

## VIII. YEARS OF POTENTIAL LIFE LOST

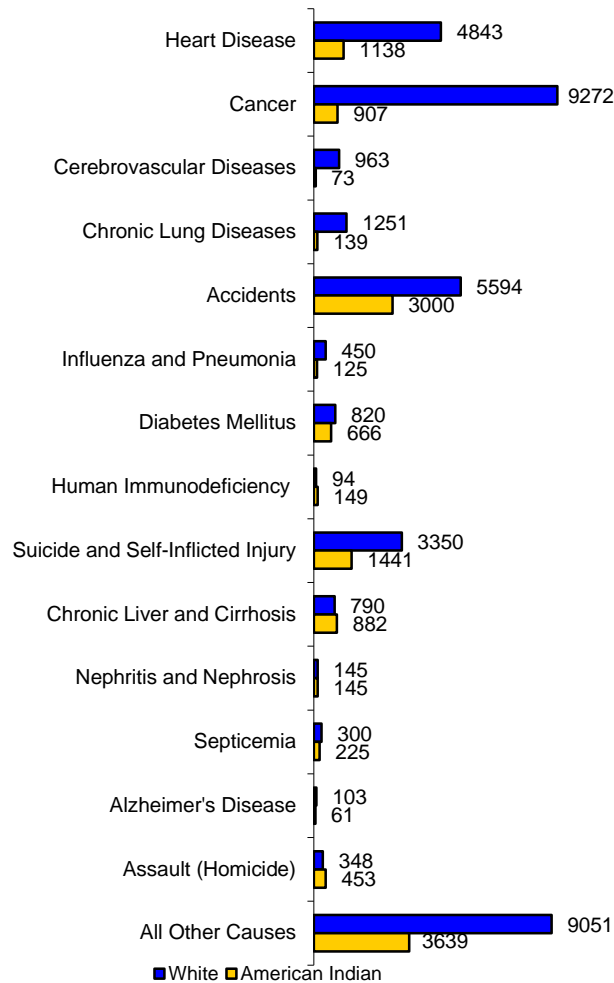
In both 2010 and the five-year period 2006 to 2010, cancer ranked number one in years of potential years lost (YPLL). The number of years lost are shown in Figures 9 and 10 by race. There were 10,291 years of potential years lost due to cancer in 2010, compared to 9,904 years in 2008 and 10,138 in 2009.

**Table 11: Leading Causes of Years of Potential Life Lost (to 75 years of age), South Dakota, 2010**

Cancer	10,291
Accidents	8,696
Heart Disease	6,171
Suicide and Self-Inflicted Injury	4,832
Chronic Liver and Cirrhosis	1,698
Diabetes Mellitus	1,486
Chronic Lung Diseases	1,396
Cerebrovascular Disease	1,041
Homicide	801
Influenza and Pneumonia	581
Septicemia	525
All Other Causes	13,765

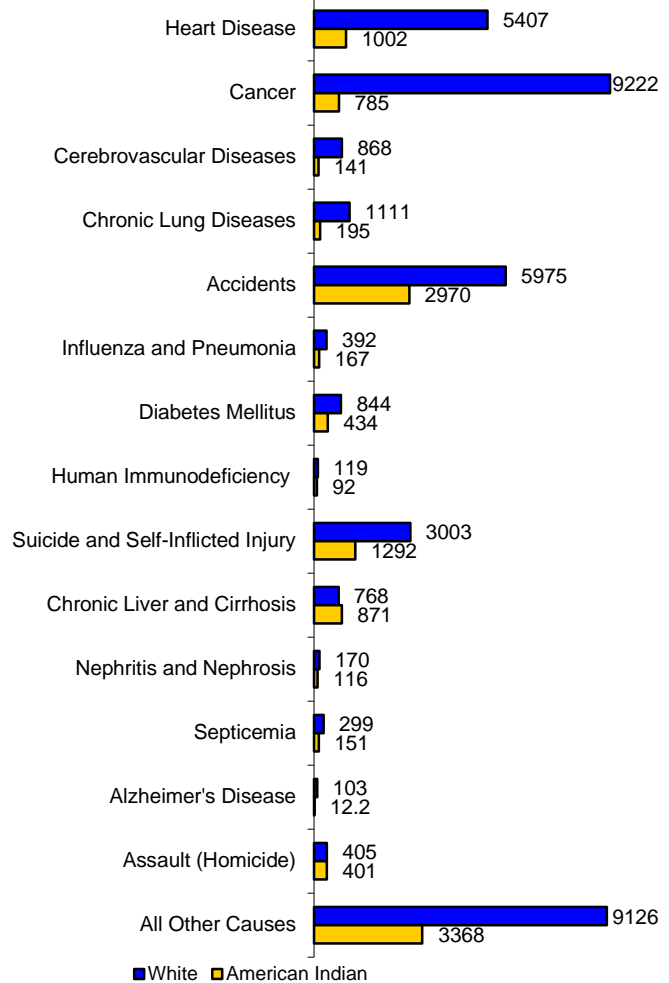
Source: South Dakota Department of Health

**Figure 9: Years of Potential Life Lost (YPLL) Before Age 75 for the Leading Causes of Death by Race, South Dakota, 2010**



Source: South Dakota Department of Health

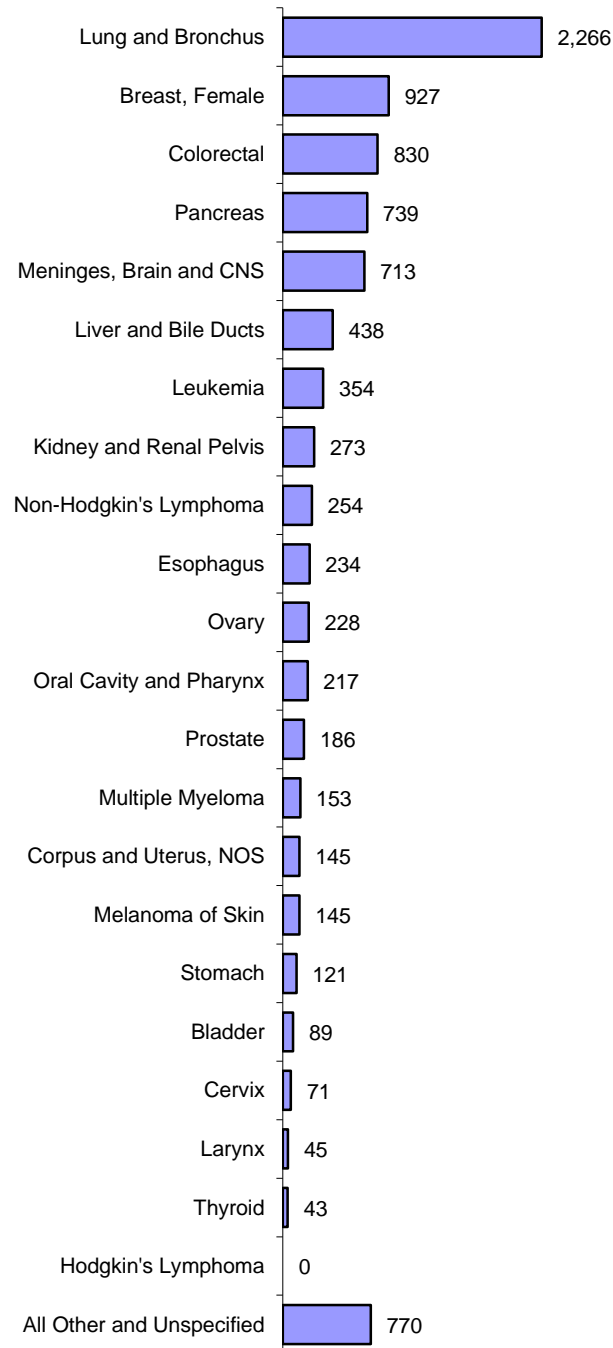
**Figure 10: Years of Potential Life Lost (YPLL) Before Age 75 for the Leading Causes of Death by Race, South Dakota 2006-2010 Average\***



\* Number of years are averaged over the five-year period.  
Source: South Dakota Department of Health

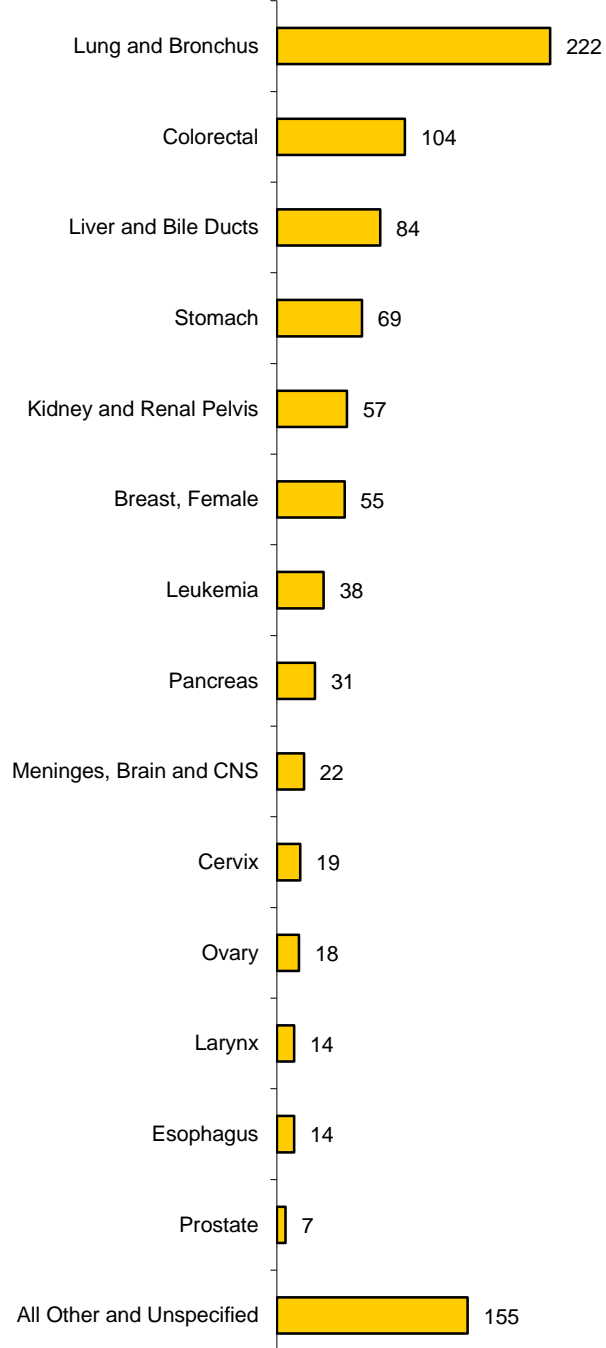
The differences in YPLL in Figures 11 and 12 reflect the number of cancer cases by primary sites by race. For example, the YPLL for lung and bronchus for whites was 2,266 for 215 deaths whereas the YPLL for American Indians was 222 years for 19 deaths which occurred during 2010. Not all cancers were present among the American Indian population during 2010, hence the differences in the cancer sites presented.

**Figure 11: Years of Potential Life Lost for Selected Cancers Among Whites, South Dakota, 2010**



Source: South Dakota Department of Health

**Figure 12: Years of Potential Life Lost for Selected Cancers Among American Indians, South Dakota, 2010**

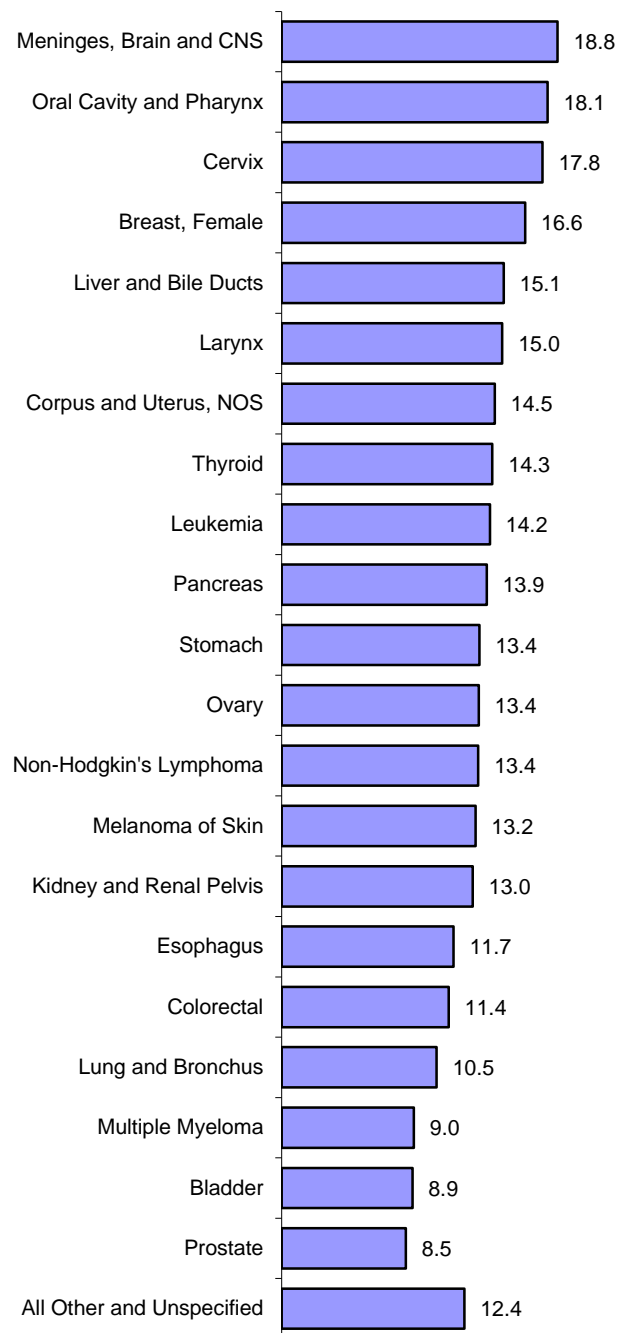


Source: South Dakota Department of Health

## IX. AVERAGE YEARS OF LIFE LOST

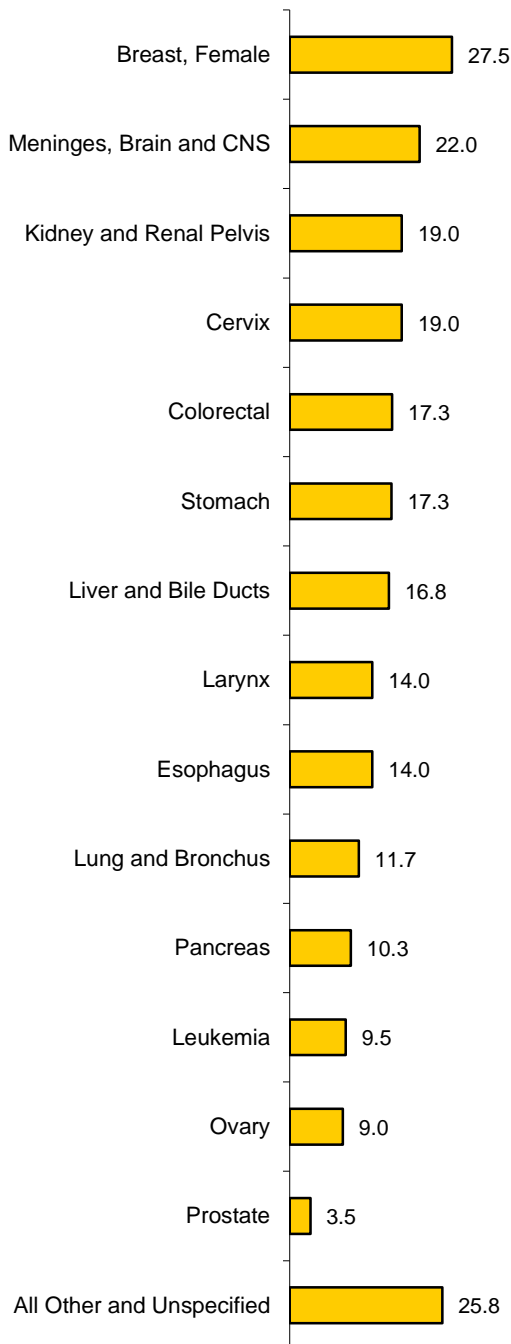
South Dakota's average years of life lost (AYLL) due to cancer in 2010 was 12.6 years, a decrease from 13.9 years in 2009. Female breast ranked first among cancer sites for American Indians at 27.5 years compared to whites where it ranked fourth with an average of 16.6 years.

**Figure 13: Average Years of Life Lost for Selected Cancers Among Whites, South Dakota, 2010**



Source: South Dakota Department of Health

**Figure 14: Average Years of Life Lost for Selected Cancers Among American Indians, South Dakota, 2010**



Source: South Dakota Department of Health