

## Accepted Manuscript

Title: How does Electronic Cigarette Access affect Adolescent Smoking?

Author: Abigail S. Friedman

PII: S0167-6296(15)00115-0  
DOI: <http://dx.doi.org/doi:10.1016/j.jhealeco.2015.10.003>  
Reference: JHE 1896

To appear in: *Journal of Health Economics*

Received date: 10-9-2014  
Revised date: 8-10-2015  
Accepted date: 11-10-2015

Please cite this article as: Friedman1, A.S., How does Electronic Cigarette Access affect Adolescent Smoking?, *Journal of Health Economics* (2015), <http://dx.doi.org/10.1016/j.jhealeco.2015.10.003>

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.



## How does Electronic Cigarette Access affect Adolescent Smoking?

Abigail S. Friedman\*

October 8, 2015

### Abstract

Understanding electronic cigarettes' effect on tobacco smoking is a central economic and policy issue. This paper examines the causal impact of e-cigarette access on conventional cigarette use by adolescents. Regression analyses consider how state bans on e-cigarette sales to minors influence smoking rates among 12 to 17 year olds. Such bans yield a statistically significant 0.9 percentage point increase in recent smoking in this age group, relative to states without such bans. Results are robust to multiple specifications as well as several falsification and placebo checks. This effect is both consistent with e-cigarette access reducing smoking among minors, and large: banning electronic cigarette sales to minors counteracts 70 percent of the downward pre-trend in teen cigarette smoking in the states that implemented such bans.

Keywords: smoking; electronic cigarettes; cigarettes; adolescent behavior

---

\* Department of Health Policy and Management, Yale School of Public Health. Email: [abigail.friedman@yale.edu](mailto:abigail.friedman@yale.edu). I am grateful to David Cutler, Richard Frank, Claudia Goldin, Frank Sloan, Jody Sindelar, Martin Anderson, Sebastian Bauhoff, Shivaani Prakash, Mark Schlesinger, and Sam Richardson for helpful comments and discussion, and to the Radcliffe Institute for Advanced Study, for fellowship funding that helped support this research.

Download English Version:

<https://daneshyari.com/en/article/7363382>

Download Persian Version:

<https://daneshyari.com/article/7363382>

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