



Washington State  
Liquor Control Board

Research: Impact of Marijuana Legalization

Contact names:	Research description:
<p>WA State Institute for Public Policy (WSIPP) Adam Darnell</p>	<p><b><i>Study of the economic impacts of marijuana legalization.</i></b> Research will look at impacts on public health, substance use rates, public safety and criminal justice, state and local agencies and the economy. Reports due to Legislature 9/2015, 2017, 2022 and 2032.</p>
<p><b>Alcohol and Drug Abuse Institute</b> University of Washington</p> <p>Caleb Banta-Green, PhD Jennifer <a href="mailto:Cook@aaawin.com">Cook@aaawin.com</a></p> <p>Rick Kosterman, PhD</p> <p>Alex Mason, Boystown NE; PI of UW subcontract: Kevin Haggerty, PhD</p> <p>Katarina Guttmanova, PhD</p> <p>Jennifer Bailey, PhD</p>	<p><b>Multiple studies by researchers at the Institute:</b></p> <p><b><i>AA Foundation grant to look at issues of drugged driving with a specific focus on marijuana.</i></b> (1) Relationship between changes in Washington State cannabis laws and the incidence of cannabis-impaired driving; relationship between acute cannabis use and motor vehicle crashes. (2) Assess the implications of a <i>per se</i> law making it illegal to drive with a certain concentration of cannabis in one's blood.</p> <p><b><i>Effects of marijuana legalization in Washington State on norms, use and parenting.</i></b> Examine the moderating role of environmental factors and adult functioning, and assesses marijuana-specific parenting behaviors in order to inform prevention efforts. The study augments data from a Seattle-based longitudinal cohort that was previously interviewed 14 times from age 10 to age 35 with new marijuana-focused measures at age 39.</p> <p><b><i>Analysis of trajectories of marijuana use over time.</i></b> Stepping Up to High School: Marijuana Supplement. This supplemental allows analysis of trajectories of marijuana use over time among the Stepping Up to High School sample. Additionally, we have conducted focus groups about issues related to parenting, prevention, and the new marijuana law, and are currently testing parenting messages for the prevention of marijuana use.</p> <p><b><i>Marijuana legislation and changes in youth marijuana use and related risk factors.</i></b> Using time-series analysis of survey data from Colorado, Washington, and Oregon and two additional comparison states, study the impact of marijuana-related legislation on adolescent marijuana and other substance use and related risk factors.</p> <p><b><i>Cannabis legalization: Youth substance use, conduct problems, &amp; HIV risk behavior</i></b> Examine links between legalization of cannabis young people's patterns of cannabis use and related risk behaviors across adolescence. Also examine links between cannabis legalization for adults and changes in risk factors for youth cannabis use.</p>

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<b>Center for the Study of Health and Risk Behaviors</b> University of Washington Mary Larimer, PhD, and Jason Kilmer, PhD	<i>Analysis of marijuana use and consequences prior and subsequent to legalization.</i> Supplement to an NIAAA grant that has been following cohorts of college students longitudinally across time
<b>WA Department of Social and Health Services</b> Linda Becker, PhD  <b>Multnomah County Health Dept/Oregon</b> Julia Dilley, PhD MES  Susan Richardson, MPH	<i>Assessing public health consequences and costs Washington State. (Marijuana data collection added to study of privatization of liquor sales.)</i> Have submitted an R01 grant proposal to NIH/NIDA to study impacts in both Washington and Oregon, and influence of local policies on outcomes. If not accepted, Julia is also leading study of marijuana legalization impact in Oregon (funded by state and county), and would continue collaboration with Washington on parallel studies.
<b>Seattle-King County Dept. of Public Health</b> Laura Hitchcock, JD	<i>Mapping variations in local marijuana laws in Washington State to study the impact on health outcomes and disparities.</i>

#### Additional Data Collection

<b>WA Healthy Youth Survey Planning Committee</b>	<i>Healthy Youth Survey: Measure of risk behaviors of Washington State students</i> Measures health risk behaviors of 6 <sup>th</sup> , 8 <sup>th</sup> , 10 <sup>th</sup> , and 12 <sup>th</sup> graders, including alcohol, marijuana, tobacco and other drug use; behaviors that result in intentional and unintentional injuries; dietary behaviors and physical activity, mental health, school climate; and related risk and protective factors. Over 220,000 students completed the survey in 2014.
<b>University of Washington</b> Jason R. Kilmer, PhD	<i>Young Adult Survey</i> Use of social media to recruit surveys from the age 18 – 25 population to determine the impacts on this population of the legalization of marijuana, including impacts on sub-populations (gender, age, ethnicity, income, educational levels).
<b>WA State Patrol Toxicology Lab</b> Dr. Fiona Couper	<i>Results of blood tests from impaired driving cases.</i>
<b>Washington Poison Center</b>	<i>Tracks marijuana poisoning reports on a monthly basis.</i> Calls to the Poison Center are voluntary.