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FAST: FY 2018 Federal Fleet Data Call

Ron Stewart, Timothy P Raczek

October 2018

The INL is a U.S. Department of Energy National Laboratory
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Federal Automotive Statistical Tool

FY 2018 Federal Fleet Data Call

What we've learned, what's changed…

FedFleet • October 24, 2018

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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…

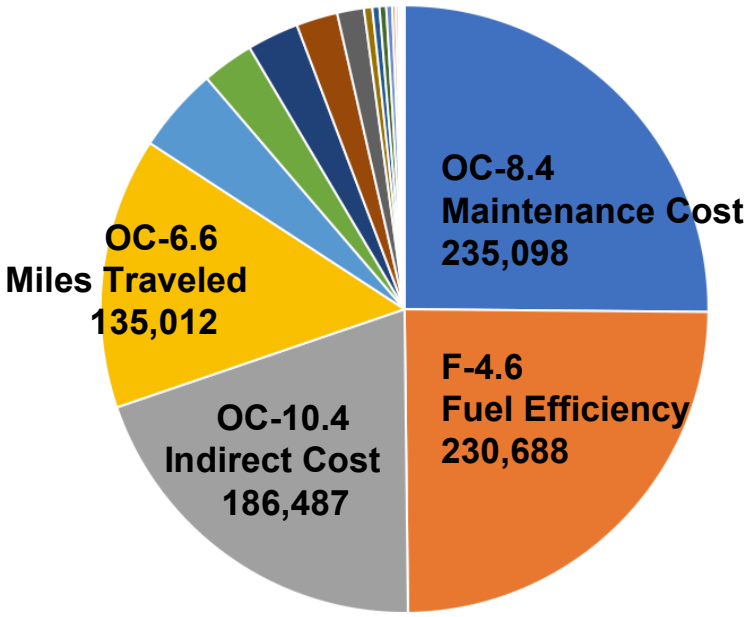
- **Reminder: Incoming data is validated against:**
  - "Blocking" validation checks: prevent invalid data from being reported
  - "Flagging" validation checks: identify questionable data

- **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?"*

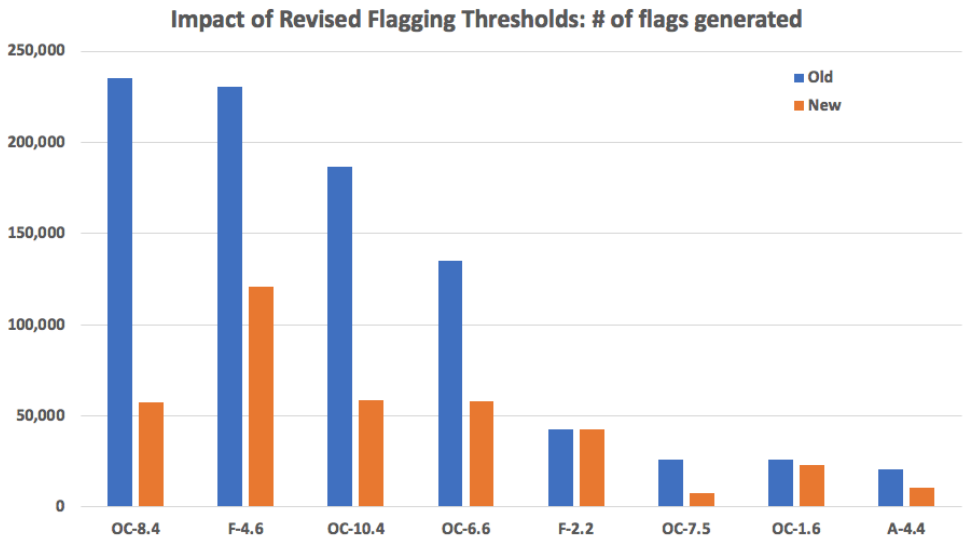
What we learned…

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



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

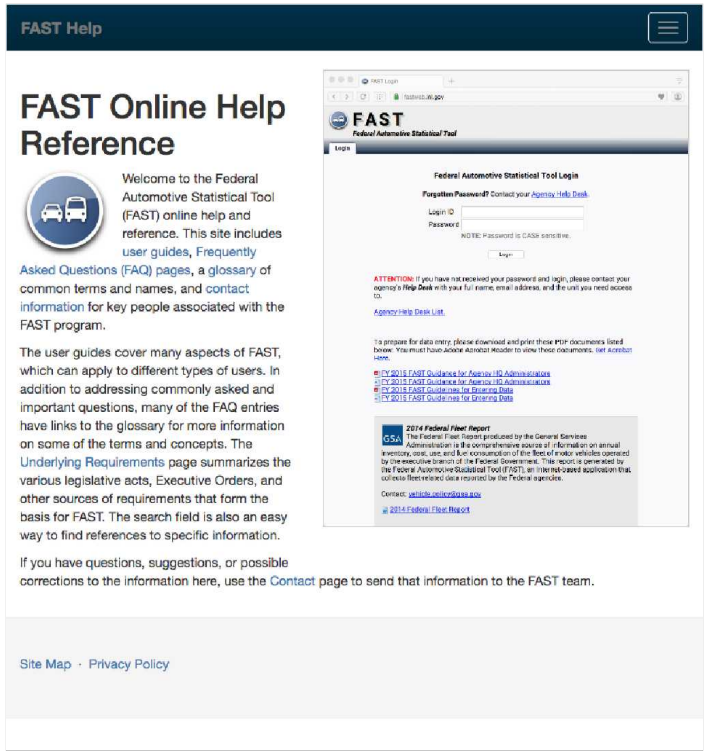
- **Check with your agency's HQ fleet manager if you have questions on how/if you are involved in supporting these reporting activities**

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**
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