

# ***EPA Act AFV Acquisition Compliance Analysis***

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**INTERFUEL  
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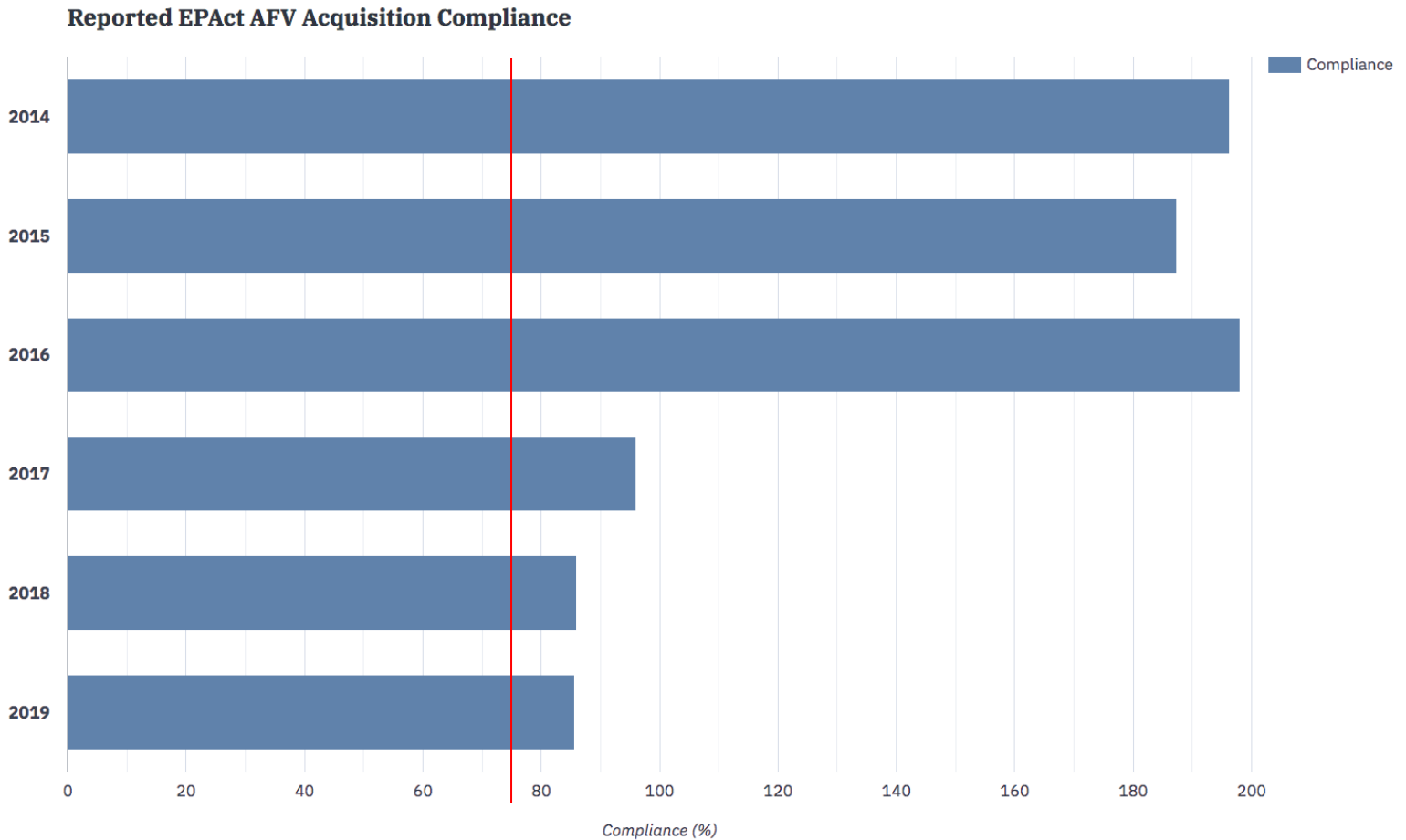
## ***Disclaimers***

***All FY 2019 data shown in the following slides is preliminary, subject to change based on agency corrections, and shown here solely to support discussion***

# ***EPAct AFV Compliance Analysis***

***Question: What is causing the recent decrease in compliance with the EPAct AFV acquisition requirement?***

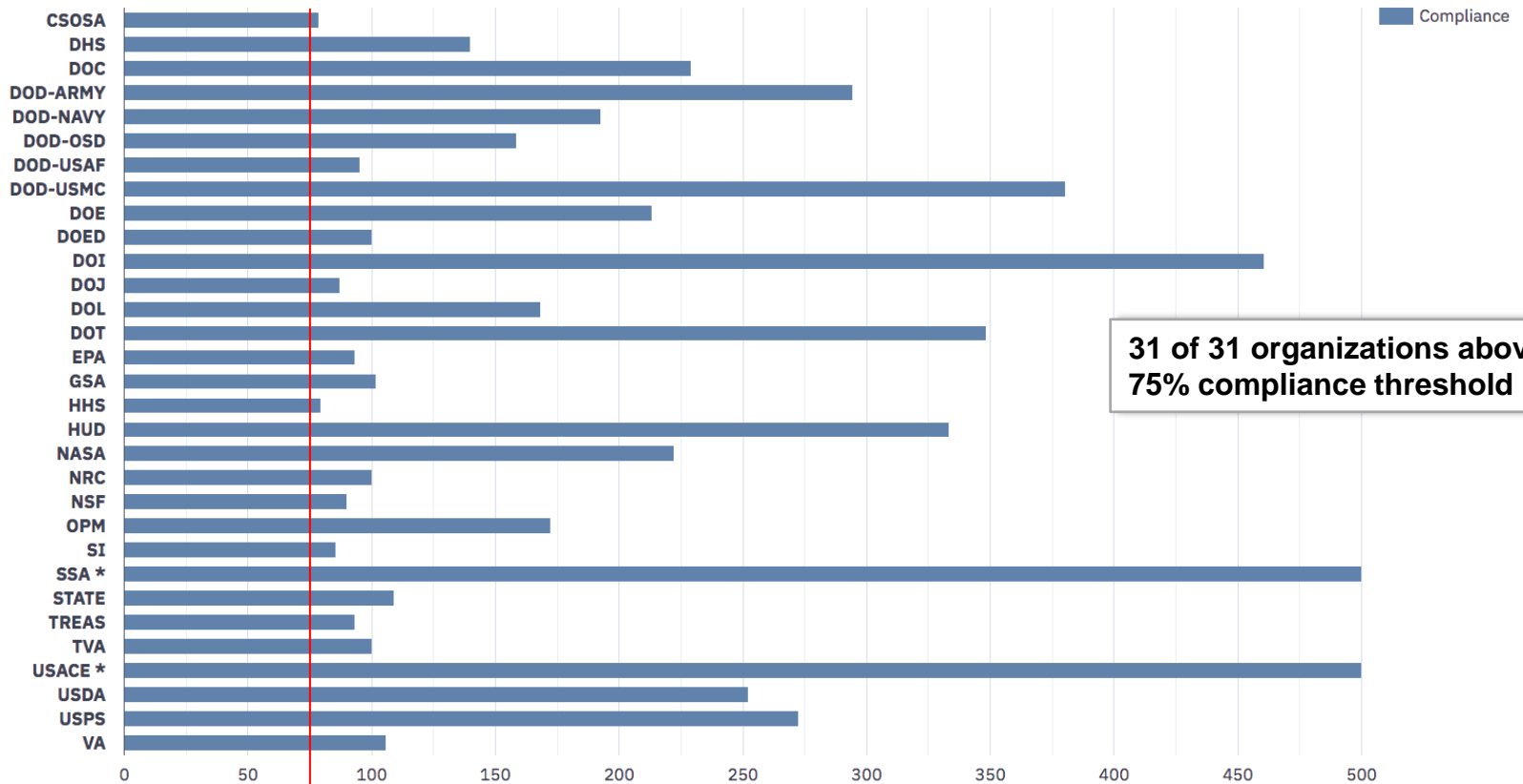
# Recent EPAct AFV Acquisition Compliance



Source: FAST, 2020-01-16. Any FY 2019 data shown is considered preliminary and subject to change.

# Recent EPAct AFV Acquisition Compliance

FY 2014 Reported EPAct AFV Acquisition Compliance

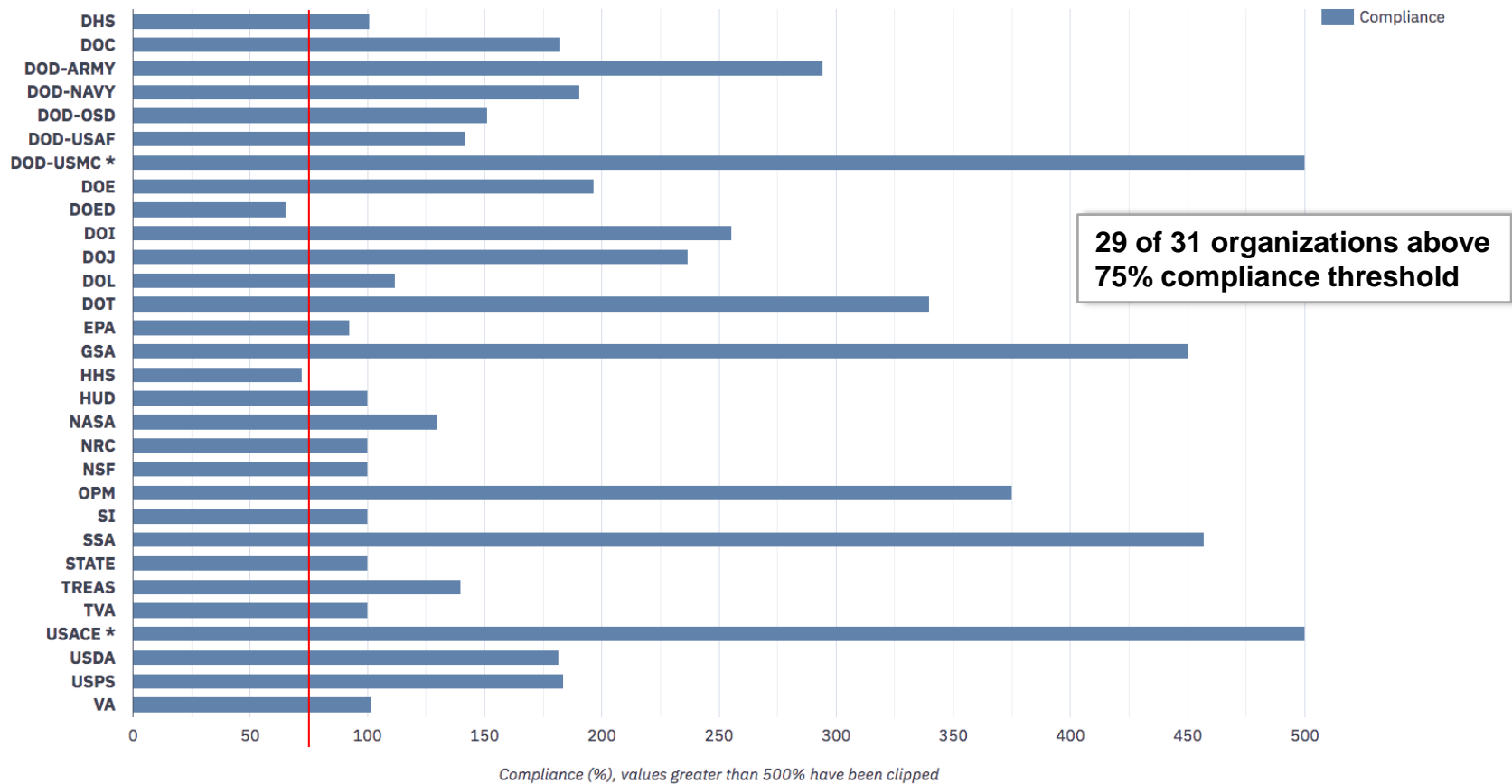


Compliance (%), values greater than 500% have been clipped

Source: FAST, 2020-01-16. Covered agencies not shown reported no acquisitions and are considered compliant. Any FY 2019 data shown is considered preliminary and subject to change.

# Recent EPAct AFV Acquisition Compliance

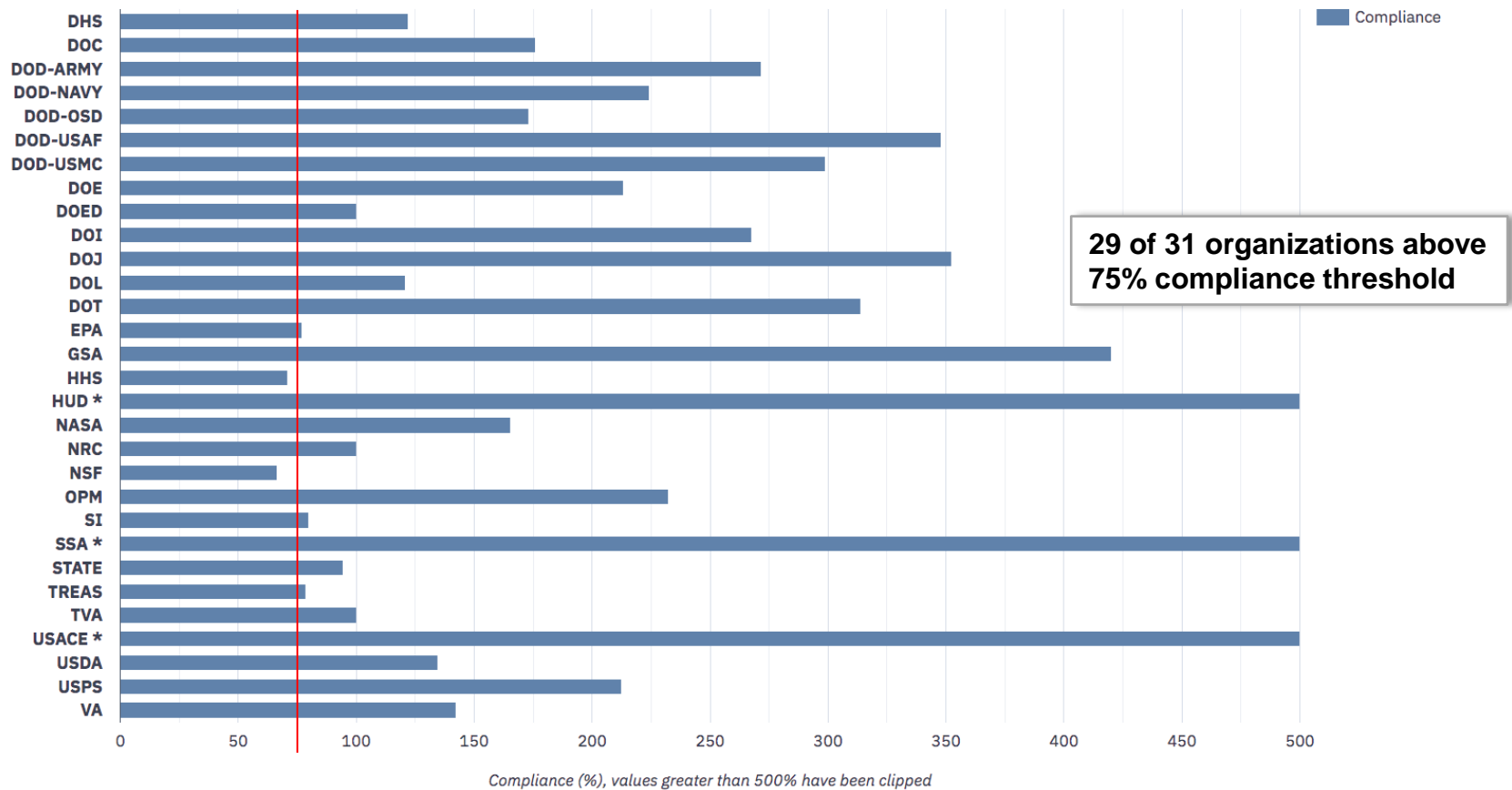
FY 2015 Reported EPAct AFV Acquisition Compliance



Source: FAST, 2020-01-16. Covered agencies not shown reported no acquisitions and are considered compliant. Any FY 2019 data shown is considered preliminary and subject to change.

# Recent EPAct AFV Acquisition Compliance

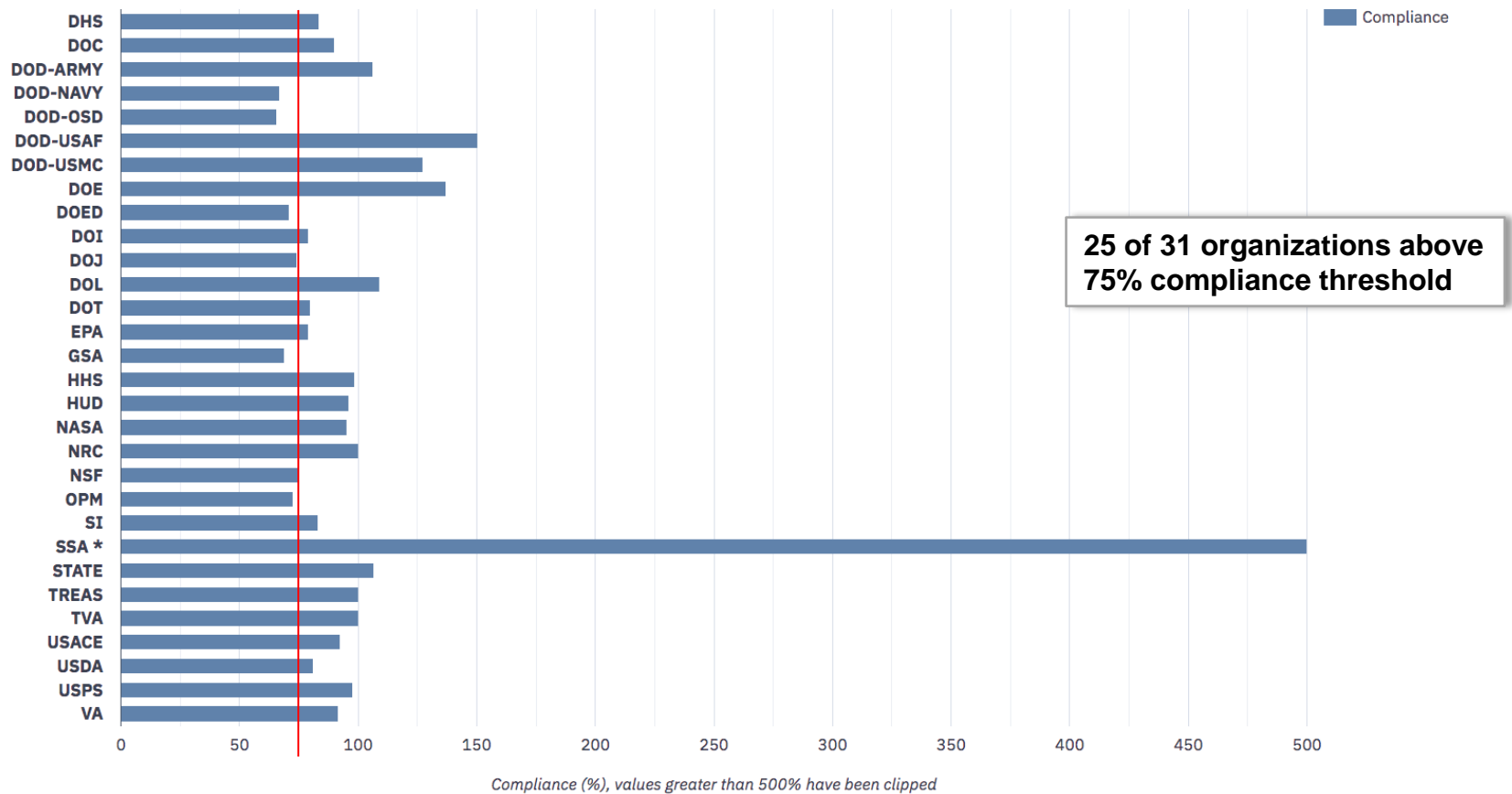
FY 2016 Reported EPAct AFV Acquisition Compliance



Source: FAST, 2020-01-16. Covered agencies not shown reported no acquisitions and are considered compliant. Any FY 2019 data shown is considered preliminary and subject to change.

# Recent EPAct AFV Acquisition Compliance

FY 2017 Reported EPAct AFV Acquisition Compliance

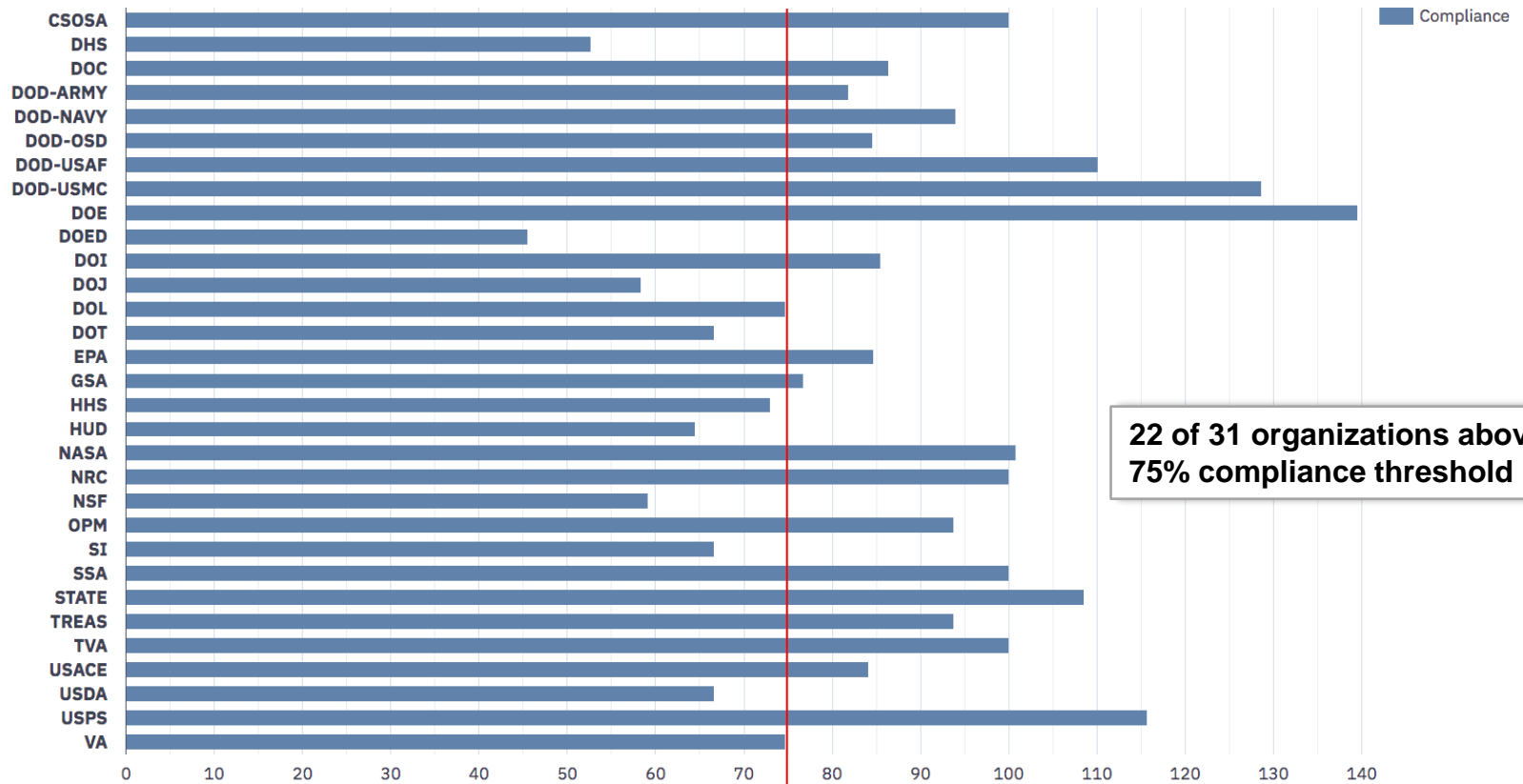


Source: FAST, 2020-01-16. Covered agencies not shown reported no acquisitions and are considered compliant. Any FY 2019 data shown is considered preliminary and subject to change.



# Recent EPAct AFV Acquisition Compliance

FY 2018 Reported EPAct AFV Acquisition Compliance



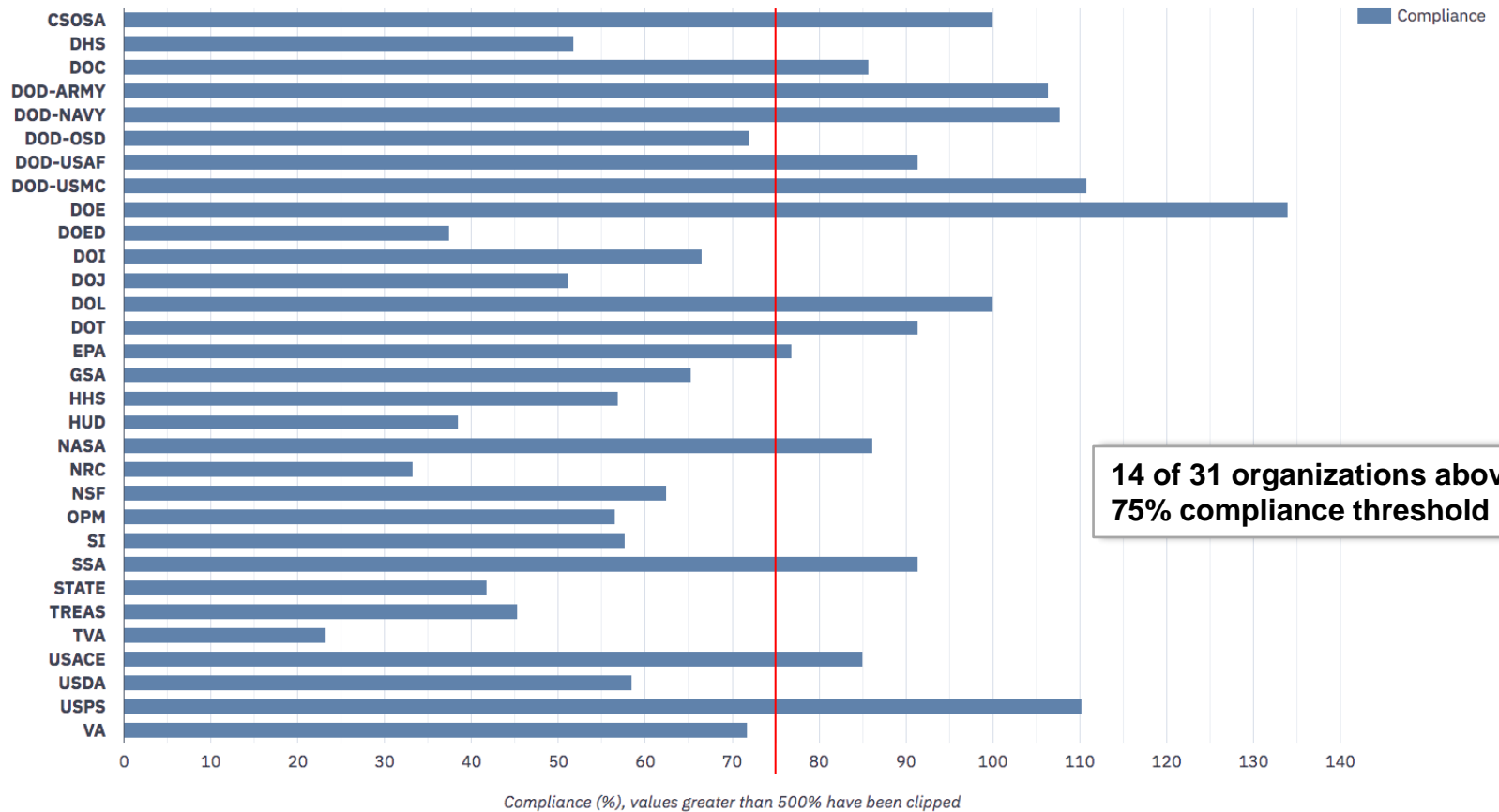
**22 of 31 organizations above 75% compliance threshold**

*Compliance (%), values greater than 500% have been clipped*

Source: FAST, 2020-01-16. Covered agencies not shown reported no acquisitions and are considered compliant. Any FY 2019 data shown is considered preliminary and subject to change.

# Recent EPAct AFV Acquisition Compliance

FY 2019 Reported EPAct AFV Acquisition Compliance



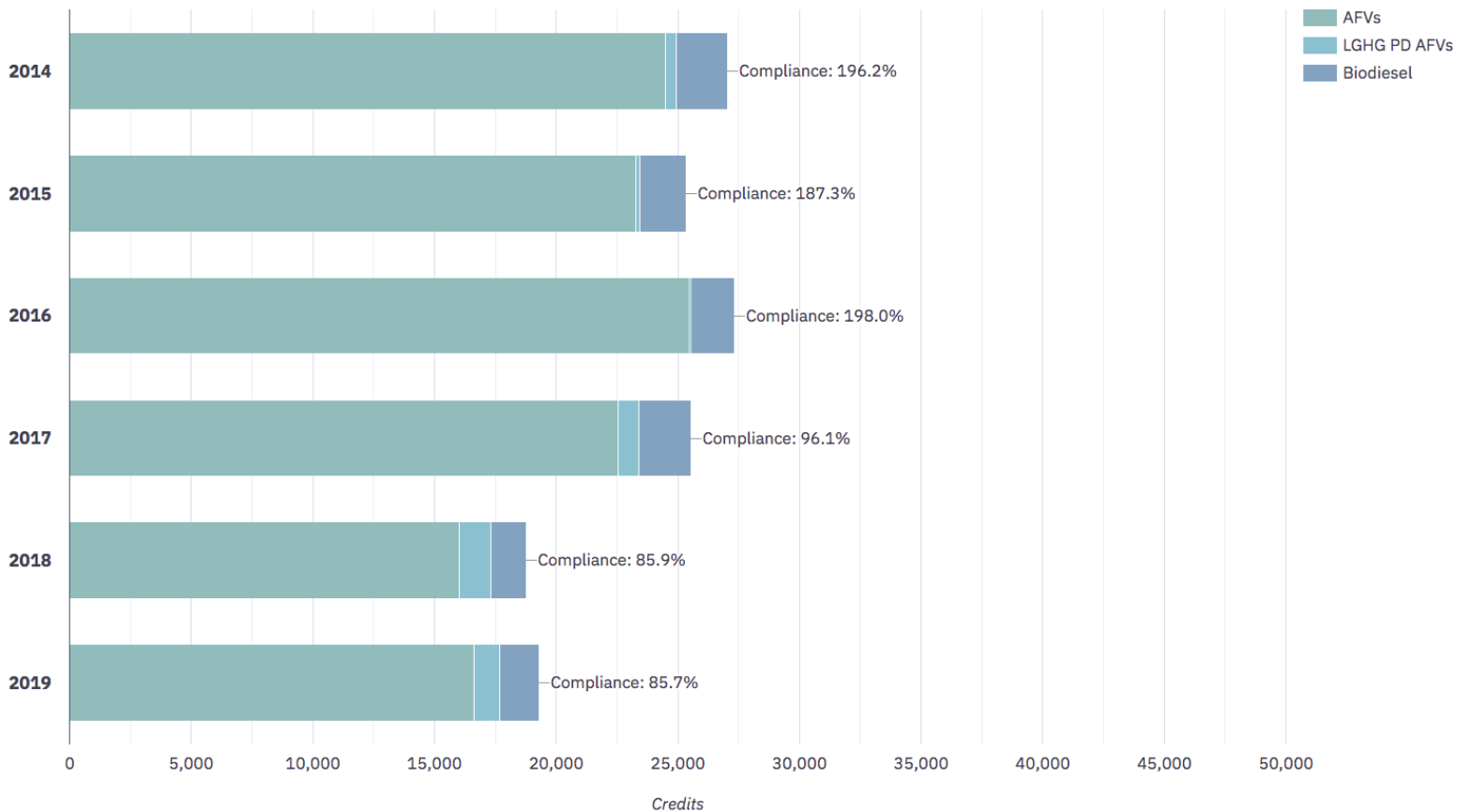
Source: FAST, 2020-01-16. Covered agencies not shown reported no acquisitions and are considered compliant. Any FY 2019 data shown is considered preliminary and subject to change.

## ***What's behind the drop in compliance?***

- **Pre-VLD years' compliance may have been *overstated*?**
- **VLD years' compliance significantly *understated*!**

# EPAct AFV Acquisition Credits

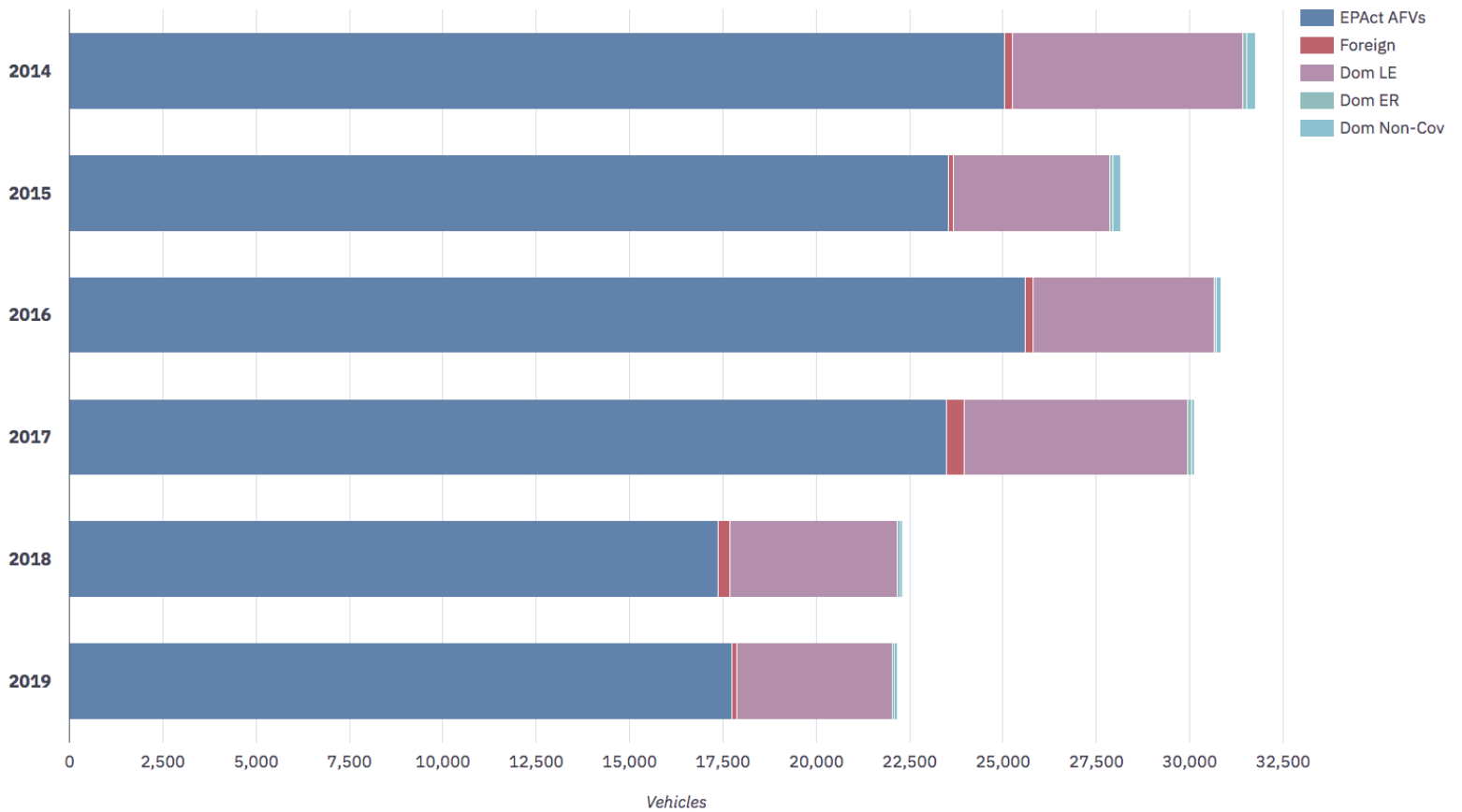
EPAct AFV Acquisition Credits: All Covered Agencies



Source: FAST, 2020-01-16. Any FY 2019 data shown is considered preliminary and subject to change.

# Recent AFV Acquisitions

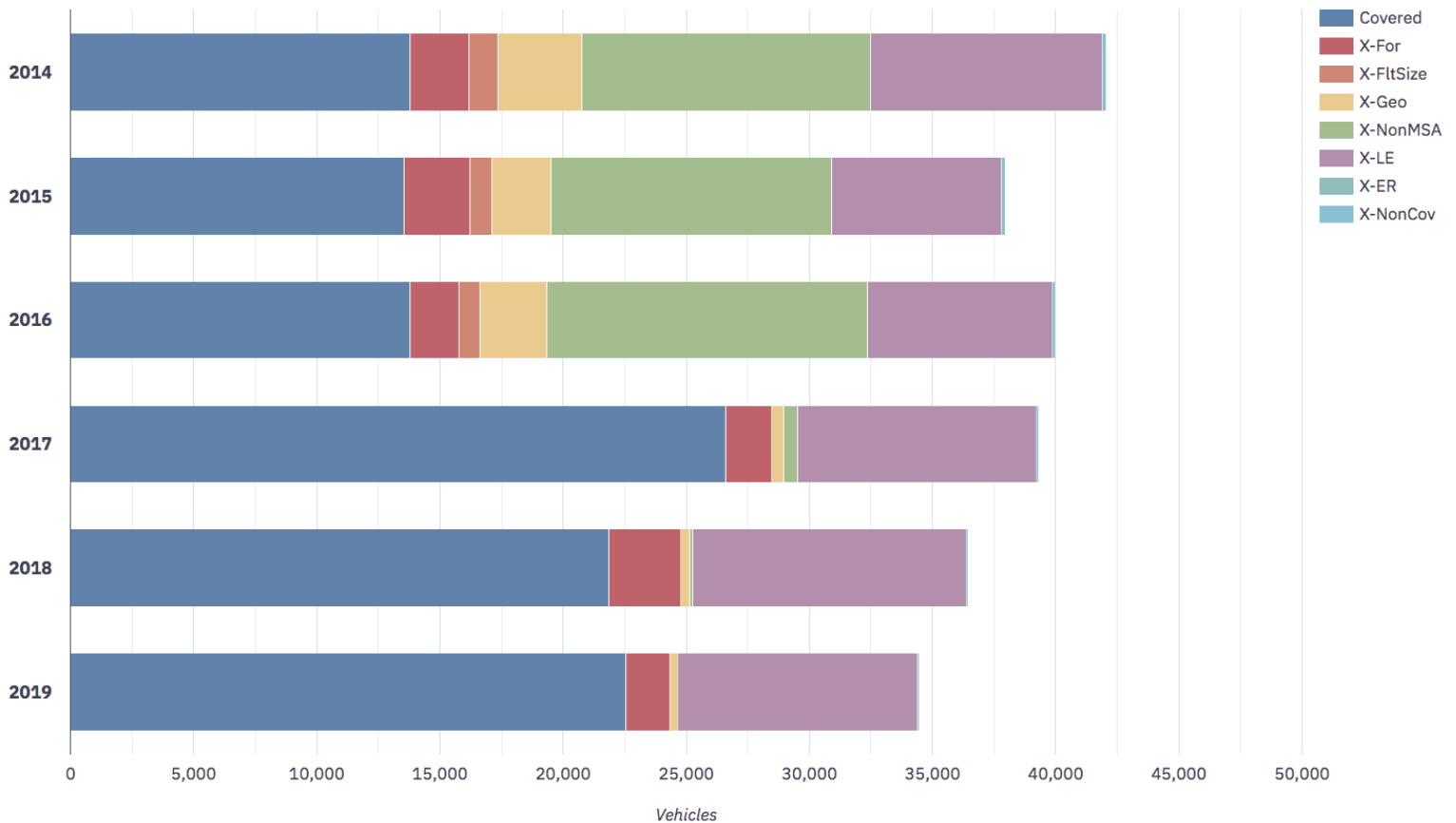
AFV Acquisitions: All Covered Agencies



Source: FAST, 2020-01-16. Any FY 2019 data shown is considered preliminary and subject to change.

# Designation of Light-Duty Acquisitions

Light-Duty Vehicle Acquisitions: All Covered Agencies



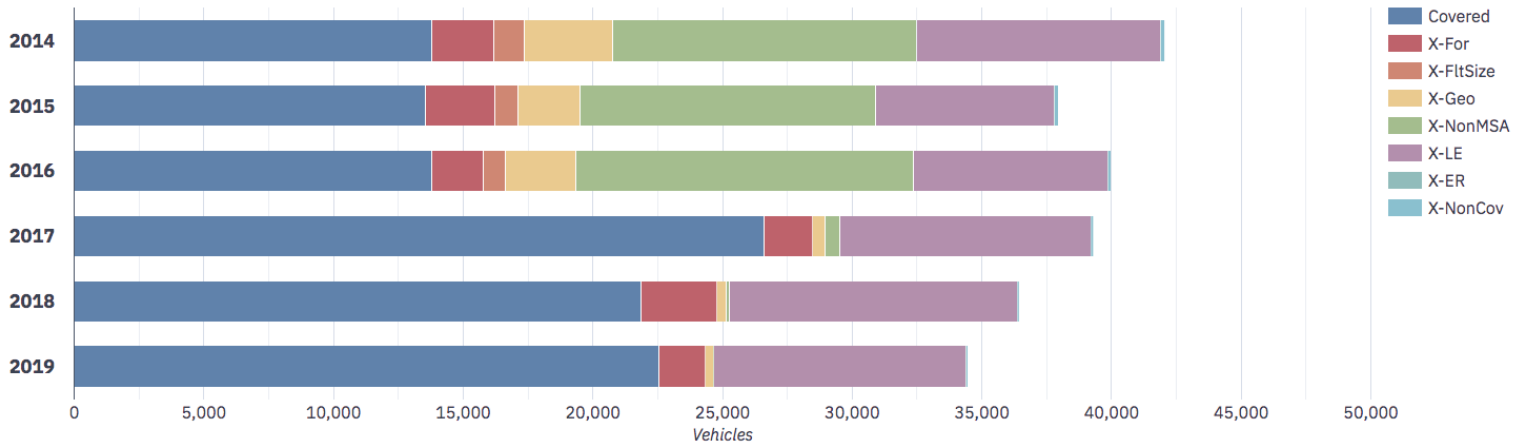
Source: FAST, 2020-01-16. Any FY 2019 data shown is considered preliminary and subject to change.

## ***What if we take a different approach?***

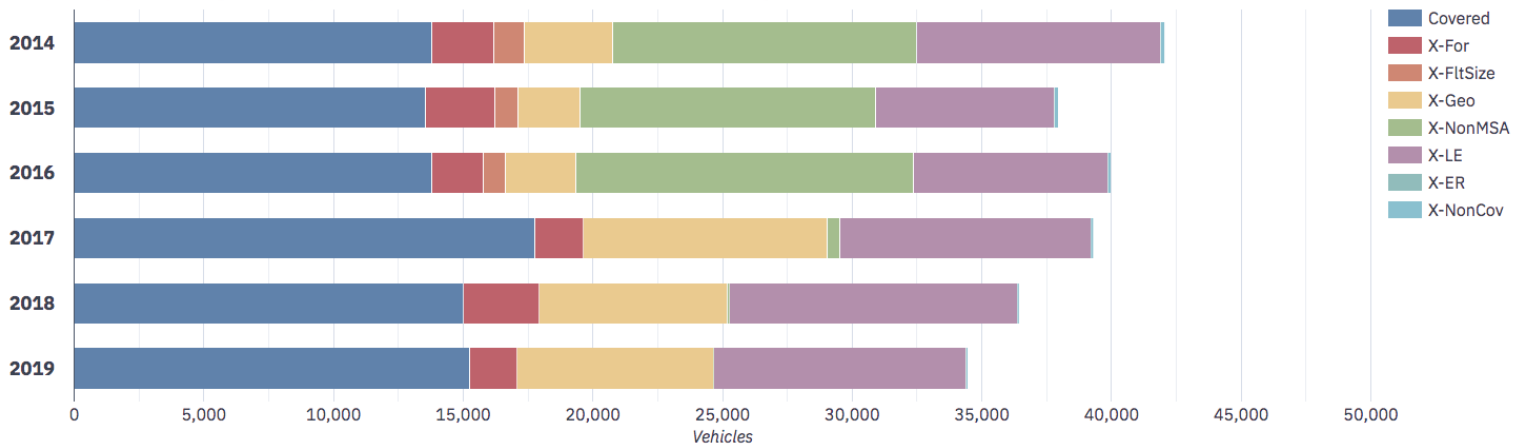
- **Proposed approach to calculating compliance:**
  - Use vehicle location information to
    - Provide geographic exemptions
    - Verify agency-claimed geographic exemptions
    - Verify agency-claimed non-MSA operation exemptions
- **Yields a more accurate characterization of compliance for FY 2019 and future years**
- **Note: DOE does not plan to revise pre-2019 compliance figures!**

# Proposed Approach: Hypothetical Result

**Reported Light-Duty Vehicle Acquisitions: All Covered Agencies**



**Adjusted Light-Duty Vehicle Acquisitions: All Covered Agencies**

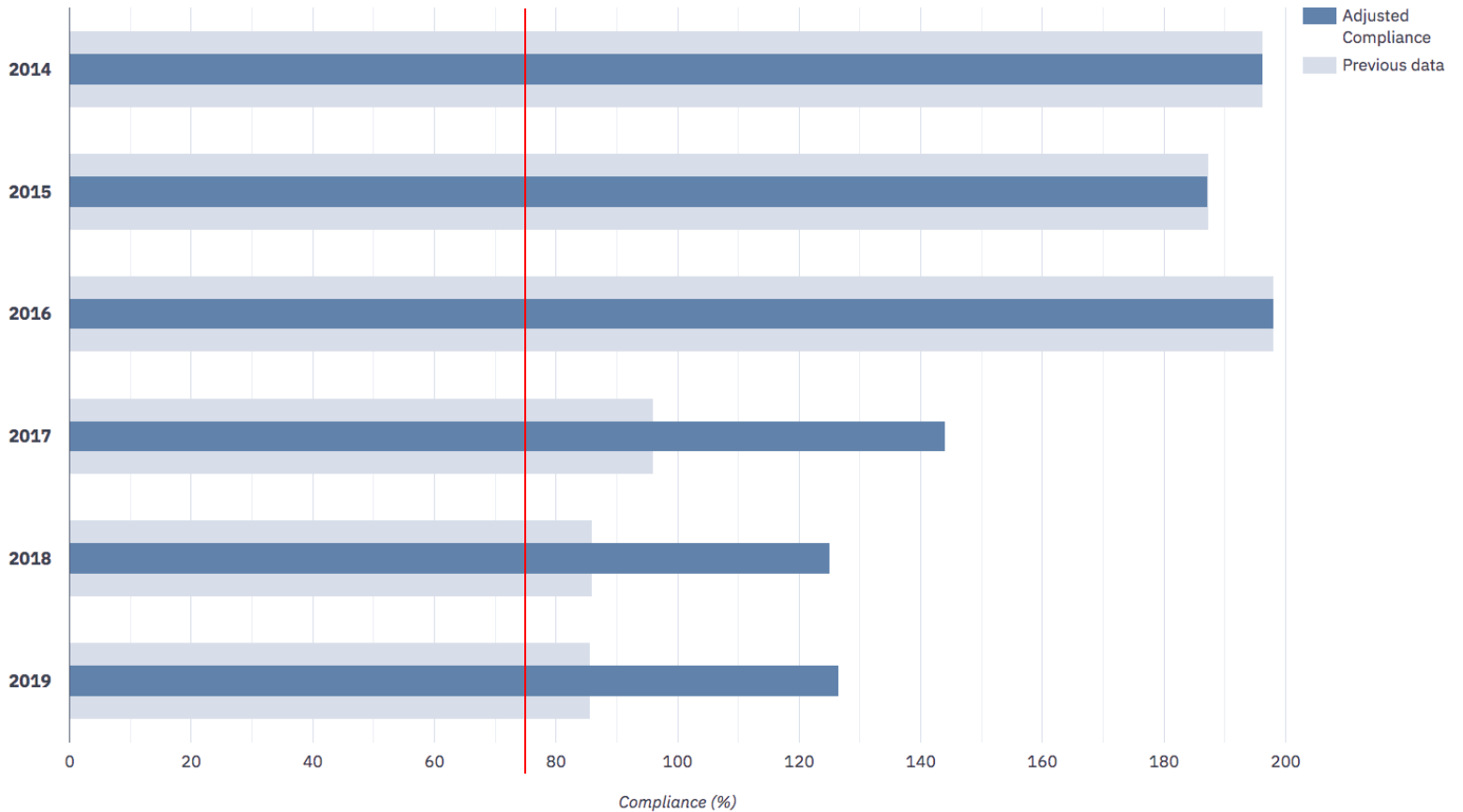


Source: FAST, 2020-01-16. Any FY 2019 data shown is considered preliminary and subject to change. DOE does not plan to revise pre-2019 compliance data; shown here only for illustration.



# Proposed Approach: Hypothetical Result

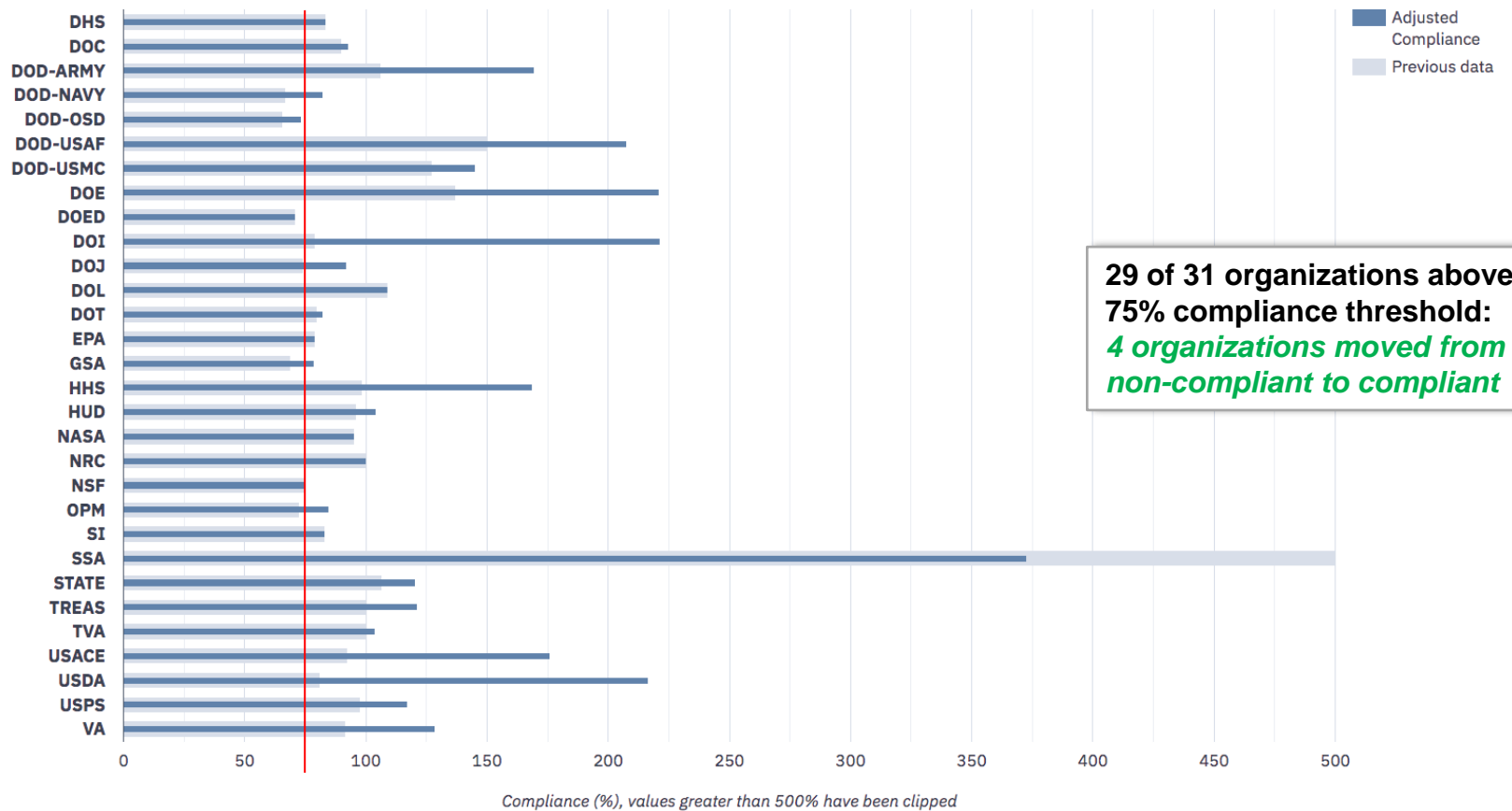
Adjusted EPA Act AFV Acquisition Compliance: All Covered Agencies



Source: FAST, 2020-01-16. Any FY 2019 data shown is considered preliminary and subject to change. DOE does not plan to revise pre-2019 compliance data; shown here only for illustration.

# Proposed Approach: Hypothetical Result

FY 2017 Adjusted EPAct AFV Acquisition Compliance Comparison

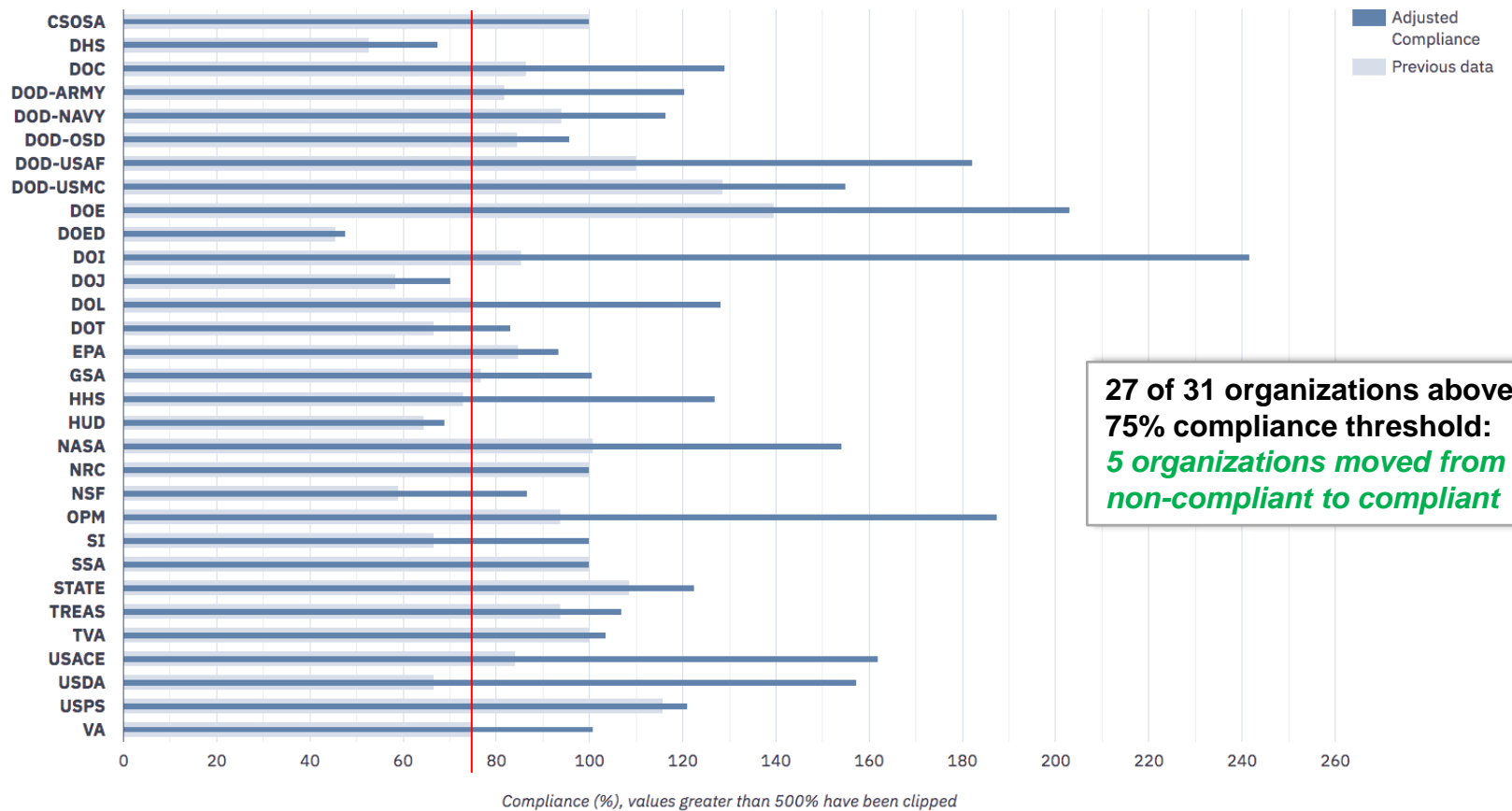


**29 of 31 organizations above 75% compliance threshold:**  
*4 organizations moved from non-compliant to compliant*

Source: FAST, 2020-01-16. Covered agencies not shown reported no acquisitions and are considered compliant. DOE does not plan to revise pre-2019 compliance data; shown here only for illustration.

# Proposed Approach: Hypothetical Result

FY 2018 Adjusted EPAct AFV Acquisition Compliance Comparison

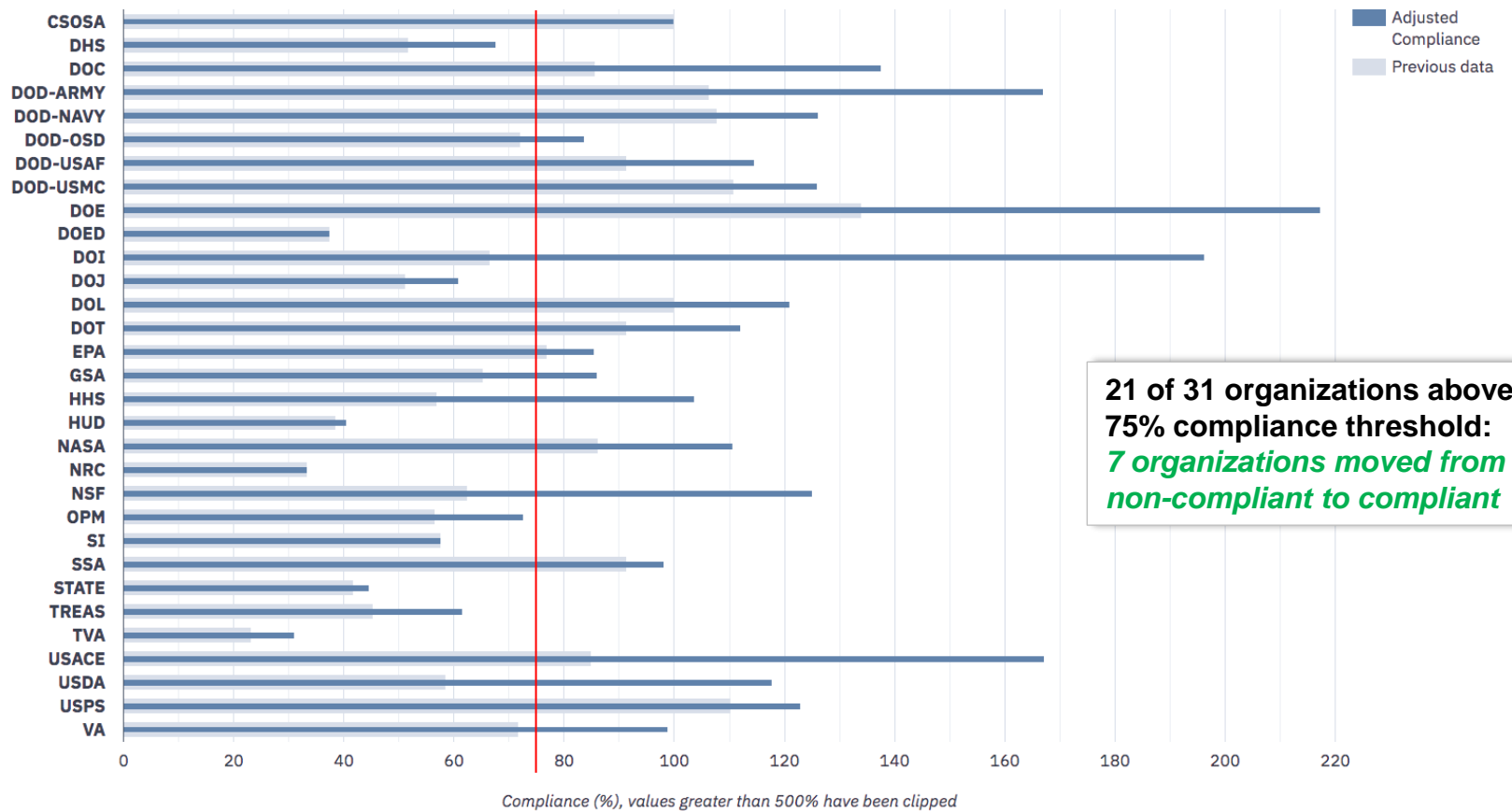


**27 of 31 organizations above 75% compliance threshold:**  
*5 organizations moved from non-compliant to compliant*

Source: FAST, 2020-01-16. Covered agencies not shown reported no acquisitions and are considered compliant. DOE does not plan to revise pre-2019 compliance data; shown here only for illustration.

# Proposed Approach: Hypothetical Result

FY 2019 Adjusted EPAct AFV Acquisition Compliance Comparison



**21 of 31 organizations above 75% compliance threshold:**  
*7 organizations moved from non-compliant to compliant*

Source: FAST, 2020-01-16. Covered agencies not shown reported no acquisitions and are considered compliant. Any FY 2019 data shown is considered preliminary and subject to change.

# *Discussion*