



IANA

INTERMODAL ASSOCIATION
OF NORTH AMERICA

Maintenance and Repair Committee Meeting

Monday, September 14, 2026

8:30 – 9:30 AM

Long Beach Convention Center

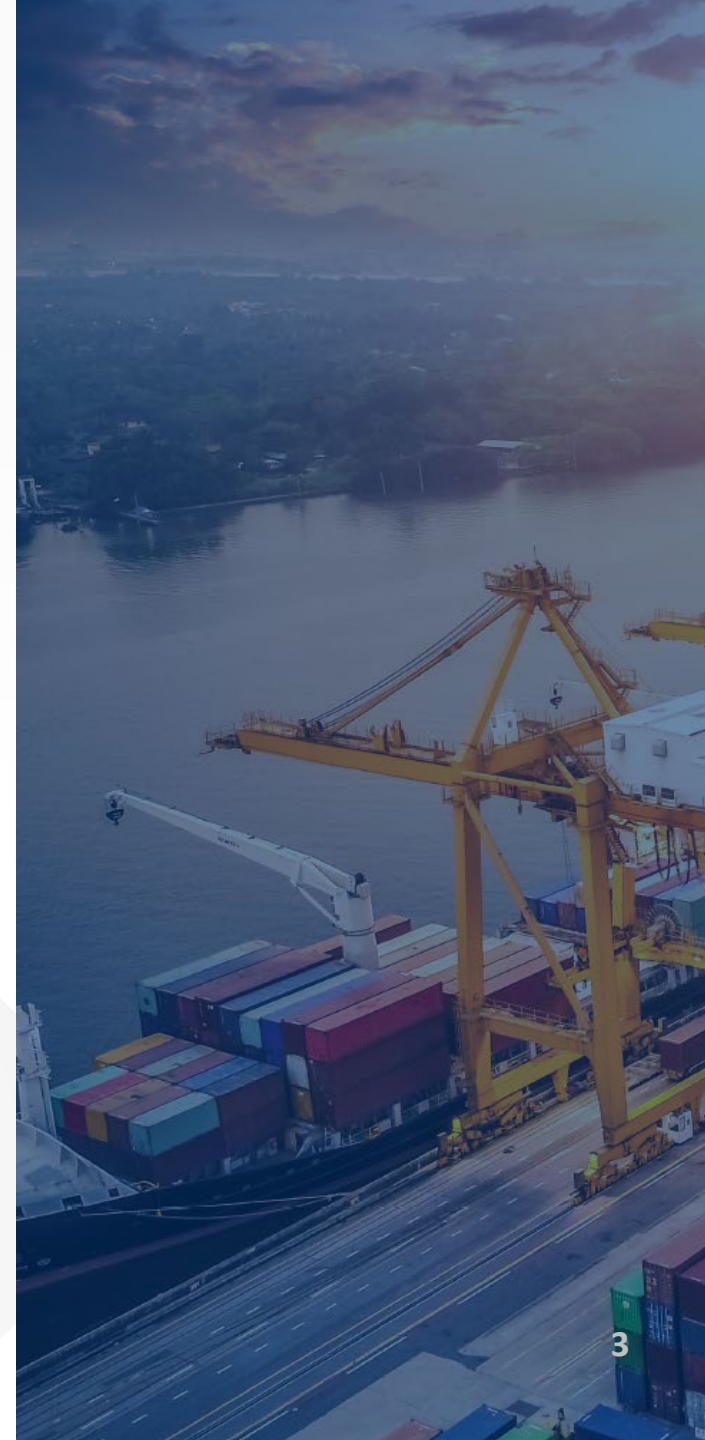
Long Beach, CA

Intermodal.org



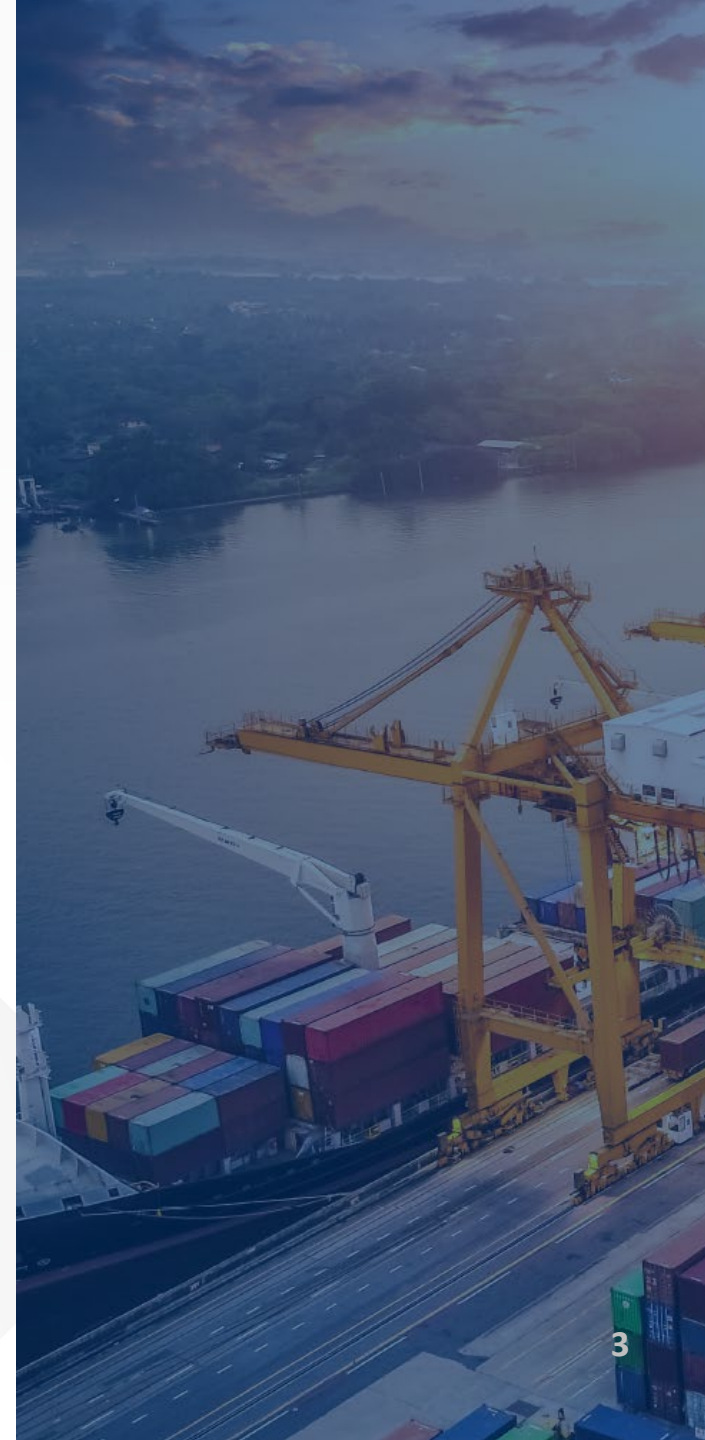
Call to Order

- Welcome
- Reminder of Expectations 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 and IANA Code of Conduct



Housekeeping

- Turn devices to vibrate or off
- **Please**, no sidebar conversations
- When speaking:
 - Raise hand for IANA staff
 - Identify yourself and company affiliation





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Safety Briefing



Current Location:

Long Beach Convention & Entertainment Center
Room 104 A&B
300 East Ocean Boulevard, Long Beach, CA 90802

Security Available 24/7

Call the Security Office at 562-499-7525.

Evacuation Assembly Area Locations:

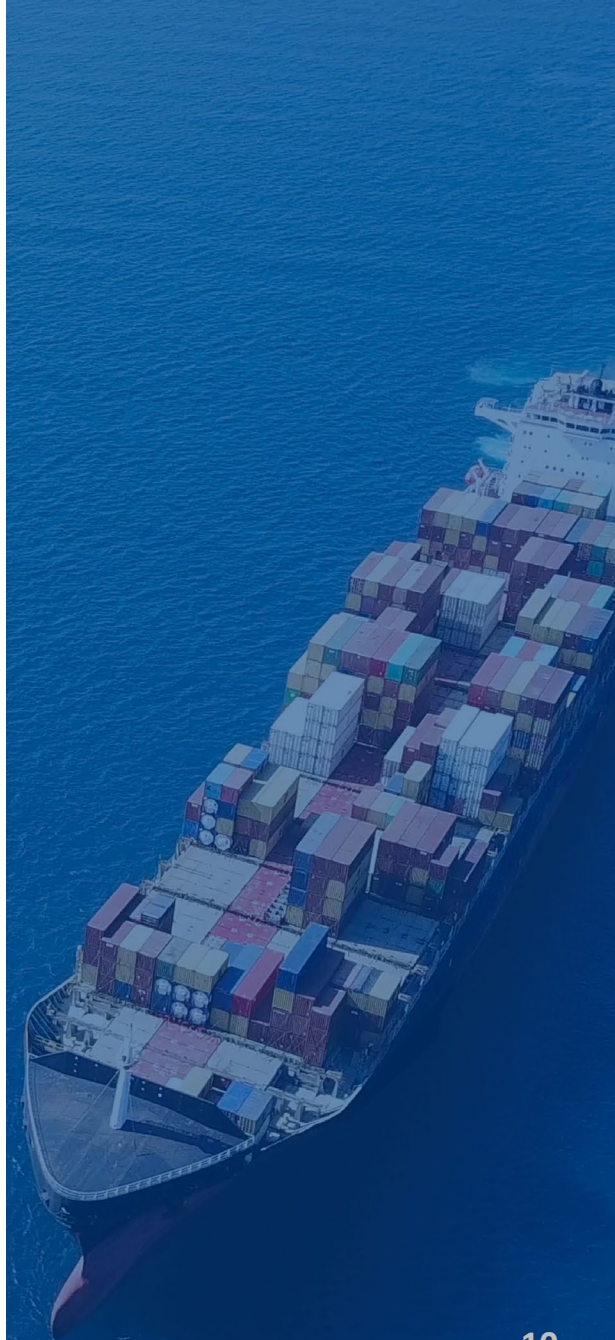
South Dock next to Hall C/Intake area
North Dock, next to Hall A, near medical area
Prom Plaza, exit along Promenade 1st floor near Pine Ave. & Bay St.

Fire Extinguishers:

- 12 fire extinguishers on LBCC Concourse Level

First Responders

- Emergency 911
- Long Beach Police Department (562) 570-7260
- Long Beach Fire Department (562) 570-2500



Antitrust Guidelines

Marc Blubaugh
IANA Counsel
Benesch, Friedlander, Coplan and Aronoff

Approval of May 5, 2026 Meeting Minutes





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Task Force and Working Group Updates



Joint Damage Prevention Task Force

**Andrew Knouse
Norfolk Southern Railroad**

Deliverables and Final Timeline

- **Task Force deliverables:**
 - Skid Flat Experiment Video
 - Chassis Stacking Recommended Practices Document
- **Distribution of deliverables to Committees for review**
 - Completed August 31, 2026
- **M&R Committee approval and adoption of deliverables**
 - September 14, Intermodal EXPO

Vote to Adopt Task Force Deliverables

- Skid Flat Experiment Video
- Chassis Stacking Recommended Practices Document





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THANK YOU, JOINT TASK FORCE MEMBERS

Task Force co-Leaders: Andrew Knouse, Norfolk Southern Corporation; Albert Perez, BNSF Railway

Justin Arcade, BNSF Railway

EJ Bronwasser, Milestone Equipment Holdings

Tolga Cankurtaran, NC State Ports Authority

Jeffrey Dudenhefer, NACPC

Danielle Eckhaus, TRAC Intermodal

Jeff Elseser, Buffers USA

Ben Evans, CIE Manufacturing

Chris Gates, Clarience Technologies

Rich Lammers, UP

Tyler Lippincott, J.B. Hunt Transport Services, Inc.

James Niccum, Rail Logistics, Inc.

Scott Nicholson, NACPC

Ted Niemeyer, V3 Companies

James Niccum, Rail Logistics, Inc.

Tommy Novak, Rail Logistics, Inc.

Chris O'Hea, MEDLOG USA

Deron Reese, J. B. Hunt Transportation Services, Inc.

Emilio Rico, Pressure Systems International, Inc.

Mike Rolling, FlexiVan

Stan Scofield, FlexiVan

Brad Ryckert, SKF USA Inc. Vehicle Service Market

Jimmy Scardo, Norfolk Southern Corporation

Jorge Serna, Norfolk Southern

Ron Smejkal, TRAC Intermodal

Bill Traub, P&B Intermodal

Photographic Evidence Task Force

Mark Smith
FYX Fleet Roadside Assistance



Modifications to the Supplement to Exhibit C of the UIIA

Revisions Highlighted and Noted in Red

Supplement to Exhibit C

Tire Marking and Photo Requirements/Criteria (Added 08/01/18)

Photo Requirements for Each Tire Repair/Replacement:

Tire Marking: The defective tires must be marked with chalk on the sidewall (not within the tread). Stickers are not acceptable.

Photo Resolution: Photos must be taken at a minimum of resolution of 1 megapixel (1MP) to adequately document evidence of damage or defect.

Required Photos:

Wide-angle View:

Capture the entire, **while mounted on the equipment if possible, and** clearly showing the following chalk markings:

- Chassis (alpha prefix and numbers)
- Container (alpha prefix and numbers)
- Date of repair
- Cause of Failure or "Why Made" Code
- Wheel position

Tread Depth Measurements: Required for "slick tread" (09) and "slid flat: (34) codes

Close-Up of Damage: Provide a close-up photo at a 45-degree angle to clearly show the specific damage or defect.

DOT Numbers: Photo of the manufacturer's DOT ID number and the latest Re-capper DOT ID number (chalked over) are required.

Special Cases: For blister (11) and channel cracks/dry rot (17), take photos while the tire is mounted and inflated.

Photos of run flat (13) code should be taken after tire is dismounted from the rim and additional photos taken of inner liner.

Additional inner liner photos are supplemental but not required unless exterior photos are inconclusive.

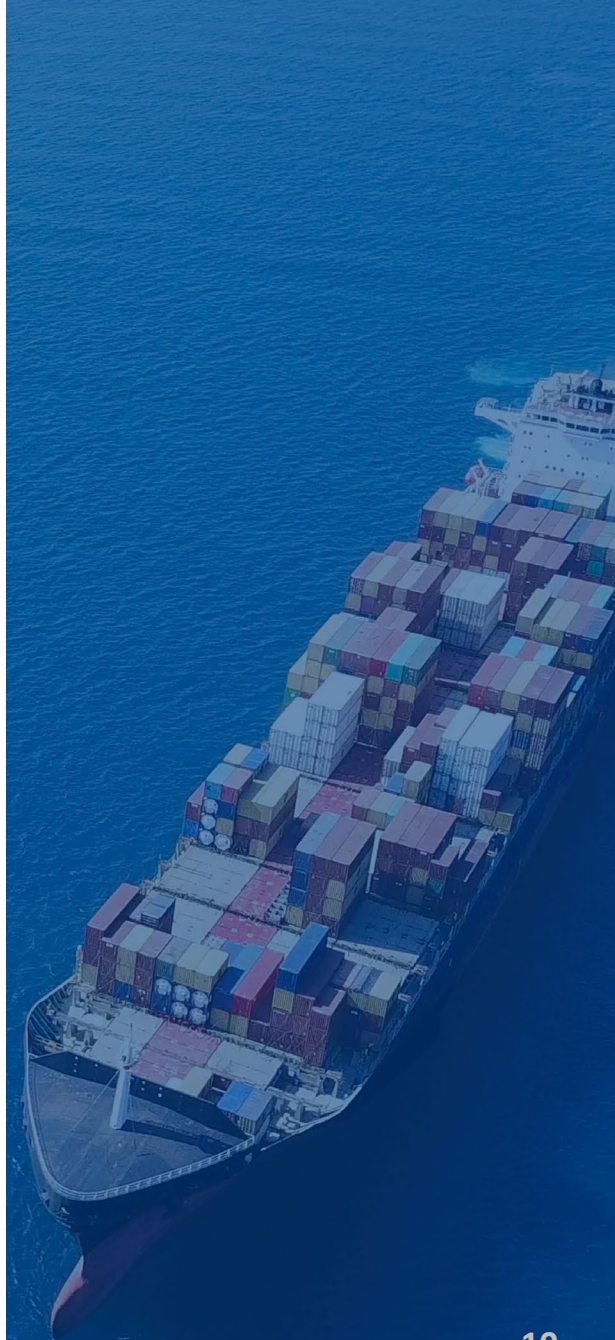
Additional Notes: The above criteria apply to road service providers performing marking and photo documentation.

Motor Carriers may also supply clear and directly related supporting photographic evidence that can be used alongside provider photos for validation.

If photographic evidence indicates cause of failure, it is considered sufficient documentation regardless of the "Why Made" code marked on the tire.

This photographic evidence process is designed to validate the cause of failure and to determine the responsible party, eliminating the need to return the carcass.

Following the thirty-day comment period on the proposed revisions to Supplement to Exhibit C, the IIEC has voted unanimously to move forward with the modifications. A notice was sent out that evening to all UIIA participants advising of the Committee's decision to move forward with the revisions and the effective date, which will be June 18, 2026.





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THANK YOU, TASK FORCE MEMBERS

Task Force Leader: Mark Smith, FYX Fleet Roadside Assistance

Tim Farrell, IMC Logistics

Brooke Frerichs, Union Pacific Railroad Company

Stefanie Fyfe, ContainerPort Group, Inc.

Richard Lammers, Union Pacific Railroad Company

Calvin Lin, Ventra Technology Inc.

Jacob Lorimer, The Evans Network of Companies

Angelina Mercado, TRAC Intermodal

Holly Middleton, Norfolk Southern Corporation

Kent Musick, Pratt Intermodal

Chris O'Hea, MEDLOG USA

Albert Perez, BNSF Railway

Frank Puciul, SAF-HOLL

Ron Smejkal, TRAC Intermodal

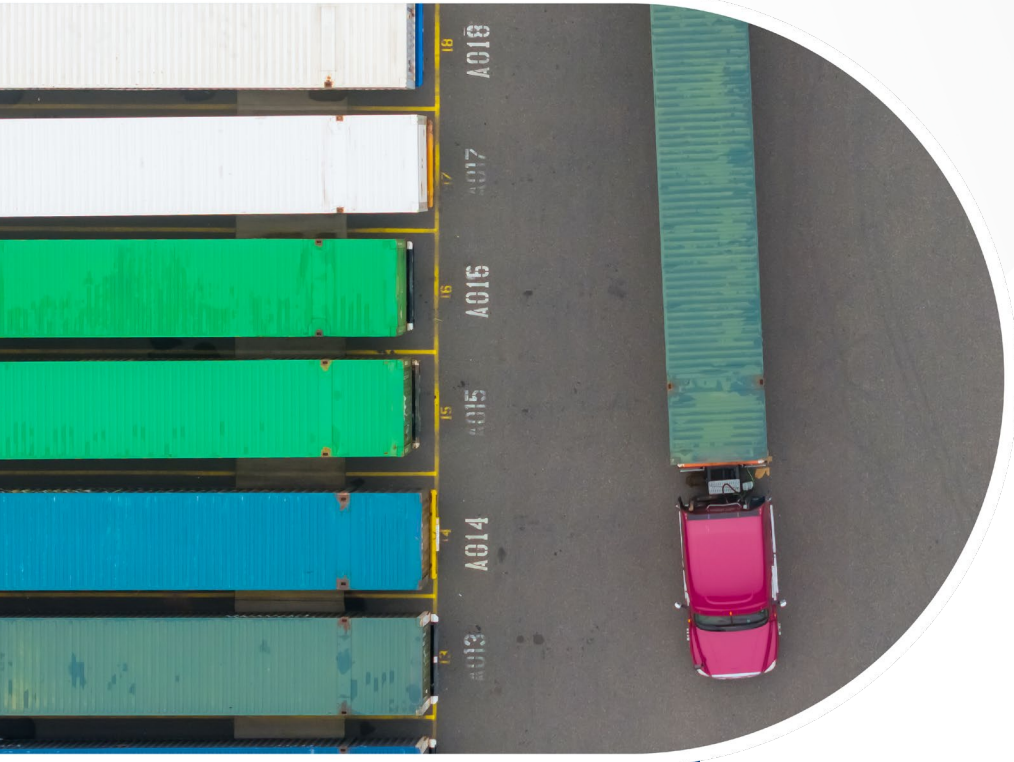
Bill Traub, P & B Intermodal Services, Inc.

Jeremy Worley, FYX Fleet Roadside Assistance

Pete Young, Rail Logistics, Inc.

Mechanics Guide Review Working Group

Chris O’Hea
MEDLOG USA





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THANK YOU, WORKING GROUP MEMBERS

Leader: Brian Herrington Webb Wheel Products, Inc.

Nathan Beal, SKF USA Inc. Vehicle Service Market

Cherie Bell, CSX Intermodal Terminals, Inc.

Jose Canales Integrated Industries, Inc.

Joshua Cooley ITI Intermodal, Inc.

Jeffrey Dudenhefer North American Chassis Pool
Cooperative (NACPC)

Art Ellermann HRCP II, LLC

William Fluke CMC

Carl Francis Consolidated Chassis Management, LLC

Chris Gates Truck-Lite

Billy Heath TRAC Intermodal

Dan Miller Peterson Manufacturing Company

Thomas Novak Rail Logistics, Inc.

Christopher O'Hea MEDLOG USA

Collin Parker Hutchens Industries, Inc.

Emilio Rico Pressure Systems International, Inc.

James Santos SAF-HOLLAND

Jimmy Scardo Norfolk Southern Corporation

Stanley Scofield FlexiVan

Nathaniel Seeds FlexiVan

Jorge Serna Norfolk Southern Corporation

Peter Shevlino Milestone Chassis Company LLC

Ronald Smejkal TRAC Intermodal

Braydon Soule JOST International

William Traub P & B Intermodal Services, LLC

David Weatherby MEDLOG USA

Roadability Regulations Working Group

Zachary Moffa
The Evans Delivery Group



Deliverables and Final Timeline

- **Working Group deliverable:**
 - Roadability Pre-Trip Kit
- **Distribution of deliverable to Committees for review**
 - Completed August 31, 2026
- **M&R Committee approval and adoption of deliverable**
 - September 14, Intermodal EXPO

Vote to Adopt Working Group Deliverable



THANK YOU, WORKING GROUP MEMBER

Leader: Brian Herrington, Webb Wheel Products

James Caudill	South Carolina Ports Authority	Richard Lammers	Union Pacific Railroad Company
Zachary Moffa	The Evans Network of Companies	Jacob Lorimer	The Evans Network of Companies
Eric Anderson	Milestone Chassis Company LLC	Christopher O'Hea	MEDLOG USA
Mario Anguiano	DCLI	Garry Old	COFC Logistics, LLC
Nathan Beal	SKF USA Inc. Vehicle Service Market	Mark Pulver	North American Chassis Pool
Eric-Jan Bronwasser	Milestone Chassis Company LLC	Cooperative (NACPC)	
Jose Canales	Integrated Industries, Inc.	Emilio Rico	Pressure Systems International, Inc.
Jeffrey Dudenhefer	North American Chassis Pool Cooperative (NACPC)	Stanley Scofield	FlexiVan
Brooke Frerichs	Union Pacific Railroad Company	Jorge Serna	Norfolk Southern Corporation
Tom Hogan	PIC	Kim Wilson	Wallport Transit Xpress, Inc.



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FMCSA Presentation

Chelsea Castaneda
Safety Operations Program Manager

Stephen Hrabovsky
Acting Regional Field Administrator
Eastern Service Center





FMCSA – Office of Safety

September 14, 2026



National Truck Driver Appreciation Week 2026



U.S. Department of Transportation
Federal Motor Carrier Safety Administration

FMCSA Inspection Metrics for Intermodal Equipment



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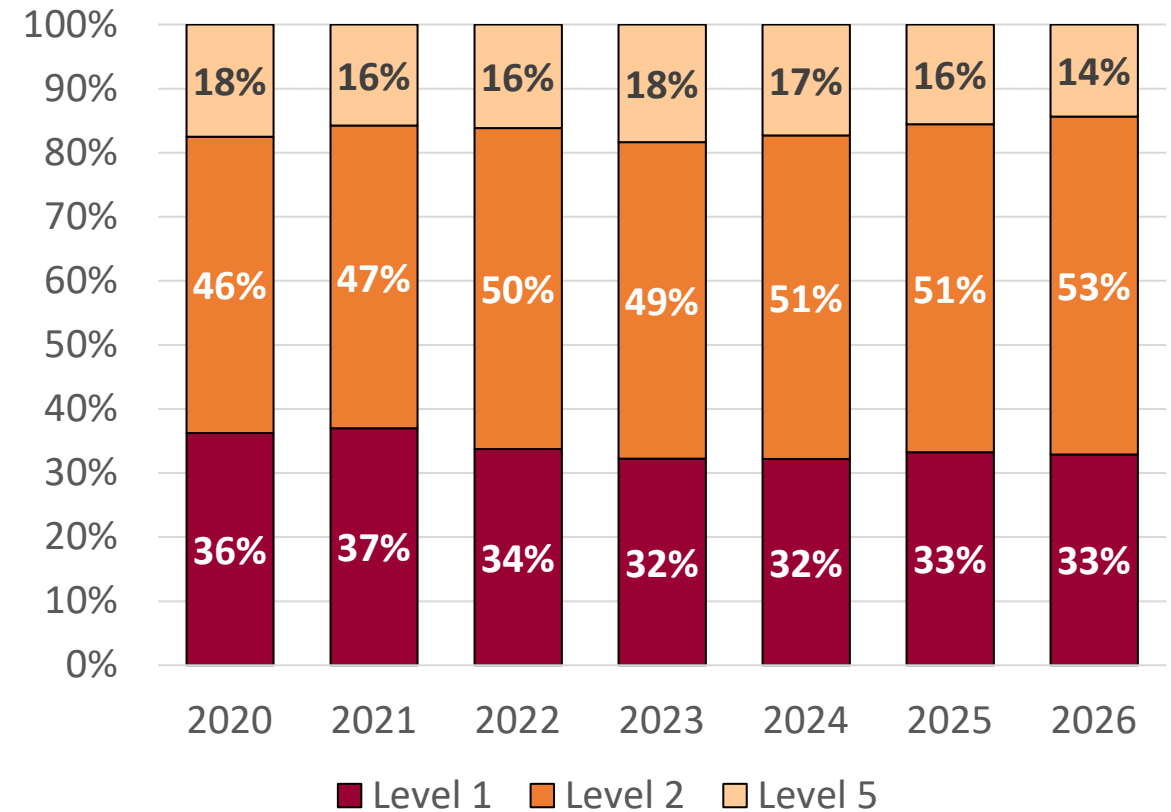
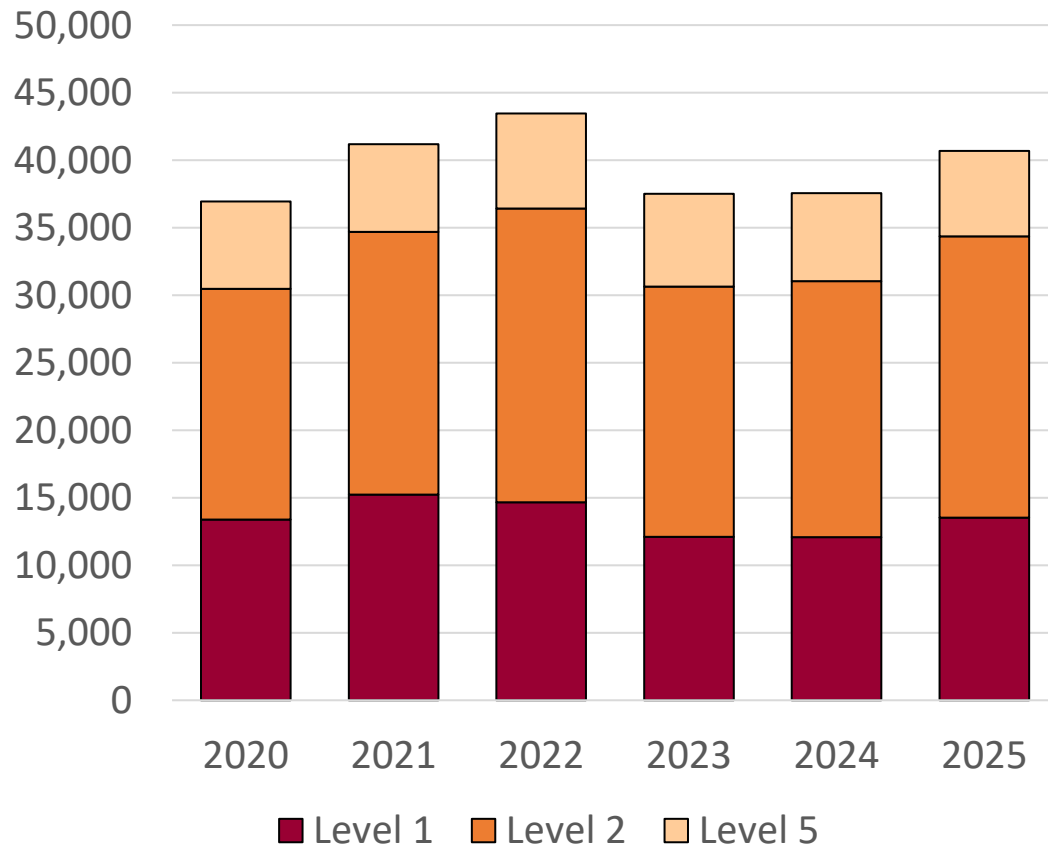
U.S. Department
of Transportation

**Federal Motor
Carrier Safety
Administration**

Chassis Inspections

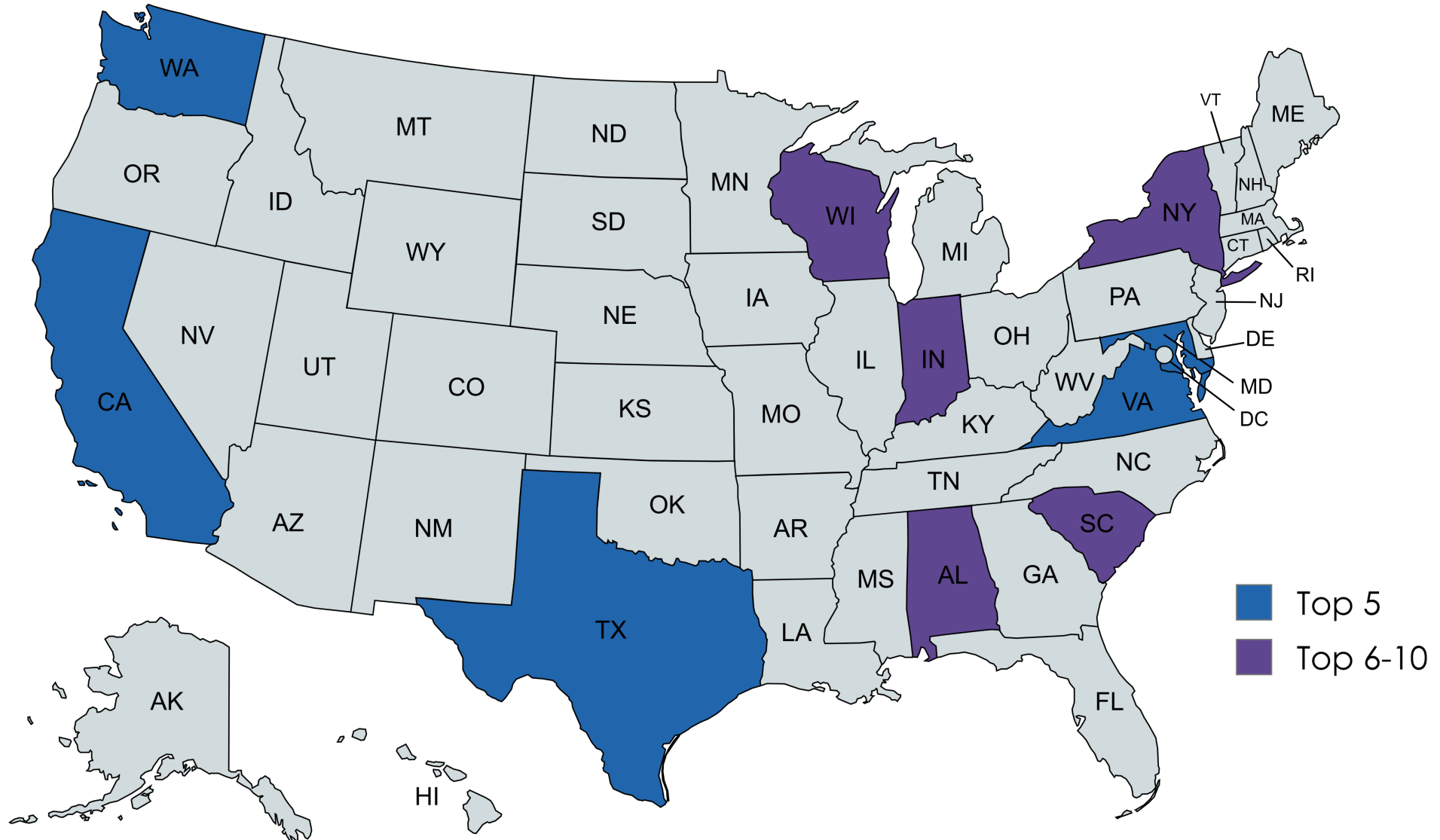
Level 1, Level 2, & Level 5 Inspections

40,693 Inspections in 2025



Level 1, Level 2, & Level 5: 2025

Level 1, Level 2, & Level 5: 2025



Top 10 Jurisdictions for Chassis Inspections

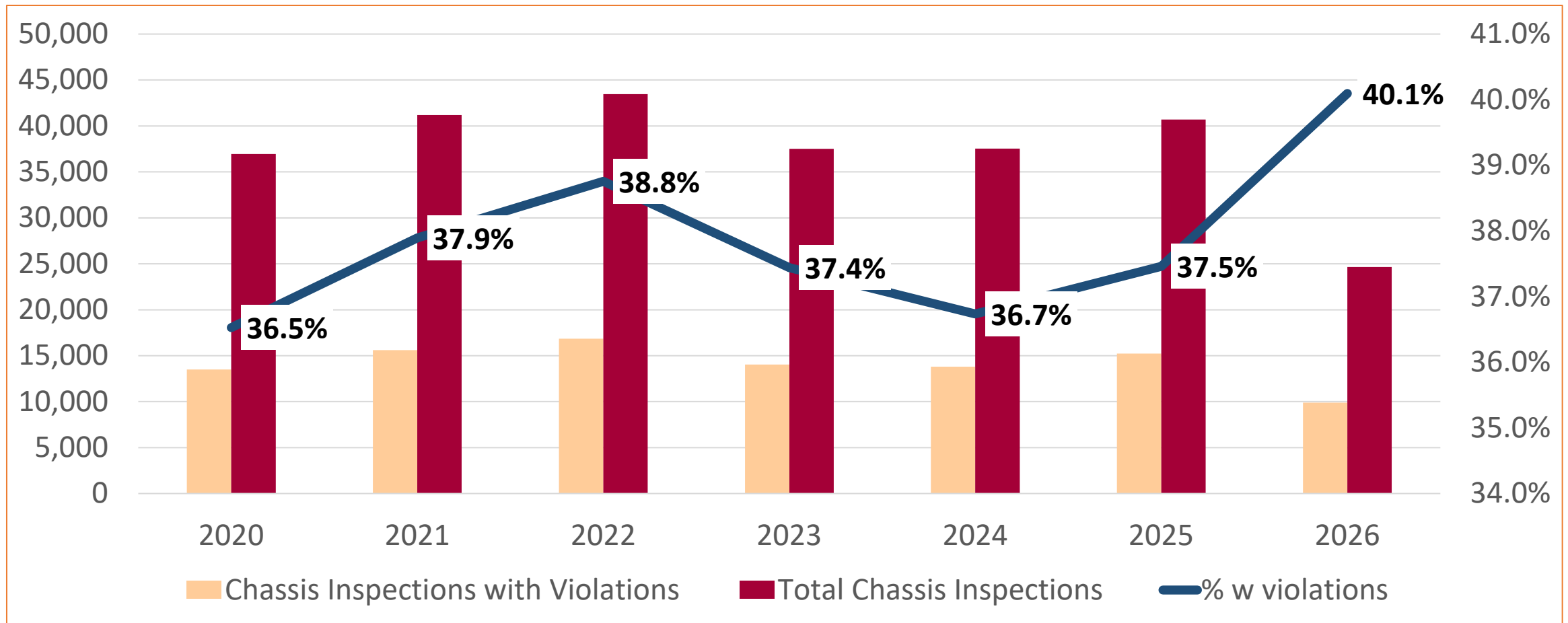
2024 vs. 2025

State	2024 Inspections	% of Total	State	2025 Inspections	% of Total
CA	17,029	45%	CA	17,678	43%
TX	4,907	13%	TX	5,422	13%
SC	1,110	3%	MD	1,495	4%
AL	1,079	3%	WA	1,369	3%
NY	1,063	3%	VA	1,315	3%
MD	1,058	3%	NY	1,192	3%
WA	940	3%	AL	1,125	3%
VA	822	2%	SC	1,059	3%
IN	717	2%	IN	788	2%
PA	610	2%	WI	661	2%

Chassis Inspections

Level 1, Level 2, & Level 5 Inspections

40.1% of total chassis inspections so far in 2026 had a violation

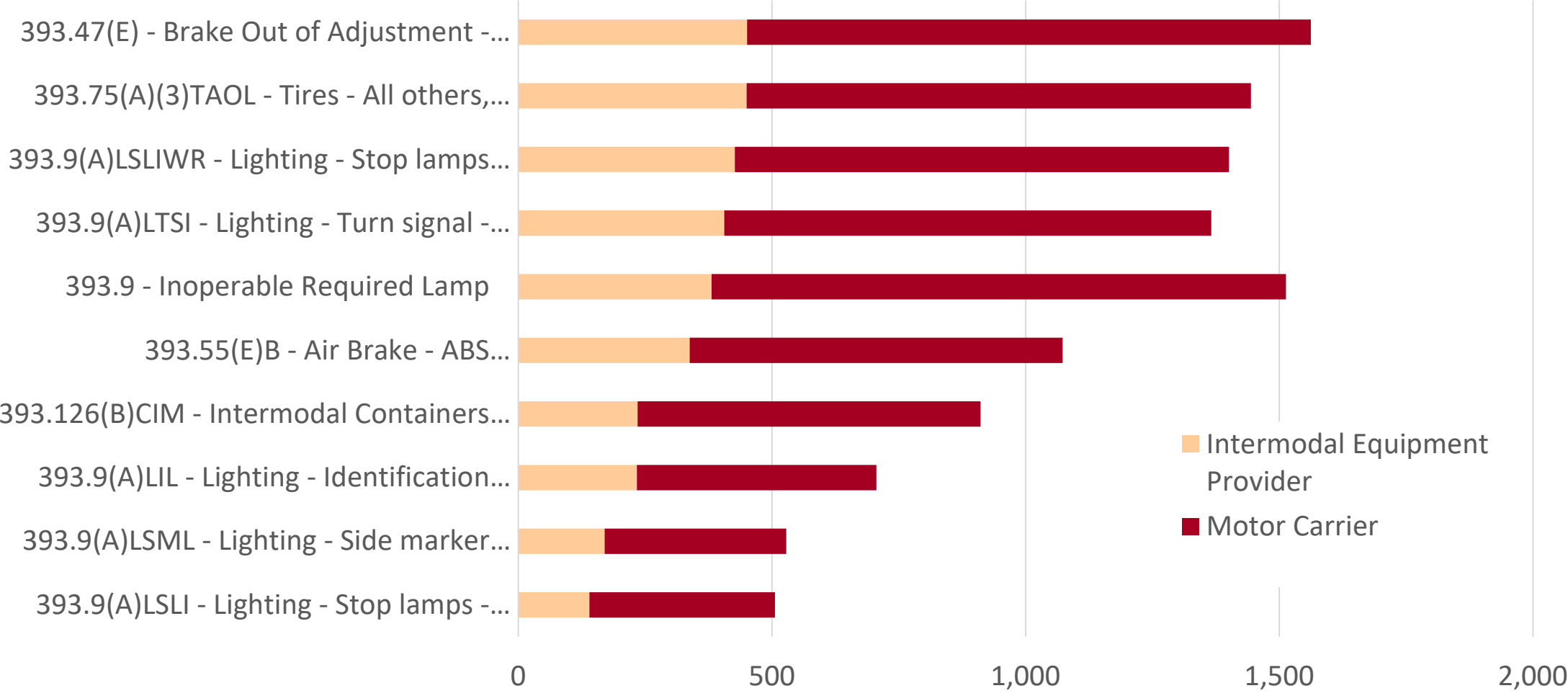


Top 10 Jurisdictions for Chassis Violations

2024 vs. 2025

State	2024 Total Chassis Violations in State	% of Total	State	2025 Total Chassis Violations in State	% of Total
CA	6,200	24%	TX	6,671	23.06%
TX	5,693	22%	CA	6,506	22.49%
SC	1,082	4%	WA	1,312	4.54%
WA	986	4%	MD	1,223	4.23%
PA	847	3%	US	1,184	4.09%
NY	785	3%	SC	986	3.41%
WI	709	3%	WI	866	2.99%
IN	707	3%	PA	854	2.95%
MD	647	2%	NY	796	2.75%
OH	613	2%	AL	760	2.63%

Top 10 Chassis Violations

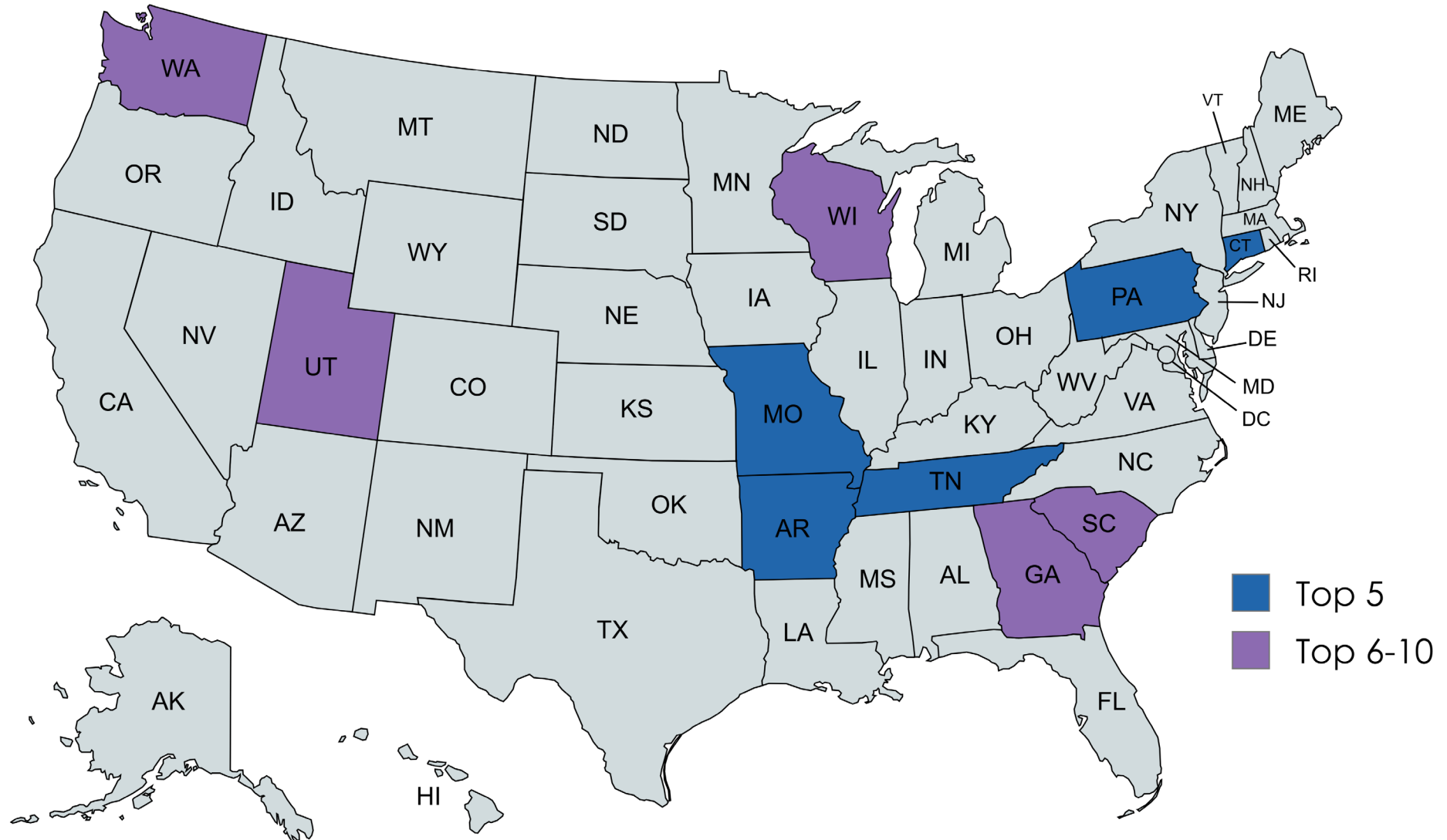


Top 5 Chassis Violations

Top 5 IEP Attributed Chassis Violations	Top 5 MC Attributed Chassis Violations
Brake Out of Adjustment - Roto, Clamp (Short & Long), DD-3, or Bolt	Lighting - Stop lamps - Both inoperative when required to be on.
Air Brake - CMV manufactured on or after 10/20/1994 has an automatic airbrake adjustment system that fails to compensate for wear.	Lighting - Turn signal - Any inoperative on the rearmost vehicle.
Brake Hose or Tubing Chafing and/or Kinking Under Vehicle	Tires - All others, leaking or inflation less than 50% of the maximum inflation pressure.
Air Brake - Audible air leak at a proper connection.	Air Brake - ABS malfunction lamp defective on trailers manufactured on or after March 1, 1998.
Air Brake - Hose/tubing damaged or not secured.	Inoperable Required Lamp

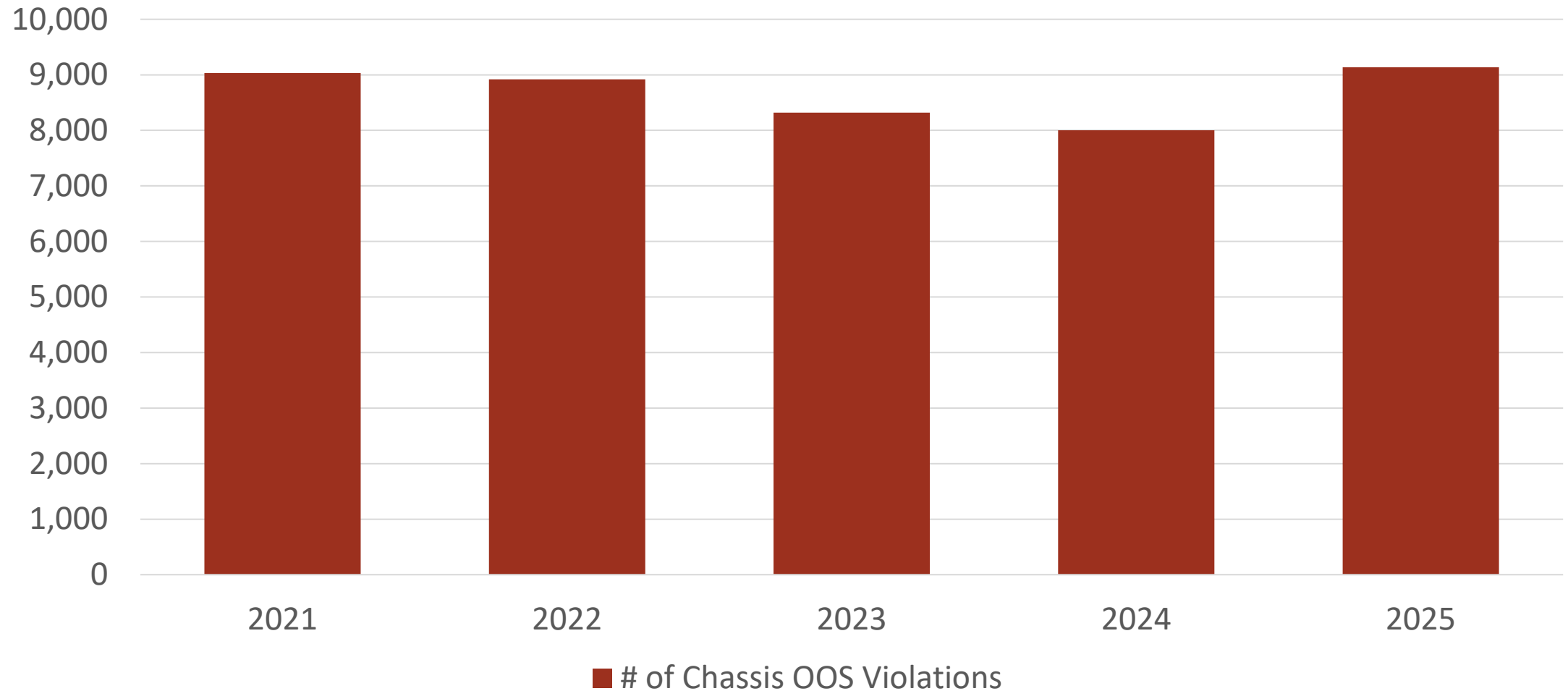
Level 1, Level 2, & Level 5: 2025

Level 1, Level 2, & Level 5: 2025



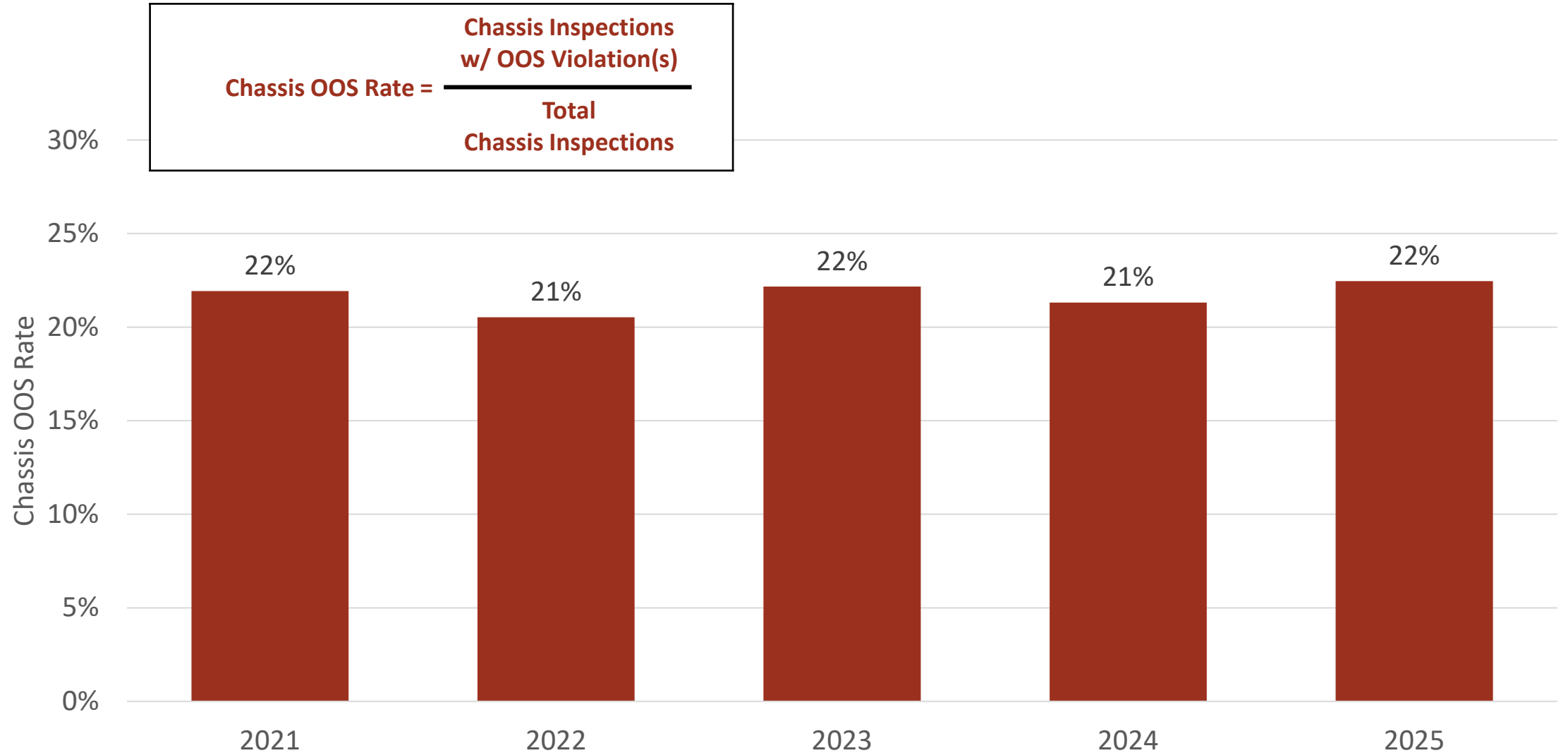
Chassis Inspections with OOS Violations

Level 1, Level 2, & Level 5 Inspections



Chassis OOS Violation Rates

Level 1, Level 2, & Level 5 Inspections



Chassis Inspections vs. OOS Rates

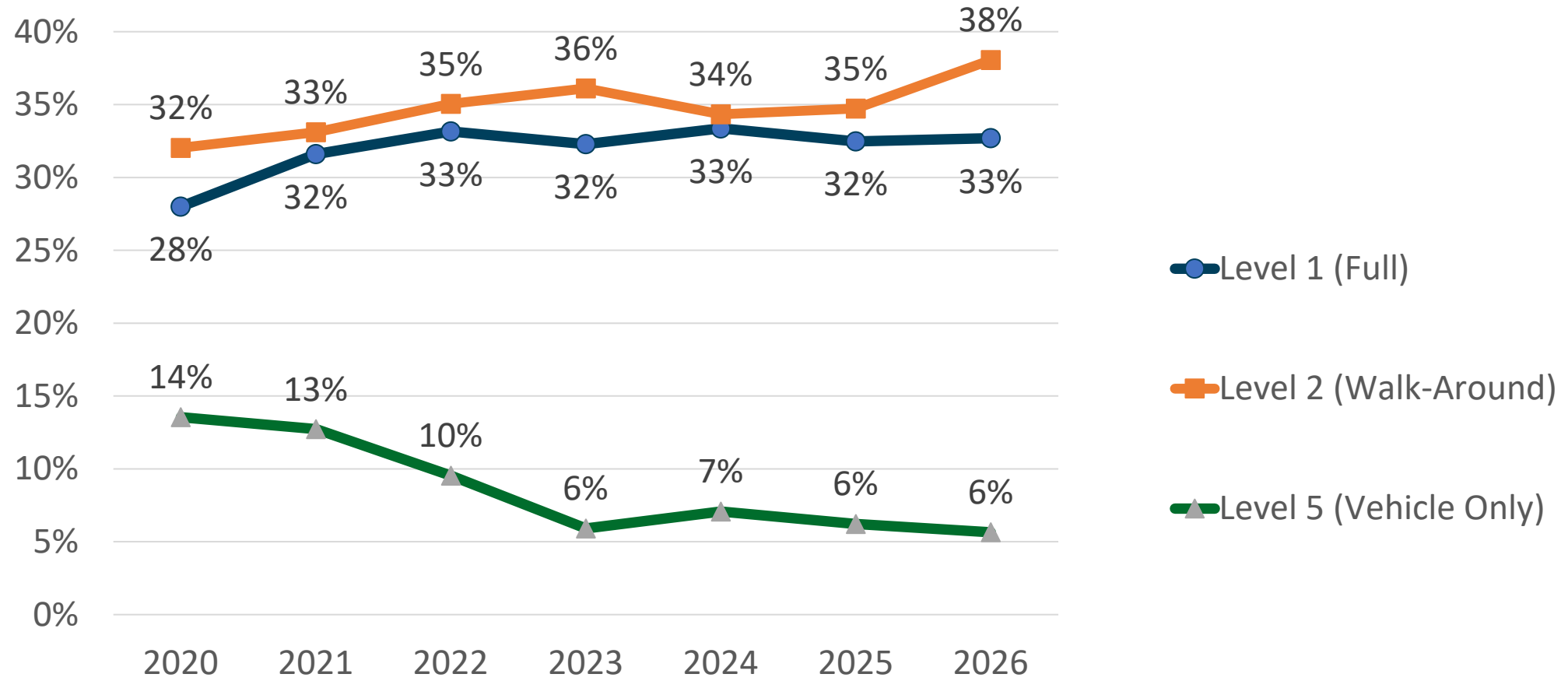
State	2025 Inspections	% of Total	Chassis OOS Rate
CA	17,678	43%	15%
TX	5,422	13%	29%
MD	1,495	4%	27%
WA	1,369	3%	38%
VA	1,315	3%	10%
NY	1,192	3%	17%
AL	1,125	3%	18%
SC	1,059	3%	34%
IN	788	2%	25%
WI	661	2%	33%

Top 10 Jurisdictions with Highest Chassis OOS Rates

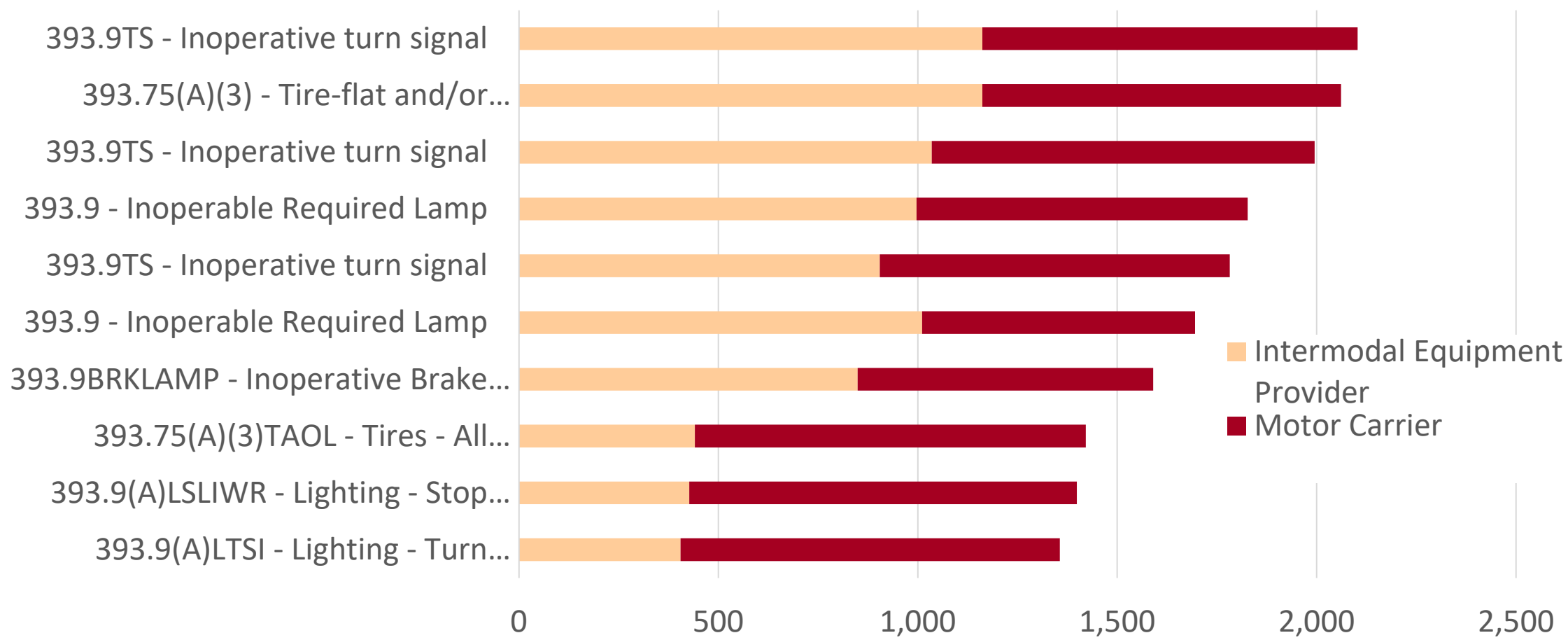
State	Inspection Total	OOS Rate
AR	257	45.1%
MO	497	42.9%
CT	371	41.0%
TN	474	40.7%
PA	614	40.4%
UT	142	39.4%
WA	1,369	38.0%
GA	447	36.5%
SC	1,059	34.0%
WI	661	33.0%

* Jurisdictions with a minimum of 100 total inspections

Chassis OOS Rates by Inspection Level

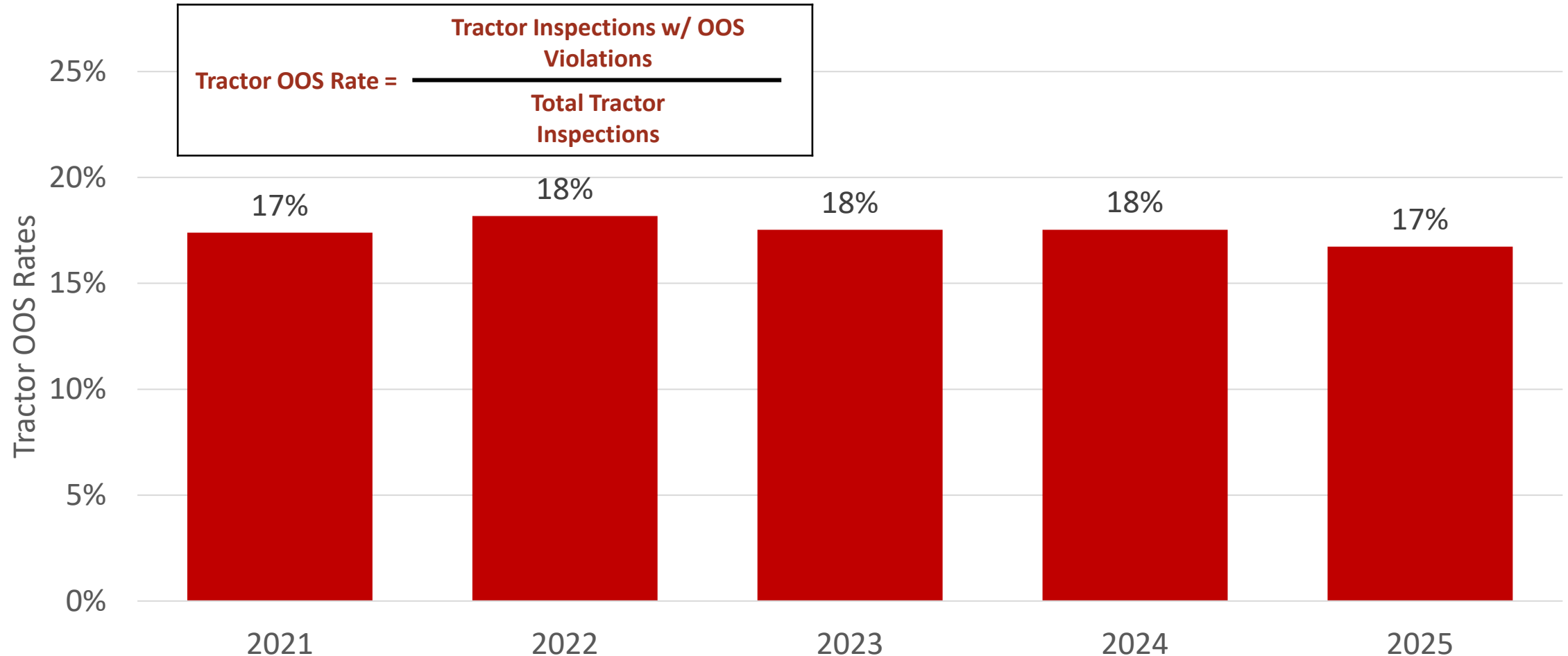


Top 10 Chassis OOS Violations

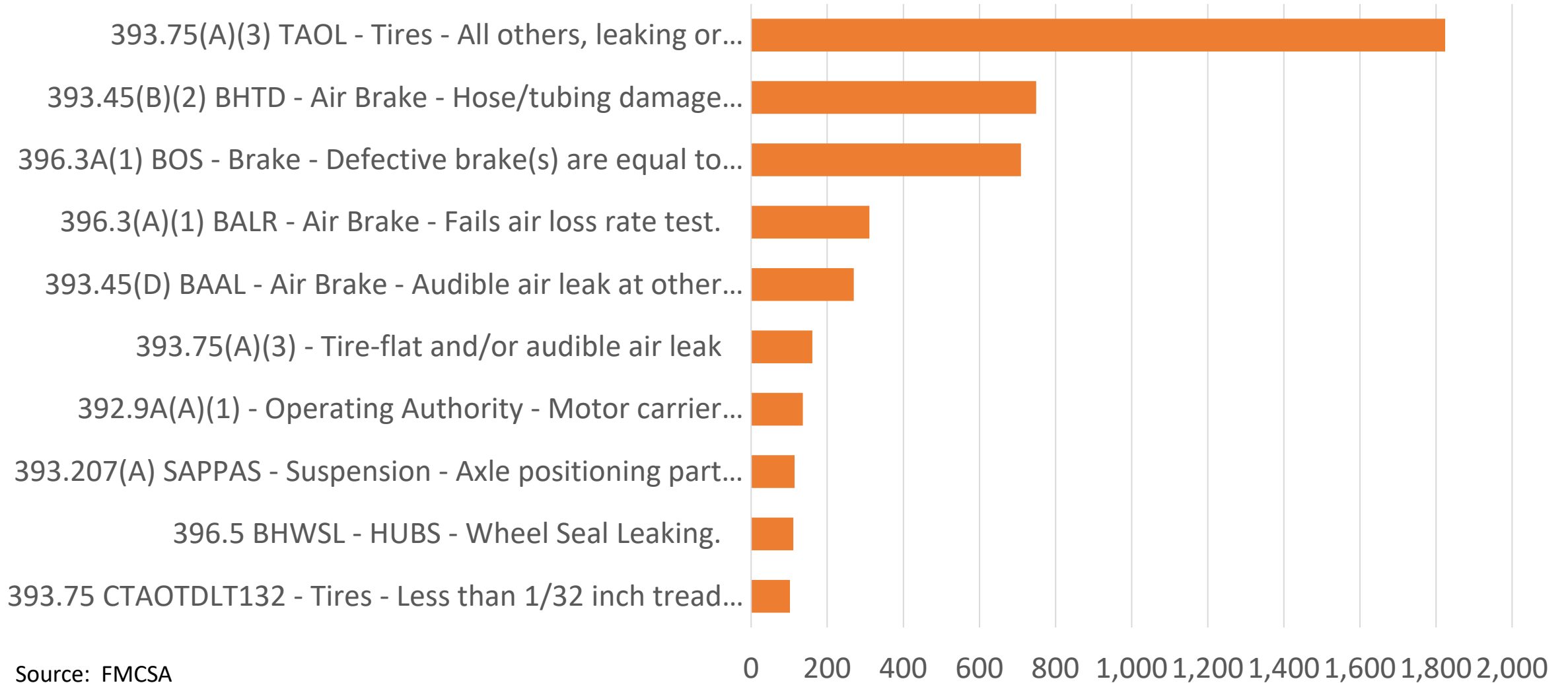


Tractor OOS Violation Rates

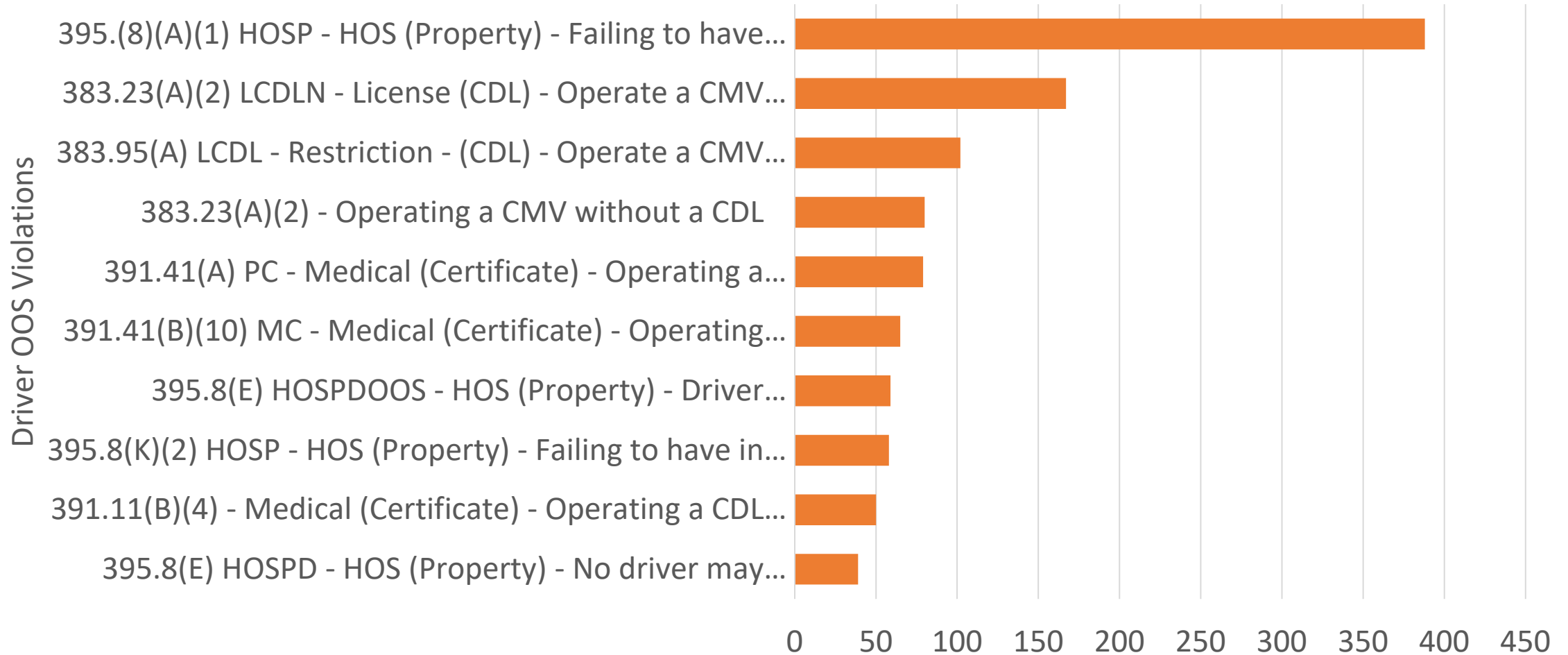
Level 1, Level 2, & Level 5 Inspections involving Intermodal Chassis



Top 10 Tractor OOS Violations

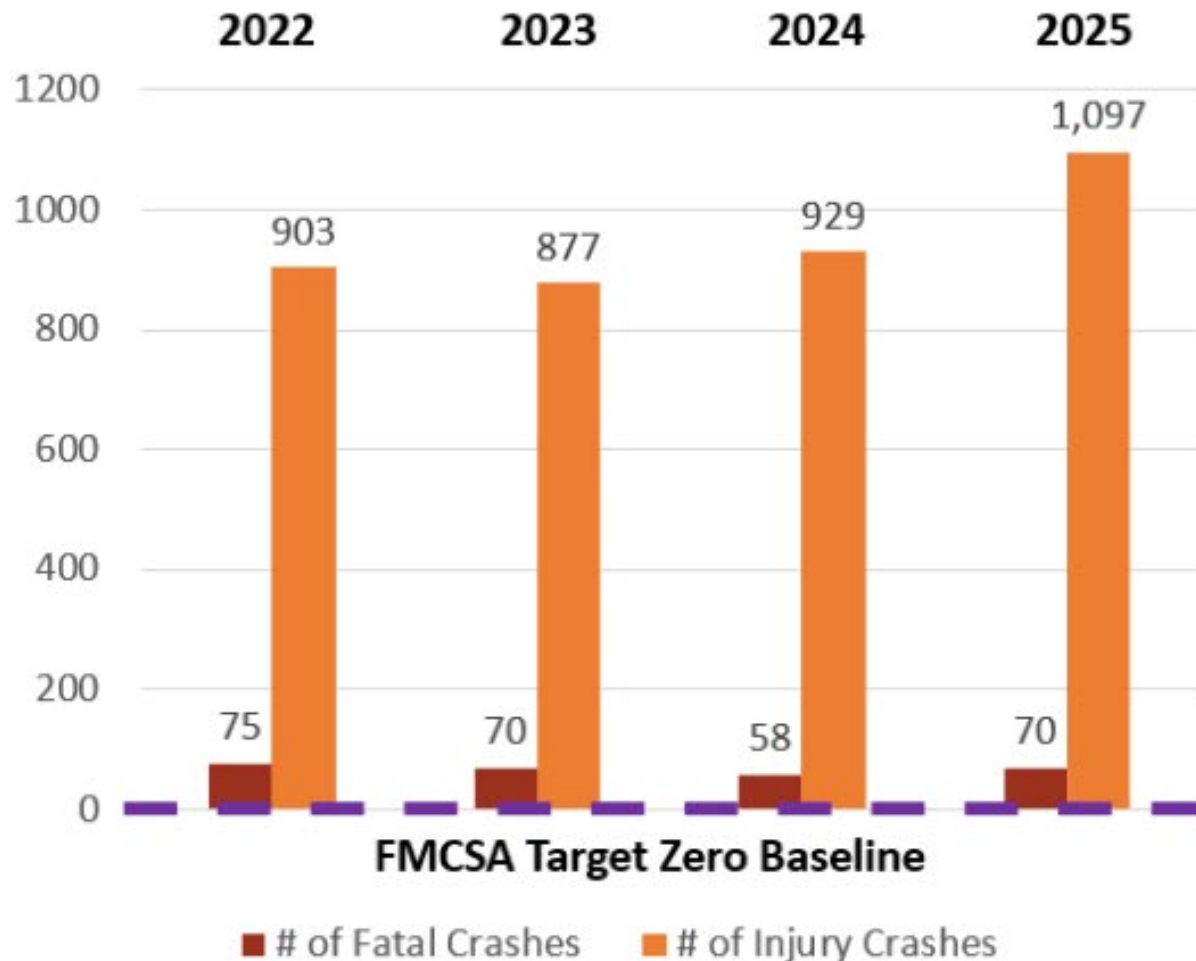


Top 10 Driver OOS Violations

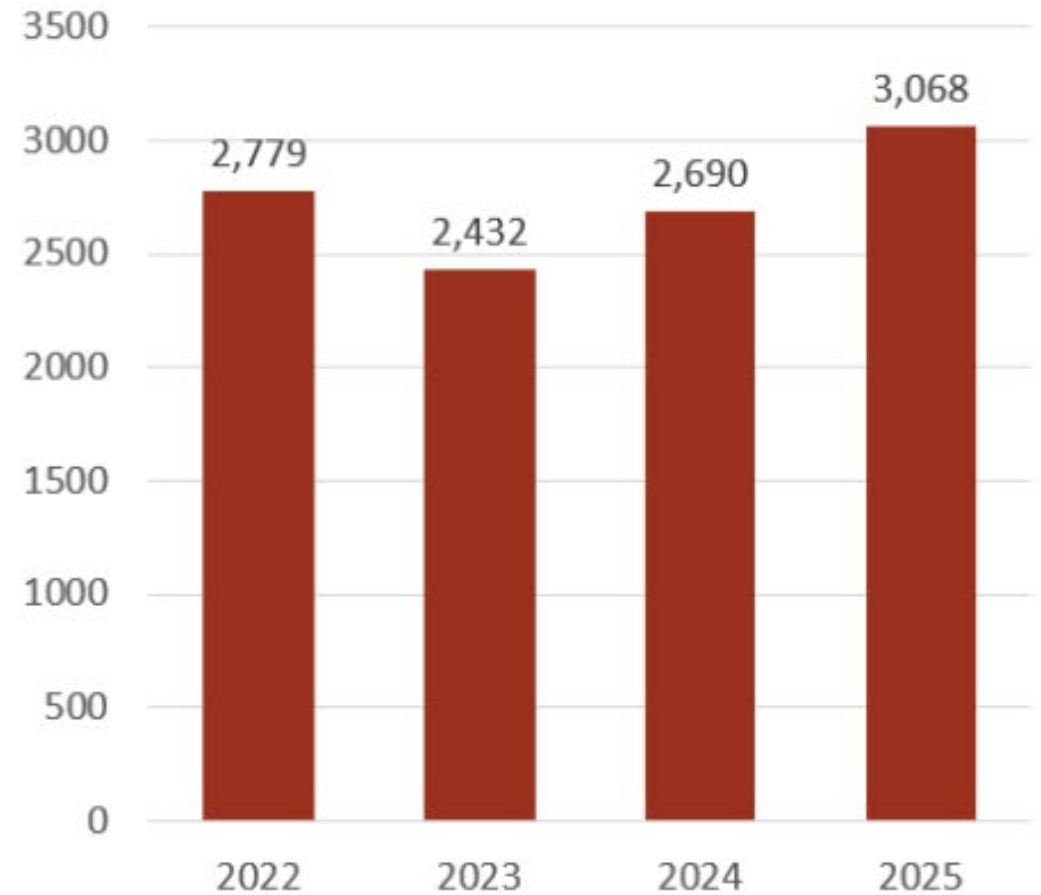


Target Zero Fatalities: Chassis-Involved Crashes

Crashes Involving Fatality or Injury



Number of FMCSA Reportable Crashes



Source: FMCSA

Note: Data includes only reportable crashes involving a **fatality**, an **injury treated away from the scene**, or **disabling damage requiring a tow**.



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U.S. Department
of Transportation

**Federal Motor
Carrier Safety
Administration**





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New Business



Potential Working Groups

IANA Resource Library Review

Committee Outputs

Intermodal Recommended Practices

Workforce Development

Recruitment, Retention

Training Pathways

Artificial Intelligence Working Group

Update at today's 11:30 OPS

Committee Meeting

Items from the Floor



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Maintenance & Repair Educational Session

What the Data Tells Us: Emerging Inspection & Enforcement Trends

Moderator:
Chris O’Hea, MEDLOG USA

Panelists:
Kerri Wirachowsky, CVSA
Chris Munsell, DCLI
Mark Smith, FYX Fleet Roadside Assistance
Steven Wagner, IMC Logistics





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**Next Meeting:
Intermodal Business Meeting
Denver, CO
May 3 – 5, 2027**



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Adjourn



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Final Message Attending OPS & SSC & AI Working Group update



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Thank you for joining us!

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