



International Roadcheck 2022 Results

October 2022

Nearly one out of five commercial motor vehicles were placed out of service during the International Roadcheck commercial motor vehicle inspection and enforcement initiative, conducted by the Commercial Vehicle Safety Alliance last May. During the three-day initiative, CVSA-certified inspectors conducted 59,026 inspections and placed 12,456 commercial motor vehicles and 3,714 commercial motor vehicle drivers out of service.

A commercial motor vehicle is placed out of service when an inspector finds critical vehicle inspection out-of-service violations, which are outlined in CVSA's North American Standard Out-of-Service Criteria, during a roadside inspection. Being placed out of service means the driver or vehicle is prohibited from operation for a specified period or until the violation is corrected.

The results of the inspection are illuminating because the violations provide a roadmap for drivers to understand what problems they may face during a roadside inspection. Many of these violations could be avoided during a thorough pre-trip inspection.

This also means 77.2% of the vehicles and 93.6% of the drivers inspected did not have out-of-service violations. After an inspection, vehicles that do not have any critical vehicle inspection item violations are eligible to receive a CVSA decal. This visual indicator signals to inspectors that the vehicle has passed inspection. The decal, valid for up to three consecutive months after inspection, were placed on 10,135 power units and 3,876 trailers.

All Inspection Levels

On May 17-19, inspectors conducted a total of 58,287 North American Standard Inspections, which consisted of:

- 36,555 Level I Inspections – This 37-step process checks the driver's operating credentials and requirements and the vehicle's mechanical fitness and regulatory compliance.
- 12,411 Level II Inspections – This inspection involves reviewing the driver's operating credentials and requirements and includes only vehicle inspection items that can be inspected without the inspector physically getting under the vehicle.
- 8,171 Level III Inspections – This is the driver credentials and operating requirements inspection.
- 1,150 Level V Inspections – This inspection involves vehicle inspection items and may be conducted without a driver present, at any location.

Level I Inspections

During International Roadcheck, inspectors in Canada and the U.S. primarily conduct the Level I Inspection. This is a comprehensive 37-step inspection process that involves thorough inspection of the vehicle (including underneath the vehicle) and the driver's operating credentials.

- Of the 36,555 Level I Inspections conducted in Canada and the U.S., 23.7% of the vehicles inspected (8,672) were placed out of service and 6.1% (2,242) of drivers were placed out of service.
- In the U.S., of the 33,196 Level I Inspections were conducted, 7,912 commercial motor vehicles (23.8%) and 2,051 drivers (6.2%) were placed out of service.
- In Canada, of the 3,359 Level I Inspections were conducted, 760 commercial motor vehicles (22.6%) and 191 (5.7%) drivers were placed out of service.

Level V Inspections

For International Roadcheck, inspectors in Mexico conducted 1,150 Level V Inspections. The Level V Inspection includes each of the vehicle inspection items specified under the North American Standard Level I Inspection and may be conducted without a driver present, at any location. Thirty-six commercial motor vehicles were placed out of service, which is a 3.1% out-of-service rate.

Top Five Vehicle Out-of-Service Violations – U.S.

Violation Category	# of OOS Vehicle Violations	% of OOS Vehicle Violations
Brake Systems	3,992	24.0%
Tires	3,227	19.4%
Defective Service Brakes	2,142	12.9%
Lights	2,084	12.5%
Cargo Securement	1,647	9.9%

Top Five Driver Out-of-Service Violations – U.S.

Violation Category	# of OOS Driver Violations	% of OOS Driver Violations
False Logs	1,901	45.0%
Wrong Class License	1,045	24.7%
Suspended License	251	5.9%
No Medical Card	222	5.3%
Other	205	4.9%

Hazardous Materials/Dangerous Goods OOS Violations – U.S.

Violation Category	# of OOS HM/DG Violations	% of OOS HM/DG Violations
Loading	91	40.4%
Placards	48	21.3%
Package Integrity	35	15.6%
Shipping Papers	31	13.8%
Other HM	14	6.2%

Focus Area – Wheel Ends

Each year, CVSA highlights a certain aspect of the roadside inspection. This year, the focus was on wheel ends. Out of the top 10 vehicle out-of-service violations, tires ranked second and wheels came in seventh. Of the 18,213 total vehicle out-of-service violations, there were 3,374 tire out-of-service violations, accounting for 18.5% of all vehicle out-of-service violations. And there were 784 wheel out-of-service violations, which is 4.3% of all vehicle out-of-service violations. Combined, wheel end (tire and wheel) violations accounted for 22.8% of all out-of-service vehicle violations throughout North America.

Seatbelt Usage

Last year, there were more than 50,000 “failure to use a seatbelt while operating a commercial motor vehicle” driver violations, according to the U.S. Federal Motor Carrier Safety Administration’s (FMCSA) Motor Carrier Management Information System. It was the fourth most-cited driver violation in 2021, accounting for 4.99% of the total number of driver violations. During the three days of International Roadcheck, inspectors checked safety belt usage during inspections and identified 472 seatbelt violations.