

**TABLE 5**  
**CIGARETTES: Trends in 30-Day Prevalence of Use by Subgroups in Grade 8**

	Percentage who used in last 30 days															
	<u>1991</u>	<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>	
<i>Approximate weighted N =</i>	<i>17,500</i>	<i>18,600</i>	<i>18,300</i>	<i>17,300</i>	<i>17,500</i>	<i>17,800</i>	<i>18,600</i>	<i>18,100</i>	<i>16,700</i>	<i>16,700</i>	<i>16,200</i>	<i>15,100</i>	<i>16,500</i>	<i>17,000</i>	<i>16,800</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	9.2	9.3	
Gender:																
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	8.3	8.7	
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	9.9	9.7	
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	25.6	26.7	
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	7.4	7.4	
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	7.2	7.8	
Midwest	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	10.8	9.5	
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	10.3	11.6	
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	7.4	6.3	
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	7.7	6.7	
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	8.9	9.8	
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	11.6	11.8	
Parental Education: <sup>a</sup>																
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	15.8	16.6	
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	12.2	13.4	
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	9.6	10.5	
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	6.7	5.9	
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	5.2	4.3	
Race/Ethnicity (2-year average): <sup>b</sup>																
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	10.0	9.4	
African American	—	5.3	6.6	8.7	8.9	9.6	10.9	10.6	10.7	9.6	8.2	7.7	6.9	6.9	7.1	
Hispanic	—	16.7	18.3	21.3	21.6	19.6	19.1	20.1	20.5	16.6	13.0	12.8	11.9	10.1	9.0	

Table continued on next page.

**TABLE 5 (cont.)**  
**CIGARETTES: Trends in 30-Day Prevalence of Use by Subgroups in Grade 8**

	Percentage who used in last 30 days											2015-2016 change
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	
<i>Approximate weighted N =</i>	16,500	16,100	15,700	15,000	15,300	16,000	15,100	14,600	14,600	14,400	16,900	
Total	8.7	7.1	6.8	6.5	7.1	6.1	4.9	4.5	4.0	3.6	2.6	-1.0 ss
Gender:												
Male	8.1	7.5	6.7	6.7	7.4	6.2	4.6	4.0	3.5	3.3	2.5	-0.8
Female	8.9	6.4	6.7	6.0	6.8	5.7	4.9	4.7	4.2	3.7	2.6	-1.0 s
College Plans:												
None or under 4 years	23.2	23.9	21.1	19.5	22.8	18.2	17.3	15.0	13.1	11.7	9.9	-1.7
Complete 4 years	7.1	5.4	5.5	5.3	5.7	5.1	3.9	3.8	3.1	2.8	2.0	-0.9 ss
Region:												
Northeast	6.7	3.7	5.9	5.6	6.0	4.4	4.2	3.5	3.4	2.2	2.0	-0.1
Midwest	9.3	7.8	8.1	7.0	8.6	6.4	3.9	4.4	3.5	4.5	3.2	-1.3
South	10.9	8.6	7.7	7.7	8.5	6.8	6.9	5.8	4.6	4.0	3.0	-1.1 s
West	5.7	5.8	5.2	4.6	4.0	6.1	3.0	3.0	3.9	2.9	2.0	-0.9
Population Density:												
Large MSA	6.4	4.7	5.2	4.2	4.8	4.0	3.6	2.5	2.8	2.2	1.4	-0.8
Other MSA	8.8	7.6	7.5	6.9	7.6	7.0	5.1	4.3	3.7	3.5	2.3	-1.2 s
Non-MSA	11.6	9.5	7.9	8.5	9.2	7.7	6.9	8.0	6.6	5.9	5.6	-0.3
Parental Education: <sup>a</sup>												
1.0–2.0 (Low)	14.7	13.8	12.1	10.5	11.4	9.2	7.6	6.3	5.8	5.9	4.7	-1.3
2.5–3.0	12.5	10.2	8.7	8.8	10.2	9.8	7.4	6.5	6.2	4.6	3.6	-1.0
3.5–4.0	8.8	7.8	7.3	7.1	8.0	6.3	5.7	5.6	4.8	3.5	2.6	-0.9
4.5–5.0	5.5	3.9	4.7	4.4	4.9	3.9	3.0	2.4	2.6	2.5	2.0	-0.4
5.5–6.0 (High)	4.8	2.4	4.1	3.5	2.9	3.1	2.6	2.9	1.7	2.1	1.4	-0.7
Race/Ethnicity (2-year average): <sup>b</sup>												
White	9.3	8.1	7.2	7.3	7.6	7.2	5.8	4.7	4.4	4.2	3.4	-0.8 s
African American	6.0	5.1	4.6	4.4	4.3	4.1	4.0	3.5	2.6	2.2	2.1	-0.1
Hispanic	8.8	8.0	7.0	6.5	6.7	6.9	5.5	4.0	3.5	3.0	2.5	-0.5

*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. See Table S1 for the number of subgroup cases. See appendix B for definition of variables in table.

<sup>a</sup>Parental education is an average score of mother's education and father's education. See appendix B for details.

<sup>b</sup>To 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. See appendix B for details on how race/ethnicity is defined.