In both 2013 and the five-year period 2009 to 2013, cancer ranked number one in years of potential years lost (YPLL). The number of years lost are shown in Figures 9 and 10 by race. There were 10,621 years of potential years lost due to cancer in 2013, compared to 9,904 years in 2008.

### Table 11: Leading Causes of Years of Potential Life Lost (to 75 years of age), South Dakota, 2013

<table>
<thead>
<tr>
<th>Cause</th>
<th>Years Lost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cancer</td>
<td>10,621</td>
</tr>
<tr>
<td>Accidents</td>
<td>9,054</td>
</tr>
<tr>
<td>Heart Disease</td>
<td>7,014</td>
</tr>
<tr>
<td>Suicide and Self-Inflicted Injury</td>
<td>5,185</td>
</tr>
<tr>
<td>Chronic Liver and Cirrhosis</td>
<td>2,359</td>
</tr>
<tr>
<td>Diabetes Mellitus</td>
<td>1,401</td>
</tr>
<tr>
<td>Chronic Lung Diseases</td>
<td>1,247</td>
</tr>
<tr>
<td>Cerebrovascular Disease</td>
<td>1,071</td>
</tr>
<tr>
<td>Homicide</td>
<td>1,053</td>
</tr>
<tr>
<td>Septicemia</td>
<td>631</td>
</tr>
<tr>
<td>Influenza and Pneumonia</td>
<td>525</td>
</tr>
<tr>
<td>All Other Causes</td>
<td>13,312</td>
</tr>
</tbody>
</table>

*Source: South Dakota Department of Health*

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*Figure 9: Years of Potential Life Lost (YPLL) Before Age 75 for the Leading Causes of Death by Race, South Dakota, 2013*

*Figure 10: Years of Potential Life Lost (YPLL) Before Age 75 for the Leading Causes of Death by Race, South Dakota 2009-2013 Average*

*Number of years are averaged over the five-year period.*

Source: South Dakota Department of Health
The differences in YPLL in Figures 11 and 12 reflect the number of cancer cases by primary sites by race. For example, the YPLL for lung and bronchus for whites was 2,118 for 196 deaths whereas the YPLL for American Indians was 240 years for 15 deaths which occurred during 2013. Not all cancers were present among the American Indian population during 2013, hence the differences in the cancer sites presented.

Figure 11: Years of Potential Life Lost for Selected Cancers Among Whites, South Dakota, 2013

- Lung and Bronchus: 2,118
- Colorectal: 950
- Female Breast: 858
- Meninges, Brain and CNS: 716
- Pancreas: 648
- Leukemia: 534
- Melanoma: 257
- Kidney and Renal Pelvis: 238
- Prostate: 238
- Esophagus: 226
- Non-Hodgkin's Lymphoma: 224
- Ovary: 181
- Liver and Intrahepatic Bile Ducts: 181
- Myeloma: 152
- Oral Cavity and Pharynx: 146
- Bladder: 122
- Stomach: 110
- Cervix: 72
- Mesothelioma: 58
- Corpus and Uterus, NOS: 55
- Larynx: 52
- Hodgkin's Lymphoma: 19
- All Other and Unspecified: 1,118

Figure 12: Years of Potential Life Lost for Selected Cancers Among American Indians, South Dakota, 2013

- Lung and Bronchus: 240
- Colorectal: 225
- Liver and Intrahepatic Bile Ducts: 122
- Pancreas: 106
- Kidney and Renal Pelvis: 50
- Meninges, Brain and CNS: 49
- Female Breast: 39
- Cervix: 34
- Leukemia: 32
- Ovary: 22
- Esophagus: 21
- Prostate: 13
- Non-Hodgkin's Lymphoma: 12
- Myeloma: 10
- Oral Cavity and Pharynx: 8
- Bladder: 5
- All Other and Unspecified: 67

Source: South Dakota Department of Health
IX. AVERAGE YEARS OF LIFE LOST

South Dakota’s average years of life lost (AYLL) due to cancer in 2013 was 13.2 years, a slight increase from 13.0 years in 2012. Oral cavity and pharynx cancer ranked 16th among cancer sites for American Indians at 4.0 years compared to whites where it ranked 10th with an average of 13.3 years.

Figure 13: Average Years of Life Lost for Selected Cancers Among Whites, South Dakota, 2013

- Hodgkin’s Lymphoma: 19.0
- Meninges, Brain and CNS: 18.8
- Cervix: 18.0
- Larynx: 17.3
- Melanoma: 17.1
- Female Breast: 15.3
- Myeloma: 13.8
- Leukemia: 13.7
- Colorectal: 13.6
- Oral Cavity and Pharynx: 13.3
- Ovary: 12.1
- Kidney and Renal Pelvis: 11.9
- Non-Hodgkin’s Lymphoma: 11.8
- Stomach: 11.0
- Lung and Bronchus: 10.8
- Pancreas: 10.8
- Liver and Intrahepatic Bile Ducts: 10.6
- Prostate: 9.5
- Bladder: 9.4
- Corpus and Uterus, NOS: 9.2
- Esophagus: 9.0
- Mesothelioma: 7.3
- All Other and Unspecified: 18.3

Source: South Dakota Department of Health

Figure 14: Average Years of Life Lost for Selected Cancers Among American Indians, South Dakota, 2013

- Meninges, Brain and CNS: 49.0
- Leukemia: 32.0
- Liver and Intrahepatic Bile Ducts: 24.4
- Pancreas: 21.2
- Esophagus: 21.0
- Female Breast: 19.5
- Colorectal: 18.8
- Cervix: 17.0
- Kidney and Renal Pelvis: 16.7
- Lung and Bronchus: 16.0
- Non-Hodgkin’s Lymphoma: 12.0
- Ovary: 11.0
- Myeloma: 5.0
- Bladder: 5.0
- Prostate: 4.3
- Oral Cavity and Pharynx: 4.0
- All Other and Unspecified: 13.4

Source: South Dakota Department of Health