

Hennepin County
Public Health
Assessment Team

FACT SHEET



Adult Secondhand Smoke Exposure

Why is this indicator important?

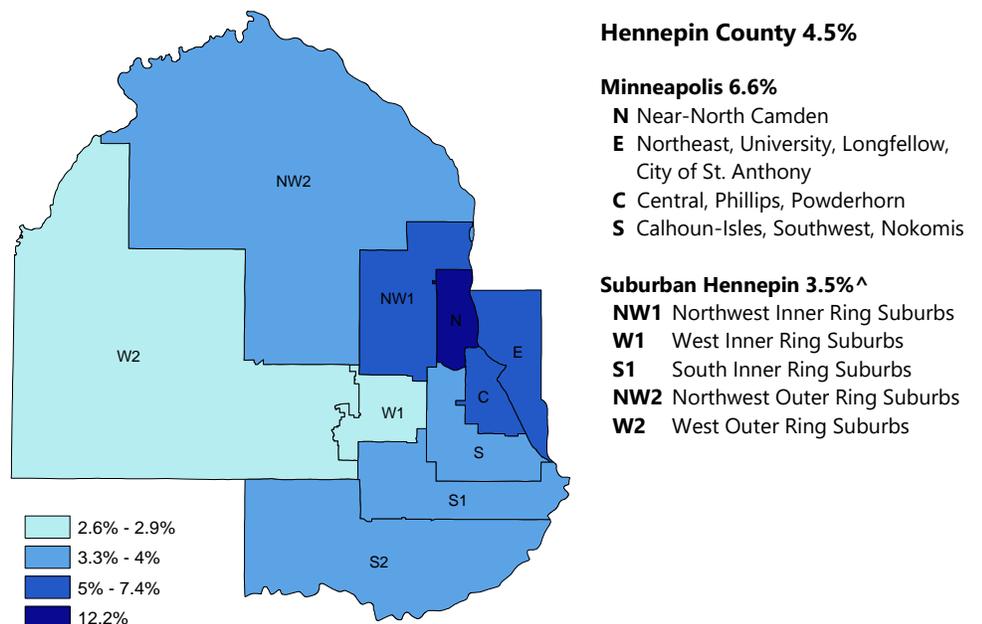
Secondhand smoke is a serious health hazard. Nonsmokers who have high blood pressure or high blood cholesterol have an even greater risk of developing heart diseases when they are exposed to secondhand smoke.

Secondhand tobacco smoke contributes to about 34,000 premature heart disease deaths and 7,300 lung cancer deaths. Studies show that the risk of developing heart disease is about 25-30 percent higher among people exposed to environmental tobacco smoke.

What is the current status?

In 2014, 5 percent of Hennepin County adults aged 25 and older were exposed to secondhand smoke at home. The rates for secondhand smoke exposure were higher for those living in apartment building (7%) compared to those living in single family homes (4%). Seven percent of adults age 25 and older were exposed to secondhand smoke in a car or other vehicle with someone who was smoking.

Figure 1. Adults aged 25 and older that were exposed to secondhand smoke at home, Hennepin County, 2014



For more information on the health of Hennepin County residents, visit: www.Hennepin.us/PublicHealthData or email: PublicHealthData@hennepin.us



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What is the current status

Figure 2 shows that among those adults who had a household income of less than 200% of Federal Poverty Level, 13% of the adults age 25 and older in Hennepin County households were exposed to secondhand smoke at home and 16 percent were exposed in a car. However, among those adults with higher income, 3 percent of the adults were exposed to secondhand smoke at home and 5 percent were exposed in a car.

Figure 2. Percentage of adults age 25 and older who are exposed to secondhand smoke at home or in a car by household income (2014)

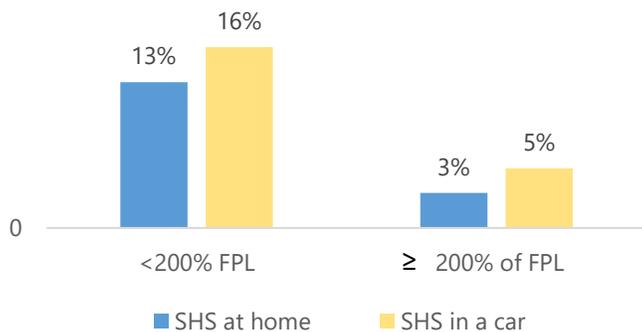


Figure 3 shows that the percent of adults who are exposed to secondhand smoke at home by race/ethnicity. Smoking rates remain significantly higher among US-born blacks, compared to adults from other racial and ethnic groups.

Figure 3. Percentage of adults age 25 and older who are exposed to SHS at home by race/ethnicity (2014)

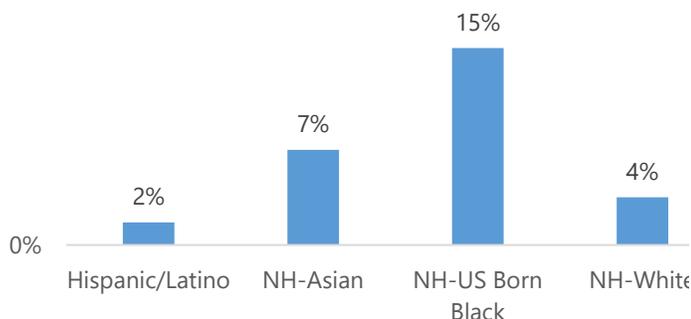
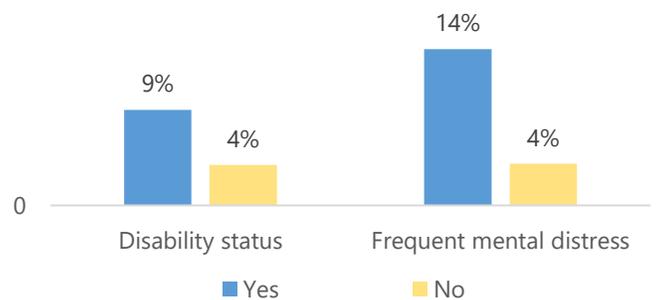


Figure 4 shows that the percentage of adults age 25 and older who are exposed to secondhand smoke at home by disability status and frequent mental distress.

Figure 4. Percentage of adults age 25 and older who are exposed to SHS at home by disability status and frequent mental distress (2014)



The data shown in this fact sheet come from the Metro SHAPE 2014 survey for Hennepin County for adults aged 25 and older. The questions asked were: "Does anyone, including yourself, smoke regularly inside your home?" and "In the past 7 days have you been in a car or other vehicle with someone who was smoking?" Yes, No.

¹ Secondhand smoke facts. Retrieved October 31st, 2016 from https://www.cdc.gov/tobacco/data_statistics/fact_sheets/secondhand_smoke/general_facts/index.htm