



Research Working Papers

Economic Benefits and Social Costs of Legalizing Recreational Marijuana

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Economic benefits of legal recreational marijuana are broadly distributed, while costs are more concentrated among individuals.

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We analyze the effects of legalizing marijuana for recreational use on state economic and social outcomes using difference-in-differences estimation robust to staggered timing and heterogeneity of treatment. We find moderate economic gains accompanied by some social costs. Post-legalization, average state income per capita grew by 3 percent, house prices by 6 percent, and population by 2 percent. However, substance use disorders, chronic homelessness, and arrests increased by 17, 35, and 13 percent, respectively. Early legalizing states experienced larger economic gains yet similar social costs, implying a potential first-mover advantage.

JEL Classifications: H71, I18, R52

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