

2022 NHTS Version 2.1 Release Notes

April 2025

Version 2.1 of the 2022 NHTS add Claritas variables, similar to those in prior NHTS surveys. In addition, a new summarized mode variable, TRIPMODE, was created.

Addition of TRIPMODE to the Trip File

The variable TRIPMODE was created in Version 2.1. This variable summarizes TRPTRANS while also including driver/passenger status for private vehicle trips. The coding of this variable is as follows:

- 01=Privately Owned Vehicle-Driver
- 02=Privately Owned Vehicle-Passenger
- 03=Public Transit
- 04=School Bus
- 05=Walk
- 06=Bike
- 07=Other

Claritas variables

Version 2.1 includes the addition of Claritas variables HBHUR and other density-related variables (HBHRES DN, HBHTNRNT, HBPPOPDN, HTEMPDN, HTHRES DN, HTHNRNT, and HTPPOPDN). The trip file contains density measurements associated with the trip origins and destinations, with variable names consistent with the household-based naming convention, but where each variable starts with O for origin location information, and D for destination location information.

A new addition for 2022 is the inclusion of Claritas variables for workplace and school locations. Similar to trip end naming conventions, Claritas variables containing workplace density information begin with W while Claritas variables containing school information begin with S.

Note that unlike prior years, values of Claritas values in the 2022 NHTS follow a 01, 02, etc. style format. See the 2022 Codebook at <https://nhts.ornl.gov/documentation> for more details.

2022 NHTS Version 2.0.1 Release Notes

December 2024

Version 2.0.1 of the 2022 NHTS contains a fix for the VMT_MILE variable in the Trip file, and a slight label correction in the Long Distance file. No other files have been modified from Version 2.0.

VMT_MILE Fix in the Trip File

The variable VMT_MILE was corrected in 34 trips in Version 2.0.1 to match TRPMILES. This error may have affected VMT calculations for users who used VMT_MILE, but not those who used TRPMILES. VMT calculations on the NHTS website's Data Explorer tool are unaffected.

Label Correction in the Long Distance File

The label for the variable LD_ICB was corrected to reflect Inter-City trips, as opposed to Intra-City.

2022 NHTS Version 2.0 Release Notes

February 2024

Version 2.0 of the 2022 NHTS is being released to enhance trip and household weights, both of which are utilized in the *Summary of Travel Trends: 2022 National Household Travel Survey*. This update also adds the Long Distance file and fixes other minor issues.

Enhanced Trip Weights in the Trip File

Version 2.0 includes enhanced trip weights designed to make data more compatible with prior NHTS surveys. See Version 2.0 of the 2022 NextGen NHTS Compatibility with Prior Data document for more information.

Trimmed Household Weights in Household and Vehicle Files

Version 2.0 also includes updated household weights trimmed for excessive values. Version 1.0 did not include these trimmed weights, despite the explanation in the 2022 Weighting Memo. This change impacts the Household and Vehicle files only, and results in updated values for the WTHHFIN, WTHHFIN5D, and WTHHFIN2D variables in both files.

Long Distance File

Long distance travel questions asked during the survey have been compiled into the long distance file, now included in version 2.0. It includes the most recent long distance trip (defined as 50 miles or more) for each person, if applicable, and is structured at the person level. This means statistics from this file should be based around persons traveling and not number of long distance trips.

Minor Fixes

Other issues fixed in version 2.0 include:

- Modification of the LAST30 and COV1/COV2 variable responses for “Don’t Know.” These were originally coded as 03 (or 05 for COV1 variables), but have been adjusted to -8, the standard NHTS value for such a response.
- W_NONE contained values of 01 where other W-series variables were selected. Values of W_NONE in those cases have been modified to 02 (not selected).
- HHFAMINC_IMP has been copied from the Household file to other files