

In the Attachment A
Automated Vehicle Transparency and Engagement for Safe Testing (AV TEST) Initiative
Proposed Data Elements for Participants

These are potential data fields NHTSA plans to collect from AV TEST Initiative participants. NHTSA feels the below categories of data are relevant to inform the public about the significant activities taking place across our Nation regarding on-road testing of automated vehicles. Listed below are data fields that will be collected from: 1) Companies conducting ADS testing and information related to their operation and 2) States and local governments and the relevant laws and policies specifically related to ADS testing in their respective localities. Potential participants and the public are encouraged to provide input towards shaping these topics as the agency moves forward to providing a mature webpage for public use. The listed data fields marked with an asterisk (*) must be completed as part of participant submissions to the AV TEST tracker.

Participant Information Categories

- Category of activity*
 - Demonstration
 - ADS Testing
 - Commercial Use
 - Law
 - Policy or Program
 - Informational
 - Upcoming Event
- Title of the submission*
- Status*
 - New
 - Under Review
 - Closed
- Priority Level*
 - Critical
 - Major
 - Minor
 - Trivial

Manufacturers/Developers Conducting ADS Testing

- Company
 - Address
 - Logo
- Description¹ of company profile, ADS program (formation, goals, timelines, etc.)
 - Provide the URL for the company or business unit developing automated vehicles (AV)
- Description of VSSA

¹ Description text fields will be limited to 100 characters.

- o URL – Voluntary Safety Self-Assessment Document
(<https://www.nhtsa.gov/automated-driving-systems/voluntary-safety-self-assessment>)
- Location of ADS testing; city/province, state, country*
- Information on the type of roads the testing will be conducted on*
 - o Public/Private Road and Road Type
 - Freeway
 - Highway
 - Parking Lot
 - Rural
 - Street
 - Business Campus
 - Path/Sidewalk
 - University
 - Unknown
 - Not Specified
- Geolocation information on the testing activity; latitude and longitude*
- Description of ADS test base vehicle type*
 - o Car
 - o SUV
 - o Van
 - o Light Truck
 - o Heavy Truck
 - o Bus
 - o Shuttle
 - o Delivery Robot
 - o Other
 - o Micro Mobility Platform
- Information on testing operation status*
 - o Active (and start date)
 - o Completed
 - o Inactive
- Information on safety operator*
 - o In-Vehicle Safety Operator
 - o Remote Safety Operator
 - o In-Vehicle or Remote Safety Operator
 - o No
 - o Not Reported
- Information on providing service*
 - o Public
 - o Delivering Goods
 - o Employee Riders
 - o Test Team Only

State/Local Governments Providing Guidance on ADS Testing

- Provide general information on the State or local government (for identification purposes)
 - Relevant ADS specific legislation
 - Describe/Provide URL to ADS Legislation
 - Relevant ADS policy, processes or procedures for ADS testing
 - Describe/Provide URL to state ADS Department of Transportation, Motor Vehicles or equivalent related to ADS registration, and other requirement related to the practical implementation of state laws.
 - Describe/Provide URL to state approved/registered ADS manufacturers or developers.
 - Describe/Provide URL guidance to first responders, general public, etc., related to the general interaction with ADS test vehicles.
 - Describe/Provide URL to related state sponsored initiatives, incentives, partnerships, etc., for ADS development and testing.