



Maintenance & Repair Committee Meeting

Tuesday, May 3, 2022

10:30 – 11:30 AM Central

Ballroom A-E

Hilton Chicago/Oak Brook Hills
Resort and Conference Center



IANA

INTERMODAL ASSOCIATION
OF NORTH AMERICA™

Call to Order

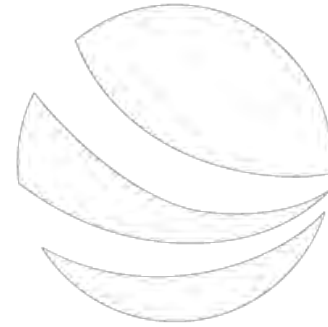
- Welcome
- Reminder of expectation for Committee members
 - Meetings include deliberation of issues, education, and discussion of recommended practices
 - Solicitation of business is not allowed during meetings
 - Members must abide by antitrust guidelines
 - Actively participate in Committee

Call to Order

- Antitrust Guidelines
- Determination of Quorum
- Approval of February 11, 2022 meeting minutes
 - Questions on the minutes?
 - Motion to vote and second
 - Vote



Task Force & Working Group Reports



IANA

INTERMODAL ASSOCIATION
OF NORTH AMERICA™





Roadside Service Task Force

Ralph Iacono,
Roadrunner Towing & Truck Service
May 3, 2022
Ballroom A-E
Hilton Chicago/Oak Brook Hills
Resort and Conference Center



IANA

INTERMODAL ASSOCIATION
OF NORTH AMERICA™



Objectives

- Target process improvements to streamline overall roadside M&R service
- Develop recommended practices focused on top issues
- Increase efficiency on roadside service calls

Thank You to the Members

- Eric Anderson, Milestone Equipment Holdings
- Ryan Bivinetto, BlackBerry Radar
- Kevin Clarke, Vantage Solutions, LLC
- Monica Dorsey, Downtime Fleet Management Services
- Donald Ficht, AIM Transfer & Storage, Inc.
- Carl Francis, Consolidated Chassis Management, LLC
- Jon Fridley, Ohio Intermodal Services
- Stefanie Fyfe, ContainerPort Group, Inc.
- John Gayle, Dorsey Intermodal
- Ralph Iacono, Roadrunner Towing & Truck Service LLC
- Richard Lammers, Union Pacific Railroad Company
- Ray Noonan, DCLI
- Jeremy Plennes, AIM Transfer & Storage, Inc.
- Jamie Redmond, The Goodyear Tire & Rubber Company
- Emilio Rico, Pressure Systems International, Inc.
- Pete Russo, Decisiv, Inc.
- Mark Smith, FYX, Fleet Roadside Assistance
- Jeremy Worley, FYX, Fleet Roadside Assistance

Update Since February Meeting and Next Steps



IANA

INTERMODAL ASSOCIATION
OF NORTH AMERICA™

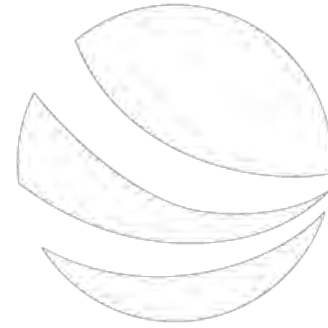


Questions & Discussion



Damage Prevention Outreach Program Task Force

Andrew Knouse, Norfolk Southern
May 3, 2022
Ballroom A-E
Hilton Chicago/Oak Brook Hills
Resort and Conference Center



IANA

INTERMODAL ASSOCIATION
OF NORTH AMERICA™



Objectives

- Raise awareness and share information regarding preventable chassis damage with stakeholders involved in moving, storing and maintaining chassis
- Develop presentation tools and resources, which may be utilized by IANA members during local outreach events
- Materials to highlight proper use and handling of intermodal chassis and the operational and safety benefits of doing so

Thank You to the Members

- Brian Bellan, Georgia Ports Authority
- Ryan Bivinetto, BlackBerry Radar
- Ron Cordova, Zonar Systems, Inc.
- Chris Gates, Clarience Technologies
- Nate Graglia, Wallport Transit Xpress, Inc.
- Andrew Knouse, Norfolk Southern Corporation
- Calvin Lin, Ventra Technology
- Chad Peterson, DCLI
- Pete Russo, Decisiv, Inc.
- Brad Ryckert, SKF USA Inc. Vehicle Service Market
- Steve Williams, Dayton Parts, LLC

Update Since February Meeting and Next Steps



IANA

INTERMODAL ASSOCIATION
OF NORTH AMERICA™

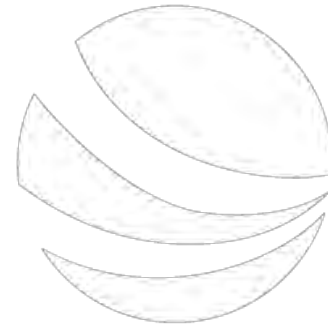


Questions & Discussion



Mechanics Training Working Group

Ed Smith, Webb Wheel Products
May 3, 2022
Ballroom A-E
Hilton Chicago/Oak Brook Hills
Resort and Conference Center



IANA

INTERMODAL ASSOCIATION
OF NORTH AMERICA™

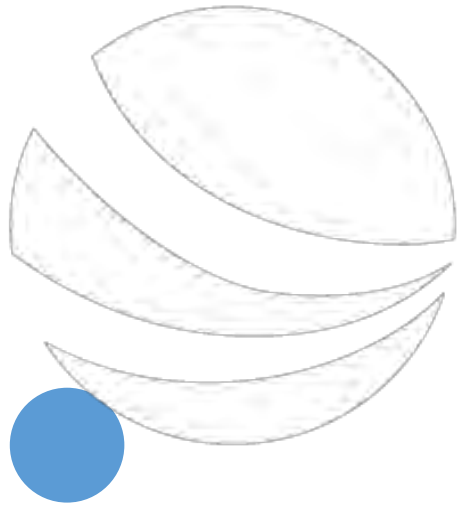


Thank You to the Members

- Jose Canales, Integrated Industries
- Dave Esposito, DCLI
- Brooke Frerichs, Union Pacific Railroad Company
- Tim Moore, CSX Intermodal Terminals, Inc.
- Ed Smith, Webb Wheel Products
- Marty Summers, CCM

Update

- Working Group has advised Lincoln Tech during development of an on-line assessment tool based on the *Chassis Guide*
- Details of Lincoln Tech's program
 - Cost for on-line assessment at \$150.00/mechanic
 - 9 separate sections with question from the IRP manual
 - Covering sections 101-906
 - Average of 30 questions in each section
 - Sections can be taken one at a time
 - Open book test, no time limit
 - Each section passed with a 70% or above receives proof of completion
- Benefits of a Training Program
 - Pre-employment screening
 - Well-trained work force, standout from your competitors
 - Help recommended practices be more visible to the intermodal community
 - Reduces guesswork on repairs
 - Improve work force retention
 - Fewer reworks
 - Fewer OOS chassis
 - Reduce failed audits

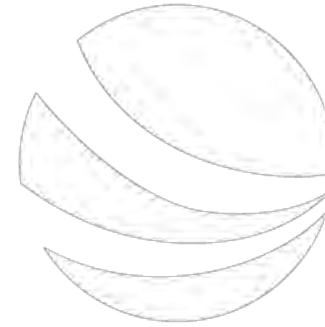


IANA

INTERMODAL ASSOCIATION
OF NORTH AMERICA™



Questions & Discussion



IANA

INTERMODAL ASSOCIATION
OF NORTH AMERICA™

FMCSA Metrics 2021

Darrell Ruban, FMCSA

May 3, 2022

Ballroom A-E

Hilton Chicago/Oak Brook Hills
Resort and Conference Center

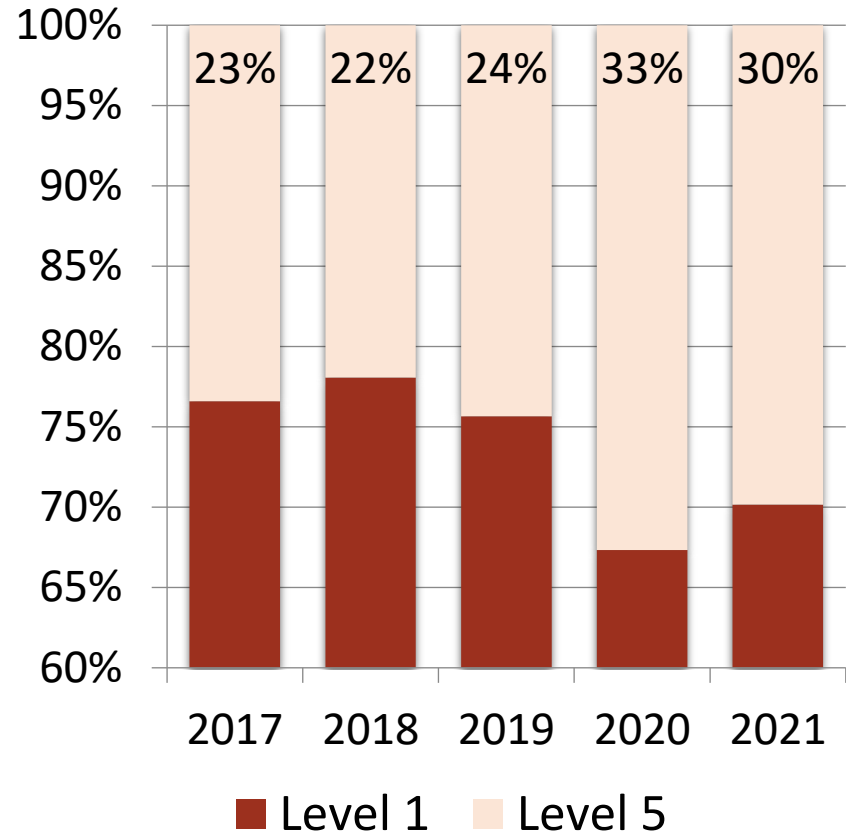
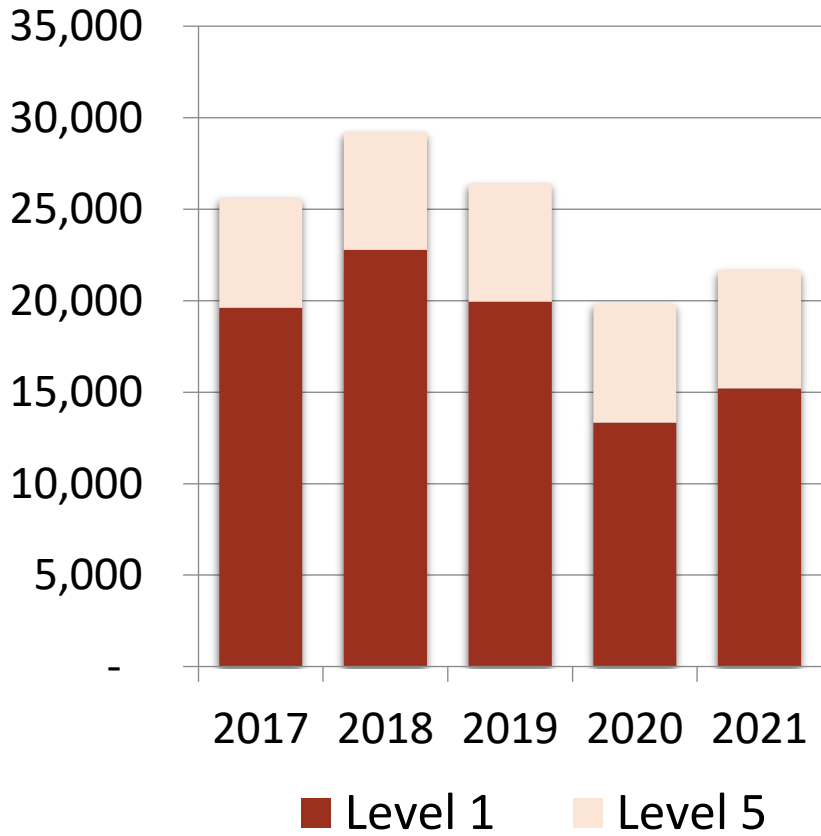


FMCSA Inspection Metrics for Intermodal Equipment (IME)

Chassis Inspections

Level 1 & Level 5 Inspections

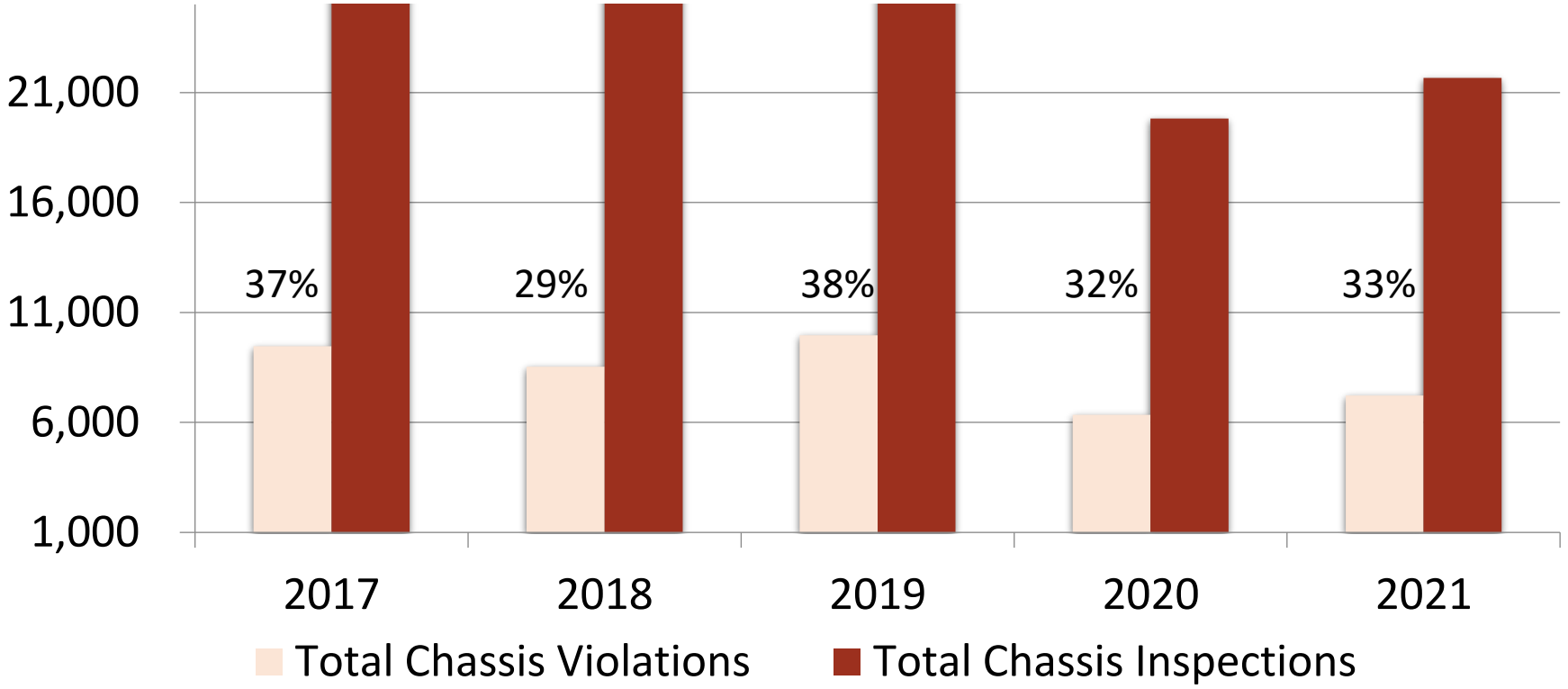
15,194 inspections in 2021; 30% were Level 5



Chassis Inspections

Level 1 & Level 5 Inspections

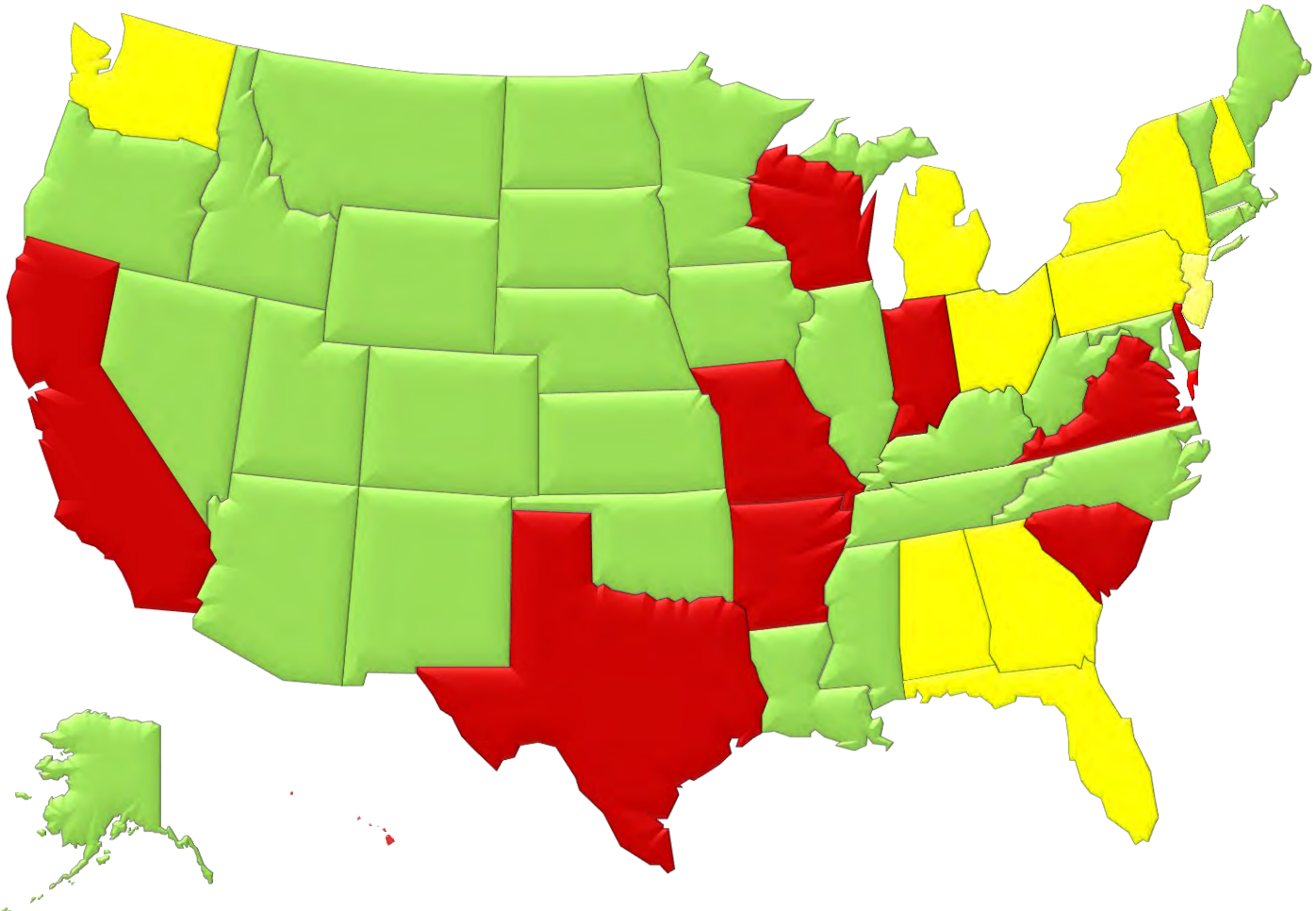
33% of total chassis inspections in 2021 had a violation



Chassis Inspections

Level 1 & Level 5: 2021

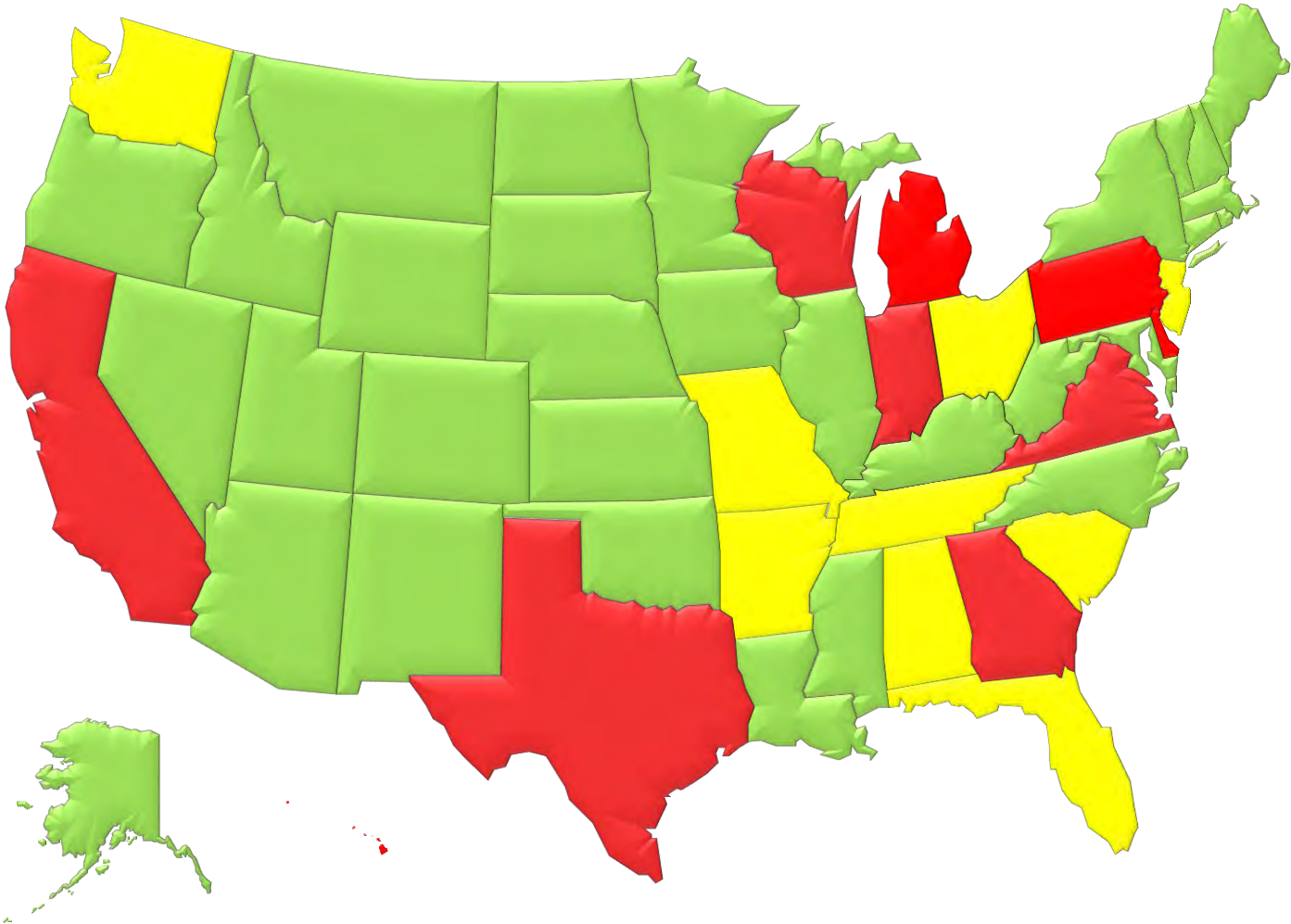
Red: Top 10 States
Yellow: 10 through 20 States
Green = Below Top 20



Chassis Violations

Level 1 & Level 5: 2021

Red: Top 10 States
Yellow: 10 through 20 States
Green = Below Top 20



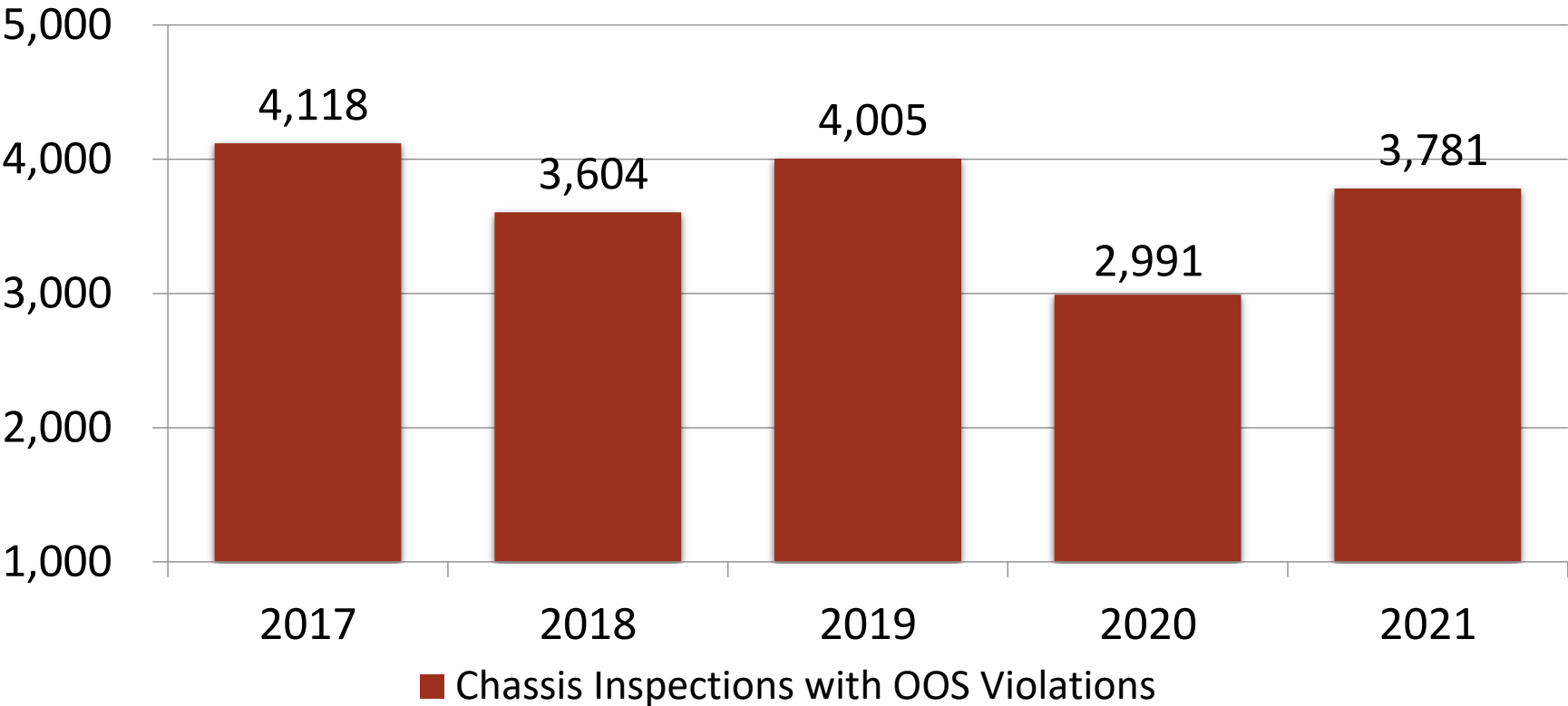
Inspections vs. OOS Rates

2021

State	2021	% of Total	OOS Rate
CA	14024	65%	12.6%
VA	1323	6%	9.4%
TX	1385	6%	25.3%
MD	692	3%	17.1%
IN	369	2%	41.2%
HI	291	1%	36.4%
WA	145	1%	44.8%
PA	244	1%	27.0%
NJ	119	1%	28.6%
MI	283	1%	42.8%

Chassis Inspections with OOS Violations

Level 1 & Level 5 Inspections

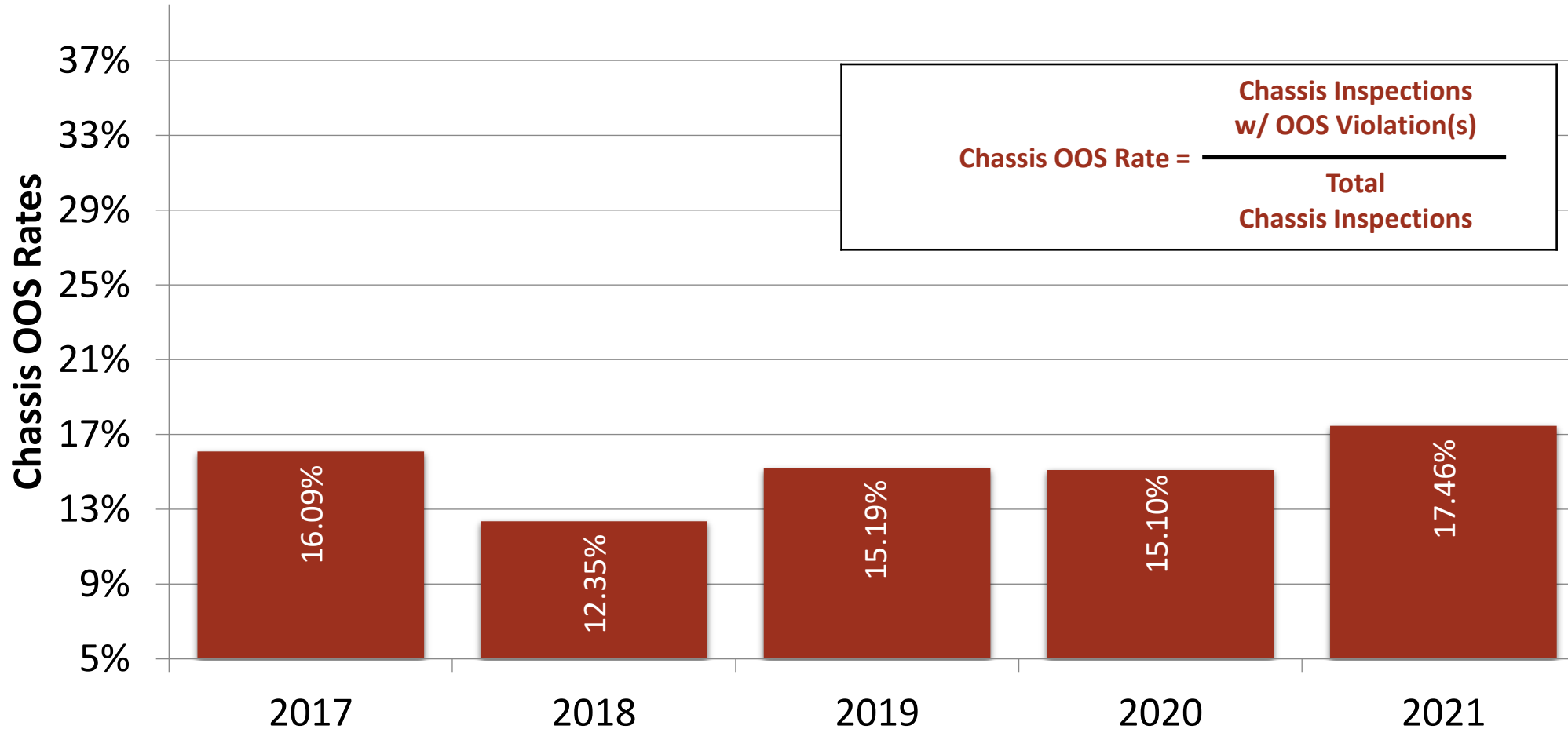


Source: FMCSA & IANA

Chassis OOS Violations Rates

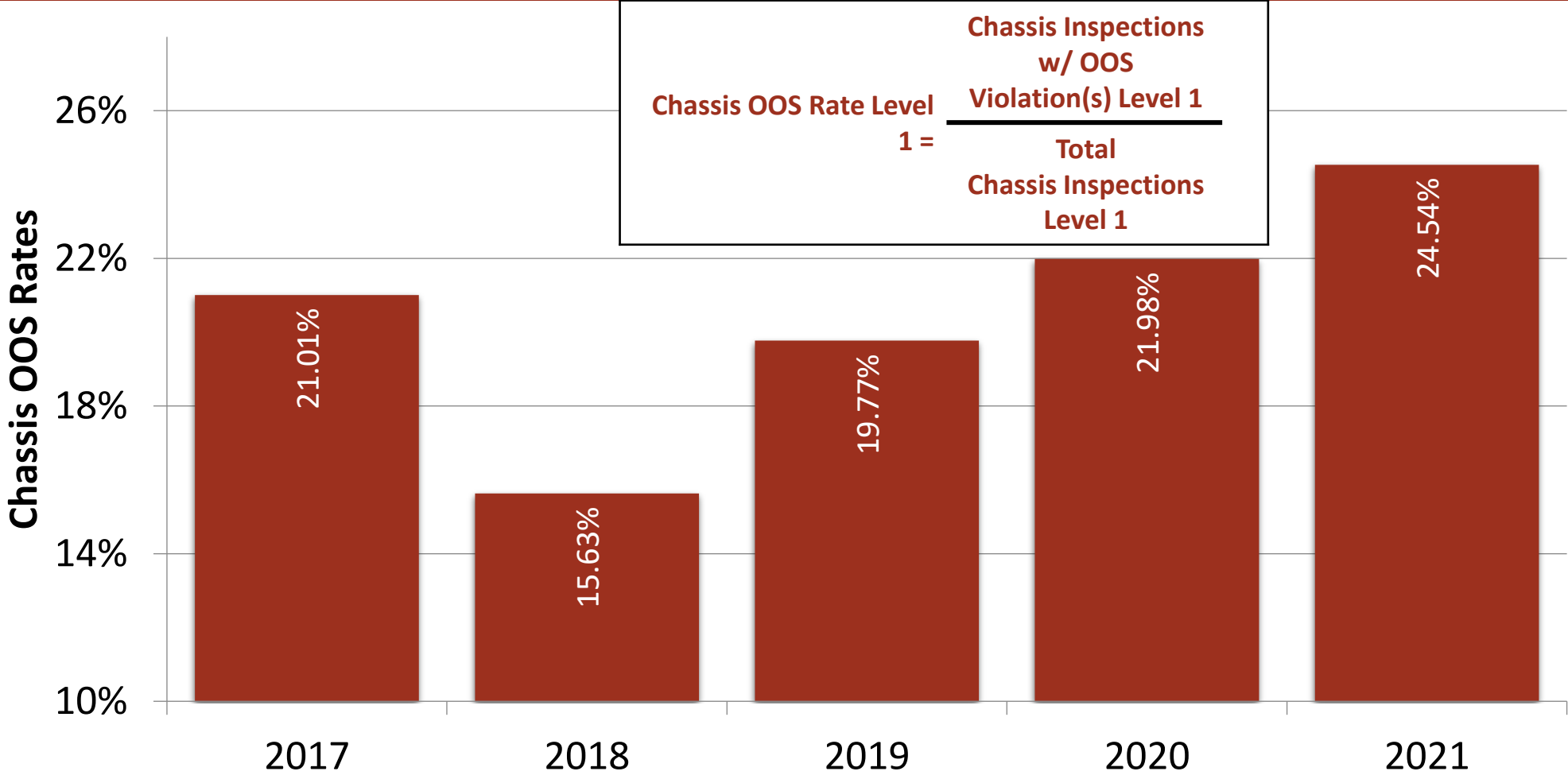
Level 1 & Level 5 Inspections

OOS Rate trending up for 2021



Chassis OOS Violations Rates (Level 1)

Level 1 & Level 5 Inspections



Source: FMCSA & IANA

Top 10 Jurisdictions with Highest Chassis OOS Rates*

State	Inspection Total	OOS Rate
Missouri	268	43.7%
Ohio	189	37.0%
Mississippi	84	36.9%
Wisconsin	419	32.2%
Michigan	212	32.1%
Tennessee	99	31.3%
Pennsylvania	287	30.0%
Washington	211	29.9%
Connecticut	119	27.7%
North Carolina	77	27.3%

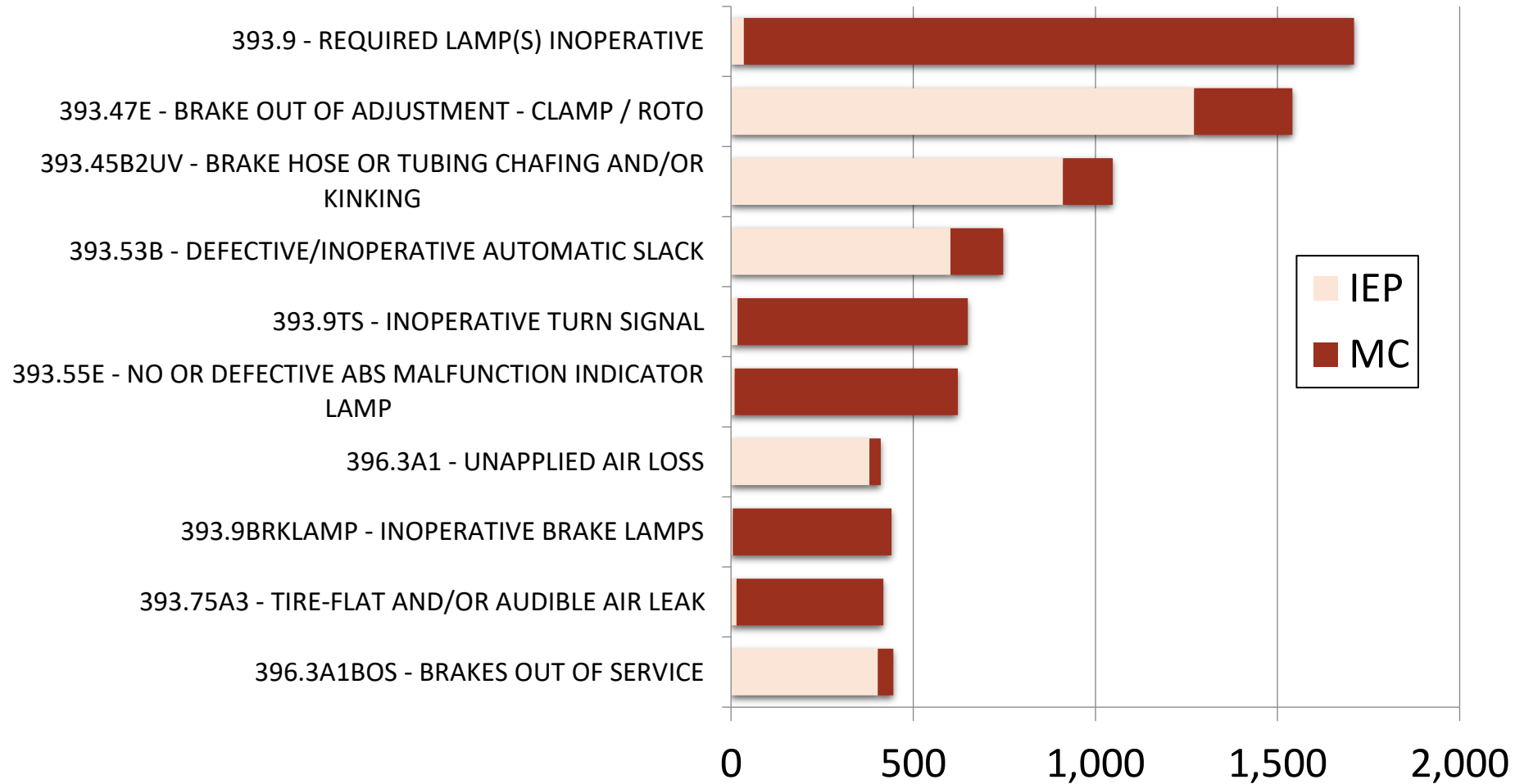
* Jurisdictions with a minimum of 50 total inspections

Top 10 Jurisdictions with Lowest Chassis OOS Rates*

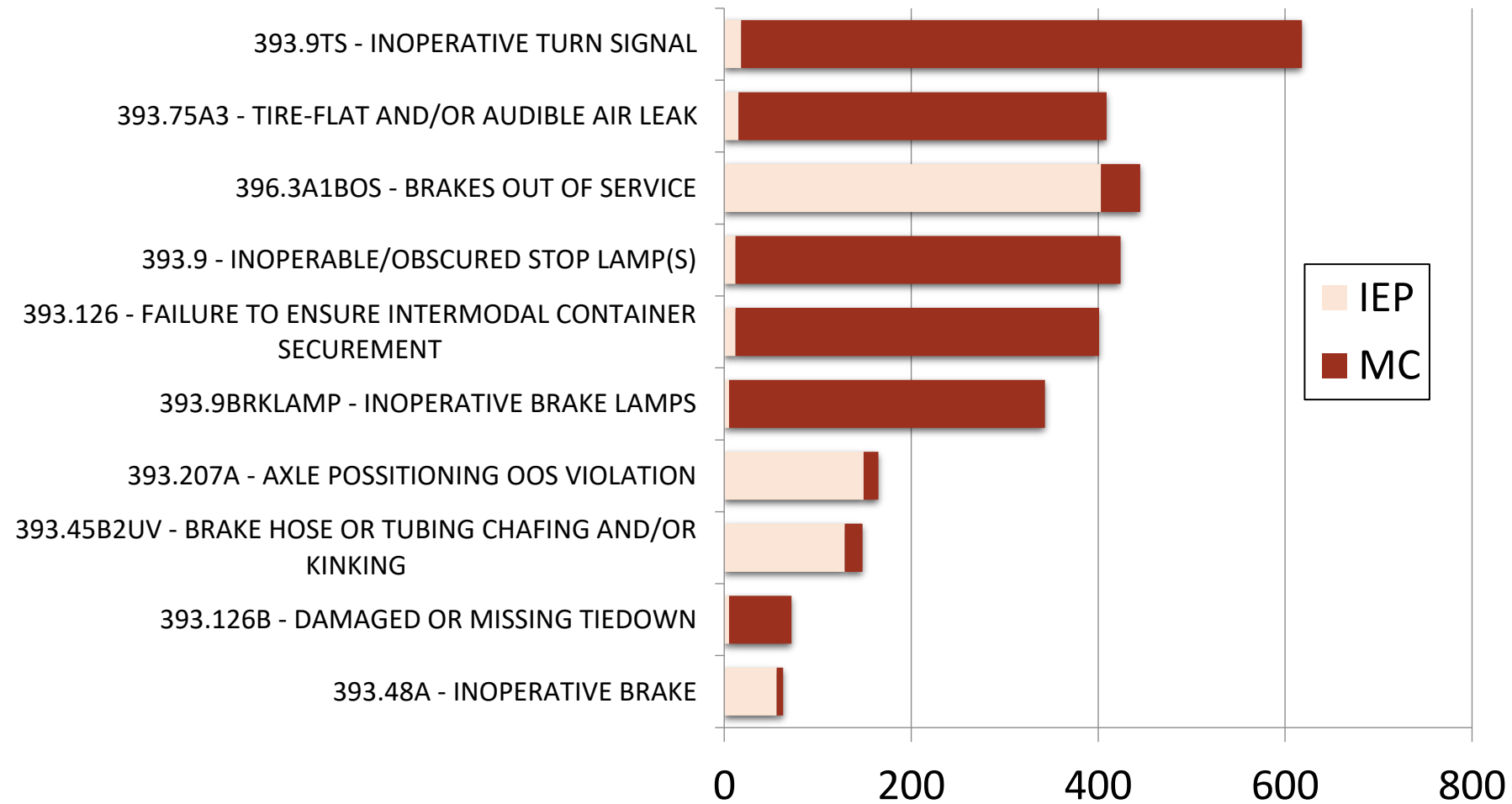
State	Inspection Total	OOS Rate
Virginia	1323	9.4%
California	14024	12.6%
Maryland	692	17.1%
Kentucky	101	17.8%
Federal	262	22.1%
Florida	90	24.4%
Arizona	72	25.0%
Texas	1385	25.3%
South Carolina	195	25.6%
Alabama	168	26.2%

* Jurisdictions with a minimum of 50 total inspections

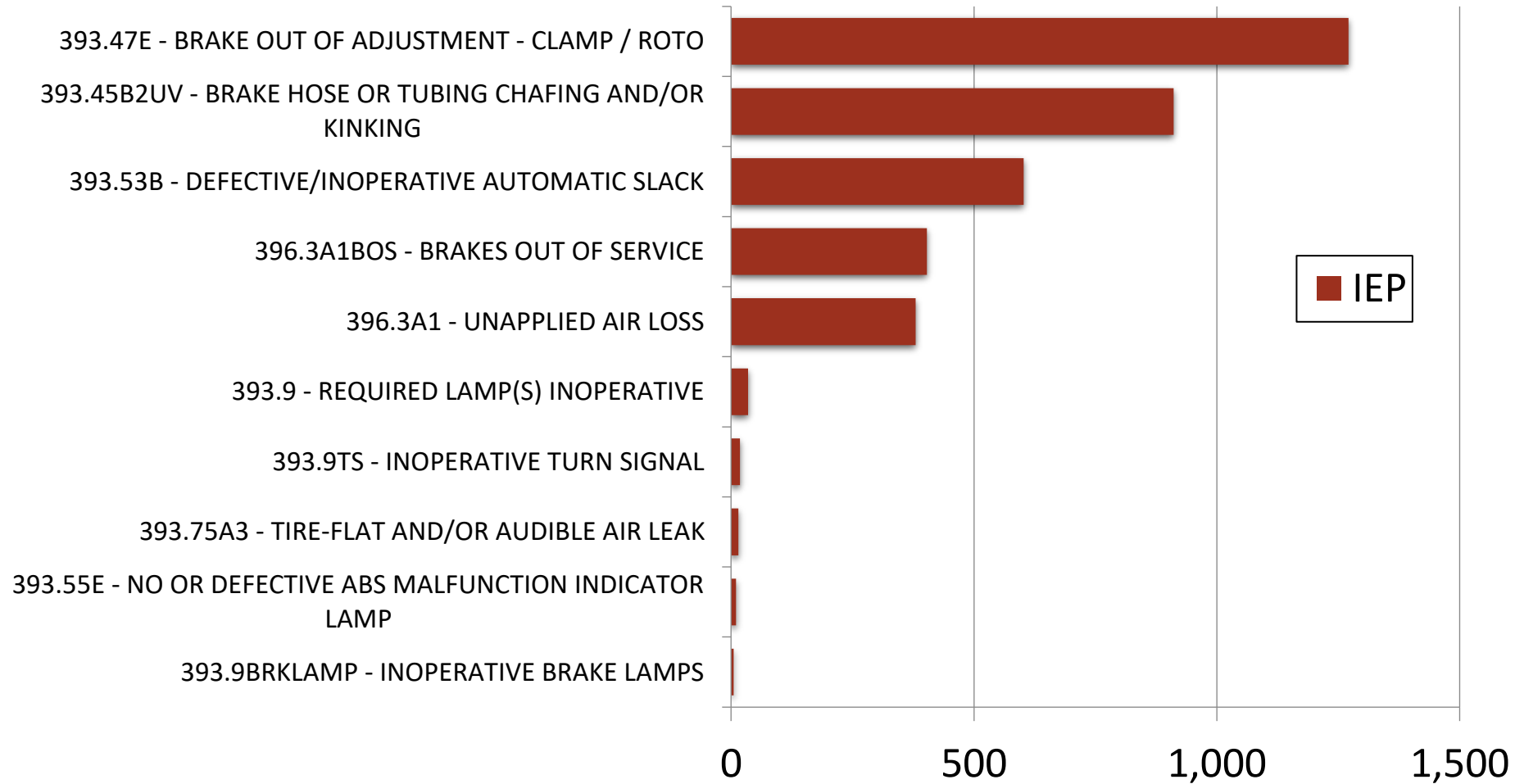
Top 10 Chassis Violations



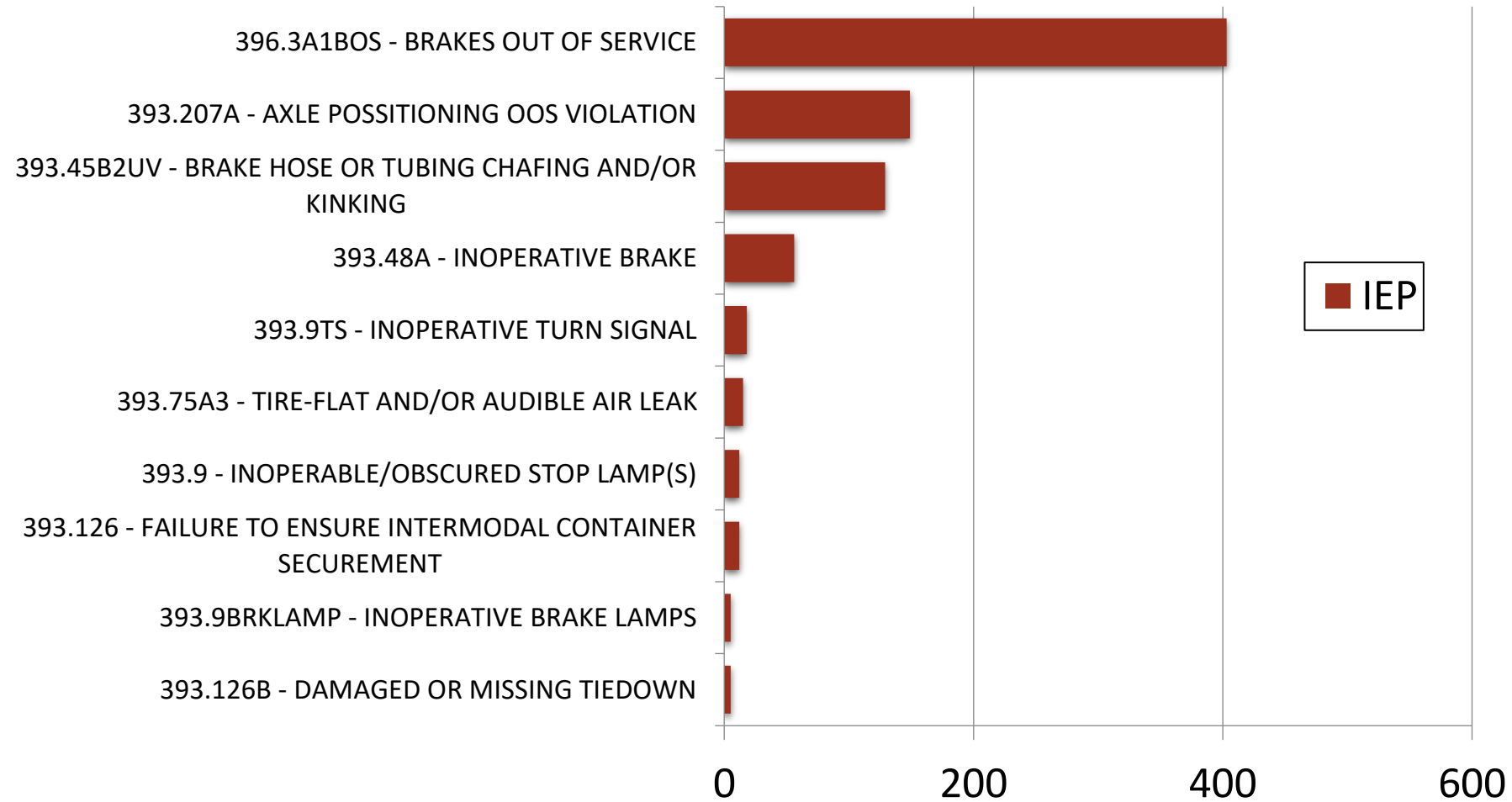
Top 10 Chassis OOS Violations



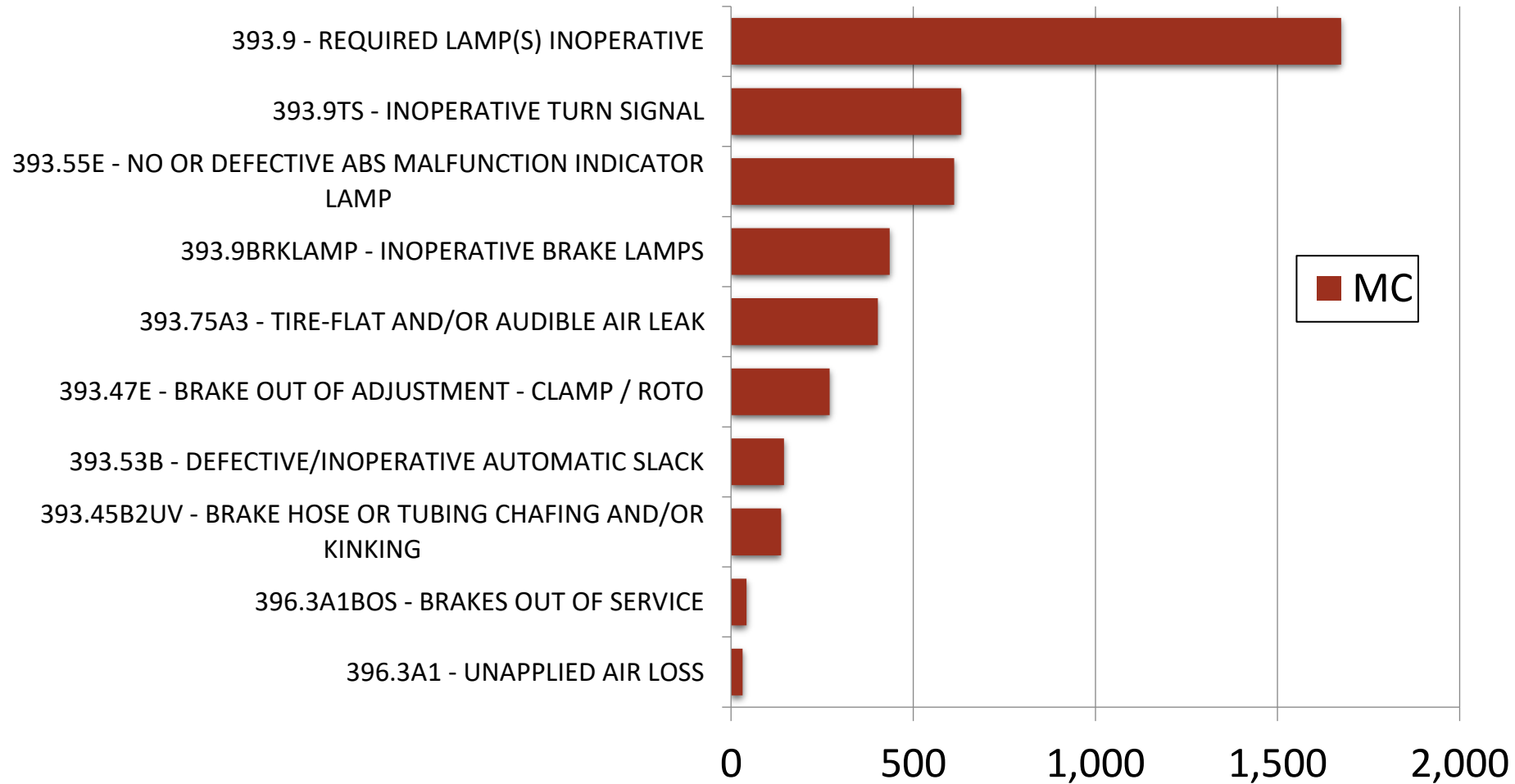
Top 10 Chassis Violations (IEP)



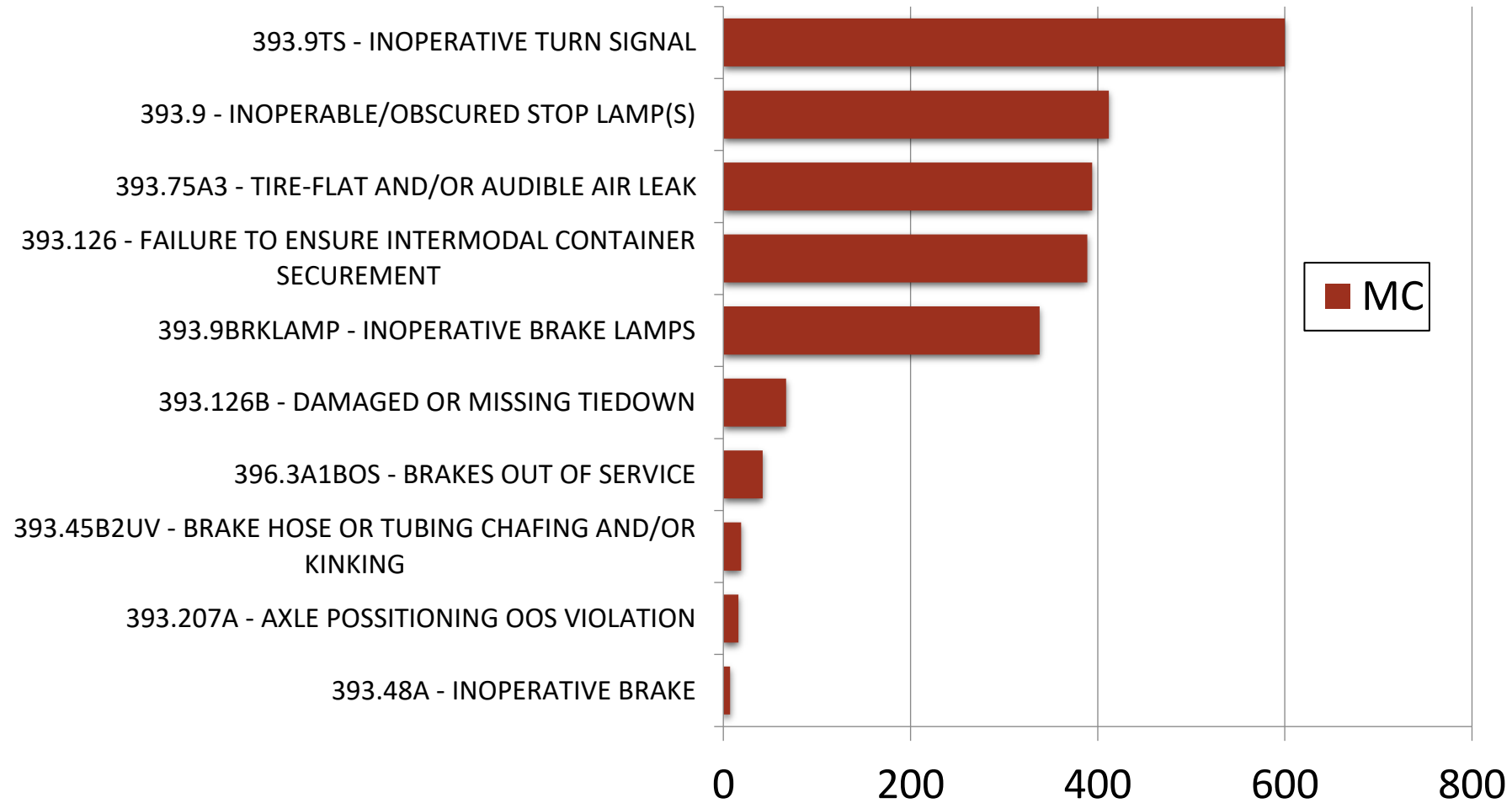
Top 10 Chassis OOS Violations (IEP)



Top 10 Chassis Violations (MC)

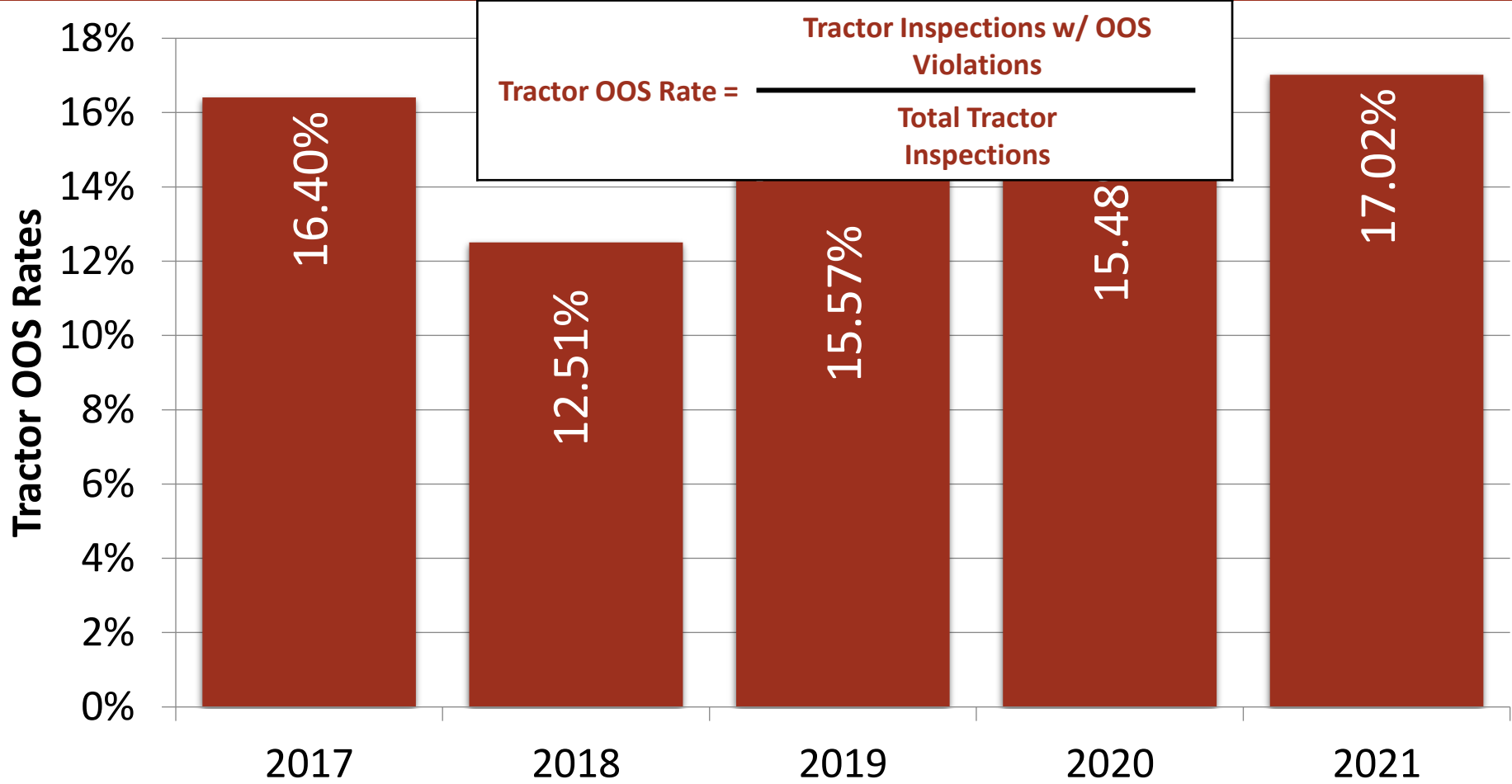


Top 10 Chassis OOS Violations (MC)



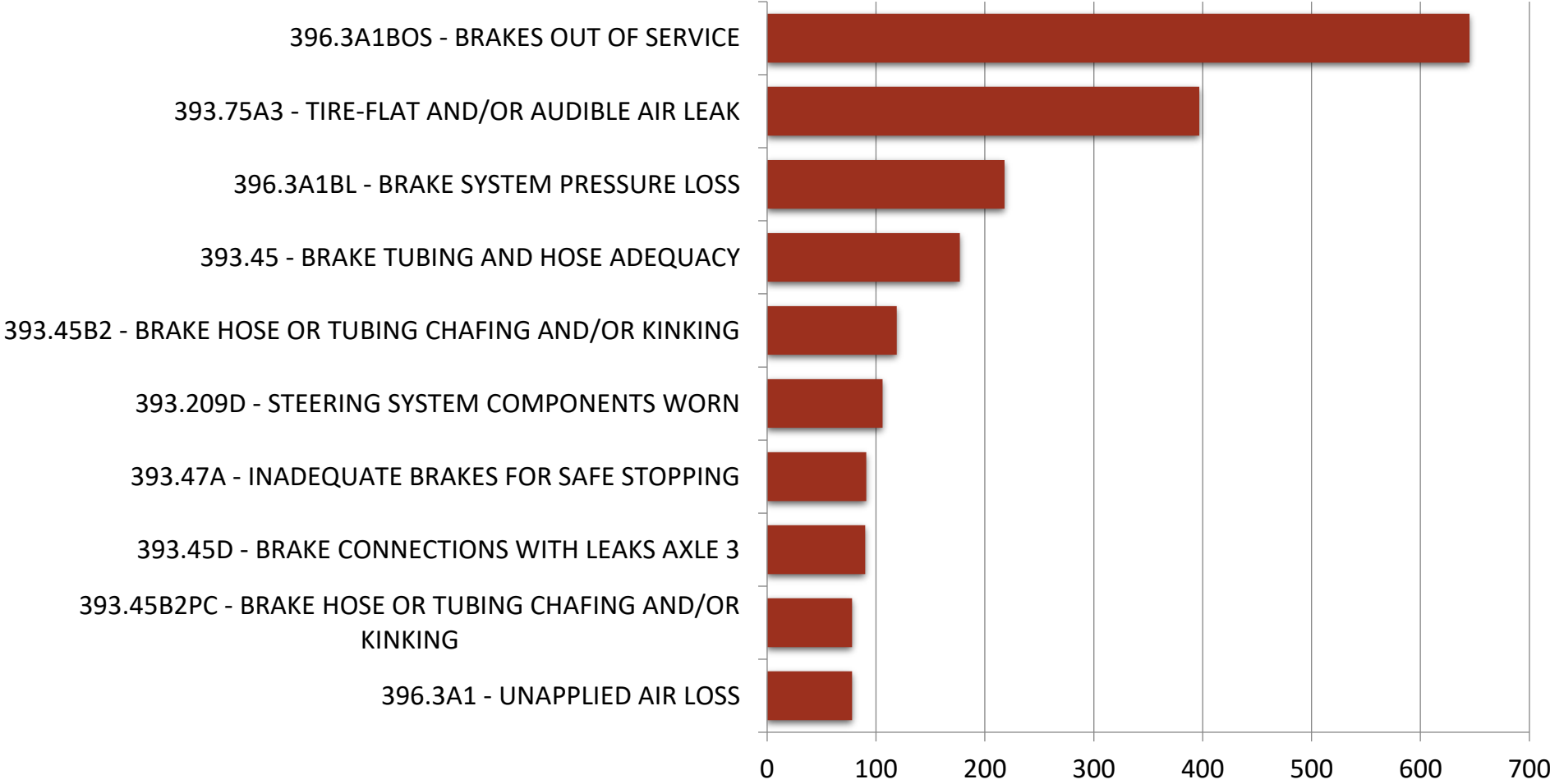
Tractor OOS Violation Rates

Level 1 & Level 5 Inspections involving Intermodal Chassis

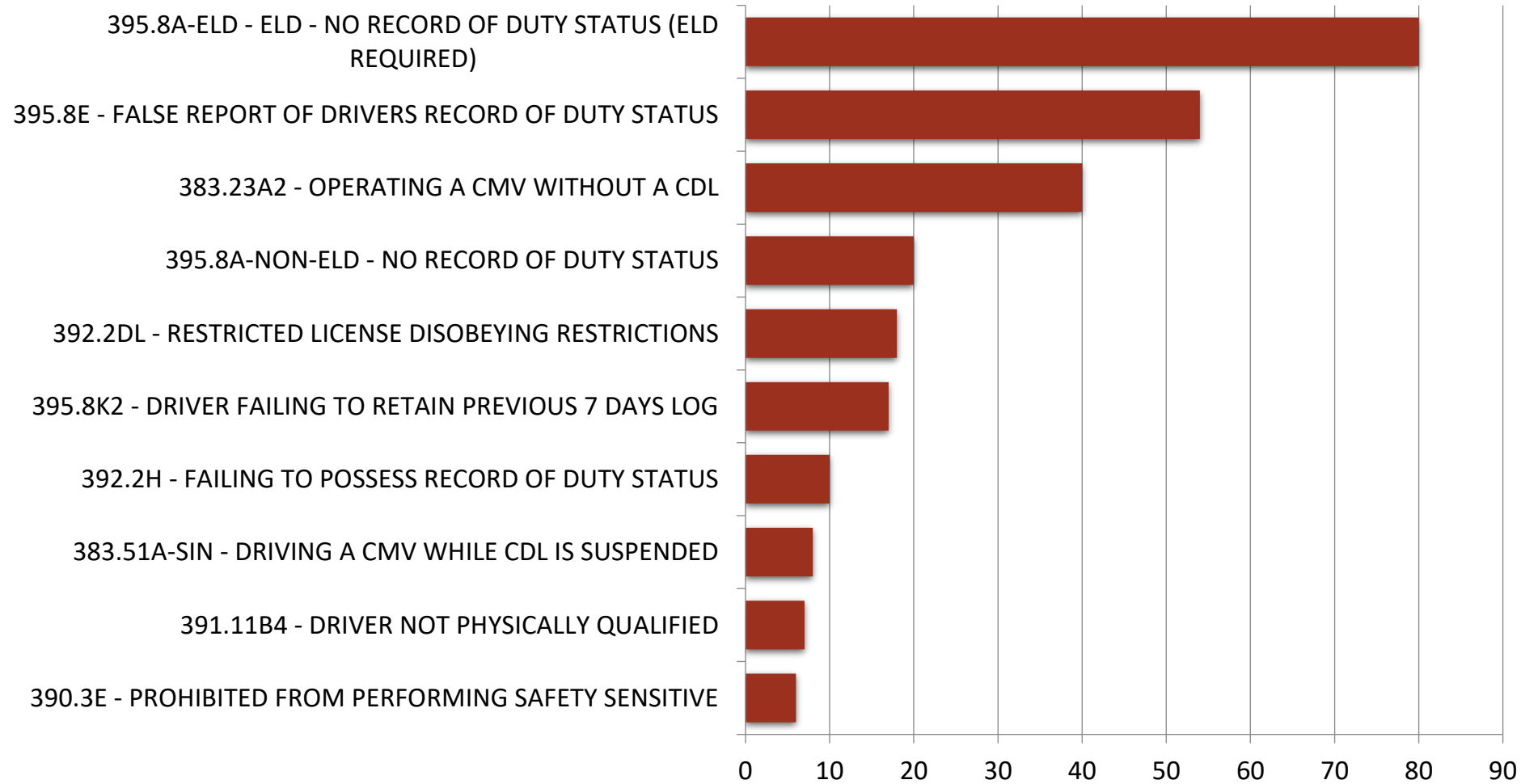


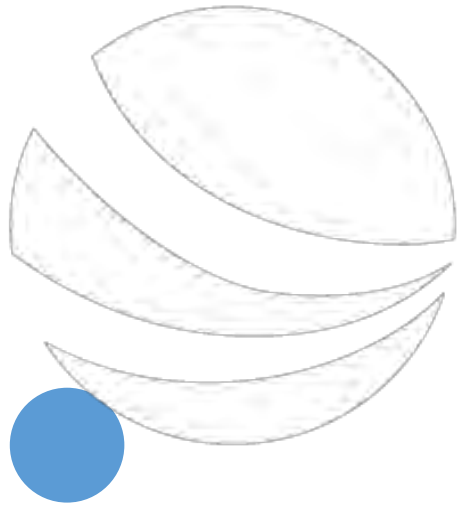
Source: FMCSA & IANA

Top 10 Tractor OOS Violations



Top 10 Driver OOS Violations





IANA

INTERMODAL ASSOCIATION
OF NORTH AMERICA™



Questions & Discussion



IANA

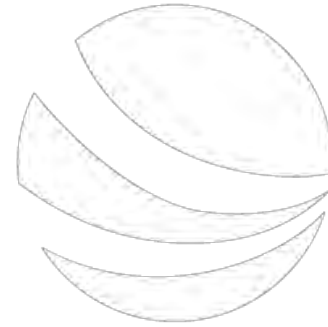
INTERMODAL ASSOCIATION
OF NORTH AMERICA™

Old Business



Old Business

- Preventative Maintenance Task Force – Rescope and Continue Work?
 - Next Steps



IANA

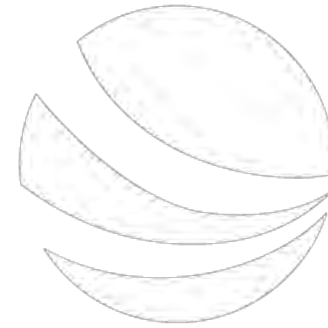
INTERMODAL ASSOCIATION
OF NORTH AMERICA™

New Business



New Business

- Roadability Regulations
 - Interest in developing a Working Group to review?
- Challenges Faced by Members During the Pandemic
 - Any that should be examined by a Working Group?



IANA

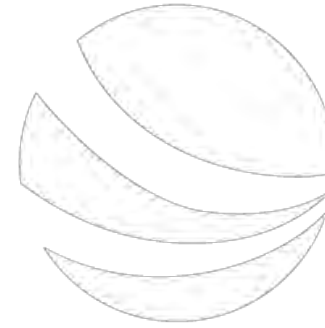
INTERMODAL ASSOCIATION
OF NORTH AMERICA™

Housekeeping



IANA Info

- Intermodal Recommended Practices page
 - <https://www.intermodal.org/resource-center/committee-recommended-practices>
- Industry Tools & Resources
 - <https://www.intermodal.org/resource-center/industry-tools-resources>
- IANA Education Program *Intermodal Connects*
 - <https://www.intermodal.org/upcoming-education>
- Next Committee Meeting – September 12, 2022 at EXPO in Long Beach



IANA

INTERMODAL ASSOCIATION
OF NORTH AMERICA™

Adjournment

