



# FMCSA Data for Safety Stakeholders



# ★ Presentation Note

## This presentation:

- Provides information about Federal Motor Carrier Safety Administration (FMCSA) programs and data systems
- Information is also available in the Compliance, Safety, Accountability (CSA) Industry Briefing available at (<http://csa.fmcsa.dot.gov/resources.aspx>).



# ★ FMCSA Data

- FMCSA is focusing outreach efforts to better inform safety stakeholders about information FMCSA makes available to the public.
- FMCSA uses this information to analyze a motor carrier's current safety performance and determine whether investigation or intervention is necessary.



# ★ FMCSA's Public Data

## Three primary sources of FMCSA data

1. Safety and Fitness Electronic Records (SAFER)
2. Licensing & Insurance (L&I)
3. Safety Measurement System (SMS)



# ★ SAFER Data

## What does SAFER provide?

- Carrier census information
- Inspection out-of-service (OOS) rates compared to national averages over the last 24 months
- Carrier crashes over the last 24 months
- Carrier safety fitness rating (if one exists)
  - Satisfactory, Conditional, Unsatisfactory
- Flag if carrier is prohibited from operating

SAFER is located at: <http://safer.fmcsa.dot.gov>



# ★ SAFER Data (cont.)

USDOT Number  
  MC/MX Number  
  Name  
 Enter Value:

## Company Snapshot

**TRANSPORT INC**  
USDOT Number: 123456

[ID/Operations](#) | [Inspections/Crashes In US](#) | [Inspections/Crashes In Canada](#) | [Safety Rating](#)

**Carriers:** If you would like to update the following ID/Operations information, please complete and submit form [MCS-150](#) which can be obtained [online](#) or from your State FMCSA office. If you would like to challenge the accuracy of your company's safety data, you can do so using FMCSA's [DataQs](#) system.

**Carrier and other users:** FMCSA provides the Company Safety Profile (CSP) to motor carriers and the general public interested in obtaining greater detail on a particular motor carrier's safety performance than what is captured in the Company Snapshot. To obtain a CSP please visit the [CSP order page](#) or call (800)832-5660 or (703)280-4001 (Fee Required).

For help on the explanation of individual data fields, click on any field name or for help of a general nature go to [SAFER General Help](#).

The information below reflects the content of the FMCSA management information systems as of 01/18/2012.

<b>Entity Type:</b>	Carrier	
<b>Operating Status:</b>	REGISTERED	<b>Out of Service Date:</b> None
<b>Legal Name:</b>	TRANSPORT INC	
<b>DBA Name:</b>		
<b>Physical Address:</b>	123 MAIN STREET ANYTOWN, VA 22113	
<b>Phone:</b>		
<b>Mailing Address:</b>		
<b>USDOT Number:</b>		<b>State Carrier ID Number:</b>
<b>MC or MX Number:</b>		<b>DUNS Number:</b> --

### Other Information for this Carrier

- ▼ [SMS Results](#)
- ▼ [Licensing & Insurance](#)



# ★ SAFER Data (cont.)

[ID/Operations](#) | [Inspections/Crashes In US](#) | [Inspections/Crashes In Canada](#) | [Safety Rating](#)

US Inspection results for 24 months prior to: 01/18/2012

Total inspections: 369

**Note:** Total inspections may be less than the sum of vehicle, driver, and hazmat inspections. Go to [Inspections Help](#) for further information.

Inspections:

Inspection Type	Vehicle	Driver	Hazmat
Inspections	201	369	0
Out of Service	58	34	0
Out of Service %	28.9%	9.2%	%
Nat'l Average % (2009- 2010)	20.72%	5.51%	4.50%

Crashes reported to FMCSA by states for 24 months prior to: 01/18/2012

Crashes:

Type	Fatal	Injury	Tow	Total
Crashes	1	2	7	10

[ID/Operations](#) | [Inspections/Crashes In US](#) | [Inspections/Crashes In Canada](#) | [Safety Rating](#)



# ★ SAFER Data (cont.)

Crashes results for 24 months prior to: 01/18/2012

<u>Crashes:</u>				
Type	Fatal	Injury	Tow	Total
Crashes	0	0	0	0

[ID/Operations](#) | [Inspections/Crashes In US](#) | [Inspections/Crashes In Canada](#) | [Safety Rating](#)

*The Federal safety rating does not necessarily reflect the safety of the carrier when operating in intrastate commerce.*

### Carrier Safety Rating:

The rating below is current as of: 01/18/2012

### Review Information:

Rating Date:	08/09/2011	Review Date:	07/29/2011
Rating:	Satisfactory	Type:	Compliance Review



# ★ L&I Data

## What does L&I provide?

- FMCSA operating authority status for “for-hire” carriers
- Insurance status
- Flag if carrier is under an FMCSA order prohibiting operations

L&I can be found at: <http://li-public.fmcsa.dot.gov/>



# ★ L&I Data (cont.)



U.S. Department of Transportation  
Federal Motor Carrier Safety Administration  
Licensing and Insurance Public

Choose Menu Option



## Motor Carrier Details

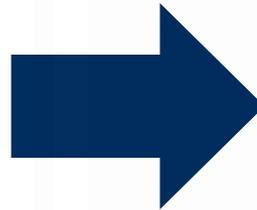
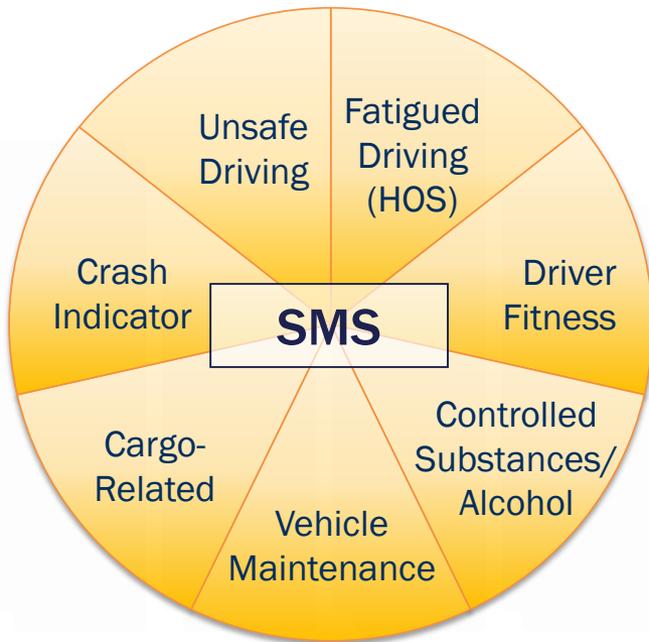
US DOT:					Docket Number:				
Legal Name:	TRANSPORT, INC.								
Doing-Business-As Name:									
Business Address			Business Telephone and Fax		Mail Address		Mail Telephone and Fax		Undeliverable Mail
									NO
Authority Type			Authority Status			Application Pending			
Common			ACTIVE			NO			
Contract			ACTIVE			NO			
Broker			ACTIVE			NO			
Property		Passenger		Household Goods		Private		Enterprise	
YES		NO		NO		NO		NO	
Insurance Type			Insurance Required			Insurance on File			
BIPD			\$750,000			\$750,000			
Cargo			NO			NO			
Bond			YES			YES			



# ★ Safety Measurement System

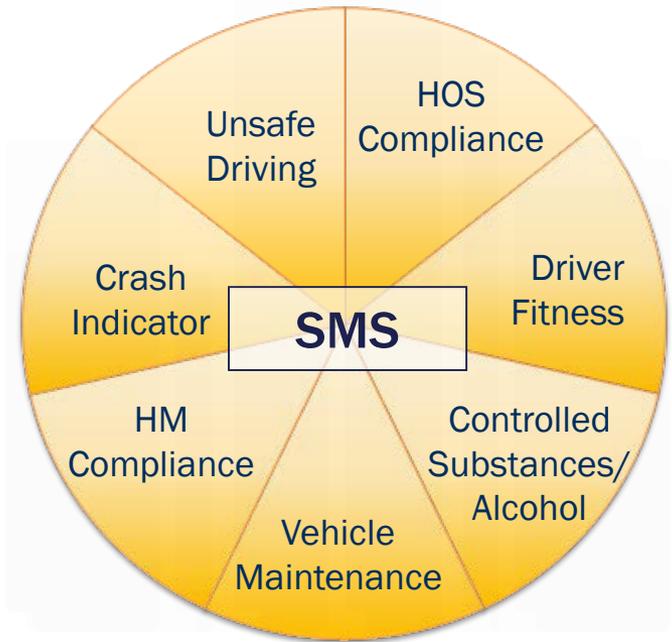
## OLD

Behavior Analysis and Safety Improvement Categories (BASICS)



## NEW

BASICS as of December 2012



# ★ BASIC Thresholds

- Were determined based on analysis and effectiveness studies
- Using the improved SMS, the goal is to identify carriers with both:
  - Crash rate higher than the population average; and
  - Known on-road compliance issues

BASIC	Intervention Thresholds		
	General	HM	Passenger
Unsafe Driving, Hours-of-Service (HOS) Compliance, Crash Indicator	65%	60%	50%
Driver Fitness, Vehicle Maintenance, Controlled Substances/Alcohol	80%	75%	65%
Hazardous Materials (HM) Compliance	80%	80%	80%



# ★ SMS Data

## What does SMS provide?

- Carrier census information
- Analysis of carrier on-road performance and investigation results based on the most recent 24 months in BASICs
- Overall BASIC status (status above threshold may prioritize the carrier for intervention)
- Flag if carrier is under an FMCSA order prohibiting operations
- Driver and Vehicle Inspection OOS rates
- Links to detailed individual inspection results and trend data
- Links to SAFER and L&I for current safety rating and authority/insurance status

**SMS can be found at:** <http://ai.fmcsa.dot.gov/SMS>



## Use of SMS Data

The data in the Safety Measurement System (SMS) is performance data used by the Agency and Enforcement Community. A  symbol, based on the data, indicates that FMCSA may prioritize a motor carrier for a safety intervention.

The  symbol is not intended to imply any federal safety rating of the carrier pursuant to 49 USC 31144. Readers should not draw conclusions about a carrier's overall safety condition simply based on the data displayed in this system. Unless a motor carrier in the SMS has received an UNSATISFACTORY safety rating pursuant to 49 CFR Part 385, or has otherwise been ordered to discontinue operations by the FMCSA, it is authorized to operate on the nation's roadways.

Motor carrier safety ratings are available at <http://safer.fmcsa.dot.gov> and motor carrier licensing and insurance status are available at <http://li-public.fmcsa.dot.gov/>.



# ★ SMS Data (cont.)



U.S. Department of Transportation  
**Federal Motor Carrier Safety Administration**  
A&I Online: Safety Measurement System

[A&I LOGIN](#) | [CONTACTS](#) | [FEEDBACK](#) | [FMCSA.GOV](#) | [FMCSA PORTAL](#) | [DOT.GOV](#)

Search All FMCSA Sites

A&I SITES ▾

SMS HOME

CARRIER SEARCH

REPORTS

DOWNLOADS

INFORMATION CENTER

SMS Home

## Welcome to the Motor Carrier Safety Measure

### What is SMS?

The Motor Carrier System (SMS) is a performance measurement system that State partners use to assess carrier performance.

Learn about the Safety Improvement Program



## SEARCH FOR MOTOR CARRIER SMS MONTHLY RESULTS:

(Based on a 24-month record ending December 17, 2010)

USDOT#

MC#

Advanced Search

MOTOR CARRIERS

FMCSA & STATE PARTNERS

### See where you stand.



Review your SMS results and take action to make the roads safer for everyone.

Login to SMS to view additional details of the SMS.

### Motor Carrier Login

Click Here to log in via the FMCSA Portal and Motor Carrier PIN Number.

Click Here to log in via the FMCSA Portal.

### receiving a warning letter?

A warning letter provides Motor Carriers with early notification of potential safety performance issues. Carriers should



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

# ★ SMS Results

ABC Trucking

DOT#: 000000

SMS Methodology

## Welcome to the Motor Carrier Safety Measurement System

The SMS provides an assessment of a motor carrier's on-road performance and investigation results within the Behavior Analysis and Safety Improvement Categories (BASICs). Assessments cover 24 months of activity and results are updated monthly. For current Motor Carrier Safety Ratings visit [SAFER](#) and for current operating authority and insurance information visit [Licensing and Insurance](#) (L&I) system.

## SMS Enhancements

Effective December 2012  
SMS has been updated to  
version 3.0

[More details](#)



## Select a BASIC below to view details

BASIC Overview	PERFORMANCE	BASIC Status
<b>Unsafe Driving</b>	Inconclusive	
<b>Hours-of-Service (HOS) Compliance</b>	99%	⚠️
<b>Driver Fitness</b>	97%	⚠️
<b>Controlled Substances and Alcohol</b>	No Violations	⚠️
<b>Vehicle Maintenance</b>	89.4%	⚠️
<b>Hazardous Materials (HM) Compliance</b>	Not Available	Not Available
<b>Crash Indicator</b>	No Violations	Not Available

[History](#)

For more information on the BASICs Overview please visit our [Information Center](#).

### ICON LEGEND



Serious violation cited within last 12 months from an investigation.



Denotes this carrier exceeds the FMCSA [intervention threshold](#) relative to its safety event grouping based upon roadside data and/or has been cited with one or more serious violations within the past 12 months during an investigation. Therefore, this carrier may be prioritized for an intervention action and roadside inspection.

## Print-Ready Measurement Profile

### SUMMARY OF ACTIVITIES

	Number	OOS Rate
<b>Total Inspections:</b>	34	
Driver Inspections:	19	32%
Vehicle Inspections:	34	24%
Placardable HM Inspections:	0	0%
% Placardable HM Inspections:	0	0%

### Total Crashes\*

Injury/Fatal Crashes:	1
Fatal Crashes:	0
Injury Crashes:	0
Towaway Crashes:	1

\*Crashes listed represent a motor carrier's involvement in **reportable crashes**, without any determination as to responsibility. [Continue for details.](#)

### RECENT INVESTIGATIONS

The following are up to five most recent investigations:

Intervention Type	Date
Compliance Review	5/24/2010

### DATA CENTER

Scope:

File Type:

[PRINT](#)

[DOWNLOAD](#)



# ★ SMS Results (cont.)

ABC Trucking

DOT#: 000000

SMS Methodology

## Welcome to the Motor Carrier Safety Measurement System

The SMS provides an assessment of a motor carrier's on-road performance and investigation results within the Behavior Analysis and Safety Improvement Categories (BASICs).

## SMS Enhancements

Effective December 2012  
SMS has been updated to



## Select a BASIC below to view details

BASICs Overview

[What Does This Mean?](#)

(Based on a 24-month record ending August 24, 2010)

	On-Road	Investigation	=	BASICs Status
<b>Unsafe Driving</b>	Inconclusive		=	
<b>Hours-of-Service (HOS) Compliance</b>	99%		=	
<b>Driver Fitness</b>	97%		=	
<b>Controlled Substances and Alcohol</b>	No Violations		=	
<b>Vehicle Maintenance</b>	89.4%		=	
<b>Hazardous Materials (HM) Compliance</b>	Not Available	Not Available	=	Not Available
<b>Crash Indicator</b>	No Violations	Not Applicable	=	Not Available

### USE OF SMS DATA/INFORMATION

[History](#)

For more information on the BASICs Overview please visit our [Information Center](#)

### ICON LEGEND



Serious violation cited within last 12 months from an investigation.



Denotes this carrier exceeds the FMCSA [intervention threshold](#) relative to its safety event grouping based upon roadside data and/or has been cited with one or more serious violations within the past 12 months during an investigation. Therefore, this carrier may be prioritized for an intervention action and roadside inspection.

## Body Measurement Profile

### ACTIVITIES

	Number	OOS Rate
	34	
	19	32%
	34	24%
Inspections:	0	0%
Inspections:	0	0%
	1	
	1	
	0	
	0	
	1	

represent a motor carrier's involvement in [safety events](#), without any determination as to [liability](#). [Continue for details.](#)

### INVESTIGATIONS

are up to five most recent investigations:

Type	Date
view	5/24/2010

Logged in users only

Excel

DOWNLOAD



# ★ SMS Results (cont.)

On-road Performance Detail Investigation Results Detail **Performance Tools**

On-road Performance Overview

**97.0%**

MEASURE: 1.04  
PERCENTILE: 97%  
(Threshold: 80%)

Relevant Inspections: 34  
Total Inspections with Driver Fitness Violations: 6  
Total Driver Fitness Violations: 7

Safety Event Grouping  
21-100

**i** Information Center

Select a topic below to view information:

- How can a carrier improve in the Driver Fitness BASIC?
- What are the intervention thresholds for each BASIC?
- How long are violations/crashes on my SMS results?
- What should a motor carrier do after receiving a warning letter?

View all possible Driver Fitness violations

Request a data correction review ▶



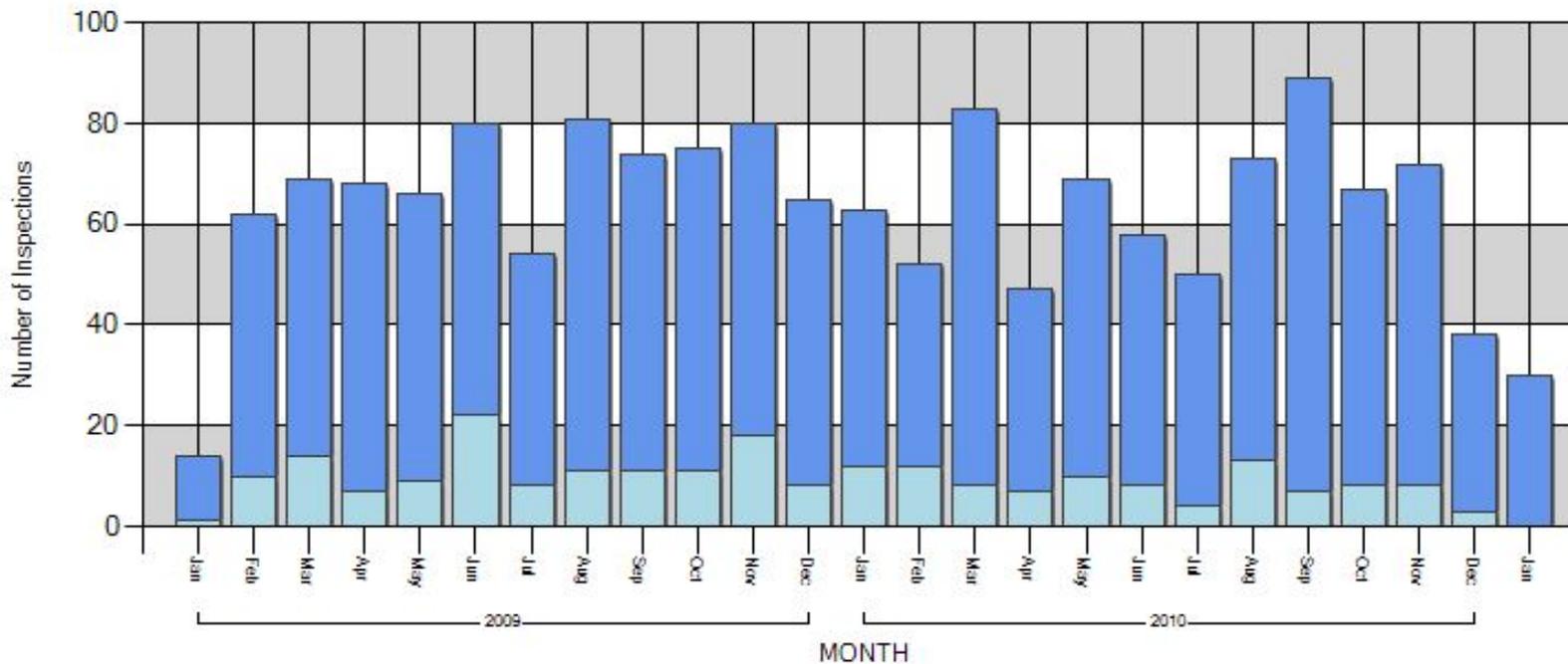
# ★ SMS Results (cont.)

Performance View

Measure View

## Relevant Inspections vs Inspections with Violations

Relevant Inspections by Month    Inspections with Violations in the BASIC by Month



# ★ SMS Results (cont.)



# ★ SMS Results (cont.)

Select a BASIC below to view details

BASICs Overview **What Does This Mean?**  
*(Based on a 24-month record ending August 24, 2010)*

	On-Road	Investigation	BASICs Status
<b>Unsafe Driving</b>	Inconclusive		
<b>Hours-of-Service (HOS) Compliance</b>	99%		
<b>Driver Fitness</b>	97%		
<b>Controlled Substances and Alcohol</b>	No Violations		
<b>Vehicle Maintenance</b>	89.4%		
<b>Hazardous Materials (HM) Compliance</b>	Not Available	Not Available	Not Available
<b>Crash Indicator</b>	No Violations	Not Applicable	Not Available

**USE OF SMS DATA/INFORMATION**

**History**

For more information on the BASICs Overview please visit our [Information Center](#)

**ICON LEGEND**

- Serious violation cited within last 12 months from an investigation.
- Denotes this carrier exceeds the FMCSA intervention threshold relative to its safety event grouping based upon roadside data and/or has been cited with one or more serious violations within the past 12 months during an investigation. Therefore, this carrier may be prioritized for an intervention action and roadside inspection.

CARRIER OVERVIEW

UNSAFE DRIVING

HOS COMP.

**DRIVER FITNESS**

DRUGS/ALCOHOL

VEHICLE MAINT.

HM COMP.

CRASH

**HISTORY**

**Driver Fitness**  
Operation of CMVs by drivers v

**BASIC Overall Sta**  
Exceeds the Intervention  
(Based on a 24-month rec

**On-road Performance D**

On-road Performance Overview

**97.0%**



# SMS Results (cont.)



## History

Historical view of the carrier's performance over multiple Carrier Safety Measurement runs.

CARRIER OVERVIEW

UNSAFE DRIVING

HOS COMPLIANCE

DRIVER FITNESS

DRUGS/ALCOHOL

VEHICLE MAINT.

CARGO-RELATED

HM COMPLIANCE

CRASH

The Carrier Measurement History report displays six monthly runs default is the current month's results followed by the five previous. To change the monthly run dates use the previous and next buttons. You can also choose to view quarterly or semi-annual reports.

Select report view:  
MONTHLY

The history report displays the BASIC values that were available on the SMS website for that run. To view historical SMS runs based on a consistent methodology, SMS version 3, go to the BASIC of interest and click on the performance tab.

View more SMS results: < Prev 6 Next 6 >

BASIC(s) Overview	06/22/2012	07/27/2012	08/24/2012	09/28/2012	10/26/2012	11/16/2012
SMS Version	2.1	2.1	2.1	3.0	3.0	3.0
<b>Unsafe Driving</b>						
On-Road Performance Detail	No Violations	No Violations	No Violations	0%	0%	0%
Investigation Results Detail						
<b>Hours-of-Service (HOS) Compliance</b>						
On-Road Performance Detail						
Investigation Results Detail						
<b>Driver Fitness</b>						
On-Road Performance Detail						
Investigation Results Detail						
<b>Controlled Substances and Alcohol</b>						
On-Road Performance Detail	No Violations	No Violations	No Violations	0%	0%	0%
Investigation Results Detail						
<b>Vehicle Maintenance</b>						
On-Road Performance Detail						
Investigation Results Detail						
<b>Cargo-Related</b>						
On-Road Performance Detail	Not Public	Not Public	Not Public	Not Applicable	Not Applicable	Not Applicable
Investigation Results Detail						
<b>Hazardous Materials (HM) Compliance</b>						
On-Road Performance Detail	Not Applicable	Not Applicable	Not Applicable	Not Public	Not Public	Not Public
Investigation Results Detail						
<b>Crash Indicator </b>						
On-Road Performance Detail	Not Public					

\*The percentile is orange when the intervention threshold is exceeded.

A motor carrier's crash assessment (Crash Indicator BASIC measure and percentile) represents a motor carrier's involvement in 24 months of reportable crashes, without any determination as to responsibility. [Continue for details.](#)



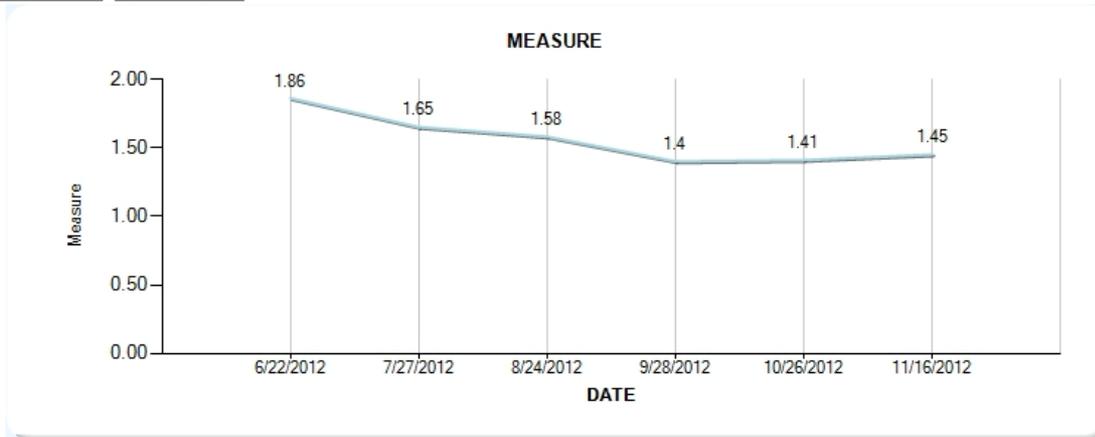
# ★ SMS Results (cont.)

The Carrier Measurement History report displays the most current month's Carrier Safety Measurement results followed by the last five monthly runs. You can also choose to view Quarterly or Semi Annual reports.

Select report view:  
MONTHLY

View more SMS runs.

< Prev 6    Next 6 >



BASIC Summary	06/22/2012	07/27/2012	08/24/2012	09/28/2012	10/26/2012	11/16/2012
SMS Version	2.1	2.1	2.1	3.0	3.0	3.0
Overall Performance:						
On-Road Performance:	78% (Threshold: 65%)	73.1% (Threshold: 65%)	71.5% (Threshold: 65%)	69.5% (Threshold: 65%)	70.3% (Threshold: 65%)	71.6% (Threshold: 65%)
Investigation Results:						

### On-Road Performance Detail

Measure	1.86	1.65	1.58	1.40	1.41	1.45
Safety Event Grouping:	21-100	21-100	21-100	21-100	21-100	21-100
Relevant Inspections:	88	86	86	86	85	85
Total Inspections with HOS Compliance Violations:	24	25	25	25	25	25
Total HOS Compliance Violations:	30	31	31	31	31	31

\*The percentile is orange when the intervention threshold is exceeded.



# ★ SMS and the Motor Carrier Market

Category	Approximate Number	Percentage of Uploaded Crashes
Carriers listed as active	750K	100%
Carriers with activity in the last three years	525K	100%
Carriers with insufficient data	325K	8%
<b>Carriers with sufficient data to be assessed in at least one BASIC</b>	<b>200K</b>	<b>92%</b>
Carriers with sufficient negative information to have a percentile assigned	92K	83%
Carriers with at least one BASIC above the FMCSA Intervention Threshold	50K	45%



# ★ Summary

Three public sources of FMCSA data to provide an informed, current, and comprehensive safety picture

1. SAFER, <http://safer.fmcsa.dot.gov>
2. L&I, <http://li-public.fmcsa.dot.gov>
3. SMS, <http://ai.fmcsa.dot.gov/SMS>

