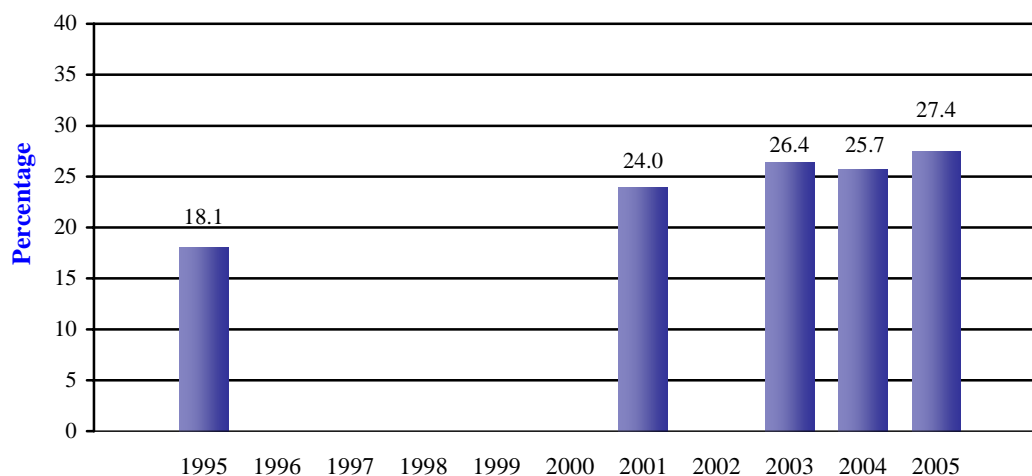


## CHAPTER 19: DISABILITY

### Disability in 2004 and 2005

<b>Definition</b>	Responding “Yes” to the following question: “Are you limited in any way in any activities because of physical, mental, or emotional problems?”
<b>Prevalence</b>	<b>WV: 25.7%</b> (95% CI: 24.1-27.4) in 2004; <b>27.4%</b> (95% CI: 25.7-29.1) in 2005. <b>US: 17.3%</b> (95% CI: 17.1-17.6) in 2004; <b>18.2%</b> (95% CI: 18.0-18.4) in 2005. West Virginia ranked 1 <sup>st</sup> highest among 52 BRFSS participants in 2004 and 1 <sup>st</sup> highest among 53 BRFSS participants in 2005.
<b>Time Trends</b>	The prevalence of disability in West Virginia increased significantly from 1995 (18.1%) to 2003 (26.4%). It has remained relatively stable since then. A slight decline in 2004 (to 25.7%) was offset by a minor increase in 2005 (to 27.4%).
<b>Gender</b>	<b>Men:</b> 26.4% (95% CI: 23.8-29.1) in 2004, 27.2% (95% CI: 24.5-29.8) in 2005. <b>Women:</b> 25.1% (95% CI: 23.1-27.1) in 2004, 27.6% (95% CI: 25.6-29.7) in 2005. There were no significant differences in this risk factor between men and women in either 2004 or 2005.
<b>Age</b>	Disability generally increased with age. Adults aged 55 and older had significantly higher rates than any group below age 45 in both 2004 and 2005.
<b>Education</b>	There was a significant inverse relationship between disability and educational attainment. In both years, adults without a high school diploma were more than twice as likely as college graduates to report limitations.
<b>Household Income</b>	Disability was most prevalent among those with the lowest incomes. About half of all adults in the poorest households were limited, compared with approximately 11% of those in the wealthiest homes.

**Figure 19.1 Disability by year: WVBRFSS, 1995, 2001, 2003, 2004, 2005**



NOTE: Data are not available for the years 1996, 1997, 1998, 1999, 2000, and 2002.

**Table 19.1 Disability by demographic characteristics: WVBRFSS, 2004**

Characteristic	Men			Women			Total		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
<b>TOTAL</b>	1,309	<b>26.4</b>	23.8-29.1	2,107	<b>25.1</b>	23.1-27.1	3,416	<b>25.7</b>	24.1-27.4
<b>Age</b>									
18-24	72	* <b>9.0</b>	1.7-16.3	115	* <b>8.8</b>	3.4-14.3	187	<b>8.9</b>	4.4-13.5
25-34	178	<b>11.5</b>	6.5-16.4	280	<b>12.8</b>	8.8-16.8	458	<b>12.1</b>	8.9-15.3
35-44	234	<b>23.2</b>	17.2-29.3	359	<b>20.9</b>	16.2-25.5	593	<b>22.0</b>	18.2-25.8
45-54	296	<b>33.2</b>	27.4-39.0	399	<b>24.9</b>	20.4-29.4	695	<b>29.0</b>	25.3-32.7
55-64	256	<b>39.0</b>	32.6-45.4	378	<b>38.3</b>	32.9-43.8	634	<b>38.7</b>	34.5-42.9
65+	271	<b>38.5</b>	32.2-44.8	573	<b>36.7</b>	32.4-41.0	844	<b>37.4</b>	33.8-41.1
<b>Education</b>									
Less than H.S.	224	<b>40.9</b>	33.9-48.0	399	<b>37.8</b>	32.5-43.1	623	<b>39.2</b>	34.9-43.5
H.S. or G.E.D.	522	<b>28.7</b>	24.4-33.0	795	<b>25.4</b>	22.0-28.8	1,317	<b>27.1</b>	24.4-29.8
Some Post-H.S.	256	<b>20.6</b>	15.2-25.9	468	<b>23.1</b>	19.0-27.1	724	<b>21.9</b>	18.6-25.2
College Graduate	305	<b>16.7</b>	12.1-21.3	443	<b>15.0</b>	11.6-18.4	748	<b>15.8</b>	13.0-18.6
<b>Income</b>									
Less than \$15,000	166	<b>53.9</b>	44.4-63.5	465	<b>44.5</b>	39.4-49.7	631	<b>48.1</b>	43.3-52.9
\$15,000- 24,999	261	<b>35.9</b>	29.3-42.6	403	<b>27.7</b>	22.9-32.5	664	<b>31.6</b>	27.5-35.7
\$25,000- 34,999	163	<b>28.4</b>	21.0-35.7	251	<b>22.3</b>	16.7-28.0	414	<b>25.2</b>	20.6-29.8
\$35,000- 49,999	213	<b>20.4</b>	14.4-26.4	304	<b>19.1</b>	14.5-23.8	517	<b>19.7</b>	15.9-23.5
\$50,000- 74,999	212	<b>15.5</b>	10.5-20.6	230	<b>11.5</b>	7.5-15.6	442	<b>13.7</b>	10.4-17.1
\$75,000+	186	<b>12.0</b>	7.2-16.8	189	<b>10.0</b>	5.5-14.5	375	<b>11.1</b>	7.8-14.5

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

**Table 19.2 Disability by demographic characteristics: WVBRFSS, 2005**

Characteristic	Men			Women			Total		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
<b>TOTAL</b>	1,357	<b>27.2</b>	24.5-29.8	2,189	<b>27.6</b>	25.6-29.7	3,546	<b>27.4</b>	25.7-29.1
<b>Age</b>									
18-24	68	* <b>14.5</b>	5.5-23.5	102	<b>14.7</b>	7.9-21.5	170	<b>14.6</b>	8.9-20.3
25-34	182	<b>14.9</b>	9.3-20.6	281	<b>11.5</b>	7.6-15.4	463	<b>13.2</b>	9.8-16.7
35-44	226	<b>24.8</b>	18.8-30.8	349	<b>24.5</b>	19.5-29.5	575	<b>24.6</b>	20.7-28.5
45-54	283	<b>30.9</b>	25.1-36.8	458	<b>29.0</b>	24.5-33.4	741	<b>29.9</b>	26.3-33.6
55-64	276	<b>39.9</b>	33.5-46.3	366	<b>35.3</b>	30.0-40.6	642	<b>37.5</b>	33.4-41.7
65+	320	<b>34.7</b>	29.1-40.3	624	<b>40.8</b>	36.6-45.1	944	<b>38.3</b>	34.9-41.7
<b>Education</b>									
Less than H.S.	250	<b>44.1</b>	36.8-51.5	381	<b>38.4</b>	32.8-44.0	631	<b>41.4</b>	36.7-46.0
H.S. or G.E.D.	553	<b>27.3</b>	23.2-31.4	869	<b>29.3</b>	25.9-32.6	1,422	<b>28.3</b>	25.7-30.9
Some Post-H.S.	249	<b>22.6</b>	17.0-28.3	502	<b>26.8</b>	22.4-31.1	751	<b>25.1</b>	21.6-28.5
College Graduate	304	<b>15.4</b>	10.9-19.9	435	<b>16.1</b>	12.5-19.7	739	<b>15.7</b>	12.9-18.6
<b>Income</b>									
Less than \$15,000	167	<b>60.6</b>	51.7-69.5	434	<b>47.6</b>	42.2-53.1	601	<b>52.6</b>	47.8-57.4
\$15,000- 24,999	270	<b>36.3</b>	29.8-42.7	462	<b>35.1</b>	30.1-40.2	732	<b>35.7</b>	31.6-39.7
\$25,000- 34,999	214	<b>33.3</b>	26.1-40.4	254	<b>22.5</b>	17.0-28.0	468	<b>28.4</b>	23.7-33.0
\$35,000- 49,999	206	<b>15.7</b>	10.5-20.9	265	<b>20.5</b>	15.0-26.0	471	<b>18.0</b>	14.2-21.8
\$50,000- 74,999	209	<b>15.7</b>	9.7-21.7	261	<b>13.5</b>	9.1-17.9	470	<b>14.7</b>	10.9-18.4
\$75,000+	174	<b>10.4</b>	5.7-15.1	211	<b>12.2</b>	7.6-16.9	385	<b>11.2</b>	7.9-14.6

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

## Use of Special Equipment in 2004 and 2005

### Definition

Responding “Yes” to the following question: “Do you now have any health problem that requires you to use special equipment, such as a cane, a wheelchair, a special bed, or a special telephone?”

**Table 19.3 Use of special equipment by demographic characteristics: WVBRFSS, 2004**

Characteristic	Special Equipment Use in 2004 Among All Adults			Special Equipment Use in 2004 Among Disabled Adults (See disabled defined on p.82.)		
	# Resp.	%	95% CI	# Resp.	%	95% CI
<b>TOTAL</b>	3,422	<b>8.7</b>	7.7-9.7	965	<b>28.5</b>	25.3-31.6
Males	1,313	<b>8.6</b>	7.0-10.1	382	<b>28.9</b>	23.9-33.8
Females	2,109	<b>8.8</b>	7.5-10.0	583	<b>28.0</b>	24.0-32.0
<b>Age</b>						
18-24	188	* <b>1.5</b>	0.0-3.6	17	* <b>16.4</b>	0.0-38.0
25-34	458	* <b>0.9</b>	0.1-1.7	60	* <b>5.3</b>	0.0-10.9
35-44	595	<b>3.4</b>	1.8-5.0	126	<b>13.7</b>	7.1-20.3
45-54	697	<b>9.6</b>	7.3-12.0	207	<b>31.4</b>	24.4-38.3
55-64	635	<b>14.0</b>	11.0-17.0	242	<b>33.0</b>	26.3-39.6
65+	843	<b>19.3</b>	16.4-22.1	312	<b>38.4</b>	32.5-44.3
<b>Education</b>						
Less than H.S.	626	<b>17.4</b>	14.3-20.5	265	<b>37.4</b>	30.9-43.9
H.S. or G.E.D.	1,317	<b>8.8</b>	7.2-10.5	374	<b>28.3</b>	23.2-33.5
Some Post-H.S.	725	<b>5.6</b>	4.0-7.3	190	<b>21.0</b>	14.8-27.1
College Graduate	750	<b>4.2</b>	2.9-5.6	134	<b>21.0</b>	13.8-28.3
<b>Income</b>						
Less than \$15,000	631	<b>19.4</b>	15.9-23.0	316	<b>34.9</b>	28.8-41.1
\$15,000- 24,999	663	<b>9.8</b>	7.5-12.1	212	<b>24.7</b>	18.4-30.9
\$25,000- 34,999	415	<b>10.6</b>	7.4-13.7	105	* <b>37.4</b>	27.4-47.5
\$35,000-49,999	517	<b>4.0</b>	2.3-5.6	108	<b>16.2</b>	8.8-23.5
\$50,000-74,000	443	<b>3.5</b>	1.7-5.3	68	* <b>21.3</b>	10.6-32.0
\$75,000+	376	* <b>2.2</b>	0.7-3.7	45	* <b>15.6</b>	4.1-27.2

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

**Table 19.4 Use of special equipment by demographic characteristics: WVBRFSS, 2005**

Characteristic	Special Equipment Use in 2005 Among All Adults			Special Equipment Use in 2005 Among Disabled Adults (See disabled defined on p.82.)		
	# Resp.	%	95% CI	# Resp.	%	95% CI
<b>TOTAL</b>	3,548	<b>9.6</b>	8.6-10.6	1,073	<b>30.7</b>	27.6-33.8
Males	1,359	<b>9.9</b>	8.2-11.5	404	<b>32.3</b>	27.2-37.4
Females	2,189	<b>9.4</b>	8.2-10.6	669	<b>29.3</b>	25.5-33.0
<b>Age</b>						
18-24	170	* <b>0.8</b>	0.0-2.4	28	* <b>5.5</b>	0.0-16.1
25-34	463	* <b>2.3</b>	0.9-3.8	61	* <b>13.7</b>	4.4-23.0
35-44	576	<b>5.7</b>	3.6-7.8	141	<b>22.2</b>	14.5-29.8
45-54	743	<b>9.7</b>	7.3-12.1	222	<b>28.8</b>	22.1-35.6
55-64	642	<b>13.7</b>	10.8-16.6	243	<b>33.4</b>	26.9-39.9
65+	943	<b>21.1</b>	18.2-24.0	373	<b>45.8</b>	40.1-51.5
<b>Education</b>						
Less than H.S.	631	<b>14.7</b>	11.7-17.7	279	<b>31.8</b>	25.6-38.0
H.S. or G.E.D.	1,423	<b>10.1</b>	8.4-11.8	447	<b>31.5</b>	26.6-36.4
Some Post-H.S.	751	<b>8.0</b>	6.0-10.0	214	<b>28.6</b>	21.9-35.3
College Graduate	739	<b>5.8</b>	4.1-7.5	130	<b>28.5</b>	20.1-36.9
<b>Income</b>						
Less than \$15,000	602	<b>23.8</b>	19.9-27.7	328	<b>42.6</b>	36.3-48.9
\$15,000- 24,999	731	<b>11.7</b>	9.2-14.2	271	<b>28.5</b>	22.6-34.4
\$25,000- 34,999	468	<b>9.4</b>	6.2-12.6	128	<b>30.1</b>	20.8-39.4
\$35,000-49,999	472	<b>5.4</b>	3.4-7.4	94	<b>24.2</b>	15.0-33.5
\$50,000-74,000	470	<b>3.1</b>	1.5-4.6	69	<b>17.8</b>	8.6-27.0
\$75,000+	385	<b>2.7</b>	1.2-4.2	46	* <b>15.3</b>	5.5-25.1

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