Appendix B: Tables with Confidence Intervals

Table B-1. Percentage of Adults Who Smoke, Pennsylvania vs. United States, 1996-2006

	PA Smoking Prevalence	PA Smoking 95% Confidence Intervals	U.S. Median Smoking Prevalence
1996	24	22-26	23
1997	24	22-26	23
1998	24	22-26	23
1999	23	21-25	23
2000	24	22-26	23
2001	25	23-27	23
2002	25	24-26	23
2003	25	23-27	22
2004	23	22-24	21
2005	24	23-25	21
2006	22	20-23	20

Sources:

Behavioral Risk Factor Surveillance System, 1996-2006, Pennsylvania Department of Health, Bureau of Health Statistics and Research

U.S. Centers for Disease Control and Prevention, 1996-2006, www.cdc.gov/brfss.

Table B-2. Current Tobacco Use Among Middle School Students (Grades 6-8) Pennsylvania, 2000-2001, 2002-2003, and 2006-2007

	Cigaret	te Use (%)	Smokeless Tobacco (%)		Cigar Use (%)		Any Tobacco Use (%)	
	%	95% C.I.	%	95% C.I.	%	95% C.I.	%	95% C.I.
PA 2000-2001	13.1	± 2.1	4.4	± 1.1	6.3	± 2.0	16.9	± 2.2
Male	13.4	± 1.9	6.8	± 2.2	8.9	± 3.6	19.3	± 2.6
Female	12.7	± 2.8	1.8	± 1.2	3.5	± 1.4	14.3	± 2.2
PA 2002-2003	7.8	±1.1	2.8	± 0.5	3.4	± 1.5	12.4	± 1.3
Male	7.5	±1.3	4.5	± 0.9	4.5	± 0.8	13.2	± 1.5
Female	8.0	±1.3	1.0	± 0.5	2.2	± 0.7	11.4	± 1.5
PA 2006-2007	4.1	±1.6	1.9	±1.0	2.2	±1.1	7.3	±2.0
Male	4.0	±2.2	3.1	±2.1	2.2	±2.0	8.1	±3.4
Female	4.3	±2.2	0.7	±1.0	2.2	±1.6	6.3	±1.9
U.S. 2000-2001	11.0	± 1.2	3.6	± 0.9	7.1	± 1.0	15.1	± 1.5
Male	11.7	± 1.7	5.7	± 1.8	9.7	± 1.5	17.6	± 2.2
Female	10.2	± 1.3	1.5	± 0.3	4.6	± 0.8	12.7	± 1.5
U.S. 2002-2003	10.1	± 1.2	3.7	± 0.8	6.0	± 0.7	13.3	± 1.4
Male	10.2	± 1.3	5.6	± 1.3	7.9	± 1.1	14.8	± 1.6
Female	10.0	± 1.4	1.8	± 0.4	4.1	± 0.7	11.8	± 1.4

Sources:

Pennsylvania Youth Tobacco Survey, 2000-2001, 2002-2003, and 2006-2007, Pennsylvania Department of Health, Division of Tobacco Prevention and Control.

U.S. Centers for Disease Control and Prevention. CDC Surveillance Summaries, November 14, 2003. MMWR 2003; 52(45);1096-1098.

Note: Current tobacco use is defined as using cigarettes, smokeless tobacco, cigars, or other tobacco products on one or more days of the past 30 days prior to the survey. Any tobacco includes cigarettes, smokeless, cigars, pipes, bidis, and kreteks. Prevalence and confidence intervals were rounded to the nearest tenth.

Table B-3. Current Tobacco Use Among High School Students (Grades 9-12) Pennsylvania, 2000-2001, 2002-2003, and 2006-2007

	Cigaret	te Use (%)		ss Tobacco %) Cigar Use (%)		Use (%)	Any Tobacco Use (%)	
	%	95% C.I.	%	95% C.I.	%	95% C.I.	%	95% C.I.
PA 2000-2001	27.6	± 2.2	6.8	± 1.5	12.4	± 1.1	33.9	± 2.1
Male	26.9	± 2.5	12.3	± 2.4	17.6	± 1.9	36.8	± 2.6
Female	28.3	± 2.8	1.3	± 0.6	7.0	± 1.5	31.0	± 2.5
PA 2002-2003	23.1	±2.2	7.9	± 1.1	10.7	± 1.1	29.7	± 2.5
Male	22.4	±2.5	13.8	± 1.6	15.9	± 1.8	32.9	± 3.3
Female	23.8	±2.5	1.9	± 0.8	5.2	± 0.8	26.3	± 2.3
PA 2006-2007	17.5	±2.9	5.8	±2.2	10.1	±2.1	24.8	±3.2
Male	17.7	±4.3	10.3	±4.4	13.8	±3.6	29.0	±4.8
Female	17.3	±3.5	1.2	±1.5	6.3	±2.2	20.4	±3.4
U.S. 2000	28.0	± 1.7	6.6	± 0.9	14.8	± 1.1	34.5	± 1.9
Male	28.8	± 1.9	11.8	± 1.7	22.0	± 1.5	39.1	± 2.2
Female	27.3	± 2.0	1.4	± 0.4	7.3	± 0.9	29.8	± 1.9
U.S. 2002	22.9	± 1.6	6.1	± 1.1	11.6	± 0.9	28.4	± 1.7
Male	24.6	± 2.1	10.8	± 2.0	16.9	± 1.4	32.9	± 2.3
Female	21.2	± 1.8	1.4	± 0.4	6.2	± 0.9	23.9	± 1.8

Sources:

Pennsylvania Youth Tobacco Survey, 2000-2001, 2002-2003, and 2006-2007, Pennsylvania Department of Health, Division of Tobacco Prevention and Control.

U.S. Centers for Disease Control and Prevention. CDC Surveillance Summaries, November 14, 2003. MMWR 2003; 52(45);1096-1098.

Note: Current tobacco use is defined as using cigarettes, smokeless tobacco, cigars, or other tobacco products on one or more days of the past 30 days prior to the survey. Any tobacco includes cigarettes, smokeless, cigars, pipes, bidis, and kreteks. Prevalence and confidence intervals were rounded to the nearest tenth.

Table B-4. Results of Annual Synar* Compliance Checks of Tobacco Sales to Minors Pennsylvania, 1996-2006

	Illegal Sales Percent	95% Confidence Interval
1996	56%	38-62
1997	30%	24-36
1998	32%	26-36
1999	41%	36-46
2000	27%	23-31
2001	28%	24-32
2002	15%	12-18
2003	11%	9-13
2004	7%	5-9
2005	8%	6-10
2006	7%	5-9

Source: Synar Survey, 1996-2006, Pennsylvania Department of Health, Bureau of Health Statistics and Research.

Table B-5. Methods High School Students Used to Obtain Cigarettes Pennsylvania, 2000-2001, 2002-2003, 2006-2007

Method Used	2000- 2001 (%)	2000-2001 95% C.I.	2002- 2003 (%)	2002-2003 95% C.I.	2006- 2007 (%)	2006-2007 95% C.I.
From a store	39.8%	±3.0	29.9%	±3.4	21.3%	±5.3
From a vending machine	2.8%	±1.1	3.4%	±1.0	3.6%	±2.5
Gave money to another to buy them	19.5%	±2.2	24.4%	±2.2	31.1%	±5.5
Borrowed or "bummed" them	22.4%	±2.4	23.2%	±2.7	21.9%	±4.9
Given them by someone 18 or older	5.8%	±1.4	7.7%	±1.3	6.7%	±3.7
Took from a store or family member	2.8%	±1.1	3.3%	±1.2	4.3%	±3.0
Some other way	7%	±1.4	8.2%	±1.5	11.1%	±4.4

Source: Pennsylvania Youth Tobacco Survey, 2000-2001, 2002-2003, and 2006-2007, Pennsylvania Department of Health, Division of Tobacco Prevention and Control.

^{*} The Federal Synar Regulation requires that each state annually conduct random, unannounced inspections, using hired youth inspectors, to assess their compliance with the state's access law. States are required to meet annual target inspection failure rates established by the federal government. Failure to meet requirements of the Synar Regulation can result in a penalty of 40% of a state's substance abuse prevention and treatment block grant allocation.

Table B-6. Students Beliefs about Smoking Indoors or in Vehicles Pennsylvania, 2006-2007

	Middle School Students	M.S. 95% Confidence Interval.	High School Students	H.S. 95% Confidence Interval
Think people should never allow smoking in their home	84.7%	82.4-86.7%	78.8%	76.8-80.6%
Think people should never allow smoking in their vehicles	81.7%	79.4-83.9%	72.4%	68.9-75.6%
Think employers should never allow smoking places where people work	88.2%	86.6-89.7%	77.5%	74.9-79.8%
Think smoking should never be allowed in indoor public places	81.5%	79.3-83.4%	72.7%	69.5-75.7%

Source: Pennsylvania Youth Tobacco Survey, 2006-2007, Pennsylvania Department of Health, Division of Tobacco Control and Prevention.

Table B-7. Effects on High School Students of Other Smokers in the Household, Pennsylvania, 2006-2007

	No other smoker in household	95% Confidence Interval	Other smoker in household	95% Confidence Interval
Ever Smoked	30.9%	±5.8	57.2%	±4.5
Initiated before age 13	6.2%	±2.4	16.7%	±3.8
Current smoker	10.7%	±3.8	27.2%	±3.3
Every Day smoker	2.4%	±1.4	8.7%	±2.7

Source: Pennsylvania Youth Tobacco Survey, 2006-2007, Pennsylvania Department of Health, Division of Tobacco Control and Prevention.