
Colorectal Cancer Screening

NO BLOOD STOOL TEST

Definition: Respondents aged 50 and older that have not had a blood stool test using a home kit within the past two years.

Prevalence of No Blood Stool Test

- South Dakota 83.2%
- Nationwide median 82.8%

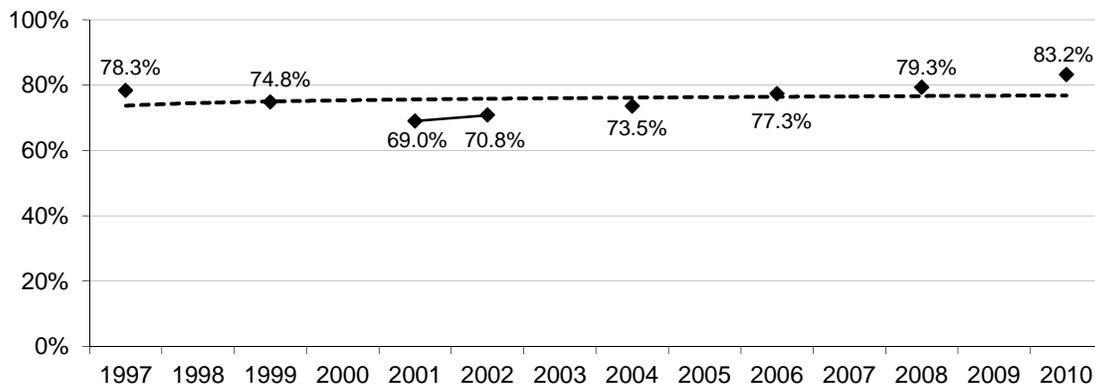
Healthy People 2010 Objective

There was no stated Healthy People 2010 Objective for not having a blood stool test using a home kit within the past two years.

Trend Analysis

The percent of respondents who have not had a blood stool test using a home kit within the past two years hit an all time high in 2010 with 83.2 percent. Overall, the percent has remained steady since the question was first asked in 1997.

Figure 36
Percent of Respondents, Ages 50 and Older, Who Have Not Had a Blood Stool Test Using a Home Kit Within the Past 2 Years, 1997, 1999, 2001-2002, 2004, 2006, 2008, and 2010



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 1997, 1999, 2001-2002, 2004, 2006, 2008, and 2010

Table 31
Respondents, Ages 50 and Older, Who Have Not Had a Blood Stool Test Using a Home Kit
Within the Past 2 Years, 2010

	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
Total	4,386	83.2	(81.9-84.5)	1,685	82.5	(80.3-84.6)	2,701	83.9	(82.2-85.5)
Age									
18-24	-	-	-	-	-	-	-	-	-
25-34	-	-	-	-	-	-	-	-	-
35-44	-	-	-	-	-	-	-	-	-
45-54	690	89.6	(86.4-92.1)	287	90.5	(85.1-94.1)	403	88.7	(84.6-91.8)
55-64	1,430	82.2	(79.7-84.4)	607	80.4	(76.6-83.8)	823	83.9	(80.7-86.7)
65-74	1,132	80.9	(77.9-83.5)	450	80.1	(75.2-84.1)	682	81.7	(78.0-84.8)
75+	1,134	80.7	(77.8-83.3)	341	79.1	(73.6-83.7)	793	81.7	(78.3-84.7)
Race									
White	3,890	83.3	(81.9-84.7)	1,501	82.4	(80.1-84.6)	2,389	84.1	(82.4-85.7)
American Indian	375	84.8	(79.9-88.7)	137	85.7	(78.5-90.8)	238	84.2	(77.2-89.3)
Region									
Southeast	892	86.8	(84.1-89.0)	348	87.0	(82.7-90.4)	544	86.5	(83.2-89.3)
Northeast	998	81.2	(78.4-83.6)	379	82.6	(78.2-86.3)	619	79.9	(76.3-83.1)
Central	892	79.1	(76.1-81.8)	346	77.5	(72.5-81.9)	546	80.4	(76.6-83.7)
West	889	81.7	(78.8-84.3)	342	77.3	(72.3-81.6)	547	85.8	(82.3-88.6)
American Indian Counties	715	82.7	(79.3-85.7)	270	80.3	(74.5-85.0)	445	84.7	(80.4-88.2)
Household Income									
Less than \$15,000	423	83.1	(78.3-87.0)	126	86.8	(78.4-92.2)	297	81.4	(75.3-86.2)
\$15,000-\$19,999	307	81.1	(74.7-86.2)	105	74.0	(61.5-83.5)	202	85.7	(78.8-90.7)
\$20,000-\$24,999	423	77.7	(72.1-82.5)	154	76.9	(67.1-84.5)	269	78.4	(71.6-83.9)
\$25,000-\$34,999	536	84.0	(80.2-87.2)	227	84.1	(78.1-88.7)	309	84.0	(79.0-88.0)
\$35,000-\$49,999	661	82.5	(79.0-85.6)	269	80.3	(74.4-85.0)	392	84.5	(80.0-88.2)
\$50,000-\$74,999	594	84.3	(80.5-87.5)	279	82.8	(77.1-87.4)	315	86.1	(81.1-90.0)
\$75,000+	674	84.9	(81.4-87.8)	347	84.5	(79.4-88.5)	327	85.4	(80.7-89.1)
Education									
Less than High School	423	81.6	(76.6-85.7)	170	79.7	(71.4-86.1)	253	83.3	(76.9-88.2)
High School or G.E.D.	1,552	83.3	(81.0-85.4)	569	83.5	(79.6-86.8)	983	83.1	(80.3-85.6)
Some Post-High School	1,168	84.2	(81.6-86.6)	423	84.1	(79.6-87.7)	745	84.4	(81.0-87.3)
College Graduate	1,237	82.7	(79.9-85.2)	521	81.1	(76.8-84.8)	716	84.6	(81.0-87.5)
Marital Status									
Married/Unmarried Couple	2,542	82.7	(81.0-84.4)	1,138	81.8	(79.1-84.2)	1,404	83.7	(81.4-85.8)
Divorced/Separated	596	85.0	(81.1-88.2)	239	85.5	(79.6-89.9)	357	84.6	(79.2-88.8)
Widowed	991	83.2	(80.4-85.7)	151	82.4	(74.2-88.4)	840	83.4	(80.3-86.0)
Never Married	253	88.5	(83.9-92.0)	*	*	*	*	*	*
Children Status									
Children in Household	-	-	-	-	-	-	-	-	-
No Children in Household	-	-	-	-	-	-	-	-	-

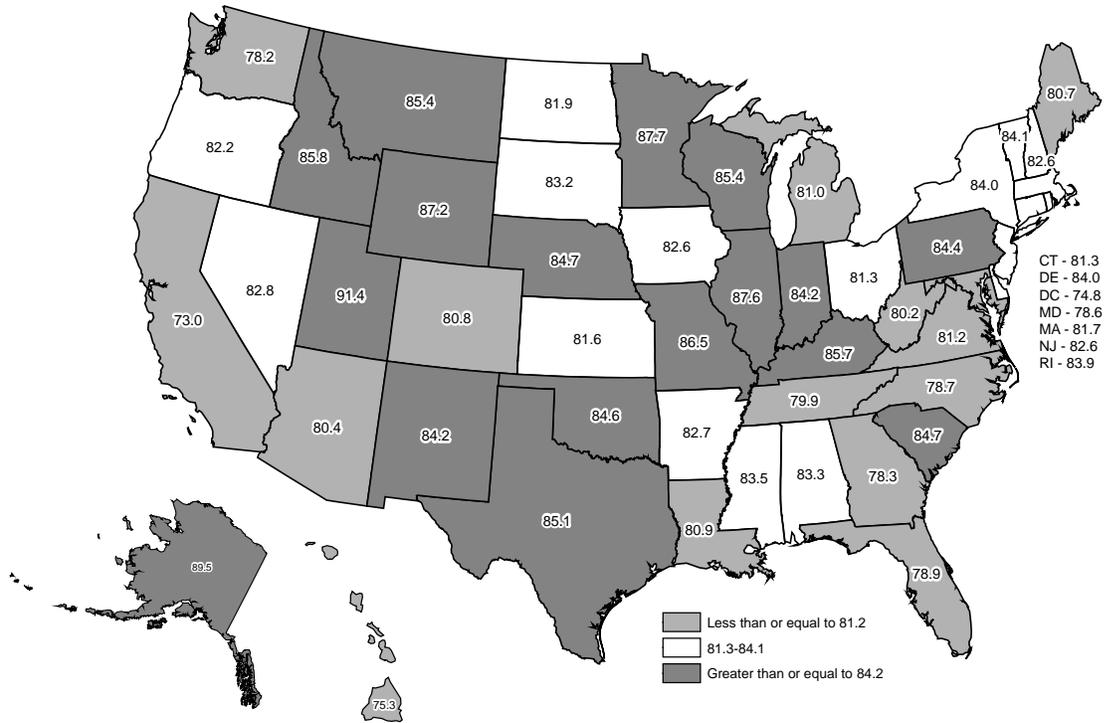
Note: *Results based on sample sizes less than 100 have been suppressed.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2010

National Statistics

The national median for respondents who have not had a blood stool test using a home kit within the past two years was 82.8 percent. South Dakota had 83.2 percent that have not had a blood stool test using a home kit within the past two years. California had the lowest percent that have not had a blood stool test using a home kit within the past two years with 73.0 percent, while Utah had the highest with 91.4 percent.

Figure 37
Nationally, Respondents, Age 50 and Older, Who Have Not Had a Blood Stool Test Using a Home Kit Within the Past 2 Years, 2010



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2010

NEVER HAD SIGMOIDOSCOPY OR COLONOSCOPY

Definition: Respondents aged 50 and older that have never had a sigmoidoscopy or colonoscopy.

Prevalence of Never Had Sigmoidoscopy or Colonoscopy

- South Dakota 32.9%
- Nationwide median 34.8%

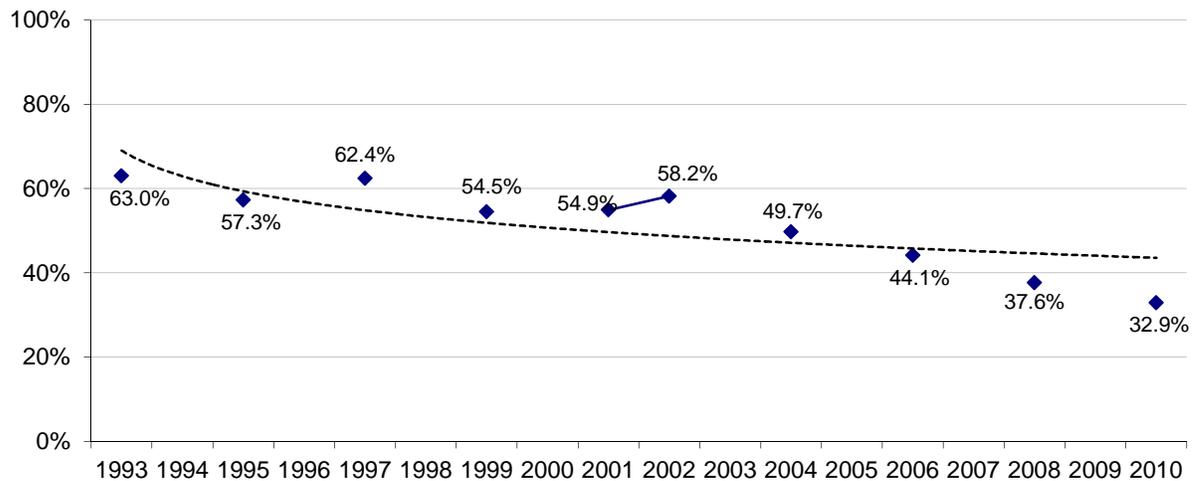
Healthy People 2010 Objective

Decrease the proportion of adults age 50 and older who have never received a sigmoidoscopy to 50 percent.

Trend Analysis

Overall, the percent of respondents who have never had a sigmoidoscopy or colonoscopy has been decreasing since the question was first asked. South Dakota did meet the *Healthy People 2010 Objective* with an all-time low of 32.9 percent in 2010.

Figure 38
Percent of Respondents, Age 50 and Older, Who Have Never Had a Sigmoidoscopy or Colonoscopy, 1993, 1995, 1997, 1999, 2001-2002, 2004, 2006, 2008, and 2010



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 1993, 1995, 1997, 1999, 2001-2002, 2004, 2006, 2008, and 2010

Table 32
Respondents, Ages 50 and Older, Who Have Never Had a Sigmoidoscopy
or Colonoscopy, 2010

	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
Total	4,435	32.9	(31.1-34.7)	1,694	35.3	(32.5-38.2)	2,741	30.7	(28.6-32.9)
Age									
18-24	-	-	-	-	-	-	-	-	-
25-34	-	-	-	-	-	-	-	-	-
35-44	-	-	-	-	-	-	-	-	-
45-54	692	52.5	(47.7-57.2)	287	58.3	(50.8-65.4)	405	46.5	(40.7-52.5)
55-64	1,441	31.7	(28.8-34.7)	606	32.3	(28.0-36.9)	835	31.1	(27.5-35.0)
65-74	1,143	23.9	(21.1-27.1)	455	25.4	(20.9-30.5)	688	22.6	(19.1-26.6)
75+	1,159	23.5	(20.7-26.4)	346	22.9	(18.2-28.3)	813	23.8	(20.6-27.4)
Race									
White	3,936	32.2	(30.4-34.1)	1,511	34.9	(32.0-37.9)	2,425	29.8	(27.6-32.0)
American Indian	375	63.9	(55.8-71.2)	136	59.0	(44.8-71.8)	239	67.3	(58.5-75.0)
Region									
Southeast	902	27.6	(24.4-31.1)	351	30.8	(25.6-36.5)	551	24.5	(20.8-28.7)
Northeast	1,009	34.4	(31.2-37.7)	381	37.2	(32.2-42.6)	628	32.0	(28.1-36.1)
Central	898	38.9	(35.4-42.5)	347	43.6	(37.9-49.4)	551	35.1	(30.9-39.5)
West	902	33.5	(30.0-37.1)	344	33.7	(28.4-39.5)	558	33.3	(28.9-37.9)
American Indian Counties	724	61.6	(57.5-65.6)	271	65.1	(58.6-71.1)	453	58.9	(53.6-64.1)
Household Income									
Less than \$15,000	429	35.8	(30.1-41.9)	125	50.0	(37.6-62.4)	304	29.4	(23.6-36.1)
\$15,000-\$19,999	309	35.3	(28.8-42.5)	106	38.3	(27.6-50.3)	203	33.4	(25.5-42.4)
\$20,000-\$24,999	425	40.3	(34.3-46.5)	155	48.2	(38.1-58.4)	270	34.0	(27.3-41.4)
\$25,000-\$34,999	541	34.3	(29.4-39.6)	228	36.8	(29.4-45.0)	313	31.5	(25.5-38.1)
\$35,000-\$49,999	667	33.6	(29.3-38.2)	271	33.7	(27.1-41.1)	396	33.5	(28.1-39.4)
\$50,000-\$74,999	600	32.6	(28.2-37.3)	282	35.7	(29.3-42.7)	318	28.8	(23.3-34.9)
\$75,000+	680	28.9	(24.9-33.4)	348	29.7	(24.0-36.1)	332	27.9	(22.6-33.8)
Education									
Less than High School	429	40.1	(34.2-46.3)	172	43.8	(34.6-53.4)	257	36.8	(29.5-44.8)
High School or G.E.D.	1,570	33.7	(30.8-36.8)	574	38.2	(33.3-43.4)	996	30.2	(26.9-33.8)
Some Post-High School	1,179	33.5	(30.2-36.9)	423	36.1	(30.7-41.9)	756	31.3	(27.4-35.5)
College Graduate	1,251	29.8	(26.6-33.2)	523	30.4	(25.7-35.7)	728	29.1	(25.1-33.4)
Marital Status									
Married/Unmarried Couple	2,557	31.4	(29.3-33.6)	1,141	32.4	(29.2-35.8)	1,416	30.3	(27.5-33.1)
Divorced/Separated	601	42.4	(37.4-47.5)	239	47.3	(39.2-55.4)	362	38.6	(32.3-45.3)
Widowed	1,018	28.4	(25.2-31.9)	154	34.1	(25.7-43.6)	864	27.2	(23.7-30.9)
Never Married	255	51.3	(42.6-59.9)	*	*	*	*	*	*
Children Status									
Children in Household	-	-	-	-	-	-	-	-	-
No Children in Household	-	-	-	-	-	-	-	-	-

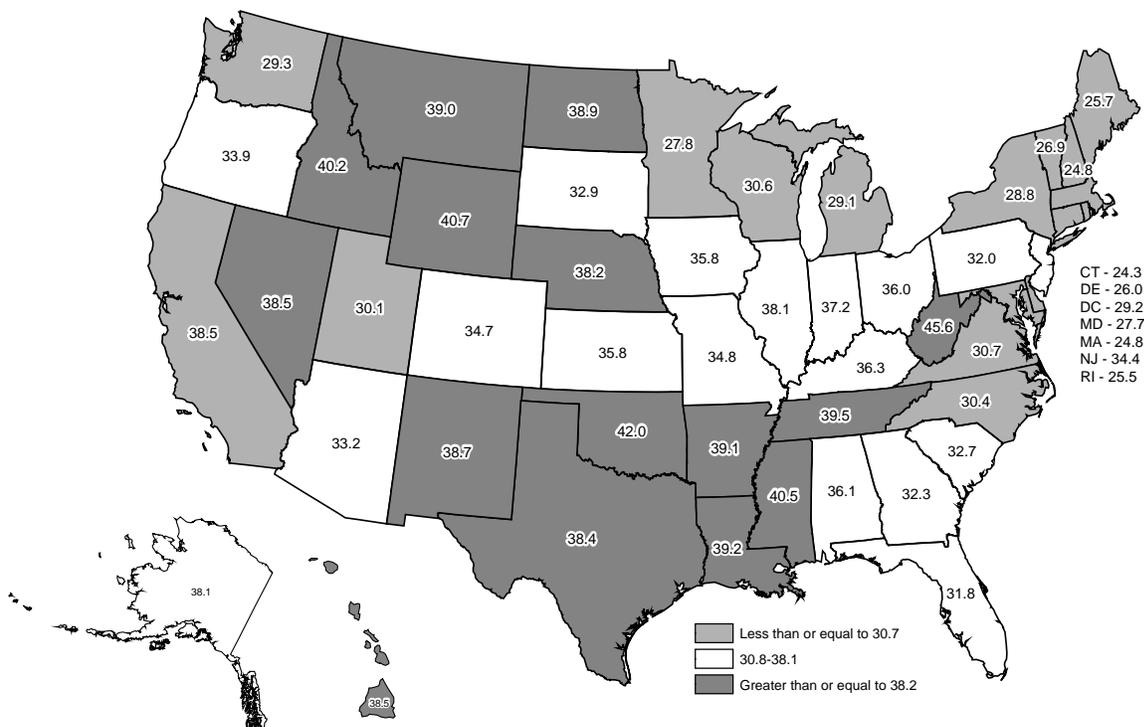
Note: *Results based on sample sizes less than 100 have been suppressed.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2010

National Statistics

The national median for respondents who have never had a sigmoidoscopy or colonoscopy was 34.8 percent. South Dakota had 32.9 percent of respondents who have never had a sigmoidoscopy or colonoscopy. Connecticut had the lowest with 24.3 percent, while West Virginia had the highest percent of respondents who have never had a sigmoidoscopy or colonoscopy with 45.6 percent.

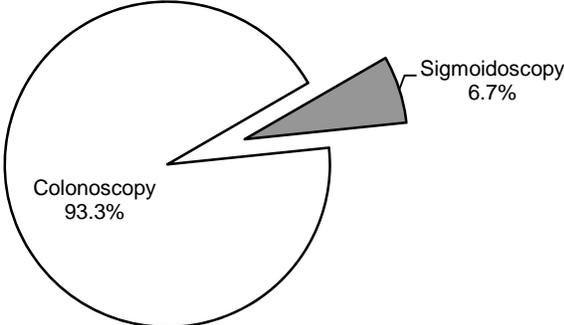
Figure 39
Nationally, Respondents, Age 50 and Older, Who Have Never Had a Sigmoidoscopy or Colonoscopy, 2010



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2010

Figure 40, below, displays the percent of respondents who had a sigmoidoscopy or colonoscopy for their most recent colorectal exam. The majority of respondents who had a colorectal exam said that it was a colonoscopy test with 93.3 percent.

Figure 40
Percent of Respondents Who Had a Sigmoidoscopy or Colonoscopy
for Their Most Recent Colorectal Exam, 2010



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2010