Table S2 NC representativeness, access, and volume by race-ethnicity.

Data for North Carolina from 2017 National Household Travel Survey (NHTS). Black households have less access to vehicles, drive less often, and drive fewer total vehicle miles than White non-Hispanic drivers. Measures marked with a \* were used in adjusting residential counts to approximate vehicle miles traveled for rate calculations. Reprinted from Fliss, 2019.

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| --- | --- |
|  | **Measures of Survey Representation** |
| **Race-Ethnicity** | **Number surveyed** | **Number represented** | **Number drivers represented** |
| Asian |  307  |  251,577  |  184,748  |
| American Indian / Alaskan Native |  156  |  78,171  |  57,496  |
| Black / African American |  2,444  |  2,015,261  |  1,294,804  |
| Hispanic |  600  |  828,660  |  532,834  |
| Other |  522  |  324,620  |  199,508  |
| White non-Hispanic |  13,556  |  5,950,650  |  4,894,298  |
| **Total** |  17,585  |  9,448,939  |  7,163,689  |
|  |  |  |  |
|  |  |  |  |
|  | **Measures of Access** |
| **Race-Ethnicity** | **Household has personal vehicle access (%)** | **Household vehicle use at least a few times a month (%)** | **Any driving during year (%)** |
| Asian | 99.8 | 99.0 | 73.4 |
| American Indian / Alaskan Native | 90.3 | 95.4 | 73.6 |
| Black / African American | 85.3 | 88.2 | 64.2 |
| Hispanic | 97.0 | 97.2 | 64.3 |
| Other | 96.1 | 97.6 | 61.5 |
| White non-Hispanic | 98.4 | 98.0 | 82.2 |
| **Total** | 95.8 | 96.2 | 76.8 |
|  |  |  |  |
|  |  |  |  |
|  | **Measures of Driver VMT** |
| **Race-Ethnicity** | **Annual VMT per driver (miles)** | **Annual VMT per person (miles)** | **Average miles per trip (miles)** |
| Asian |  8,677  |  6,372  | 10.0 |
| American Indian / Alaskan Native |  12,219  |  8,987  | 10.8 |
| Black / African American |  9,775  |  6,280  | 9.7 |
| Hispanic |  12,434  |  7,995  | 12.4 |
| Other |  8,762  |  5,385  | 8.6 |
| White non-Hispanic |  10,819  |  8,898  | 10.4 |
| **Total** |  10,649  |  8,196  | 10.4 |