

TABLE 1
Trends in Prevalence of Use of Cigarettes in Grades 8, 10, and 12
 (Entries are percentages.)

| | <u>1975</u> | <u>1976</u> | <u>1977</u> | <u>1978</u> | <u>1979</u> | <u>1980</u> | <u>1981</u> | <u>1982</u> | <u>1983</u> | <u>1984</u> | <u>1985</u> | <u>1986</u> | <u>1987</u> | <u>1988</u> | <u>1989</u> | <u>1990</u> | <u>1991</u> |
|--------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Lifetime | | | | | | | | | | | | | | | | | |
| 8th Grade | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 44.0 |
| 10th Grade | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 55.1 |
| 12th Grade | 73.6 | 75.4 | 75.7 | 75.3 | 74.0 | 71.0 | 71.0 | 70.1 | 70.6 | 69.7 | 68.8 | 67.6 | 67.2 | 66.4 | 65.7 | 64.4 | 63.1 |
| 30-Day | | | | | | | | | | | | | | | | | |
| 8th Grade | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 14.3 |
| 10th Grade | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 20.8 |
| 12th Grade | 36.7 | 38.8 | 38.4 | 36.7 | 34.4 | 30.5 | 29.4 | 30.0 | 30.3 | 29.3 | 30.1 | 29.6 | 29.4 | 28.7 | 28.6 | 29.4 | 28.3 |
| Daily | | | | | | | | | | | | | | | | | |
| 8th Grade | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 7.2 |
| 10th Grade | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 12.6 |
| 12th Grade | 26.9 | 28.8 | 28.8 | 27.5 | 25.4 | 21.3 | 20.3 | 21.1 | 21.2 | 18.7 | 19.5 | 18.7 | 18.7 | 18.1 | 18.9 | 19.1 | 18.5 |
| 1/2 Pack+ per Day | | | | | | | | | | | | | | | | | |
| 8th Grade | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 3.1 |
| 10th Grade | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 6.5 |
| 12th Grade | 17.9 | 19.2 | 19.4 | 18.8 | 16.5 | 14.3 | 13.5 | 14.2 | 13.8 | 12.3 | 12.5 | 11.4 | 11.4 | 10.6 | 11.2 | 11.3 | 10.7 |
| Approximate Ns | | | | | | | | | | | | | | | | | |
| 8th Grade | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 17,500 |
| 10th Grade | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 14,800 |
| 12th Grade | 9,400 | 15,400 | 17,100 | 17,800 | 15,500 | 15,900 | 17,500 | 17,700 | 16,300 | 15,900 | 16,000 | 15,200 | 16,300 | 16,300 | 16,700 | 15,200 | 15,000 |

Cont. →

Source. The Monitoring the Future study, the University of Michigan.

Notes. Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. "—" indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence estimates for the two most recent years is due to rounding.

(Table continued on next page.)

TABLE 1 (cont.)
Trends in Prevalence of Use of Cigarettes in Grades 8, 10, and 12
(Entries are percentages.)

| | <u>1992</u> | <u>1993</u> | <u>1994</u> | <u>1995</u> | <u>1996</u> | <u>1997</u> | <u>1998</u> | <u>1999</u> | <u>2000</u> | <u>2001</u> | <u>2002</u> | <u>2003</u> | <u>2004</u> | <u>2005</u> | <u>2006</u> | <u>2007</u> | <u>2008</u> | <u>2009</u> | 2008– 2009 <u>change</u> |
|--------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------------------|
| Lifetime | | | | | | | | | | | | | | | | | | | |
| 8th Grade | 45.2 | 45.3 | 46.1 | 46.4 | 49.2 | 47.3 | 45.7 | 44.1 | 40.5 | 36.6 | 31.4 | 28.4 | 27.9 | 25.9 | 24.6 | 22.1 | 20.5 | 20.1 | -0.3 |
| 10th Grade | 53.5 | 56.3 | 56.9 | 57.6 | 61.2 | 60.2 | 57.7 | 57.6 | 55.1 | 52.8 | 47.4 | 43.0 | 40.7 | 38.9 | 36.1 | 34.6 | 31.7 | 32.7 | [+1.4] |
| 12th Grade | 61.8 | 61.9 | 62.0 | 64.2 | 63.5 | 65.4 | 65.3 | 64.6 | 62.5 | 61.0 | 57.2 | 53.7 | 52.8 | 50.0 | 47.1 | 46.2 | 44.7 | 43.6 | -1.1 |
| 30-Day | | | | | | | | | | | | | | | | | | | |
| 8th Grade | 15.5 | 16.7 | 18.6 | 19.1 | 21.0 | 19.4 | 19.1 | 17.5 | 14.6 | 12.2 | 10.7 | 10.2 | 9.2 | 9.3 | 8.7 | 7.1 | 6.8 | 6.5 | -0.4 |
| 10th Grade | 21.5 | 24.7 | 25.4 | 27.9 | 30.4 | 29.8 | 27.6 | 25.7 | 23.9 | 21.3 | 17.7 | 16.7 | 16.0 | 14.9 | 14.5 | 14.0 | 12.3 | 13.1 | [+1.1] |
| 12th Grade | 27.8 | 29.9 | 31.2 | 33.5 | 34.0 | 36.5 | 35.1 | 34.6 | 31.4 | 29.5 | 26.7 | 24.4 | 25.0 | 23.2 | 21.6 | 21.6 | 20.4 | 20.1 | -0.3 |
| Daily | | | | | | | | | | | | | | | | | | | |
| 8th Grade | 7.0 | 8.3 | 8.8 | 9.3 | 10.4 | 9.0 | 8.8 | 8.1 | 7.4 | 5.5 | 5.1 | 4.5 | 4.4 | 4.0 | 4.0 | 3.0 | 3.1 | 2.7 | -0.4 |
| 10th Grade | 12.3 | 14.2 | 14.6 | 16.3 | 18.3 | 18.0 | 15.8 | 15.9 | 14.0 | 12.2 | 10.1 | 8.9 | 8.3 | 7.5 | 7.6 | 7.2 | 5.9 | 6.3 | [+0.6] |
| 12th Grade | 17.2 | 19.0 | 19.4 | 21.6 | 22.2 | 24.6 | 22.4 | 23.1 | 20.6 | 19.0 | 16.9 | 15.8 | 15.6 | 13.6 | 12.2 | 12.3 | 11.4 | 11.2 | -0.2 |
| 1/2 Pack+ per Day | | | | | | | | | | | | | | | | | | | |
| 8th Grade | 2.9 | 3.5 | 3.6 | 3.4 | 4.3 | 3.5 | 3.6 | 3.3 | 2.8 | 2.3 | 2.1 | 1.8 | 1.7 | 1.7 | 1.5 | 1.1 | 1.2 | 1.0 | -0.2 |
| 10th Grade | 6.0 | 7.0 | 7.6 | 8.3 | 9.4 | 8.6 | 7.9 | 7.6 | 6.2 | 5.5 | 4.4 | 4.1 | 3.3 | 3.1 | 3.3 | 2.7 | 2.0 | 2.4 | [+0.4] |
| 12th Grade | 10.0 | 10.9 | 11.2 | 12.4 | 13.0 | 14.3 | 12.6 | 13.2 | 11.3 | 10.3 | 9.1 | 8.4 | 8.0 | 6.9 | 5.9 | 5.7 | 5.4 | 5.0 | -0.4 |
| Approximate Ns | | | | | | | | | | | | | | | | | | | |
| 8th Grade | 18,600 | 18,300 | 17,300 | 17,500 | 17,800 | 18,600 | 18,100 | 16,700 | 16,700 | 16,200 | 15,100 | 16,500 | 17,000 | 16,800 | 16,500 | 16,100 | 15,700 | 15,000 | |
| 10th Grade | 14,800 | 15,300 | 15,800 | 17,000 | 15,600 | 15,500 | 15,000 | 13,600 | 14,300 | 14,000 | 14,300 | 15,800 | 16,400 | 16,200 | 16,200 | 16,100 | 15,100 | 15,900 | |
| 12th Grade | 15,800 | 16,300 | 15,400 | 15,400 | 14,300 | 15,400 | 15,200 | 13,600 | 12,800 | 12,800 | 12,900 | 14,600 | 14,600 | 14,700 | 14,200 | 14,500 | 14,000 | 13,700 | |

Notes. “[]” indicates that because we believe the 2008–2009 observed changes based on the total samples to be inaccurate for this variable for 10th grade,

the change derived from the matched half-sample of schools participating in both years has been substituted here. See text.

Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. “—” indicates data not available.

Any apparent inconsistency between the change estimate and the prevalence estimates for the two most recent years is due to rounding.