

# CCMTA Road Safety Forum

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## **CRA Activities**

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# Commercial Motor Vehicle Safety

- 2010 CMV Target:
  - 20% reduction in road users killed or seriously injured in crashes involving commercial vehicles
- Where We Stand:
  - Fatalities/serious injuries per billion km traveled by CMVs were 10.9% and 11.9% lower in 2006 than in 1996-2001 baseline period



# Where We Stand (cont'd)

- **In 2006, 20% of fatalities and 11% of serious injuries involved crashes with heavy commercial vehicles**
- **Overall, little quantitative progress made toward RSV 2010 target:**
  - **Fatalities: < 2%**
  - **Serious injuries: > 5.2%**



# Industry Trends

- Increase in carrier/CMV population
- Increase in tonnage hauled
- Competitiveness issues
  - Within industry
  - With other modes
- Administrative burden militates against compliance
- Skilled driver shortage
- Negative public image



# CRA Mandate

- **Custodian of National Safety Code Standards**
  - Standards development and review
  - Standards implementation
  - Support to harmonization initiatives
  - Outreach and partnership activities
- **Historically, CRA programs and activities directed to compliance and enforcement countermeasures**



# (Traditional) CRA Projects

- **New Hours of Service Rule**
  - Increases daily rest time
  - Aligns rule with circadian rhythm
- **New Daily Trip Inspection Requirements**
  - Clearer driver directives as to what to look for and how to handle defects found
- **Cargo Securement**
  - Enhanced, performance-based



# (Traditional) CRA Projects

- **Carrier Profile Management**
  - New safety rating reciprocity agreement with U.S., will ensure carrier record is based on overall domestic and international operation
  - Progressive intervention mechanism
  - Unsatisfactory rating = out of business
- **Enforcement, Awareness Activities**
  - PMVI program
  - Roadside CVSA inspections
  - Roadcheck, Operation Air Brake
  - Education material, interpretation guides



# Countermeasures - Emerging Areas

- Human Factors
  - New Task Force created as a result of CRA recommendation
  - Human behaviour/driver error present in 80% to 90% of overall collisions
  - Will formulate risk-based, data-driven strategy for intervention for light & heavy vehicles involved in CMV crashes



# Countermeasures - Emerging Areas

- **Operation Safe Driver**
  - New CVSA/FMCSA campaign targeting unsafe driving practices of CMV & non-CMV drivers
- **New NSC Monitoring Function**
  - Comprehensive review of NSC standards to ensure they remain safety-relevant, up to date and effective
- **E-Technologies**
  - HoS EOBRs
  - TI in-cab brake monitoring



# Next Steps

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- CRA NSC management to continue
- Need for new means to impact CMV safety
- Looking forward to Human Factors TF recommendations & initiatives
- Soliciting further, ongoing assistance from RSRP, research community



# Thank You

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