,14.4) \end{array}$ |
| 12 to 18 | $\begin{array}{r} 15.6 \\ (14.3,16.8) \end{array}$ | $\begin{array}{r} 14.8 \\ (12.5,17.1) \end{array}$ | $\begin{array}{r} 15.9 \\ (13.5,18.2) \end{array}$ | $\begin{array}{r} 15.3 \\ (13.2,17.4) \end{array}$ | $\begin{array}{r} 20.0 \\ (13.9,26.1) \end{array}$ | $\begin{array}{r} 0.8 \\ (-1.2,2.7) \end{array}$ |  | 0.05 | $\begin{array}{r} 5.2 \\ (-1.2,11.6) \end{array}$ |
| Parental reports, by child characteristics Male $\qquad$ | $\begin{array}{r} 16.5 \\ (14.8,18.3) \end{array}$ | $\begin{array}{r} 15.4 \\ (12.0,18.7) \end{array}$ | $\begin{array}{r} 18.6 \\ (15.4,21.9) \end{array}$ | $\begin{array}{r} 16.2 \\ (13.1,19.4) \end{array}$ | $\begin{array}{r} 20.4 \\ (12.1,28.7) \end{array}$ | $\begin{array}{r} 1.2 \\ (-1.6,4.0) \end{array}$ |  | 0.04 | $\begin{array}{r} 5.0 \\ (-4.2,14.3) \end{array}$ |
| Female | $\begin{array}{r} 14.5 \\ (12.9,16.2) \end{array}$ | $\begin{array}{r} 14.1 \\ (10.7,17.5) \end{array}$ | $\begin{array}{r} 13.1 \\ (10.1,16.0) \end{array}$ | $\begin{array}{r} 14.3 \\ (11.3,17.3) \end{array}$ | $\begin{array}{r} 19.6 \\ (11.8,27.4) \end{array}$ | $\begin{array}{r} 0.4 \\ (-2.6,3.5) \end{array}$ |  | 0.06 | $\begin{array}{r} 5.5 \\ (-2.7,13.8) \end{array}$ |
| White | $\begin{array}{r} 16.4 \\ (14.8,18.0) \end{array}$ | $\begin{array}{r} 15.1 \\ (12.4,17.8) \end{array}$ | $\begin{array}{r} 17.0 \\ (14.0,20.1) \end{array}$ | $\begin{array}{r} 15.1 \\ (12.8,17.4) \end{array}$ | $\begin{array}{r} 25.7 \\ (16.6,34.9) \end{array}$ | $\begin{array}{r} 1.4 \\ (-1.0,3.7) \end{array}$ | 0.038 | 0.08 | $\begin{array}{r} 10.7 \\ *(1.5,19.8) \end{array}$ |
| African American | $\begin{array}{r} 12.8 \\ (10.2,15.4) \end{array}$ | $\begin{array}{r} 14.4 \\ (7.9,21.0) \end{array}$ | $\begin{array}{r} 11.6 \\ (7.8,15.4) \end{array}$ | $\begin{array}{r} 13.0 \\ (7.6,18.3) \end{array}$ | $\begin{array}{r} 13.7 \\ (6.7,20.7) \end{array}$ | $\begin{array}{r} -1.6 \\ (-7.5,4.3) \end{array}$ |  | 0.00 | $\begin{array}{r} -0.7 \\ (-10.6,9.1) \end{array}$ |
| Hispanic | $\begin{array}{r} 14.3 \\ (10.9,17.8) \end{array}$ | $\begin{array}{r} 15.3 \\ (7.5,23.0) \end{array}$ | $\begin{array}{r} 14.4 \\ (7.9,21.0) \end{array}$ | $\begin{array}{r} 15.2 \\ (9.5,21.0) \end{array}$ | $\begin{array}{r} 8.6 \\ (4.3,12.8) \end{array}$ | $\begin{array}{r} -1.0 \\ (-7.7,5.6) \end{array}$ |  | -0.07 | $\begin{array}{r} -6.7 \\ (-15.5,2.1) \end{array}$ |

Table 6-68. The relationship between parental exposure to specific anti-drug advertising and youth use of marijuana in past 12 months, by age, gender, race/ethnicity, risk score, and sensation seeking (continued)

November 1999 through December 2001

| Characteristics | Percent of youth by parent exposure level |  |  |  |  |  | Significance level of monotone dose-response relationship, if $\mathrm{p}<.05$ | Spearman's <br> rho <br> (rank order <br> correlation) | Potential maximum Campaign effect (C5-C2) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Actual during period (C1) | Less than 1 time per month (C2) | 1-3 times per month (C3) | 4-11 times per month (C4) | 12 or more times per month (C5) | Direct Campaign effect (C1-C2) |  |  |  |
| Parental reports, by child characteristics |  |  |  |  |  |  |  |  |  |
| Risk score Higher risk | $\begin{array}{r} 35.6 \\ (33.1,38.1) \end{array}$ | $\begin{array}{r} 33.7 \\ (28.9,38.5) \end{array}$ | $\begin{array}{r} 37.0 \\ (32.6,41.5) \end{array}$ | $\begin{array}{r} 34.0 \\ (29.4,38.6) \end{array}$ | $\begin{array}{r} 46.8 \\ (35.8,57.8) \end{array}$ | $\begin{array}{r} 1.8 \\ (-2.5,6.1) \end{array}$ | 0.045 | 0.09 | $\begin{array}{r} 13.1 \\ *(1.3,24.9) \end{array}$ |
| Lower risk | $\begin{array}{r} 3.0 \\ (2.1,3.8) \end{array}$ | $\begin{array}{r} 4.1 \\ (1.6,6.6) \end{array}$ | $\begin{array}{r} 2.5 \\ (1.3,3.6) \end{array}$ | $\begin{array}{r} 2.4 \\ (1.3,3.6) \end{array}$ | $\begin{array}{r} 1.6 \\ (0.6,2.7) \end{array}$ | $\begin{array}{r} -1.2 \\ (-3.1,0.8) \end{array}$ |  | -0.05 | $\begin{array}{r} -2.5 \\ (-5.4,0.4) \end{array}$ |
| Sensation seeking High $\qquad$ | $\begin{array}{r} 23.6 \\ (21.7,25.5) \end{array}$ | $\begin{array}{r} 22.0 \\ (18.1,25.8) \end{array}$ | $\begin{array}{r} 24.2 \\ (20.8,27.7) \end{array}$ | $\begin{array}{r} 22.6 \\ (19.4,25.8) \end{array}$ | $\begin{array}{r} 31.4 \\ (22.0,40.9) \end{array}$ | $\begin{array}{r} 1.6 \\ (-1.8,5.1) \end{array}$ |  | 0.07 | $\begin{array}{r} 9.5 \\ (-0.4,19.3) \end{array}$ |
| Low | $\begin{array}{r} 5.8 \\ (4.5,7.1) \end{array}$ | $\begin{array}{r} 6.1 \\ (3.9,8.4) \end{array}$ | $\begin{array}{r} 5.6 \\ (3.1,8.1) \end{array}$ | $\begin{array}{r} 6.4 \\ (4.1,8.6) \end{array}$ | $\begin{array}{r} 8.5 \\ (2.4,14.6) \end{array}$ | $\begin{array}{r} -0.4 \\ (-2.4,1.6) \end{array}$ |  | 0.04 | $\begin{array}{r} 2.4 \\ (-4.0,8.8) \end{array}$ |
| Parental reports, by parent characteristics Males $\qquad$ | $\begin{array}{r} 14.9 \\ (12.2,17.6) \end{array}$ | $\begin{array}{r} 14.5 \\ (9.7,19.3) \end{array}$ | $\begin{array}{r} 16.4 \\ (11.9,20.9) \end{array}$ | $\begin{array}{r} 14.9 \\ (11.6,18.2) \end{array}$ | $\begin{array}{r} 15.6 \\ (8.4,22.7) \end{array}$ | $\begin{array}{r} 0.5 \\ (-3.3,4.3) \end{array}$ |  | 0.01 | $\begin{array}{r} 1.1 \\ (-7.7,9.9) \end{array}$ |
| Females | $\begin{array}{r} 15.9 \\ (14.4,17.4) \end{array}$ | $\begin{array}{r} 14.9 \\ (12.0,17.9) \end{array}$ | $\begin{array}{r} 15.6 \\ (12.6,18.5) \end{array}$ | $\begin{array}{r} 15.5 \\ (12.5,18.6) \end{array}$ | $\begin{array}{r} 21.8 \\ (13.6,30.0) \end{array}$ | $\begin{array}{r} 0.9 \\ (-1.8,3.6) \end{array}$ |  | 0.06 | $\begin{array}{r} 6.9 \\ (-1.6,15.5) \end{array}$ |
| Less than college | $\begin{array}{r} 16.5 \\ (14.6,18.3) \end{array}$ | $\begin{array}{r} 15.5 \\ (11.6,19.3) \end{array}$ | $\begin{array}{r} 16.8 \\ (13.3,20.2) \end{array}$ | $\begin{array}{r} 15.7 \\ (13.1,18.4) \end{array}$ | $\begin{array}{r} 19.0 \\ (11.7,26.3) \end{array}$ | $\begin{array}{r} 1.0 \\ (-2.5,4.4) \end{array}$ |  | 0.03 | $\begin{array}{r} 3.5 \\ (-5.0,12.0) \end{array}$ |
| Some college + | $\begin{array}{r} 14.7 \\ (13.0,16.5) \end{array}$ | $\begin{array}{r} 14.2 \\ (11.2,17.2) \end{array}$ | $\begin{array}{r} 15.1 \\ (12.7,17.4) \end{array}$ | $\begin{array}{r} 14.7 \\ (11.2,18.2) \end{array}$ | $\begin{array}{r} 21.3 \\ (11.3,31.3) \end{array}$ | $\begin{array}{r} 0.6 \\ (-1.7,2.8) \end{array}$ |  | 0.06 | $\begin{array}{r} 7.1 \\ (-3.2,17.5) \end{array}$ |

NOTE: Direct campaign effects are estimated by comparing mean cognitive outcomes observed (C1) to projections of what those means would have been in the absence of the Media Campaign (C2).


[^0]:    ${ }^{1}$ Wave 1 estimates do not match those printed in the previous report due to an error in the previous report.

[^1]:    ${ }^{1}$ Interviews included no ads in this platform for Wave 3.

[^2]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.

[^3]:    ${ }^{1}$ Responses from parents with children in multiple rows are included in each relevant percentage.

[^4]:    ${ }^{1}$ Responses from parents with children in multiple rows are included in each relevant percentage.

[^5]:    ${ }^{1}$ Responses from parents with children in multiple rows are included in each relevant percentage.

[^6]:    ${ }^{1} \mathrm{TV}$ ads on the topic of inhalants were not aired during Wave 2.
    ${ }^{2}$ Responses from parents with children in multiple rows are included in each relevant percentage.

[^7]:    ${ }^{1}$ Means represent the average response to a three-item evaluation scale (i.e., statements regarding whether the ad was attention-getting, convincing, and personally relevant).

[^8]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
    ${ }^{2}$ Means represent the average response across ads to a three-item evaluation scale (i.e., statements regarding whether the ad was attention-getting, convincing, and personally relevant).
    ${ }^{3}$ Responses from parents with children in multiple rows are included in each relevant percentage.

[^9]:    ${ }^{1}$ Wave 1 interviews asked respondents only about ads that had aired exclusively on the radio and did not ask about radio ads that were the soundtracks for television ads. During Wave 1 almost all ads were

[^10]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
    ${ }^{2}$ See Sections 2.2.5, 2.4.1, 3.2.2 and E. 3 for guidance on interpretatic
    Campaign-sponsored ad aimed at parents at least once per week can also be derived by summing the "'4-11.9" and "12 or more" lines of Table 3-22, except for rounding error.
    ${ }^{3}$ Responses from parents with children in multiple rows are included in each relevant percentage.

[^11]:    ${ }^{1}$ Responses from parents with children in multiple rows are included in each relevant percentage.

[^12]:    ${ }^{1}$ Radio ads for the "Your child at risk" strategic platform were not aired during Waves 2 and 3.
    ${ }^{2}$ Responses from parents with children in multiple rows are included in each relevant percentage.

[^13]:    ${ }^{1}$ Radio ads for the "Perceptions of Harm/Marijuana" strategic platform were not aired during Wave 2.

[^14]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.

[^15]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
    ${ }^{2}$ Responses from parents with children in multiple rows are included in each relevant percentage.

[^16]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
    ${ }^{2}$ Responses from parents with children in multiple rows are included in each relevant percentage.

[^17]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.

[^18]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
    ${ }^{2}$ Responses from parents with children in multiple rows are included in each relevant percentage.

[^19]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
    ${ }^{2}$ Responses from parents with children in multiple rows are included in each relevant percentage.

[^20]:    ${ }^{1}$ Regular use $=$ Used 10 or more times in past year.

[^21]:    ${ }^{1}$ Regular use $=$ Used 10 or more times in past year.

[^22]:    ${ }^{1}$ Nonusers are those who have never used marijuana in the past

[^23]:    ${ }^{1}$ Nonusers are those who have never used marijuana in the past.

[^24]:    ${ }^{1}$ Nonusers are those who have never used marijuana in the past.

[^25]:    ${ }^{1}$ Nonusers are those who have never used marijuana in the past.

[^26]:    ${ }^{1}$ Nonusers are those who have never used marijuana in the past

[^27]:    ${ }^{1}$ Nonusers are those who have never used marijuana in the past.
    ${ }^{2}$ For youth aged 12 to 18, attitude is based on a scale of two items (extremely bad, unenjoyable/good, enjoyable).

[^28]:    ${ }^{1}$ Nonusers are those who have never used marijuana in the past.

[^29]:    ${ }^{1}$ Nonusers are those who have never used marijuana in the past.

[^30]:    ${ }^{1}$ Nonusers are those who have never used marijuana in the past.
    ${ }^{2}$ Percentages displayed for negative outcomes ("Damage brain" through "Lose my friends' respect") are those who answered, "Very likely." For positive outcomes, ("Have a good time with friends," and "Be more

[^31]:    ${ }^{1}$ Nonusers are those who have never used marijuana in the past.

[^32]:    ${ }^{1}$ Nonusers are those who have never used marijuana in the past.
    ${ }^{2}$ Occasional users are those who have used marijuana 1 to 9 times in the past 12 months.

[^33]:    ${ }^{1}$ Nonusers are those who have never used marijuana in the past.
    Occasional users are those who have used marijuana 1 to 9 times in the past 12 months

[^34]:    ${ }^{1}$ Nonusers are those who have never used marijuana in the past.
    ${ }^{2}$ Occasional users are those who have used marijuana 1 to 9 times in the past 12 months.
    ${ }^{3}$ Attitude is a mean of two items (extremely bad, unenjoyable/good, enjoyable).

[^35]:    ${ }^{1}$ Nonusers are those who have never used marijuana in the past.
    ${ }^{2}$ Occasional users are those who have used marijuana 1 to 9 times in the past 12 months.
    ${ }^{3}$ Average of individual items presented in 5-13, with positive outcomes (good time with friends, be more creative and imaginative) reverse coded before taking average.

[^36]:    ${ }^{1}$ Nonusers are those who have never used marijuana in the past.
    ${ }^{2}$ Occasional users are those who have used marijuana 1 to 9 times in the past 12 months.

[^37]:    ${ }^{1}$ Nonusers are those who have never used marijuana in the past.
    ${ }^{2}$ Occasional users are those who have used marijuana 1 to 9 times in the past 12 months

[^38]:    Nonusers are those who have never used marijuana in the past.

[^39]:    Nonusers are those who have never used marijuana in the past.

[^40]:    ${ }^{1}$ Nonusers are those who have never used marijuana in the past.
    ${ }^{2}$ Occasional users are those who have used marijuana 1 to 9 times in the past 12 months.

[^41]:    ${ }^{1}$ Nonusers are those who have never used marijuana in the past.
    ${ }^{2}$ Occasional users are those who have used marijuana 1 to 9 times in the past 12 months

[^42]:    ${ }^{1}$ Nonusers are those who have never used marijuana in the past.
    ${ }^{2}$ Occasional users are those who have used marijuana 1 to 9 times in the past 12 months.
    ${ }^{3}$ Measurement of this construct is detailed in Appendix E.

[^43]:    ${ }^{1}$ Nonusers are those who have never used inhalants in the past.
    ${ }^{2}$ Occasional users are those who have used inhalants 1 to 9 times in the past 12 months.

[^44]:    ${ }^{1}$ Nonusers are those who have never used inhalants in the past.
    ${ }^{2}$ Occasional users are those who have used inhalants 1 to 9 times in the past 12 months.

[^45]:    ${ }^{1}$ Nonusers are those who have never used inhalants in the past.
    ${ }^{2}$ Occasional users are those who have used inhalants 1 to 9 times in the past 12 months.

[^46]:    NOTE: Direct campaign effects are estimated by comparing mean cognitive outcomes observed (C1) to projections of what those means would have been in the absence of the Media Campaign (C2)

[^47]:    NOTE: Direct campaign effects are estimated by comparing mean cognitive outcomes observed ( C 1 ) to projections of what those means would have been in the absence of the Media Campaign (C2)

[^48]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
    ${ }^{2}$ Measurement of this construct is detailed in Appendix E.
    ${ }^{3}$ These parent questions were repeated separately for each sample child.

[^49]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
    ${ }^{2}$ Measurement of this construct is detailed in Appendix E.
    ${ }^{3}$ These parent questions were repeated separately for each sample child.

[^50]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
    ${ }^{2}$ Measurement of this construct is detailed in Appendix E.
    3These parent questions were repeated separately for each sample child beginning in Wave 3.

[^51]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
    ${ }^{2}$ These parent questions were repeated separately for each sample child.

[^52]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
    ${ }^{2}$ These parent questions were repeated separately for each sample child.

[^53]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
    ${ }^{2}$ These parent questions were repeated separately for each sample child.

[^54]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.

[^55]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.

[^56]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
    ${ }^{2}$ These parent questions were repeated separately for each sample child beginning in Wave 3 .

[^57]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
    ${ }^{2}$ These parent questions were repeated separately for each sample child beginning in Wave 3 .

[^58]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
    ${ }^{2}$ Responses from parents with children in multiple rows are included in each relevant percentage.

[^59]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
    ${ }^{2}$ Responses from parents with children in multiple rows are included in each relevant percentage.

[^60]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
    ${ }^{2}$ Responses from parents with children in multiple rows are included in each relevant percentage.

[^61]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
    ${ }^{2}$ These parent questions were repeated separately for each sample child.

[^62]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
    ${ }^{2}$ These questions were repeated separately for each sample child.

[^63]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
    ${ }^{2}$ These questions were repeated separately for each sample child.

[^64]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
    ${ }^{2}$ These questions were repeated separately for each sample child.

[^65]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
    ${ }^{2}$ These questions were repeated separately for each sample child.

[^66]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
    ${ }^{2}$ These questions were repeated separately for each sample child.

[^67]:    ${ }^{\text {' }}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
    ${ }^{2}$ These questions were repeated separately for each sample child.

[^68]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.

[^69]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
    ${ }^{2}$ These questions were repeated separately for each sample child.

[^70]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.

[^71]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
    ${ }^{2}$ These questions were repeated separately for each sample child.

[^72]:    All parents and caregivers of youth aged 12 to 18 who live with their children.
    ${ }^{2}$ These questions were repeated separately for each sample child.

[^73]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.

[^74]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
    ${ }^{2}$ These questions were repeated separately for each sample child.

[^75]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
    ${ }^{2}$ These questions were repeated separately for each sample child.

[^76]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.

[^77]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
    ${ }^{2}$ These questions were repeated separately for each sample child.

[^78]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
    ${ }^{2}$ These questions were repeated separately for each sample child.

[^79]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.

[^80]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
    ${ }^{2}$ These parent questions were repeated separately for each sample child.

[^81]:    ${ }^{1}$ All parents and caregivers of youth aged 12 to 18 who live with their children.
    ${ }^{2}$ These parent questions were repeated separately for each sample child.

[^82]:    Limited to parents of nonusing youth aged 12 to 18 .

[^83]:    Limited to parents of nonusing youth aged 12 to 18 .

[^84]:    ${ }^{1}$ Limited to parents of nonusing youth aged 12 to 18 .

[^85]:    ${ }^{1}$ Limited to parents of nonusing youth aged 12 to 18 .

[^86]:    NOTE: Direct campaign effects are estimated by comparing mean cognitive outcomes observed (C1) to projections of what those means would have been in the absence of the Media Campaign (C2)

