



SAE
INTERNATIONAL®

Executive leadership
provided by
MEVA

**GOVERNMENT/
INDUSTRY
MEETING**

January 22-24, 2020 | Washington, DC
sae.org/gim

NHTSA's Fatality and Injury Reporting System Tool (FIRST)

A modernized query tool to query major NHTSA databases (FARS, GES and CRSS) to generate trends of crash statistics in the form of tables, charts and GIS Maps

National Center for Statistics and Analysis (NCSA)

- NCSA Data Tools Homepage: <https://cdan.nhtsa.gov/>
 - CrashStats: Motor Vehicle Crash Data Publications
 - Repository of NCSA publications and research
 - State Traffic Safety Information (STSI)
 - Key safety metrics for fatal motor vehicle crashes for each State and County
 - Traffic Safety Facts Annual Reports Tables (TSFAR)
 - 100 + tables and charts of key safety metrics
 - Fatal, Injury and Property Damage Only Crashes
 - Fatality Analysis Reporting System (FARS) Data Tables
 - Assorted tables of key safety metrics
 - Fatality and Injury Reporting System Tool (FIRST)
 - Interactive motor vehicle crash query tool

Fatality and Injury Reporting System Tool (FIRST)

- Fatal Motor Vehicle Traffic Crashes:
 - Fatality Analysis Reporting System (FARS) 1975 +
 - Census of Fatal Traffic Crashes
 - Data for FARS cases include some or all of the following:
 - Police crash reports
 - Death certificates
 - Coroner/medical examiner reports
 - Emergency medical service reports (EMS)
 - State driver licensing files
 - State vehicle registration files
 - State highway department data

Fatality and Injury Reporting System Tool (FIRST)

- Injury and Property Damage Only Crashes:
 - Crash Reporting Sampling System (CRSS) 2016 +
 - National Automotive Sampling System (NASS) General Estimates System (GES) 1988-2015
 - Nationally Representative Probability Sample
 - Approximately 50,000 sampled from estimated 5-6 million police-reported crashes
 - Subset of available FARS Data Elements
 - Police crash report only
 - National estimates only

Fatality and Injury Reporting System Tool (FIRST)

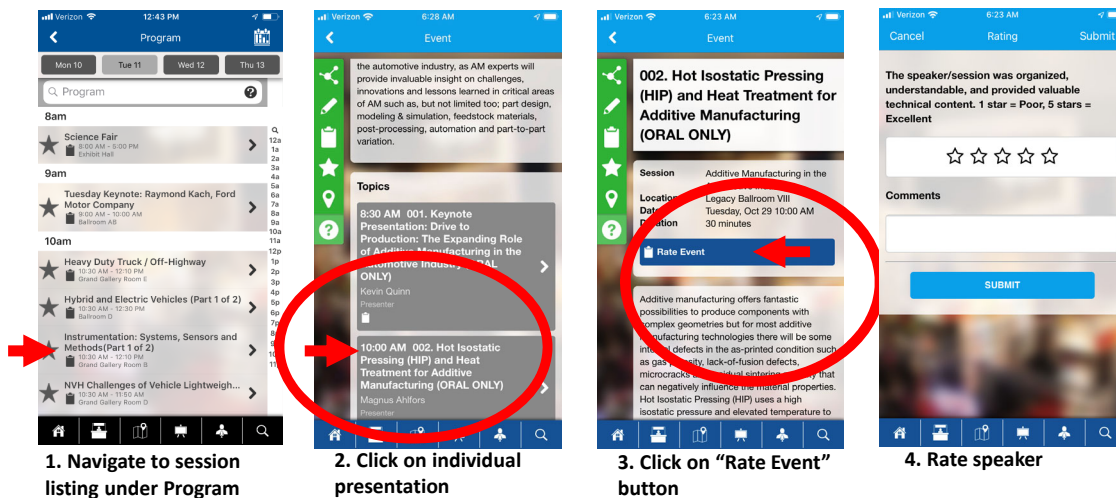
Key Features:

- Most recent 15 years (currently 2004-2018)
 - Allows for Analysis of Trend Data
- Filter data
 - Apply NHTSA definitions
- Report Options: tables, charts and crash location maps (FARS Only)
- Output Options: pdf, rtf and csv
- Download case data for selected query (single year) – csv format
- Flexible Design
 - Maintenance and updates

Thank you

- Anders Longthorne
- National Highway Traffic Safety Administration (NHTSA)
- 1200 New Jersey Avenue, Washington DC
- (202) 366-5358
- anders.longthorne@dot.gov

Rate My Talk in the App



1. Navigate to session listing under Program

2. Click on individual presentation

3. Click on "Rate Event" button

4. Rate speaker

SAE International®
Government/Industry Meeting