

## Accepted Manuscript

Title: Economic Conditions, Illicit Drug Use, and Substance Use Disorders in the United States

Authors: Christopher S. Carpenter, Chandler B. McClellan, Daniel I. Rees



PII: S0167-6296(16)30573-2  
DOI: <http://dx.doi.org/doi:10.1016/j.jhealeco.2016.12.009>  
Reference: JHE 1988

To appear in: *Journal of Health Economics*

Received date: 15-5-2016  
Revised date: 14-12-2016  
Accepted date: 30-12-2016

Please cite this article as: Carpenter, Christopher S., McClellan, Chandler B., Rees, Daniel I., Economic Conditions, Illicit Drug Use, and Substance Use Disorders in the United States. *Journal of Health Economics* <http://dx.doi.org/10.1016/j.jhealeco.2016.12.009>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Current Draft: December 2016

## **Economic Conditions, Illicit Drug Use, and Substance Use Disorders in the United States**

Christopher S. Carpenter, Chandler B. McClellan, and Daniel I. Rees\*

### **ABSTRACT**

We provide the first analysis of the relationship between economic conditions and the use of illicit drugs other than marijuana. Drawing on US data from 2002-2015, we find mixed evidence on the cyclical nature of illicit drug use. However, we find robust evidence that economic downturns lead to increases in the intensity of prescription pain reliever use as well as increases in clinically relevant substance use disorders involving opioids. These effects are concentrated among working-age white males with low educational attainment. We conclude that policymakers should consider devoting more, not fewer, resources to treating substance use disorders during economic downturns.

Keywords: economic conditions, drug use, substance use disorders

JEL Codes: I12; E32

\*Carpenter is Professor of Economics at Vanderbilt University, Research Associate at the NBER, and Research Fellow at IZA (Institute for the Study of Labor), [christopher.s.carpenter@vanderbilt.edu](mailto:christopher.s.carpenter@vanderbilt.edu). McClellan is with the Center for Behavioral Health Statistics and Quality at the Substance Abuse and Mental Health Services Administration (SAMHSA), [chandler.mcclellan@samhsa.hhs.gov](mailto:chandler.mcclellan@samhsa.hhs.gov). Rees is Professor of Economics, University of Colorado Denver and Research Fellow at IZA, [daniel.rees@ucdenver.edu](mailto:daniel.rees@ucdenver.edu). We thank Isaac Swensen and seminar/conference participants at the University of Miami and the 2015 Southern Economic Association for helpful comments. The results in this paper are based on restricted access data from the National Survey on Drug Use and Health. Interested readers can contact the authors for information on how to obtain access. The views expressed herein are those of the authors and do not necessarily reflect the views of SAMHSA or the U.S. Department of Health and Human Services (DHHS). All errors are our own.

Download English Version:

<https://daneshyari.com/en/article/5100728>

Download Persian Version:

<https://daneshyari.com/article/5100728>

[Daneshyari.com](https://daneshyari.com)