

2021 VEHICLE INVENTORY AND USE SURVEY



The Vehicle Inventory and Use Survey (VIUS) was the principal data source on the physical and operational characteristics of the nation's truck population from 1963 through 2002.

The Bureau of Transportation Statistics is restoring VIUS in partnership with the Federal Highway Administration, the U.S. Department of Energy, and the U.S. Census Bureau to address the significant gap in our knowledge of the Nation's truck fleet.

2021 VIUS DATA COLLECTION

- VIUS will be conducted in 2022 and will collect data on the sampled truck's characteristics and use during 2021.
- VIUS is a sample of about 150,000 trucks registered to individuals and businesses.
- VIUS uses two questionnaires: light trucks (pickups, minivans, SUVs, other light vans) and heavy trucks (straight trucks and truck tractors).

PURPOSES AND USES

- Freight movement analysis.
- Energy efficiency of truck fleets.
- Emissions studies.
- Truck size and weight studies.
- Highway cost allocations.
- Tracking the deployment of driver-assistance technology.
- Input to freight demand models and air quality models.
- Role of motor vehicles in the economy.
- Fuel efficiency of the nation's truck fleet.
- Analyses of fees and allocation of cost among highway users.
- Highway traveler exposure to potential safety risks.

WHAT'S NEW FOR THE 2021 VIUS

A lot has changed since the last VIUS was conducted nearly 20 years ago — in both the trucking and the survey worlds!

This will be the first VIUS to collect data using an electronic instrument that works on all platforms. We hope this will make it easier and faster for respondents to participate in the survey, no matter where they are.

We have also revised or removed outdated questions and added some new questions to reflect changes in truck technologies and uses as well as changes in data needs.

NEW CONTENT FOR 2021

- Emerging vehicle technologies: driver assistance systems, collision warning and collision intervention features, driving control, and parking assistance features.
- Towing capacity.
- Maintenance costs.
- Time spent idling.
- Use of overweight permits.
- Mileage driven while cubed out or weighed out.
- Number of gears.
- ...and more!

More information and historical data can be found here: <www.bts.gov/vius> and <www.census.gov/vius>

> SURVEY TIMELINE <

