


About the TSDC

- Houses data from travel surveys and transportation studies conducted across the nation
- Covers millions of miles of travel data from personal vehicles and other modes—transit, biking, and walking
- Includes millions of data points—second-by-second GPS readings, vehicle characteristics, and demographics
- Initial data screened for quality control, translated into consistent format, and interpreted for spatial analysis
- Features added information on vehicle fuel economy and road grades and joins data points to the road network

Two Levels of Access

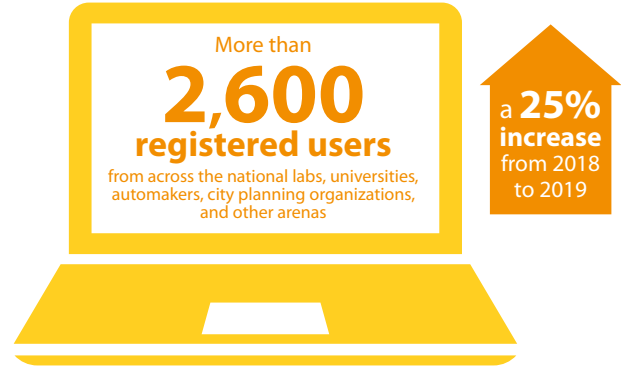
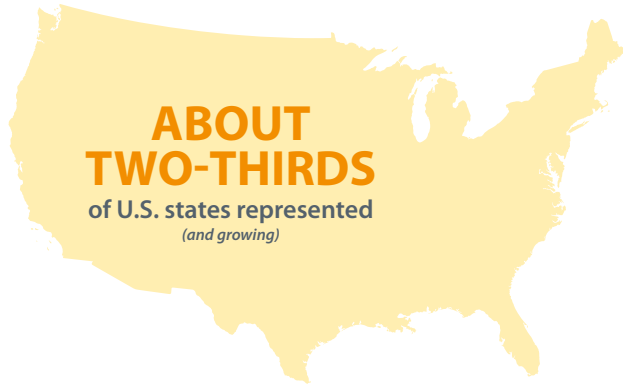
Cleansed data – Publicly available data sets include high-level summary statistics, vehicle and participant demographic information, second-by-second speed profiles, and NREL processing results

Detailed spatial data – Full data sets, accompanied by tools and reference data, accessible via a secure online portal after completing application and approval process



Visit: www.nrel.gov/tsdc

Transportation Secure Data Center by the Numbers:



12 MILLION MILES
of in-vehicle and wearable GPS data

40 MILLION MILES
of data from travel diaries



165 research
publications



drawing on
TSDC data