

# **GOVERNMENT STATUS REPORT**



**TRANSPORT CANADA / TRANSPORTS CANADA**

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ESV 2007 June 18 – 21 Lyon, France



# Outline

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1. Road Safety Vision 2010.
2. Collision Investigations.
3. Crashworthiness Research
4. Crash Avoidance Research
5. Regulatory Initiatives



# Road Safety Vision 2010 Mid-Term Review

## Key Recommendations

### Implementation:

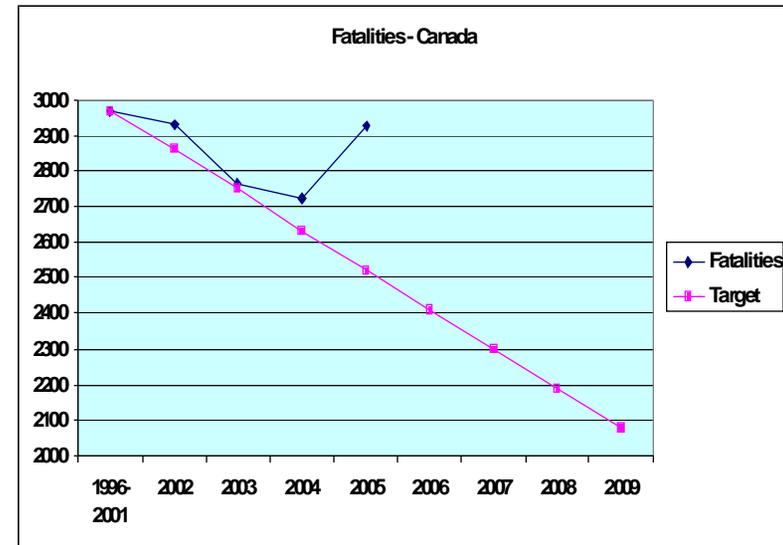
- Identification of lead agency
- Argue strongly for legislative change
- Clear accountabilities for performance

### Interventions:

- Increase resources to support enforcement
- Develop political will to acknowledge benefits of random breath testing and speed enforcement

### Results:

- Greatly improve timeliness of provision of current trauma outcome data to Ministers and the public





# Collision Investigation and Research



0110 airbag & knee bolster deployed

### Advance Airbag Systems



### Side Impact protection



### Rear Occupant Protection



### Special Collision Investigations

## Weather eyed in fatal 2-car crash

### Man killed, woman injured on Hwy. 7

By JON WILLING

Blustery weather likely contributed to a collision that killed a 25-year-old Mississauga man west of Carleton Place.

The crash happened around 8 a.m. yesterday on Hwy. 7 in Mississauga Hills Top, just west of Ramsey Concession 1A.

A westbound car driven by the man collided with an eastbound car driven by a 55-year-old woman from Irwinville-North Elmley Top, in Lanark County. The collision happened in the eastbound lane.

**Admitted to hospital**  
The man died at the scene. The woman was extricated from her car and airlifted to hospital with a broken wrist and internal injuries.

Police believed the woman's injuries were non-life-threatening. The names of the victims weren't released.

Police also believe road conditions

were a factor in the collision. There were some spots of black ice," said Lanark OPP Const. Paige Whiting, adding blowing snow made driving on the road difficult.

A section of the highway was closed while collision investigators examined the crash scene. It reopened at 1:20 p.m.

**Bus wreck, pileup**  
OPP investigators were also probing a Greyhound bus collision Thursday night on Hwy. 417 in which 14 children received minor injuries.

They also continue to investigate the giant Feb. 17 crash on Hwy. 417 near Embarras in which five people were killed. Officers are asking the public for help piecing together the crash, which involved 26 vehicles and killed five people. Any witnesses are asked to call the Embarras OPP office at (613) 463-4498.

The names of the victims weren't released.



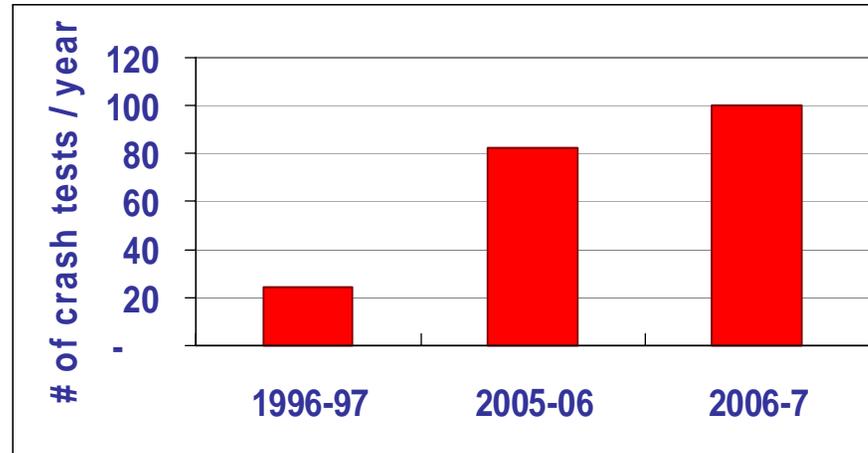
RESCUERS WORK at the scene of a fatal crash on Hwy. 7 west of Carleton Place yesterday. A 25-year-old Mississauga man was killed, while a 55-year-old Lanark County woman was hurt.

### Causes of Fatal Collisions



# Crashworthiness Research Program Growth

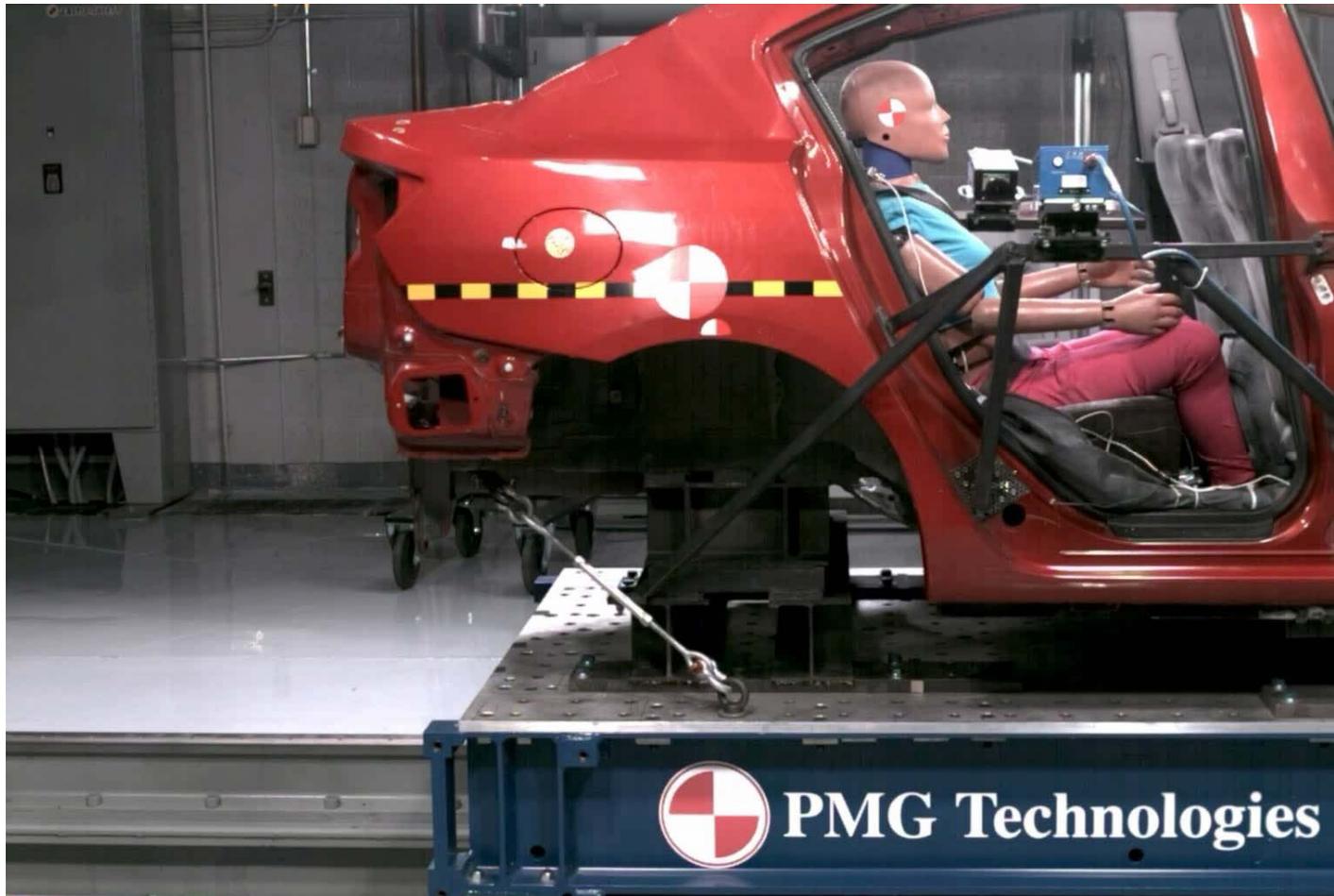
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1. Frontal protection: front & rear occupants
2. Side impact protection: near & far side occupants
3. Child protection: all child restraints & school buses
4. Dummy evaluation & development



# New Sled to Compliment Crash Tests





# Ergonomics and Crash Avoidance Research

- Electronic Stability Control:
  - Vehicle testing on dry vs. wet/snow-covered pavement ongoing since 2003.
  - Survey of Canadians in Feb 2006 → low level of awareness. Transport Canada to partner with other stakeholders to promote ESC to Canadians.



- Driver distraction countermeasures:
  - Assessment of standardized techniques for measuring distraction while driving (i.e., occlusion, lane-change task).
  - Transport Canada is negotiating with vehicle manufacturers regarding a memorandum of understanding (MOU) to reduce driver distraction from in-vehicle telematics devices.

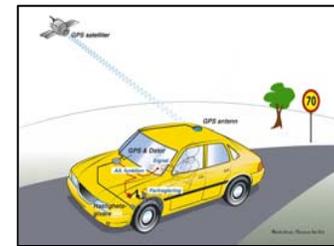




# Ergonomics and Crash Avoidance Research

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- Speed management:
  - Research on speeding, intelligent speed adaptation (ISA), and fuel cost displays ongoing.
  - Assessing impact of ISA and fuel displays on road safety and greenhouse gas emissions.



- Child restraint system usability:
  - Research examined the Universal Anchorage System (UAS) in a passenger vehicle and a school bus (as of April '07, buses required to be equipped with CRS anchors).
  - Need to raise awareness, also better identify anchors in both vehicle types.  
(Results presented to NHTSA public LATCH meeting Feb.'07).





# GTR Development

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- Canada lead the Motorcycle Brake GTR development, adopted by the UNECE, November 2006 (GTR No. 3)
- In process of incorporating GTR 1 (Door Locks) into the Canadian regulations
- Supporting GTR development for:
  - ESC (electronic stability control)
  - Head Restraints
  - Pedestrian Safety
  - Controls and Displays
- Work is beginning for H2 vehicle safety

