

VIII. YEARS OF POTENTIAL LIFE LOST

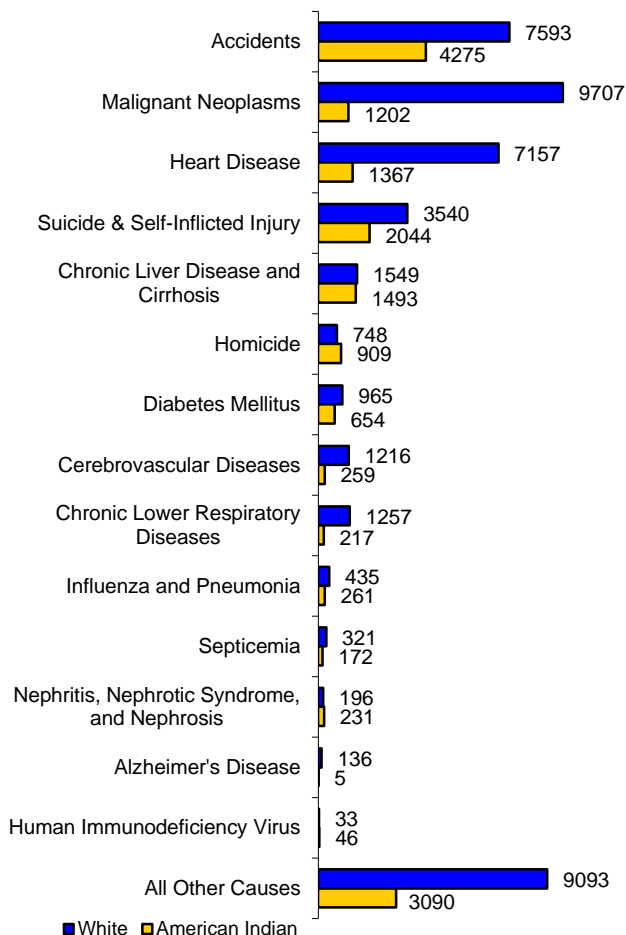
In 2016, accidents out ranked cancer in years of potential years lost (YPLL). For the five-year period 2012 to 2016, cancer ranked number one in YPLL. The number of years lost are shown in Figures 9 and 10 by race. There were 11,115 years of potential years lost due to cancer in 2016, compared to 9,904 years in 2008.

Table 11: Leading Causes of Years of Potential Life Lost (to 75 years of age), South Dakota, 2016

Accidents	12,226
Malignant Neoplasms	11,115
Heart Disease	8,731
Suicide & Self-Inflicted Injury	5,706
Chronic Liver Disease and Cirrhosis	3,058
Homicide	1,710
Diabetes Mellitus	1,624
Cerebrovascular Diseases	1,494
Chronic Lower Respiratory Diseases	1,488
Influenza and Pneumonia	726
Septicemia	533
All Other Causes	13,419

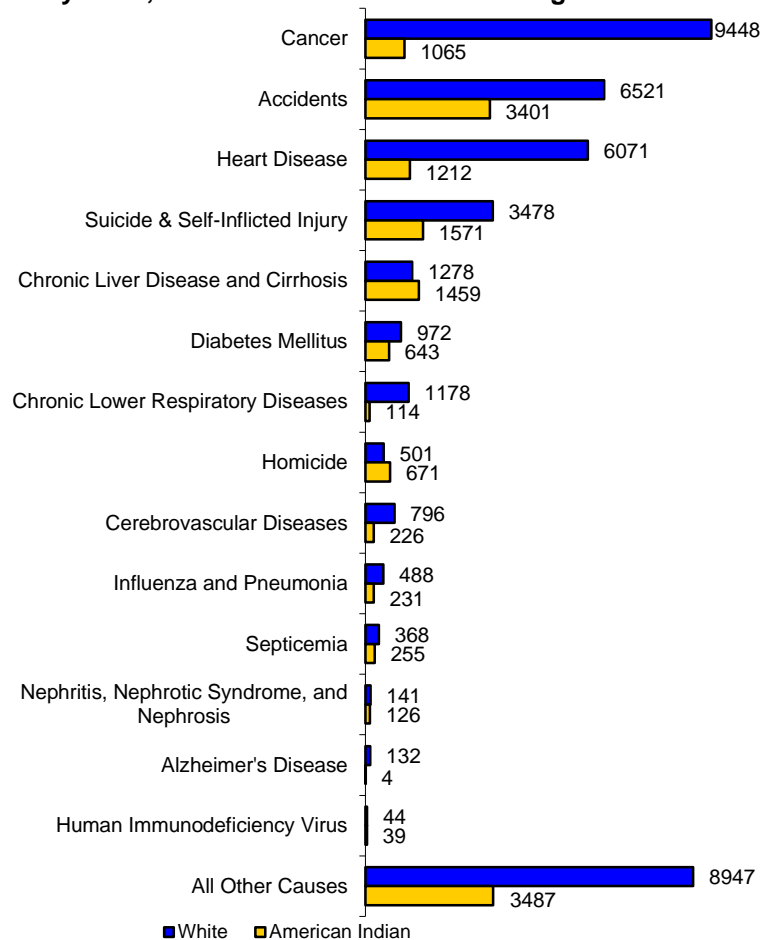
Source: South Dakota Department of Health

Figure 9: Years of Potential Life Lost (YPLL) Before Age 75 for the Leading Causes of Death by Race, South Dakota, 2016



Source: South Dakota Department of Health

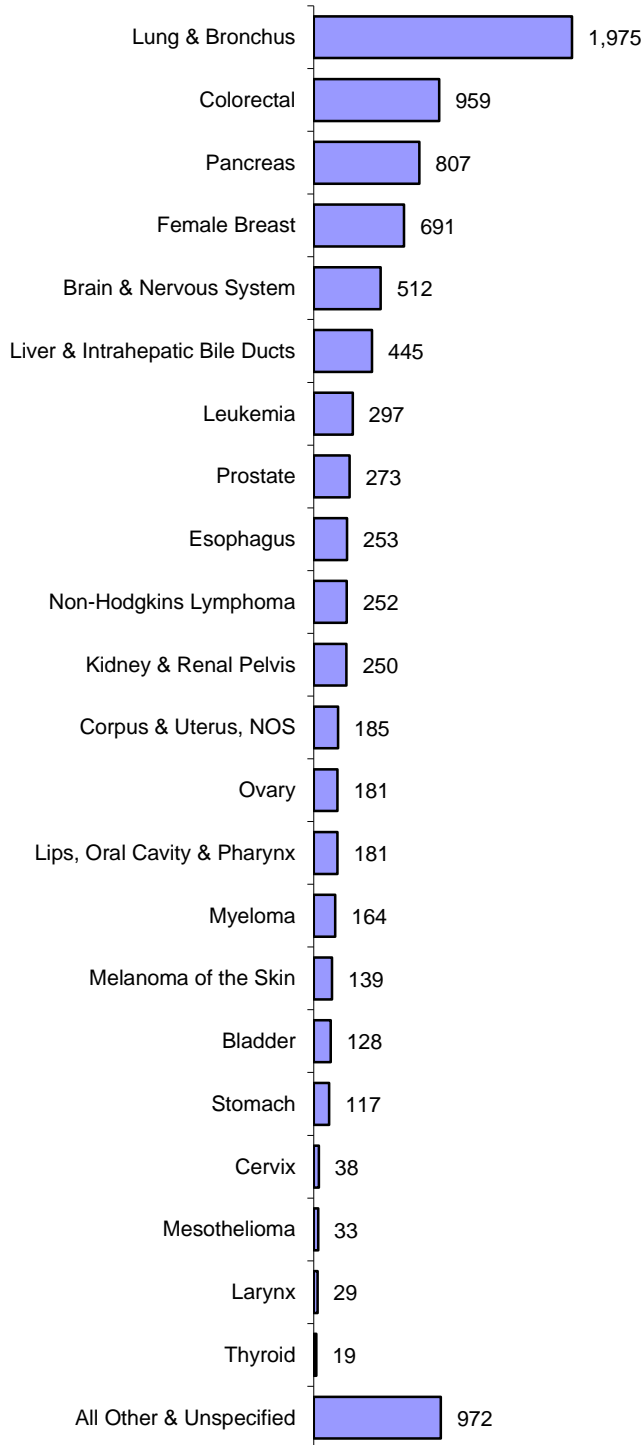
Figure 10: Years of Potential Life Lost (YPLL) Before Age 75 for the Leading Causes of Death by Race, South Dakota 2012-2016 Average*



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

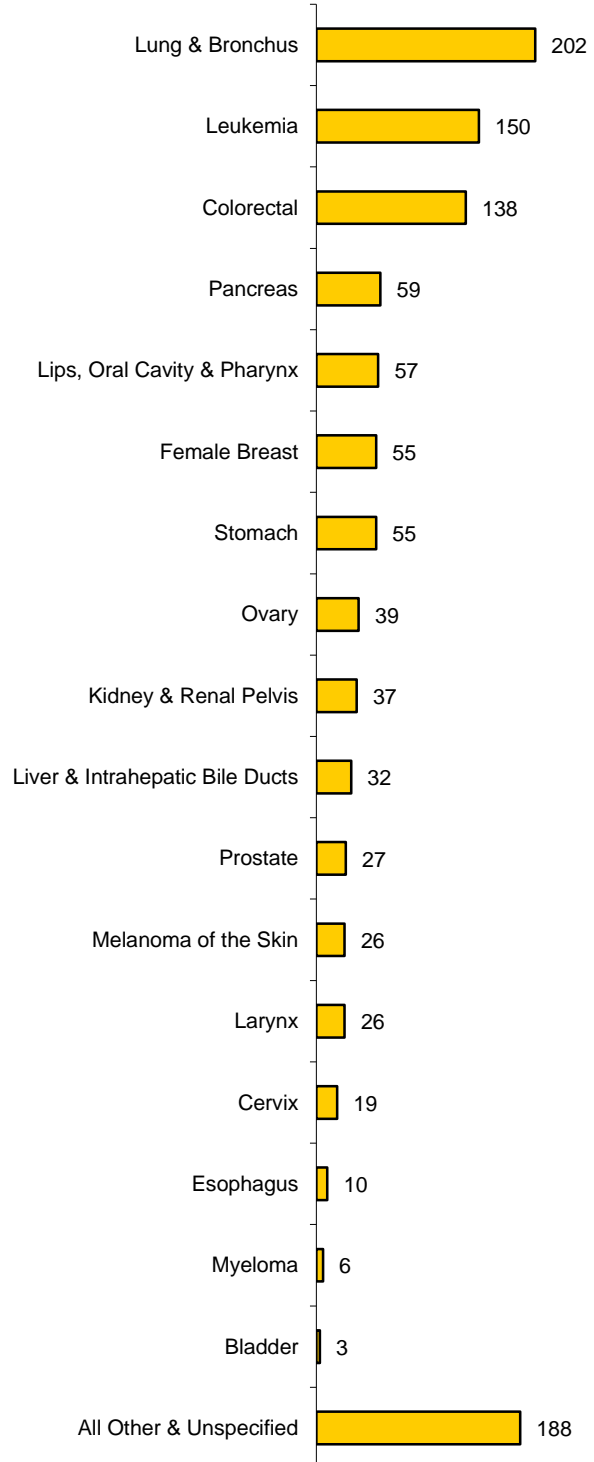
The differences in YPLL in Figures 11 and 12 reflect the number of cancer cases by primary sites by race. For example, the YPLL in 2016 for lung and bronchus for whites was 1,975 for 203 deaths whereas the YPLL for American Indians was 202 years for 21 deaths. Not all cancers were present among the American Indian population during 2016, hence the differences in the cancer sites presented.

Figure 11: Years of Potential Life Lost for Selected Cancers Among Whites, South Dakota, 2016



Source: South Dakota Department of Health

Figure 12: Years of Potential Life Lost for Selected Cancers Among American Indians, South Dakota, 2016

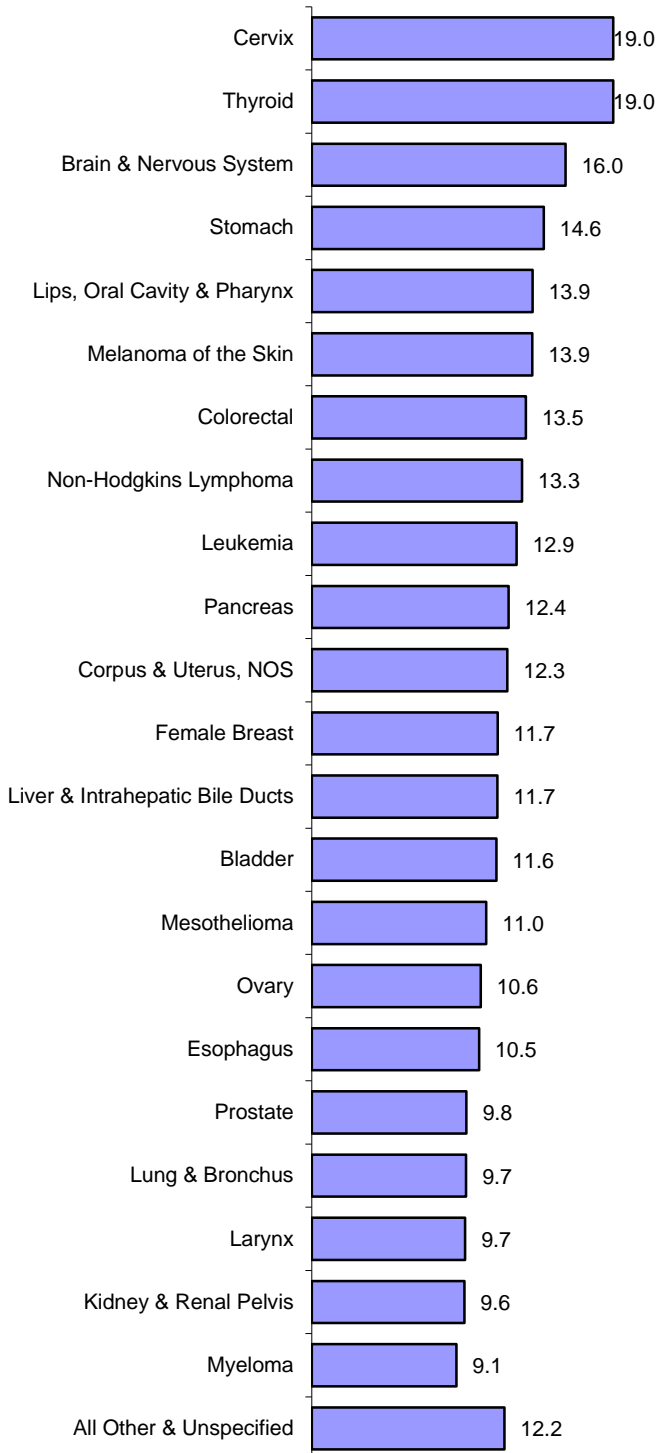


Source: South Dakota Department of Health

IX. AVERAGE YEARS OF LIFE LOST

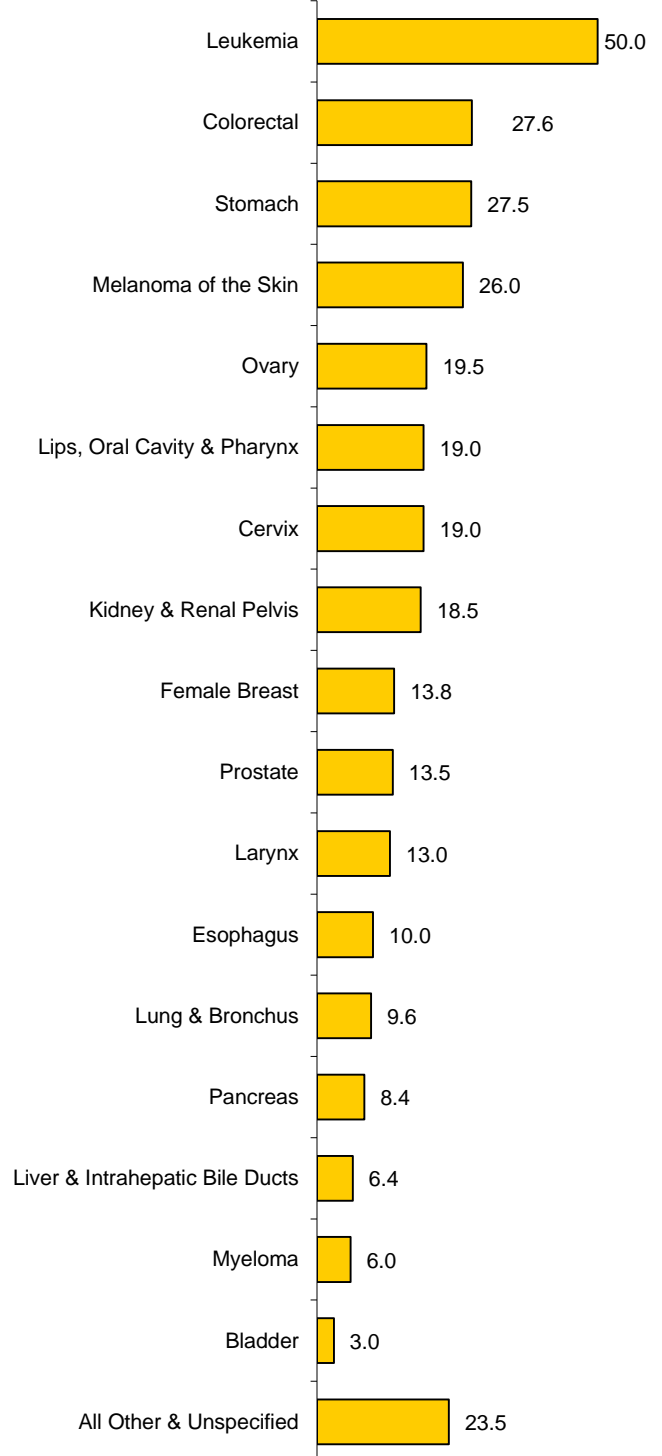
South Dakota's average years of life lost (AYLL) due to cancer in 2016 was 11.6 years, a slight decrease from 12.9 years in 2015. Leukemia cancer ranked first among cancer sites for American Indians at 50.0 years compared to whites where it ranked ninth with an average of 12.9 years.

Figure 13: Average Years of Life Lost for Selected Cancers Among Whites, South Dakota, 2016



Source: South Dakota Department of Health

Figure 14: Average Years of Life Lost for Selected Cancers Among American Indians, South Dakota, 2016



Source: South Dakota Department of Health

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