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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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:
  1. 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.

Dual use and patterns of flavor use by sociodemographic variables

6 categories of exclusive flavor use:

- a) Exclusive other flavor e-cigarette use
- b) Exclusive sweet/spicy e-cigarette use
- c) Exclusive tobacco e-cigarette use
- d) Exclusive menthol e-cigarette use
- e) Exclusive non menthol cigarette use
- f) Exclusive menthol cigarette use

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).

Dual use (Age groups):
- For menthol cigarette users, the most common dual use combination among adults 18-34 years 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.

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