



# **IANA**

**INTERMODAL ASSOCIATION  
OF NORTH AMERICA**

# *Intermodal Data Analytics for Brakes, Lights & Tires Optimization*

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October 17<sup>th</sup>, 2:00 PM ET

# Housekeeping

- Panelist presentations will be followed by audience question and answer session
- Audience audio will be muted
- Submit questions at any time for Q&A session at the end of the webinar presentations



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# Our Panel



- Cliff Creech, Group Manager, Intermodal Maintenance & Contracts, Norfolk Southern Corporation



- Steve Bryan, President, Vigillo, A SambaSafety Company



- Ronnie Holland, Director of Safety, TCW

- Tim Smith, Vice President of Safety, Hub Group Trucking



# Structure

- ✓ Introduction
- ✓ By the numbers
- ✓ Experience from the field,  
three different perspectives
- ✓ General discussion
- ✓ Q & A



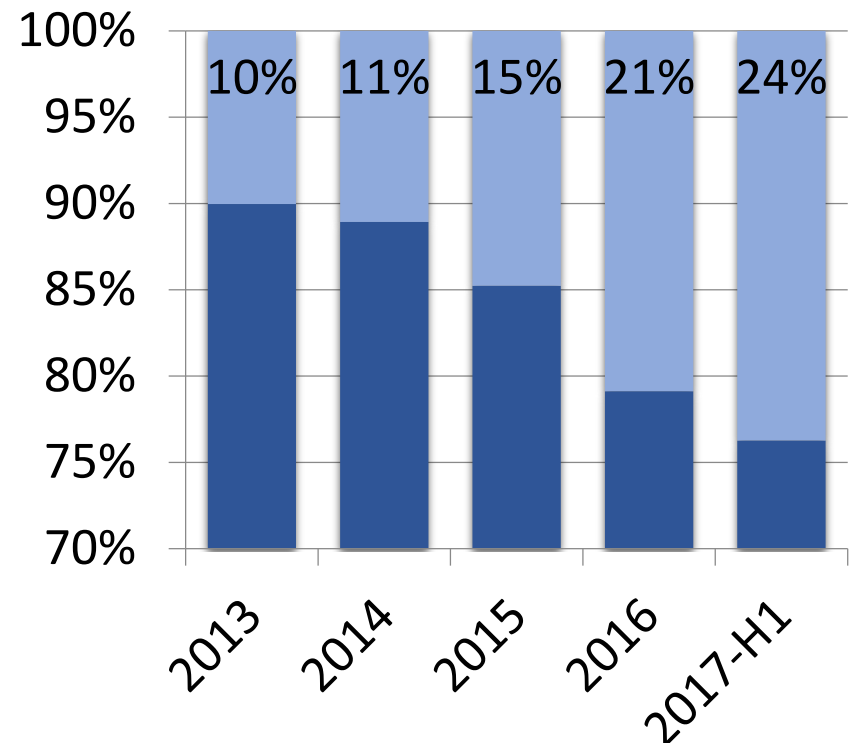
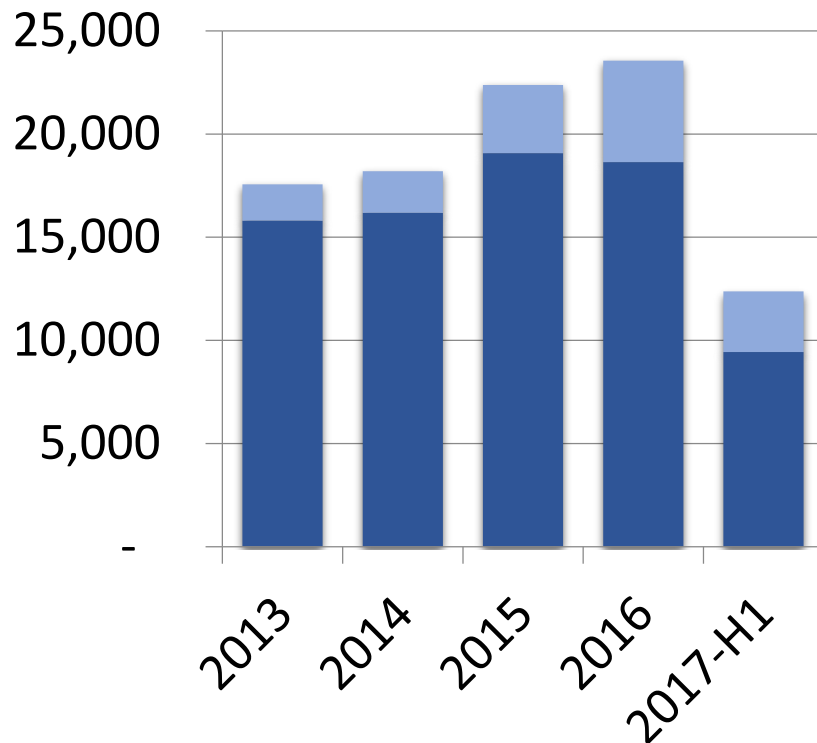
# Introduction



# Chassis Inspections

## Level 1 & Level 5 Inspections

*12,372 inspections in 2017 H1; 24% were Level 5*



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■ Level 1

■ Level 5

■ Level 1

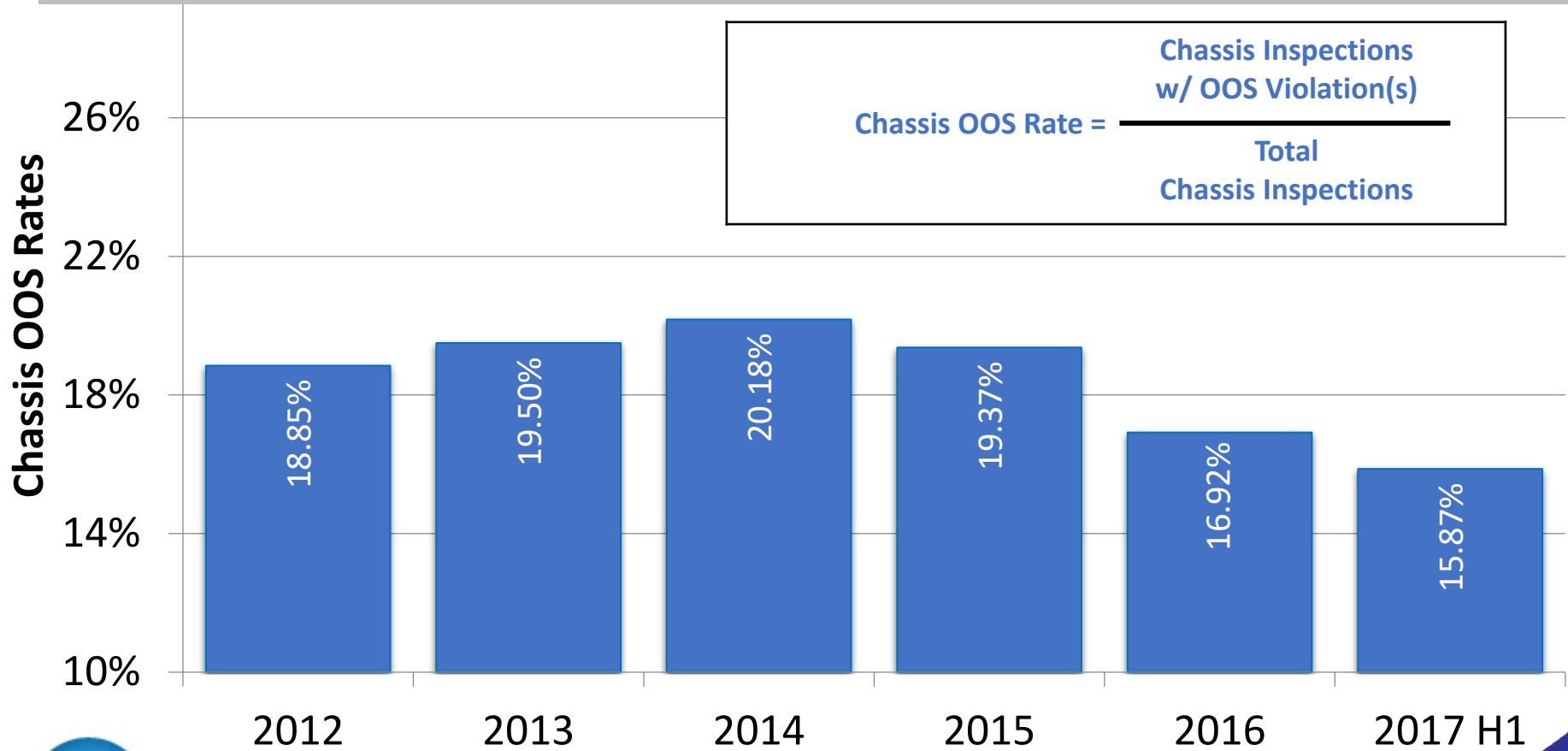
■ Level 5

Source: FMCSA & IANA

# Chassis OOS Violation Rates

Level 1 & Level 5 Inspections

*OOS Rate trending down for 2017 H1*

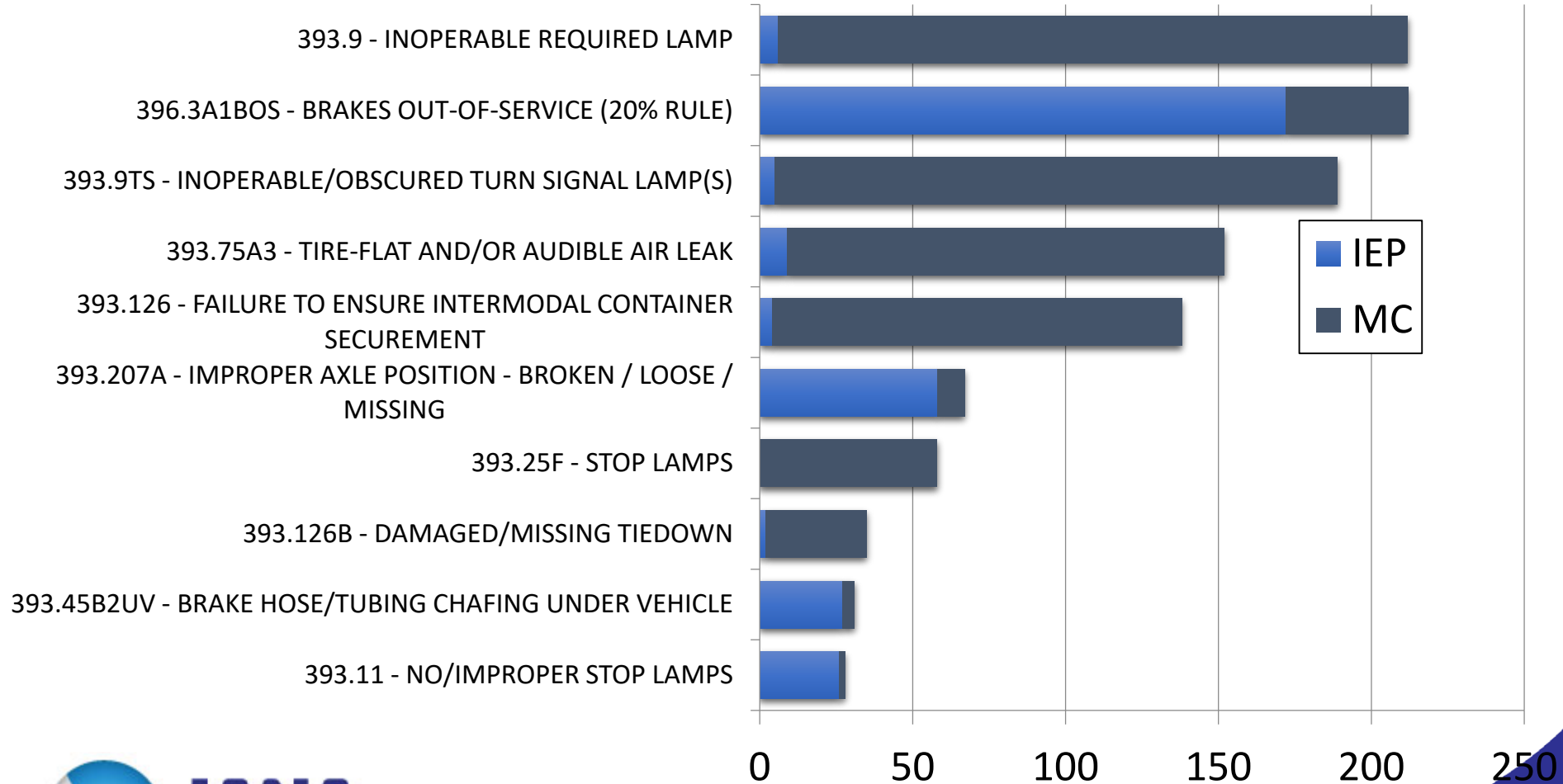


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Source: FMCSA

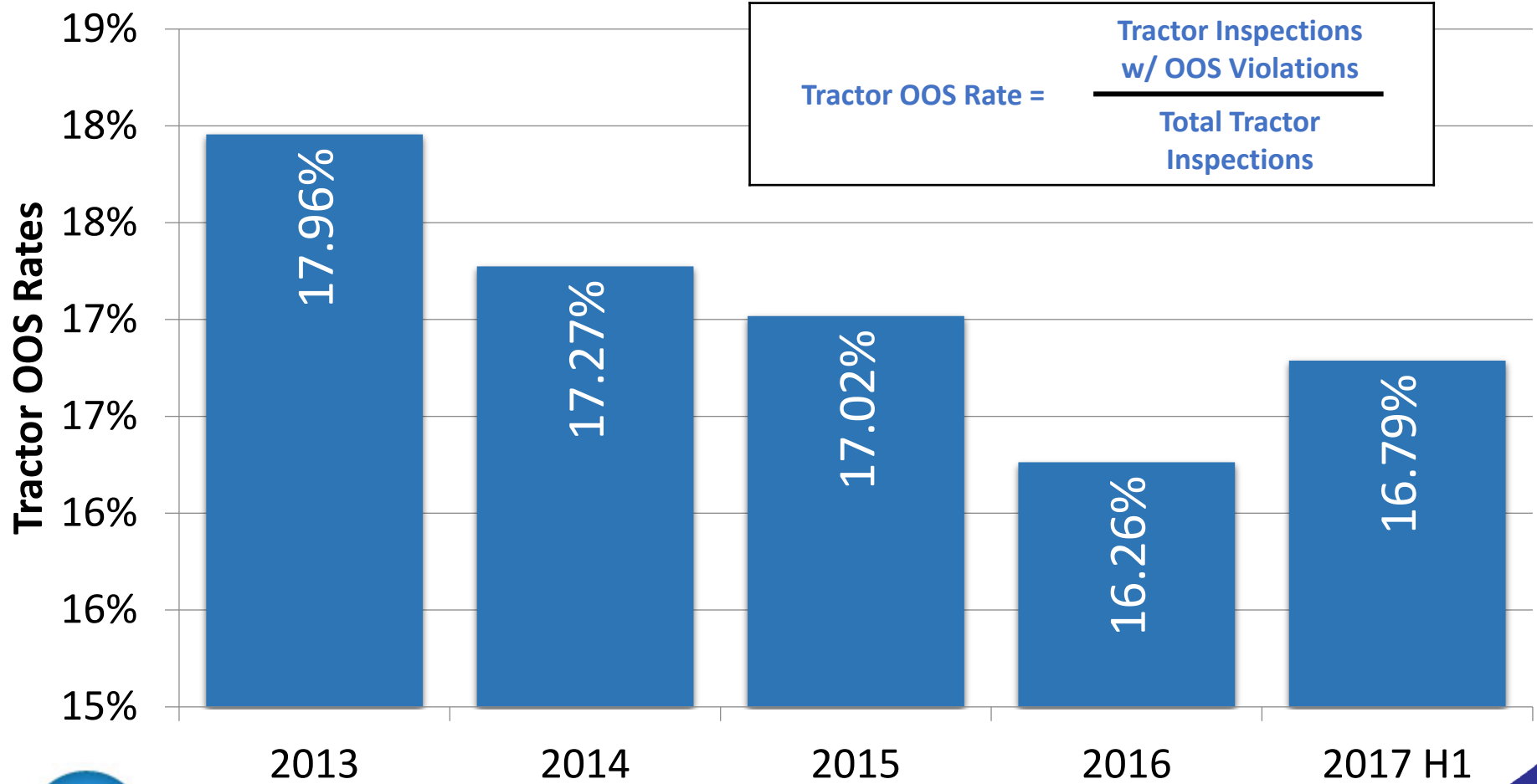


# Top 10 Chassis OOS Violations



# Tractor OOS Violation Rates

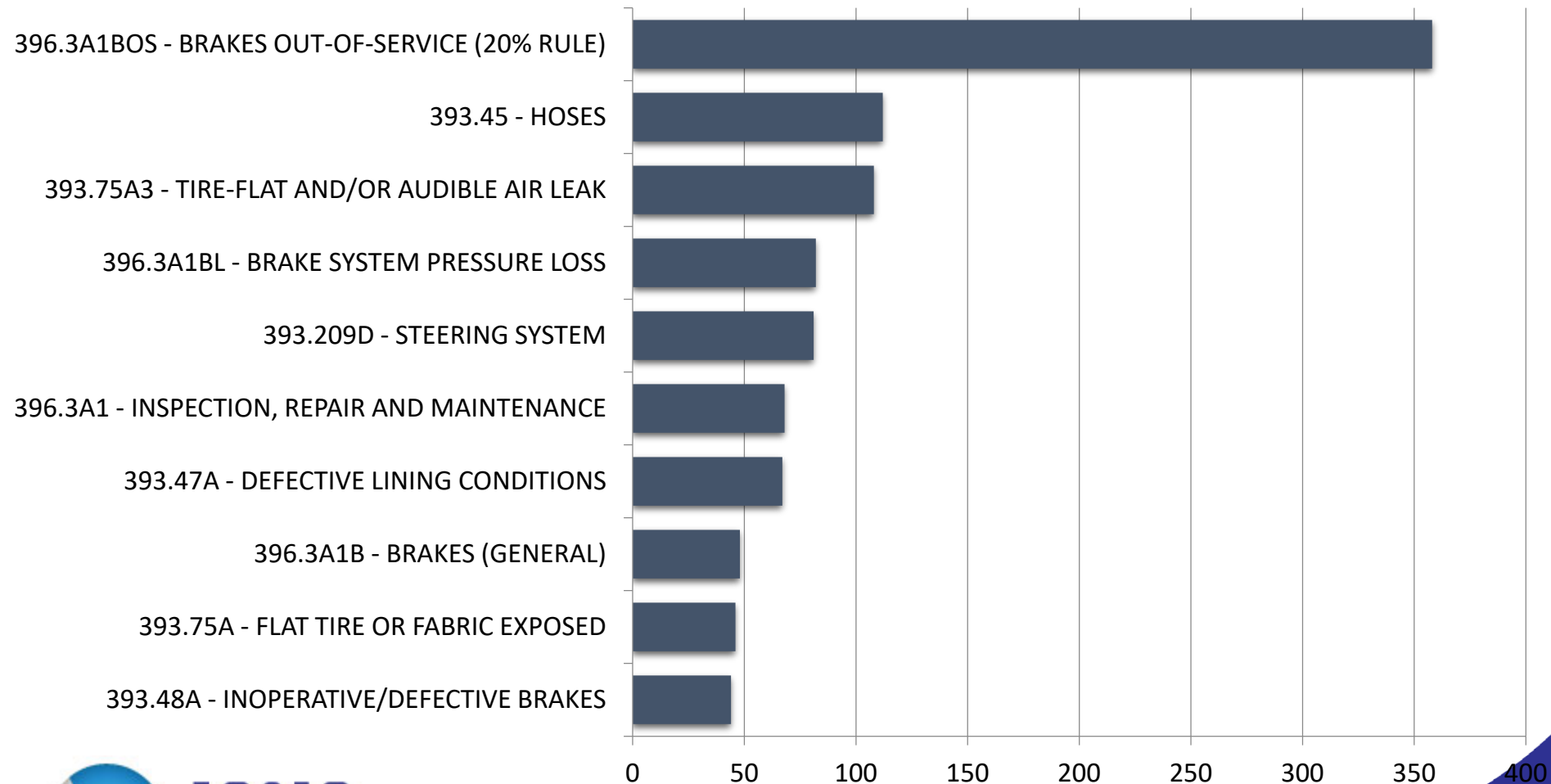
Level 1 & Level 5 Inspections involving Intermodal Chassis



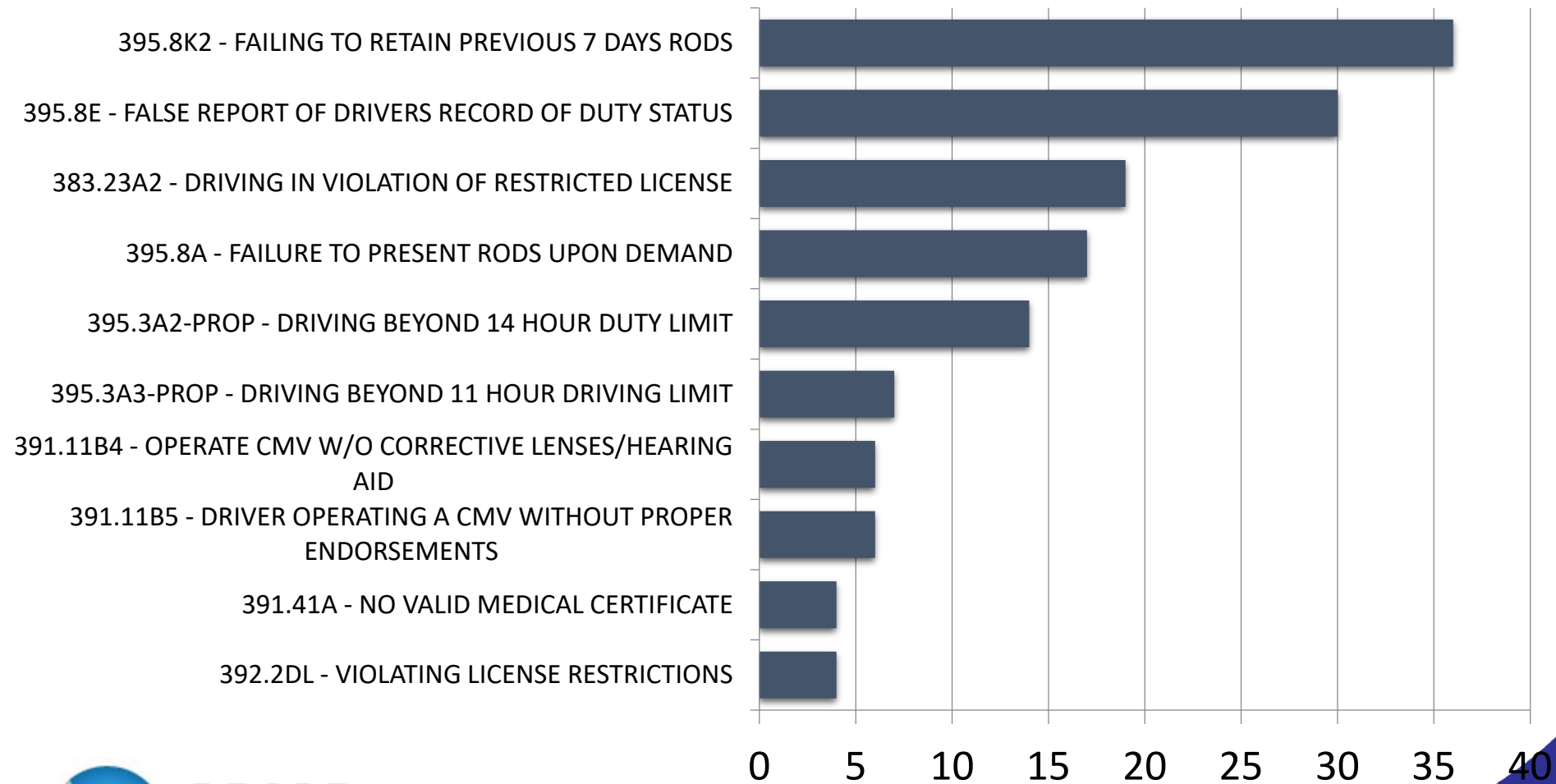
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Source: FMCSA

# Top 10 Tractor OOS Violations



# Top 10 Driver OOS Violations



Source: FMCSA

2017 H1

# By the Numbers





# Steve Bryan, Vigillo

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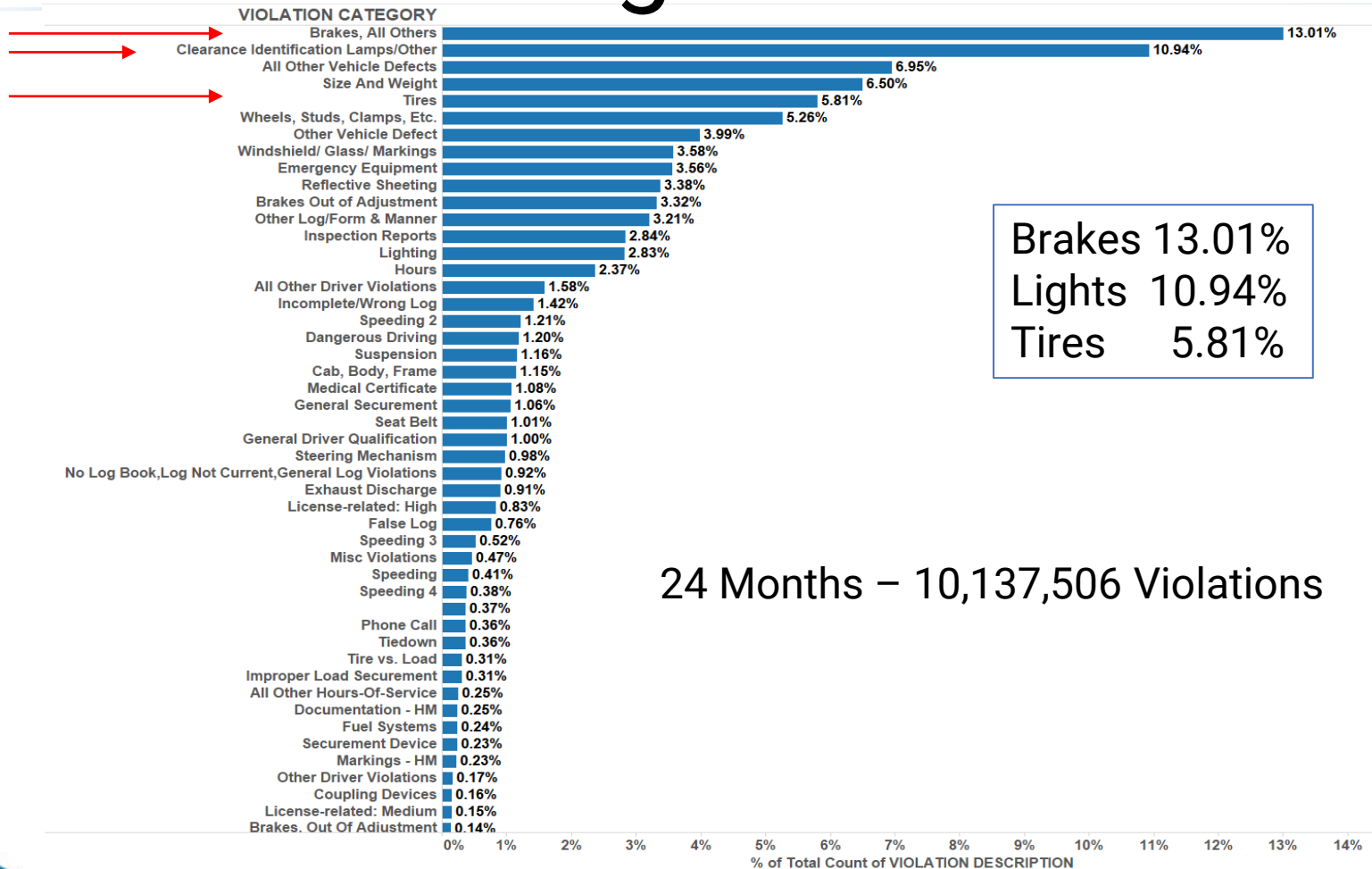


a sambasafety company



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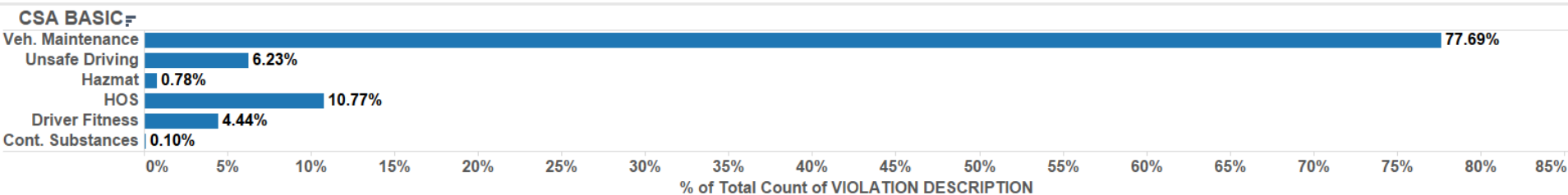
# Trucking Industry Violation Categories



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# Violations by BASIC

24 Months, 6,649,910 Maintenance Violations, 77.69%



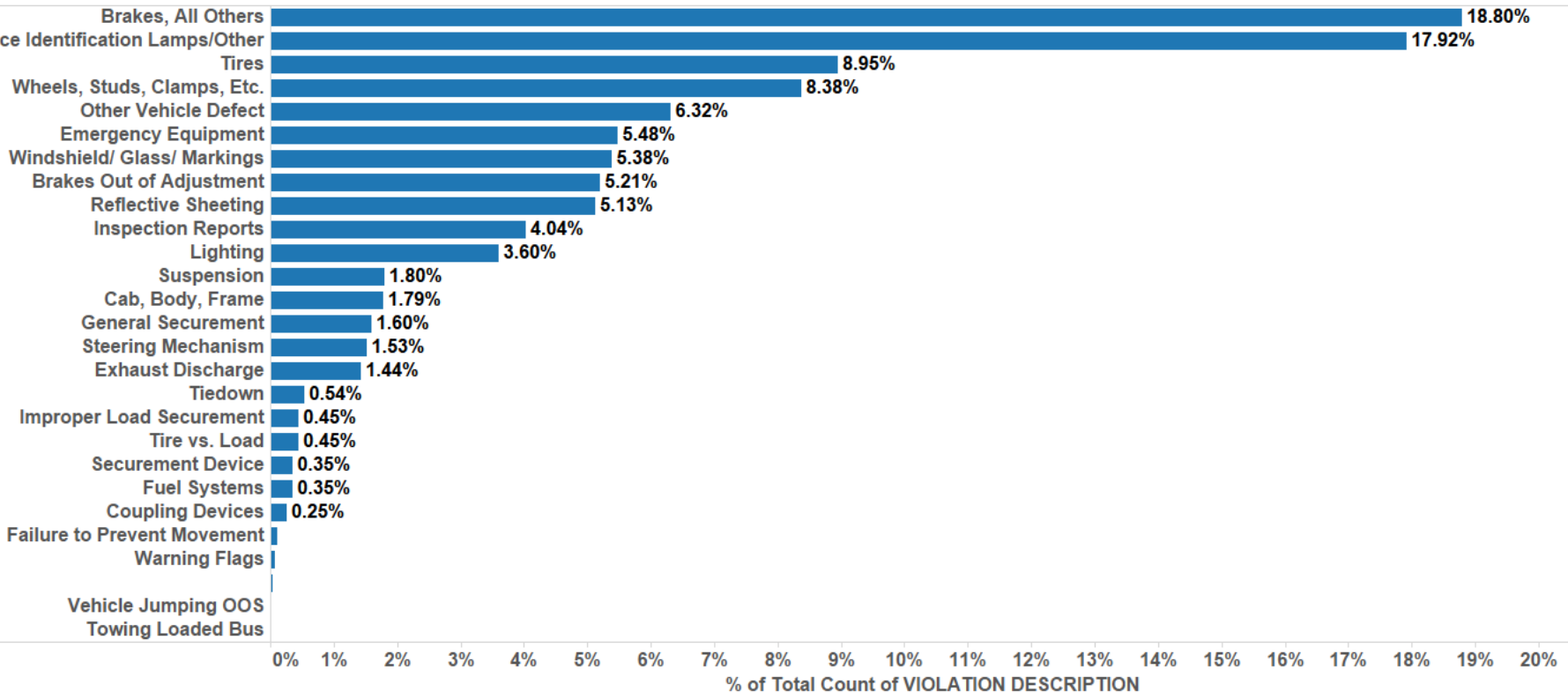
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# Vehicle Maintenance Violations – 46% BLT

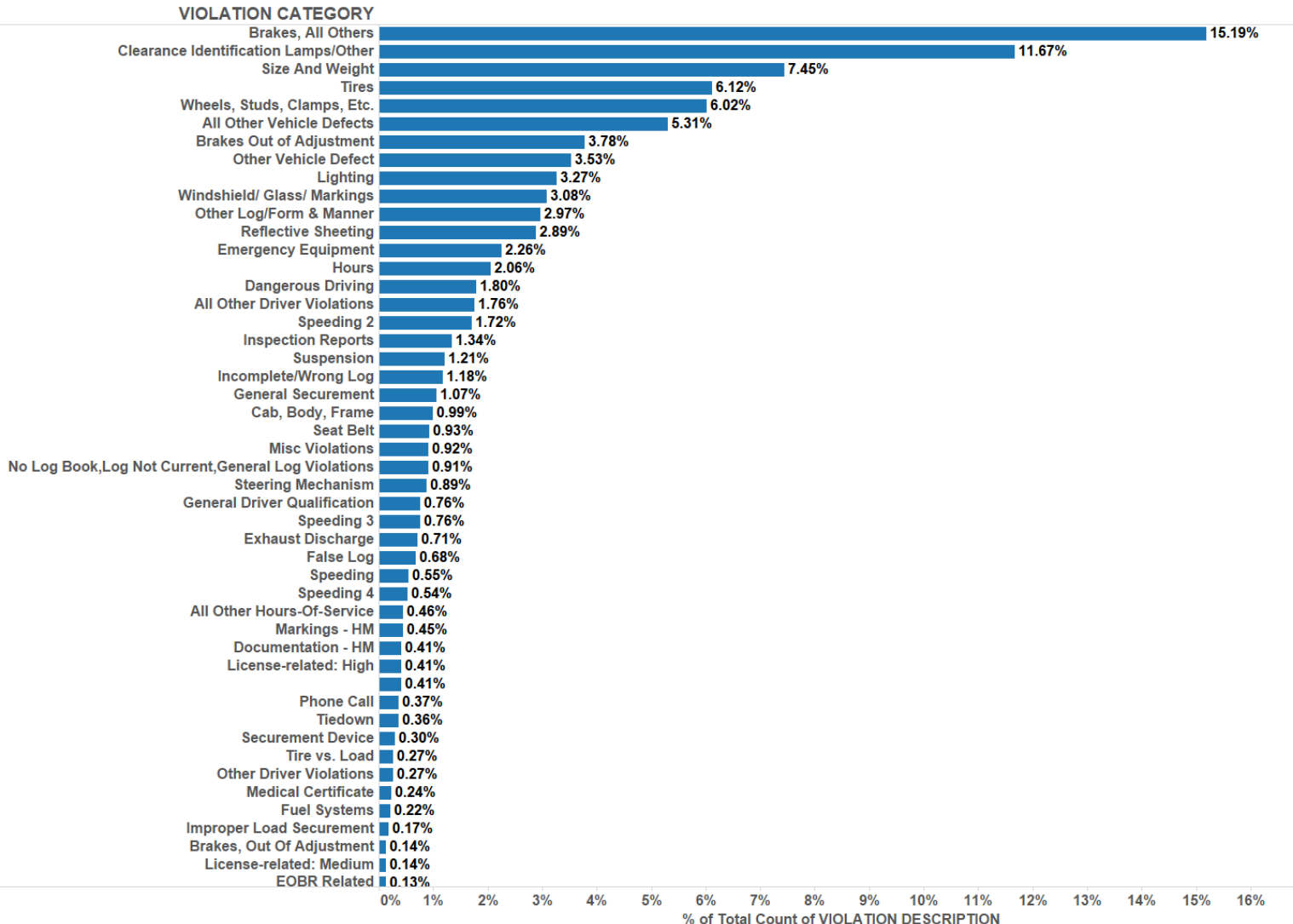


## VIOLATION CATEGORY



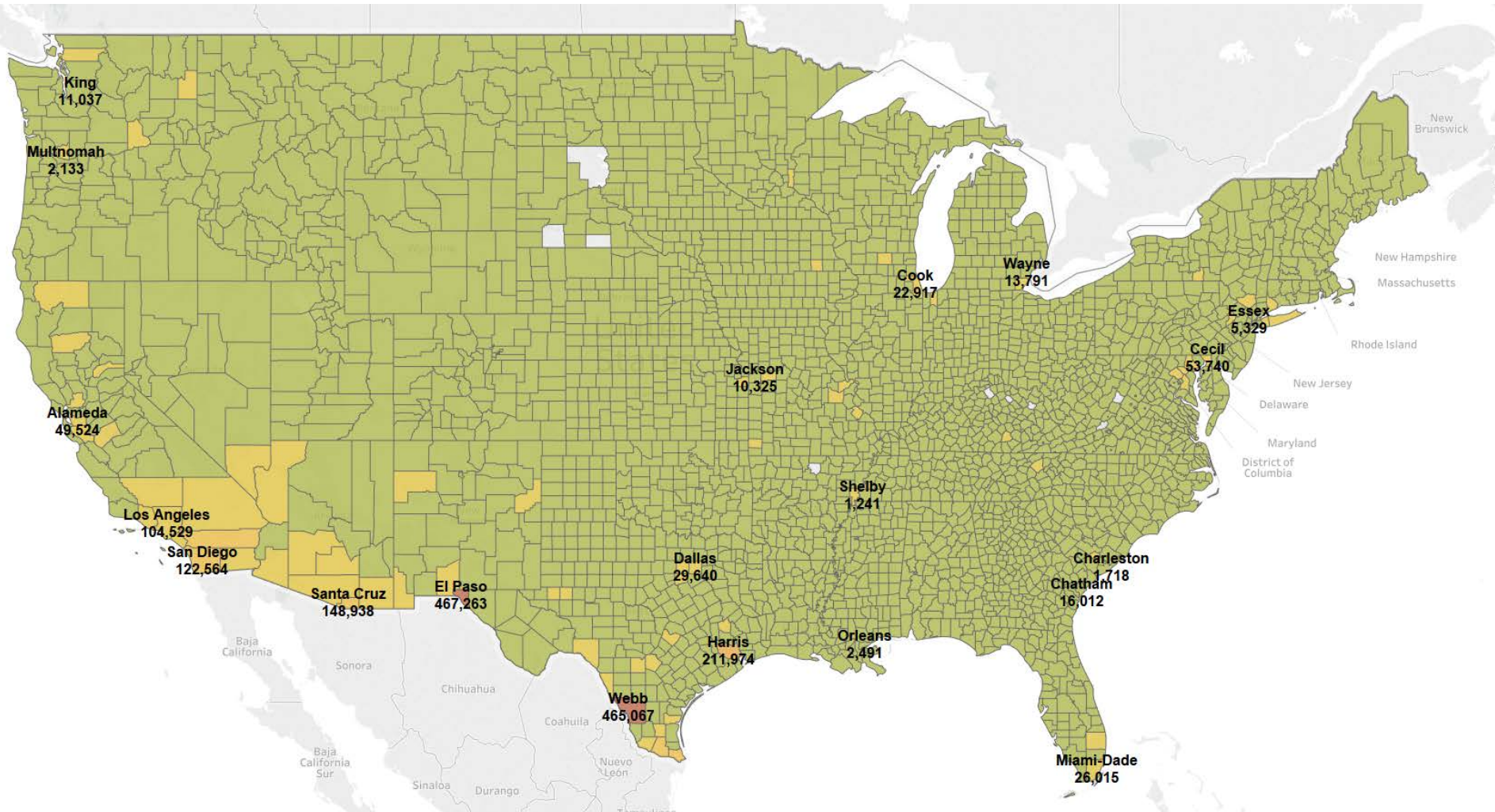
# Vehicle Maintenance Violations

## Intermodal – 33% BLT



# Violations by County–24 Months

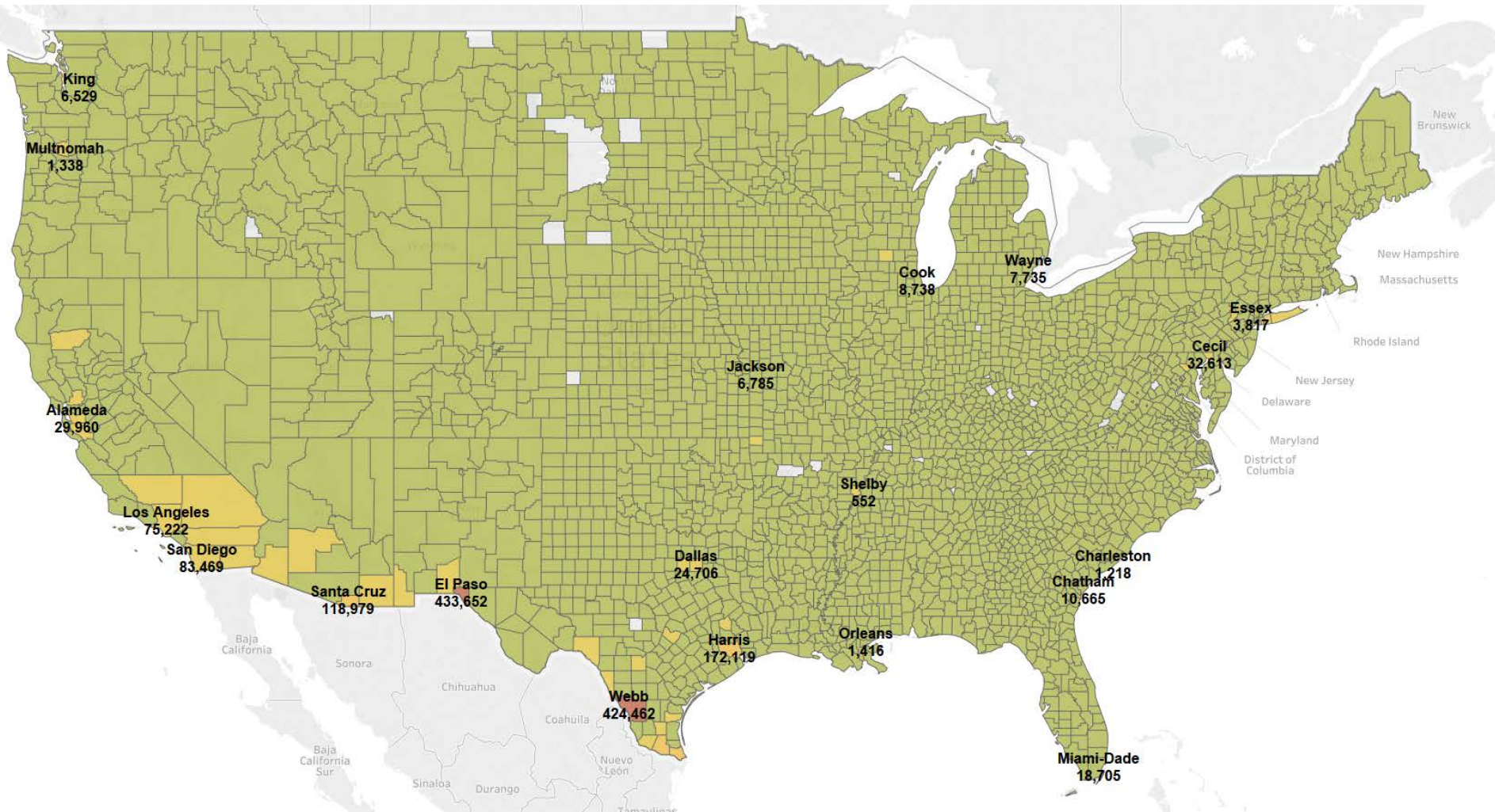
10,137,506 Violations, 505,317 motor carriers, 20 violations/motor carrier





# Violations by County–24 Months

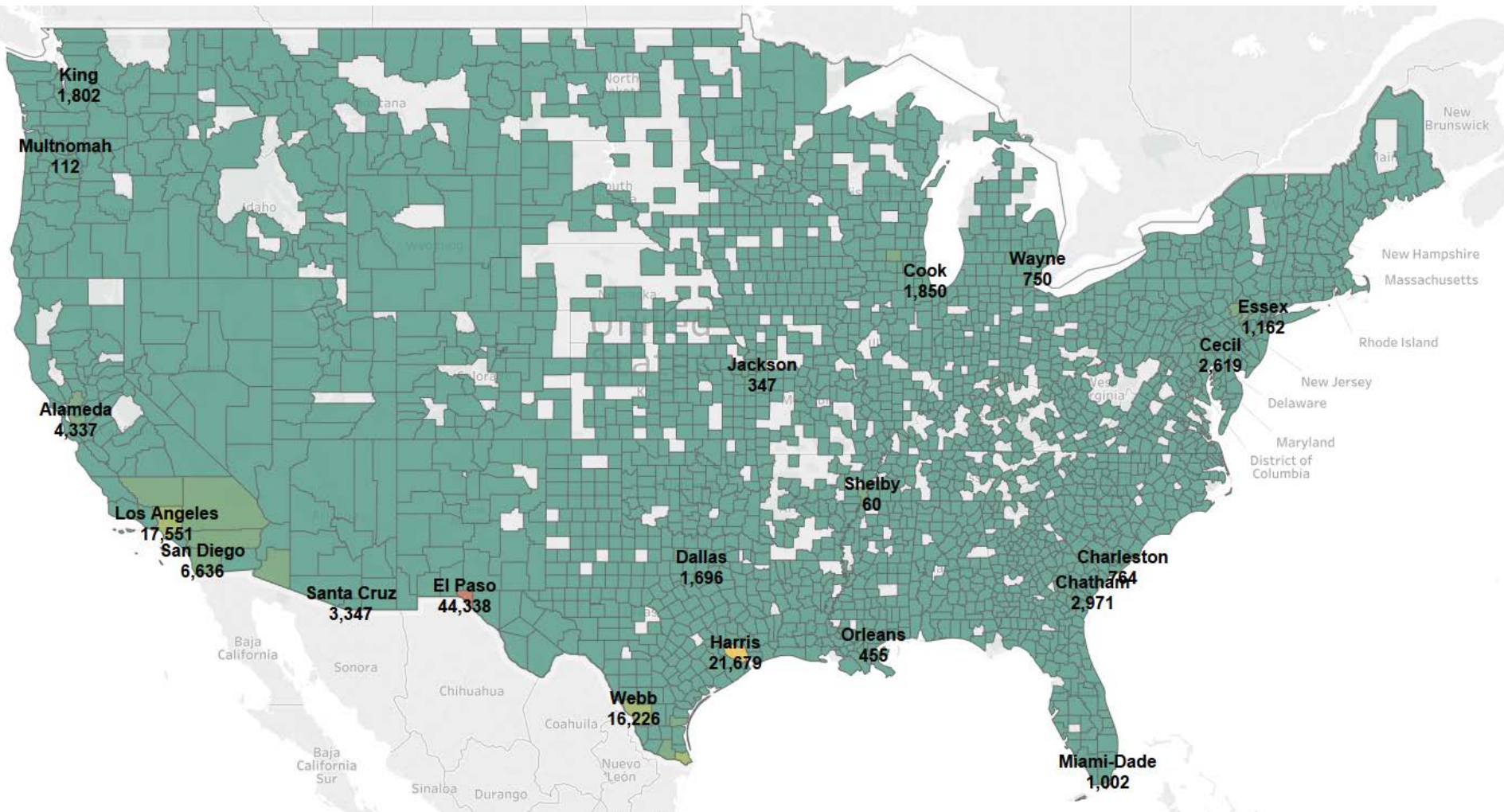
6,649,910 Maintenance Violations (65.6%), 13 violations per motor carrier



# Violations by County–24 Months

794,165 (17,586 Intermodal Carriers, 3.5% of Industry, 7.8% of all violations)

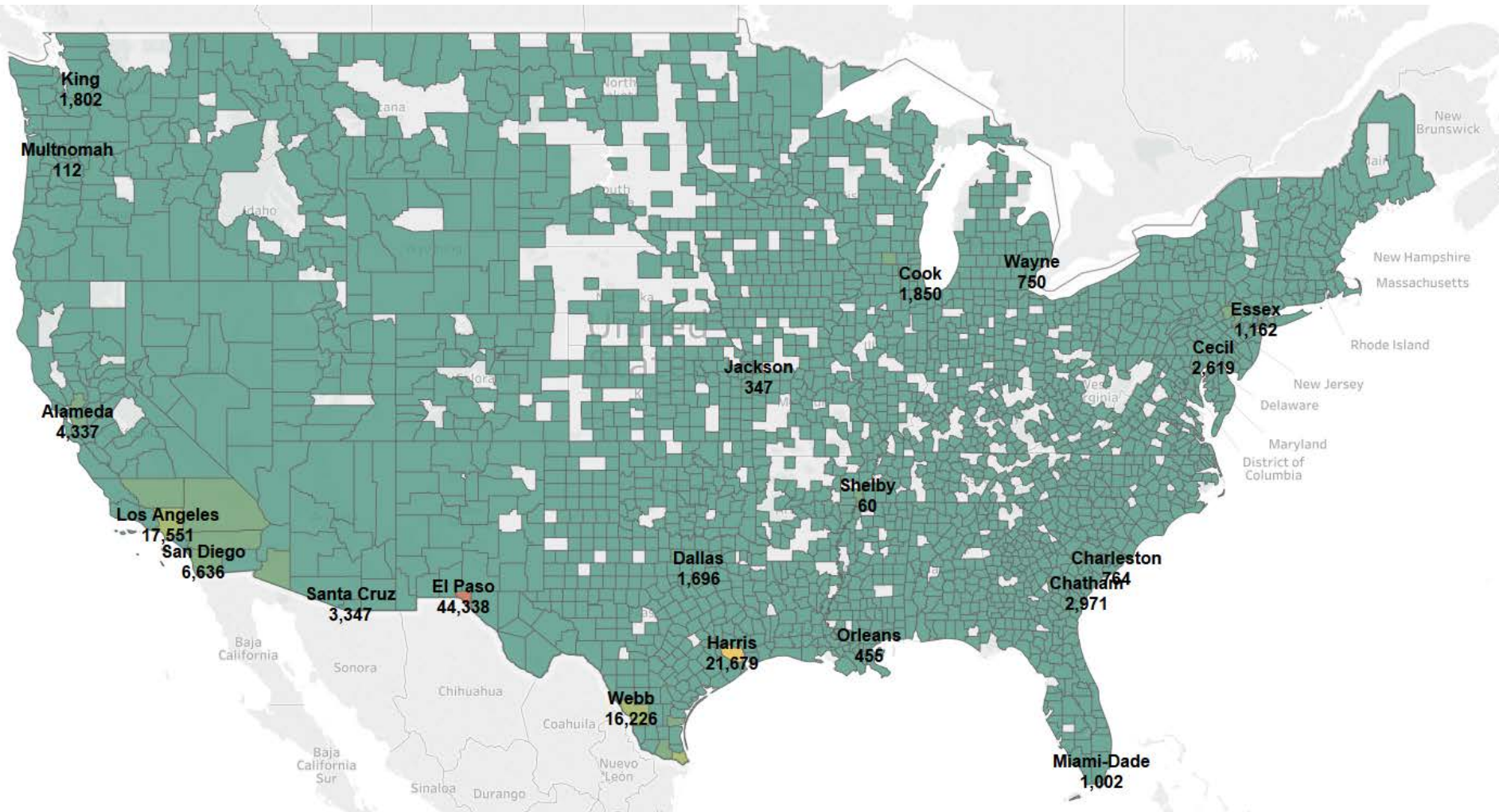
45 violations per intermodal motor carrier





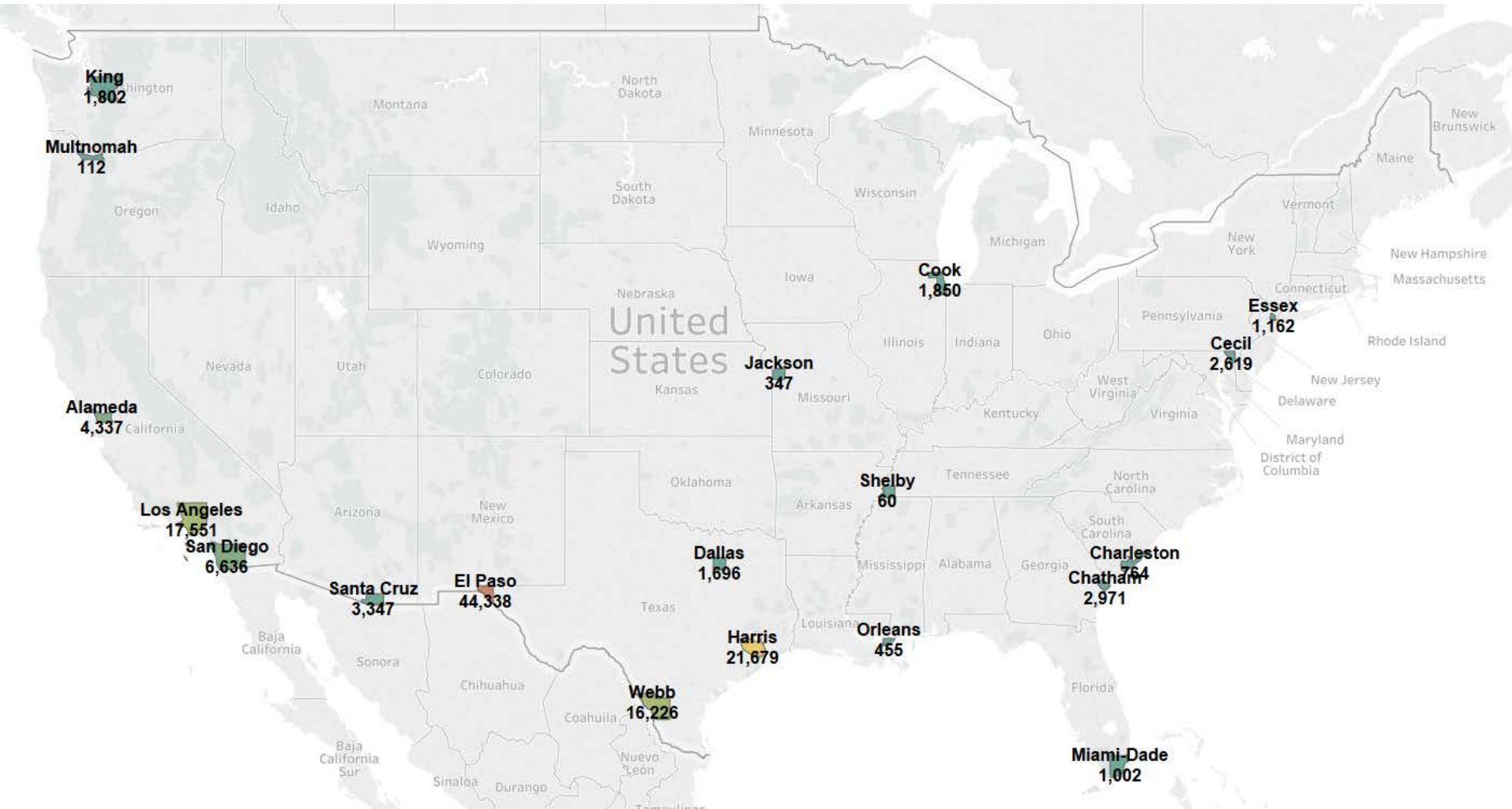
# Maint. Violations by County–24 Months

520,927 (Intermodal Carriers Only), 29 maintenance violations per carrier



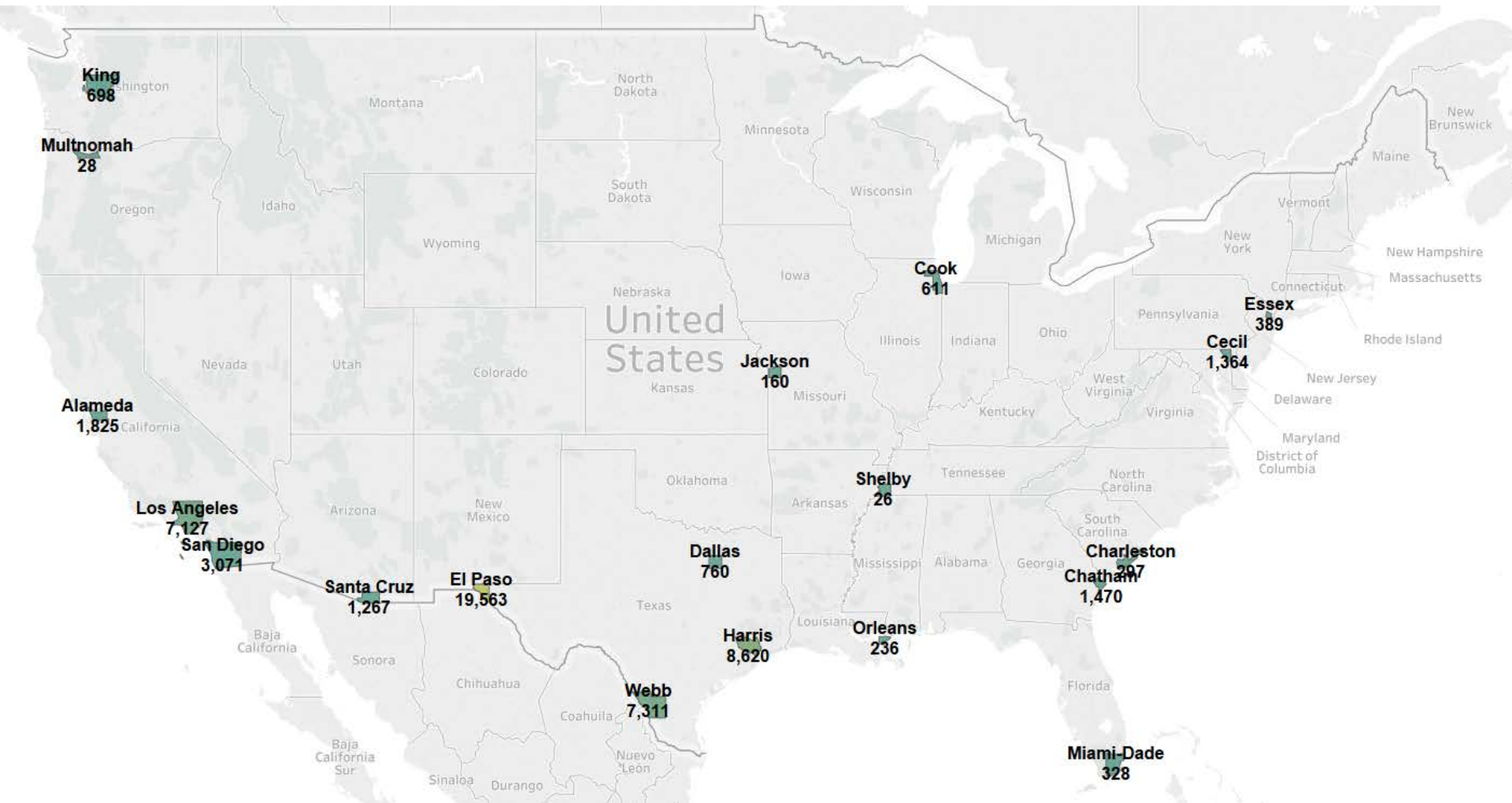
# Maint. Violations by County–24 Months

128,954 (Intermodal Carriers Only @ top ports/terminals), 38 maintenance viol per carrier @ port/terminals



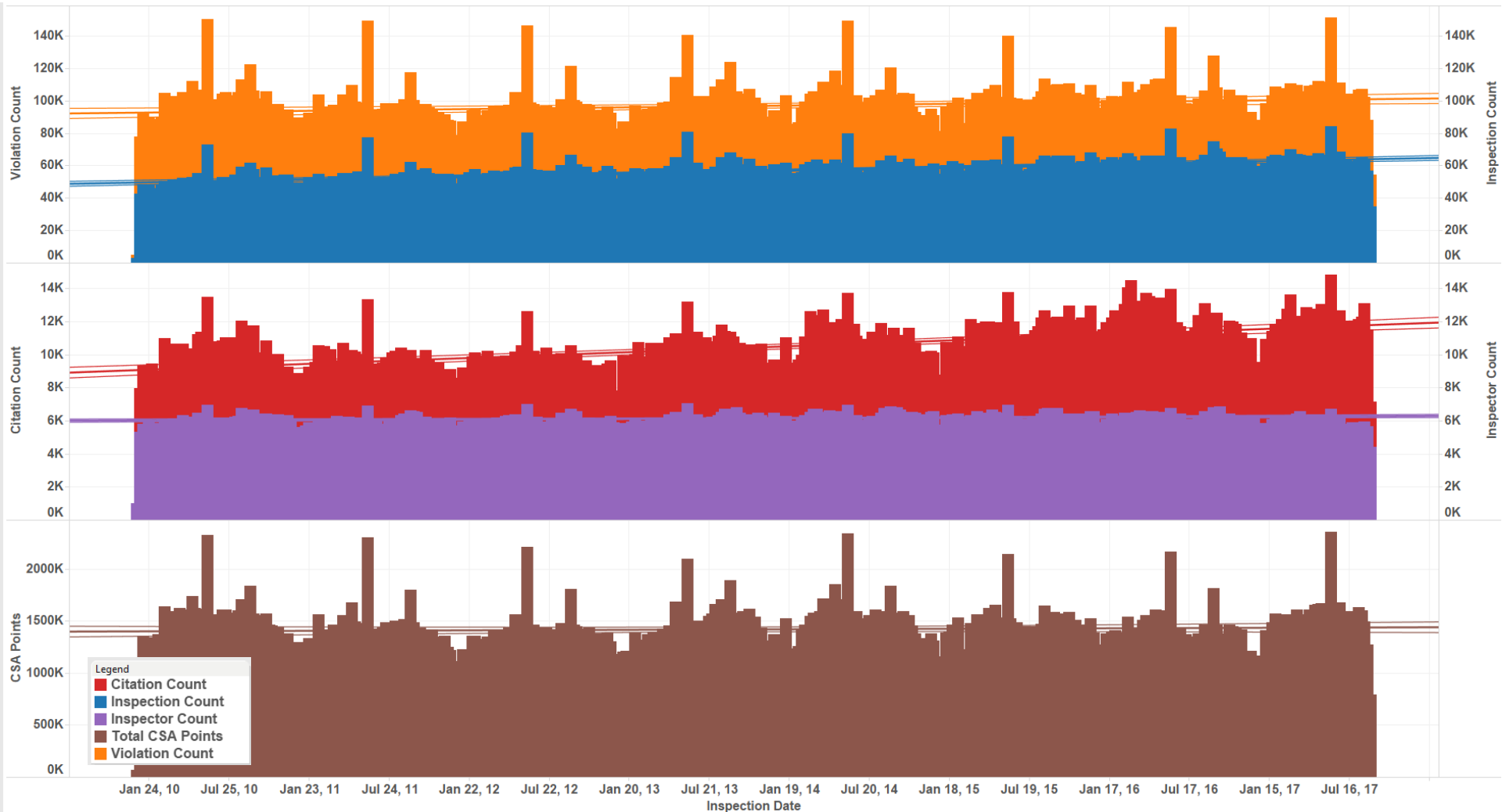
# BLT Violations by County–24 Months

55,151 (Intermodal Carriers Only @ top ports/terminals), 16 BLT viol per carrier  
@ port/terminals

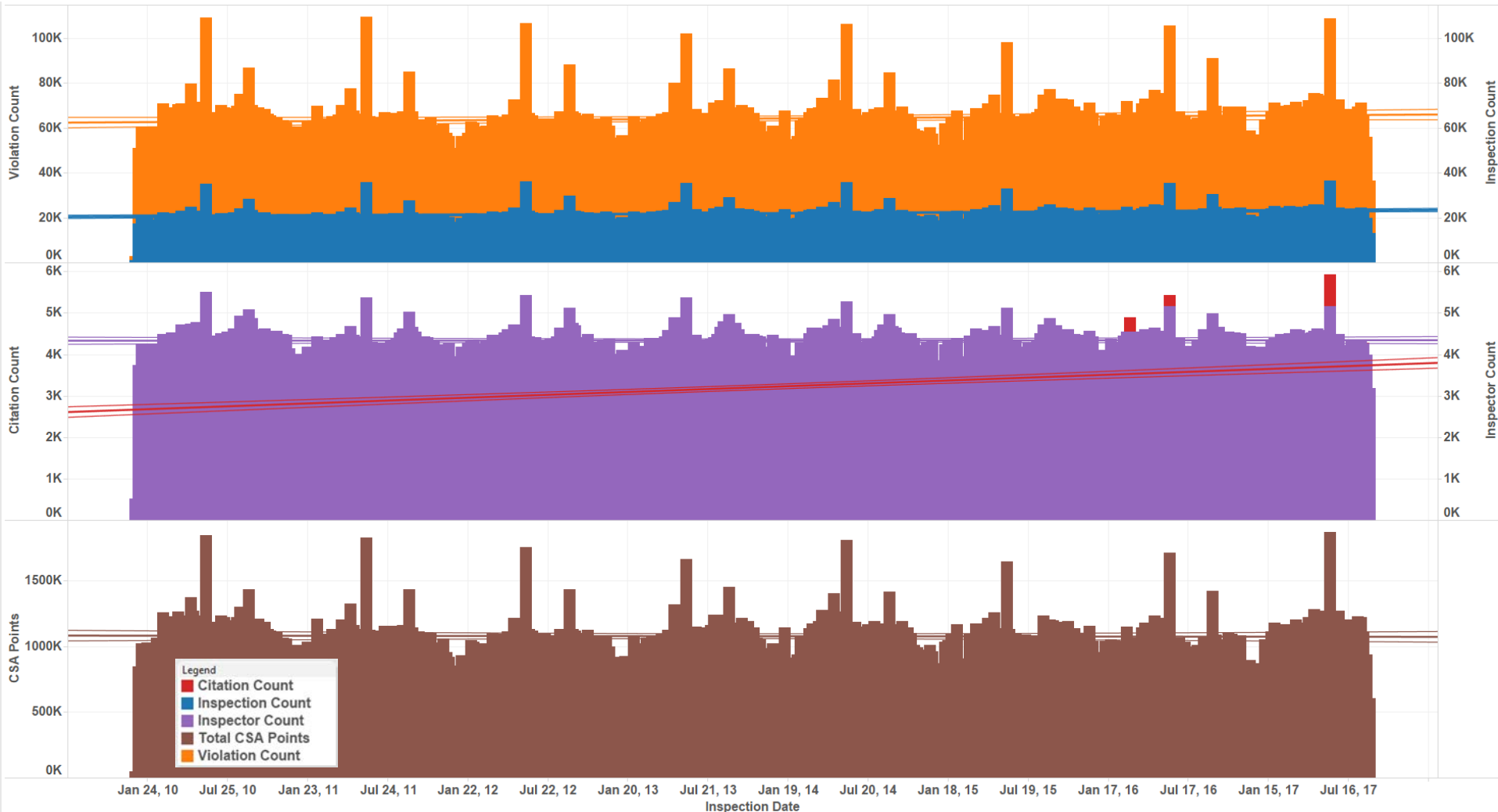




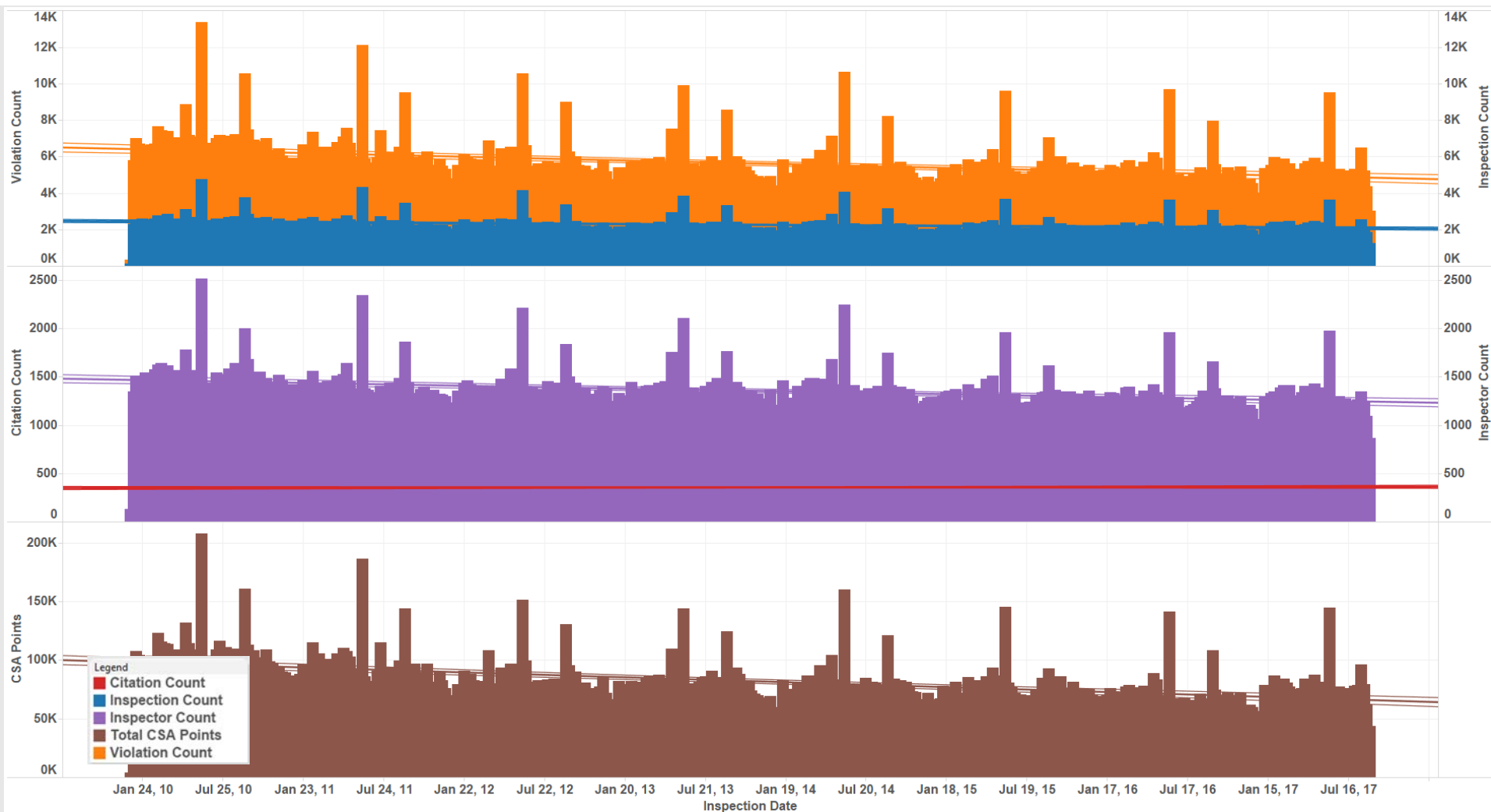
# Inspection Timeline – All Carriers



# Inspection Timeline – All Carriers, Vehicle Maintenance

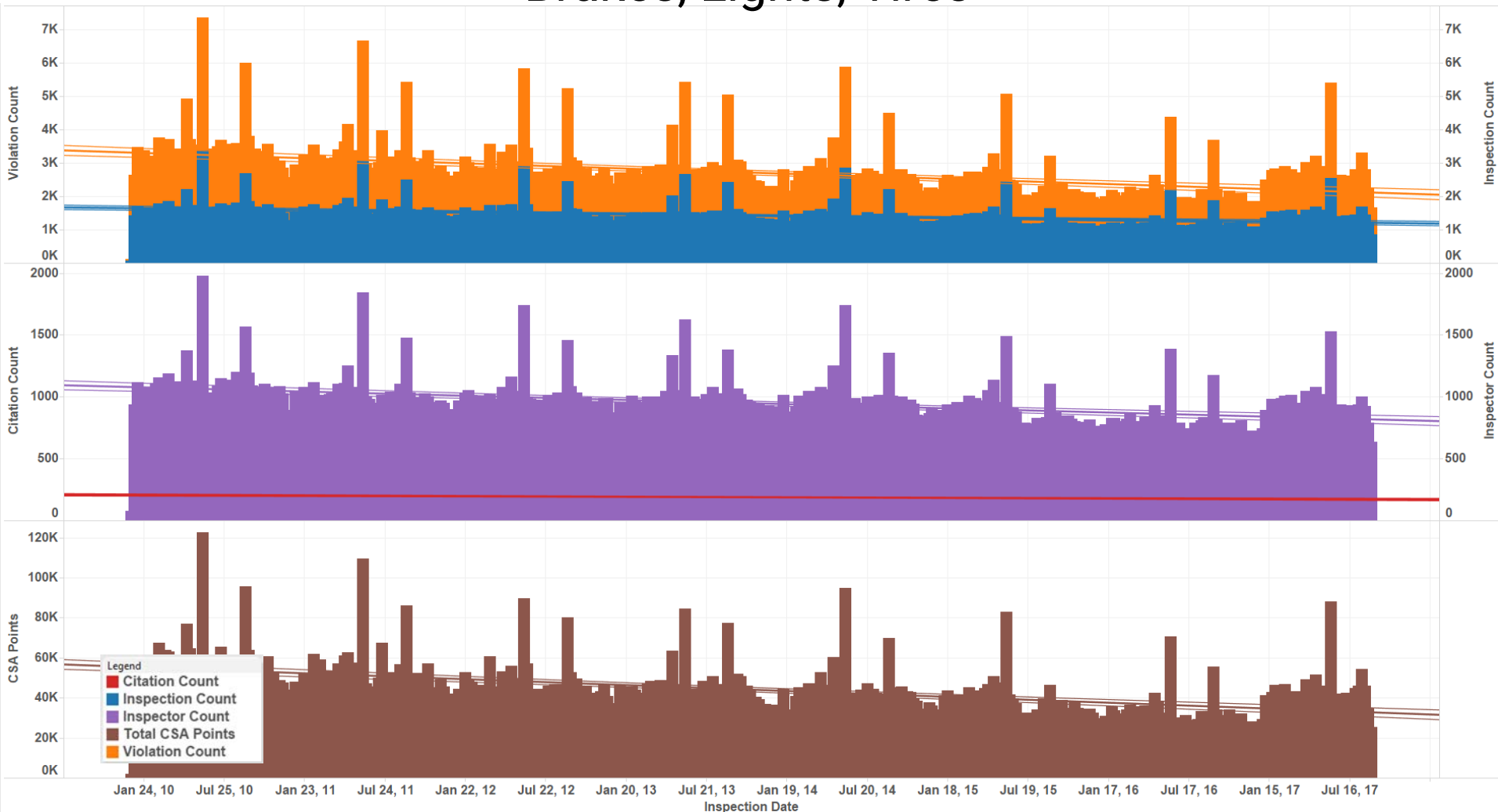


# Inspection Timeline – Intermodal Carriers, Vehicle Maintenance



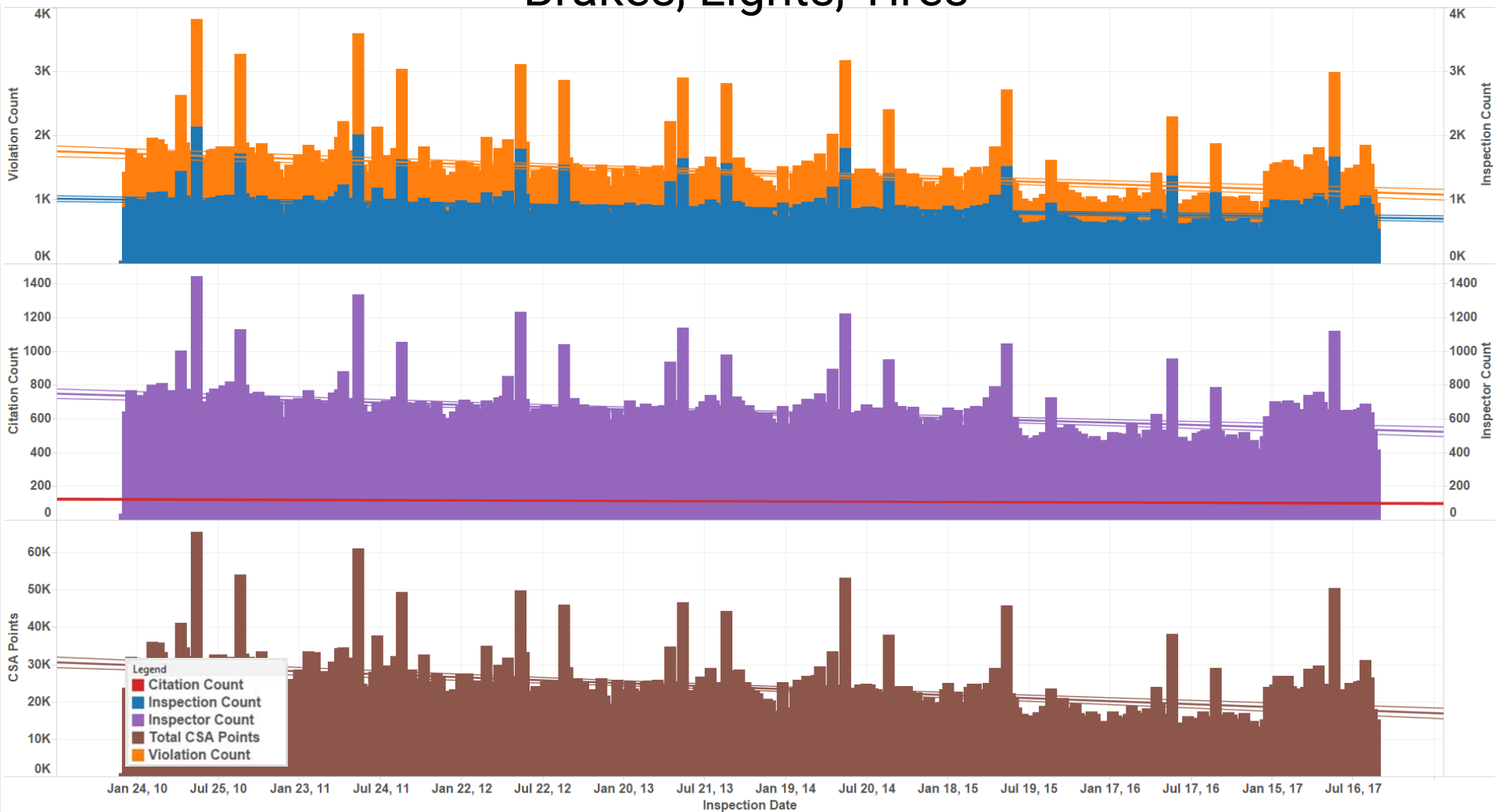
# Inspection Timeline – Intermodal Carriers, Vehicle Maintenance

## Brakes, Lights, Tires



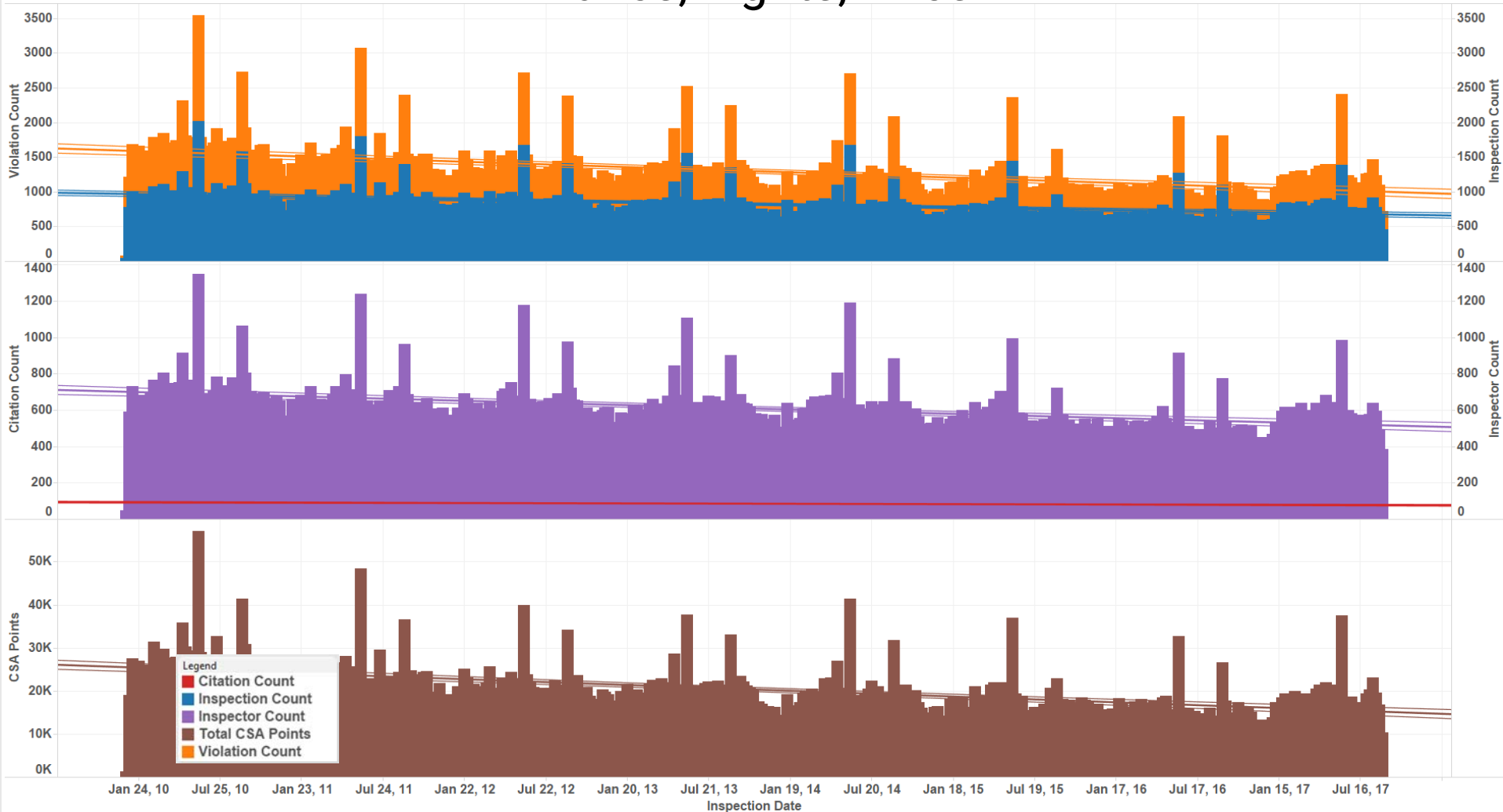
# Inspection Timeline – Intermodal Carriers/Tractors, Vehicle Maint.

Brakes, Lights, Tires



# Inspection Timeline – Intermodal Carriers/Trailers, Vehicle Maint.

Brakes, Lights, Tires





Experience from the field



# Tim Smith, Hub Group Trucking

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# Ronnie Holland, TCW

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# Forms of Communication

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- Daily Safety Message (email)
- Electronic Message Boards
- Quarterly Safety Meetings
- Vertical Alliance Infnit-i Training Platform.
- PeopleNet Satellite Message
- Master Coach Program

*“Good is the enemy to great” Jim Collins*

# Cliff Creech, NS Corporation

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# Questions?



Enter your questions in the control panel

For more information about  
intermodal freight and **IANA**,  
visit [intermodal.org](http://intermodal.org)  
or e-mail: **info@intermodal.org**



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