

**Table A.4.5 Unweighted Logistic Regression of Respondent Reporting Lifetime Marijuana Use: 2002 to 2007, Aged 12 or Older, Categorical Experience**

| Variable   | Coefficient | Standard Error | P Value | Odds Ratio | Lower 95% OR | Upper 95% OR |
|--|-------------|----------------|---------|------------|--------------|--------------|
| <b>Intercept</b>                                 | -2.05       | 0.12           | 0.0000  | 0.13       | 0.10         | 0.16         |
| <b>Respondent Age</b>                            |             |                |         |            |              |              |
| 12 to 17 (RC)                                    | 0.00        | 0.00           |         | 1.00       | 1.00         | 1.00         |
| 18 to 25   | 1.63        | 0.04           | 0.0000  | 5.08       | 4.72         | 5.47         |
| 26 to 34   | 1.51        | 0.05           | 0.0000  | 4.52       | 4.13         | 4.96         |
| 35 to 49   | 1.75        | 0.04           | 0.0000  | 5.77       | 5.31         | 6.28         |
| 50+  | 0.31        | 0.06           | 0.0000  | 1.36       | 1.22         | 1.52         |
| <b>Respondent Gender</b>                         |             |                |         |            |              |              |
| Male (RC)  | 0.00        | 0.00           |         | 1.00       | 1.00         | 1.00         |
| Female   | -0.21       | 0.02           | 0.0000  | 0.81       | 0.78         | 0.84         |
| <b>Respondent Race/Ethnicity</b>                 |             |                |         |            |              |              |
| White, Non-Hispanic (RC)                         | 0.00        | 0.00           |         | 1.00       | 1.00         | 1.00         |
| Black, Non-Hispanic                              | -0.34       | 0.02           | 0.0000  | 0.72       | 0.69         | 0.74         |
| Other, Non-Hispanic                              | -0.40       | 0.02           | 0.0000  | 0.67       | 0.64         | 0.70         |
| Hispanic   | -0.38       | 0.02           | 0.0000  | 0.69       | 0.66         | 0.71         |
| <b>Interviewer Age</b>                           |             |                |         |            |              |              |
| Less than 41 (RC)                                | 0.00        | 0.00           |         | 1.00       | 1.00         | 1.00         |
| 41 to 50   | 0.07        | 0.03           | 0.0469  | 1.07       | 1.00         | 1.14         |
| 51 to 60   | -0.01       | 0.03           | 0.7682  | 0.99       | 0.93         | 1.06         |
| 61+  | -0.02       | 0.03           | 0.6134  | 0.98       | 0.92         | 1.05         |
| <b>Interviewer Gender</b>                        |             |                |         |            |              |              |
| Male (RC)  | 0.00        | 0.00           |         | 1.00       | 1.00         | 1.00         |
| Female   | 0.03        | 0.02           | 0.0930  | 1.03       | 1.00         | 1.06         |
| <b>Interviewer Race/Ethnicity</b>                |             |                |         |            |              |              |
| White, Non-Hispanic (RC)                         | 0.00        | 0.00           |         | 1.00       | 1.00         | 1.00         |
| Black, Non-Hispanic                              | 0.07        | 0.02           | 0.0031  | 1.08       | 1.03         | 1.13         |
| Other, Non-Hispanic                              | 0.01        | 0.04           | 0.7982  | 1.01       | 0.93         | 1.10         |
| Hispanic   | 0.06        | 0.03           | 0.0281  | 1.06       | 1.01         | 1.13         |
| <b>Average Miles per Week during the Quarter</b> | -0.00       | 0.00           | 0.0001  | 1.00       | 1.00         | 1.00         |
| <b>Average Hours per Week during the Quarter</b> | 0.00        | 0.00           | 0.0954  | 1.00       | 1.00         | 1.00         |
| <b>Interviewer Age by Respondent Age</b>         |             |                |         |            |              |              |
| Less than 41; 12 to 17 (RC)                      | 0.00        | 0.00           |         | 1.00       | 1.00         | 1.00         |
| Less than 41, 18 to 25 (RC)                      | 0.00        | 0.00           |         | 1.00       | 1.00         | 1.00         |
| Less than 41; 26 to 34 (RC)                      | 0.00        | 0.00           |         | 1.00       | 1.00         | 1.00         |
| Less than 41, 35 to 49 (RC)                      | 0.00        | 0.00           |         | 1.00       | 1.00         | 1.00         |
| Less than 41; 50+ (RC)                           | 0.00        | 0.00           |         | 1.00       | 1.00         | 1.00         |
| 41 to 50; 12 to 17 (RC)                          | 0.00        | 0.00           |         | 1.00       | 1.00         | 1.00         |
| 41 to 50, 18 to 25                               | -0.02       | 0.04           | 0.6982  | 0.98       | 0.90         | 1.07         |
| 41 to 50; 26 to 34                               | -0.00       | 0.06           | 0.9895  | 1.00       | 0.90         | 1.11         |
| 41 to 50, 35 to 49                               | -0.05       | 0.05           | 0.3229  | 0.95       | 0.87         | 1.05         |
| 41 to 50; 50+                                    | 0.05        | 0.06           | 0.4267  | 1.05       | 0.93         | 1.20         |
| 51 to 60; 12 to 17 (RC)                          | 0.00        | 0.00           |         | 1.00       | 1.00         | 1.00         |
| 51 to 60, 18 to 25                               | 0.04        | 0.04           | 0.3581  | 1.04       | 0.96         | 1.13         |
| 51 to 60; 26 to 34                               | 0.14        | 0.05           | 0.0084  | 1.15       | 1.04         | 1.28         |
| 51 to 60, 35 to 49                               | 0.10        | 0.05           | 0.0324  | 1.11       | 1.01         | 1.21         |
| 51 to 60; 50+                                    | 0.06        | 0.06           | 0.3217  | 1.06       | 0.94         | 1.20         |
| 61+; 12 to 17 (RC)                               | 0.00        | 0.00           |         | 1.00       | 1.00         | 1.00         |

(continued)

**Table A.4.5 Unweighted Logistic Regression of Respondent Reporting Lifetime Marijuana Use: 2002 to 2007, Aged 12 or Older, Categorical Experience (continued)**

| Variable   | Coefficient | Standard Error | P Value | Odds Ratio | Lower 95% OR | Upper 95% OR |
|--|-------------|----------------|---------|------------|--------------|--------------|
| 61+; 18 to 25  | 0.07        | 0.04           | 0.0804  | 1.08       | 0.99         | 1.17         |
| 61+; 26 to 34  | 0.14        | 0.05           | 0.0098  | 1.15       | 1.03         | 1.27         |
| 61+; 35 to 49  | 0.11        | 0.05           | 0.0198  | 1.12       | 1.02         | 1.22         |
| 61+; 50+   | 0.10        | 0.06           | 0.1184  | 1.10       | 0.98         | 1.24         |
| <b>Interviewer Gender by Respondent Gender</b>                 |             |                |         |            |              |              |
| Male; Male (RC)  | 0.00        | 0.00           |         | 1.00       | 1.00         | 1.00         |
| Male; Female (RC)  | 0.00        | 0.00           |         | 1.00       | 1.00         | 1.00         |
| Female; Male (RC)  | 0.00        | 0.00           |         | 1.00       | 1.00         | 1.00         |
| Female; Female   | -0.07       | 0.02           | 0.0002  | 0.93       | 0.90         | 0.97         |
| <b>Interviewer Race/Ethnicity by Respondent Race/Ethnicity</b> |             |                |         |            |              |              |
| White, Non-Hispanic; White Non-Hispanic (RC)                   | 0.00        | 0.00           |         | 1.00       | 1.00         | 1.00         |
| White, Non-Hispanic; Black Non-Hispanic (RC)                   | 0.00        | 0.00           |         | 1.00       | 1.00         | 1.00         |
| White, Non-Hispanic; Other Non-Hispanic (RC)                   | 0.00        | 0.00           |         | 1.00       | 1.00         | 1.00         |
| White, Non-Hispanic; Hispanic (RC)                             | 0.00        | 0.00           |         | 1.00       | 1.00         | 1.00         |
| Black, Non-Hispanic; White, Non-Hispanic (RC)                  | 0.00        | 0.00           |         | 1.00       | 1.00         | 1.00         |
| Black, Non-Hispanic; Black Non-Hispanic                        | -0.10       | 0.04           | 0.0073  | 0.90       | 0.84         | 0.97         |
| Black, Non-Hispanic; Other Non-Hispanic                        | -0.37       | 0.07           | 0.0000  | 0.69       | 0.61         | 0.79         |
| Black, Non-Hispanic; Hispanic                                  | -0.27       | 0.05           | 0.0000  | 0.76       | 0.69         | 0.84         |
| Other, Non-Hispanic; White, Non-Hispanic (RC)                  | 0.00        | 0.00           |         | 1.00       | 1.00         | 1.00         |
| Other, Non-Hispanic; Black Non-Hispanic                        | -0.11       | 0.12           | 0.3904  | 0.90       | 0.71         | 1.14         |
| Other, Non-Hispanic; Other Non-Hispanic                        | -0.21       | 0.08           | 0.0084  | 0.81       | 0.69         | 0.95         |
| Other, Non-Hispanic; Hispanic                                  | -0.21       | 0.11           | 0.0546  | 0.81       | 0.66         | 1.00         |
| Hispanic; White, Non-Hispanic (RC)                             | 0.00        | 0.00           |         | 1.00       | 1.00         | 1.00         |
| Hispanic; Black Non-Hispanic                                   | -0.37       | 0.05           | 0.0000  | 0.69       | 0.62         | 0.77         |
| Hispanic; Other Non-Hispanic                                   | -0.57       | 0.06           | 0.0000  | 0.57       | 0.50         | 0.64         |
| Hispanic; Hispanic   | -0.87       | 0.04           | 0.0000  | 0.42       | 0.39         | 0.45         |
| <b>Cumulative Interview Count</b>                              |             |                |         |            |              |              |
| 1 to 19 (RC)   | 0.00        | 0.00           |         | 1.00       | 1.00         | 1.00         |
| 20 to 39   | -0.06       | 0.07           | 0.3583  | 0.94       | 0.83         | 1.07         |
| 40 to 59   | -0.07       | 0.07           | 0.2781  | 0.93       | 0.82         | 1.06         |
| 60 to 99   | -0.09       | 0.06           | 0.1196  | 0.91       | 0.82         | 1.02         |
| 100 to 249   | -0.12       | 0.05           | 0.0212  | 0.88       | 0.80         | 0.98         |
| 250 to 499   | -0.09       | 0.05           | 0.0981  | 0.92       | 0.83         | 1.02         |
| 500 to 749   | -0.20       | 0.07           | 0.0033  | 0.82       | 0.72         | 0.94         |
| 750 to 999   | -0.27       | 0.09           | 0.0048  | 0.77       | 0.64         | 0.92         |
| 1,000+   | -0.38       | 0.12           | 0.0013  | 0.69       | 0.55         | 0.86         |

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**Table A.4.5 Unweighted Logistic Regression of Respondent Reporting Lifetime Marijuana Use: 2002 to 2007, Aged 12 or Older, Categorical Experience (continued)**

| <b>Variable</b>                           | <b>Coefficient</b> | <b>Standard Error</b> | <b>P Value</b> | <b>Odds Ratio</b> | <b>Lower 95% OR</b> | <b>Upper 95% OR</b> |
|---|--------------------|-----------------------|----------------|-------------------|---------------------|---------------------|
| <b>Year</b>                               |                    |                       |                |                   |                     |                     |
| 2002 (RC)                                 | 0.00               | 0.00                  |                | 1.00              | 1.00                | 1.00                |
| 2003                                      | -0.04              | 0.13                  | 0.7889         | 0.97              | 0.75                | 1.25                |
| 2004                                      | 0.05               | 0.14                  | 0.7468         | 1.05              | 0.79                | 1.39                |
| 2005                                      | -0.11              | 0.14                  | 0.4333         | 0.89              | 0.67                | 1.18                |
| 2006                                      | -0.07              | 0.14                  | 0.6217         | 0.93              | 0.71                | 1.23                |
| 2007                                      | -0.05              | 0.15                  | 0.7291         | 0.95              | 0.71                | 1.27                |
| <b>Year by Cumulative Interview Count</b> |                    |                       |                |                   |                     |                     |
| 2002; 1 to 19 (RC)                        | 0.00               | 0.00                  |                | 1.00              | 1.00                | 1.00                |
| 2002; 20 to 39 (RC)                       | 0.00               | 0.00                  |                | 1.00              | 1.00                | 1.00                |
| 2002; 40 to 59 (RC)                       | 0.00               | 0.00                  |                | 1.00              | 1.00                | 1.00                |
| 2002; 60 to 99 (RC)                       | 0.00               | 0.00                  |                | 1.00              | 1.00                | 1.00                |
| 2002; 100 to 249 (RC)                     | 0.00               | 0.00                  |                | 1.00              | 1.00                | 1.00                |
| 2002; 250 to 499 (RC)                     | 0.00               | 0.00                  |                | 1.00              | 1.00                | 1.00                |
| 2002; 500 to 749 (RC)                     | 0.00               | 0.00                  |                | 1.00              | 1.00                | 1.00                |
| 2002; 750 to 999 (RC)                     | 0.00               | 0.00                  |                | 1.00              | 1.00                | 1.00                |
| 2002; 1,000+ (RC)                         | 0.00               | 0.00                  |                | 1.00              | 1.00                | 1.00                |
| 2003; 1 to 19 (RC)                        | 0.00               | 0.00                  |                | 1.00              | 1.00                | 1.00                |
| 2003; 20 to 39                            | -0.01              | 0.10                  | 0.9335         | 0.99              | 0.82                | 1.20                |
| 2003; 40 to 59                            | 0.11               | 0.10                  | 0.2717         | 1.12              | 0.92                | 1.36                |
| 2003; 60 to 99                            | 0.11               | 0.09                  | 0.1885         | 1.12              | 0.95                | 1.33                |
| 2003; 100 to 249                          | 0.16               | 0.08                  | 0.0554         | 1.17              | 1.00                | 1.37                |
| 2003; 250 to 499                          | 0.07               | 0.08                  | 0.3649         | 1.07              | 0.92                | 1.26                |
| 2003; 500 to 749                          | 0.15               | 0.09                  | 0.1035         | 1.16              | 0.97                | 1.39                |
| 2003; 750 to 999                          | 0.18               | 0.12                  | 0.1390         | 1.20              | 0.94                | 1.53                |
| 2003; 1,000+                              | 0.27               | 0.15                  | 0.0818         | 1.31              | 0.97                | 1.76                |
| 2004; 1 to 19 (RC)                        | 0.00               | 0.00                  |                | 1.00              | 1.00                | 1.00                |
| 2004; 20 to 39                            | 0.04               | 0.09                  | 0.6701         | 1.04              | 0.86                | 1.25                |
| 2004; 40 to 59                            | 0.10               | 0.10                  | 0.3099         | 1.11              | 0.91                | 1.34                |
| 2004; 60 to 99                            | 0.08               | 0.09                  | 0.3604         | 1.08              | 0.91                | 1.29                |
| 2004; 100 to 249                          | 0.17               | 0.08                  | 0.0266         | 1.18              | 1.02                | 1.38                |
| 2004; 250 to 499                          | 0.09               | 0.07                  | 0.2441         | 1.09              | 0.94                | 1.26                |
| 2004; 500 to 749                          | 0.25               | 0.09                  | 0.0042         | 1.28              | 1.08                | 1.51                |
| 2004; 750 to 999                          | 0.28               | 0.11                  | 0.0120         | 1.33              | 1.06                | 1.65                |
| 2004; 1,000+                              | 0.29               | 0.14                  | 0.0326         | 1.34              | 1.02                | 1.75                |
| 2005; 1 to 19 (RC)                        | 0.00               | 0.00                  |                | 1.00              | 1.00                | 1.00                |
| 2005; 20 to 39                            | 0.03               | 0.09                  | 0.7538         | 1.03              | 0.86                | 1.23                |
| 2005; 40 to 59                            | 0.07               | 0.09                  | 0.4491         | 1.07              | 0.89                | 1.29                |
| 2005; 60 to 99                            | 0.09               | 0.08                  | 0.2853         | 1.09              | 0.93                | 1.29                |
| 2005; 100 to 249                          | 0.07               | 0.07                  | 0.3536         | 1.07              | 0.93                | 1.24                |
| 2005; 250 to 499                          | 0.04               | 0.07                  | 0.5800         | 1.04              | 0.90                | 1.20                |
| 2005; 500 to 749                          | 0.15               | 0.08                  | 0.0771         | 1.16              | 0.98                | 1.37                |
| 2005; 750 to 999                          | 0.20               | 0.11                  | 0.0810         | 1.22              | 0.98                | 1.51                |
| 2005; 1,000+                              | 0.26               | 0.13                  | 0.0430         | 1.30              | 1.01                | 1.68                |
| 2006; 1 to 19 (RC)                        | 0.00               | 0.00                  |                | 1.00              | 1.00                | 1.00                |
| 2006; 20 to 39                            | 0.07               | 0.09                  | 0.4539         | 1.07              | 0.89                | 1.29                |
| 2006; 40 to 59                            | 0.07               | 0.10                  | 0.4526         | 1.08              | 0.89                | 1.31                |
| 2006; 60 to 99                            | 0.08               | 0.09                  | 0.3531         | 1.08              | 0.92                | 1.28                |
| 2006; 100 to 249                          | 0.05               | 0.07                  | 0.4746         | 1.05              | 0.91                | 1.22                |
| 2006; 250 to 499                          | 0.11               | 0.07                  | 0.1365         | 1.12              | 0.97                | 1.29                |

(continued)

**Table A.4.5 Unweighted Logistic Regression of Respondent Reporting Lifetime Marijuana Use: 2002 to 2007, Aged 12 or Older, Categorical Experience (continued)**

| <b>Variable</b>    | <b>Coefficient</b> | <b>Standard Error</b> | <b>P Value</b> | <b>Odds Ratio</b> | <b>Lower 95% OR</b> | <b>Upper 95% OR</b> |
|--------------------|--------------------|-----------------------|----------------|-------------------|---------------------|---------------------|
| 2006; 500 to 749   | 0.20               | 0.09                  | 0.0199         | 1.22              | 1.03                | 1.44                |
| 2006; 750 to 999   | 0.22               | 0.11                  | 0.0440         | 1.25              | 1.01                | 1.55                |
| 2006; 1,000+       | 0.33               | 0.13                  | 0.0099         | 1.39              | 1.08                | 1.79                |
| 2007; 1 to 19 (RC) | 0.00               | 0.00                  |                | 1.00              | 1.00                | 1.00                |
| 2007; 20 to 39     | -0.03              | 0.09                  | 0.7745         | 0.97              | 0.81                | 1.17                |
| 2007; 40 to 59     | 0.04               | 0.10                  | 0.7096         | 1.04              | 0.86                | 1.26                |
| 2007; 60 to 99     | 0.04               | 0.09                  | 0.6536         | 1.04              | 0.88                | 1.23                |
| 2007; 100 to 249   | 0.03               | 0.08                  | 0.6631         | 1.03              | 0.89                | 1.20                |
| 2007; 250 to 499   | 0.01               | 0.08                  | 0.8519         | 1.01              | 0.87                | 1.18                |
| 2007; 500 to 749   | 0.13               | 0.09                  | 0.1340         | 1.14              | 0.96                | 1.35                |
| 2007; 750 to 999   | 0.06               | 0.11                  | 0.5791         | 1.06              | 0.86                | 1.32                |
| 2007; 1,000+       | 0.26               | 0.13                  | 0.0450         | 1.29              | 1.01                | 1.67                |

RC = reference category.

Source: Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2002 to 2007.