Montana Quick Stats

Cardiovascular Disease (CVD) Mortality in Montana, 2015-2019

CVD (ICD 10 I00-I78) was listed as a primary cause in 14,077 Montana deaths from 2015-2019. Note: Due to the map scale some tracts are not easily visible.

Background:

Using the Rate Stabilizing Tool, the Montana (MT) Cardiovascular Health Program was able to generate reliable census tract estimates of age-adjusted CVD mortality rates. These rates are spatially-smoothed by providing estimates that are more accurate and precise for areas with small populations. Smoothing uses an algorithm to stabilize rates by borrowing information from neighboring geographic areas. The following key findings from the data include:

- 39 of MT’s 271 census tracts had CVD mortality rates that were significantly higher than the state average.
- One census tract within Gallatin county had a rate of 776 CVD deaths per 100,000 population; this is the highest rate calculated and three times higher than the state average rate.
- CVD mortality rates within some American Indian Reservations were very high. Rocky Boy’s had a rate of 750 deaths per 100,000 population. For the Blackfeet, Fort Peck, and Flathead reservations rates ranged from 399-654 deaths per 100,000 population. Reliable data was obtained for all reservations except Fort Belknap and Northern Cheyenne.
- 61% of the 39 census tracts with significantly higher rates than the state average are located within or near urban areas like Billings, Bozeman, Great Falls, Helena, and Kalispell.

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2015-2019 State Average: 262 Deaths/100,000 Population