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# **Study Aim**

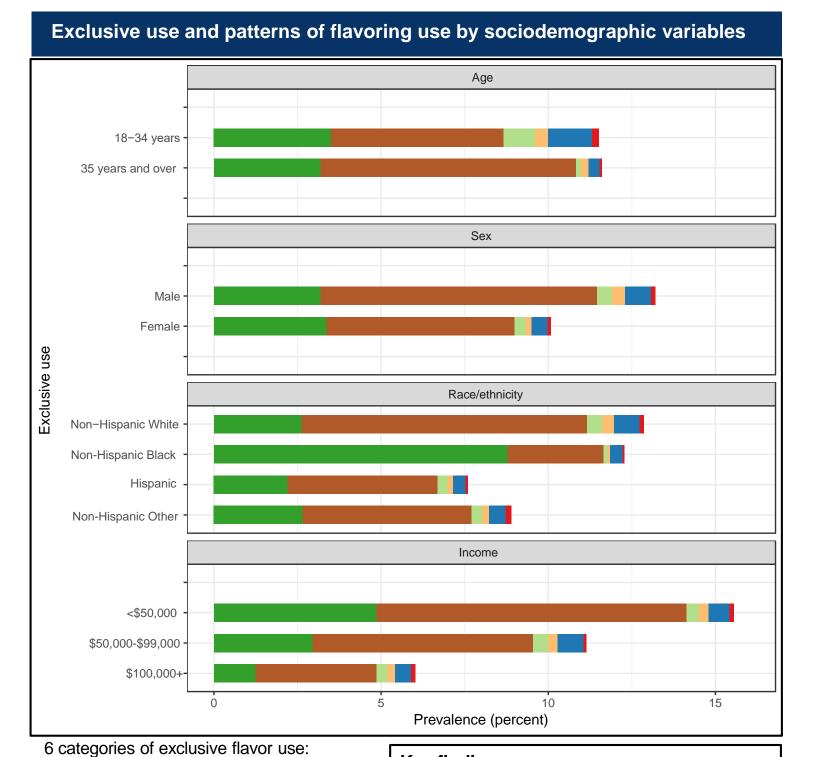
 Describe the patterns of use of menthol/non-menthol cigarettes with flavored e-cigarettes (tobacco, menthol, sweet/spice/fruit, and other flavorings) among US adults.

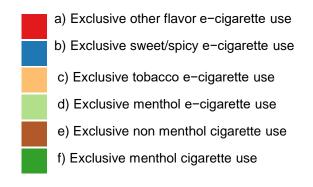
## **Data & Measures**

- We used data from a nationally representative sample of the US adult population: TUS-CPS 2018-2019 (n=137,471).
- Every day/some day use of cigarettes and e-cigarettes.
- Cigarette flavors:
  - Menthol
  - 2. Non-menthol
- E-cigarettes flavors:
  - 1. Tobacco flavored
  - 2. Menthol or mint flavored
  - 3. Sweet/spicy
  - 4. Other flavors
- To adjust for the sample design prevalence estimates were calculated using the balanced repeated method.
- Combined the cigarette flavor variable with the e-cigarette flavor variable to generate a 14-category variable of flavoring combination among exclusive and dual-use

# Flavoring patterns of exclusive and dual-use of cigarettes and e-cigarettes among US adults. Results from the TUS-CPS 2018-2019

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# Key findings

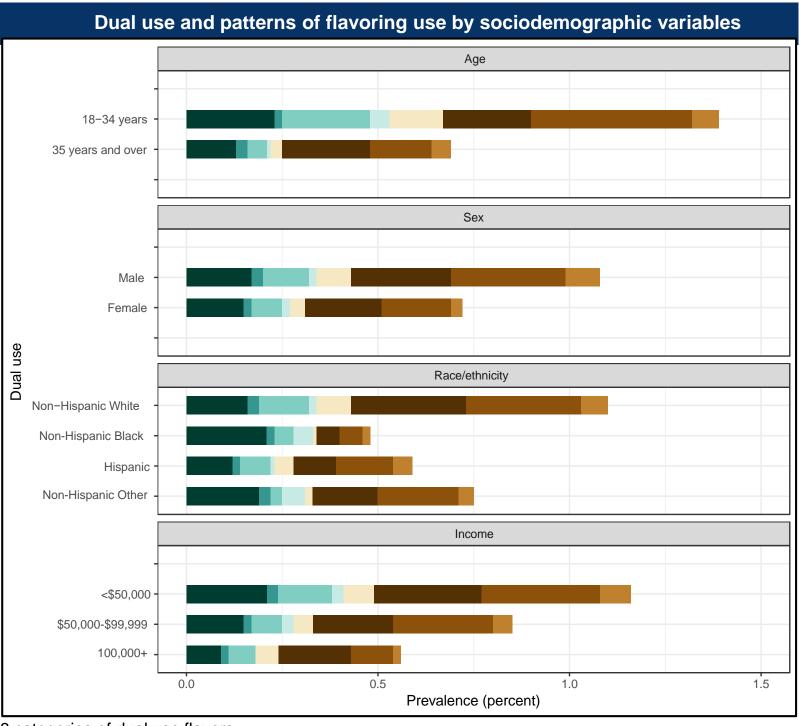
### **Exclusive use (Age groups):**

Non-menthol cigarette use was higher for adults 35 years and over (7.6%) versus adults over 18-34 years (5.2%).

The prevalence of exclusive **sweet/spicy e- cigarettes** and exclusive **menthol e-cigarettes** is higher among young
adults (18-34 years).







#### 8 categories of dual use flavors:

- a) Non-menthol cigarettes + other e-cigarettes flavors
- b) Non-menthol cigarettes + sweet/spicy e-cigarettes
- c) Non-menthol cigarettes + tobacco e-cigarettes
- d) Non-menthol cigarettes + menthol e-cigarettes
- e) Menthol cigarettes + other e-cigarettes flavors
- f) Menthol cigarettes + sweet/spicy e-cigarettes
- g) Menthol cigarettes + tobacco e-cigarettes
- h) Menthol cigarettes + menthol e-cigarettes

#### **Key findings**

#### Dual use (Age groups):

For menthol cigarette users, the most common dual use combination among adults 18-34 years it is menthol cigarettes + sweet spicy e-cigarettes while among adults 35+ it is menthol-cigarettes + menthol e-cigarettes.

For non-menthol cigarette users, the most common dual use combination among 18-34 years adults it is **non-menthol cigarettes + sweet spicy e-cigarettes**, while among adults 35+ it is **non-menthol-cigarettes + tobacco e-cigarettes**.