

## Department of Transportation and Public Facilities - FY2024 Violation Severity Spreadsheet

| Federal Violation Code | Violation Severity Rate | Violation Description  | OOS Violation Count | Violation Type   |
|------------------------|-------------------------|--|---------------------|--|
| 393.75A3               | 8                       | Tire-flat and/or audible air leak                                  | 150                 | Miscellaneous Parts & Accessories - Tires  |
| 396.3A1BOS             | 4                       | BRAKES OUT OF SERVICE: The number of defective brakes is           | 86                  | Inspection, Repair, and Maintenance  |
| 393.9BRKLAMP           | 2                       | Inoperative Brake Lamps  | 81                  | Lamps, Reflective Devices, and Electrical Wiring   |
| 393.9TS                | 6                       | Inoperative turn signal  | 71                  | Lamps, Reflective Devices, and Electrical Wiring   |
| 393.41                 | 4                       | No or defective parking brake system on CMV                        | 46                  | Brakes   |
| 393.43                 | 4                       | No/improper breakaway or emergency braking                         | 36                  | Brakes   |
| 393.9                  | 2                       | Inoperable Required Lamp   | 30                  | Lamps, Reflective Devices, and Electrical Wiring   |
| 396.3A1-TC             | 8                       | Tire in contact with another part of the vehicle                   | 29                  | Inspection, Repair, and Maintenance  |
| 393.207A               | 7                       | Axle positioning parts defective/missing                           | 29                  | Frames, Cab and Body Components, Wheels, Steering and Suspension Systems - Suspension System                                       |
| 393.75A3-TAOL          | 8                       | Tires - All others, leaking or inflation 50% or less than of the n | 25                  | Miscellaneous Parts & Accessories - Tires  |
| 396.3A1-BOS            | 4                       | Brake - Defective brake(s) are equal to or greater than 20% of     | 25                  | Inspection, Repair, and Maintenance  |
| 393.100B               | 7                       | Leaking/spilling/blowing/falling cargo                             | 22                  | Protection Against Shifting and Falling Cargo  |
| 396.3A1DSUJ            | 2                       | Universal Joint with Loose, Broken, or Missing Component, or       | 21                  | Inspection, Repair, and Maintenance  |
| 393.209D               | 6                       | Steering system components worn, welded, or missing                | 19                  | Frames, Cab and Body Components, Wheels, Steering and Suspension Systems - Steering wheel systems                                  |
| 392.9A2                | 1                       | Failing to secure vehicle equipment                                | 19                  | General - Inspection of cargo, cargo securement devices and systems  |
| 396.5A-HNLOW           | 2                       | Hubs - No visible or measurable lubricant showing in the hub       | 17                  | Inspection, Repair, and Maintenance - Lubrication  |
| 393.48A                | 4                       | Inoperative/defective brakes                                       | 15                  | Brakes   |
| 393.47A                | 4                       | Inadequate brakes for safe stopping - Brake Lining condition       | 14                  | Brakes   |
| 393.51                 | 4                       | No or defective brake warning device or pressure gauge             | 13                  | Brakes   |
| 393.43D                | 4                       | No or defective automatic trailer brake                            | 13                  | Brakes   |
| 396.3A1BL              | 4                       | Brake system pressure loss   | 13                  | Inspection, Repair, and Maintenance  |
| 393.75A1               | 8                       | Tire-ply or belt material exposed                                  | 12                  | Miscellaneous Parts & Accessories - Tires  |
| 393.9T                 | 6                       | Inoperable tail lamp   | 12                  | Lamps, Reflective Devices, and Electrical Wiring   |
| 393.43A                | 4                       | No/improper tractor protection valve                               | 12                  | Brakes   |
| 393.45B2UV             | 4                       | Brake Hose or Tubing Chafing and/or Kinking Under Vehicle          | 12                  | Brakes   |
| 396.3A1-LLEAK          | 3                       | A liquid fuel system with a dripping leak at any point             | 12                  | Inspection, Repair, and Maintenance  |
| 393.45D                | 4                       | Brake connections with leaks or constrictions                      | 11                  | Brakes   |
| 393.100C               | 1                       | Failure to prevent cargo shifting                                  | 11                  | Protection Against Shifting and Falling Cargo  |
| 393.45B2               | 4                       | Brake hose or tubing chafing and/or kinking                        | 10                  | Brakes   |
| 393.9A-LSLIWR          | 2                       | Lighting - Stop lamps - Both inoperative when required to be c     | 10                  | Lamps, Reflective Devices, and Electrical Wiring   |
| 393.110B               | 3                       | Insufficient tiedowns to prevent forward movement for load n       | 9                   | Protection Against Shifting and Falling Cargo  |
| 393.205C               | 2                       | Wheel fasteners loose and/or missing                               | 9                   | Frames, Cab and Body Components, Wheels, Steering and Suspension Systems - Wheels  |
| 393.75A                | 8                       | Flat tire or fabric exposed  | 8                   | Miscellaneous Parts & Accessories - Tires  |
| 393.207C               | 7                       | Leaf spring assembly defective/missing                             | 8                   | Frames, Cab and Body Components, Wheels, Steering and Suspension Systems - Suspension System                                       |
| 393.9A-LTSI            | 6                       | Lighting - Turn signal - Any inoperative on the rearmost vehicl    | 8                   | Lamps, Reflective Devices, and Electrical Wiring   |
| 393.45B2PC             | 4                       | Brake Hose or Tubing Chafing and/or Kinking - Connection to        | 8                   | Brakes   |
| 173.24B1               | 10                      | Release of HM from package   | 7                   | HazMat - Preparation of Hazardous Materials for Transportation - General Requirements of Packaging and Packages                    |
| 393.41-BNPB            | 4                       | Brake - Inoperative or missing parking brake on power unit         | 7                   | Brakes   |
| 393.45UV               | 4                       | Brake Tubing and Hose Adequacy Under Vehicle                       | 7                   | Brakes   |
| 396.3A1-BALR           | 4                       | Air Brake - Fails air loss rate test                               | 7                   | Inspection, Repair, and Maintenance  |
| 177.817A               | 3                       | No or improper shipping papers (carrier)                           | 7                   | HazMat - General Information and Regulations - Movement of Motor Vehicles in Emergency Situations                                  |
| 393.75G-LOAD           | 3                       | Weight carried exceeds tire load limit                             | 7                   | Miscellaneous Parts & Accessories - Tires  |
| 396.5B-HLIW            | 2                       | Hubs - Oil and/or Grease Leaking from hub - inner wheel            | 7                   | Inspection, Repair, and Maintenance - Lubrication  |
| 392.9A                 | 1                       | Failing to secure load   | 7                   | General - Inspection of cargo, cargo securement devices and systems  |
| 396.3A1T               | 8                       | Tires (general)  | 6                   | Inspection, Repair, and Maintenance  |
| 177.823A               | 5                       | No placards/markings when required                                 | 6                   | HazMat - General Information and Regulations - Shipping Papers   |
| 393.23PT               | 2                       | All required lamps on towed vehicle inoperative due to no ele      | 6                   | Lamps, Reflective Devices, and Electrical Wiring   |
| 393.75A2               | 8                       | Tire-tread and/or sidewall separation                              | 5                   | Miscellaneous Parts & Accessories - Tires  |
| 393.75C                | 8                       | Tire-other tread depth less than 2/32 of inch                      | 5                   | Miscellaneous Parts & Accessories - Tires  |
| 393.130B               | 7                       | Item not properly prepared for transport                           | 5                   | Specific Securement Requirements by Commodity Type - Specific securement requirements for heavy vehicles, equipment, and machinery |
| 393.106C1              | 3                       | No means to prevent cargo from rolling                             | 5                   | Protection Against Shifting and Falling Cargo  |
| 396.3A1-HC             | 2                       | Hubs - Hub cap missing or broken                                   | 5                   | Inspection, Repair, and Maintenance  |
| 396.3A1-LC             | 2                       | Brake - Leak from air chamber                                      | 5                   | Inspection, Repair, and Maintenance  |
| 396.5B-HLOW            | 2                       | Hubs - oil and/or Grease Leaking from hub - outer wheel            | 5                   | Inspection, Repair, and Maintenance - Lubrication  |
| 393.100B-C             | 7                       | Cargo - Cargo not secured to prevent leaking/spilling/blowing      | 4                   | Protection Against Shifting and Falling Cargo  |
| 393.51C-BLPW           | 4                       | Air Brake - Low pressure warning device missing/inoperative        | 4                   | Brakes   |
| 393.201A               | 2                       | Frame cracked / loose / sagging / broken                           | 4                   | Frames, Cab and Body Components, Wheels, Steering and Suspension Systems - Frames  |
| 392.9A2-C              | 1                       | Cargo - Vehicle components or dunnage not secured                  | 4                   | General - Inspection of cargo, cargo securement devices and systems  |
| 177.834A               | 10                      | Package not secure in vehicle                                      | 3                   | HazMat - Loading and Unloading - General Requirements  |
| 393.75A3-TFL           | 8                       | Tires - Front, leaking or inflation 50% or less than of the maxir  | 3                   | Miscellaneous Parts & Accessories - Tires  |
| 396.3A1-TFCV           | 8                       | Tires - Front, in contact with a part of the vehicle               | 3                   | Inspection, Repair, and Maintenance  |

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| 393.207A-STCB       | 7  | Suspension - Suspension connecting rod or tracking compon        | 3 Frames, Cab and Body Components, Wheels, Steering and Suspension Systems - Suspension System                                       |
| 177.834J            | 4  | Manholes and valves not closed or leak free                      | 3 HazMat - Loading and Unloading - General Requirements  |
| 393.45A-AJS         | 4  | Air Brake tubing improperly joined or spliced                    | 3 Brakes   |
| 393.11              | 3  | No or defective lighting devices or reflective material as requi | 3 Lamps, Reflective Devices, and Electrical Wiring   |
| 396.7               | 3  | Unsafe operations forbidden                                      | 3 Inspection, Repair, and Maintenance - Unsafe Operations Forbidden  |
| 393.75G-TFWETL      | 3  | Tires - Front, weight carried exceeds tire load limit            | 3 Miscellaneous Parts & Accessories - Tires  |
| 396.5A              | 3  | Failing to ensure that vehicle is properly lubricated            | 3 Inspection, Repair, and Maintenance - Lubrication  |
| 396.3A1DSYE         | 2  | Drive Shaft Yoke Ends Cracked / Loose / Broken / Missing         | 3 Inspection, Repair, and Maintenance  |
| 396.5B-HWSLIW       | 2  | Hubs - Wheel seal leaking - inner wheel                          | 3 Inspection, Repair, and Maintenance - Lubrication  |
| 393.13              | 1  | No/improper heavy vehicle/machine securement                     | 3 Lamps, Reflective Devices, and Electrical Wiring   |
| 392.9A1             | 1  | Failing to secure cargo as specified in 49 CFR 393.100 throug    | 3 General - Inspection of cargo, cargo securement devices and systems  |
| 393.100A            | 1  | No or improper load securement                                   | 3 Protection Against Shifting and Falling Cargo  |
| 393.130C-CHVE       | 1  | Heavy Vehicles/Equipment - Improper securement of heavy v        | 3 Specific Securement Requirements by Commodity Type - Specific securement requirements for heavy vehicles, equipment, and machinery |
| 393.75C-OOS         | 8  | Tire-other tread depth less than 1/32 of inch measured in 2 a    | 2 Miscellaneous Parts & Accessories - Tires  |
| 393.207A-SUBL       | 7  | Suspension - U-bolt or other axle clamp bolt loose/cracked/b     | 2 Frames, Cab and Body Components, Wheels, Steering and Suspension Systems - Suspension System                                       |
| 393.207F            | 7  | Air suspension pressure loss                                     | 2 Frames, Cab and Body Components, Wheels, Steering and Suspension Systems - Suspension System                                       |
| 393.17              | 6  | No/defective lamp/reflector-towaway operation                    | 2 Lamps, Reflective Devices, and Electrical Wiring   |
| 393.209B            | 6  | Excessive steering wheel lash                                    | 2 Frames, Cab and Body Components, Wheels, Steering and Suspension Systems - Steering wheel systems                                  |
| 393.9H              | 6  | Inoperable head lamps  | 2 Lamps, Reflective Devices, and Electrical Wiring   |
| 393.43DBMA          | 4  | Brake - Breakaway not attached to the towing vehicle             | 2 Brakes   |
| 393.45A-HBL         | 4  | Hydraulic Brake - leaking on application                         | 2 Brakes   |
| 393.45B2-B-AIR      | 4  | Air Brake - Hose/tubing damaged or not secured                   | 2 Brakes   |
| 393.45D-BAAL        | 4  | Air Brake - Audible air leak at other than a proper connection   | 2 Brakes   |
| 393.45DLPC          | 4  | Brake Connections with Leaks - Connection to Power Unit          | 2 Brakes   |
| 393.45DLUV          | 4  | Brake Connections with Leaks Under Vehicle                       | 2 Brakes   |
| 393.47B             | 4  | Mis-matched brake chambers on same axle                          | 2 Brakes   |
| 393.47D             | 4  | All Brakes - Insufficient brake lining thickness                 | 2 Brakes   |
| 393.48A-BCM         | 4  | Brakes - Hydraulic Brake Caliper movement exceeds 1/8" (0.       | 2 Brakes   |
| 393.48A-BI-SA       | 4  | Brake - Inoperative on a steering axle                           | 2 Brakes   |
| 393.48A-BMBC        | 4  | All Brakes - Missing or Broken Components including Pad Ret      | 2 Brakes   |
| 393.102A1II         | 3  | Insufficient means to prevent rearward movement                  | 2 Protection Against Shifting and Falling Cargo  |
| 393.104F3           | 3  | Loose or unfastened tiedown                                      | 2 Protection Against Shifting and Falling Cargo  |
| 393.110C            | 3  | Insufficient tiedowns for an article blocked with a headerboa    | 2 Protection Against Shifting and Falling Cargo  |
| 393.70B1I-RW        | 3  | Fifth Wheel repair weld is cracked                               | 2 Coupling Devices and Towing Methods  |
| 393.70D             | 3  | No or improper safety chains or cables for full trailer          | 2 Coupling Devices and Towing Methods  |
| 393.23              | 2  | Required lamp not powered by vehicle electric                    | 2 Lamps, Reflective Devices, and Electrical Wiring   |
| 393.23-LEU          | 2  | Lighting - All electrical systems on towed vehicle(s) inoperati  | 2 Lamps, Reflective Devices, and Electrical Wiring   |
| 396.3A1-EC          | 2  | Bus - Electrical Mountings broken or unsecured                   | 2 Inspection, Repair, and Maintenance  |
| 396.5B-HWSL         | 2  | Hubs - Wheel seal leaking  | 2 Inspection, Repair, and Maintenance - Lubrication  |
| 393.110             | 1  | Failing to meet minimum tiedown requirements                     | 2 Protection Against Shifting and Falling Cargo  |
| 393.128             | 1  | No/improper securement of vehicles                               | 2 Specific Securement Requirements by Commodity Type - Specific securement requirements for automobiles, light trucks, and vans.     |
| 173.24B             | 10 | Failed to meet general package requirements                      | 1 HazMat - Preparation of Hazardous Materials for Transportation - General Requirements of Packaging and Packages                    |
| 173.24C             | 10 | Packaging not authorized by the Hazardous Materials Regulat      | 1 HazMat - Preparation of Hazardous Materials for Transportation - General Requirements of Packaging and Packages                    |
| 393.75B-OOS         | 8  | Tire-front tread depth less than 2/32 of inch on a major tread.  | 1 Miscellaneous Parts & Accessories - Tires  |
| 393.136B            | 7  | Improper placement/positioning for boulder                       | 1 Specific Securement Requirements by Commodity Type - Specific securement requirements for large boulders.                          |
| 393.207A-SAPPAS     | 7  | Suspension - Axle positioning part cracked/broken/loose/mis      | 1 Frames, Cab and Body Components, Wheels, Steering and Suspension Systems - Suspension System                                       |
| 393.207A-STBW       | 7  | Suspension - Suspension connecting rod or tracking compon        | 1 Frames, Cab and Body Components, Wheels, Steering and Suspension Systems - Suspension System                                       |
| 393.17B             | 6  | No/defective towaway lamps on rear unit                          | 1 Lamps, Reflective Devices, and Electrical Wiring   |
| 393.209D-STPAL      | 6  | Steering - Pitman arm loose on the output shaft                  | 1 Frames, Cab and Body Components, Wheels, Steering and Suspension Systems - Steering wheel systems                                  |
| 393.9B-LRLOWR       | 6  | Lighting - Tail lamp - Both lamps on rearmost vehicle obscure    | 1 Lamps, Reflective Devices, and Electrical Wiring   |
| 172.303A            | 5  | Prohibited HM marking on package                                 | 1 HazMat - Markings  |
| 172.332A            | 5  | Failure to display ID Numbers when required                      | 1 HazMat - Markings  |
| 172.502A1           | 5  | Prohibited placarding  | 1 HazMat - Placarding  |
| 172.504A            | 5  | Vehicle not placarded as required                                | 1 HazMat - Placarding  |
| 177.823A-HMPMCNP50% | 5  | HM (Placarding) - 50% or more of the required placards for a l   | 1 HazMat - General Information and Regulations - Shipping Papers   |
| 393.42              | 4  | No brakes as required - Explain:                                 | 1 Brakes   |
| 393.43A-TPV         | 4  | Air Brake - Inoperable or missing tractor protection valve       | 1 Brakes   |
| 393.43D-B           | 4  | Brake - Missing or inoperable breakaway braking system on a      | 1 Brakes   |
| 393.45A-BHTIJ       | 4  | Air Brake - Improperly joined such as a splice made by sliding   | 1 Brakes   |
| 393.45PC            | 4  | Brake Tubing and Hose Adequacy - Connections to Power Uni        | 1 Brakes   |
| 393.47A-BCFSBD-SA   | 4  | Drum Brake - Contaminated friction surface on a steering axl     | 1 Brakes   |
| 393.47B-BMBCBD-SA   | 4  | Drum Brake - Mismatched brake chamber sizes on a steering        | 1 Brakes   |

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| 393.48A-BCMHE-SA | 4 | Hydraulic/Electric Brake - Hydraulic brake caliper movement          | 1 Brakes  |
| 393.48A-BRMMC    | 4 | Brakes - Rotor (disc) metal-to-metal contact                         | 1 Brakes  |
| 396.3A1-AR       | 4 | Brake - Defective Air Reservoir                                      | 1 Inspection, Repair, and Maintenance   |
| 396.3A1B         | 4 | Brakes (general) Explain:  | 1 Inspection, Repair, and Maintenance   |
| 396.3A1BC        | 4 | Brake-air compressor violation                                       | 1 Inspection, Repair, and Maintenance   |
| 396.3A1-MCF      | 4 | Brakes - Hydraulic Fluid level in Master Cylinder low                | 1 Inspection, Repair, and Maintenance   |
| 172.200A         | 3 | No shipping paper provided by offeror                                | 1 HazMat - Shipping Papers  |
| 393.102B         | 3 | Insufficient means to prevent vertical movement                      | 1 Protection Against Shifting and Falling Cargo   |
| 393.106B         | 3 | Cargo not immobilized or secured                                     | 1 Protection Against Shifting and Falling Cargo   |
| 393.106C2        | 3 | Cargo without direct contact not prevented from shifting while       | 1 Protection Against Shifting and Falling Cargo   |
| 393.70B1I        | 3 | Defective latching fasteners - Fasteners on either side of the       | 1 Coupling Devices and Towing Methods   |
| 393.70D8         | 3 | Improper safety chain attachment                                     | 1 Coupling Devices and Towing Methods   |
| 393.70D-CDTSDNS  | 3 | Coupling - Full Trailer, safety devices not attached/not able to     | 1 Coupling Devices and Towing Methods   |
| 393.75H          | 3 | Under inflated tire  | 1 Miscellaneous Parts & Accessories - Tires   |
| 393.205C-WR      | 2 | Wheel/Rim - Wheel fasteners loose/missing/ineffective/broken         | 1 Frames, Cab and Body Components, Wheels, Steering and Suspension Systems - Wheels                               |
| 396.3A1-CDST     | 2 | Defective coupling devices for semi-trailer.                         | 1 Inspection, Repair, and Maintenance   |
| 396.3A1-DLDSCBB  | 2 | Driveline/Driveshaft - Any broken or loose center bearing bracket    | 1 Inspection, Repair, and Maintenance   |
| 396.3A1-STLN     | 2 | Steering - Loose nuts on tie rods/pitman arm/drag link/steering      | 1 Inspection, Repair, and Maintenance   |
| 396.3A1-TRDL     | 2 | Tie Rods / Drag Links - Defective Clamps / Holes / Missing nut       | 1 Lamps, Reflective Devices, and Electrical Wiring  |
| 396.5A-HNL       | 2 | Hubs - No visible or measurable lubricant showing in the hub         | 1 Inspection, Repair, and Maintenance - Lubrication   |
| 396.5B-HWSLOW    | 2 | Hubs - Wheel seal leaking - outer wheel                              | 1 Inspection, Repair, and Maintenance - Lubrication   |
| 396.5-HL         | 2 | Hubs - Leaking hub   | 1 Inspection, Repair, and Maintenance - Lubrication   |
| 392.2            | 1 | Violation of Local Laws - Explain                                    | 1 General - Applicable operation rules  |
| 392.9            | 1 | Driver may not operate a CMV without proper load securement          | 1 General - Inspection of cargo, cargo securement devices and systems   |
| 393.126B         | 1 | Damaged or Missing tiedown or securement device for intermodal       | 1 Specific Securement Requirements by Commodity Type - Specific securement requirements for intermodal containers |
| 393.62E          | 1 | No or inadequate bus emergency exit marking                          | 1 Glazing and Window Construction   |
| 393.67C7         | 1 | Fuel tank fill pipe cap missing                                      | 1 Glazing and Window Construction   |
| 393.83G          | 1 | Exhaust leak under driver and/or sleeper compartment                 | 1 Miscellaneous Parts & Accessories - Warning Flags on Projecting Loads   |
| 393.87A-FPLR     | 1 | Flag - Required rear flag - no flag on the rear of a projecting load | 1 Miscellaneous Parts & Accessories - Exhaust Systems   |