

CHAPTER 14: COLORECTAL CANCER SCREENING

Home Stool Blood Testing and Sigmoidoscopy or Colonoscopy in 2004

Definition **No home stool blood testing**
 No home stool blood testing (or fecal occult blood testing, FOBT) in the past two years among adults aged 50 and older.

No sigmoidoscopy or colonoscopy
 Adults aged 50 and older who have never had a sigmoidoscopy or colonoscopy.

Prevalence **No home stool blood testing**
WV: 72.8% (95% CI: 70.5-75.1) in 2004; **US: 73.0%** (95% CI: 72.5-73.4).
 West Virginia ranked 29th highest among 52 BRFSS participants in 2004.

No sigmoidoscopy or colonoscopy
WV: 53.7% (95% CI: 51.2-56.2) in 2004; **US: 46.2%** (95% CI: 45.7-46.7)
 West Virginia ranked 5th highest among 52 BRFSS participants in 2004.

Gender **No home stool blood testing**
Men: 67.9% (95% CI: 64.1-71.8) in 2004.
Women: 76.9% (95% CI: 74.2-79.7) in 2004.
 This risk was significantly higher among women than men.

No sigmoidoscopy or colonoscopy
Men: 53.3% (95% CI: 49.2-57.4) in 2004.
Women: 54.1% (95% CI: 50.9-57.2) in 2004.
 Not having had a sigmoidoscopy or colonoscopy did not differ by gender.

WV HEALTHY PEOPLE 2010 OBJECTIVES

Objective 3.7 Attain a level of at least 50% of people aged 50 and older who have received a colorectal screening examination (fecal occult blood testing) within the preceding 1-2 years and increase to at least 40% those who have ever received proctosigmoidoscopy. (Baseline for proctosigmoidoscopy: 34.4% in 1997; Current: 46.3% in 2004)

Table 14.1 No colorectal cancer screening among adults aged 50 and over by demographic characteristics: WVBRFSS, 2004

Characteristic	Adults who did not have a home stool blood test in the past two years			Adults who have never had a sigmoidoscopy or colonoscopy		
	# Resp.	%	95% CI	# Resp.	%	95% CI
TOTAL	1815	72.8	70.5-75.1	1834	53.7	51.2-56.2
Sex						
Males	672	67.9	64.1-71.8	677	53.3	49.2-57.4
Females	1143	76.9	74.2-79.7	1157	54.1	50.9-57.2
Age						
50-54	355	76.1	71.1-81.1	359	68.8	63.7-74.0
55-64	625	72.7	68.8-76.6	635	51.2	46.9-55.5
65+	835	71.3	67.9-74.7	840	47.8	44.0-51.5
Education						
Less than H.S.	436	80.5	76.3-84.6	441	59.9	54.8-64.9
H.S. or G.E.D.	703	72.0	68.2-75.8	710	54.4	50.3-58.5
Some Post-H.S.	324	69.3	63.8-74.8	328	51.3	45.4-57.3
College Graduate	349	68.3	62.9-73.7	352	47.2	41.3-53.0
Income						
Less than \$15,000	379	78.4	73.9-83.0	387	58.2	52.8-63.7
\$15,000- 24,999	392	74.4	69.5-79.3	394	57.0	51.6-62.4
\$25,000- 34,999	227	64.7	57.7-71.6	233	51.5	44.4-58.6
\$35,000-49,999	218	72.1	65.7-78.5	220	54.3	47.1-61.4
\$50,000-74,000	187	71.2	64.2-78.1	187	55.0	47.3-62.7
\$75,000+	160	66.4	58.3-74.5	159	43.7	35.1-52.3

CHAPTER 15: PROSTATE CANCER SCREENING

Digital Rectal Exam and PSA Test in 2004

Definition

No digital rectal exam

Men aged 40 years and older who have never had a digital rectal exam

No Prostate Specific Antigen (PSA) test

Men aged 40 years and older who have never had a PSA test (prostate specific antigen).

Prevalence

No digital rectal exam

WV: 29.7% (95% CI: 26.5-33.0) in 2004.

US: 25.2% (95% CI: 24.6-25.8) in 2004.

West Virginia ranked 6th highest among 52 BRFSS participants in 2004.

No Prostate Specific Antigen (PSA) test

WV: 40.3% (95% CI: 36.8-43.8) in 2004.

US: 39.4% (95% CI: 38.7-40.0) in 2004.

West Virginia ranked 26th highest among 52 BRFSS participants in 2004.

QUICK STATS

- 4.2% of the West Virginia adult males ages 40 and older had ever been diagnosed with prostate cancer in 2004.

Table 15.1 No prostate cancer screening among males aged 40 and older by demographic characteristics: WVBRFSS, 2004

Characteristic	Adult males aged 40 and older who have never had a digital rectal exam			Adult males aged 40 and older who have never had a PSA test		
	# Resp.	%	95% CI	# Resp.	%	95% CI
Males	949	29.7	26.5-33.0	908	40.3	36.8-43.8
Age						
40-44	127	59.8	50.6-69.1	119	82.2	74.4-90.0
45-54	296	35.7	29.8-41.7	282	49.7	43.4-56.1
55-64	255	21.6	16.3-26.9	249	29.4	23.4-35.4
65+	271	12.1	8.0-16.2	258	14.8	10.1-19.5
Education						
Less than H.S.	185	35.5	27.9-43.2	173	46.0	37.9-54.1
H.S. or G.E.D.	373	33.5	28.0-38.9	358	41.8	36.1-47.5
Some Post-H.S.	170	29.7	22.3-37.1	166	36.6	28.7-44.5
College Graduate	219	17.6	12.3-22.9	209	35.7	28.5-42.8
Income						
Less than \$15,000	125	38.5	28.6-48.4	113	* 55.2	45.1-65.4
\$15,000- 24,999	195	27.4	20.5-34.3	187	37.6	29.9-45.3
\$25,000- 34,999	121	32.2	22.7-41.7	119	34.1	24.6-43.7
\$35,000-49,999	143	32.0	23.5-40.6	136	40.4	31.4-49.5
\$50,000-74,000	151	30.2	22.2-38.2	145	* 42.2	33.4-50.9
\$75,000+	137	20.4	13.2-27.6	136	38.5	29.8-47.1

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

CHAPTER 16: BREAST AND CERVICAL CANCER SCREENING

Clinical Breast Exam, Mammogram, or Pap Smear in 2004

Definitions

No Clinical Breast Exam

Women aged 40 years and older who did not have a clinical breast exam (CBE) in the past one year.

No Mammogram

Women aged 40 years and older who did not have a mammogram in the past two years.

No Pap Test in the Past Three Years

No Pap test in the past three years among women aged 18 and older.

Never Had a Pap Test

Women aged 18 and older who have never had a Pap test.

Prevalence

No Clinical Breast Exam

WV: 35.8% (95% CI: 33.1-38.5) in 2004.

US: 35.6% (95% CI: 35.1-36.2) in 2004.

West Virginia ranked 25th highest among 52 BRFSS participants in 2004.

No Mammogram

WV: 27.5% (95% CI: 25.0-30.0) in 2004.

US: 25.4% (95% CI: 25.0-25.9) in 2004.

West Virginia ranked 20th highest among 52 BRFSS participants in 2004.

No Pap Test in the Past Three Years

WV: 17.4% (95% CI: 15.2-19.7) in 2004.

US: 14.6% (95% CI: 14.3-15.0) in 2004.

West Virginia ranked 8th highest among 52 BRFSS participants in 2004.

Never Had a Pap Test

WV: 5.4% (95% CI: 4.1-6.6) in 2004.

US: 5.8% (95% CI: 5.5-6.1) in 2004.

West Virginia ranked 23rd highest among 52 BRFSS participants in 2004.

WV HEALTHY PEOPLE 2010 OBJECTIVES

Objective 3.6

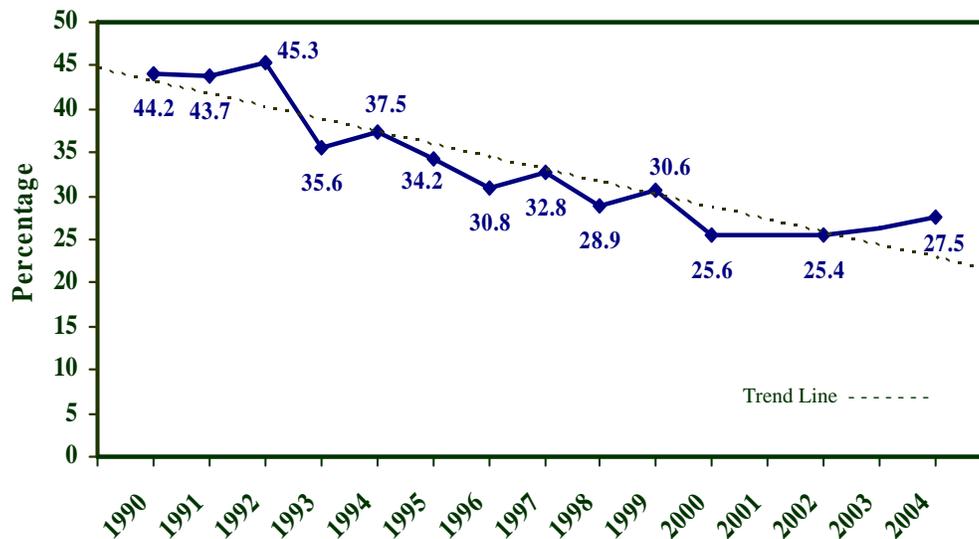
Increase to at least 95% the proportion of women aged 18 and older who have ever received a Pap test and to at least 85% those who received a Pap test within the preceding three years. (Baseline: 93.4% and 78.9%, respectively, in 1997; Current: 94.6% and 82.6%, respectively, in 2004)

Table 16.1 No breast cancer screening among women aged 40 and older by demographic characteristics: WVBRFSS, 2004

Characteristic	Adult females aged 40 and older who have not had a clinical breast exam (CBE) in the past one year			Adult females aged 40 and older who have not had a mammogram in the past two years		
	# Resp.	%	95% CI	# Resp.	%	95% CI
Females	1,504	35.8	33.1-38.5	1,527	27.5	25.0-30.0
Age						
40-44	182	32.9	25.4-40.4	183	41.6	33.7-49.4
45-54	394	34.3	29.2-39.4	398	25.8	21.1-30.6
55-64	377	31.6	26.5-36.8	378	19.1	14.8-23.4
65+	551	41.2	36.7-45.7	568	28.5	24.3-32.6
Education						
Less than H.S.	324	49.2	43.2-55.3	334	39.5	33.6-45.4
H.S. or G.E.D.	604	32.5	28.5-36.5	610	26.2	22.4-30.1
Some Post-H.S.	283	37.6	31.4-43.8	288	24.0	18.6-29.5
College Graduate	291	25.7	20.0-31.4	293	19.9	14.7-25.1
Income						
Less than \$15,000	344	52.2	46.3-58.0	355	41.4	35.7-47.2
\$15,000- 24,999	282	36.0	29.8-42.3	286	32.0	25.9-38.2
\$25,000- 34,999	182	38.1	30.3-45.9	183	23.0	16.6-29.4
\$35,000-49,999	203	26.8	20.1-33.4	203	26.7	19.9-33.5
\$50,000-74,000	150	26.9	19.1-34.8	152	21.9	14.6-29.2
\$75,000+	129	22.6	14.7-30.5	129	9.4	4.1-14.7

Note: Both of these groups have totals that are restricted to adult females aged 40 years and older. (The next table contains different ages.)

Figure 16.1 No mammography in past two years among women aged 40 and older: WVBRFSS, 1990-2004



NOTE: Data are not available for the years 2001, 2003, and 2005.

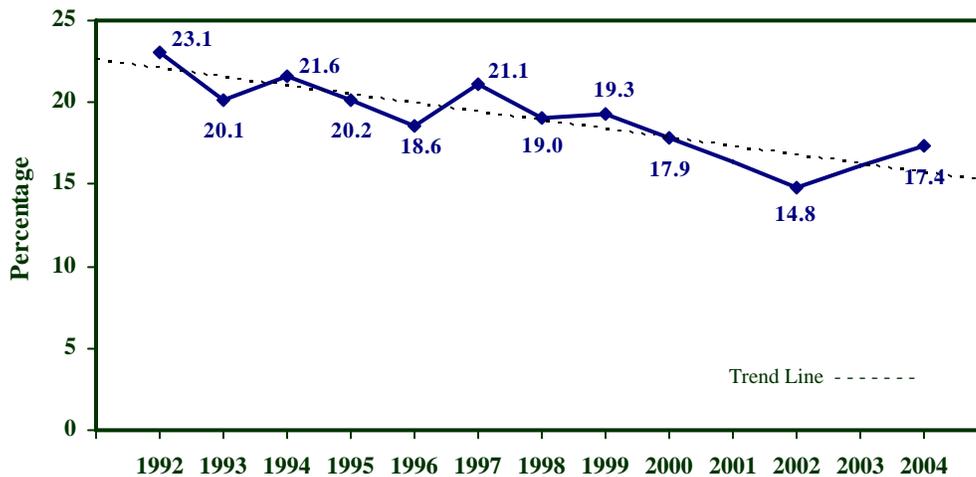
Table 16.2 No cervical cancer screening by demographic characteristics: WVBRFSS, 2004

Characteristic	Adult females aged 18 and older who have not had a Pap test in the past three years			Adult females aged 18 and older who have never had a Pap test		
	# Resp.	%	95% CI	# Resp.	%	95% CI
Females	1,469	17.4	15.2-19.7	2,110	5.4	4.1-6.6
Age						
18-24	115	16.6	8.8-24.5	115	13.4	6.1-20.8
25-34	268	8.8	5.1-12.5	280	* 1.5	0.0-2.9
35-44	319	13.8	9.6-18.0	361	* 2.6	1.0-4.3
45-54	256	13.1	8.5-17.6	399	* 0.6	0.0-1.2
55-64	209	21.2	15.1-27.4	377	3.5	1.6-5.5
65+	302	35.4	29.5-41.4	574	11.2	8.3-14.2
Education						
Less than H.S.	235	34.9	27.9-41.9	400	10.2	6.7-13.7
H.S. or G.E.D.	546	17.9	14.2-21.6	796	5.2	3.3-7.2
Some Post-H.S.	346	14.1	9.8-18.5	467	* 4.4	1.6-7.2
College Graduate	342	7.8	4.7-10.9	445	* 2.3	0.8-3.8
Income						
Less than \$15,000	288	29.6	23.7-35.5	464	8.3	5.7-11.0
\$15,000- 24,999	278	22.1	16.0-28.1	401	7.1	3.4-10.7
\$25,000- 34,999	172	16.1	10.0-22.2	251	* 2.2	0.1-4.3
\$35,000-49,999	240	10.4	5.9-14.9	305	* 2.0	0.0-4.3
\$50,000-74,000	182	10.1	5.2-14.9	230	* 3.6	0.7-6.5
\$75,000+	136	* 5.9	0.4-11.4	189	* 2.8	0.0-6.5

Note: Both of these groups have totals that include adult females aged 18 years and older. (The previous table contains different ages.)

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

Figure 16.2 No Pap test in past three years: WVBRFSS, 1992-2004



NOTE: Data are not available for the years 2001, 2003 and 2005.