

**ATTACHMENT 5.  
SUMMARY OF THE SAMPLE DESIGN FOR THE PANEL**

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| <b>First Stage: Primary Sampling Units (PSUs, One or More Counties)</b>             |  |
|---|--|
| Sampling Frame  | All Counties in the 50 States and the District of Columbia   |
| Stratification  | Nine Census Divisions  |
| Type of Selection   | Probabilities Proportional to Size Measure <sup>a</sup><br>PSUs Will Be Proportionately Allocated to the Nine Strata   |
| Sample Size   | 80 PSUs  |
| <b>Second Stage: Census Block Groups (CBGs, One or More Adjacent Census Blocks)</b> |  |
| Sampling Frame  | CBGs in Sampled PSUs   |
| Stratification  | None or TBD <sup>b</sup>   |
| Type of Selection   | Probabilities Proportional to Size Measure   |
| Sample Size   | 3 CBGs/PSUs  |
| <b>Third Stage: Housing Units (HUs)</b>   |  |
| Sampling Frame  | Address-based Sampling (ABS) CBGs: Residential Mailing Addresses<br>Supplemented with the CHUM <sup>c</sup><br>Field Enumerated CBGs: Listing Housing Units  |
| Stratification  | None   |
| Type of Selection   | Equal Probability within Each CBG; Equally Allocating HUs to Each CBG  |
| Sample Size   | <ul style="list-style-type: none"> <li>• Selected HUs: 36,390</li> <li>• Occupied HUs: 34,571 (95% occupied HU rate)</li> <li>• Screened HUs: 29,385 (85% screening rate)</li> <li>• Eligible HUs: 4,444 (15,2% HU eligibility rate )</li> </ul> |
| <b>Fourth Stage: Tobacco Users Age 18+</b>  |  |
| Sampling Frame  | Roster of Eligible Persons (adult tobacco users) in Screened and Eligible Hus  |
| Stratification  | Age Group (18–25, 26+) by SES Status (low SES, non-low SES)  |
| Type of Selection   | Stratified Random Sampling (Oversample 18–25 Years Old)  |
| Sample Size   | <ul style="list-style-type: none"> <li>• Tobacco Users Selected: 4,444</li> <li>• Recruited Tobacco Users: 4,000 (90% recruitment rate)</li> </ul>   |

<sup>a</sup> Size measure will be the number of tobacco users in a PSU.

<sup>b</sup> Stratification at the second selection stage can be socioeconomic status (SES) of CBGs (low SES CBG or non-low SES CBG), or high or low tobacco use prevalence rates (CBGs with high-density tobacco use or CBGs with low-density tobacco use), will be determined with consultation of the FDA Project Officer.

<sup>c</sup> Address-based sampling (ABS) will be used in 202 CBGs (84%) where the expected ABS coverage rate is 90% or more. ABS and the Check for Housing Units Missed (CHUM) procedure will be used in 26 CBGs (11%) where the expected ABS coverage is 50%–90%. Field enumeration will be used in 12 CBGs (5%) where the coverage is estimated below 50%.