

BIBLIOGRAPHY - .05 BAC Limit Saves Lives
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AAA Foundation for Traffic Safety. 2022. *2021 Traffic Safety Culture Index*.\
<https://aaafoundation.org/wp-content/uploads/2022/11/2021-TSCI-Full-Report.pdf>

Albalade, Daniel. 2008. *Lowering Blood Alcohol Content Levels to Save Lives: The European Experience*. *Journal of Policy Analysis and Management* 27(1): 20–39.

Bartl, G.; Esberger, R. *Effects of lowering the legal BAC limit in Austria*. In: Laurell, H.; Schlyter, F., editors. *Proceedings of the 15th International Conference on Alcohol, Drugs and Traffic Safety; International Council on Alcohol, Drugs and Traffic Safety (ICADTS); 22–26 May 2000; Stockholm, Sweden*. 2000.

Blomberg, RD.; Peck, RC.; Moskowitz, H.; Burns, M.; Fiorentino, D. *Crash Risk of Alcohol Involved Driving: A Case–Control Study*. Stamford, CT: Dunlap & Associates, Inc.; 2005.

Brooks, C.; Zaal, D. *Effects of a 0.05 Alcohol Limit in the Australian Capital Territory*. Canberra, Australia: Federal Office of Road Safety MR; 1992. p. 10

Byrne, Patrick A., Tracey Ma, Robert E. Mann, and Yoassry Elzohairy. 2016. *Evaluation of the General Deterrence Capacity of Recently Implemented (2009–2010) Low and Zero BAC Requirements for Drivers in Ontario*. *Accident Analysis and Prevention* 88 (March): 56–67.

CDC *Injury Prevention and Control, Motor Vehicle Safety, Impaired Driving: Get the Facts*. www.cdc.gov/motorvehiclesafety/impaired_driving/impaired-driv_factsheet.html.

Deshapriya E, Iwase N. *Impact of the 1970 legal BAC 0.05 mg% limit legislation on drunk-driver-involved traffic fatalities, accidents, and DWI in Japan*. *J Subst Use Misuse*. 1998; 33:2757–2788.

Fell, JC.; Voas, RB. *Reducing illegal blood alcohol limits for driving: effects on traffic safety*. In: Verster, JC.; Pandi-Perumal, SR.; Ramaekers, JG.; De Geir, JJ., editors. *Drugs, Driving and Traffic Safety*. Verlag, Switzerland: Birhauser; 2009. p. 415-437.

Fell, James C., and Robert B. Voas. 2014. *The Effectiveness of a 0.05 Blood Alcohol Concentration (BAC) Limit for Driving in the United States*. *Addiction* 109 (June): 869–874.

Fell, James C., and Michael Scherer. 2017. *Estimation of the Potential Effectiveness of Lowering the Blood Alcohol Concentration (BAC) Limit for Driving from 0.08 to 0.05 Grams per Deciliter in the United States*. *Alcohol: Clinical and Experimental Research* 41 (December): 2128–2139.

Ferrara SD, Zancaner S, Georgetti R. *Low blood alcohol levels and driving impairment. A review of experimental studies and international legislation*. *Int J Legal Med*. 1994; 106:169–177. [PubMed: 8038109]

Governing.com, *How Drunk Is Too Drunk to Drive?* October 2018, available at <https://www.governing.com/gov-institute/voices/col-utah-lower-blood-alcohol-content-drunk-driving.html>.

Hingson R, Heeren T, Winter M. *Lowering state legal blood alcohol limits to 0.08 percent: The effect on fatal motor vehicle crashes.* Am J Public Health. 1996; 86:1297–1299. [PubMed: 8806383]

Hingson, R, Heeren, T, Wintergson, R. *Effects of recent 0.08% legal blood alcohol limits on fatal crash involvement.* Injury Prevention, 2000 6:109-114.

Homel R. *Drink-driving law enforcement and the legal blood alcohol limit in New South Wales.* Accid Anal Prev. 1994; 26:147–155. [PubMed: 8198683]

Howat P, Sleet D, Smith I. *Alcohol and driving: is the 0.05% blood alcohol concentration limit justified?* Drug Alcohol Rev. 1991; 10:151–166. [PubMed: 16840263]

MacDonald S, Zhao J, Martin G, Brubacher JW, Stockwell T, Arason N, et al. *The impact on alcohol-related collisions of the partial decriminalization of impaired driving in British Columbia, Canada.* Accid Anal Prev. 2013; 59:200–205. doi: <http://dx.doi.org/10.1016/j.aap.2013.05.012>. [PubMed: 23792619]

Mann, Robert E., Scott Macdonald, Gina Stoduto, Susan Bondy, Brian Jonah, and Abdul Shaikh. 2001. *The Effects of Introducing or Lowering Legal Per Se Blood Alcohol Limits for Driving: an International Review.* Accident Analysis and Prevention 33 (September): 569–583.

Mercer, S. L., Sleet, D. A., Elder, R. W., Cole, K. H., Shults, R. A., & Nichols, J. L. (2010). *Translating evidence into policy: Lessons learned from the case of lowering the legal blood alcohol limit for drivers.* Annals of Epidemiology, 20(6): 412-20.

Morain S, Largent E. *Ethical Acceptability of Reducing the Legal Blood Alcohol Concentration Limit to 0.05.* Am J Public Health. 2019 May;109(5):709-713. doi: 10.2105/AJPH.2018.304908. Epub 2019 Feb 21. PMID: 30789764; PMCID: PMC6459633.

Moskowitz, H.; Fiorentino, D. *A Review of the Literature on the Effects of Low Doses of Alcohol on Driving-Related Skills.* Washington, DC: US Department of Transportation, National Highway Traffic Safety Administration; 2000. (DOT HS 809 028)

Moskowitz, H.; Burns, M.; Fiorentino, D.; Smiley, A.; Zador, P. *Driver Characteristics and Impairment at Various BACs.* Washington, DC: US Department of Transportation, National Highway Traffic Safety Administration; 2000. (DOT HS 809 075).

National Academies of Sciences, Engineering, and Medicine. 2018. *Getting to Zero Alcohol Impaired Driving Fatalities.*

NHTSA, Feb. 2023, DOT HS 813 403 *The Economic and Societal Impact of Motor Vehicle Crashes, 2019.* available at <https://crashstats.nhtsa.dot.gov/Api/Public/ViewPublication/813403>

NTSB. 2013. *Reaching Zero: Actions to Eliminate Alcohol-Impaired Driving*. <https://www.nts.gov/safety/safety-studies/Documents/SR1301.pdf>

NTSB. 2022. *Alcohol, Other Drug, and Multiple Drug Use Among Drivers*. <https://www.nts.gov/safety/safety-studies/Documents/SRR2202.pdf>

Sleet, DA, Mercer, S, Cole, KH, Shults, R, Elder, R, Nichols, J. *Scientific evidence and policy change: lowering the legal limit to 0.08% in the USA*. *Global Health Promotion*, Vol 18(1):23-26, 2011.

Smith DI. *Effect on traffic safety of introducing a 0.05% blood alcohol level in Queensland, Australia*. *Med Sci Law*. 1988; 28:165–170. [PubMed: 3386467]

Thomas, F. D., Blomberg R., Darrah, J., Graham, L., Southcott, T., Dennert, R., Taylor, E., Treffers, R., Tippetts, S., McKnight, S., & Berning, A. (2022, February). *Evaluation of Utah's .05 BAC per se law* (Report No. DOT HS 813 233). National Highway Traffic Safety Administration.

The Community Guide News. *From Research to Policy: Lessons from a Community Guide Review on Alcohol-Impaired Driving Laws*. www.thecommunityguide.org/news/2010/baccase.html.

Tippetts AS, Voas RB, Fell JC, Nichols JL. *A meta-analysis of .08 BAC laws in 19 jurisdictions in the United States*. *Accid Anal Prev*. 2005; 37:149–161. [PubMed: 15607286]

UMTRI-2023-19 September, 2023. *Societal Costs of traffic Crashes and Crime in Michigan: 2023 Update*. Renee M. St. Louis, Nicole Zanier, Jennifer S. Zakrajsek, David W. Eby, Lisa J. Molnar, and Lidia P. Kostyniuk

Voas, RB.; Taylor, EP.; Kelley Baker, T.; Tippetts, AS. Washington, DC: National Highway Traffic Safety Administration; 2000 Dec. *Effectiveness of the Illinois .08 law*. Final Report DOT HS 809 186.

Voas, R.B.; Torres, P.; Romano, E.; and Lacey, J.H. 2012. *Alcohol-related risk of driver fatalities: an update using 2007 data*. *Journal of Studies on Alcohol and Drugs* 73(3):341-350, available at <https://pubmed.ncbi.nlm.nih.gov/22456239/>.

Wagenaar A, Maldonado-Molina M, Ma L, Tobler A, Komro K. *Effects of legal BAC limits on fatal crash involvement: analyses of 28 states from 1976 through 2002*. *J Saf Res*. 2007; 38:493–499.

Zador, P.L.; Krawchuck, S.; and Voas, R.B. 2000. *Alcohol-related relative risk of driver fatalities and driver involvement in fatal crashes in relation to driver age and gender: an update using 1996 data*. *Journal of Studies on Alcohol* 61:387-95.