

Alcohol Related Fatalities

2001-2010 Data taken From TAS Quarterly*

*Data source and currency: **TAS Police Reports, 1996 to Present** from ICBC's Business Information Warehouse, **as of December 31st, 2011.**

2010-2011 Data obtained from RCMP

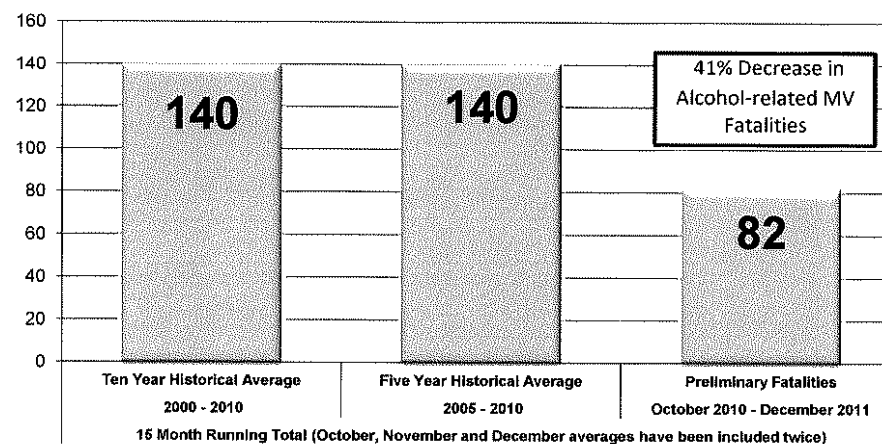
UPDATED: Mar 19 2012

Fatalities														
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
TAS	2001	7	8	13	11	10	14	10	13	13	11	9	2	121
	2002	3	7	7	5	12	15	8	12	12	12	8	14	115
	2003	8	5	6	3	13	8	10	12	12	10	4	11	102
	2004	5	3	6	6	8	11	10	17	10	14	8	5	103
	2005	6	6	8	18	9	14	10	11	15	10	9	13	129
	2006	14	9	9	9	10	14	6	9	4	12	11	7	114
	2007	8	7	13	11	16	9	12	8	13	15	4	12	128
	2008	7	15	7	6	11	6	10	12	7	9	4	8	102
	2009	4	8	3	7	9	14	8	13	8	7	8	3	92
	2010	12	14	6	9	5	17	10	16	11	3	3	5	111
RCMP	2011 RCMP	5	3	7	3	6	11	6	6	10	6	4	4	71
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Ten Year Average	7.4	8.2	7.8	8.5	10.3	12.2	9.4	12.3	10.5	11.1	7.2	8.3	113.3	
Five Year Average	9.0	10.6	7.6	8.4	10.2	12.0	9.2	11.6	8.6	10.6	7.2	8.6	113.6	

		Lives Saved		Reduction
15 Month Run	2000 - 2010 Ten Year Historical Average	140	58	41.4%
	2005 - 2010 Five Year Historical Average	140	58	41.4%
	October 2010 - Preliminary December Fatalities 2011	82		

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.

B.C. Alcohol Related Fatalities Since the Introduction of the IRP Program
October - December (15 Months)



Source

RCMP Traffic Services Division has collected the preliminary fatality data for all police regions in British Columbia. January 2011 – December 2011 preliminary fatality data provided by RCMP on March 19, 2012.

*Note: fatalities for 2011 are based upon RCMP reported data. Data is based on police accident reports and are subject to changes, settling and reconciliation. Data is dependent on matching fatalities with human contributing factors.

Preliminary data is provided by the RCMP after two whole months have passed in order to be considered settled enough for evaluation considering the definition and time required by police to complete their reports and for the RCMP to compile them.

A **Motor vehicle fatality** is defined as 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.

Historical data was extracted from TAS Police Reports provided by ICBC Business Intelligence Competency Centre, data extracted on December 31, 2011.

* TAS Police Reports are provided every three months. All police reports are included: police-attended reports as well as self-reported reports. Note that there is typically a 4 to 6 month delay for data to settle (i.e. 2010 data is considered settled by June 2011). Therefore, data from the TAS police reports is only used for evaluation purposes once a the 4 to 6 month settling period is over. The data is considered preliminary until it has been reconciled with BC Coroners Service and Police.

Method

Monthly data was taken from the TAS police extracts for Alcohol Related Driving Fatalities. Since the IRP program was introduced on September 20, 2010, the post intervention analysis begins with October 2010 data.

The sum for each year was calculated from October 2000 - September 2001 to October 2009 - September 2010. These 10 years were averaged for the 10 Year Average. (rounded 113)

For the Five year average was also calculated using, the yearly totals from calculated from October 2005 - September 2006 to October 2009 - September 2010. (rounded 113). In order to have a comparison to the post intervention data for 15 months, the preliminary intervention number was the yearly number plus the three months comparison for the same post intervention months ($10.6 + 7.2 + 8.6 + 113.6 = 140.0$)

The Preliminary data for January 2011 - December 2011 was obtained from RCMP. **(71)** The data for October 2010 - December 2010 **(11)** was added to this to obtain the post intervention preliminary fatality estimate **(82)**.

The Estimated Lives saved is the difference between the Five Year Average and the Preliminary Alcohol Related fatalities for October 2010 - December 2011. Since this is Fifteen months worth of post intervention data, it is compared to fifteen months pre intervention ($140 - 82 = 58$)

Steinmetz, Susanne K JAG:EX

From: Dave HOLLINS [Dave.Hollins@rcmp-grc.gc.ca]
Sent: Tuesday, April 17, 2012 9:53 AM
To: Steinmetz, Susanne K JAG:EX
Subject: RE: Alcohol Related Fatalities: 2011

Hi Susie,

The 2011 numbers have not changed. There were 5 alcohol related fatalities scored in January 2012.

Dave

Dave Hollins, C/M

Traffic Intelligence Analyst
Traffic Services HQ
RCMP "E" Division
604-539-2737

>>> "Steinmetz, Susanne K JAG:EX" <Susanne.Steinmetz@gov.bc.ca> 2012-04-16 15:01 >>>

Hi Dave,

I am looking for the alcohol fatality data again. Can you provide me with the data for January 2012 and let me know if the data for 2011 has changed from the attached spreadsheet?

Thank you,
Susie

From: Dave HOLLINS [<mailto:Dave.Hollins@rcmp-grc.gc.ca>]
Sent: Monday, March 19, 2012 4:05 PM
To: Steinmetz, Susanne K SG:EX
Subject: RE: Alcohol Related Fatalities: 2011

Hi Susie,

The numbers have not changed from the spreadsheet you attached. Still identical for now.

Dave

Dave Hollins, C/M

Traffic Intelligence Analyst
Traffic Services HQ
RCMP "E" Division
604-539-2737

>>> "Steinmetz, Susanne K SG:EX" <Susanne.Steinmetz@gov.bc.ca> 2012-03-19 09:25 >>>

Hi Dave,

When you have the chance, can you send me the updated numbers for 2011?

Thanks,

Susie Steinmetz

Research and Data Unit – Road User Safety

Program Data Analyst | Policy and Research | 250-953-8641
PO Box 9254 STN Prov Govt | Victoria BC | V8W 9J2
The Office of the Superintendent of Motor Vehicles
British Columbia Ministry of Justice

From: Dave HOLLINS [<mailto:Dave.Hollins@rcmp-grc.gc.ca>]
Sent: Friday, February 10, 2012 1:10 PM
To: Steinmetz, Susanne K SG:EX
Subject: Alcohol Related Fatalities: 2011

Hi Susie,

Here are the counts we have as of today.

2011 Alcohol Related Fatalities

DISTRICT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TO
Island District	0	0	2	0	3	0	2	0	2	0	1	0	10
Lower Mainland District	1	2	1	1	2	2	2	0	4	0	0	2	17
North District	2	0	0	1	1	3	1	4	0	4	0	0	16
Southeast District	1	1	3	1	0	4	1	2	4	2	3	2	24
"E" DIV. TOTAL	4	3	6	3	6	9	6	6	10	6	4	4	67
Independent Police (LMD)	1	0	1	0	0	2	0	0	0	0	0	0	4
Independent Police (Island)	0	0	0	0	0	0	0	0	0	0	0	0	0
British Columbia Total	5	3	7	3	6	11	6	6	10	6	4	4	71
Not Reportable	0	0	0	0	0	2	1	1	0	0	0	0	4
Total Alcohol Related Fatalities	5	3	7	3	6	13	7	7	10	6	4	4	75

Dave

Dave Hollins, C/M
Traffic Intelligence Analyst
Traffic Services HQ
RCMP "E" Division
604-539-2737