

Cancer on the Rocky Boy Reservation

This fact sheet provides information describing the burden of cancer among American Indians living on or near the Rocky Boy Reservation. American Indian residents of Chouteau and Hill counties were used to estimate the burden of cancer on the Rocky Boy Reservation.

Key Facts about cancer on the Rocky Boy Reservation

- 159 American Indians on the Rocky Boy Reservation were diagnosed with cancer from 2009—2018. That is about 16 new cases of cancer each year
- Cancer incidence on the Rocky Boy Reservation was not significantly different than among white Montanans in the reservation counties or statewide (Figure 1).
- Five (5) kinds of cancer account for 57% of all cancers that occur on the Rocky Boy Reservation (Figure 2).
- Significantly more cases of lung, colorectal, and kidney cancer were diagnosed in American Indians on the Rocky Boy Reservation than would be expected if the rate were the same as white residents.
- 61 American Indians on the Rocky Boy Reservation died because of cancer from 2009—2018. That is

*Statistically significantly different ($p < 0.05$)

Montana Cancer Control Programs

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<https://dphhs.mt.gov/publichealth/Cancer/DataStatistics>

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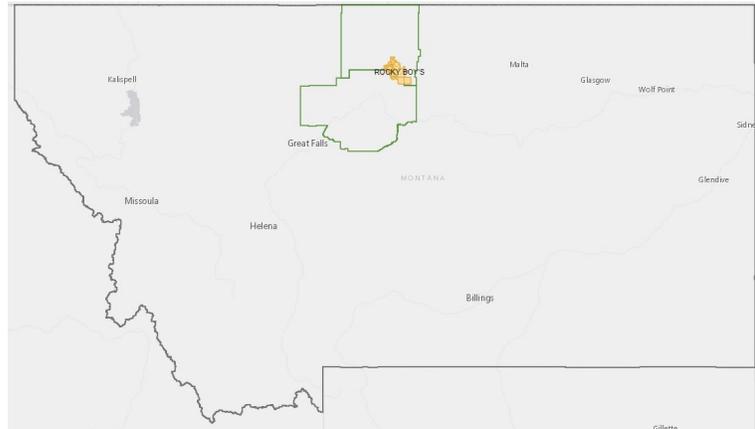


Figure 1: All-site cancer incidence (new cases) rates among **American Indian** residents compared to **White** residents, Montana, 2009—2018

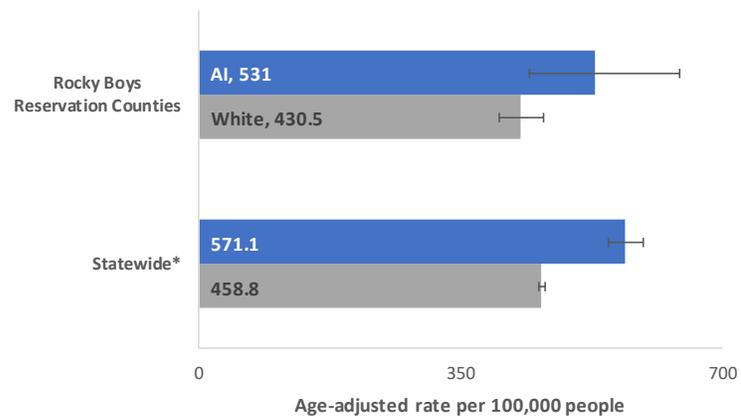
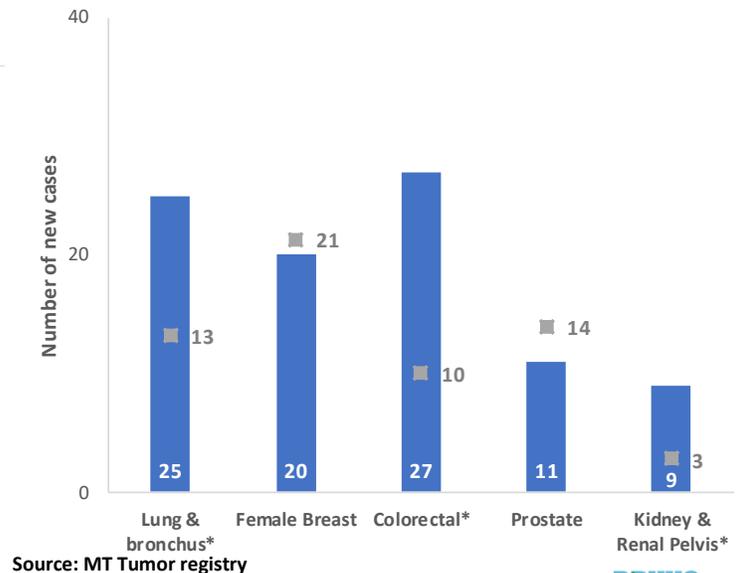


Figure 2: **Observed** compared to **expected** number of new cases of cancer by cancer site among American Indian residents of the Rocky Boy reservation counties, 2009—2018



Source: MT Tumor registry

about 6 deaths each year.

- Cancer mortality on the Rocky Boy Reservation was greater than that among white Montanans in the reservation counties and statewide (Figure 3).

Key facts about cancer prevention and early detection

- Less than half (47%) of Montana American Indian adults have been screened for colorectal cancer—which was lower than White Montanans and the United States average (Figure 4).
- Smoking among Montana American Indians was high (Figure 5). Smoking greatly increases a person's risk for getting at least 13 types of cancer, including lung, colorectal, and kidney.
- Obesity was also high among Montana American Indians (Figure 5). Obesity increases the risk of several types of cancer including breast, colorectal, and kidney cancers.

Reduce Your Risk for Cancer

Do not use commercial tobacco.

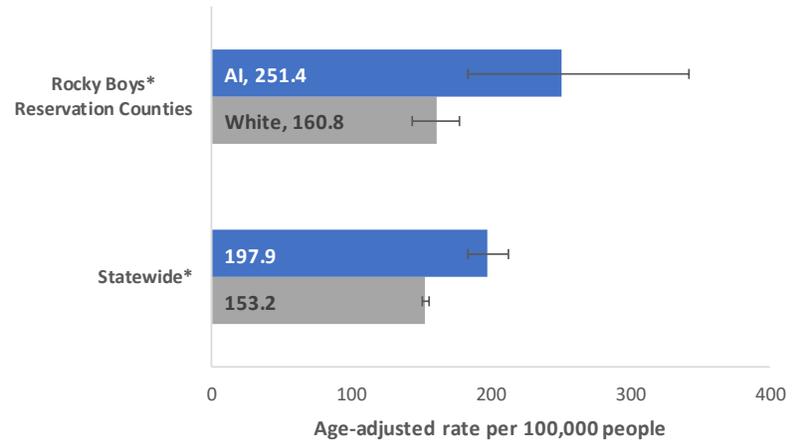
Get screened regularly for breast, cervical, and colorectal cancers.

Maintain a healthy weight by getting regular physical activity and eating a diet with lots of fruits and vegetables.

If you drink alcohol, do so in moderation.

†Women aged 50+ who have had a mammogram within the past two years were up to date on breast cancer screening; women aged 21-65 years who have had a pap test within the past three years were up to date on cervical cancer screening; men and women aged 50-75 who have had colonoscopy in the past 10 years, flexible sigmoidoscopy in the past 5 years, or a blood stool test in the past 1 year were up to date on colorectal cancer screening.

Figure 3: All-site cancer mortality rates among **American Indian** residents compared to **White** residents, Montana, 2009—2018



Source: MT Vital Statistics

Figure 4: Proportion of adults who are up to date† on Colorectal, Cervical, and Breast Cancer screening among **American Indian** residents compared to **White** residents, Montana, 2018

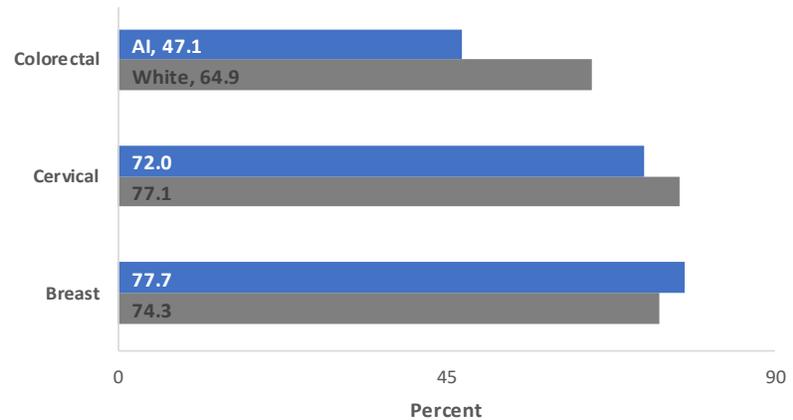


Figure 5: Proportion of adults who are a current smoker or obese among **American Indian** residents compared to **White** residents, Montana, 2018



Source: MT Behavioral Risk Factor Surveillance System