

A Colorectal Cancer Summary

prepared for

The Central Virginia Colorectal Cancer Roundtable

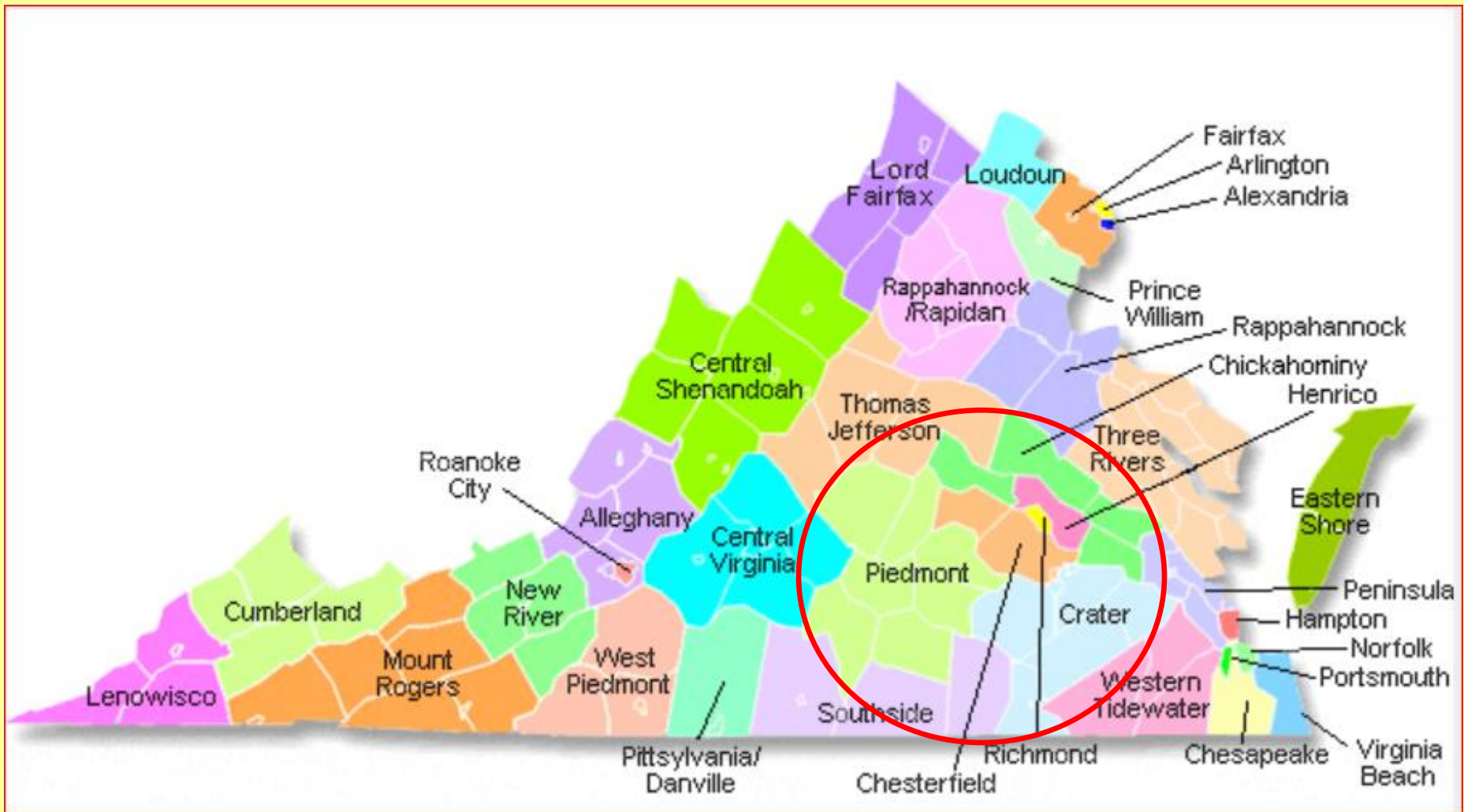
presented on

March 17, 2016

for

The American Cancer Society's 80% by 18 Campaign

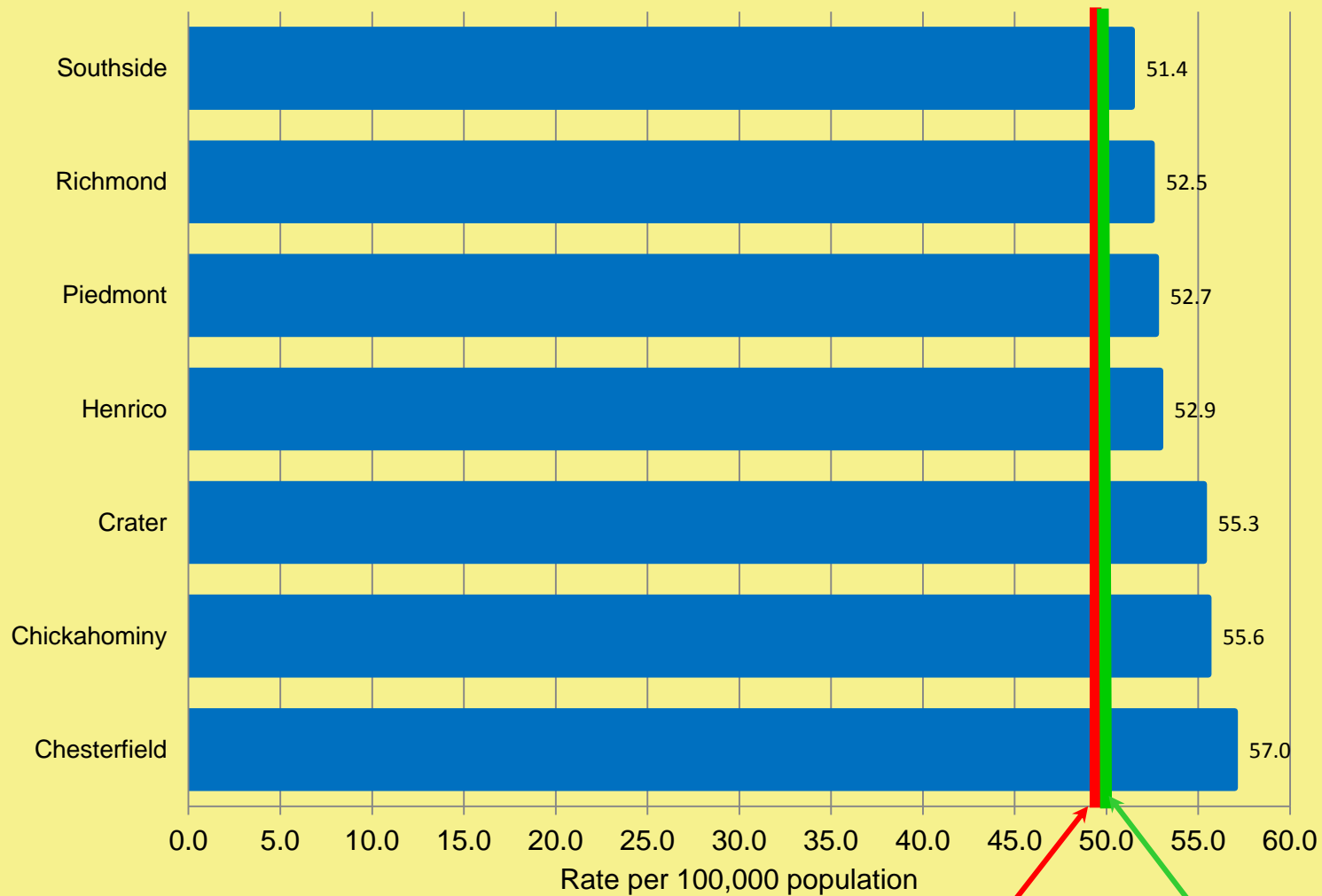
Virginia Health Districts



The red oval roughly approximates the VDH Central Region (very roughly)

CANCER INCIDENCE DATA

Age-Adjusted Malignant Cancer Rates in the Central Region of Virginia by Health District for the Years 2003 - 2012

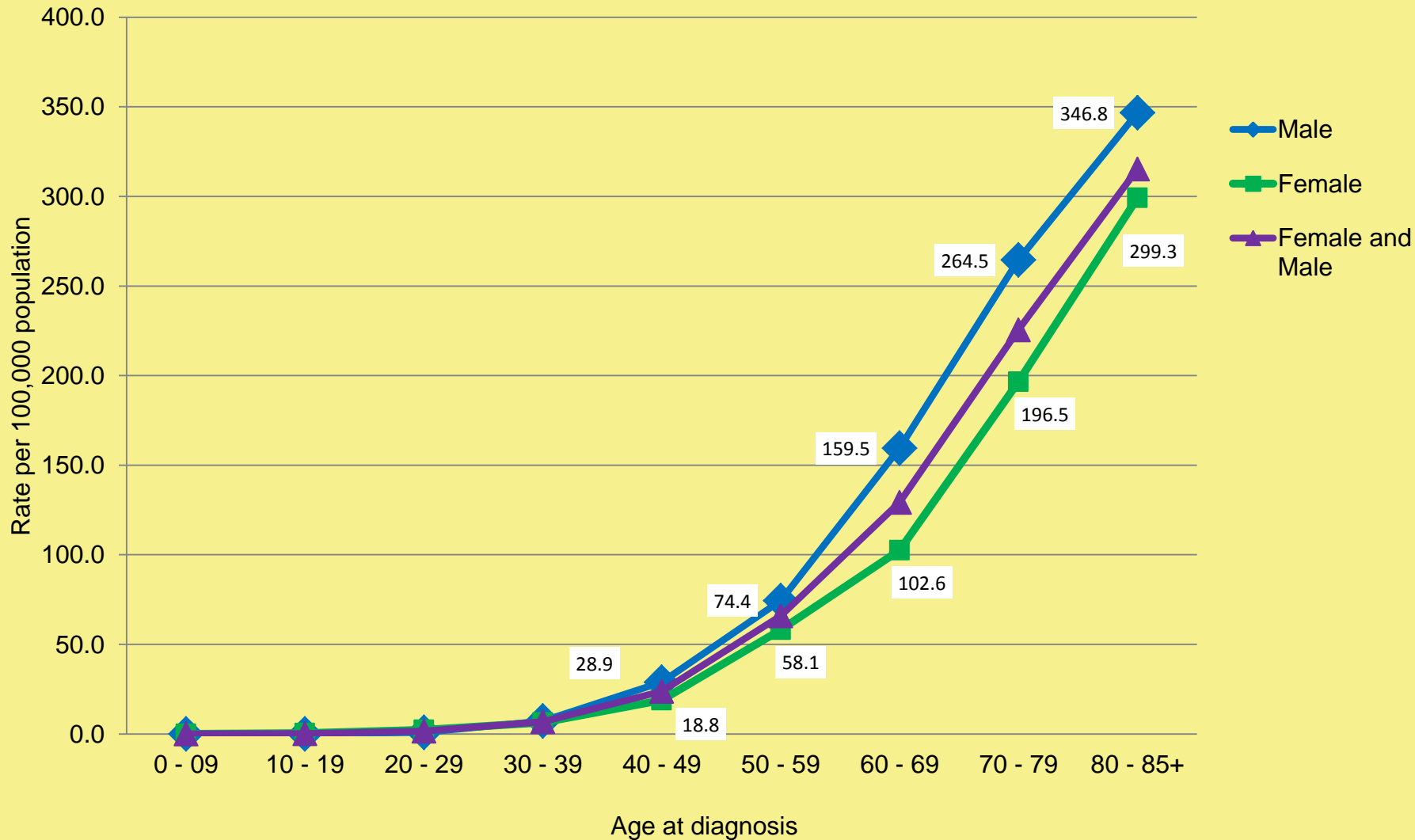


Source: Virginia Cancer Registry, March 2016. Rates are adjusted to the 2000 US Census standard 19 age-group population.

Virginia rate = 49.8,

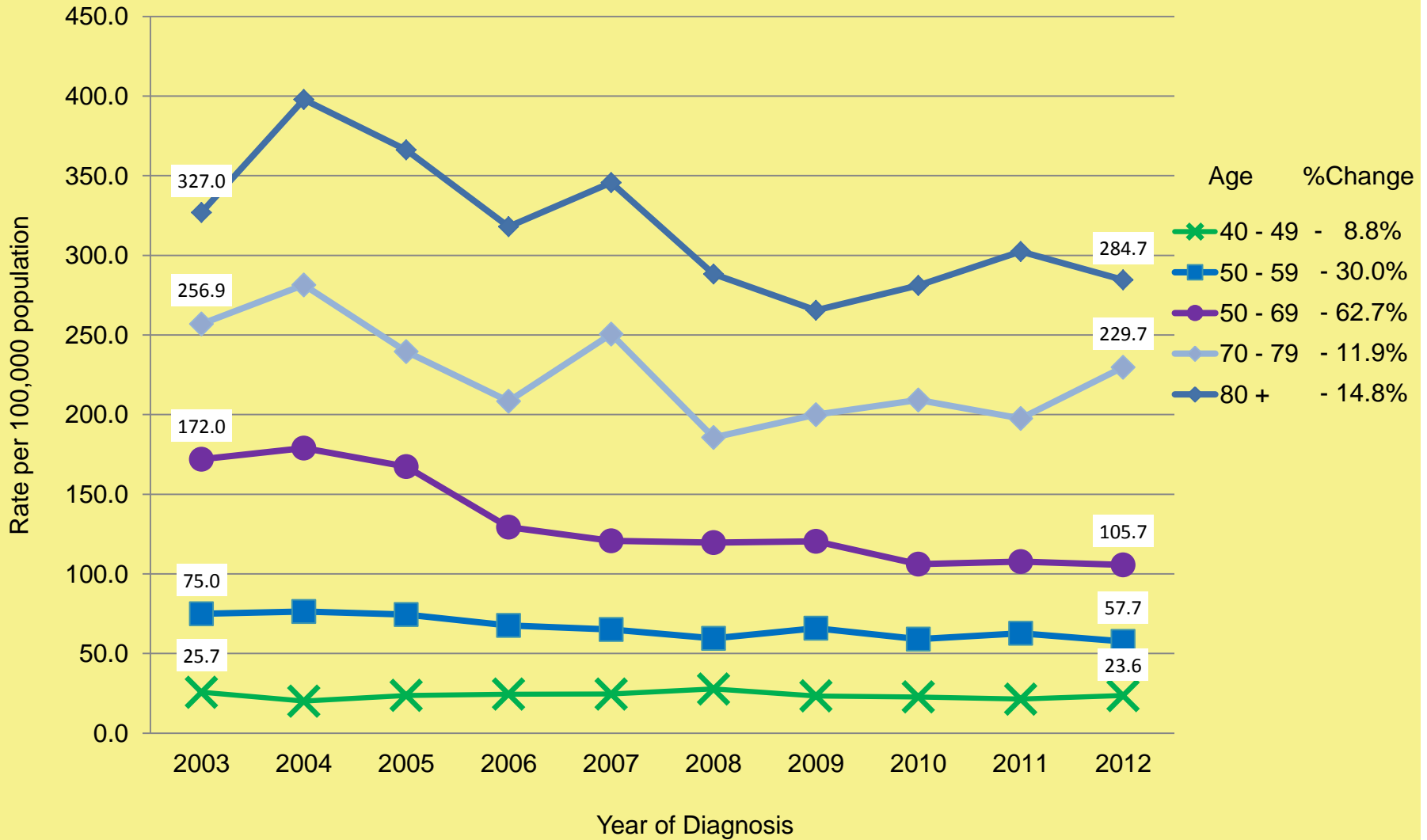
Central Region rate = 49.9

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



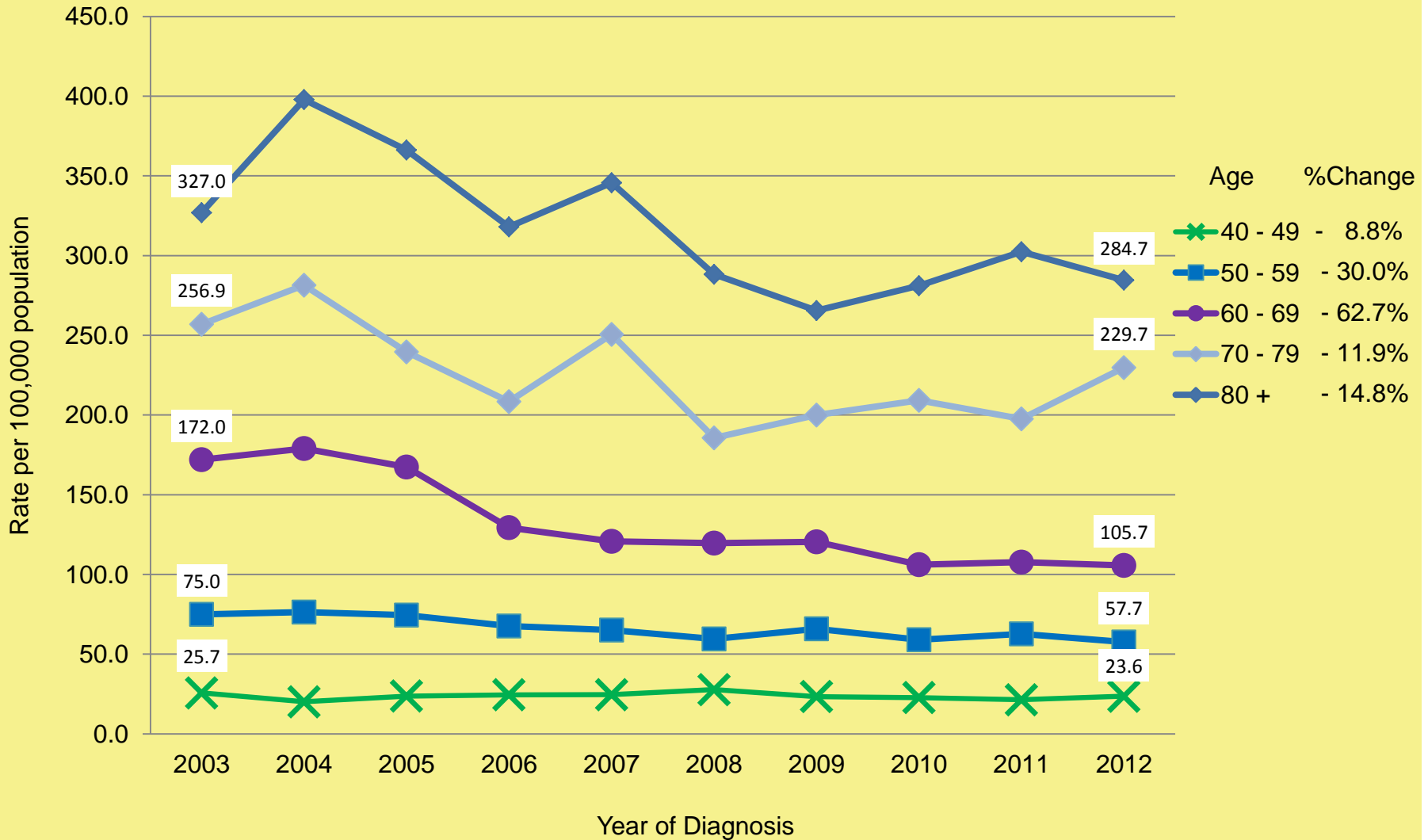
Source: Virginia Cancer Registry, March 2016. Rates are adjusted to the 2000 US Census standard 19 age-group population.

Malignant Colorectal Cancer Age-Adjusted Rates by Age at and Year of Diagnosis, Central 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 Age-Adjusted Rates by Age at and Year of Diagnosis, Central 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, Central 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	50	31.8%	53	33.8%	54	34.4%	157	100.0%
	50 - 59	174	41.9%	139	33.5%	102	24.6%	415	100.0%
	60 - 69	188	44.2%	151	35.5%	86	20.2%	425	100.0%
	70 - 79	146	42.0%	130	37.4%	72	20.7%	348	100.0%
	over 80	92	39.0%	80	33.9%	64	27.1%	236	100.0%
White	40 - 49	85	33.5%	110	43.3%	59	23.2%	254	100.0%
	50 - 59	216	37.3%	228	39.4%	135	23.3%	579	100.0%
	60 - 69	357	43.5%	306	37.3%	158	19.2%	821	100.0%
	70 - 79	442	48.1%	323	35.1%	154	16.8%	919	100.0%
	over 80	363	44.8%	294	36.3%	154	19.0%	811	100.0%
All (includes all other)	40 - 49	138	32.9%	165	39.4%	116	27.7%	419	100.0%
	50 - 59	408	39.7%	381	37.0%	240	23.3%	1029	100.0%
	60 - 69	554	43.6%	468	36.9%	248	19.5%	1270	100.0%
	70 - 79	595	46.5%	456	35.6%	229	17.9%	1280	100.0%
	over 80	463	43.6%	380	35.7%	220	20.7%	1063	100.0%

* All stages does not 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, Central Region of Virginia 2003 - 2012
VCR March 2016

Race	Age	Stage			All stages* Total
		Local	Regional	Distant	
Black	40 - 49		31.8%	33.8%	34.4%
	50 - 59				
	60 - 69		44.2%		20.2%
	70 - 79			37.4%	
	over 80				
White	40 - 49		33.5%	43.3%	23.2%
	50 - 59				
	60 - 69		43.5%		19.2%
	70 - 79			35.1%	
	over 80				
All (includes all other)	40 - 49		32.9%	39.4%	27.7%
	50 - 59				
	60 - 69		43.6%		19.5%
	70 - 79			35.6%	
	over 80				

Diagnosis at an early stage results in better treatment outcomes. Therefore, higher percentages of early stage diagnoses are preferable.

* All stages does not includes not staged.

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

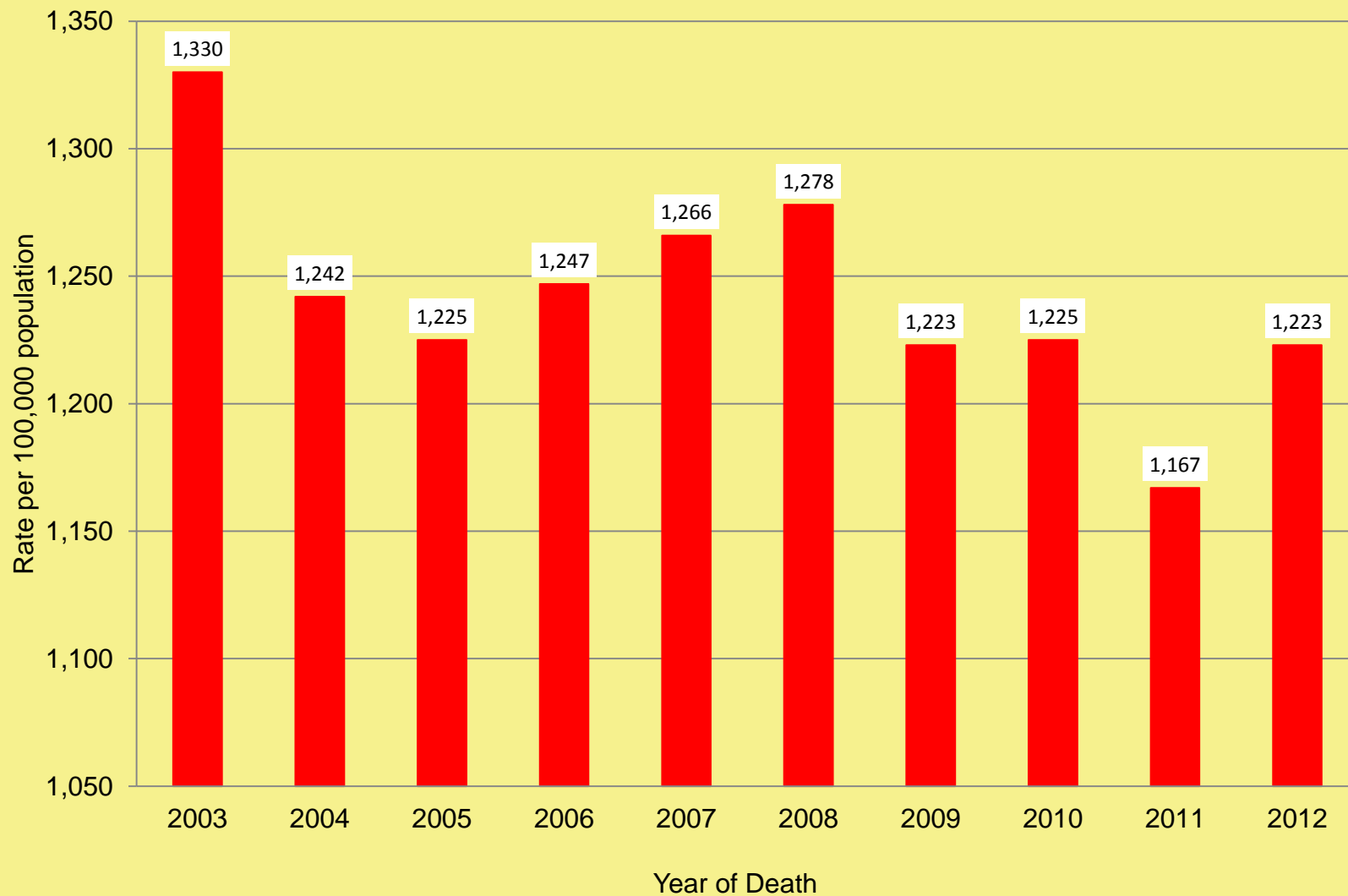
Blue = lowest percentage of cases diagnosed within the sex and stage group.

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.

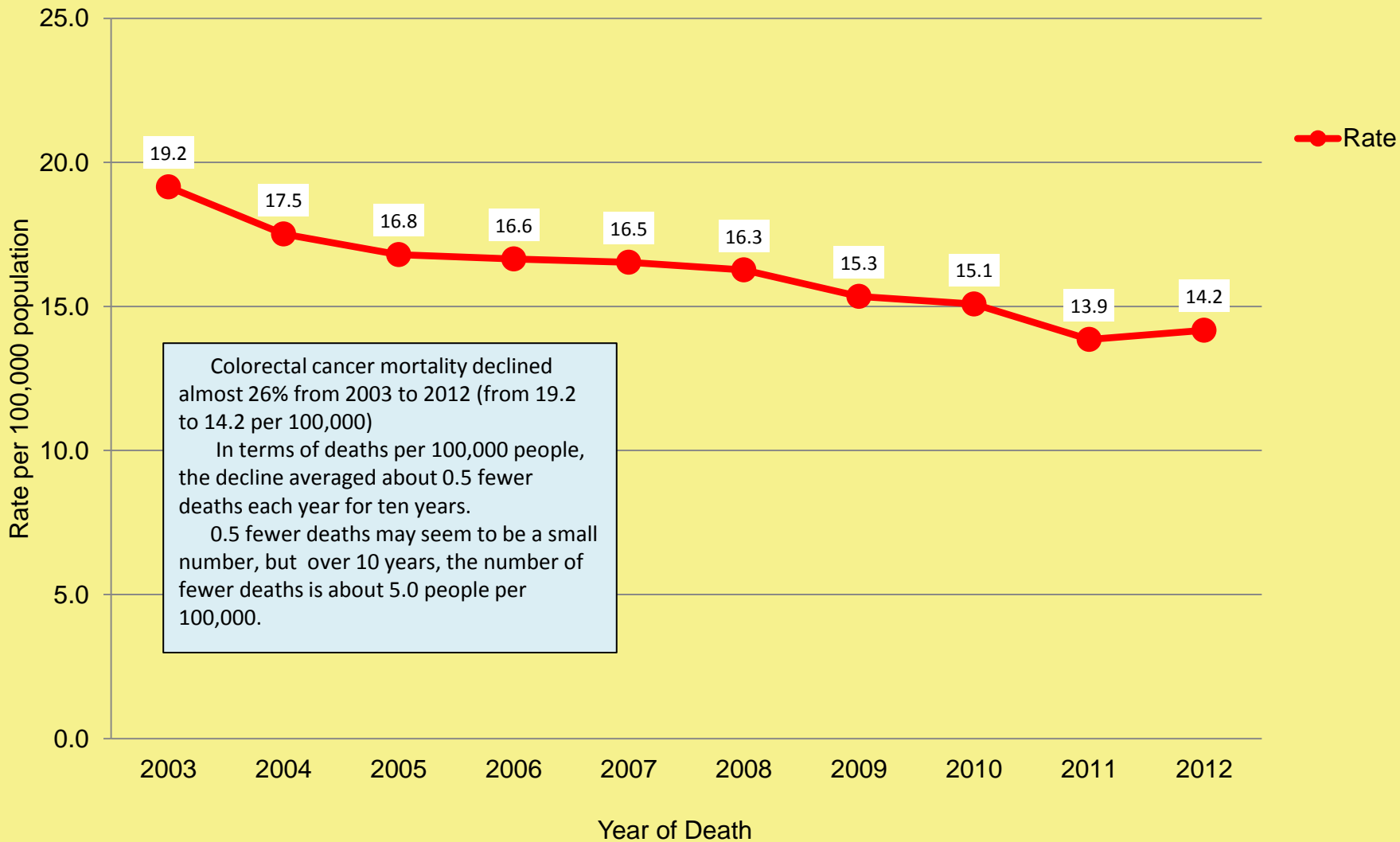
CANCER MORTALITY DATA

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



Source: Virginia Cancer Registry, March 2016.

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



Source: Virginia Cancer Registry, March 2016. Rates are

CANCER SCREENING DATA



Colorectal Cancer Screening

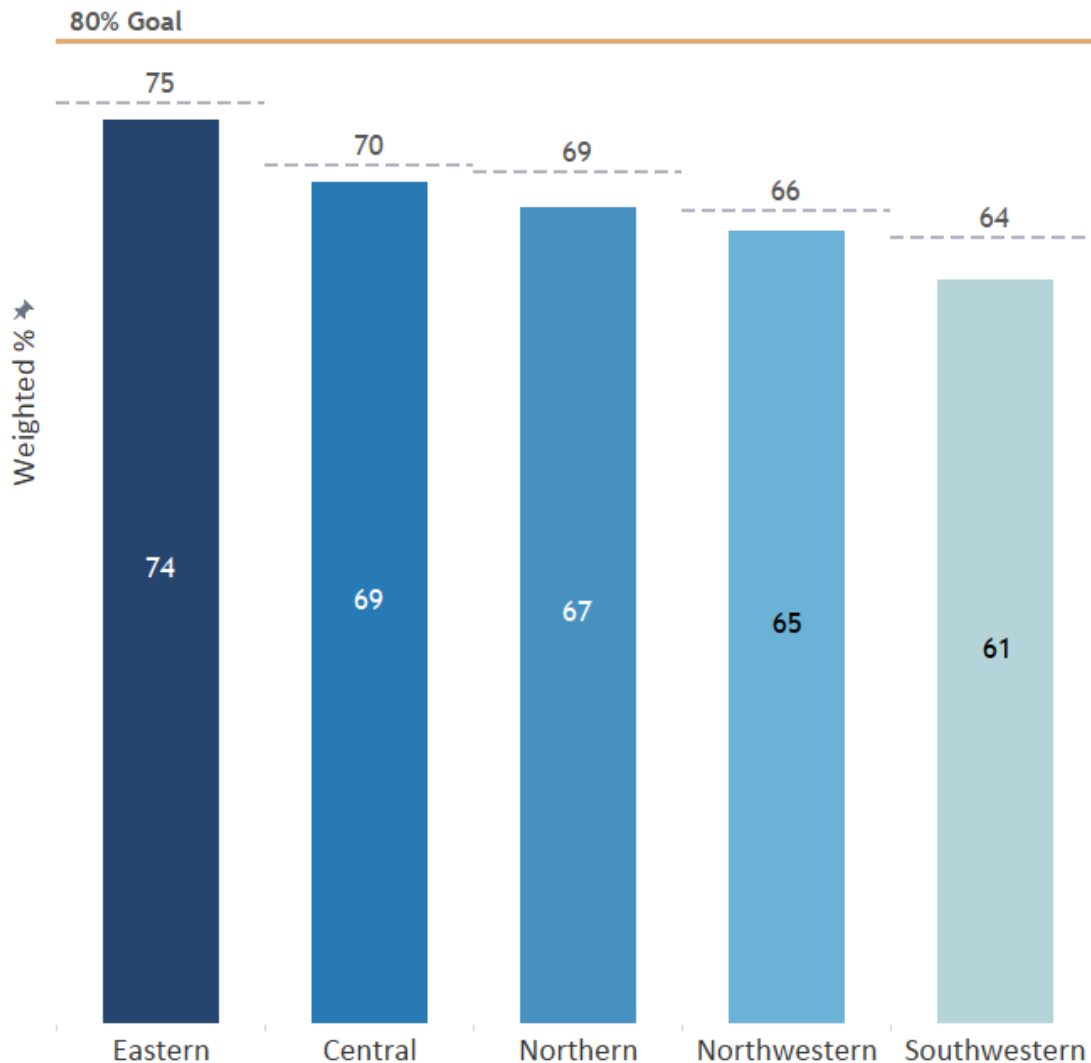
- In 2014, an estimated 66.9% of Virginia adults aged 50 to 75 years reported having a colonoscopy in the past 10 years, while 69.1% reported U.S. Preventive Services Task Force (USPSTF) recommended colorectal cancer screening.
- The prevalence of USPSTF colorectal cancer screening was similar by race/ethnicity, 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
Virginia Total	66.9	(65.1 -68.8)	69.1	(67.3-70.9)
Age				
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)
Gender				
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)
Race/Ethnicity				
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)
Household Income				
\$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)
Education				
< 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

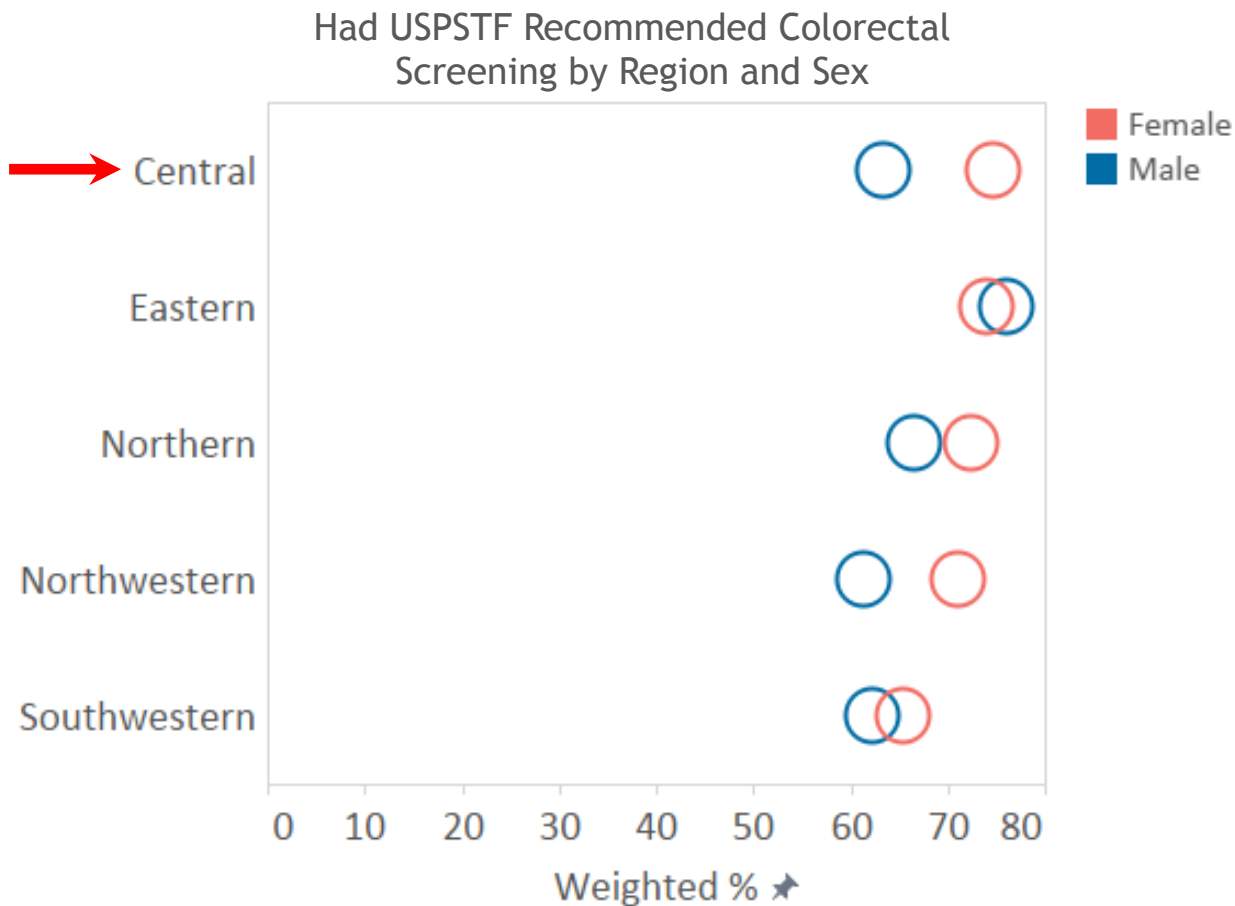
- As of 2014, all Virginia Health Regions (HR) are currently under the **80% goal** for adults aged 50 to 75 who reported USPSTF recommend colorectal screening.
- Blue** bars show the percent of adults aged 50 to 75 years who reported having a *colonoscopy in the past 10 years* by Health Region (HR).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

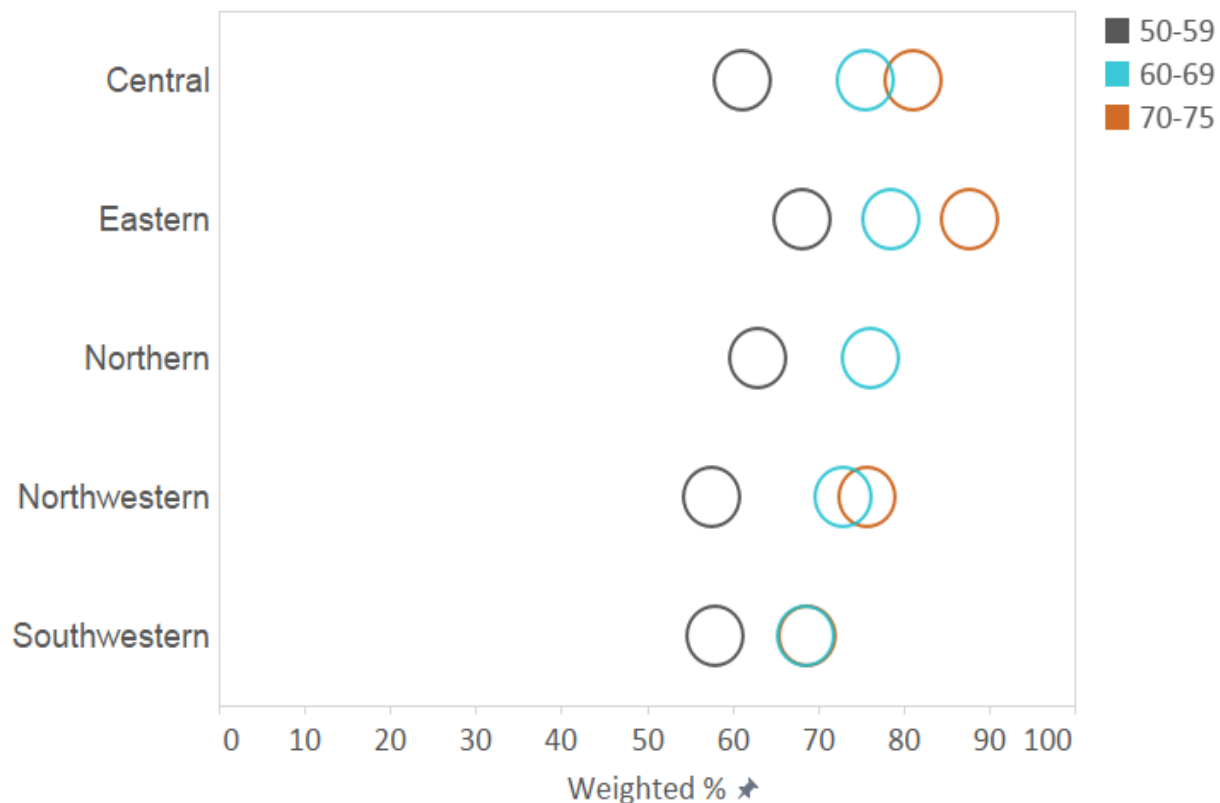




Colorectal Cancer Screening by Region Continued

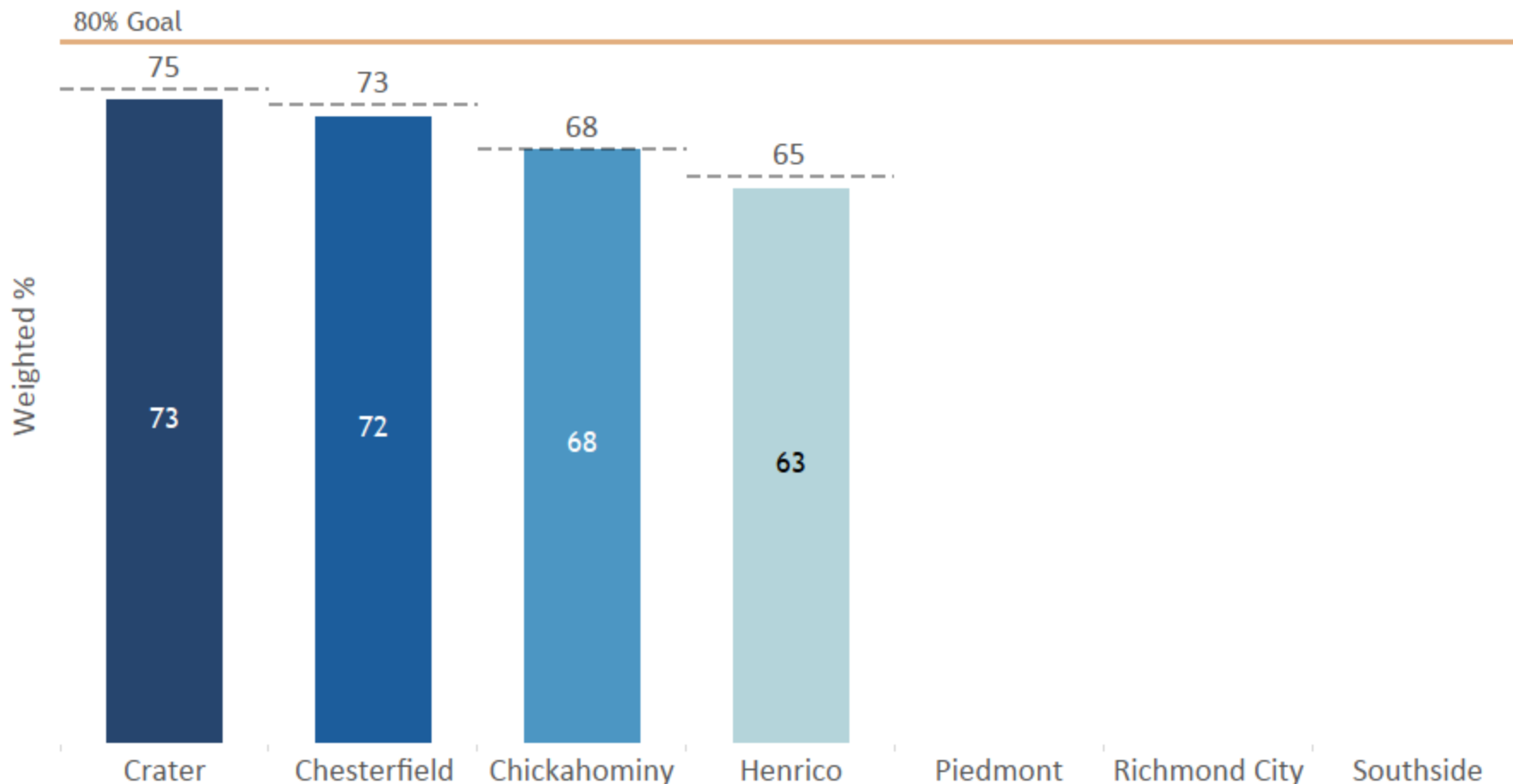
- In 2014, adults aged 50-59 years reported lower USPSTF recommended screening percentages compared to adults aged 60 -69 and 70-75 years for all HRs.
- The Northern HR age category 70-75 is not included due to a small sample size.

Had USPSTF Recommended Colorectal Screening by Region and Age Category





Colorectal Cancer Screening Central Health Region



Thank You for Paying Attention to This Presentation

If we have the time, please ask
questions

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