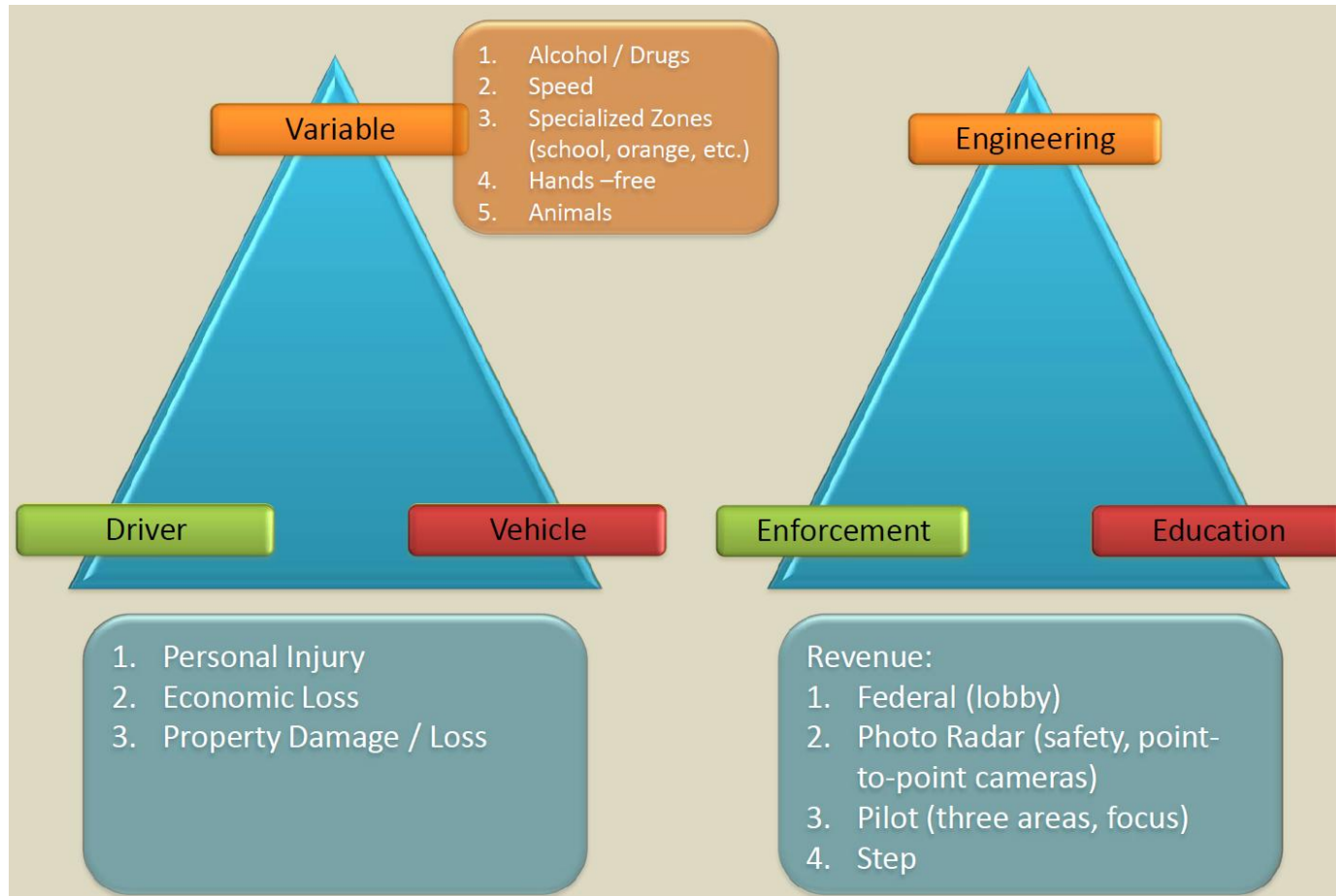


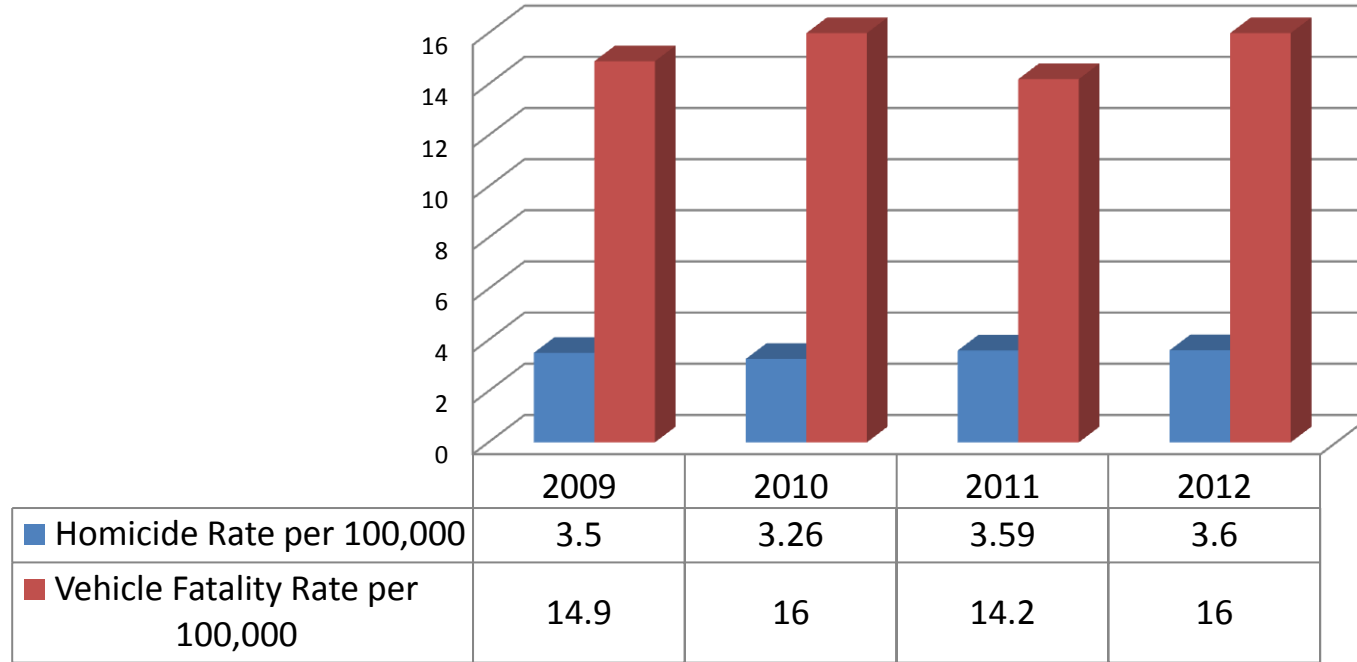


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Homicides vs Traffic Fatalities

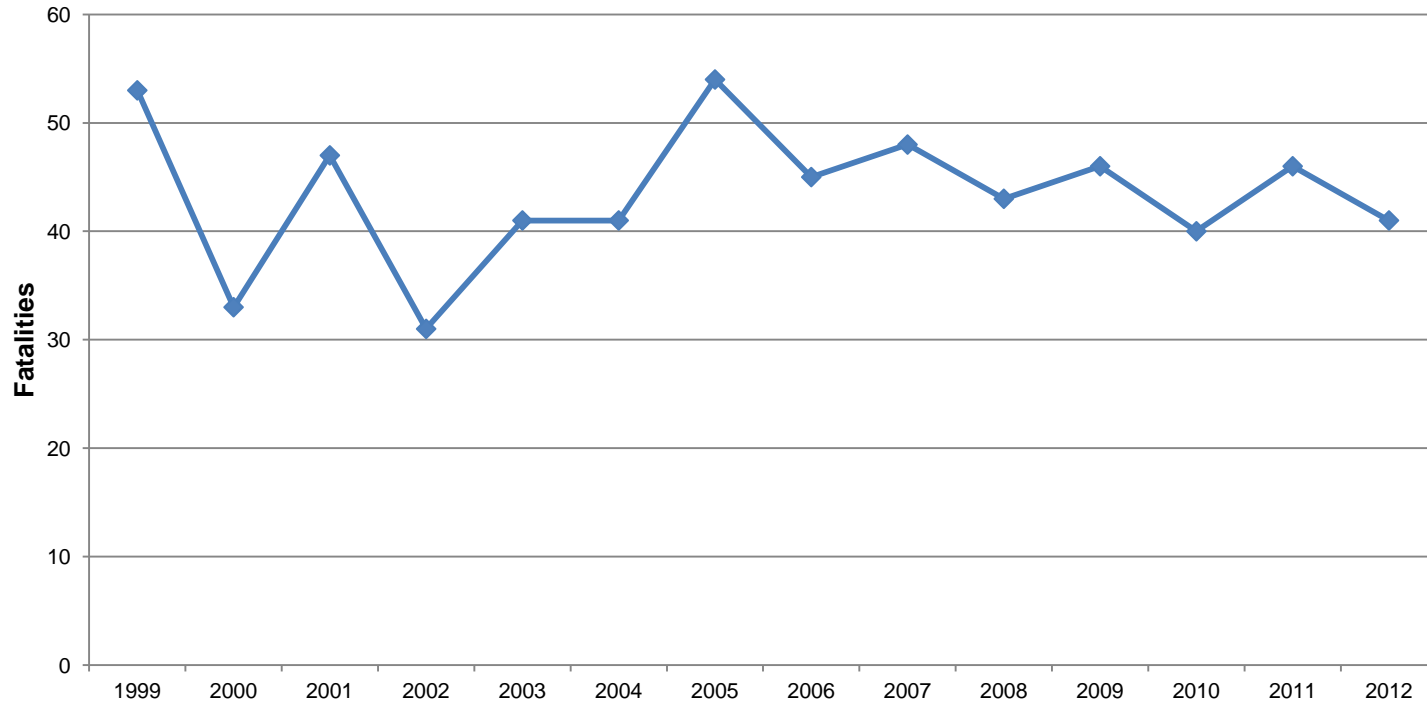
Homicide Rate vs Accident Fatality Rate per 100,000



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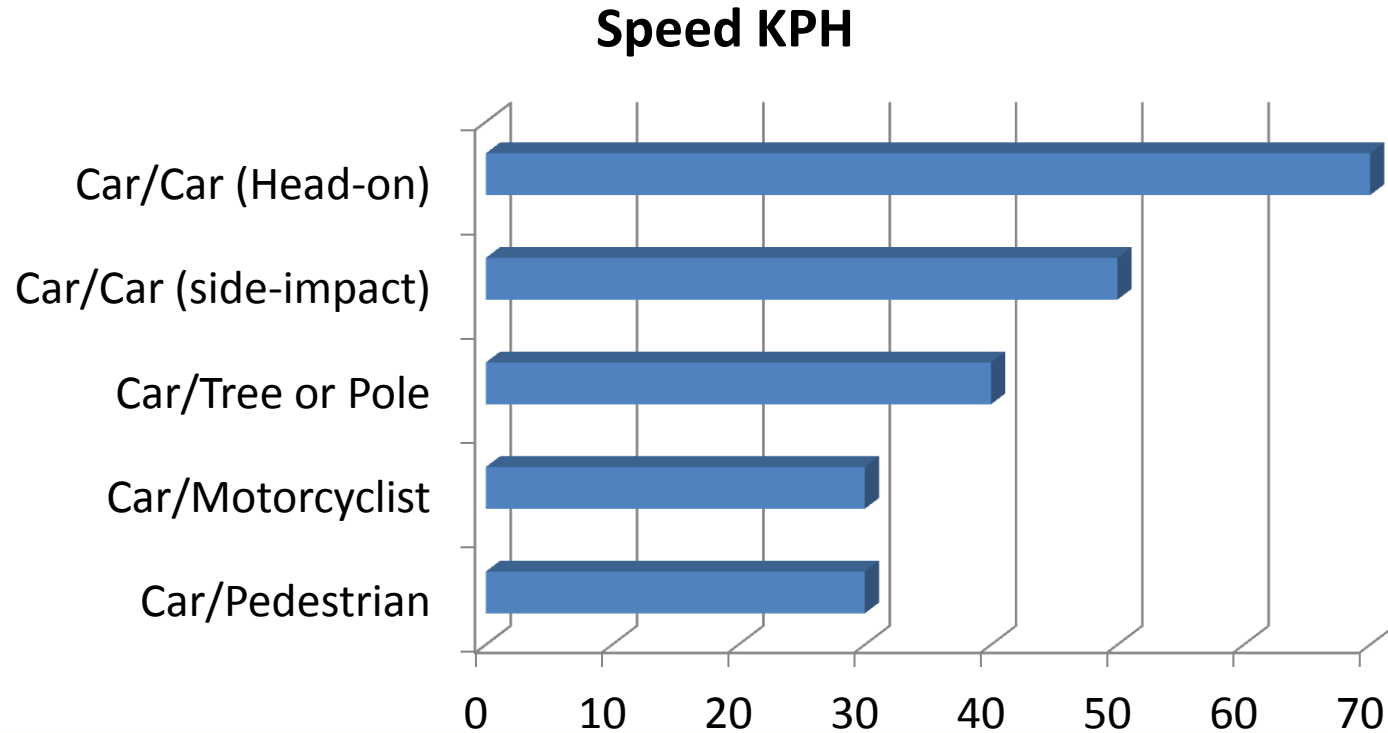
Speed Related Fatalities

Speed-related Fatalities by Year



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Survivability of Accidents



Possible Solution - Point to Point Speed Reduction

- Utilize a combination of fixed and mobile ALPR cameras
- Calculates the average speed of vehicles over the distance between the cameras
- Generates a reduction in speed over a greater distance than photo radar
- Established technology in Europe. (40 UK, 44 Italy, 4 Austria, 16 Netherlands)
- UK evaluation in Northamptonshire showed a 78% reduction of fatal and serious injuries in the first 5 years of operation.
- Not seen as a revenue grab by survey respondents



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Increased Visibility – Driver Reported Effectiveness

Driving Situation

	<i>Freeway</i>	<i>Country/ rural road</i>	<i>Typical urban street</i>	<i>Residential back streets</i>	<i>School zone</i>	<i>Crash black spot</i>	<i>None</i>
Fixed camera	69.7%	15.0%	27.7%	13.6%	57.5%	53.0%	3.0%
Overt mobile camera	59.2%	33.8%	46.2%	24.9%	50.1%	36.1%	1.3%
Covert mobile camera	44.8%	25.8%	36.5%	25.8%	34.2%	27.7%	17.6%
Marked patrol car in traffic	74.0%	36.8%	58.4%	36.5%	48.8%	39.3%	2.7%
Marked patrol car on side of road	62.7%	39.2%	49.4%	32.7%	56.3%	40.8%	2.6%
Overt hand-held radar operation	38.3%	31.6%	59.0%	40.1%	62.7%	33.8%	2.4%
Unmarked patrol car in traffic	57.0%	28.5%	38.4%	27.8%	36.9%	27.8%	21.3%
Covert hand-held radar operation	32.8%	24.4%	40.1%	32.7%	41.5%	25.6%	20.7%



Increased Visibility

- Step Program Teams
 - 24 dedicated officers
 - 12 - existing
 - 12 – 1 for 1
 - One team in the north, one in the south.
- RCMP Officers Dedicated to Traffic Enforcement



Alcohol Consumption

- Saskatchewan alcohol sales have increased 15.9% from 2000 to 2011
- More than 50% of males and approximately 45% of females between 18-24 consume more than 5 or more drinks at a sitting at least once a month.
- The Canadian Center for Substance Abuse recommends a combination of population level and targeted approaches to reduce alcohol related harm and costs in Canada.



Impaired Driving Responses

- Mandatory alcohol interlock devices for individuals who exceed .08 bac
- Zero tolerance for drivers under 22 years old as part of continued graduated license.



Accident Reduction Tactics

- Treat vehicle accidents as airplane or rail accidents. Thorough investigation with **enforceable** recommendations to avoid the incident in the future
- Consider seatbelt interlock
- Consider ISA devices for repeat speeding offenders.
- Consider variable speed limits based on weather and road conditions



Community Investment Bond Opportunities

- Consider a Community Investment Bond for traffic safety – potential for auto makers or other transport related investors
 - For increased interlock
 - For point to point cameras
 - For additional photo radar



Closing Review

1. Speed Controls – Point to Point, Variable Speed Limits
2. Impaired Driving – Mandatory Interlock, Zero Tolerance to 22
3. Accident Reductions – Accident Investigations, ISA Speed Devices
4. Community Investment Bond – Find Partners for Interlock or Point to Point Speed Control
5. Increase enforcement visibility – Step etc.
6. Lobby Manufacturers & Federal Government for Mandatory Interlock Devices





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