FAST: FY 2018 Federal Fleet Data Call

Ron Stewart, Timothy P Raczek

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Idaho National Laboratory
Idaho Falls, Idaho 83415

http://www.inl.gov

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Federal Automotive Statistical Tool

FY 2018 Federal Fleet Data Call

What we’ve learned, what’s changed...

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Ron Stewart ● Tim Raczek
FAST Team
Idaho National Laboratory
Recap: FY 2017 Data Call and Vehicle-level Data (VLD)

- 39 of 49 reporting Federal agencies provided VLD
  - First use of VLD for all except Department of the Treasury
  - Fleets from 3 to 230K vehicles

- ~ 90% of fleet reported as VLD
  - ~ 610K vehicles
  - ~ 915K fuel entries
What we learned…

• Reminder: Incoming data is validated against:
  – “Blocking” validation checks: prevent invalid data from being reported
  – “Flagging” validation checks: identify questionable data

• After data call, comprehensive review of flags and flagged data
  – Looking at flag counts
  – … and flags by agency, ownership type, etc.
  – … and distribution of the relevant data vs what was flagged

  – Trying answer one key question:
    • “Are we flagging what we should be?”
What we learned...

- Flags
  - ~ 910K flags
  - 25 of 26 defined flags occurred
  - Counts from 10 to 235K per flag

- OC-8.4 Maintenance Cost 235,098
- F-4.6 Fuel Efficiency 230,688
- OC-10.4 Indirect Cost 186,487
- Miles Traveled 135,012
What we learned...

• Evaluated every existing flag
  – Review of flagging thresholds
    • “What is typical for this data?”
  – Review of vehicle applicability
    • “Which vehicles should this flag apply to?”
  – Result: decision if/how to revise each flag

• Result
  – 11 flagging rules with significant changes
  – Decrease of ~ 500K flags
Other changes…

- **Make things simpler, easier, better**
  - Several clarifications to data element or biz rule descriptions
  - Support for “U” class ZIP codes for element A-10, Garage Location
    - e.g., ZIP codes assigned to many Federal buildings
  - Support for "MD Ambulance" vehicle type
    - for consistency with “LD Ambulance” and “HD Ambulance”
  - New flagging rule for vehicles reporting B100 fuel consumption w/o DSL consumption
  - New blocking rules consistency of future-year data
    - Acquisition costs vs. quantities, disposal proceeds vs. quantities

- **Requirements-driven changes**
  - Element S-4, EO 13693 Designation
    - Deprecated for FY 2018 reporting
    - To be retired for FY 2020 reporting
  - 4 biz rules related to S-4 deprecated, modified, or retired
FY 2018 Federal Fleet Data Call

• In progress now, runs through 12/17

• Covers the following information areas:
  – FY 2018 fleet and operation
  – Electric vehicle supply equipment (EVSE) inventory and cost data

• Check with your agency’s HQ fleet manager if you have questions on how/if you are involved in supporting these reporting activities
More information…

- FAST Help > Resources > Vehicle-Level Data
  - Current versions of key resources:
    - Data Element Reference
    - Business Rules Reference
    - Comprehensive summary of these changes

- FAST Help > News
  - Information about recent and pending changes

- Web Address: https://fastweb.inl.gov/help/
More information…

- **FAST Program Points of Contact**
  - DOE Federal Energy Management Program
    - Brad Gustafson (brad.gustafson@ee.doe.gov)
  - GSA Office of Government-wide Policy
    - Jim Vogelsinger (james.vogelsinger@gsa.gov)
    - Patrick McConnell (patrick.mcconnell@gsa.gov)
  - EIA Office of Energy Consumption & Efficiency Statistics
    - Cynthia Sirk (cynthia.sirk@eia.gov)
  - INL FAST Team
    - Michelle Kirby (michelle.kirby@inl.gov)
    - Ron Stewart (ron.stewart@inl.gov)
    - Tim Raczek (timothy.raczek@inl.gov)
    - Twitter: @FASTdevs