

**Prevention and Health Promotion**

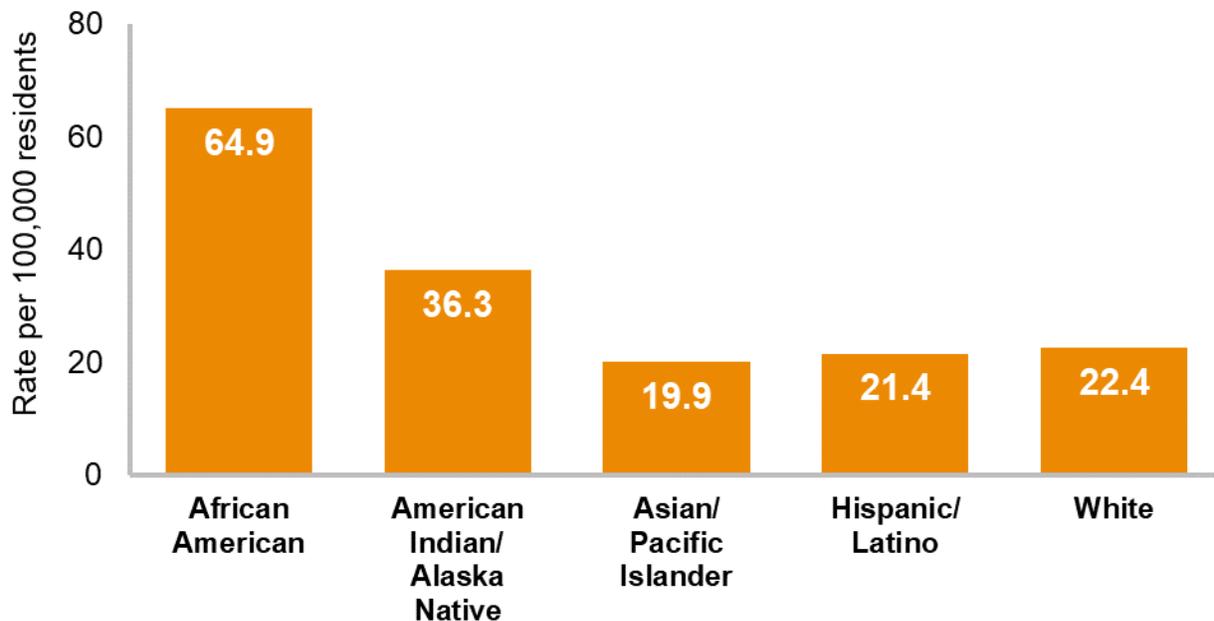
# Asthma hospitalizations

In 2018 there were 1,163 hospitalizations for asthma resulting in a rate of 24.9 per 100,000 Oregonians. Asthma hospitalizations resulted in estimated cost of \$9.2 million in 2018.

Disparities in asthma hospitalizations are noteworthy: African Americans (64.9 per 100,000) and American Indian/Alaska Natives (36.3 per 100,000) are more likely to be hospitalized for asthma than any other groups (Figure 1).

FIGURE 1

**Asthma hospitalizations by race/ethnicity, Oregon, 2018**



Note: All other groups exclude Hispanic ethnicity

Source: Oregon Hospital Discharge Dataset (HDD)

Asthma symptoms occur when a person is exposed to a trigger such as tobacco smoke, animal fur or feathers, cockroaches, mold or mildew, poor outdoor air

quality, or pollen. Asthma symptoms are controllable with quality health care, correct medications at the proper dosages, and good self-management skills. By controlling their asthma, people with the disease can live healthy and productive lives.

**Additional Resources:** [Asthma program details](#)

**About the Data:** The rate of asthma hospitalizations was calculated per 100,000 Oregonians. The rate calculation included the number of hospitalizations with a primary diagnosis of asthma in the numerator and the estimated number of Oregonians in the denominator. Data on hospitalizations with a primary diagnosis of asthma and associated charges were from the Oregon Hospital Discharge Dataset (HDD). The HDD is provided by the Oregon Association of Hospitals and Health Systems and contains information on hospital discharges from all general hospitals in Oregon except federal or psychiatric hospitals. Charges are the summed dollar amounts that hospitals charged for each individual asthma hospitalization. Primary diagnoses of asthma were those with an ICD-10 code of J45. Estimates of the number of Oregonians were from the National Center for Health Statistics.

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[Oregon State Health Profile](#)

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