



# Senate District 45

## Cancer Profile

August 2013

### Impact of Cancer on Your Constituents

In the United States, 1 in 2 men and 1 in 3 women will develop a life threatening cancer during their lifetime. The American Cancer Society (ACS) estimates that 1,660,290 new cases of cancer will be diagnosed in the United States in 2013. This translates to 4,549 new diagnoses each day. Furthermore, an estimated 580,350 people in the United States are expected to die from cancer in 2013.

In South Carolina, ACS estimates 27,620 new cases of cancer will be diagnosed in 2013 or over 76 new cancer cases diagnosed each day, while an estimated 9,800 South Carolinians will die from cancer in 2013.

Table 1. Actual Cancer Cases\* and Deaths in for SC & Senate District 45, 2010

	South Carolina		Senate District 45	
	New Cases	Lives Lost	New Cases	Lives Lost
All	23,260	9,323	428	188
Male	12,195	5,046	239	108
Female	11,062	4,277	189	80
White	17,404	6,799	201	71
Black	5,428	2,374	219	116

\*Does not include *in situ* cases, except for bladder.

As seen in Table 1 there was a total of **428** new cancer cases and **188** deaths from cancer during 2010 for District 45.

Cancers diagnosed in late stages lessen the potential for successful treatment and raise the risk of premature loss of life. Table 2 shows the percentage of cancers diagnosed in early and late stages of disease in South Carolina and in District 45.

Table 2. All Cancers by Stage of Diagnosis, 2006-2010

	South Carolina	Senate District 45
	Percent of all cancers	Percent of all cancers
Early Stage	50	44
Late Stage	38	41
Unknown Stage	11	15

### Breast Cancer

Breast cancer was the most commonly diagnosed cancer among women in South Carolina. South Carolina ranks 15th in the nation for breast cancer deaths. There were **3,395** new female breast cancer cases diagnosed and **641** deaths during 2010 in South Carolina. District 45 had **44** new female breast cancer cases and **14** breast cancer deaths in 2010.

Excellent methods of early detection are available for breast cancer. The South Carolina Best Chance Network (BCN) is a federally funded program that provides breast and cervical cancer screening, follow-up and diagnosis for low-income, uninsured women age 47-64. In 2012, they screened over **7,600** women.

### Prostate Cancer

Prostate cancer is the most commonly diagnosed cancer among men in South Carolina. South Carolina ranks 4th in the nation for prostate cancer deaths. For South Carolina men, **3,299** new prostate cancer cases were diagnosed, and **484** died from the disease in 2010. In District 45 in 2010, there were **67** new prostate cancer cases with **13** deaths.

The ACS recommends that starting at age 50, men should speak with their doctor about the pros and cons of being tested. A PSA blood test with or without a rectal exam may be decided upon.

### Colorectal Cancer

Colorectal cancer is the 4th most common cancer in South Carolina. South Carolina ranks 21st in

the nation for colorectal cancer deaths. There were **2,074** new colorectal cancer cases and **890** colorectal cancer deaths in 2010. In District 45 there were **44** cases and **15** colorectal cancer deaths in 2010.

Currently, there are five different screening options for colorectal cancer. It is recommended that everyone, beginning at age 50, have a colonoscopy every 10 years.

### Lung Cancer

Lung Cancer is the 2nd most common cancer in South Carolina; currently South Carolina ranks 15th in the nation for lung cancer deaths. In South Carolina there were **3,482** new lung cancer cases diagnosed and **2,712** lung cancer deaths in 2010. There were **69** new cases and **60** lung cancer deaths in 2010 in District 45.

### Oral Cancer

Oral cancer is the 10th most common cancer in South Carolina. South Carolina ranks 5th in the nation for deaths due to oral cancer. South Carolina had **618** new oral cancer cases diagnosed and **168** deaths in 2010. District 45 had **12** new cases and **less than 5** deaths in 2010 from this preventable cancer.

### Cancer Policies

The South Carolina Comprehensive Cancer Plan 2011-2015 provides a road map for statewide cancer prevention and control strategies through 2015 and is available at [www.sccanceralliance.org](http://www.sccanceralliance.org).

South Carolina's current cigarette tax (57 cents per pack) is one of the lowest in the nation (national average \$1.51 per pack). The SC Tobacco Collaborative and its organizational members, continue to work with the SC State Legislature to enact a reasonable tax rate for tobacco products in South Carolina.

To protect South Carolina workers from secondhand smoke, smoke-free ordinances have been passed county-wide in Aiken, Beaufort, Charleston, Lancaster, Lexington, Richland, and York.

More than 50,000 South Carolina Medicaid recipients are now eligible for colorectal cancer screenings through a program administered by the SC Department of Health and Human

Services. In 2007, the SC State Health Plan added colorectal cancer screening for its employees and their family members 50 years of age and older. In 2008, SC Blue Cross Blue Shield expanded their coverage to provide colorectal screening for its policy holders.

#### Note:

Data are subject to change as data sets are updated

The following suppression rules have been applied to the data in the text and tables above: (1) Counts of 1-4 are recorded as less than 5 (2) Counts of 5-9 are rounded to 10.

#### Resources

##### SC Central Cancer Registry

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<http://www.scdhec.gov/administration/phis/scccr/SCCCRmain.htm>



##### American Cancer Society

<http://www.cancer.org/Research/CancerFactsFigures/CancerFactsFigures/index>

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##### National Program of Cancer Registries

United States Cancer Statistics

<http://apps.nccd.cdc.gov/uscs/>



##### SC Cancer Alliance

<http://www.sccanceralliance.org/>

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