

# Most teens report using marijuana less often after legalization

18 March 2019, by Addy Hatch



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Only one group of teenagers used marijuana more often after retail sales were legalized in Washington than they did before—high school seniors who work 11 or more hours per week, according to new research led by a WSU College of Nursing professor.

Marijuana use went down significantly among 8th and 10th graders after legalization, and among 12th graders who didn't work. It stayed nearly even for [high school seniors](#) who work less than 11 hours per week.

The research on [marijuana use](#) and employment, led by WSU College of Nursing Assistant Professor Janessa Graves, appears in the *Journal of Adolescent Health*.

Washington was one of the first states to approve legalization of marijuana for retail sale, with recreational cannabis stores opening in mid-2014.

The authors were interested in knowing whether legalization in Washington made a difference in marijuana use among 8th, 10th, and 12th graders who work in jobs that don't include household

chores, yard work or babysitting. They used data from the state's biennial Healthy Youth Survey from 2010 and 2016 in their study.

No matter what grade the students were in, those who worked 11 or more hours per week reported using marijuana more often than their non-working peers.

Post-legalization, 4.8 percent of non-working 8th graders reported using pot within the last 30 days, while 20.8 percent of their working peers did. Among 10th graders, 13.9 percent reported using [marijuana](#) within the last 30 days in 2016, versus 33.2 percent of 10th graders who worked 11 or more hours per week. The difference for 12th graders was 20.5 percent non-working, versus 36.7 percent working.

"Kids who work more often use substances, that's not a shock," Graves said, noting other studies have shown the same result. Teenagers who work usually come into contact with adults who aren't their coaches, teachers and parents, and they are often exposed to adult substance use. In addition, working teens have more [disposable income](#) than their non-working peers, the study notes.

So what's a parent of an older teen to do?

"Kids learn a lot by working, in terms of responsibility," Graves said. "But there are also pretty good data showing that kids who work engage in adult-like behaviors earlier. I would say this for any parent of working kids: It's important to know the quality of management and supervision at your child's job. Be thoughtful about the quality of a particular workplace."

The study also suggests that employers could take action by advertising and enforcing zero-tolerance policies of adult employees providing substances or endorsing substance use to their adolescent co-workers.

**More information:** Janessa M. Graves et al, Employment and Marijuana Use Among Washington State Adolescents Before and After Legalization of Retail Marijuana, *Journal of Adolescent Health* (2019). DOI: [10.1016/j.jadohealth.2018.12.027](https://doi.org/10.1016/j.jadohealth.2018.12.027)

Provided by Washington State University

APA citation: Most teens report using marijuana less often after legalization (2019, March 18) retrieved 19 September 2020 from <https://medicalxpress.com/news/2019-03-teens-marijuana-legalization.html>

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