

Alcohol Related Motor Vehicle Fatalities in British Columbia, 2000 – 2013

The data in this report calculated the reduction in alcohol related fatalities¹ in B.C. following the implementation of the IRP program in September 2010.

The first 3 months of the IRP program occurred at the end of 2010. To obtain the estimated reduction in fatalities for this period, a baseline of the same 3 months from the previous five years was averaged.

Table 1: Pre IRP Alcohol Related Fatalities, 2000 – 2009

Calendar Year Jan – Dec	Alcohol Related Fatalities
2000	91
2001	121
2002	115
2003	102
2004	103
2005	129
2006	114
2007	128
2008	102
2009	92
10 Year Average (2000 – 2009)	110
5 Year Average (2005 – 2009)	113

Source: TAS Police Reports provided by ICBC Business Intelligence Competency Centre, December 31, 2013.

Table 2: Post IRP Fatality Calculation, Calendar Year Alcohol Related Driving Fatalities

	Estimated (5 Year Baseline Average)	Actual	Estimated Lives Saved (Reduction)	% Reduction
2010 (Oct – Dec)	26	11	15	58%
2011 (Jan – Dec)	113	68	45	40%
2012 (Jan – Dec)	113	48	65	58%
2013 (Jan – Dec)	113	48	65	58%
Total (39 Months)	365	175	190	52%
Annual Average	113	53.8²	59.2	52%

Source: TAS Police Reports provided by ICBC Business Intelligence Competency Centre, December 31, 2013. Preliminary fatality data for 2013 was provided by RCMP on January 7, 2014.³

¹ A **Motor vehicle fatality** is a road user (driver, passenger, pedestrian, and cyclist) who is injured in a collision involving a motor vehicle on a 'public highway' as defined in the *Motor Vehicle Act* and the victim is deceased within 30 days of the collision as a result their injuries.

² This was calculated as the annualized average for all available months. Annualized Average = (Total / 39 Months * 12 Months per Year)

³ Data on contributing factors in TAS has not yet been fully reconciled for 2013; therefore RCMP data is being used for the 2013 fatalities. The RCMP Traffic Services Division collects police reports on all road user fatalities in the province, including those that occurred in both RCMP and independent jurisdictions. Data may continue to settle and change slightly; fatalities for 2013 are preliminary and may change as the information is reconciled with ICBC and Coroner reports.