

CHAPTER 18: ARTHRITIS

Diagnosed with Some Form of Arthritis in 2005

Definition	Responding “Yes” to the following question: “Have you EVER been told by a doctor or other health professional that you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?”
Prevalence	WV: 34.9% (95% CI: 33.1-36.6) in 2005. US: 26.6% (95% CI: 26.4-26.9) in 2005. West Virginia ranked 1 st highest among 53 BRFSS participants in 2005.
Gender	Men: 31.2% (95% CI: 28.5-33.9) in 2005. Women: 38.2% (95% CI: 36.0-40.5) in 2005. Women had a significantly higher risk of arthritis than men.
Age	The prevalence of arthritis significantly increased among adults at each higher age grouping through age 64. Fewer than 10% of adults aged 18 to 24 had ever been diagnosed with some form of arthritis, compared with nearly 60% of those aged 65 and older.
Education	The prevalence of arthritis decreased as educational attainment increased. Adults without a high school diploma/GED had a significantly higher rate of arthritis than those at all higher levels of education.
Household Income	The risk of arthritis also decreased as household income increased. Adults in the poorest households were nearly twice as likely as those in the wealthiest households to have been diagnosed with arthritis (49.9% versus 25.2%).

Figure 18.1 Arthritis by gender and year: WVBRFSS, 1999, 2001, 2003, 2005

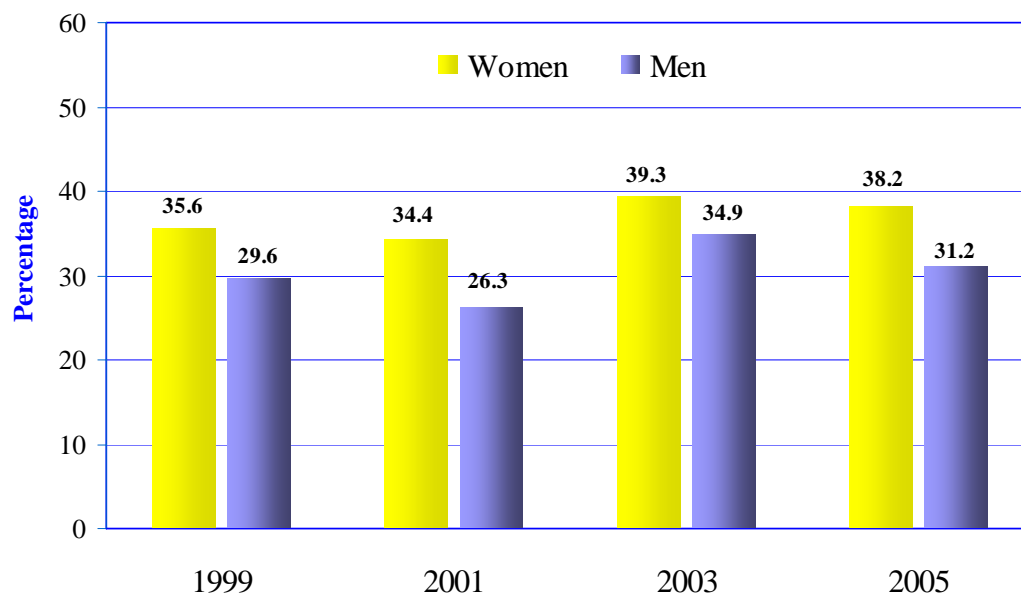
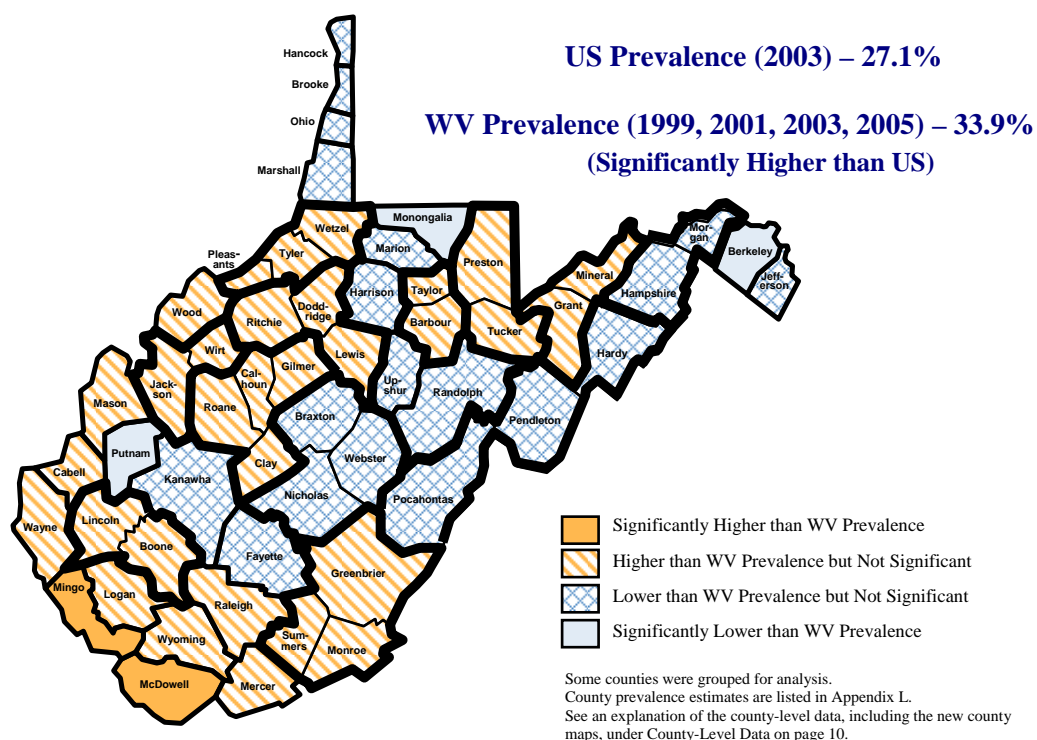


Table 18.1 Arthritis by demographic characteristics: WVBRESS, 2005

Characteristic	Men			Women			Total		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
TOTAL	1,347	31.2	28.5-33.9	2,177	38.2	36.0-40.5	3,524	34.9	33.1-36.6
Age									
18-24	67	* 3.8	0.0-8.0	100	* 7.1	2.0-12.1	167	* 5.4	2.1-8.7
25-34	180	11.6	6.8-16.5	281	12.5	8.4-16.6	461	12.1	8.9-15.2
35-44	226	24.6	18.6-30.7	347	26.7	21.6-31.8	573	25.7	21.7-29.6
45-54	282	38.8	32.6-44.9	456	41.3	36.4-46.2	738	40.0	36.1-44.0
55-64	274	45.2	38.8-51.7	364	60.7	55.3-66.1	638	53.1	48.8-57.4
65+	316	55.8	49.9-61.8	620	62.2	58.0-66.4	936	59.6	56.1-63.1
Education									
Less than H.S.	248	42.5	35.4-49.7	378	47.1	41.3-52.9	626	44.7	40.1-49.4
H.S. or G.E.D.	550	30.5	26.4-34.6	865	42.1	38.4-45.7	1,415	36.4	33.6-39.2
Some Post-H.S.	249	28.6	22.6-34.5	500	35.7	31.0-40.4	749	32.8	29.0-36.5
College Graduate	299	24.8	19.6-30.0	432	26.3	22.0-30.6	731	25.6	22.2-29.0
Income									
Less than \$15,000	164	47.9	38.9-56.9	432	51.1	45.6-56.6	596	49.9	45.0-54.7
\$15,000- 24,999	269	38.2	31.8-44.7	457	39.7	34.6-44.8	726	39.0	34.9-43.1
\$25,000- 34,999	211	35.4	28.4-42.4	254	38.6	32.0-45.2	465	36.9	32.0-41.7
\$35,000- 49,999	207	28.3	21.9-34.7	264	32.7	26.6-38.8	471	30.4	26.0-34.9
\$50,000- 74,999	208	24.7	18.6-30.8	258	29.3	23.5-35.1	466	26.9	22.6-31.1
\$75,000+	173	24.9	17.8-32.0	211	25.6	19.5-31.7	384	25.2	20.5-30.0

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

Figure 18.2 Arthritis by county: WVBRESS, 1999, 2001, 2003, 2005



Joint Pain and Activity Limitations in 2005

Definition

Joint Pain

Responding “Yes” to the following question: “The next questions refer to your joints. Please do NOT include the back or neck. During the past 30 days, have you had any symptoms of pain, aching, or stiffness in or around a joint?”

Activity Limitations

Responding “Yes” to the following question: “Are you now limited in any way in any of your usual activities because of arthritis or joint symptoms?” (This question was asked only of those who had reported three months of joint symptoms or a diagnosis of arthritis.)

Prevalence

Joint Pain

WV: **48.4%** (95% CI: 46.5-50.4) in 2005.

US: **39.1%** (95% CI: 38.8-39.5) in 2005.

West Virginia ranked 1st highest among 53 BRFSS participants in 2005.

Activity Limitations

WV: **43.5%** (95% CI: 41.0-46.0) in 2005.

US: **31.0%** (95% CI: 30.6-31.5) in 2005.

West Virginia ranked 2nd highest among 53 BRFSS participants in 2005.

Table 18.2 Joint pain during the past 30 days and limitations in usual activities due to arthritis or joint symptoms by demographic characteristics: WVBRFSS, 2005

Characteristic	Pain, aching, or stiffness in or around a joint (not including neck or back) in the past 30 days			Limitations in usual activities because of arthritis or joint symptoms (among adults who reported 3 months of joint symptoms or a diagnosis of arthritis)		
	# Resp.	%	95% CI	# Resp.	%	95% CI
TOTAL	3,542	48.4	46.5-50.4	1,955	43.5	41.0-46.0
Sex						
Males	1,357	47.7	44.7-50.8	722	44.5	40.5-48.5
Females	2,185	49.1	46.6-51.5	1,233	42.7	39.6-45.7
Age						
18-24	170	23.4	16.7-30.2	34	* 42.4	23.9-60.9
25-34	462	34.2	29.5-39.0	139	30.6	22.0-39.1
35-44	575	46.6	42.1-51.1	259	45.3	38.6-52.0
45-54	742	56.6	52.6-60.5	436	42.7	37.6-47.8
55-64	642	62.0	57.9-66.2	433	49.1	44.0-54.3
65+	940	57.9	54.5-61.4	645	43.6	39.4-47.8
Education						
Less than H.S.	630	57.0	52.1-61.9	437	54.7	49.3-60.1
H.S. or G.E.D.	1,421	50.5	47.4-53.5	813	45.0	41.1-48.9
Some Post-H.S.	750	46.6	42.4-50.8	394	36.7	31.5-41.9
College Graduate	737	38.8	34.9-42.7	309	32.2	26.5-38.0
Income						
Less than \$15,000	600	62.3	57.5-67.2	427	61.9	56.6-67.3
\$15,000- 24,999	729	51.6	47.2-55.9	424	51.0	45.5-56.4
\$25,000- 34,999	468	52.5	47.3-57.6	267	44.5	37.7-51.3
\$35,000-49,999	472	44.7	39.7-49.8	235	34.6	28.0-41.2
\$50,000-74,000	470	41.8	36.9-46.7	212	27.7	21.1-34.2
\$75,000+	385	36.9	31.6-42.2	152	25.0	17.5-32.5

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