What is the NHTS?

The National Household Travel Survey (NHTS) is a periodic national survey providing travel and transportation pattern data to transport planners and policy makers in the United States.

**2017 NHTS:**
- Nation’s daily travel inventory.
- Surveying 129,112 households.
- Daily trips/household over 24-hour period.

Previous Surveys:

Analyzed for trips, modes, purposes, trip lengths, and geographic areas including urban and rural areas.

What is the Add-on Program?

Since 1990, each NHTS survey has included a Pooled Fund option that enables state and regional transportation agencies to “add-on” to the number of surveys conducted in their region. In the 2017 NHTS, there were 13 add-on partners: 9 State DOTs and 4 MPOs.

<table>
<thead>
<tr>
<th>2017 NHTS Pooled Fund Partner</th>
<th>Add-on Surveys</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arizona DOT</td>
<td>2,444</td>
</tr>
<tr>
<td>California DOT</td>
<td>24,000</td>
</tr>
<tr>
<td>Georgia DOT</td>
<td>8,000</td>
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<tr>
<td>Maryland SHA</td>
<td>1,000</td>
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<tr>
<td>New York State DOT</td>
<td>15,851</td>
</tr>
<tr>
<td>North Carolina DOT</td>
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<tr>
<td>South Carolina DOT</td>
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<td>Texas DOT</td>
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</tr>
<tr>
<td>Wisconsin DOT</td>
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</tr>
<tr>
<td>Des Moines MPO</td>
<td>1,200</td>
</tr>
<tr>
<td>Kansas City MPO</td>
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<tr>
<td>Tulsa MPO</td>
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<tr>
<td>North Central TX COG</td>
<td>2,917</td>
</tr>
</tbody>
</table>

What is the NextGen NHTS?

Recognizing the challenges and opportunities in collecting travel behavior data, FHWA is launching a continuous travel behavior monitoring program. The NextGen NHTS will include two national components: core data and passive OD data. Data will be collected/compiled in 2020, 2022, and 2024.

**Core survey data:** Core data will be collected through a biennial survey effort. The survey will be smaller (~7,500 HH nationally + add-on surveys), include fewer questions than prior NHTS, and provide annualized travel estimates.

**Passive OD data:** new data product that will summarize passive OD data collected from various sources. The resulting data product will document OD flows at the MSA level, with temporal resolution at the annual and monthly levels.

What’s next?

Continuing the longstanding NHTS add-on tradition, agencies have the option of joining the NextGen NHTS pooled fund study. The NextGen NHTS has three add-on opportunities:
2. Core data add-on – additional surveys and six region-specific questions

NextGen NHTS pooled fund partners can join and leave the pooled fund based on their data needs (for example, one agency might join for the 2022 data cycle only while another agency might join for 2020-2024 data cycles).

What tools are anticipated?

- Online web-based tools that do not require special software now available at www.nhts.ornl.gov

Coming soon:
- Data Extraction Tool with “drag and drop” features
- Advanced Analytics features
- Visualization options to include tables, charts, and maps

What’s next?

Contracting process underway – two contracts anticipated (one for each NextGen NHTS component).

FHWA will convene the Technical Advisory Group to review, discuss, and finalize approaches.

Review and evaluate 2020 data products and adjust approach as needed for 2022 data cycle.

Acknowledgements

- 2017 NHTS funding by FHWA, 9 State DOTs and 4 MPOs through Pooled Fund Project TPF-5(304).
- NextGen NHTS funding by FHWA, 11 State DOTs, 2 MPOs, and 1 non-profit organization through Pooled Fund Project TPF-5(398).
- For more details about the NHTS, visit http://nhts.ornl.gov
- For Passenger Travel OD Zone files, see https://www.fhwa.dot.gov/policyinformation/analysisframework/04.cfm