House District 10
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>
<thead>
<tr>
<th></th>
<th>South Carolina</th>
<th>House District 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Cases</td>
<td>23,260</td>
<td>221</td>
</tr>
<tr>
<td>Lives Lost</td>
<td>9,323</td>
<td>79</td>
</tr>
<tr>
<td>Male New Cases</td>
<td>12,195</td>
<td>106</td>
</tr>
<tr>
<td>Male Lives Lost</td>
<td>5,046</td>
<td>46</td>
</tr>
<tr>
<td>Female New Cases</td>
<td>11,062</td>
<td>115</td>
</tr>
<tr>
<td>Female Lives Lost</td>
<td>4,277</td>
<td>33</td>
</tr>
<tr>
<td>White New Cases</td>
<td>17,404</td>
<td>212</td>
</tr>
<tr>
<td>White Lives Lost</td>
<td>6,799</td>
<td>72</td>
</tr>
<tr>
<td>Black New Cases</td>
<td>5,428</td>
<td>10</td>
</tr>
<tr>
<td>Black Lives Lost</td>
<td>2,374</td>
<td>10</td>
</tr>
</tbody>
</table>

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

As seen in Table 1 there was a total of 221 new cancer cases and 79 deaths from cancer during 2010 for District 10.

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 10.

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Early Stage</td>
<td>50</td>
<td>55</td>
</tr>
<tr>
<td>Late Stage</td>
<td>38</td>
<td>37</td>
</tr>
<tr>
<td>Unknown Stage</td>
<td>11</td>
<td>9</td>
</tr>
</tbody>
</table>

**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 10 had 31 new female breast cancer cases and less than 5 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 10 in 2010, there were 26 new prostate cancer cases with less than 5 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.
**Colonial Cancer**

Colonial 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 10, there were 18 cases and less than 5 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 35 new cases and 27 lung cancer deaths in 2010 in District 10.

**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 10 had less than 5 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
Susan Bolick, MSPH, CTR, Director
Deb Hurley, MSPH, Asst. Director
Rebecca George, MSPH, Research Analyst
2600 Bull St., Columbia, SC 29201
(803) 898-8000
[http://www.scdhec.gov/administration/phbis/cecr/SCCCRmain.htm](http://www.scdhec.gov/administration/phbis/cecr/SCCCRmain.htm)

American Cancer Society
Nancy Cheney, Director Government Relations- SC
South Atlantic Division
128 Stonemark Lane
Columbia, SC 29210
(803) 750-1693

National Program of Cancer Registries
United States Cancer Statistics
[http://appo.nccd.cdc.gov/incc](http://appo.nccd.cdc.gov/incc)

SC Cancer Alliance
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