Agenda

- CSA 2010 Model and Implementation Schedule Update
- BASICs to Roadside
  - ISS Methodology/Algorithm
  - Training
August 2010:

- **Carrier SMS Data Preview**
  - New carrier assessments includes enhancements to system
  - Available only to Enforcement and Carriers to view their own data
  - Available on the CSA 2010 Outreach website
• **SMS results** available to public
• **Prioritize work** based on SMS
• **Warning Letters issued** to carriers with deficient BASICs
• **ISS Algorithm updated** to identify carriers for inspection based on SMS
• Integrate **four key components** into the CR

**#1: Focused Compliance Reviews** to reach more carriers

– **Review deficient BASICs**, and:
  
  • CDLIS checks, Authority, Insurance, Red Flag Driver Investigations
  
  • Select candidates receive Drug and Alcohol Supplemental Review

– **Full CRs required 4 or more deficient BASICs**
  
  • Including special cases (i.e. Passenger Carriers)
#2: Direct Notices of Violation (NOV)
For carriers deficient in Driver Fitness BASIC only

#3: Red Flag Driver
Process to increase driver focus

#4: Performance Based Sampling
Using Driver Safety Measurement System (DSMS) to increase driver focus and improve carrier investigations
Training for Key Concepts in December

– **In person training** with State Partners and Divisions
  – 1-2 per Service Center
  – Scheduled for Oct/Nov
  – Managers/DAs/Enforcement

– **Webinar training** for Safety Investigators in Nov
  – Supplements Managers training
• **Safety Fitness Determination**
  – Notice of Proposed Rulemaking (NPRM)

• **In person training for Managers/SIs**
  – Division and State Partners
  – *full* array of CSA 2010 interventions
    • Offsites, Cooperative Safety Plans (CSPs), Crash BASIC Investigation (CBI), Safety Management Cycle
Delivering BASICs to the Roadside Inspector
Delivering BASICs to the Roadside Inspector

In December 2010

• New ISS algorithm implemented
  – Business rules of the algorithm are expected to be available on or about September 30.

• ISS and Query Central will be updated

• CVIEW transaction files will be modified to reflect deficient BASICs
ISS Algorithm

- Inspection recommendations will be driven by BASICs
- Objectives of new ISS algorithm
  - Monitor carriers with roadside deficiencies
  - Monitor carriers with serious violations discovered during investigations
  - Prioritize carriers with higher crash rates (i.e. high risk)
  - Collect additional data on carriers without sufficient data for SMS
    • Prioritize by prior performance
ISS, Roadside Data and BASICS

- ISS at Roadside
  - Inspect Optional Pass

- Inspection Program: Roadside Data

- BASICSs
  - Unsafe Driving
  - Fatigued (HOS)
  - Driver Fitness
  - Drug/Alcohol
  - Vehicle Main
  - Cargo Related
    - Crash

- SMS Results (percentiles)
  - Investigation Results (serious violations)
New ISS

Evaluates carriers on three primary components:

1. **Safety** - Identification of carriers with unsafe vehicles and/or operators
   - Uses SMS results

2. **CSA 2010 investigative results**
   - Supports safety performance monitoring

3. **Data Sufficiency**
   - To collect data to evaluate carriers performance –
   - Incorporated safety component into this portion of methodology
ISS Algorithm

• Provides a numeric value (1-100) that indicates an inspection recommendation for each company DOT#:
  – 1-49: Pass recommendation
  – 50-74: Optional recommendation
  – 75-100: Inspect recommendation

• Officer discretion takes priority when making inspect/pass decision.
  – Considerations: resources available at station

• Provides prioritization approach for inspection resources
ISS Main Screen in December

Carrier Search:
- Search Type: USDOT#
- Number: 00000000

Carrier Information:
- Name: SOME INTERSTATE CARRIER
- DBA: 
- Street: 1234 MAIN STREET
- City: LAKEWOOD
- State: CO
- Zip: 00000
- Phone: (123)456-7890
- Country of Domicile: UNITED STATES

Inspection Value:
- 85 Inspect

Alert: This motor carrier may have an undeliverable address. Please inform the motor carrier they should submit an updated Form MCS-150 with their current address per 390.19 and 368.4 where applicable.

Inspection Value is based on Safety data.

Data current as of 08/10/2010
ISS Details Screen in December

![ISS Details Screen]

BASIC Safety Information:

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

SMS Date: 6/2/2010  Last Investigation Date: 4/15/2010
Query Central Displaying BASICs in December
Webinar training for all Roadside Inspectors and Managers

– Recorded presentation will be posted online
– Discuss
  – Importance of Roadside Inspector role in CSA safety program
  – Objectives of ISS & new algorithm
CVIEW T0031V3 and T0042P transaction files to include:

- **BASIC percentiles** from the CSMS

- **Deficiency indicator**
  - P = deficient due to CSMS percentile
  - I = deficient due to investigation that found serious violation
  - Y = deficient due to both percentile and investigation
  - N = not deficient

- **List of serious violations** that resulted in the “I”
State Preparation for CVIEW changes

“SAFER_docs” area of CVISN Collaboration site

- **12/3/09** - SAFER-CVIEW Interface (CSA2010 modification_508 PDF)
- **5/13/10** - XML schema (T0031V3)
- **5/13/10** – sample data file (T0031_20100416134451_1.ud)
- **10/15/10** - SAFER changes coded, deployed into SAFER certification site
- **10/18/10** - Testing initiated with States
ASPREN: 392.2S speeding subsets