TSDC: Transportation Secure Data Center

Real-World Data for Planning, Modeling, and Analysis

TSDC

About the TSDC: Launched in 2010, the TSDC is a centralized repository for high-resolution transportation data from hundreds of travel and transit surveys and studies conducted across the nation. It makes vital transportation data broadly available to users while preserving the privacy of survey participants.

Two Levels of Access: Cleansed datasets with personally identifiable information removed are readily available for download via the TSDC website. Full datasets with detailed spatial data are accessible to approved users via a secure online portal.

Contributing Data: The TSDC houses surveys and studies conducted by state departments of transportation, metropolitan planning organizations, transit agencies, cities, and other public agencies. It relieves these organizations from the burden of archiving their data and responding to data requests. To contribute your data, contact **tsdc@nrel.gov**.

More than **70% of U.S. states** represented

More than **12 million miles** of in-vehicle and wearable GPS data

More than **26 million miles** of data from household travel diaries

More than **515,000 transit trips** from nearly **70 transit studies**

More than **5,000 registered users** from across universities, automakers, consultants, governmental organizations, nonprofits, national labs, and other arenas

More than **260** research publications drawing on TSDC data

Visit www.nrel.gov/tsdc

U.S. Department of ENERGY | Office of Energy Efficiency & Renewable Energy

Livewire Data Platform
A Catalog of Transportation and Mobility Data

About Livewire: The Livewire Data Platform empowers research, industry, and academic partners to easily and securely preserve, maintain, share, discover, and gain access to transportation and mobility data.

Livewire offers free data storage and a host of features for data owners to securely share data. Anyone may create an account to browse public data**.**

Range of Data Types and Uses: Livewire accommodates a range of datasets, including behavioral, experimental, model, analytical, and raw data at the vehicle, traveler, and system levels.

Datasets support energy-efficient mobility research and planning spanning urban science, connected and automated vehicles, fueling and charging infrastructure, mobility decision science, multimodal transportation, vehicle efficiency, and more.

NREL — Transforming ENERGY

INL — Idaho National Laboratory

Pacific Northwest NATIONAL LABORATORY

The National Renewable Energy Laboratory, Idaho National Laboratory, and Pacific Northwest National Laboratory maintain Livewire in partnership with the U.S. Department of Energy.
Photo by Dennis Schroeder, NREL 59886

LIVEWIRE
DATA PLATFORM

Features **7** terabytes of data and **11,000** individual data files from **73** participating organizations

Includes **395** datasets from **52** transportation- and mobility-related projects

Visit livewire.energy.gov