

## CHAPTER 7: SMOKELESS TOBACCO USE

### Current Smokeless Tobacco Use in 2004

<b>Definition</b>	Used or tried any smokeless tobacco products and currently use chewing tobacco or snuff every day or on some days.
<b>Prevalence</b>	<b>WV: 8.1%</b> (95% CI: 6.9-9.4) in 2004. West Virginia ranked 2 <sup>nd</sup> highest among 14 BRFSS participants in 2004, the latest year for which data are available. (US prevalence is not available.)
<b>Time Trends</b>	From 1986 through 2004, the prevalence of this risk factor generally declined. Between 2003 and 2004, however, the trend reversed direction, moving up slightly from 7.7% in 2003 to 8.1% in 2004.
<b>Gender</b>	<b>Men:</b> 16.6% (95% CI: 14.1-19.0) in 2004 <b>Women:</b> 0.4% (95% CI: 0.0-0.7) in 2004 Smokeless tobacco use is overwhelmingly a male activity. Because changes in prevalence for the adult population almost exclusively reflect changes in men's behavior, this discussion will focus on men.
<b>Age</b>	As in many preceding years, the highest prevalence of smokeless tobacco use occurred among men aged 25-34 (24.7%). Males aged 65 and older were the least likely to use smokeless tobacco products (8.7%)
<b>Education</b>	The prevalence of smokeless tobacco use among men decreased as educational attainment increased. The prevalence was highest among those with less than a high school diploma (22.0%); they were at significantly more risk than college graduates at 9.5%.
<b>Household Income</b>	No significant differences were found by household income.

### WV HEALTHY PEOPLE 2010 OBJECTIVES

<b>Objective 27.7</b>	Reduce smokeless tobacco use among adult men aged 18+ to 13% or lower. (Baseline: 18% in 1998; Current: 16.6% in 2004)
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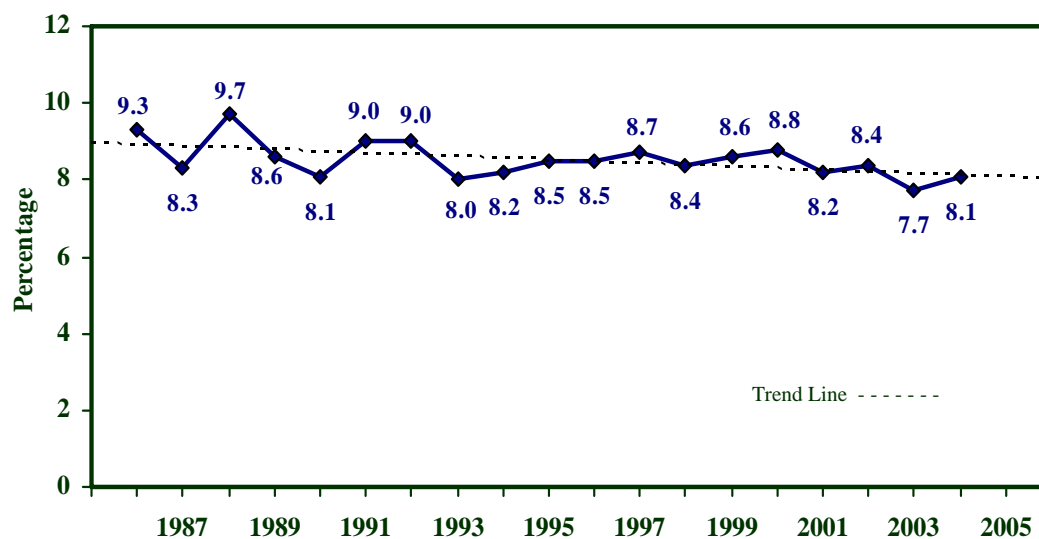
**Table 7.1 Current smokeless tobacco use by demographic characteristics: WVBRFSS, 2004**

Characteristic	Men			Women			Total		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
<b>TOTAL</b>	1,305	<b>16.6</b>	14.1-19.0	2,091	<b>* 0.4</b>	0.0-0.7	3,396	<b>8.1</b>	6.9-9.4
<b>Age</b>									
18-24	72	<b>*16.9</b>	6.9-26.9	112	(-)	(-)	184	<b>* 9.1</b>	3.7-14.6
25-34	178	<b>24.7</b>	17.6-31.8	280	(-)	(-)	458	<b>12.4</b>	8.6-16.2
35-44	236	<b>20.9</b>	15.3-26.5	355	(-)	(-)	591	<b>10.4</b>	7.5-13.4
45-54	294	<b>16.7</b>	11.8-21.6	397	(-)	(-)	691	<b>8.3</b>	5.8-10.9
55-64	253	<b>10.8</b>	6.7-15.0	375	(-)	(-)	628	<b>5.7</b>	3.5-7.8
65+	270	<b>8.7</b>	4.7-12.7	568	(-)	(-)	838	<b>3.7</b>	2.0-5.4
<b>Education</b>									
Less than H.S.	222	<b>22.0</b>	15.7-28.4	395	(-)	(-)	617	<b>10.4</b>	7.3-13.5
H.S. or G.E.D.	519	<b>20.7</b>	16.5-24.9	789	(-)	(-)	1,308	<b>10.5</b>	8.3-12.8
Some Post-H.S.	258	<b>11.5</b>	6.2-16.9	462	(-)	(-)	720	<b>5.5</b>	2.9-8.0
College Graduate	304	<b>9.5</b>	5.7-13.3	443	(-)	(-)	747	<b>4.6</b>	2.7-6.5
<b>Income</b>									
Less than \$15,000	166	<b>19.3</b>	10.4-28.3	457	(-)	(-)	623	<b>7.5</b>	3.8-11.3
\$15,000- 24,999	261	<b>19.7</b>	13.9-25.6	398	(-)	(-)	659	<b>10.1</b>	7.0-13.2
\$25,000- 34,999	161	<b>13.9</b>	7.5-20.3	250	(-)	(-)	411	<b>6.6</b>	3.4-9.7
\$35,000- 49,999	211	<b>20.6</b>	14.1-27.0	304	(-)	(-)	515	<b>10.1</b>	6.7-13.4
\$50,000- 74,999	211	<b>14.9</b>	9.2-20.6	229	(-)	(-)	440	<b>8.4</b>	5.1-11.7
\$75,000+	186	<b>12.7</b>	7.2-18.2	188	(-)	(-)	374	<b>7.2</b>	4.0-10.4

Note: The number of women reporting use of smokeless tobacco was too small for subgroup analysis.

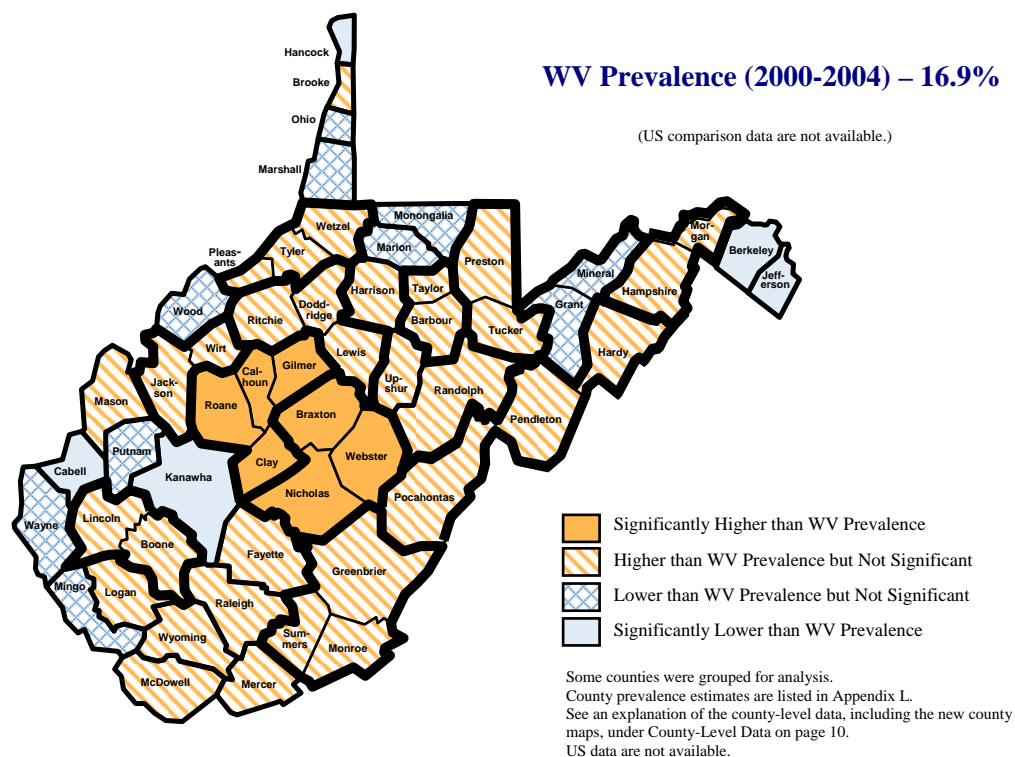
\* Use caution when interpreting and reporting this estimate. See discussion of unstable estimates on page 9.

**Figure 7.1 Current smokeless tobacco use by year: WVBRFSS, 1986-2004**



NOTE: Data are not available for the year 2005.

**Figure 7.2 Current male smokeless tobacco use by county: WVBRFSS, 2000-2004**



## Lifetime Smokeless Tobacco Use in 2004

### Definition

Responding “Yes” to the following question: “Have you ever used or tried any smokeless tobacco products such as chewing tobacco or snuff?”

**Table 7.2 Adults who have ever used smokeless tobacco by demographic characteristics: WVBRFSS, 2004**

Characteristic	Men			Women			Total		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
<b>TOTAL</b>	1,305	<b>48.4</b>	45.3-51.5	2,091	<b>4.8</b>	3.7-6.0	3,396	<b>25.7</b>	23.9-27.6
<b>Age</b>									
18-24	72	<b>*47.6</b>	35.1-60.1	112	<b>*10.8</b>	4.1-17.6	184	<b>29.6</b>	21.8-37.3
25-34	178	<b>61.3</b>	53.6-69.0	280	<b>6.3</b>	3.4-9.2	458	<b>33.9</b>	28.9-38.8
35-44	236	<b>55.5</b>	48.6-62.4	355	<b>3.9</b>	1.8-6.0	591	<b>29.4</b>	25.2-33.7
45-54	294	<b>46.6</b>	40.4-52.8	397	<b>4.2</b>	2.1-6.4	691	<b>25.0</b>	21.3-28.7
55-64	253	<b>42.8</b>	36.3-49.3	375	<b>*2.4</b>	0.7-4.1	628	<b>22.1</b>	18.4-25.8
65+	270	<b>36.7</b>	30.4-43.0	568	<b>3.4</b>	1.8-5.1	838	<b>17.1</b>	14.1-20.2
<b>Education</b>									
Less than H.S.	222	<b>54.0</b>	46.7-61.3	395	<b>7.6</b>	4.0-11.2	617	<b>27.9</b>	23.6-32.2
H.S. or G.E.D.	519	<b>51.7</b>	46.8-56.6	789	<b>3.7</b>	2.2-5.2	1,308	<b>28.0</b>	24.9-31.1
Some Post-H.S.	258	<b>47.9</b>	40.6-55.2	462	<b>5.9</b>	3.4-8.4	720	<b>25.2</b>	21.2-29.3
College Graduate	304	<b>38.4</b>	32.4-44.3	443	<b>*3.0</b>	0.9-5.1	747	<b>20.2</b>	16.9-23.5
<b>Income</b>									
Less than \$15,000	166	<b>49.8</b>	40.4-59.2	457	<b>5.5</b>	2.5-8.5	623	<b>22.6</b>	17.8-27.4
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\$35,000- 49,999	211	<b>56.8</b>	49.3-64.3	304	<b>3.3</b>	1.4-5.3	515	<b>29.5</b>	24.8-34.2
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\$75,000+	186	<b>35.7</b>	28.3-43.2	188	<b>*4.1</b>	0.4-7.7	374	<b>22.0</b>	17.2-26.8

\* Use caution when interpreting and reporting this estimate. See discussion of unstable estimates on page 9.