

## Fire Injury and Death

- 73.8% of all civilian injuries occur in residential buildings.<sup>1</sup>
- Winter fires account for 8% of total fires, but 30% of fire deaths and 23% of fire injuries.<sup>2</sup>
- Unintentional carelessness is the leading cause of fire-related deaths.<sup>1</sup>
- Cooking is the primary cause of residential fires for the 10-year period.<sup>1</sup>

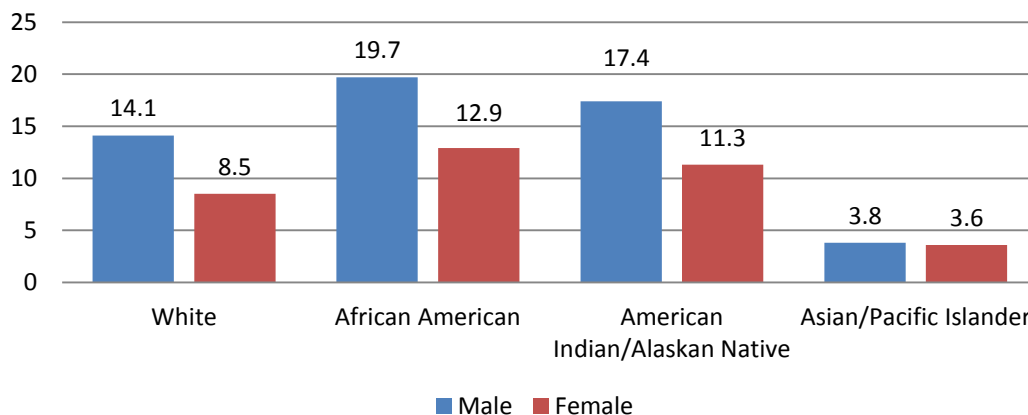
### Cost

- Fire and burn injuries represent 1% of the incidence of injuries and 2% of the total costs of injuries, or \$13.3 billion each year.<sup>3</sup>
  - Males account for \$4.8 billion (64%) of the total costs of fire/burn injuries.
  - Females account for \$2.7 billion (36%) of the total costs of fire/burn injuries.

### Groups at Risk

- Children below the age of four and adults above the age of 85 years are at increased risk for fire-related injuries and deaths.<sup>4</sup>
- Men have higher rates of both fire-related injuries and deaths.<sup>4</sup>
  - Males are 1.6 times more likely to die in a fire than females.
  - Males were more likely to be killed or injured in home fires than females (56% of the deaths and 53% of the injuries).
  - The percentage of fatal home fire victims under five years of age fell from 18% in 1980 to 6.5% in 2017, while the percentage of victims 65 or older increased from 19% to 32.5% over the same period.
- African Americans and Native Americans/Alaska Natives have significantly higher rates of fire-related deaths than other racial or ethnic groups.<sup>4</sup>

### Fire Death Rate per Million: 2017



<sup>1</sup> "U.S. Fire Statistics." U.S. Fire Administration, Retrieved February 18, 2020., [https://www.usfa.fema.gov/downloads/pdf/statistics/res\\_bldg\\_fire\\_estimates.pdf](https://www.usfa.fema.gov/downloads/pdf/statistics/res_bldg_fire_estimates.pdf)

<sup>2</sup> "Winter Residential Building Fires (2014-2016)." U.S. Fire Administration, 24 Oct. 2018, [www.usfa.fema.gov/data/statistics/reports/winter\\_fires\\_v19i7.html](http://www.usfa.fema.gov/data/statistics/reports/winter_fires_v19i7.html).

<sup>3</sup> Centers for Disease Control and Prevention. Fire and Burn Injuries Fact Sheet. Home and Recreation Safety. Available at: <http://www.cdc.gov/HomeandRecreationalSafety/Fire-Prevention/fires-factsheet.html>

<sup>4</sup> "Fire Risk in 2017." U.S. Fire Administration, Sep. 2019, [https://www.usfa.fema.gov/data/statistics/reports/fire\\_risk\\_v20i3.html](https://www.usfa.fema.gov/data/statistics/reports/fire_risk_v20i3.html)