Minnesota’s Commercial Vehicle Safety Plan

Toward Zero Deaths Meeting
January 2011
MCSAP & CVSP Contacts

Office of Freight & Commercial Vehicle Operations

Andrea Kampa (651) 366-3677
andrea.kampa@state.mn.us

Michael Ritchie (651) 366-3697
michael.ritchie@state.mn.us

Lt. Steve Lubbert (651) 405-6176
steve.lubbert@state.mn.us
MCSAP
Motor Carrier Safety Assistance Program

MCSAP is a grant program, administered by the Federal Motor Carrier Safety Administration, that provides financial assistance to States to reduce the number and severity of accidents and hazardous materials incidents involving Commercial Motor Vehicles

49 CFR 350.101
MCSAP’s Goal

To invest grant monies in State safety programs to increase the likelihood that vehicle safety defects, CMV driver deficiencies, and unsafe motor carrier practices are detected and corrected before they contribute to crashes and hazmat transportation incidents
MCSAP’s Goal

To reduce CMV-involved accidents, fatalities, and injuries through consistent, uniform, and effective CMV safety programs
MCSAP is a Partnership

Office of Freight & Commercial Vehicle Operations

FMCSA
FEDERAL MOTOR CARRIER SAFETY ADMINISTRATION
Commercial Vehicle Safety Plan

The document that outlines the State’s CMV safety objectives, strategies, activities and performance measures

The CVSP must include 18 items mandated by the Federal Regulations
Commercial Vehicle Safety Plan

Mission & Goal Statement

The objective of Minnesota’s CVSP is to establish a strategy between the two MCSAP partners, the Minnesota State Patrol Commercial Vehicle Division and the Mn/DOT Office of Freight and Commercial Vehicle Operations, whereby the State may reduce both the number and severity of CMV crashes and to reduce all crashes involving Minnesota domiciled carriers
Commercial Vehicle Safety Plan

Mission & Goal Statement

Minnesota’s goal is to directly impact our CMV fatality rate and reduce it to 0.14 fatalities per 100 million VMT for the year 2011, from our 2009 rate of 0.16 fatalities per 100 million VMT
First Step in Writing the CVSP? Look at the Data!

Sources used include:

- *Minnesota Motor Vehicle Crash Facts*
- *OFCVO Hazmat Incidents data base*
- *FMCSA data bases including MCMIS-Motor Carrier Management Information Systems*
- *A&I-Motor Carrier Analysis & Information Systems*
- *CSA 2010*
Commercial Vehicle Safety Plan Contains 2 Major Elements

• *State Commercial Vehicle Safety Program Objectives*

• *National Program Elements* required by FMCSA regulations
  – Driver/vehicle inspection
  – Traffic enforcement
  – Compliance Reviews (Carrier Interventions)
  – Public education & awareness
  – Data collection
State CMV Safety Program Objectives

**CMV Crash Reduction Strategies**

- Metro Area CMV driver traffic enforcement
- Metro Area Non-CMV driver traffic enforcement for unsafe driving behavior around CMV’s
- Rural Roads: Increased CMV inspections in 9 targeted counties
- Rural Roads: CMV traffic enforcement in 5 targeted counties on I-90 corridor
State CMV Safety Program Objectives

**CMV Safety Improvement Strategies**

**Driver Conduct**

- Inspections of HOT LIST carriers in all State Patrol regions
- CMV Driver Alertness/Impairment enforcement activities
- Level 3 Driver/Credential inspections
State CMV Safety Program Objectives

**CMV Hazardous Materials**

**Transportation Safety Strategies**

- Focused interagency roadside inspections of cargo tank vehicles
- Hazardous materials cargo inspections at carrier freight docks and on trucks
- Response to hazardous materials transportation incidents, investigation of cause of the incidents, refer for carrier intervention/enforcement when appropriate
State CMV Safety Program Objectives

Passenger Transportation Safety Strategies

• State Patrol Office of Pupil Transportation Safety conducts inspections on school bus operators

• Interagency inspections of motor coaches and drivers at destinations & special events

• Carrier interventions (safety audits) of MN based passenger carriers by OFCVO, with goal of 350 reviews in 2011
National Program Elements *Driver/Vehicle Inspections*

- Conduct CMV inspections at 5 fixed scales & roadside inspection sites
- 75% of inspections are performed roadside
- Minnesota’s target for 2011 is 38,300 inspections
  - 30% of the inspections will be driver focused: CDL’s, medical certificates, seat belts, hours of service/fatigue, driver impairment, driver daily inspection reports
National Program Elements

Traffic Enforcement

• Use traffic stops of CMV drivers as a tool to ensure safe operation and reduce CMV crashes

• Traffic officers will identify, inspect, & cite CMV drivers operating unsafely

• Probable cause traffic stops of non-CMV drivers operating unsafely near CMV’s to decrease CMV involved crashes
National Program Elements

Carrier Interventions/Reviews

• Performance based system that uses roadside inspection and crash data to identify problem carriers and assign them for review

• *Carrier Interventions* focus on identified driver & carrier safety problems

• Safety investigator can focus on not only “what” but “why” problems exist

• **Provides guidance to carriers to fix safety problems before crashes occur**

• Goal for 2011 – 350 freight carrier interventions
National Program Elements

Public Education & Awareness

• Education of carriers & shippers on CMV & hazmat issues enhances transportation safety

• Public education and awareness essential to inform motoring public on sharing the road safety with CMV’s

• Education of the emergency response community on hazmat identification, packaging, response issues

• Classroom training designed to help carriers & drivers comply with the regulations
National Program Elements
Public Education & Awareness

• Minnesota’s Commercial Vehicle Operations website addresses safety & regulatory information: www.dot.state.mn.us/cvo

• State Patrol Commercial Vehicle Enforcement website: www.dps.state.mn.us/partol/comveh/index.htm

• “A Guide to Commercial Truck & Passenger Regulations” published annually and widely distributed at classes, trade shows and fairs

• E-learning sites on hazmat and motor carrier safety topics available 24 hours a day
National Program Elements

CMV Safety Data Quality & Collection

• Complete & accurate data from inspections, crashes, carrier interventions/reviews, & traffic enforcement essential for Minnesota’s CVM safety programs and the performance based MCSAP program

• Minnesota continues to maintain high levels of data quality timeliness & accuracy

• Minnesota’s crash data accuracy rate 98%