

Table A.4.7 Unweighted Logistic Regression of Respondent Reporting Lifetime Nonmedical Use of Pain Relievers: 2002 to 2007, Aged 12 or Older, Categorical Experience

| Variable | Coefficient | Standard Error | P Value | Odds Ratio | Lower 95% OR | Upper 95% OR |
|--|-------------|----------------|---------|------------|--------------|--------------|
| Intercept | -2.14 | 0.14 | 0.0000 | 0.12 | 0.09 | 0.16 |
| Respondent Age | | | | | | |
| 12 to 17 (RC) | 0.00 | 0.00 | | 1.00 | 1.00 | 1.00 |
| 18 to 25 | 0.85 | 0.04 | 0.0000 | 2.35 | 2.16 | 2.55 |
| 26 to 34 | 0.58 | 0.06 | 0.0000 | 1.79 | 1.60 | 2.00 |
| 35 to 49 | 0.44 | 0.05 | 0.0000 | 1.56 | 1.40 | 1.73 |
| 50+ | -0.69 | 0.09 | 0.0000 | 0.50 | 0.42 | 0.60 |
| Respondent Gender | | | | | | |
| Male (RC) | 0.00 | 0.00 | | 1.00 | 1.00 | 1.00 |
| Female | -0.19 | 0.02 | 0.0000 | 0.82 | 0.79 | 0.86 |
| Respondent Race/Ethnicity | | | | | | |
| White, Non-Hispanic (RC) | 0.00 | 0.00 | | 1.00 | 1.00 | 1.00 |
| Black, Non-Hispanic | -0.70 | 0.03 | 0.0000 | 0.50 | 0.47 | 0.52 |
| Other, Non-Hispanic | -0.33 | 0.03 | 0.0000 | 0.72 | 0.68 | 0.76 |
| Hispanic | -0.38 | 0.02 | 0.0000 | 0.68 | 0.65 | 0.71 |
| Interviewer Age | | | | | | |
| Less than 41 (RC) | 0.00 | 0.00 | | 1.00 | 1.00 | 1.00 |
| 41 to 50 | 0.03 | 0.04 | 0.5001 | 1.03 | 0.95 | 1.11 |
| 51 to 60 | 0.00 | 0.04 | 0.9453 | 1.00 | 0.93 | 1.08 |
| 61+ | -0.00 | 0.04 | 0.9602 | 1.00 | 0.93 | 1.08 |
| Interviewer Gender | | | | | | |
| Male (RC) | 0.00 | 0.00 | | 1.00 | 1.00 | 1.00 |
| Female | -0.03 | 0.02 | 0.0925 | 0.97 | 0.94 | 1.00 |
| Interviewer Race/Ethnicity | | | | | | |
| White, Non-Hispanic (RC) | 0.00 | 0.00 | | 1.00 | 1.00 | 1.00 |
| Black, Non-Hispanic | 0.03 | 0.03 | 0.3424 | 1.03 | 0.97 | 1.08 |
| Other, Non-Hispanic | -0.01 | 0.05 | 0.8936 | 0.99 | 0.90 | 1.09 |
| Hispanic | 0.00 | 0.03 | 0.9817 | 1.00 | 0.94 | 1.06 |
| Average Miles per Week during the Quarter | -0.00 | 0.00 | 0.0023 | 1.00 | 1.00 | 1.00 |
| Average Hours per Week during the Quarter | 0.00 | 0.00 | 0.0834 | 1.00 | 1.00 | 1.00 |
| Interviewer Age by Respondent Age | | | | | | |
| 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 | 0.06 | 0.05 | 0.2023 | 1.07 | 0.97 | 1.18 |
| 41 to 50; 26 to 34 | 0.01 | 0.07 | 0.8547 | 1.01 | 0.89 | 1.16 |
| 41 to 50; 35 to 49 | -0.05 | 0.06 | 0.4783 | 0.96 | 0.84 | 1.08 |
| 41 to 50; 50+ | -0.01 | 0.10 | 0.9132 | 0.99 | 0.80 | 1.21 |
| 51 to 60; 12 to 17 (RC) | 0.00 | 0.00 | | 1.00 | 1.00 | 1.00 |
| 51 to 60; 18 to 25 | 0.09 | 0.05 | 0.0516 | 1.10 | 1.00 | 1.21 |
| 51 to 60; 26 to 34 | 0.07 | 0.06 | 0.3053 | 1.07 | 0.94 | 1.21 |
| 51 to 60; 35 to 49 | -0.04 | 0.06 | 0.4936 | 0.96 | 0.85 | 1.08 |
| 51 to 60; 50+ | -0.22 | 0.10 | 0.0260 | 0.80 | 0.66 | 0.97 |
| 61+; 12 to 17 (RC) | 0.00 | 0.00 | | 1.00 | 1.00 | 1.00 |

(continued)

Table A.4.7 Unweighted Logistic Regression of Respondent Reporting Lifetime Nonmedical Use of Pain Relievers: 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 | 0.13 | 0.05 | 0.0062 | 1.14 | 1.04 | 1.26 |
| 61+; 26 to 34 | 0.05 | 0.06 | 0.4557 | 1.05 | 0.93 | 1.19 |
| 61+; 35 to 49 | -0.06 | 0.06 | 0.3114 | 0.94 | 0.84 | 1.06 |
| 61+; 50+ | -0.06 | 0.10 | 0.5118 | 0.94 | 0.77 | 1.14 |
| Interviewer Gender by Respondent Gender | | | | | | |
| 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 | -0.01 | 0.02 | 0.5730 | 0.99 | 0.94 | 1.03 |
| Interviewer Race/Ethnicity by Respondent Race/Ethnicity | | | | | | |
| 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 | -0.11 | 0.05 | 0.0160 | 0.89 | 0.82 | 0.98 |
| Black, Non-Hispanic; Other Non-Hispanic | -0.35 | 0.08 | 0.0000 | 0.70 | 0.60 | 0.83 |
| Black, Non-Hispanic; Hispanic | -0.36 | 0.06 | 0.0000 | 0.70 | 0.62 | 0.79 |
| Other, Non-Hispanic; White, Non-Hispanic (RC) | 0.00 | 0.00 | | 1.00 | 1.00 | 1.00 |
| Other, Non-Hispanic; Black Non-Hispanic | -0.03 | 0.19 | 0.8728 | 0.97 | 0.67 | 1.41 |
| Other, Non-Hispanic; Other Non-Hispanic | -0.30 | 0.10 | 0.0017 | 0.74 | 0.61 | 0.89 |
| Other, Non-Hispanic; Hispanic | -0.20 | 0.12 | 0.0983 | 0.82 | 0.65 | 1.04 |
| Hispanic; White, Non-Hispanic (RC) | 0.00 | 0.00 | | 1.00 | 1.00 | 1.00 |
| Hispanic; Black Non-Hispanic | -0.30 | 0.07 | 0.0001 | 0.74 | 0.64 | 0.86 |
| Hispanic; Other Non-Hispanic | -0.29 | 0.07 | 0.0001 | 0.75 | 0.65 | 0.87 |
| Hispanic; Hispanic | -0.55 | 0.04 | 0.0000 | 0.58 | 0.53 | 0.63 |
| Cumulative Interview Count | | | | | | |
| 1 to 19 (RC) | 0.00 | 0.00 | | 1.00 | 1.00 | 1.00 |
| 20 to 39 | -0.03 | 0.07 | 0.6529 | 0.97 | 0.84 | 1.11 |
| 40 to 59 | -0.07 | 0.07 | 0.3630 | 0.94 | 0.81 | 1.08 |
| 60 to 99 | -0.05 | 0.06 | 0.4366 | 0.95 | 0.84 | 1.08 |
| 100 to 249 | -0.16 | 0.06 | 0.0045 | 0.85 | 0.76 | 0.95 |
| 250 to 499 | -0.22 | 0.06 | 0.0001 | 0.80 | 0.72 | 0.90 |
| 500 to 749 | -0.39 | 0.07 | 0.0000 | 0.68 | 0.59 | 0.78 |
| 750 to 999 | -0.46 | 0.12 | 0.0002 | 0.63 | 0.50 | 0.80 |
| 1,000+ | -0.47 | 0.14 | 0.0009 | 0.62 | 0.47 | 0.82 |

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Table A.4.7 Unweighted Logistic Regression of Respondent Reporting Lifetime Nonmedical Use of Pain Relievers: 2002 to 2007, Aged 12 or Older, Categorical Experience (continued)

| Variable | Coefficient | Standard Error | P Value | Odds Ratio | Lower 95% OR | Upper 95% OR |
|---|--------------------|-----------------------|----------------|-------------------|---------------------|---------------------|
| Year | | | | | | |
| 2002 (RC) | 0.00 | 0.00 | | 1.00 | 1.00 | 1.00 |
| 2003 | 0.03 | 0.18 | 0.8863 | 1.03 | 0.73 | 1.45 |
| 2004 | 0.08 | 0.15 | 0.6097 | 1.08 | 0.80 | 1.47 |
| 2005 | -0.06 | 0.16 | 0.7211 | 0.94 | 0.69 | 1.29 |
| 2006 | 0.01 | 0.17 | 0.9406 | 1.01 | 0.73 | 1.41 |
| 2007 | 0.26 | 0.18 | 0.1460 | 1.29 | 0.91 | 1.83 |
| Year by Cumulative Interview Count | | | | | | |
| 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 | 0.02 | 0.11 | 0.8841 | 1.02 | 0.83 | 1.25 |
| 2003; 40 to 59 | 0.08 | 0.11 | 0.4642 | 1.09 | 0.87 | 1.36 |
| 2003; 60 to 99 | -0.07 | 0.10 | 0.4458 | 0.93 | 0.77 | 1.12 |
| 2003; 100 to 249 | 0.12 | 0.09 | 0.1527 | 1.13 | 0.96 | 1.34 |
| 2003; 250 to 499 | 0.09 | 0.09 | 0.2701 | 1.10 | 0.93 | 1.30 |
| 2003; 500 to 749 | 0.21 | 0.10 | 0.0329 | 1.24 | 1.02 | 1.51 |
| 2003; 750 to 999 | 0.07 | 0.15 | 0.6245 | 1.08 | 0.80 | 1.44 |
| 2003; 1,000+ | 0.16 | 0.18 | 0.3687 | 1.17 | 0.83 | 1.67 |
| 2004; 1 to 19 (RC) | 0.00 | 0.00 | | 1.00 | 1.00 | 1.00 |
| 2004; 20 to 39 | 0.07 | 0.11 | 0.5516 | 1.07 | 0.86 | 1.33 |
| 2004; 40 to 59 | 0.10 | 0.11 | 0.3635 | 1.10 | 0.89 | 1.36 |
| 2004; 60 to 99 | 0.10 | 0.09 | 0.2733 | 1.11 | 0.92 | 1.33 |
| 2004; 100 to 249 | 0.20 | 0.08 | 0.0124 | 1.23 | 1.05 | 1.44 |
| 2004; 250 to 499 | 0.17 | 0.08 | 0.0244 | 1.19 | 1.02 | 1.38 |
| 2004; 500 to 749 | 0.34 | 0.09 | 0.0004 | 1.40 | 1.16 | 1.68 |
| 2004; 750 to 999 | 0.35 | 0.14 | 0.0099 | 1.42 | 1.09 | 1.86 |
| 2004; 1,000+ | 0.33 | 0.16 | 0.0431 | 1.39 | 1.01 | 1.93 |
| 2005; 1 to 19 (RC) | 0.00 | 0.00 | | 1.00 | 1.00 | 1.00 |
| 2005; 20 to 39 | 0.07 | 0.10 | 0.4674 | 1.08 | 0.88 | 1.31 |
| 2005; 40 to 59 | -0.01 | 0.11 | 0.9134 | 0.99 | 0.80 | 1.22 |
| 2005; 60 to 99 | -0.06 | 0.10 | 0.5632 | 0.95 | 0.78 | 1.14 |
| 2005; 100 to 249 | 0.10 | 0.08 | 0.2210 | 1.11 | 0.94 | 1.31 |
| 2005; 250 to 499 | 0.17 | 0.08 | 0.0331 | 1.19 | 1.01 | 1.40 |
| 2005; 500 to 749 | 0.30 | 0.10 | 0.0017 | 1.35 | 1.12 | 1.63 |
| 2005; 750 to 999 | 0.35 | 0.14 | 0.0121 | 1.42 | 1.08 | 1.87 |
| 2005; 1,000+ | 0.28 | 0.16 | 0.0706 | 1.33 | 0.98 | 1.80 |
| 2006; 1 to 19 (RC) | 0.00 | 0.00 | | 1.00 | 1.00 | 1.00 |
| 2006; 20 to 39 | -0.09 | 0.11 | 0.4122 | 0.92 | 0.75 | 1.13 |
| 2006; 40 to 59 | 0.02 | 0.11 | 0.8670 | 1.02 | 0.82 | 1.27 |
| 2006; 60 to 99 | -0.01 | 0.10 | 0.8764 | 0.99 | 0.82 | 1.19 |
| 2006; 100 to 249 | 0.07 | 0.08 | 0.3831 | 1.08 | 0.91 | 1.27 |

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Table A.4.7 Unweighted Logistic Regression of Respondent Reporting Lifetime Nonmedical Use of Pain Relievers: 2002 to 2007, Aged 12 or Older, Categorical Experience (continued)

| Variable | Coefficient | Standard Error | P Value | Odds Ratio | Lower 95% OR | Upper 95% OR |
|--------------------|--------------------|-----------------------|----------------|-------------------|---------------------|---------------------|
| 2006; 250 to 499 | 0.16 | 0.08 | 0.0552 | 1.17 | 1.00 | 1.38 |
| 2006; 500 to 749 | 0.25 | 0.10 | 0.0091 | 1.28 | 1.06 | 1.55 |
| 2006; 750 to 999 | 0.24 | 0.14 | 0.0800 | 1.27 | 0.97 | 1.67 |
| 2006; 1,000+ | 0.29 | 0.15 | 0.0610 | 1.33 | 0.99 | 1.80 |
| 2007; 1 to 19 (RC) | 0.00 | 0.00 | | 1.00 | 1.00 | 1.00 |
| 2007; 20 to 39 | 0.03 | 0.11 | 0.7722 | 1.03 | 0.84 | 1.27 |
| 2007; 40 to 59 | -0.06 | 0.11 | 0.6060 | 0.94 | 0.75 | 1.18 |
| 2007; 60 to 99 | -0.10 | 0.11 | 0.3669 | 0.91 | 0.74 | 1.12 |
| 2007; 100 to 249 | 0.03 | 0.09 | 0.7649 | 1.03 | 0.86 | 1.23 |
| 2007; 250 to 499 | 0.12 | 0.09 | 0.1688 | 1.13 | 0.95 | 1.35 |
| 2007; 500 to 749 | 0.26 | 0.10 | 0.0120 | 1.29 | 1.06 | 1.58 |
| 2007; 750 to 999 | 0.25 | 0.14 | 0.0798 | 1.28 | 0.97 | 1.69 |
| 2007; 1,000+ | 0.24 | 0.16 | 0.1235 | 1.27 | 0.94 | 1.74 |

RC = reference category.

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