



Commercial Vehicle Safety Alliance

**NTSF Annual Meeting
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Hazardous Materials Programs**

SÉCURITÉ
SEGURIDAD
SAFETY *Is What We Do Everyday*

Level VI Data Report

- The Commercial Vehicle Safety Alliance (CVSA), is a nonprofit organization of federal, state, and provincial government agencies and representatives from private industry in the United States, Canada and Mexico.
- CVSA is dedicated to improving commercial vehicle safety.
- The Alliance is comprised of all 50 states, two U.S. territories, twelve Canadian provinces and territories, and Mexico.
- CVSA promotes an environment free of commercial vehicle accidents and incidents.
- Its mission is to promote commercial motor vehicle safety and security by providing leadership to enforcement, industry and policy makers.
- This is accomplished by establishing effective transportation safety standards for motor carriers, drivers, vehicles and inspectors through compliance, education, training and enforcement programs.

Level VI Data Report

- Member agencies include
 - State police, highway patrol organizations,
 - Public service and utility commissions,
 - State departments of transportation,
 - State motor vehicle and public safety departments,
 - Local city and county police departments,
 - Canadian provincial governments
 - The Mexican Federal government
 - Supporting groups such as:
 - U.S. Department of Transportation (DOT),
 - U.S. Department of Energy (DOE),
 - Canadian Transport Officials
 - More than 500 Associate Industry Members.

Level VI Data Report

**Commercial Vehicle Safety Alliance
Level VI Program 2013 Inspection
Report**

**For Inspections in
CY 2010, CY 2011, and CY 2012**

Level VI Data Report

- This is the sixth CVSA Level VI Program inspection report.
- This report covers inspections conducted in CY 2010, CY 2011, and CY 2012.
- All previous and current reports may be obtained through CVSA's website:
 - www.cvsa.org
 - "Programs" at the top of the page
 - Select "North American Standard Level VI Inspection Program" link
 - Then select the "CVSA/WIPP Updates & Reports" link

Level VI Data Report

- All HRCQ Shipments
 - DOE (WIPP and other DOE)
 - Non-WIPP (private industry CO-60)
- Level VI Inspections only
 - No Level II or III inspections were counted

Level VI Data Report

- Effective January 1, 2005, the U.S. Department of Transportation required all vehicles and carriers transporting Highway Route Control Quantities (HRCQ) of radioactive material to obtain a Safety Permit.
- 49 CFR 385.415
- One of the requirements to obtain the permit requires the carriers to pass a CVSA Level VI inspection prior to the shipment being allowed to travel in the United States.



Level VI Data Report

- All HRCQ radioactive material shipments entering into the United States must also pass the CVSA Level VI inspection either at the shipment's point of origin or when the shipment enters the United States.



Level VI Data Report

- These inspections are conducted by State Enforcement
 - State Police, Highway Patrol, PUC, PSC, EMA, Health
 - All State Motor Carrier Enforcement staff **must** be certified Level VI



Level VI Data Report

- Inspection data used for this report were retrieved from Federal Motor Carrier Safety Administration Motor Carrier Management Information System (MCMIS) data base and current to 7/26/2013:
 - Roadside Inspections module of the A&I Online website
<http://ai.fmcsa.dot.gov/SafetyProgram/RoadsideInspections.aspx>

Level VI Data Report

WIPP Shipments: Number and type of inspections by state (January 1, 2010 – December 31, 2010)

State	Point of Origin	En Route	Point of Destination	Total
Arizona	0	5	0	5
California	0	0	0	0
Colorado	0	725	0	725
Georgia	0	0	0	0
Idaho	682	2	0	684
Illinois	34	0	0	34
Nevada	0	0	0	0
New Mexico	127	384	0	511
Oregon	0	2	0	2
South Carolina	79	0	0	79
Tennessee	84	0	0	84
Washington	75	0	0	75
Total	1081	1116	0	2197

Level VI Data Report

WIPP Shipments: Number and type of inspections by state (January 1, 2011 – December 31, 2011)

State	Point of Origin	En Route	Point of Destination	Total
Arizona	0	0	0	0
California	0	0	0	0
Colorado	0	659	0	659
Georgia	0	0	0	0
Idaho	571	0	0	571
Illinois	30	0	0	30
Nevada	0	0	0	0
New Mexico	184	516	0	700
Oregon	0	0	0	0
New York	2	0	0	2
Pennsylvania	5	0	0	5
South Carolina	141	0	0	141
Tennessee	25	2	0	25
Washington	37	0	0	37
Total	993	1177	0	2170

Level VI Data Report

WIPP Shipments: Number and type of inspections by state
(January 1, 2012 – December 31, 2012)

State	Point of Origin	In Route	Point of Destination	Total
Arizona	0	0	0	0
California	0	0	0	0
Colorado	0	382	0	382
Georgia	0	0	0	0
Illinois	396	0	0	396
Indiana	17	0	0	17
Nevada	0	0	0	0
New Mexico	219	378	0	597
Oregon	0	0	0	0
New York	0	0	0	0
Pennsylvania	0	0	0	0
South Carolina	193	0	0	193
Tennessee	7	0	0	7
Washington	0	0	0	0
Total	832	760	0	1592

Level VI Data Report

Non-WIPP Shipments: Number and type of inspections by state
(January 1, 2010 – December 31, 2010)

State	Point of Origin	In Route	Point of Destination	Total
Alabama	0	25	0	25
California	0	2	0	2
Colorado	0	2	0	2
Florida	0	1	0	1
Georgia	0	0	0	0
Illinois	0	0	0	0
Indiana	0	1	0	1
Iowa	0	0	0	0
Missouri	0	0	0	0
Nebraska	0	0	0	0
Nevada	0	0	0	0
New Jersey	0	0	0	0
New Mexico	13	69	0	82
New York	50	0	0	50
Ohio	0	0	0	0
Oklahoma	0	0	0	0
Pennsylvania	0	0	0	0
South Carolina	11	0	0	11
Tennessee	29	0	0	29
Virginia	0	0	0	0
Washington	2	1	0	3
West Virginia	0	0	0	0
Total	167	100	0	267

Level VI Data Report

Non-WIPP Shipments: Number and type of inspections by state
(January 1, 2011 – December 31, 2011)

State	Point of Origin	In Route	Point of Destination	Total
Alabama	0	16	0	16
California	0	4	0	4
Colorado	0	1	0	1
Florida	0	0	0	0
Georgia	0	0	0	0
Illinois	0	0	0	0
Indiana	0	12	0	12
Iowa	0	0	0	0
Missouri	16	0	0	16
Nebraska	0	0	0	0
Nevada	52	0	0	52
New Jersey	0	0	0	0
New Mexico	2	0	0	2
New York	0	0	0	0
Ohio	0	0	0	0
Oklahoma	0	0	0	0
Pennsylvania	0	0	0	0
South Carolina	0	0	0	0
Tennessee	0	0	0	0
Virginia	0	0	0	0
Washington	0	0	0	0
West Virginia	0	0	0	0
Total	112	119	0	231

Level VI Data Report

Non-WIPP Shipments: Number and type of inspections by state
(January 1, 2012 – December 31, 2012)

State	Point of Origin	In Route	Point of Destination	Total
Alabama	0	0	0	0
California	0	0	0	0
Colorado	0	0	0	0
Florida	0	0	0	0
Georgia	0	0	0	0
Illinois	0	0	0	0
Indiana	0	0	0	0
Iowa	0	0	0	0
Missouri	0	0	0	0
Nebraska	0	0	0	0
Nevada	0	0	0	0
New Jersey	0	0	0	0
New Mexico	0	0	0	0
New York	0	0	0	0
Ohio	0	0	0	0
Oklahoma	0	0	0	0
Pennsylvania	0	0	0	0
South Carolina	0	0	0	0
Tennessee	0	0	0	0
Virginia	0	0	0	0
Washington	0	0	0	0
West Virginia	0	0	0	0
Total	0	0	0	0

Level VI Data Report

2010 FMCSA inspection data

FMCSA Roadside Inspection Data for the Year 2010*			FMCSA HAZMAT Inspection Data for the Year 2010*		
Inspection Activity	Number	Percent	Inspection Activity	Number	Percent
Number of Inspections	3,603,291		Number of Inspections	211,219	
With no Violations	1,256,989	34.88%	With no Violations	N/A	N/A
With Violations	2,346,302	65.12%	With Violations	N/A	N/A
Driver OOS** Rate	182,946	5.23%	OOS Rate	9,039	4.28%
Vehicle OOS Rate	481,801	19.80%			

Level VI Data Report

Table 9A. WIPP Shipments in CY 2010: Comparison with Non-WIPP shipments
*OOS = Out-of-Service

CVSA Level VI Inspection Data for WIPP Shipments (January 1, 2010 – December 31, 2010)				
Inspection Activity	Number	Percent	Level I OOS Percent	Level VI OOS Percent
Number of Inspections	2,197			
With no Violations	2,096	95.40%		
With Violations	101	4.60%		
Driver OOS* Rate	1	0.05%	0.05%	0.00%
Vehicle OOS Rate	59	2.69%	0.73%	2.00%
CVSA Level VI Inspection Data for Non-WIPP Shipments (January 1, 2010 – December 31, 2010)				
Inspection Activity	Number	Percent	Level I OOS Percent	Level VI OOS Percent
Number of Inspections	276			
With no Violations	249	90.22%		
With Violations	27	9.78%		
Driver OOS* Rate	0	0.00%	0.00%	0.00%
Vehicle OOS Rate	14	5.07%	1.81%	3.26%

Level VI Data Report

2011 FMCSA inspection data

FMCSA Roadside Inspection Data for the Year 2011*			FMCSA HAZMAT Inspection Data for the Year 2011*		
Inspection Activity	Number	Percent	Inspection Activity	Number	Percent
Number of Inspections	3,591,710		Number of Inspections	205,920	
With no Violations	1,353,156	37.67%	With no Violations	N/A	N/A
With Violations	2,238,554	62.33%	With Violations	N/A	N/A
Driver OOS** Rate ¹	172,653	4.97%	OOS Rate	7,841	3.81%
Vehicle OOS Rate ²	492,704	20.35%			

Level VI Data Report

Table 9B. WIPP Shipments in CY 2011: Comparison with Non-WIPP shipments
*OOS = Out-of-Service

CVSA Level VI Inspection Data for WIPP Shipments (January 1, 2011 – December 31, 2011)				
Inspection Activity	Number	Percent	Level I OOS Percent	Level VI OOS Percent
Number of Inspections	2,170			
With no Violations	2,109	97.19%		
With Violations	61	2.81%		
Driver OOS* Rate	0	0.00%	0.00%	0.00%
Vehicle OOS Rate	28	1.29%	0.65%	0.65%
CVSA Level VI Inspection Data for Non-WIPP Shipments (January 1, 2011 – December 31, 2011)				
Inspection Activity	Number	Percent	Level I OOS Percent	Level VI OOS Percent
Number of Inspections	240			
With no Violations	216	90.00%		
With Violations	24	10.00%		
Driver OOS* Rate	0	0.00%	0.00%	0.00%
Vehicle OOS Rate	8	3.33%	0.00%	3.33%

Level VI Data Report

2012 FMCSA inspection data

FMCSA Roadside Inspection Data for the Year 2012*			FMCSA HAZMAT Inspection Data for the Year 2012*		
Inspection Activity	Number	Percent	Inspection Activity	Number	Percent
Number of Inspections	3,541,156		Number of Inspections	203,672	
With no Violations	1,387,041	39.17%	With no Violations	N/A	N/A
With Violations	2,154,115	60.83%	With Violations	N/A	N/A
Driver OOS** Rate ¹	167,651	4.89%	OOS Rate	7,639	3.75%
Vehicle OOS Rate ²	489,032	20.13%			

Level VI Data Report

Table 9C. WIPP Shipments in CY 2012: Comparison with Non-WIPP shipments
*OOS = Out-of-Service

CVSA Level VI Inspection Data for WIPP Shipments (January 1, 2012 – December 31, 2012)				
Inspection Activity	Number	Percent	Level I OOS Percent	Level VI OOS Percent
Number of Inspections	1,592			
With no Violations	1,559	97.93%		
With Violations	33	2.07%		
Driver OOS* Rate	0	0.00%	0.00%	0.00%
Vehicle OOS Rate	9	0.57%	0.00%	0.57%
CVSA Level VI Inspection Data for Non-WIPP Shipments (January 1, 2012 – December 31, 2012)				
Inspection Activity	Number	Percent	Level I OOS Percent	Level VI OOS Percent
Number of Inspections	216			
With no Violations	197	91.20%		
With Violations	19	8.80%		
Driver OOS* Rate	0	0.00%	0.00%	0.00%
Vehicle OOS Rate	6	2.78%	0.93%	1.85%

Level VI Data Report

- Data for this report was obtained electronically from the A&I Online website.
- As first noted in the previous CY 2008 – CY 2009 report, there continue to be deficiencies.
- In some cases the shipment origin and destination are not identified.
- Out-of-service violations are not identified as either Level I or Level VI OOS.
- Some Level VI inspections were missing from the A&I Online database
- Some violations were incorrectly coded as out-of-service
- All inspection reports with incorrect data were individually reviewed.

Level VI Data Report

- These issues suggest a need for due diligence in the completion of inspection reports.
- Greater emphasis for inspector training and inspection review at the state level to insure correct data are being submitted to SAFETYNET.
- Emphasis on data quality must be stressed during Level VI Certification Classes and the annual Train the Trainer of state Level VI refresher trainers.
- CVSA will continue to emphasize the need for accurate data.
- CVSA sees an opportunity to improve the data reported on A & I.
- CVSA recommends that FMCSA make point of origin and destination available.
- CVSA recommends that FMCSA has identified all states that do not upload Level VI reports to MCMIS.