Minimum Legal Drinking Age Saves Lives



After Prohibition, nearly every state designated 21 as the minimum legal drinking age (MLDA). In the 1970s, 29 states lowered their drinking age to 18, 19 or 20, which led to increases in alcohol sales and consumption, as well as alcohol-related traffic injuries and fatalities, among youth.¹ By 1983, 16 states raised their MLDA back to 21 to address the increased drinking and driving traffic fatalities among youth.

In 1984, the federal government enacted the Uniform Drinking Age Act, which reduced federal transportation funds for those states that did not raise their MLDA to 21. By 1988, all states had set the minimum legal drinking age at 21.² This policy's goal is to curb youth drinking and reduce its associated problems, especially traffic injuries and fatalities.³

- Alcohol is the number one drug of choice among America's youth.⁴
- Every day in the U.S., 7,000 youth under age 16 have their first drink of alcohol.⁵

• Approximately 5,000 youth under age 21 die annually as a result of alcohol-related injuries; 38% of those deaths involve car accidents, 32% result from homicides, and about 6% (300 deaths) are suicides.⁴

• The highest prevalence of alcohol dependence among U.S. drinkers is people 18-20 years old.⁴

• A stunning 25.9% of underage drinkers meet the clinical criteria for alcohol abuse or dependence, compared to 9.6% of adult drinkers.⁶

• In countries with lower minimum legal drinking ages, youth 15 to 16 years old engage in binge drinking⁷ more than double the rate of the U.S.^{4, 8, 9}

• The total national cost of underage drinking was estimated at \$61.9 billion in 2001.¹⁰

• A review of 49 studies examining the effect of MLDA changes from 18 to 21 years or vice versa found that when the MLDA was lowered, fatalities increased by 10%. When the MLDA was increased, fatalities decreased by 16%.¹¹

• There is no evidence that a lower minimum legal drinking age is associated with fewer traffic crashes.³

• A review of 132 studies (published over a 40-year period) found strong evidence that changes in minimum drinking age laws had substantial effects on youth drinking and alcohol-related harm, particularly road traffic accidents, often for years after young people reach the legal drinking age.³

- Establishing 21 as the minimum legal drinking age has:
 - saved 1000 lives per year,¹² including more than 800 lives among young adults aged 18-20.^{12, 13}
 - led to decreases in the number of teen DWI arrests, marijuana use, vandalism, crime, and alcohol consumption among youth.^{15, 16}
 - reduced the likelihood that students binge drink at colleges where the 21 MLDA laws were strongly enforced.¹⁷
 - decreased traffic crashes, traffic fatalities, suicide, and consumption by those under age 21.¹⁸
 - reduced alcohol-related traffic deaths by 59% among youth ages 15 20 in 2000.19

- decreased the number of alcohol-related traffic deaths among 16 - 20 year-olds from 5,244 in 1982 to 2,115 in 2004.²⁰

• Maintaining the minimum legal drinking age at 21, as well as strengthening enforcement and developing policies that enhance the MLDA, are effective measures to lower alcohol consumption and related harm among young people.²¹

• Agencies that support the MLDA of 21 years include: National Institute on Alcohol Abuse and Alcoholism, National Highway Traffic Safety Administration, Substance Abuse and Mental Health Services Administration, National Research Council and Institute of Medicine of the National Academies, Centers for Disease Control and Prevention, Office of the US Surgeon General, Governors Highway Safety Association, and American Public Health Association.^{21, 22, 23}

Bottom Line: It's difficult to find a more successful (or more widely studied) public health intervention than keeping the minimum drinking age at 21. Anyone who argues to the contrary ignores the overwhelming scientific evidence.

For more information, please visit www.why21.org

References

- 1. Dang JN. Statistical analysis of alcohol-related driving trends, 1982-2005. Washington, DC: US Department of Transportation; 2008. National Highway Traffic Safety Administration technical report DOT HS 8140 942.
- American Medical Association website. Facts about youth and alcohol. Minimum Legal Drinking Age. Available at: http://www.ama-assn.org/ama/pub/ physician-resources/public-health/promoting-healthy-lifestyles/alcohol-other-drug-abuse/facts-about-youth-alcohol/minimum-legal-drinking-age.shtml. Accessed July 28, 2009.
- 3. Wagenaar AC, Toomey TL. Effects of minimum drinking age laws: review and analyses of the literature from 1960 to 2000. J Stud Alcohol Suppl. 2002;14:206-25.
- 4. U.S. Department of Health and Human Services. The Surgeon General's Call to Action To Prevent and Reduce Underage Drinking. U.S. Department of Health and Human Services, Office of the Surgeon General, 2007. Available at: http://www.surgeongeneral.gov/topics/underagedrinking/calltoaction.pdf. Accessed July 22, 2009.
- Center on Alcohol Marketing and Youth. Underage Drinking in the United States: A Status Report, 2004. Washington, D.C. 2005. Available at: http:// camy.org/research/underage2004/report.pdf. Accessed on July 23, 2009.
- The National Center on Addiction and Substance Abuse at Columbia University. The Commercial Value of Underage and Pathological Drinking to the Alcohol Industry. May 2006. Available at: http://www.casacolumbia.org/templates/publications_reports.aspx?keywords=youth. Accessed August 12, 2009.
- 7. 'Binge drinking' is defined as consumption of five or more alcoholic drinks on the same occasion. Substance Abuse and Mental Health Services Administration. Results from the 2009 National Survey on Drug Use and Health: Volume I. Summary of National Findings. Office of Applied Studies, NSDUH Series H-38A, HHS Publication No. SMA 10-4586 Findings. Rockville, MD. U.S. Department of Health and Human Services, 2010.
- 8. Hibell B, Guttormsson U, Ahlstrom S, et al. The 2007 ESPAD Report: Substance use among students in 35 European countries. Stockholm, Sweden: The Swedish Council for Information on Alcohol and Other Drugs; 2009.
- 9. Rehm J, Mathers C, Popoya S, et al. Global burden of disease and injury and economic cost attributable to alcohol use and alcohol-use disorders. Lancet. 2009;373(9682):2223-2233.
- 10. Miller TR, Levy DT, Spicer RS, Taylor DM. Societal costs of underage drinking. J Stud Alcohol. 2006;67:519–528.
- 11. Shults RA, Elder RW, Sleet SD, et al. Reviews of evidence regarding interventions to reduce alcohol-impaired driving. Am J Prev Med. 2001;21:66-88.
- 12. Jones NE, Pieper CF, Robertson LS. The effect of legal drinking age on fatal injuries of adolescents and young adults. Am J Public Health. 1992:82:112-115.
- 13. Kindelberger, J. Calculating lives saved due to minimum drinking age laws. Washington, DC: National Highway Traffic Safety Administration, National Center for Statistics and Analysis; 2005.
- 14. National Highway Traffic Safety Administration. Traffic safety facts: Lives saved in 2007 by restraint use and minimum drinking age laws. US Department of Transportation. Washington, DC: National Center for Statistics and Analysis; 2008.

- 15. Yu J, Varone R, Robinson S. Minimum legal purchase age and traffic safety: Facts and practices. Albany, NY: New York State Office of Alcoholism and Substance Abuse Services. 1996.
- 16. National Highway Traffic Safety Administration. 1995 Youth Fatal Crash and Alcohol Facts. Washington, DC: U.S. Department of Transportation. February, 1997.
- Knight JR, Harris SK, Sherritt L, Kelley K, Van Hook S, Wechsler H. Heavy drinking and alcohol policy enforcement in a statewide public college system. J Stud Alcohol. 2003;64(5):696–703.
- National Institute on Alcohol Abuse and Alcoholism. Research findings on underage drinking and the minimum legal drinking age. Available at: http:// www.niaaa.nih.gov/AboutNIAAA/NIAAASponsoredPrograms/drinkingage.htm. Accessed July, 24, 2009.
- 19. National Institute on Alcohol Abuse & Alcoholism. Highlights from the tenth special report to Congress. Alcohol Res Health. 2000;24:42-51.
- National Institute of Health. Alcohol-related traffic deaths fact sheet. Available at: http://www.nih.gov/about/researchresultsforthepublic/ AlcoholRelatedTrafficDeaths.pdf. Accessed July 23, 2009.
- 21. Wechsler H, Nelson TF. Will increasing alcohol availability by lowering the minimum legal drinking age decrease drinking and related consequences among youths? *American Journal of Public Health*. 2010;100(6):986-992.
- 22. Degutis L. Choose accountability: keep the legal US drinking age at 21. The Nation's Health. October 1, 2008;38(8):3.
- 23. National Institute on Alcohol Abuse and Alcoholism. A Call to action: Changing the culture of drinking at U.S. colleges. Bethesda, MD: US Dept of Health and Human Services, 2002.