



## **Impaired Driving: Drinking, Drug Use & other Risky Behaviours Selected Bibliography**

*Prepared by: Reference Services, CAMH Library, Toronto, ON, Canada*

*This bibliography presents a selection of materials primarily from the CAMH Library on the topic of impaired driving, including recreational vehicles, with a focus on Ontario and Canada. Internet resources and sites are included. Its purpose is to serve as an introduction and overview of the topic, not an in depth literature review.*

Available online at: [http://www.camh.net/camh\\_library](http://www.camh.net/camh_library) Bibliographies and Guides.

### **Terminology**

Other terms for Impaired Driving:

**Driving Under the Influence, Drinking and Driving, Driving while Impaired, Drunk Driving, DWI and Drugs and Driving**

**BAC = Blood Alcohol Concentration**

**Current Legal BAC Limit (Canada):** 80 mg% = .08 grams% = 0.8 mg/ml

### **Legislation Update**

**Drug Impaired Driving**, effective July 2008

Recent legislation that amends the Criminal Code entitled the **Tackling Violent Crime Act** empowers police to broaden roadside impairment checks to include a Standardized Field Sobriety Test which checks for physical coordination. If found impaired, the driver must then submit to a mandatory Drug Evaluation and Classification (DEC) which involves providing a bodily fluid sample for analysis. Previous to this legislation, drivers had to agree to the DEC. In addition, new and more prohibitive penalties have been introduced.

For a good overview, see the Legislative Summary prepared by the Library of Parliament:

<http://www.parl.gc.ca/39/2/parlbus/chambus/house/bills/summaries/c2-e.pdf>

Resources are listed under the following headings:

- Historical Information
- General Readings
- Aggressive Driving and Road Rage
- Countermeasures / Law
- Prevention
- Treatment / Rehabilitation
- Statistical Reports
- For the Public
- Web Sites

## **Historical Information**

Alcohol and Highway Safety 1984: a Review of the State of the Knowledge. Washington, DC: National Highway Traffic Administration, 1985. HE 5620 .D7 A398 1985.

Reviews key studies, which define the extent of alcohol involvement in traffic accidents, and the development of BAC limits for drivers.

The Drinking/Driving Dilemma: History, Experience, and Strategies. Best Advice Series. Toronto: Addiction Research Foundation, 1986. HE 5620 .D7 D745 1985

Liban, Carolyn B., Evelyn Vingilis and Holly Bleggen. The Canadian drinking-driving countermeasure experience. Accident Analysis and Prevention 19(3): 159-81 (1987). HE 5620 .D7 L5 1987

Wilson, R. Jean and Robert E. Mann. Drinking and Driving: Advances in Research and Prevention. New York: The Guilford Press, 1990. HE 5620 .D7 D7365.

See the Introduction for a brief overview of the development of the state of the knowledge from the early 1960s and the significant strategies to combat the alcohol crash problem.

## **General Readings**

Alcohol, Drugs and Traffic Safety; Proceedings of the International Conference on Alcohol, Drugs and Traffic Safety. Triennial (exception: 1997). HE 5620 .D7 I56

Beirness, Douglas J., Daniel R. Mayhew and Herbert M. Simpson. DWI Repeat Offenders: A Review and Synthesis of the Literature. Ottawa: Health Canada, 1997. HE 5620 .D7 B4526 1997

Beirness, Douglas J. and Herbert M. Simpson. Study of the Profile of High-Risk Drivers. Ottawa, ON: Transport Canada, 1997. HE 5620 .D7 B454 1997

Cannabis and Driving FAQs / FAQ sur le cannabis au volant. Ottawa, ON: CCSA / CCLAT, 2004.

Available at: <http://www.ccsa.ca> . See Topics – Substances/Addictions - Cannabis

Fetherston, James, Simon Lenton and Rina Cercarelli. The Repeat Drink Drivers Study. Perth, Australia: The National Drug Research Institute, 2002. HE 5620 .D7 F43 2002

Grotenhermen, F. et al. Developing limits for driving under cannabis. Addiction 102 (12) 1910-17 (2007)

Mann, Robert E. et al. Drinking-driving fatalities and consumption of beer, wine and spirits. Drug and Alcohol Review 25 (4): 321-326 (2006)

McKnight, A.J. Why People Drink and Drive: the Basis of Drinking and Driving Decisions. Washington, DC: National Highway Traffic Safety Administration, 1995. HE 5620 .D7 W625 1995

Miller, Ted, et al. How Drunk are U.S. Drivers: Measuring the Extent, Risks and Costs of Drunk Driving? In Annual Proceedings: Association for the Advancement of Medicine, 353-68. Des Plaines, IL: The Association, 1998. RC 1040 .A58 1998

Reducing the Harms of Alcohol Related Collisions. CAMH Position / Réduire les méfaits causés par l'alcool au volant. Position du CTSM. Toronto: CAMH/CTSM, 2000.

Online at <http://www.camh.net>. Influencing Policy – Public Policy Submissions.

Robertson, Robyn D., Ward Vaniaar and Herbert M. Simpson. 10 Steps to a Strategic Review of the DWI System: A Guidebook for Policymakers: Proceedings of the 3<sup>rd</sup> Annual Meeting of the Working Group on DWI System Improvements. Ottawa, ON: Traffic Injury Foundation of Canada. HE .D7 R6265 2007

Rockerbie, Russell A. Alcohol and Drug Intoxication. Victoria, BC: Trafford Publishing, 1999. QP 801 .A3 R625 1999. Chapter 9 includes tests for recognition of impairment.

Skog, Ole-Jorgen. Alcohol Consumption and Fatal Accidents in Canada 1950-98. Addiction 98 (7): 883-93 (2003).

Stoduto, Gina, Edward M. Adlaf and Robert E. Mann. Adolescents, bush parties and drinking-driving. Journal of Studies on Alcohol 59: 544-48 (1998)

Wilson, R. Jean and Robert E. Mann. Drinking and Driving: Advances in Research and Prevention. New York: The Guilford Press, 1990. HE 5620 .D7 D7365 1990

### **Aggressive Driving and Road Rage**

Asbridge, Mark, Reginald G. Smart and Robert E. Mann. Can we prevent road rage? Trauma Violence and Abuse 7 (2): 109-21 (2006)

Butters, Jennifer et al. Illicit drug use, alcohol use and problem drinking among infrequent and frequent road ragers. Drug and Alcohol Dependence 80 (2): 169-176 (2005)

Galovski, Tara E., Loretta S. Malta and Edward B. Blanchard. Road Rage: Assessment and Treatment of the Angry, Aggressive Driver. Washington, DC: American Psychological Association, 2006. HE 5620 .A 35 G347 2006

Mann, Robert E. et al. Alcohol consumption and problems among road rage victims and perpetrators. Journal of Studies on Alcohol 65(2): 161-8 (2004)

Mann, Robert E. et al. Road rage and collision involvement. American Journal of Health Behavior 31 (4): 384-91 (2007)

Road Rage in Ontario. Toronto: Centre for Addiction and Mental Health. CAMH Population Studies eBulletin, 2003. HE 5620 .A35 R63 2003

Smart, Reginald G. et al. Road rage victimization among adolescents. Journal of Adolescent Health 41 (3): 277-82 (2007)

Vaniaar, Ward. The Road Safety Monitor: Aggressive Driving. Ottawa, ON: Traffic Injury Research Foundation, 2007. HE 5614.5 .C2 R634 2007

Williams, Allan F. Risky Driving Behavior among Adolescents. In New Perspectives on Adolescent Risk Behavior, ed. Richard Jessor, 221-37. Cambridge, UK: Cambridge University Press, 1998. RJ 506 .R57 N48 1998

### **Countermeasures / Law**

Alcoholic Beverage Taxation and Control Policies: International Survey. Ottawa, ON: Brewers Association of Canada, 1997. HD 9350.8 .A1 B76 1997. Last update.

Includes an international review of DWI legislation, including BAC limits.

Beirness, Douglas J. Best Practices for Alcohol Interlock Programs. Ottawa: Traffic Injury Research Foundation, 2001. HE 5620 .D7 B4524 2001

Beirness, Douglas J., et al. Dealing with DWI Offenders in Canada; an Inventory of Procedures and Programs. Ottawa, ON: Health Canada, 1994. HE 5620 .D7 B49 1994

Beirness, Douglas J., et al. Evaluation of Administrative Licence Suspension and Vehicle Impoundment Programs in Manitoba. Ottawa, ON: Transport Canada, 1997. HE 5620 .D7 B453 1997

Beirness, Douglas J. and Herbert M. Simpson. The Safety Impact of Lowering the BAC Limit for Drivers in Canada. Ottawa, ON: Traffic Injury Research Foundation of Canada, 2002. HE 5620 .D7 B4538 2002

Blood Alcohol Concentration Limits Worldwide. ICAP Reports 11. Washington, DC: International Center for Alcohol, 2002. HE 5620 .D7 B497 2002.

Available at: <http://www.icap.org>. See Publications, ICAP Reports. For a more up-to date table, go to Policy Issues – Drinking and Driving. See BAC Table, updated Feb. 2007.

C-2 Announcement Backgrounder (Bill C-2, Tackling Violent Crime). Ottawa, ON: CCSA, 2008.

Backgrounder to the CCSA News Release June 25, 2008, New law puts alcohol and drugs on an equal footing in roadside checks for impaired driving, and promises to reduce driving “high”.

<http://www.ccsa.ca>

Clayton, Andrew B. Which Way Forward? A Review of Drink Driving Countermeasures in Selected Countries World-Wide. London: The Portman Group, 1997. HE 5620 .D7 C525 1997

Combating Hardcore Drunk Driving: a Sourcebook of Promising Strategies, Laws and Programs. Washington, DC: The Century Council, 1997. HE 5620 .D7 C647 1997

Countermeasures that Work: A Highway Safety Countermeasure Guide for State Highway Safety Offices. Washington, DC: National Highway Traffic Safety Administration, 2006.

<http://www.nhtsa.dot.gov/people/injury/airbags/Countermeasures/index.htm>

Fell, James C. and Robert B. Voas. The effectiveness of reducing illegal blood alcohol concentration (BAC) limits for driving: evidence for lowering the limit to .05 BAC. Journal of Safety Research 37 (3): 233-43 (2006)

Jonah, Brian A., et al. Front-line Police Officers' Perceptions and Attitudes About the Enforcement of Impaired Driving Laws in Canada / Perceptions et attitudes de policiers de première ligne concernant l'application des lois contre la conduite avec facultés affaiblies au Canada. Ottawa, ON: Transport Canada, 1997. HE 5620 .D7 F76 1997 / HE 5620 .D7 F7614 1997

Mann, Robert E., et al. Assessing the Potential Impact of Lowering the Legal Blood Alcohol Limit to 50 mg% in Canada / Évaluation des incidences éventuelles de la réduction du taux d'alcoolémie légal a 50 mg% au Canada. Ottawa, ON: Transport Canada, Safety and Security, 1998. HE 5620 .D7 A759 1998 / HE 5620 .D7 A75914 1998

Mann, Robert E., et al. The early effects of Ontario's Administrative Driver's Licence Suspension Law on driver fatalities with a BAC>80 mg%. Canadian Journal of Public Health 93(3): 176-80 (2002)

Mann, Robert E., et al. The effects of drinking-driving laws: a test of the differential deterrence hypothesis. Addiction 98(11): 1531-6 (2003).

Paciocco, David M. Canada's Blood Alcohol Laws: An International Perspective. Ottawa, ON: Canada Safety Council, 2002. HE 5620 .D7 P33 2002

Problems with DWI arrests, convictions, and sentencing; proceedings of an International Symposium held in Santa Monica, CA, May 30-June 2, 1991. Ed. Herbert Moskowitz. Alcohol, Drugs and Driving 7(3-4) (1991). Theme Issue.

Robertson Robyn D. and Herbert M. Simpson. DWI System Improvements for Dealing with Hardcore Drinking Drivers: Adjudication & Sanctioning. Vols. 1 & 2. Ottawa, ON: Traffic Injury Research Foundation, 2002. HE 5620 .D7 R6262 2002

Robertson, Robyn D. and Herbert M. Simpson. DWI System Improvements for Dealing with Hardcore Drinking Drivers: Prosecution. Vols. 1 & 2. Ottawa, ON: Traffic Injury Research Foundation, 2002. HE 5620 .D7 R626 2002

Setting Limits, Saving Lives; the Case for .08 BAC Laws. Washington, DC: National Highway Traffic Safety Administration, 1997. HE 5620 .D7 S47 1997

Wagenaar, Alexander C. et al. Effects of legal BAC limits on fatal crash involvement: analyses of 28 states from 1976 through 2002. Journal of Safety Research 38 (5): 493-9 (2007)

### **Prevention**

Blazing New Trails: Guiding Your Way through and Alcohol Policy / Tracer de nouveaux sentiers: trace la voie d'une politique de gestion de l'alcool. Toronto: Addiction Research Foundation, 1997. GV 875 .S6 B43 1997 / GV .S6 B4314 1997. Kit. Includes video. Re: Snowmobiling.

Determining medical Fitness to Operate Motor Vehicles: CMA Driver's Guide. 7th Edition. Ottawa, ON: Canadian Medical Association, 2006. TL 152.35 .D47 2006. Online, French & English: <http://www.cma.ca>.

Graham, John. Strategic Advertising Plans to Deter Drunk Driving. Washington, DC: National Highway Traffic Safety Administration, 1996. HE 5620 .D7 S8827 1996

Hingson, Ralph. Prevention of drinking and driving. Alcohol Health & Research World 20(4):219-9 (1996).

Operation Lookout; Program Guide. Brampton, ON: Against Drunk Driving (ADD), 1995. HE 5620 D7 O64 1995

Reducing the Harms of Alcohol Related Collisions. Best Advice Series. Toronto: Centre for Addiction and Mental Health, 2002. HE 5620 .D7 R435 2002

Safe and Sober Operator; a Community Action Manual to Promote the Safe Operation of Recreational Vehicles and Boats / Programme de sécurité et de sobriété; guide communautaire pour la conduite sûre des véhicules et des bateaux. Toronto: Addiction Research Foundation, 1994. GV 775 .S34 1994 / GV 775 .S3414 1994

Silverman, Gloria and Laurie-Ann McGrath. Drinking, Drugs and Driving: Tips for Driver Educators. Toronto: Addiction Research Foundation, 1996. HE 5620 .D65 S53 1996

Strategy to Reduce Impaired Driving: STRID 2001 Monitoring Report: Progress in 2000 and 2001. Ottawa: Traffic Injury Research Foundation, 2002. HE 5620 .D7 S766 2002

### **Treatment / Rehabilitation**

Best Practices: Treatment and Rehabilitation for Driving While Impaired Offenders/Meilleures pratiques: Traitement et réadaptation des contrevenants dans les cas de conduite avec facultés affaiblies. Ottawa, ON: Health Canada, 2004. HE 5620 .D7 B494 2004 / HE 5620 .D7 B49414 2004. Available online.

Cavaiola, Alan A and Charles Wuth. Assessment and Treatment of the DWI Offender. New York: Haworth Press, 2002. HE 5620 .D7 C385 2002

Jones, Ralph K., et al. Evaluation of Alternative Programs for Repeat DWI Offenders. Washington, DC: National Highway Traffic Safety Administration, 1996. HE 5620 .D7 J6625 1996

Mann, Robert E. Effectiveness of DUI Treatment and the Importance of Screening and Matching Clients to Appropriate Treatment. In Proceedings of the Drinking and Driving Prevention Symposium, November 15-17, 1992, 117-127. Ontario, CA: Automobile Club of Southern California, 1992. HE 5620 .D7 M3665 1992

**Remedial Measures, Back on Track Program for Impaired Drivers** (Ontario) <http://www.remedial.net>  
See brief description in section For the Public.

Rootman, Irving et al. Predictors of completion status in a remedial program for male convicted drinking drivers. Journal of Studies on Alcohol 66 (3): 423-427 (2005)

Spoerer, Edgar, Maria M. Ruby, and Markus Jensch. Back to the Wheel; Theory and Practical Experience in the Rehabilitation of Traffic Offenders. Cologne: Research Society, 1997. HE 5620 .D7 S725 1997

Stoduto, Gina, et al. Existing Remedial Programs for Convicted Drinking-Drivers in Canada. Toronto: Addiction Research Foundation, 1998. HE 5620 .D7 E95 1998

Strategies for Dealing with the Persistent Drinking Driver. Washington, DC: Transportation Research Board, 1995. HE 5620 .D7 S883 1995

White, William and David L. Gasperin. The "hard core drinking driver": identification, treatment and community management. Alcoholism Treatment Quarterly 25 (3) 2007: 113-32 (2007)

### **Statistical Reports**

The Alcohol-Crash Problem in Canada. Ottawa, ON: Transport Canada.  
Prepared by the Traffic Injury Research Foundation of Canada, <http://www.trafficinjuryresearch.com>.

Alcohol Use By Drivers Fatally Injured in Motor Vehicle Accidents in Canada. / Consommation d'alcool chez les conducteurs mortellement blessés dans des accidents de la route au Canada. Ottawa, ON: Transport Canada. HE 5620 .D7 A4525 Statistics . Reports for 1990 to 1995 available.

Bryant, C. et al. Alcohol, Trauma and Impaired Driving. 3<sup>rd</sup> edition. Mississauga, ON: Mothers Against Drunk Driving, Centre for Addiction and Mental Health, 2006. RA 772 .A25 S665 2006

Cannabis Use and Driving Among Ontario Adults. Toronto: Centre for Addiction and Mental Health. CAMH Population Studies eBulletin, 2003. HE 5620 .D65 2003

Janhevich, Derek, Maire Gannon and Nicolas Morisset. Impaired Driving and Other Traffic Offences – 2002. Ottawa, ON: Statistics Canada, Canada Centre for Justice Statistics, 2002  
HE 5620 .D7 J36 2003. Statistics

Ontario Road Safety Annual Report. Toronto: Ontario Ministry of Transportation. HE 5614.5 .C34 O55 Statistics Collection. Available in English and French on MTO web site.

Ontario Road Safety Facts: Drinking and Driving in Fatal Crashes. Toronto: Ontario Ministry of Transportation. HE 5620 .D7 O557 Statistics Collection. 1996 and 1998 reports.

Ontario Road Safety Facts 1996: Fatal Crashes. Toronto: Ministry of Transportation, 1998. HE 5614.5 .C34 O554 1998 Statistics Collection.

Road Safety Monitor Reports. Traffic Injury Research Foundation of Canada (TIRF): Ottawa, ON. Based on the annual Road Safety Monitor national public opinion survey of drivers.

Topics vary and include Drugs and Driving. See the TIRF website, <http://www.trafficinjuryresearch.com> and/or check the CAMH Library catalogue.

Self-reported Drinking and Driving Decreases in Ontario. CAMH Population Studies eBulletin. Toronto: Centre for Addiction and Mental Health, 2007. HE 5620 .D7 S4364 2007.

Townsend, Tara N. Driving After Drug or Alcohol Use: Findings From the 1996 National Household Survey on Drug Abuse. Rockville, MD: Substance Abuse and Mental Health Services Administration, 1996. HE 5620 .D65 D738 1996

Trends in Alcohol-Related Fatal Traffic Crashes, United States 1977-2001. Rockville, MD: National Institute on Alcohol Abuse and Alcoholism. Surveillance Report Series. HE 5620 .D7 T73 Statistics Collection.

The 1977-2004 report, published Aug. 2006, is available online through a link from: <http://pubs.niaaa.nih.gov/publications/surveillance.htm>

### **For the Public**

Smashed: The Magazine on Drinking and Driving / Impact: la revue de l'automobile et de la sobriété. 2<sup>nd</sup> Edition. Ottawa, ON: Transport Canada, 1999. HE 5620 .T727 1999 / HE 5620 .T72714 1999

The Third edition, Smashed: Again...and again is now available online at Transport Canada's website.

**Pamphlets from CAMH** : Available online or call 1-800-463-6273, or 416-595-6111

Do You Know...Alcohol, Other Drugs and Driving

Test Your Road Rage. Toronto: Centre for Addiction and Mental Health, Ontario Provincial Police. Card: Test with scoring on one side, Tips on the reverse.

### **Remedial Measures, Back on Track Program for Impaired Drivers**

All persons charged with impaired driving in Ontario since 1998 must complete the Back on Track Program, available through selected alcohol & drug treatment services throughout Ontario. For information, visit the Web site, <http://www.remedial.net> or call 1-888-814-5831, Toronto: 416-595-6593. After completion, some clients may require a medical assessment to initiate license reinstatement.

### **Web Sites**

**MADD (Mothers Against Drunk Driving)** Canada: <http://www.madd.ca>

**National Highway Traffic Safety Administration (US)**: <http://www.nhtsa.dot.gov>

**OCCID (Ontario Community Council on Impaired Driving)**: <http://www.occid.org>

**Ontario Ministry of Transportation**: <http://www.mto.gov.on.ca>

**Traffic Injury Research Foundation**: <http://www.trafficinjuryresearch.com>

**Transport Canada**: <http://www.tc.gc.ca>