

**TABLE 1**  
**Trends in Prevalence of Use of Cigarettes for Eighth, Tenth, and Twelfth Graders**



|                          | <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> |
|--------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Lifetime</b>          |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |
| 8th Grade                | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           |
| 10th Grade               | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           |
| 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        |
| <b>Thirty-Day</b>        |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |
| 8th Grade                | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           |
| 10th Grade               | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           |
| 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        |
| <b>Daily</b>             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |
| 8th Grade                | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           |
| 10th Grade               | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           |
| 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        |
| <b>1/2 Pack+ per Day</b> |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |
| 8th Grade                | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           |
| 10th Grade               | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           |
| 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        |
| <b>Approx. Ns:</b>       |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |
| 8th Grade                | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           |
| 10th Grade               | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           | —           |
| 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      |

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 of use estimates for the two most recent classes is due to rounding error.

SOURCE: The Monitoring the Future Study, the University of Michigan.

**TABLE 1 (cont'd)**  
**Trends in Prevalence of Use of Cigarettes for Eighth, Tenth, and Twelfth Graders**

|                          | 1991   | 1992   | 1993   | 1994   | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   | '04-'05<br>change |
|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------------|
| <b>Lifetime</b>          |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |                   |
| 8th Grade                | 44.0   | 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   | -2.0 s            |
| 10th Grade               | 55.1   | 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   | -1.7              |
| 12th Grade               | 63.1   | 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   | -2.8 s            |
| <b>Thirty-Day</b>        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |                   |
| 8th Grade                | 14.3   | 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    | +0.1              |
| 10th Grade               | 20.8   | 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   | -1.0              |
| 12th Grade               | 28.3   | 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   | -1.8              |
| <b>Daily</b>             |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |                   |
| 8th Grade                | 7.2    | 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    | -0.3              |
| 10th Grade               | 12.6   | 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    | -0.7              |
| 12th Grade               | 18.5   | 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   | -1.9 s            |
| <b>1/2 Pack+ per Day</b> |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |                   |
| 8th Grade                | 3.1    | 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    | -0.1              |
| 10th Grade               | 6.5    | 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    | -0.2              |
| 12th Grade               | 10.7   | 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    | -1.1 s            |
| <b>Approx. Ns:</b>       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |                   |
| 8th Grade                | 17,500 | 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 |                   |
| 10th Grade               | 14,800 | 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 |                   |
| 12th Grade               | 15,000 | 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 |                   |

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001.

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