



Safety Management Council

CSA 2010

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ABF Freight System, Inc.



CSA - Compliance, Safety, and Accountability

CSA★2010

Carrier Data Preview

Home > Carrier Data Preview

Abf Freight System Inc U.S. DOT #: 82866

[Home](#) [Update Registration Info](#) [Violation Summary](#) [Resources](#)

(24 Month Record as of 10/22/2010)

Prepare Now for CSA 2010: Each month review your safety assessment, update carrier registration information, and improve safety NOW!

Behavior Analysis and Safety Improvement Categories (BASICS)

(Select a BASIC below to view performance history)

	PERFORMANCE		
	On-road	Investigation	Overall
 Unsafe Driving	6%		 NOT DEFICIENT
 Fatigued Driving (HOS)	18%		 NOT DEFICIENT
 Driver Fitness	15%		 NOT DEFICIENT
 Drugs/Alcohol	Insufficient Data		 NOT DEFICIENT
 Vehicle Maintenance	39%		 NOT DEFICIENT
 Cargo-Related	58%		 NOT DEFICIENT
 Crash Indicator (Will not be available to public)		Not Applicable	 NOT DEFICIENT

Icon Key:  Investigation Deficiency  DEFICIENT BASIC Deficient  NOT DEFICIENT BASIC Not Deficient

View the [Information Center](#) for a definition of Deficient.

Carrier Registration Information (as of 10/22/2010)

CHECK YOUR VMT AND POWER UNIT DATA

U.S. DOT #: 82866 MCS-150* Date: 6/1/2010

Legal Name: Abf Freight System Inc DBA Name:

Physical Address: 3801 Old Greenwood Rd Mailing Address: P O Box 10048
Fort Smith, AR 72903 Fort Smith, AR 72917-0048

Phone: 4797858700 Email: jwing@abf.com

Fax: Operation: Interstate

PUs: 3,632 Hazmat: Yes

Drivers: 6,730 HHG: No

VMT: 314,678,498 New Entrant: No

VMT Year: 2009 Passenger Carrier: No

[Update Carrier Registration Information](#)

Summary of Inspection and Crash Activity (24 Months as of 10/22/2010)

Total Inspections:	3,022	Vehicles in Crashes:	252
Vehicle Inspections:	2,033	w/ Injury or Fatality:	93
Driver Inspections:	2,960	w/ Towaway:	238
Hazmat Inspections:	562		

[View Violation Summary](#)

*Outdated or inaccurate MCS-150 data on file with FMCSA, could impact your assessment.



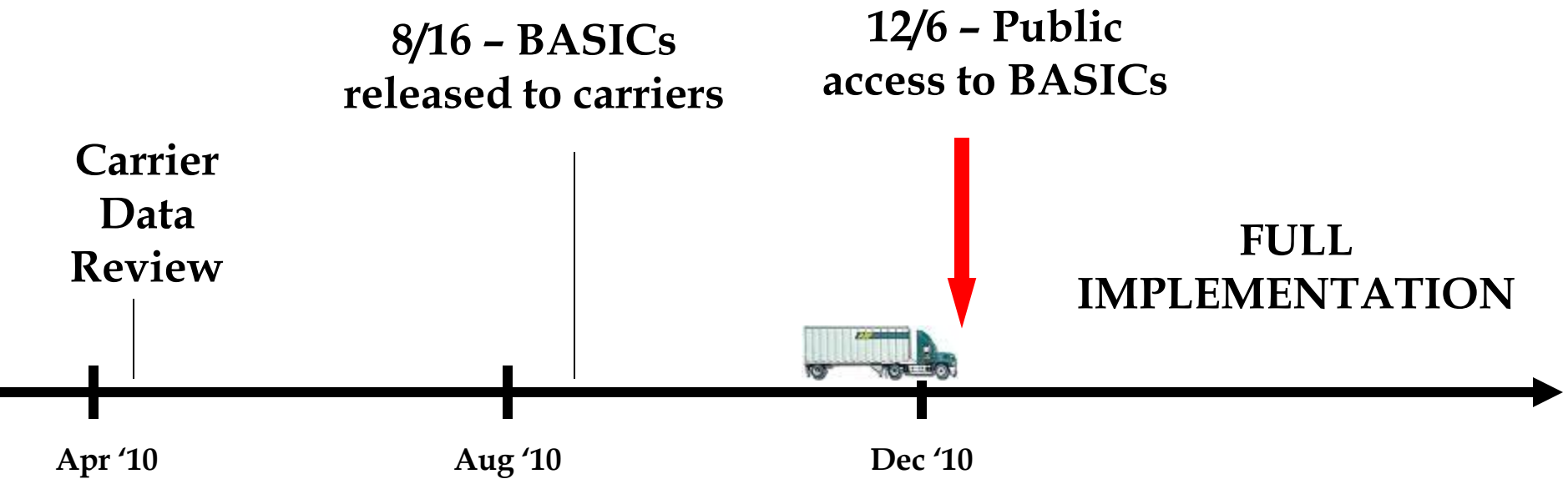
Feedback | Open Government Initiative | Privacy Policy | USA.gov | Freedom of Information Act | Accessibility
OIG Hotline | Web Policies and Important Links | Site Map | Plug-ins

Federal Motor Carrier Safety Administration
1200 New Jersey Avenue SE, Washington, DC 20590 • 1-800-832-8660 • TTY: 1-800-877-8339 • Field Office Contacts





CSA Implementation Timeline





Changes to the SMS Methodology

- 1) Unsafe Driving and Crash Indicator Exposure
- 2) Measurement for Controlled Sub/Alcohol
- 3) Severity weight updates
- 4) Size and weight violations



Exposure – Unsafe Driving & Crash

➤ Utilization factor now included in calculation

3.1.1 Calculation of BASIC Measure

The BASIC measures for the Unsafe Driving BASIC are calculated as the sum of severity and time weighted applicable violations divided by carrier average PUs times a Utilization Factor, as follows:

$$\text{BASIC Measure} = \frac{\text{Total of time and severity weighted applicable violations}}{\text{Average PUs} * \text{Utilization Factor}}$$

Equation 3-1



Exposure – Unsafe Driving & Crash

- Utilization factor now included in calculation

3.7.1 Calculation of Crash Indicator Measure

The equation used for calculating the Crash Indicator measure is as follows:

$$\text{Crash Indicator Measure} = \frac{\text{Total of time and severity weighted applicable crashes}}{\text{Average PUs * Utilization Factor}}$$

Equation 3-8

* Utilization Factor only used if carrier has up-to-date mileage



Exposure – Unsafe Driving & Crash

- Carriers separated into two segments for comparison and ranking

Safety Event Group Category	Combo Segment: Number of Crashes	Straight Segment: Number of Crashes
1	2-3	2
2	4-6	3-4
3	7-16	5-8
4	17-45	9-26
5	46+	27+

Table 3-12. Safety Event Group Categories for Crash Indicator



Exposure – Controlled Sub/Alcohol

FMCSA realized that violations within this BASIC were more likely to be found during and inspection rather than cause the inspection.

Measure of exposure is now based on the number of relevant inspections instead of PU.

BASIC M	Safety Event Group Category	Number of inspections with Controlled Substance/Alcohol Violations	uation 3-5
	1	1	
	2	2	
	3	3	
	4	4+	



Severity Weight Updates

➤ Hazardous Materials

➤ Speeding

392.2S	Speeding	Speeding Related	5	Y
392.2-SLLS1	State/Local Laws - Speeding 1-5 miles per hour over the speed limit	Speeding 1	1	Y
392.2-SLLS2	State/Local Laws - Speeding 6-10 miles per hour over the speed limit	Speeding 2	4	Y
392.2-SLLS3	State/Local Laws - Speeding 11-14 miles per hour over the speed limit	Speeding 3	7	Y
392.2-SLLS4	State/Local Laws - Speeding 15 or more miles per hour over the speed limit	Speeding 4	10	Y



Size and Weight

- Size and weight violations have been removed from the Cargo-Related BASIC
- Roadside enforcement will continue
- Alternate methods to address the issue are under development
- Violators will be dealt with by investigators during investigations, could include enforcement action (NOC, NOV)



Deficiency Thresholds

Table 1: BASIC Thresholds (Percentiles)

BASIC	Passenger Carriers	HM Carriers	All Other Motor Carriers
Unsafe Driving, Fatigued Driving (HOS), Crash	50	60	65
Driver Fitness Controlled Substances/Alcohol, Vehicle Maintenance, Cargo-Related	65	75	80



ISS – Inspection Selection System

Inspection Selection System v2.13 - USDOT # 00000004

File Actions Help

Main BASICs Details Violation Details History

BASIC Safety Information:

BASIC	BASIC Assessment	On-Road Performance	Investigation Deficient
Unsafe Driving	DEFICIENT	84.5	N/A
Fatigued Driving		28.2	N/A
Driver Fitness		Insufficient	N/A
Drugs and Alcohol		22.7	N/A
Vehicle Maintenance	DEFICIENT	35.8	YES
Improper Loading/Cargo		26.5	N/A
Crash Indicator		Insufficient	N/A
Insurance/Other			N/A

SMS Date: 6/2/2010 Last Investigation Date: 4/15/2010



Ongoing Concerns

- Use of all crashes, regardless of preventability
- Public Perception, Plaintiff Attorneys, Customers
- Inclusion of "Warnings"
- HM violations in the Cargo BASIC
- Cargo BASIC Peer Groups



Questions?