

TABLE 2

Cigarettes: Trends in Thirty-Day Prevalence of Use by Subgroups for Eighth and Tenth Graders

| | Percentage who used in last thirty days | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|--|------|------|------|------|------|------|------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------|
| | 8th Grade | | | | | | | | | | | | | 10th Grade | | | | | | | | | | | | | | |
| | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | '02-'03 change | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | '02-'03 change |
| | <i>Approx. N = 17500 18600 18300 17300 17500 17800 18600 18100 16700 16700 16200 15100 16500</i> | | | | | | | | | | | | | <i>14800 14800 15300 15800 17000 15600 15500 15000 13600 14300 14000 14300 15800</i> | | | | | | | | | | | | | | |
| Total | 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 | -0.5 | 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 | -1.0 |
| Sex: | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Male | 15.5 | 14.9 | 17.2 | 19.3 | 18.8 | 20.6 | 19.1 | 18.0 | 16.7 | 14.3 | 12.2 | 11.0 | 9.6 | -1.4 | 20.8 | 20.6 | 24.6 | 26.6 | 27.7 | 30.1 | 28.2 | 26.2 | 25.2 | 23.8 | 20.9 | 16.7 | 16.2 | -0.5 |
| Female | 13.1 | 15.9 | 16.3 | 17.9 | 19.0 | 21.1 | 19.5 | 19.8 | 17.7 | 14.7 | 12.0 | 10.4 | 10.6 | +0.3 | 20.7 | 22.2 | 24.5 | 23.9 | 27.9 | 30.8 | 31.1 | 29.1 | 25.8 | 23.6 | 21.5 | 18.6 | 17.0 | -1.6 |
| College Plans: | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| None or under 4 years | 29.2 | 31.9 | 34.1 | 36.6 | 36.5 | 39.2 | 40.0 | 40.1 | 40.3 | 34.7 | 30.0 | 29.3 | 27.8 | -1.5 | 36.5 | 35.0 | 41.9 | 42.2 | 46.3 | 46.2 | 47.2 | 45.2 | 44.0 | 38.6 | 38.1 | 33.3 | 33.0 | -0.3 |
| Complete 4 years | 11.8 | 13.1 | 14.3 | 16.1 | 16.8 | 18.2 | 16.9 | 16.5 | 14.5 | 12.2 | 10.0 | 8.9 | 8.3 | -0.6 | 17.3 | 18.6 | 21.0 | 21.7 | 24.7 | 27.8 | 26.8 | 24.5 | 22.7 | 21.5 | 18.5 | 15.1 | 14.0 | -1.1 |
| Region: | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Northeast | 13.7 | 14.4 | 15.0 | 17.8 | 18.6 | 22.1 | 18.0 | 15.6 | 15.7 | 13.7 | 11.4 | 9.1 | 7.7 | -1.4 | 22.4 | 21.9 | 27.1 | 24.5 | 27.8 | 31.7 | 29.3 | 30.1 | 28.0 | 23.9 | 18.1 | 15.9 | 16.6 | +0.7 |
| North Central | 15.5 | 16.5 | 16.3 | 18.5 | 20.9 | 23.2 | 20.0 | 22.3 | 21.3 | 17.1 | 12.0 | 11.0 | 12.2 | +1.2 | 22.9 | 24.3 | 26.0 | 28.8 | 30.1 | 32.5 | 31.7 | 29.5 | 30.2 | 27.1 | 24.2 | 19.2 | 18.4 | -0.9 |
| South | 15.7 | 17.0 | 18.2 | 19.5 | 19.4 | 21.1 | 21.0 | 21.1 | 18.7 | 14.7 | 14.3 | 13.0 | 11.7 | -1.3 | 21.2 | 19.8 | 24.0 | 25.7 | 30.8 | 33.4 | 32.2 | 29.8 | 26.3 | 25.5 | 23.5 | 19.6 | 18.2 | -1.3 |
| West | 10.0 | 12.2 | 16.4 | 18.0 | 16.5 | 17.1 | 17.1 | 15.1 | 12.1 | 12.2 | 9.3 | 7.5 | 7.0 | -0.5 | 16.7 | 20.2 | 21.2 | 20.1 | 19.6 | 20.8 | 23.2 | 19.6 | 17.5 | 16.8 | 15.0 | 14.1 | 12.5 | -1.6 |
| Population Density: | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Large MSA | 12.8 | 15.0 | 14.1 | 15.5 | 16.5 | 19.4 | 15.8 | 16.4 | 12.7 | 12.1 | 9.3 | 7.5 | 7.7 | +0.2 | 19.7 | 21.6 | 22.5 | 22.3 | 23.3 | 26.2 | 26.6 | 22.5 | 22.9 | 23.1 | 17.3 | 14.2 | 13.1 | -1.1 |
| Other MSA | 14.9 | 15.3 | 17.8 | 20.7 | 19.4 | 21.4 | 19.7 | 17.7 | 16.0 | 13.1 | 11.6 | 10.6 | 9.8 | -0.8 | 20.3 | 20.3 | 23.8 | 26.3 | 28.9 | 31.1 | 28.9 | 26.6 | 25.0 | 21.3 | 20.5 | 17.6 | 16.6 | -1.0 |
| Non-MSA | 14.8 | 16.4 | 17.9 | 17.8 | 21.5 | 22.1 | 22.8 | 24.8 | 26.1 | 21.1 | 16.9 | 14.9 | 14.4 | -0.6 | 22.7 | 23.7 | 28.2 | 26.7 | 31.3 | 33.9 | 34.9 | 35.7 | 30.4 | 29.4 | 27.6 | 22.6 | 22.4 | -0.2 |
| Parental Education: ^a | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.0-2.0 (Low) | 26.2 | 24.1 | 23.3 | 26.1 | 25.3 | 26.5 | 26.9 | 26.7 | 26.6 | 22.0 | 20.3 | 20.3 | 17.5 | -2.7 | 23.5 | 28.4 | 29.5 | 26.4 | 30.9 | 28.7 | 28.2 | 28.0 | 30.5 | 29.3 | 22.5 | 21.4 | 23.4 | +2.0 |
| 2.5-3.0 | 16.4 | 16.9 | 19.8 | 20.6 | 22.7 | 24.4 | 22.4 | 23.9 | 23.5 | 19.6 | 16.4 | 14.5 | 14.8 | +0.3 | 24.1 | 23.3 | 28.0 | 29.1 | 33.2 | 33.8 | 33.2 | 33.0 | 29.6 | 26.8 | 25.7 | 22.4 | 21.2 | -1.2 |
| 3.5-4.0 | 13.9 | 14.9 | 17.4 | 20.1 | 20.8 | 21.4 | 20.9 | 21.4 | 17.0 | 14.7 | 12.6 | 10.5 | 9.6 | -0.9 | 20.4 | 20.6 | 24.8 | 26.0 | 27.8 | 31.6 | 30.9 | 27.3 | 26.0 | 25.3 | 21.1 | 17.4 | 16.2 | -1.1 |
| 4.5-5.0 | 10.1 | 13.3 | 12.5 | 14.9 | 14.9 | 18.4 | 16.2 | 14.2 | 12.3 | 10.2 | 8.3 | 7.8 | 6.7 | -1.1 | 18.5 | 19.5 | 20.1 | 22.6 | 25.9 | 28.7 | 28.5 | 25.7 | 22.4 | 21.2 | 18.9 | 15.1 | 13.4 | -1.7 |
| 5.5-6.0 (High) | 11.3 | 11.5 | 13.3 | 15.1 | 14.5 | 17.3 | 15.3 | 13.8 | 12.2 | 9.8 | 6.9 | 5.8 | 6.0 | +0.1 | 18.5 | 18.9 | 21.4 | 20.7 | 21.8 | 27.8 | 24.6 | 22.5 | 21.4 | 19.1 | 17.1 | 12.7 | 11.6 | -1.1 |
| Race (2-year average): ^b | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| White | — | 16.2 | 17.8 | 18.9 | 20.7 | 22.7 | 22.8 | 21.5 | 20.1 | 17.7 | 14.7 | 12.0 | 10.9 | -1.1 | — | 24.1 | 26.0 | 27.8 | 29.7 | 32.9 | 34.4 | 33.2 | 30.8 | 28.2 | 25.7 | 22.4 | 20.0 | -2.5s |
| Black | — | 5.3 | 6.6 | 8.7 | 8.9 | 9.6 | 10.9 | 10.6 | 10.7 | 9.6 | 8.2 | 7.7 | 6.9 | -0.8 | — | 6.6 | 7.5 | 9.8 | 11.5 | 12.2 | 12.8 | 13.7 | 12.5 | 11.1 | 11.1 | 9.8 | 8.9 | -0.9 |
| Hispanic | — | 16.7 | 18.3 | 21.3 | 21.6 | 19.6 | 19.1 | 20.1 | 20.5 | 16.6 | 13.0 | 12.7 | 11.9 | -0.9 | — | 18.3 | 20.5 | 19.4 | 21.4 | 23.7 | 23.0 | 21.3 | 21.1 | 19.6 | 16.8 | 14.3 | 13.2 | -1.1 |

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.

^aParental education is an average score of mother's education and father's education.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.