

**TABLE 5**  
**Trends in Attitudes about Regular Smokeless Tobacco Use for Grades 8, 10, and 12**  
 (Entries are percentages.)

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	Cont.
<b>Perceived Risk<sup>a</sup></b>																		
8th Grade	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	35.1
10th Grade	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	40.3
12th Grade	—	—	—	—	—	—	—	—	—	—	—	25.8	30.0	33.2	32.9	34.2	37.4	
<b>Disapproval<sup>b</sup></b>																		
8th Grade	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	79.1
10th Grade	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	75.4
<b>Approximate Ns</b>																		
8th Grade	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	17,500
10th Grade	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	14,800
12th Grade	—	—	—	—	—	—	—	—	—	—	—	3,000	3,300	3,300	2,800	2,600	2,600	

*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.

<sup>a</sup>The question text was: How much do you think people risk harming themselves (physically or in other ways) if they use smokeless tobacco regularly? Answer alternatives were: (1) No risk, (2) Slight risk, (3) Moderate risk, (4) Great risk, and (5) Can't say, drug unfamiliar. The percentage saying "great risk" is shown.

<sup>b</sup>The question text was: Do you disapprove of people using smokeless tobacco regularly? Answer alternatives were: (1) Don't disapprove, (2) Disapprove, and (3) Strongly disapprove. For 8th and 10th graders, there was another category—"Can't say, drug unfamiliar"—which was included in the calculation of these percentages. The percentage saying they "disapprove" or "strongly disapprove" is shown. This question was not asked of 12th graders.

(Table continued on next page.)

**TABLE 5 (cont.)**  
**Trends in Attitudes about Regular Smokeless Tobacco Use for 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 change
<b>Perceived Risk<sup>a</sup></b>																			
8th Grade	35.1	36.9	35.5	33.5	34.0	35.2	36.5	37.1	39.0	38.2	39.4	39.7	41.3	40.8	39.5	41.8	41.0	40.8	-0.2
10th Grade	39.6	44.2	42.2	38.2	41.0	42.2	42.8	44.2	46.7	46.2	46.9	48.0	47.8	46.1	45.9	46.7	48.0	44.7	[-0.9]
12th Grade	35.5	38.9	36.6	33.2	37.4	38.6	40.9	41.1	42.2	45.4	42.6	43.3	45.0	43.6	45.9	44.0	42.9	40.8	-2.1
<b>Disapproval<sup>b</sup></b>																			
8th Grade	77.2	77.1	75.1	74.0	74.1	76.5	76.3	78.0	79.2	79.4	80.6	80.7	81.0	82.0	81.0	82.3	82.1	81.5	-0.5
10th Grade	74.6	73.8	71.2	71.0	71.0	72.3	73.2	75.1	75.8	76.1	78.7	79.4	80.2	80.5	80.5	80.9	81.8	79.5	[-2.1] s
<b>Approximate Ns</b>																			
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	2,700	2,800	2,600	2,600	2,400	2,600	2,500	2,300	2,100	2,100	2,200	2,400	2,400	2,500	2,400	2,400	2,300	2,300	

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

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.

<sup>a</sup>The question text was: How much do you think people risk harming themselves (physically or in other ways) if they use smokeless tobacco regularly? Answer alternatives were: (1) No risk, (2) Slight risk, (3) Moderate risk, (4) Great risk, and (5) Can't say, drug unfamiliar. The percentage saying “great risk” is shown.

<sup>b</sup>The question text was: Do you disapprove of people using smokeless tobacco regularly? Answer alternatives were: (1) Don't disapprove, (2) Disapprove, and (3) Strongly disapprove. For 8th and 10th graders, there was another category—“Can't say, drug unfamiliar”—which was included in the calculation of these percentages. The percentage saying they “disapprove” or “strongly disapprove” is shown. This question was not asked of 12th graders.