

# Road Transport

## Gap Analysis, MVIs & Road Safety Review

"Drive for Goal Zero - 2010"





SCAN LAND TRANSPORT SAFETY  
**GOAL ZERO - MUST WIN**

# Road Safety

- **Contractor Gap Assessment Analysis**
  - Findings
  - Solutions
- **MVI Review**
  - 2009 – Shell & Shell Contractor Incidents
  - 2010 – Shell & Shell Contractors Incidents (to date)
- **Facts**
  - AB
  - BC
- **“Eyes on the Road”**

**SAFETY IS A  
DEEPLY-HELD  
VALUE**

GOAL ZERO MEANS NO  
HARM TO PEOPLE AND NO  
SIGNIFICANT INCIDENTS  
GOAL ZERO CHANGES  
HOW WE THINK AND ACT  
GOAL ZERO IS POSSIBLE



ROAD



LOAD



TRUCK



DRIVER

# RT Gap Assessment Analysis

- Systematic approach (questionnaire) to assess contractor's due diligence and compliance
- Over 100 Shell 'approved' contractors have been assessed so far
- Opportunity for the Road Transport Specialist and contractor to work toward full compliance
- Inward looking tool for the betterment and improvement of Road Transport Safety for the contractor and Shell



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DRIVER

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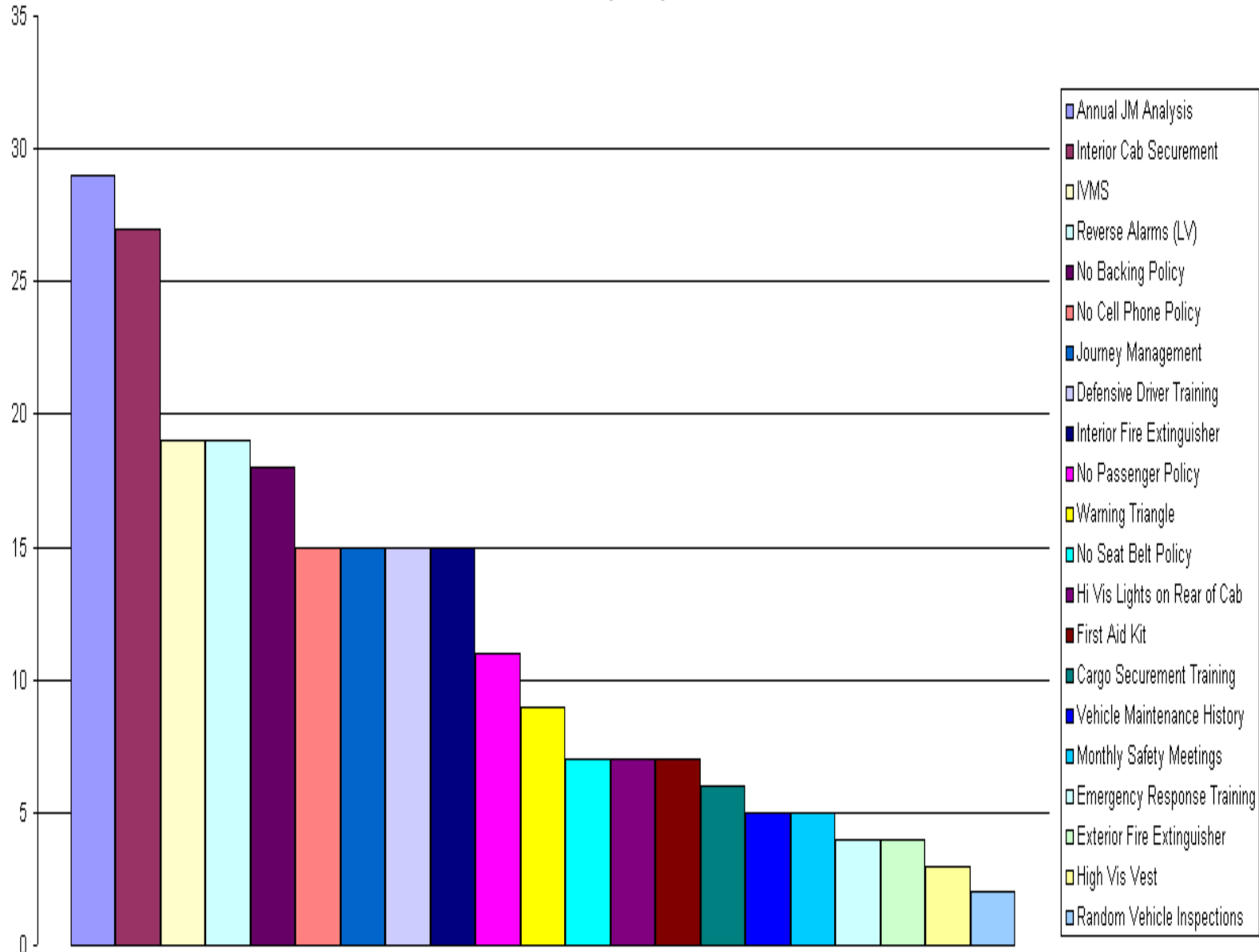
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## Contractor RT Gap Analysis "Top Gaps"



# Solution – Access/Egress



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# Solution – Bed Liners



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# Solution – Work Platforms

# MVI Review

- In 2009 there were ~ 343 MVIs
- January, 2010 to present there have been ~ 26 MVIs
- Backing incidents are the most prevalent **G.O.A.L.** – “Get Out And Look”
- Drive for **GOAL ZERO!**



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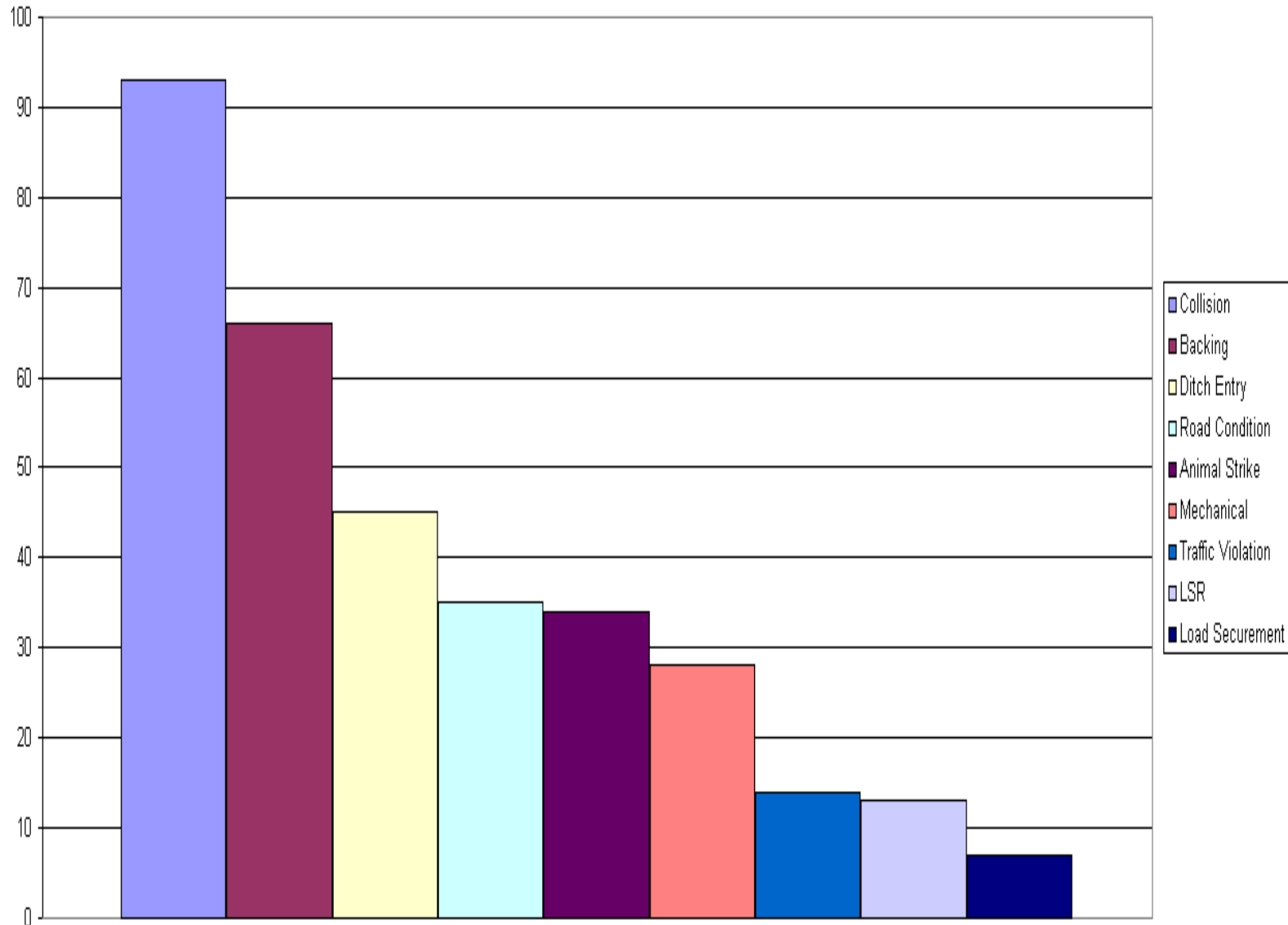
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# Road Transport MVIs - 2009

(UA and HO - Canada)

Groundbirch - 25 incidents



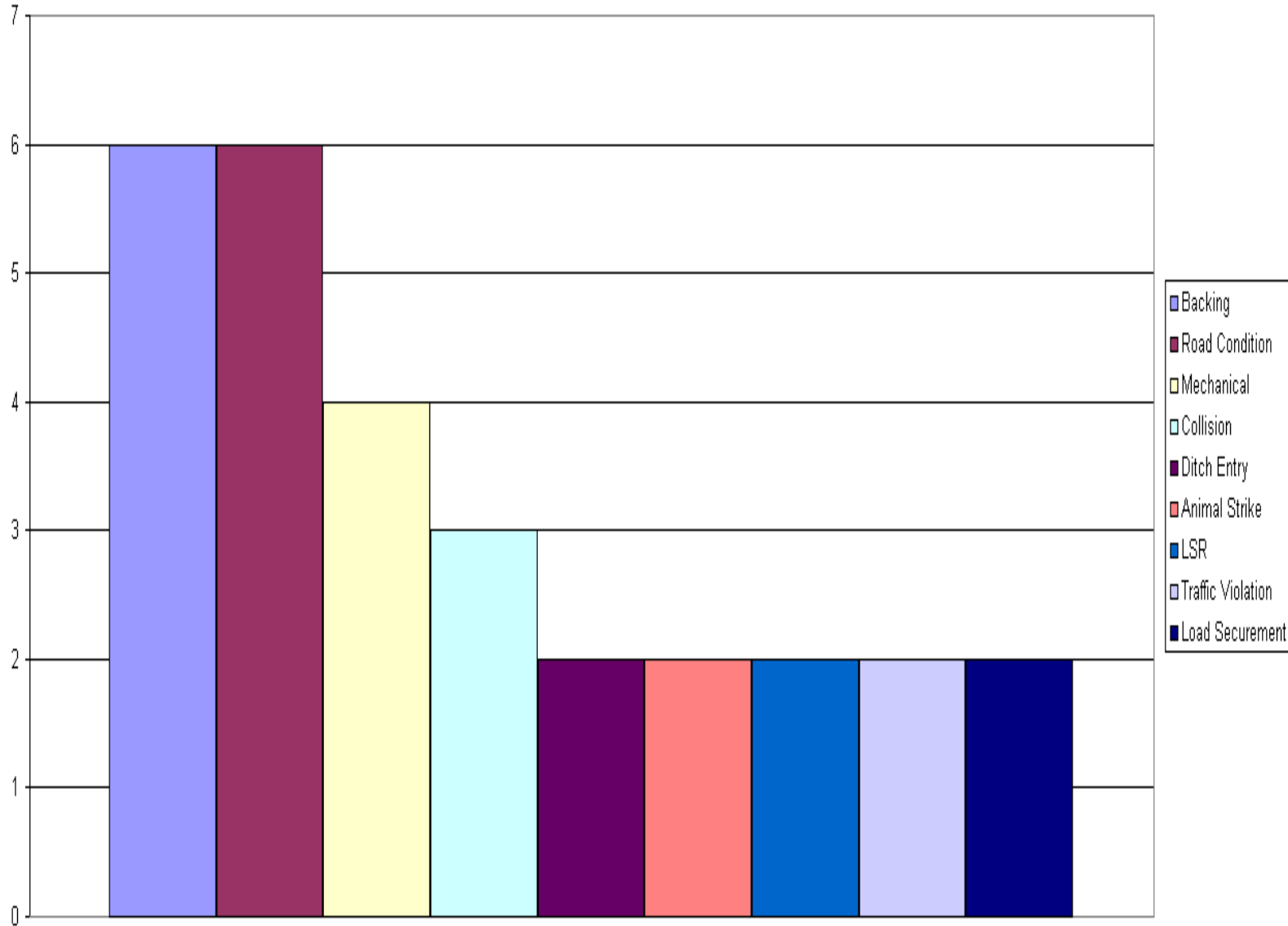
# Road Transport MVIs - 2010

(UA and HO - Canada)



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# Road Safety Facts

## Alberta Stats:

- 30 pedestrians a day are involved in some type of MVI in Calgary
- 20 workers died in motor vehicle incidents in 2009 vs. 50 in 2008
- On average, 441 people die on Alberta's roads annually, 1/4 of them from alcohol or drugs
- +15,000 is the number of people injured on Alberta's roads annually
- 75% of fatalities and injuries are caused by people who fail to wear their seatbelt
- The average cost to treat "belted vs. un-belted" occupants is 50% higher, 85% of the cost is passed onto YOU through health care insurance



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## BC Stats:

Over a 10-year period (1999 to 2009),

- Motor vehicle incidents have claimed 68 lives in the Oil/Gas and Forestry industries.
- The most common types of vehicles involved in resource road fatalities are:
  - are HGV 47% and
  - pickup trucks 41%.
- The most frequent type of collision was rollovers, accounting for nearly 64% of fatalities.
- Failure to wear seatbelts resulted in ejection from the vehicle, drowning as the result of no seatbelt, and jumping from the truck.



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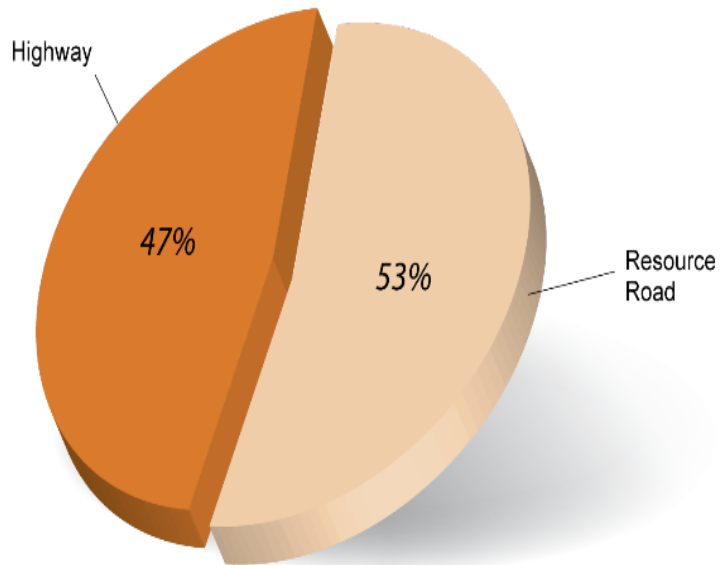


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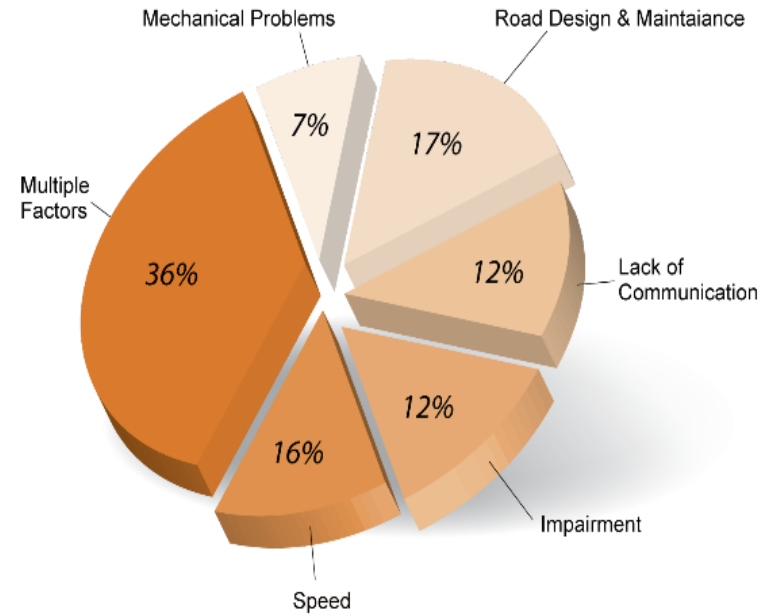
**Figure 1. Number of Fatalities – Resource Roads vs Highway**

WorkSafeBC 2009



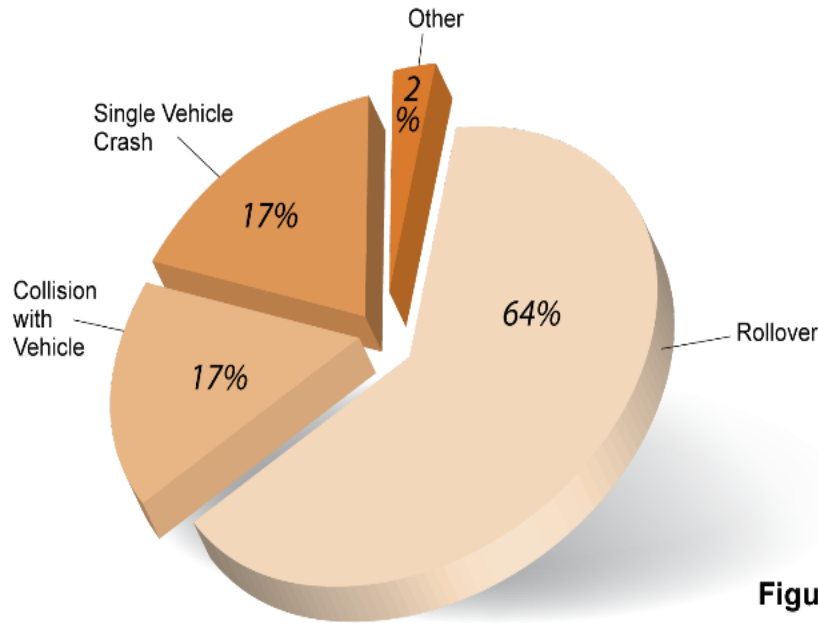
**Figure 2. Crash Causation Factors**

WorkSafeBC 2009

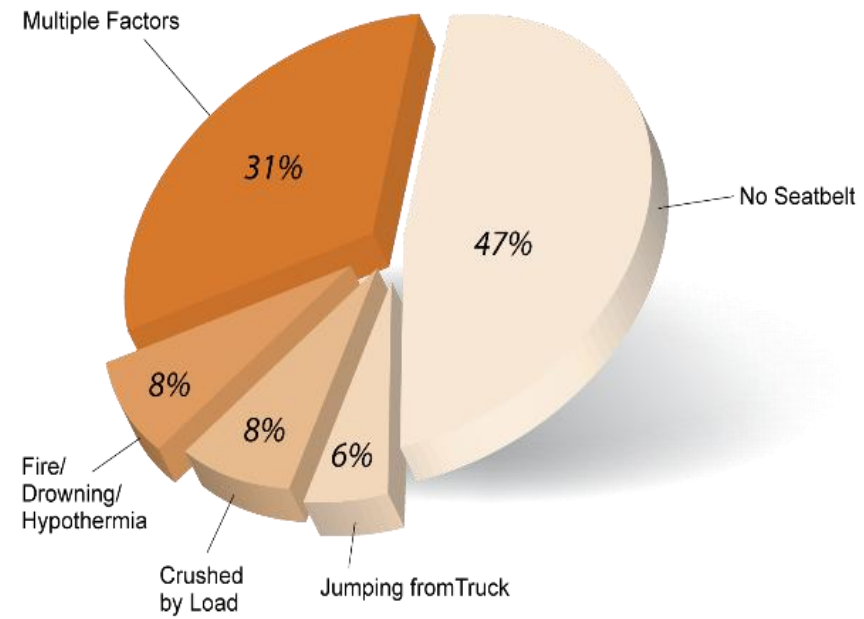


**Figure 4. Type of Collision**

WorkSafeBC 2009



**Figure 6. Contributing Factors to Injuries**



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# Texting/Cell Phone



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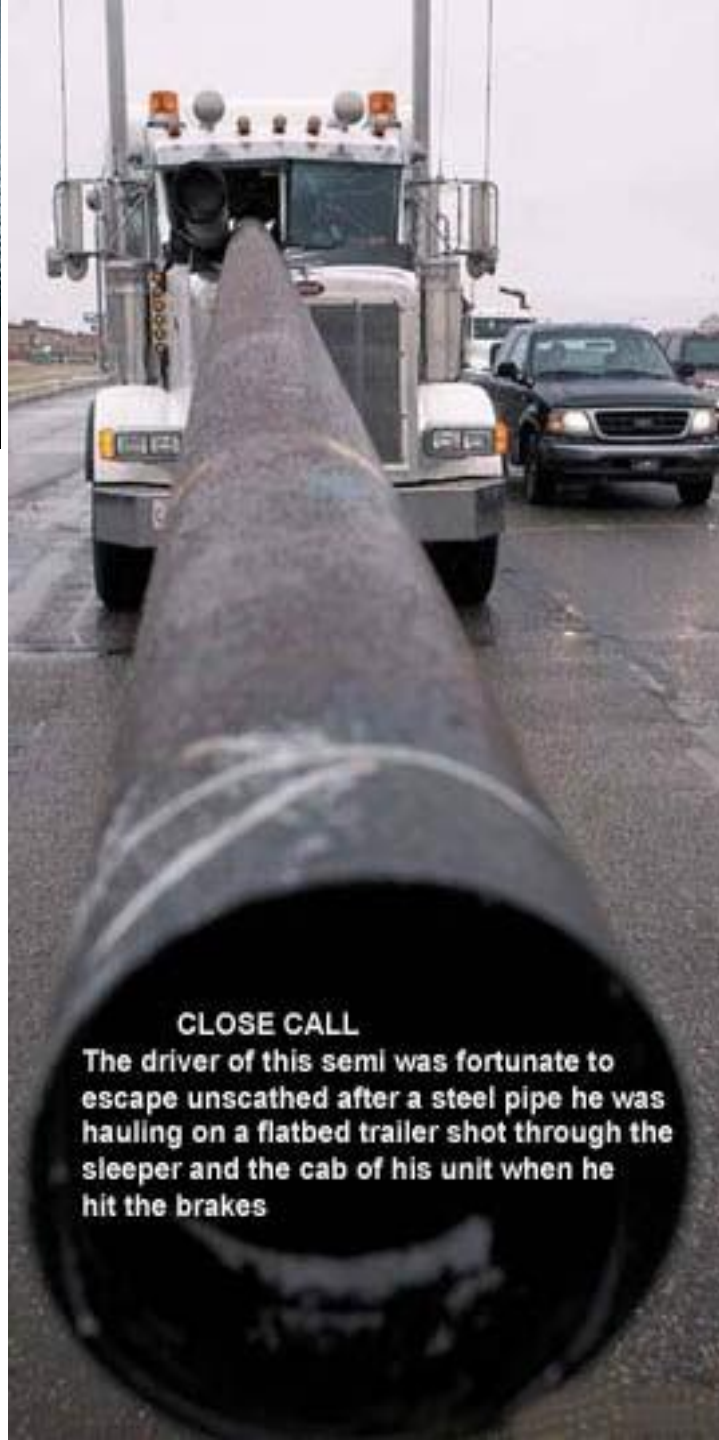


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# Rollovers



# Load Securement



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## CLOSE CALL

The driver of this semi was fortunate to escape unscathed after a steel pipe he was hauling on a flatbed trailer shot through the sleeper and the cab of his unit when he hit the brakes



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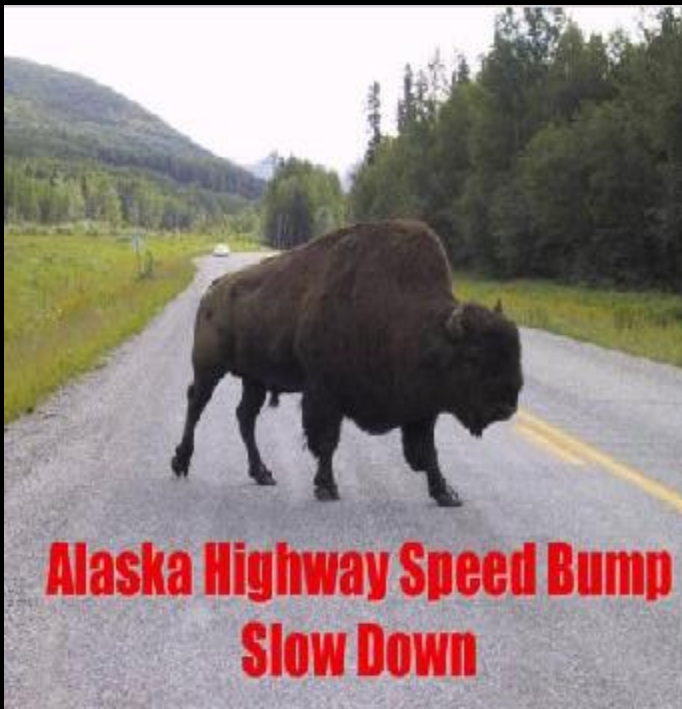
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# Animal Strikes



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**Alaska Highway Speed Bump  
Slow Down**



# Questions ?

## Life-Saving Rules – what are they?



Road Transport Safety

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