### Accepted Manuscript

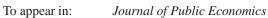
Smartphones and Child Injuries

Craig Palsson

PII:

DOI:

S0047-2727(17)30181-0 doi:10.1016/j.jpubeco.2017.10.008 Reference: **PUBEC 3825** 



Received date: Revised date: Accepted date:

20 February 2016 26 October 2017 30 October 2017



Please cite this article as: Palsson, Craig, Smartphones and Child Injuries, Journal of Public Economics (2017), doi:10.1016/j.jpubeco.2017.10.008

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.

## ACCEPTED MANUSCRIPT

#### Smartphones and Child Injuries

Craig Palsson\*

Naval Postgraduate School

copalsso@nps.edu 555 Dyer Road, Monterey, CA 93943

November 4, 2017

#### Abstract

From 2005 to 2012, injuries to children under five increased by 10%, possibly because smartphones distract caregivers from supervising children. I exploit the expansion of AT&T's 3G network in both a difference-in-differences and a triple difference framework and find that hospitals experienced a 5% increase in emergency department visits for children ages 0-5, but none for children ages 6-10, after getting 3G. Age-specific injury patterns on playgrounds, from poisoning, and in sports further support the conclusion that smartphones distract caregivers.

Keywords: smartphones, child injuries, distractions

JEL Classification Numbers: I12, J13

<sup>\*</sup>I thank Joseph Altonji, Joseph Doyle, Grant Gannaway, Dean Karlan, Lars Lefgren, Jesse Lund, Rebecca McKibbin, Jacqueline Palsson, Nolan Pope, Joseph Price, Anja Sautmann, Dave Sims, Chris Udry, Seth Zimmerman, and seminar participants at Yale and BYU for helpful comments. I especially thank Thomas Schroeder at the Consumer Product Safety Commission for his help in acquiring and understanding the data. All views expressed in this paper are my own and do not necessarily reflect the views of the CPSC. This paper was written while I was on a National Science Foundation Graduate Research Fellowship. Contact the author at *copalsso@nps.edu*.

Download English Version:

# https://daneshyari.com/en/article/7369716

Download Persian Version:

https://daneshyari.com/article/7369716

Daneshyari.com