

# A Colorectal Cancer Summary

prepared for

## The Eastern Virginia Colorectal Cancer Roundtable

at

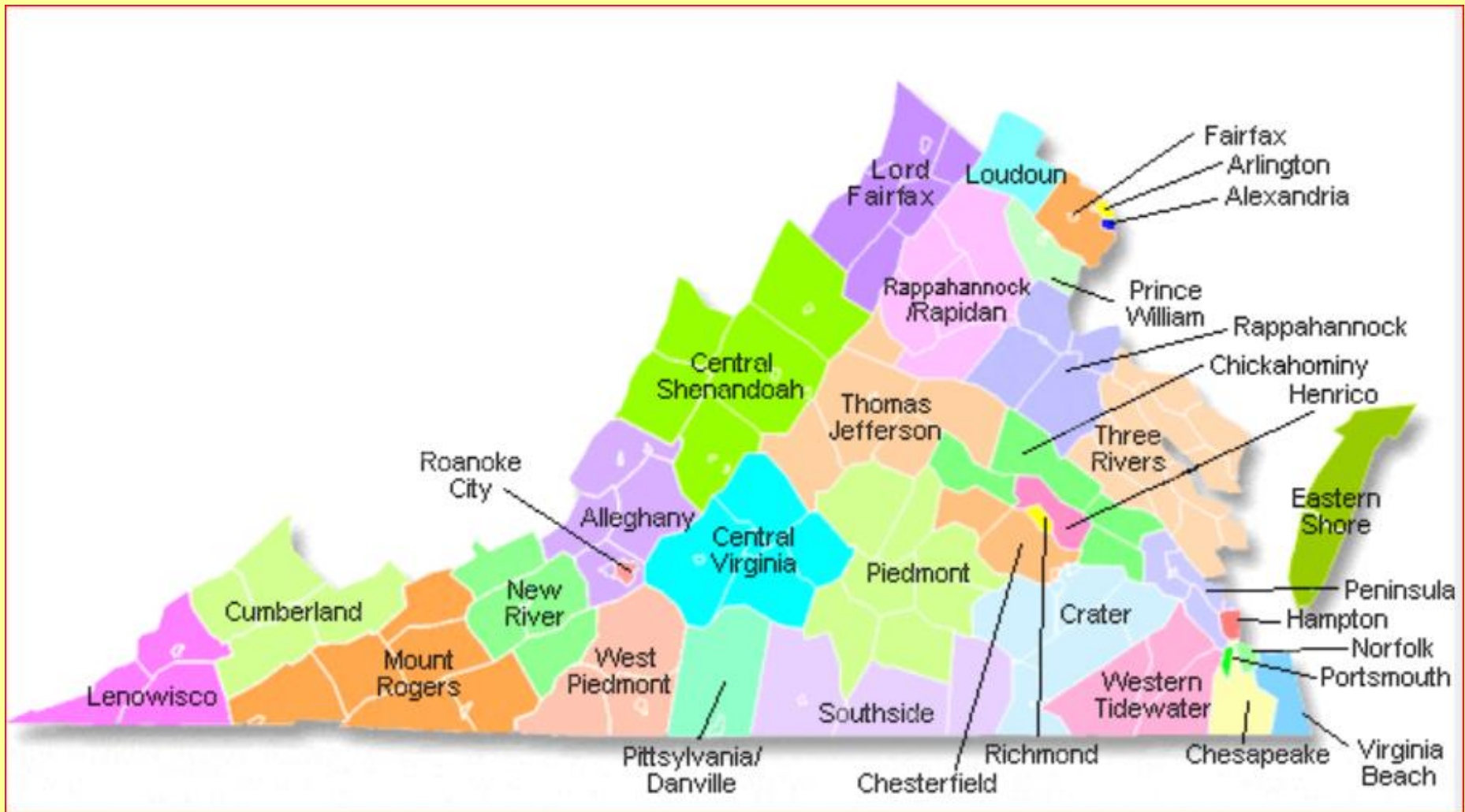
Eastern Virginia Medical School

March 16, 2013

for

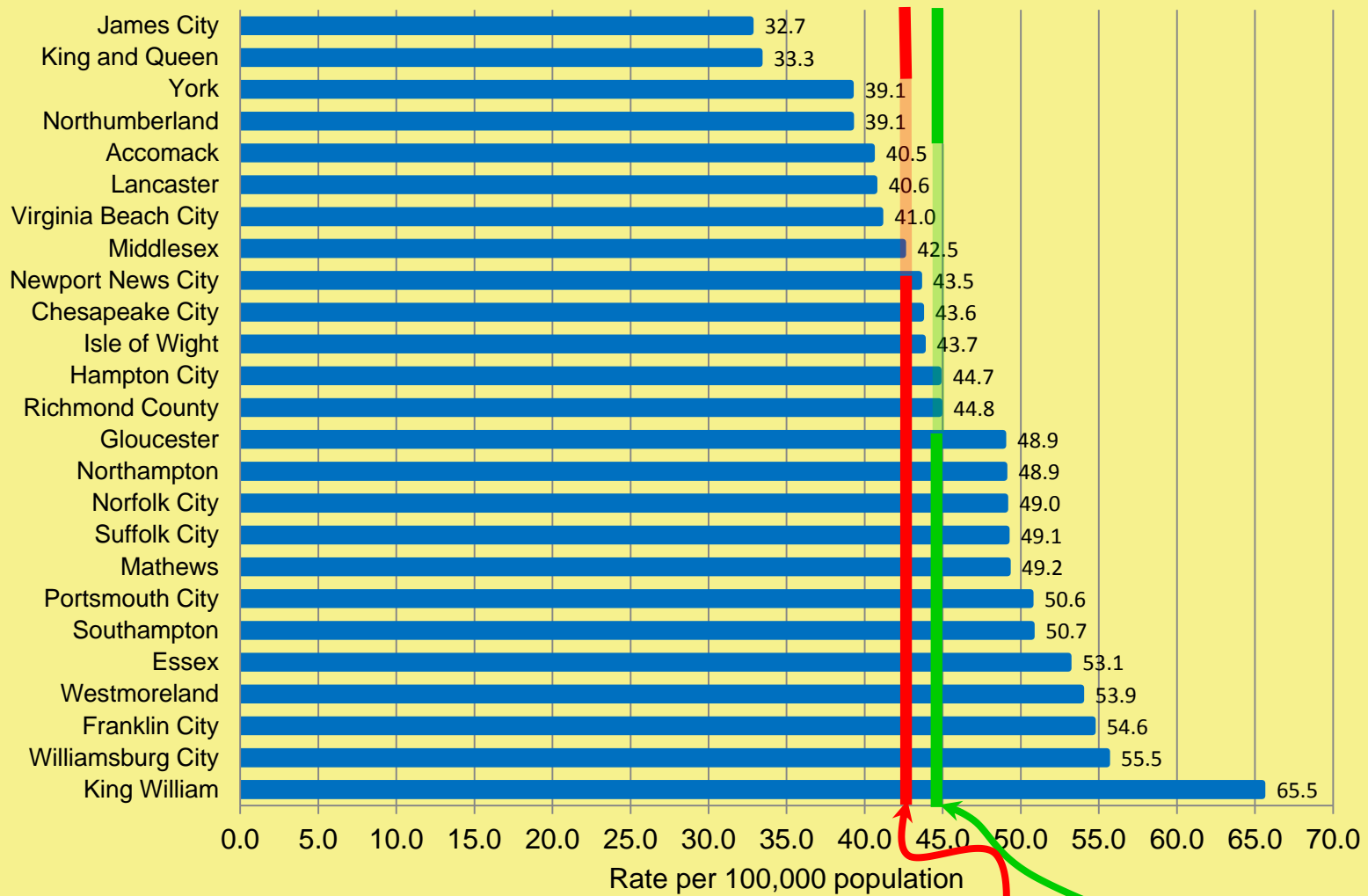
The American Cancer Society's  
80% by 18 Campaign

# Virginia Health Districts



# CANCER INCIDENCE DATA

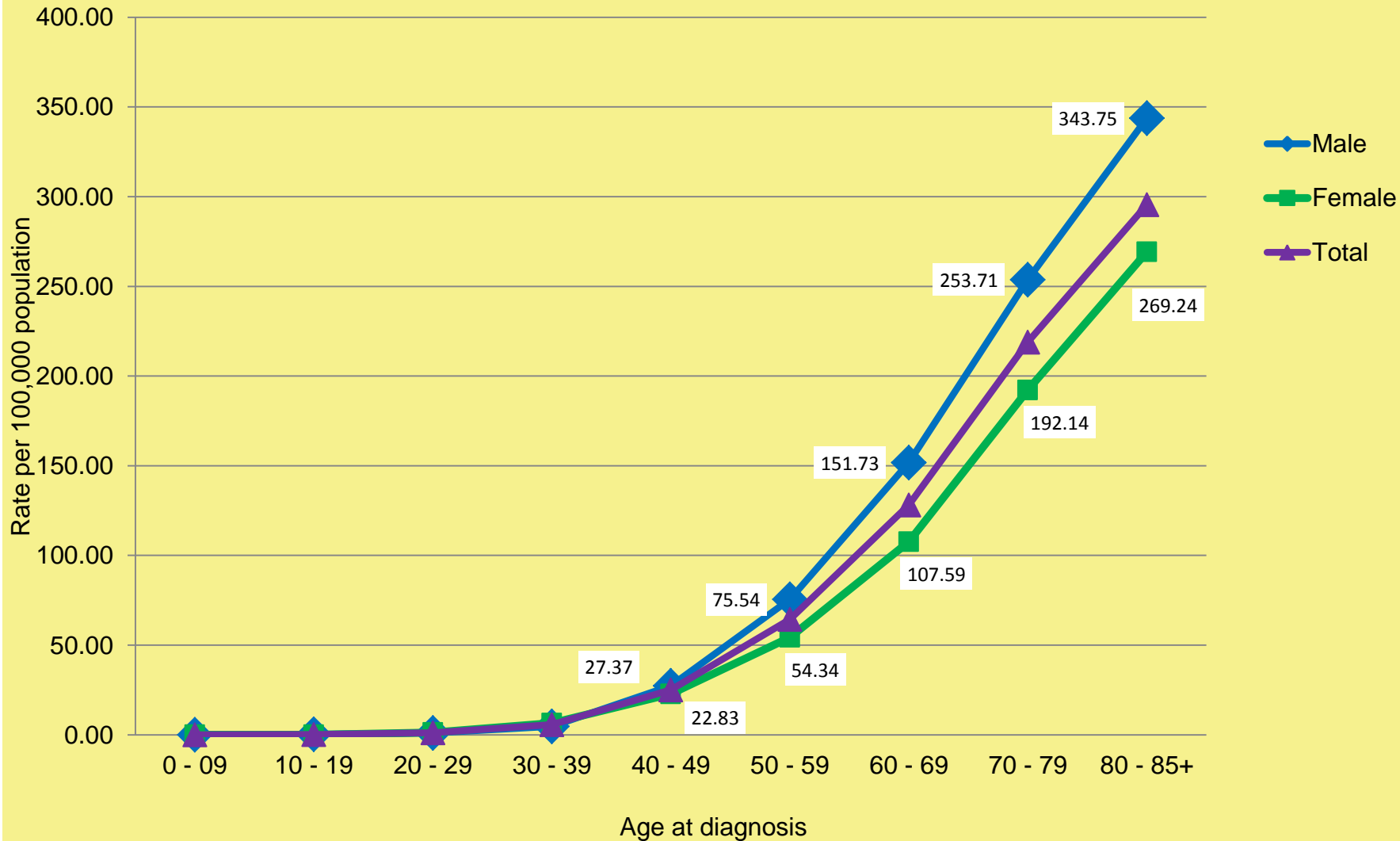
## Age-Adjusted Malignant Cancer Rates in the Eastern Region of Virginia by Locality for the Years 2003 - 2012



Source: Virginia Cancer Registry, March 2016. Rates are adjusted to the 2000 US Census standard 19 age-group population.

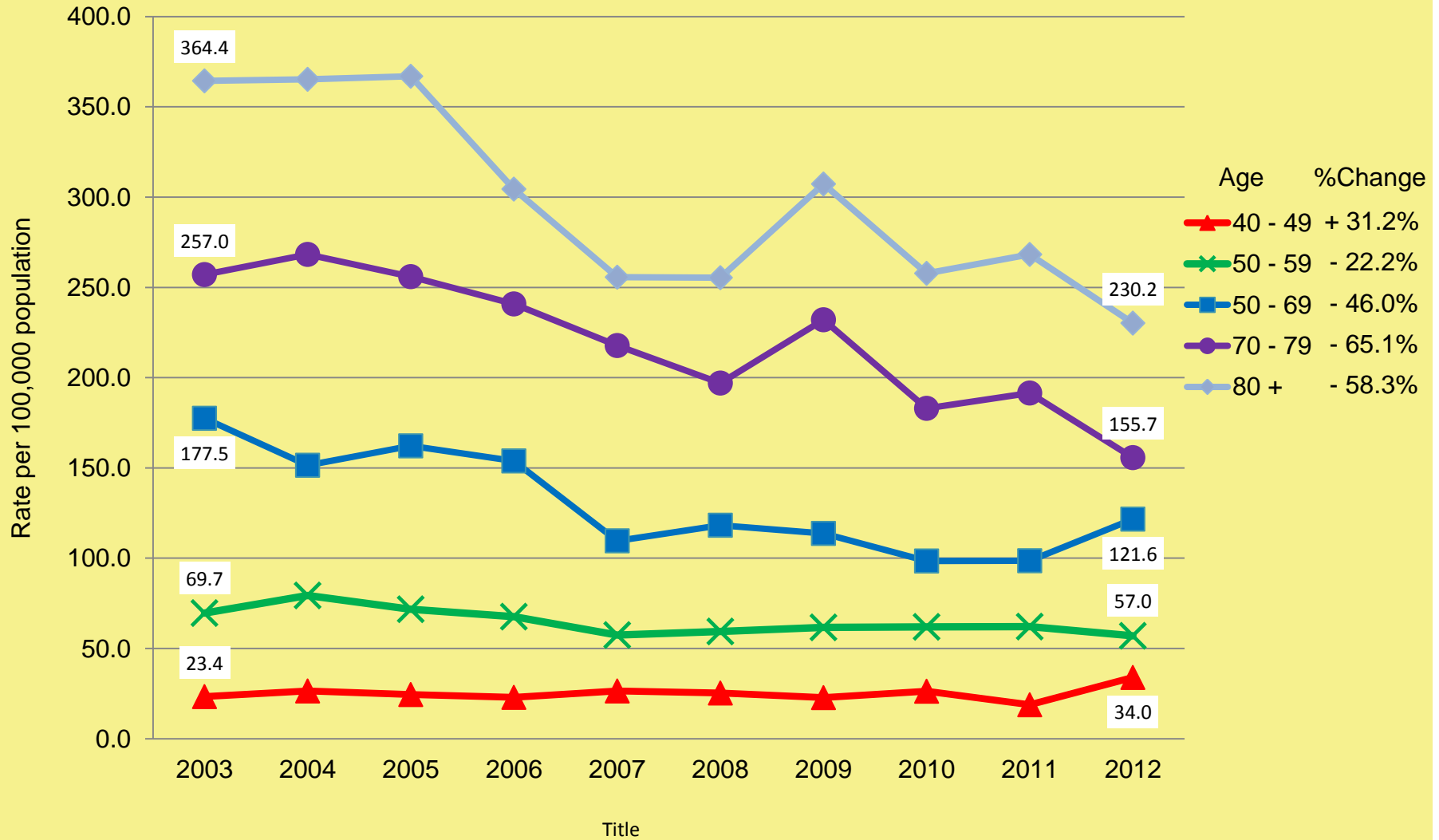
Virginia rate = 42.5, Eastern Region rate = 44.1

# Age-Adjusted Malignant Colorectal Cancer Rates by Sex, Eastern Virginia, 2003 - 2012



Source: Virginia Cancer Registry, March 2016. Rates are adjusted to the 2000 US Census standard 19 age-group population.

## Malignant Colorectal Cancer Age-Adjusted Rates by Age at and Year of Diagnosis, Eastern Region, Virginia, Showing Percent Change Between 2003 and 2012



Source: Virginia Cancer Registry, March 2016. Rates are adjusted to the 2000 US Census standard 19 age-group population.

**Malignant Colorectal Cancer by Race, Age and Highest / Lowest Percent Stage at Diagnosis, Eastern Region of Virginia 2003 - 2012**  
**VCR March 2016**

Race	Age	Stage		Stage		Stage		All stages*	
		Local Count	Percent	Regional Count	Percent	Distant Count	Percent	Total Count	Percent
Black	40 - 49	65	23.5%	93	33.6%	68	24.5%	277	100.0%
	50 - 59	208	36.0%	155	26.9%	111	19.2%	577	100.0%
	60 - 69	226	35.2%	176	27.4%	119	18.5%	642	100.0%
	70 - 79	207	33.9%	171	28.0%	107	17.5%	610	100.0%
	over 80	139	32.3%	108	25.1%	57	13.3%	430	100.0%
White	40 - 49	105	28.2%	130	34.9%	85	22.8%	372	100.0%
	50 - 59	312	37.2%	257	30.6%	146	17.4%	839	100.0%
	60 - 69	433	35.6%	352	29.0%	225	18.5%	1,215	100.0%
	70 - 79	508	38.3%	375	28.2%	204	15.4%	1,328	100.0%
	over 80	417	35.4%	326	27.7%	127	10.8%	1,178	100.0%
All (includes all other)	40 - 49	177	26.1%	233	34.4%	157	23.2%	677	100.0%
	50 - 59	541	36.4%	435	29.2%	263	17.7%	1,488	100.0%
	60 - 69	681	35.7%	545	28.5%	347	18.2%	1,910	100.0%
	70 - 79	735	36.8%	571	28.6%	318	15.9%	1,997	100.0%
	over 80	566	34.6%	444	27.1%	187	11.4%	1,638	100.0%

\* All stages includes not staged.

**Red = highest percentage of cases diagnosed within the sex and stage group.**

**Blue = lowest percentage of cases diagnosed within the sex and stage group.**

Note: Interpret as in this example: "The highest percentage of black diagnoses at the local stage is 36.0% for ages 50 - 59."

Source: Virginia Cancer Registry, March 2016.

Malignant Colorectal Cancer by Race, Age and Highest / Lowest Percent Stage at Diagnosis, Eastern Region of Virginia 2003 - 2012

VCR March 2016

Race	Age	Stage		Stage		Stage		All stages*	
		Local Count	Percent	Regional Count	Percent	Distant Count	Percent	Total Count	Percent
Black	40 - 49		23.5%		33.6%		24.5%		100.0%
	50 - 59		36.0%						100.0%
	60 - 69								100.0%
	70 - 79								100.0%
	over 80				25.1%		13.3%		100.0%
White	40 - 49		28.2%		34.9%		22.8%		100.0%
	50 - 59		37.2%						100.0%
	60 - 69								100.0%
	70 - 79								100.0%
	over 80				27.7%		10.8%		100.0%
All	40 - 49		26.1%		34.4%		23.2%		100.0%
	50 - 59								100.0%
	60 - 69								100.0%
	70 - 79		36.8%						100.0%
	over 80				27.1%		11.4%		100.0%

\* All stages includes not staged.

Red = highest percentage of cases diagnosed within the sex and stage group.

Blue = lowest percentage of cases diagnosed within the sex and stage group.

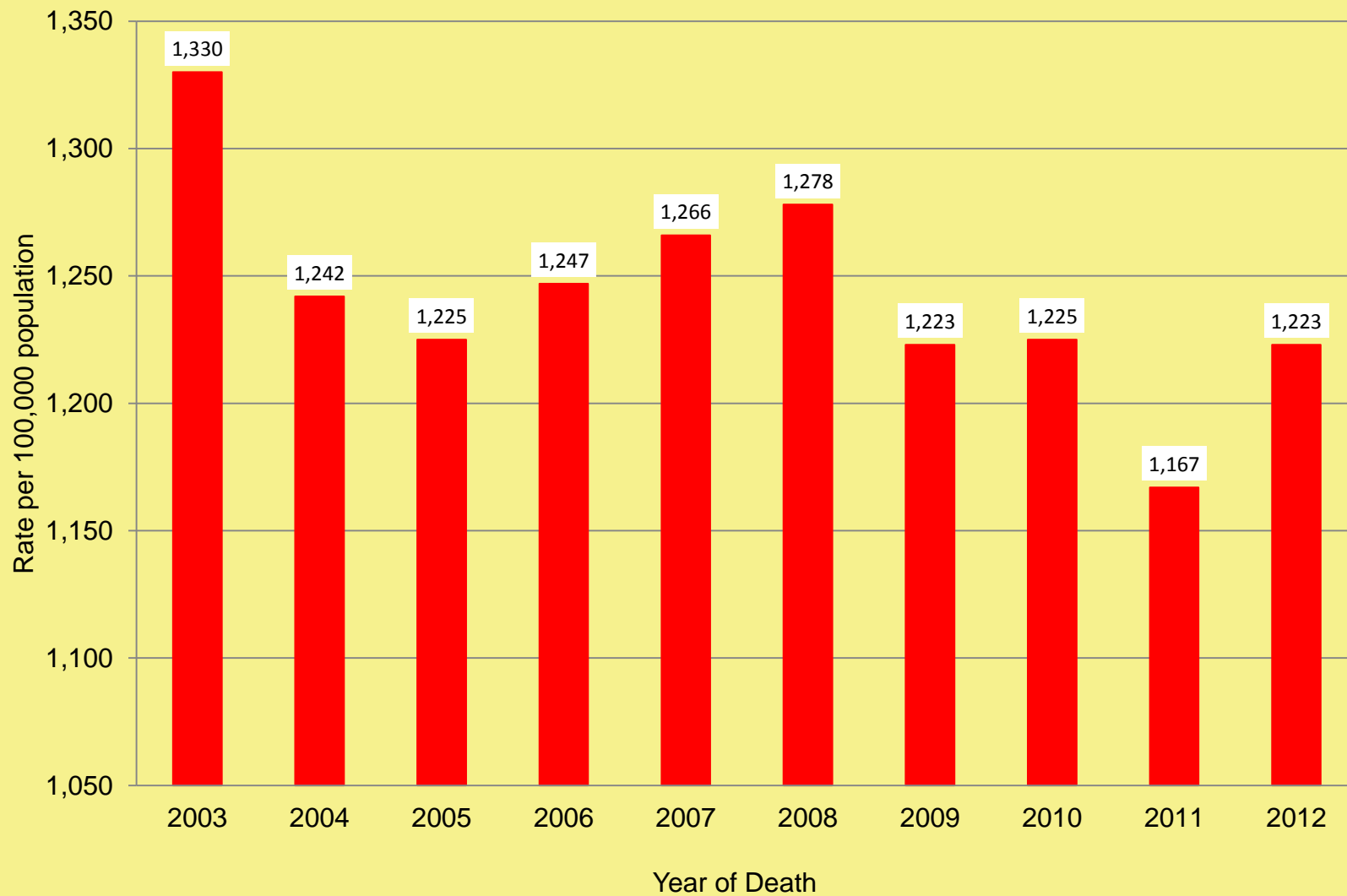
Note: Interpret as in this example: "The highest percentage of black diagnoses at the local stage is 36.0% for ages 50 - 59."

Source: Virginia Cancer Registry, March 2016.

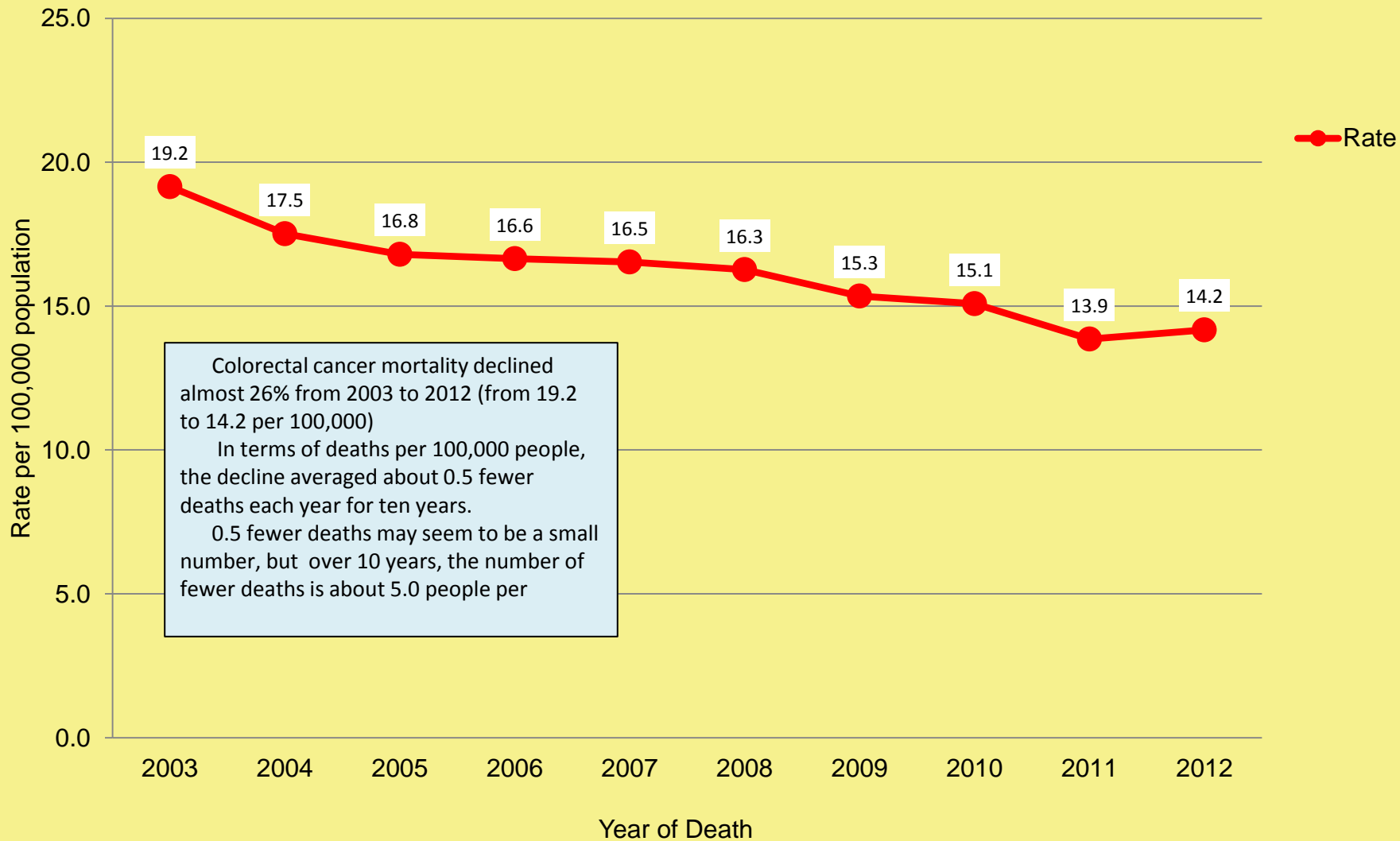


# CANCER MORTALITY DATA

## Number of Colorectal Cancer Deaths by Year, Virginia, 2003 - 2012



## Age-Adjusted Malignant Colorectal Cancer Death Rates by Year of Death, Virginia, 2003 - 2012



# CANCER SCREENING DATA



# Colorectal Cancer Screening

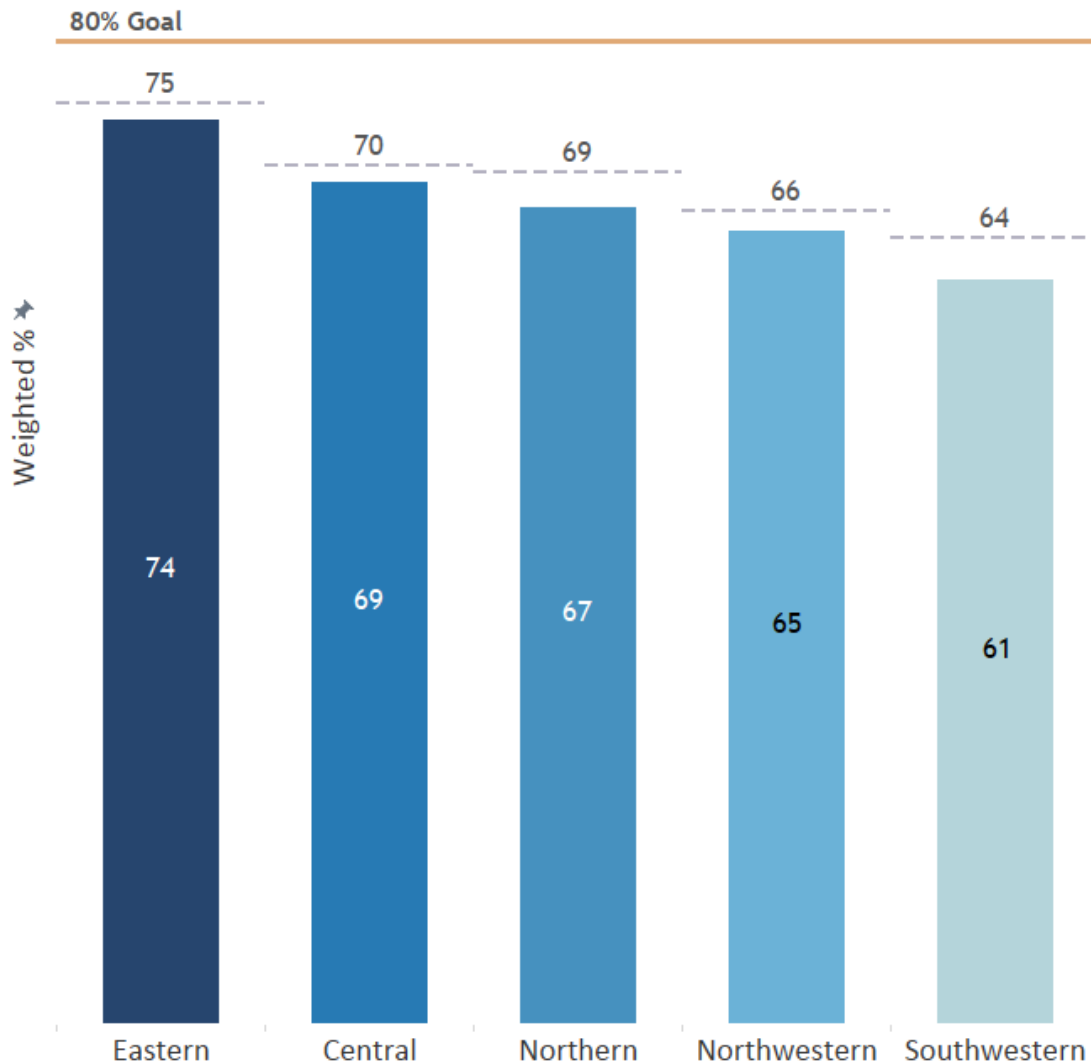
- In 2014, an estimated 66.9% of Virginia adults aged 50 to 75 years reported having a colonoscopy in the past 10 years, while 69.1% reported U.S. Preventive Services Task Force (USPSTF) recommended colorectal cancer screening.
- The prevalence of USPSTF colorectal cancer screening was similar by race/ethnicity, but increased with age, household income and education.

Demographic Characteristics	Had Colonoscopy in the past 10 Years		Had USPSTF Recommended Colorectal Screening	
	%	95% Confidence Interval	%	95% Confidence Interval
<b>Virginia Total</b>	<b>66.9</b>	<b>(65.1 -68.8)</b>	<b>69.1</b>	<b>(67.3-70.9)</b>
<b>Age</b>				
50-59	60.1	(57.2 -63.0)	62.0	(59.2-64.9)
60-69	72.2	(69.5 -74.8)	74.4	(71.8-76.9)
70-75	76.1	(72.3 -79.9)	78.7	(75.2-82.3)
<b>Gender</b>				
Male	64.4	(61.5 -67.2)	66.4	(63.5-69.2)
Female	69.3	(67.0 -71.5)	71.6	(69.4-73.8)
<b>Race/Ethnicity</b>				
White non-Hispanic	68	(66.1 -70.0)	70.0	(68.0-71.9)
Black non-Hispanic	64.2	(59.3 -69.1)	66.7	(61.8-71.9)
Other non-Hispanic	64.3	(55.1 -73.5)	68.1	(59.3-76.9)
Hispanic	63.5	(50.2 -76.8)	66.2	(53.3-79.1)
<b>Household Income</b>				
\$15,000 or less	46.7	(39.2 -54.2)	47.9	(40.3-55.4)
\$15,000 - \$25,000	56.1	(50.7 -61.5)	60.1	(54.7-65.5)
\$25,000 - \$35,000	65.8	(59.4 -72.2)	67.6	(61.2-74.0)
\$35,000 - \$50,000	66	(60.7 -71.3)	68.6	(63.3-73.8)
\$50,000 or more	73.3	(70.9 -75.7)	75.1	(72.7-77.4)
<b>Education</b>				
< H.S.	47.8	(41.2 -54.4)	49.3	(42.7-56.0)
H.S. or G.E.D.	62.8	(59.3 -66.3)	66.1	(62.7-69.5)
Some College	69.9	(66.5 -73.3)	72.1	(68.8-75.4)
College Graduate	74.8	(72.3 -77.3)	76.2	(73.8-78.6)



# Colorectal Cancer Screening by Region

- As of 2014, all Virginia Health Regions (HR) are currently under the **80% goal** for adults aged 50 to 75 who reported USPSTF recommend colorectal screening.
- Blue** bars show the percent of adults aged 50 to 75 years who reported having a *colonoscopy in the past 10 years* by Health Region (HR).
- Grey dashes show the percent of adults aged 50 to 75 years who reported *USPSTF recommended colorectal screening* by HR.

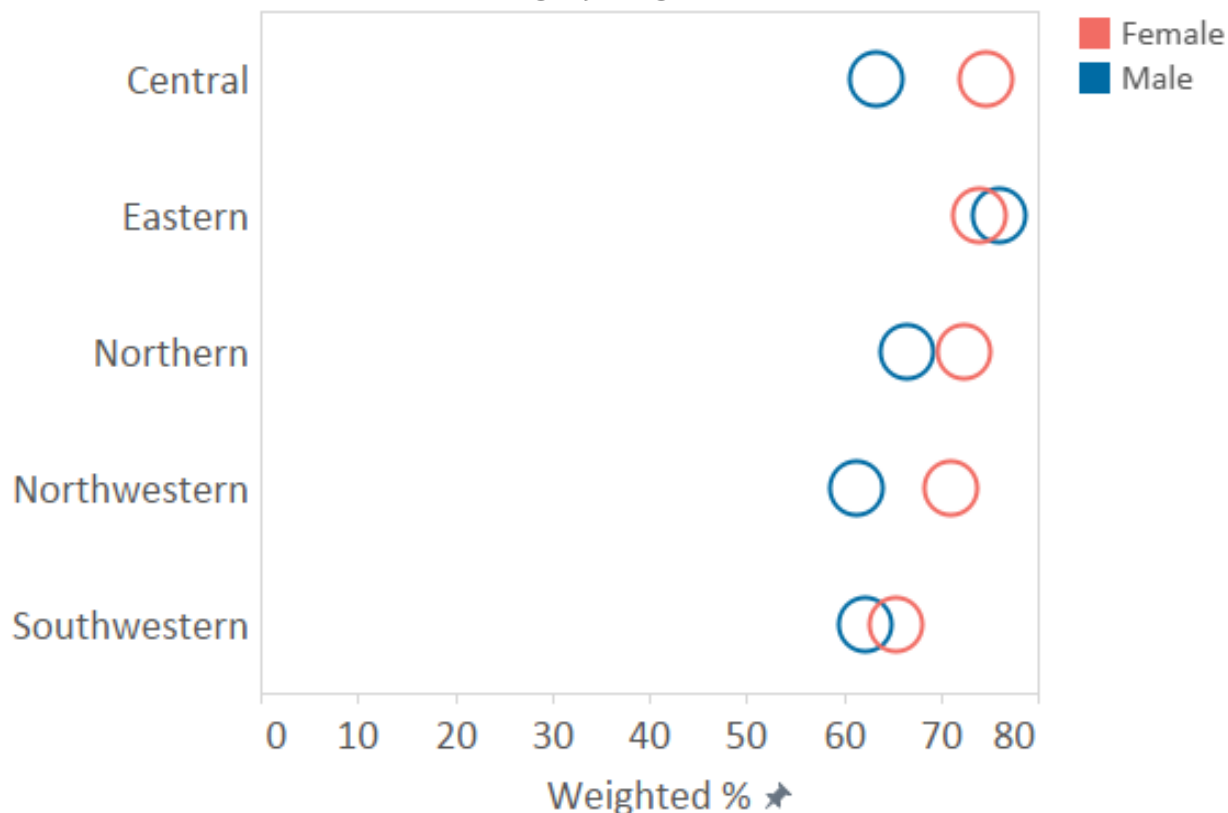




# Colorectal Cancer Screening by Region Continued

- In 2014, females aged 50 to 75 years reported higher USPSTF recommended screening percentages compared to males in Central, Northern, Northwestern and Southwestern HR.
- Eastern HR is the only exception with 76% of males reporting USPSTF recommended screening compared to 74% of females.

Had USPSTF Recommended Colorectal Screening by Region and Sex

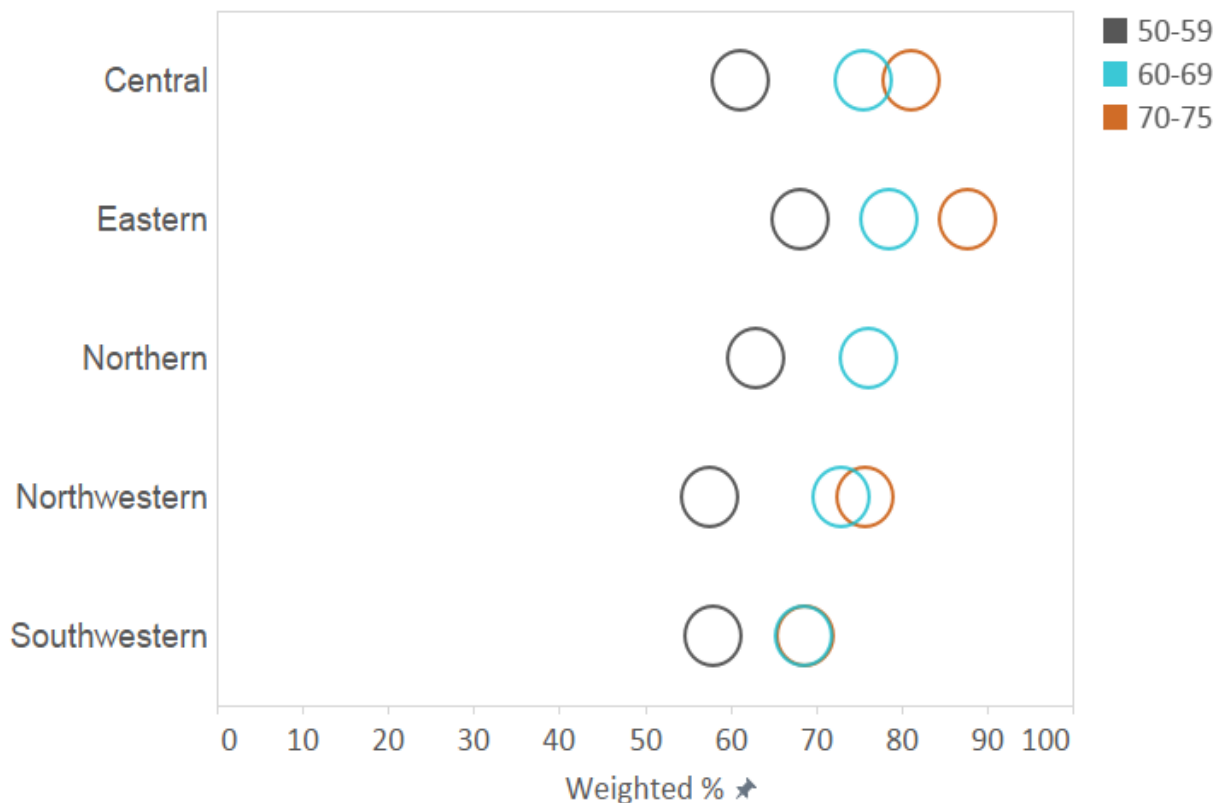




# Colorectal Cancer Screening by Region Continued

- In 2014, adults aged 50-59 years reported lower USPSTF recommended screening percentages compared to adults aged 60 -69 and 70-75 years for all HRs.
- The Northern HR age category 70-75 is not included due to a small sample size.

Had USPSTF Recommended Colorectal Screening by Region and Age Category







# Colorectal Cancer Screening Eastern Health Region



Data source: Virginia Department of Health, Division of Policy and Evaluation, Behavioral Risk Factor Surveillance Survey, 2014. Weighted counts and weighted percentages are weighted to population characteristics. Responses of don't know/not sure, refused, or missing were removed from the numerator and denominator in all estimates.