

**ECON 919: Health Economics – Spring 2023**  
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### Student Goals

- Master the mathematical and graphical representations used in health economics
- Build a broad and deep fluency with the classic and current health economics literatures
- Develop a research proposal that can lead to a dissertation chapter

**Prerequisite:** ECON 802 and ECON 818. ECON 870 recommended.

### Optional Textbooks:

*Health Economics*, Bhattacharya, Hyde, and Tu. (BHT). 2014.  
*Health Economics*. Sloan and Hsieh (SH). 2<sup>nd</sup> Edition. 2016.  
*Health Econometrics Using Stata*. Deb, Norton, and Manning. 2017.

### Plan

Classes in **bold** have assigned readings. Classes in underline have other assignments due. Some classes have both.

- 1 Introduction (W 1/18)
- 2 Overview, Fundamental Theory, Measurement of Health (M 1/23)**
- 3 Health Insurance (Optimal) (W 1/25)**
- 4 Go over analytical exercise (M 1/30)
- 5 Selection (W 2/1)**
- 6 Health Insurance (Applied) (F 2/3 8:40-9:55)**
- 7 Medicare and Medicaid (M 2/6)**
- 8 The Affordable Care Act (W 2/8)**
- 9 Household Finances (M 2/13)**
- 10 Health Over the Business Cycle (W 2/15)**
- 11 Hospitals and Competition (M 2/20)**
- 12 Physicians & Nurses (W 2/22)**
- 13 Malpractice (M 2/27)**
- 14 Geographic Variation, Productivity of Spending, International Comparisons (W 3/1)**
- 15 Health Behaviors (F 3/3 8:10-9:25)**
- 16 Mental Health (M 3/6)**
- 17 HIV/AIDS (F 3/10 8:40-9:55)**
- 18 Pollution (M 3/20)**
- 19 Go over theoretical problem set (W 3/22 8:30-9:45)
- 20 Reproductive Health Care (M 3/27)**
- 21 Child Health (W 3/29)**
- 22 Pharma & Opioids (M 4/3)**
- 23 Go over referee assignment (M 4/17)
- 24 Race and Health (W 4/19)**
- 25 Crime and Health (F 4/21 8:40-9:55)**

**26 COVID-19 Part 1 (M 4/24)**

**27 COVID-19 Part 2 (W 4/26)**

**28 Research proposal presentations (M 5/1)**

**29 Practice final exam (W 5/3)**

**Grading:** The course is graded on a standard A-F +/- scale (e.g., A=93%+), though I reserve the right to curve the grade distribution in your favor (e.g., A=91%+). For credit/no credit, any grade less than a C is considered as no credit.

**Grade percentages:**

Attendance:	20%
Homework:	35%
Presentation:	15%
Final exam:	30%

**Attendance:** Class attendance is required. If you cannot attend a class (for any reason), you can receive credit by emailing a 1000 word summary (in your own words) of the papers that are required reading for that class by 24 hours after the class time of the class.

**Assignments (in addition to readings), due in class:**

**Class 4:** Analytical replication exercise: Please send me a single Stata .do file and as many dictionary (.dct) files as you'd like (but no separate data (.dta) files) that downloads and processes the data, defines the variables, and then reproduces the coefficient 0.0135\* (0.0075) from Table 3 in Evans and Garthwaite (AEJ: Economic Policy 2014). You may use any resource availability on the internet, including the code on the AEA website provided by the authors. Please get as close as you can to the coefficient and use as few lines of code as possible.

**Class 8:** Written list of five original research questions that would like to study.

**Class 12:** Annotated bibliography for your chosen question. Must contain at least 10 papers, which can include those from the reading list. For each paper, please include the abstract and write a short paragraph (~100 words) about why the paper is relevant to your topic and research plan.

**Class 17:** Written draft of research proposal, in the style of an academic paper. At least 3000 words.

**Class 19:** Theoretical problem set, building especially on classes 2 (fundamental theory and measurement), 3 (optimal health insurance), 5 (selection), 12 (physicians & nurses), and 15 (health behaviors)

**Class 23:** Referee Report. I will provide you with a manuscript draft. Please write an 800 word referee report, which includes a 100 word original summary of the paper, and then at least 5 major and 5 minor suggestions for the paper, in each in descending order of importance. I will

provide examples. I will go through in class my process for writing these. Here is another perspective: <https://blog.academicsequitur.com/2019/06/30/how-to-write-a-good-referee-report/>

**Classes 26:** Please choose one of the two sample papers (which have had their abstract and introduction removed) and write a 1200 word introduction and a 150 word abstract. Please do not read the actual abstract or introduction of the published paper before completing this assignment.

**Classes 28:** A presentation, with slides, of your research proposal. Time limit TBD, based on class size. (E.g., with 6 students, each one gets 10 minutes to present and 3 minutes for questions/suggestions.)

**Final Exam:** Exam will be on Blackboard during the prescheduled time in finals week (Thursday, May 11, 7:30-10 AM). You may consult your notes and the internet but may not interact with other individuals (including your classmates). If you believe I have made an error in grading your exam send me a detailed email within 48 hours of me returning the exam and then come to my office hours to discuss. I will re-grade your entire exam -- your score may increase or decrease. It will consist of mathematical questions and literature review questions--given an abstract, 1) cite 5 papers from the class that are relevant 2) put this one in context, 3) make 3 suggestions for next steps. We will practice this in class 29.

**Make-up exam:** Make-up exam for religious holidays will be provided with documentation from a religious official. Please speak to me by class 9. Last minute make-up exam will only be provided in extreme situations, such as incapacitating illness or a death in the family. Please come speak to me and bring official documentation.

**Disability Requirements:** If you have a disability and require accommodations, please contact the Disabilities Resources Office at the University of Kansas (<http://disability.ku.edu>)

**Academic Integrity:** The rules of academic integrity will be strictly enforced (please refer to the University of Kansas's guidelines). Breaches will not be tolerated under any circumstances. Please see <https://studentaffairs.ku.edu/academic-integrity> for more information.

**Concealed carry:** Individuals who choose to carry concealed handguns are solely responsible to do so in a safe and secure manner in strict conformity with [state and federal laws](#) and [KU weapons policy](#). Safety measures outlined in the KU weapons policy specify that a concealed handgun:

- Must be under the constant control of the carrier.
- Must be out of view, concealed either on the body of the carrier, or backpack, purse, or bag that remains under the carrier's custody and control.
- Must be in a holster that covers the trigger area and secures any external hammer in an un-cocked position
- Must have the safety on, and have no round in the chamber

## **Children in the classroom:**

- All babies (bottle-feeding, nursing, ...) are welcome in class as often as is necessary;
- For older children, I understand that unforeseen disruptions in childcare often place parents in the positions of having to miss class to stay home. You are welcome to bring your child to class in order to cover gaps in care. This is not meant to be a long-term solution.
- I ask that all students work with me to create a welcoming environment that is respectful of all forms of diversity, including diversity in parenting status;
- In all cases when your children come to class, please sit in the front, close to the door. This will allow you to step outside in case your child needs special attention.
- I maintain the same standards and expectations for all students. However, please contact me if you are having difficulty with school-parenting balance.

**Disclaimer:** I reserve the right to modify this syllabus in the event of an unforeseen situation.

**Papers to read BEFORE each class.**

**Note that papers in *italics* are optional and will not be cover them directly in class.**

**Relevant sections of optional textbooks which can be read for background material are below each class title.**

### **Overview, Fundamental Theory, and Measurement of Health BHT Chapters 2, 3, 13, 14, 19 SH Chapters 2, 16**

Grossman, Michael, "On the Concept of Health Capital and the Demand for Health," *Journal of Political Economy*, 1972, 80(2), 223-255.

Fuchs, Victor R. "Time Preference and Health: An Exploratory Study." *Economic Aspects of Health*, edited by Victor R. Fuchs, pp. 93-120. Chicago: University of Chicago Press, 1982.

Hall, Robert E. and Charles I. Jones, "The Value of Life and the Rise in Health Spending," *Quarterly Journal of Economics*, 2007, 122 (1), 39-72.

Chandra, Amitabh and Jonathan Skinner, "Technology Growth and Expenditure Growth in Health Care," *Journal of Economic Literature*, 2012, 50(3), 645-80.

Case, Anne and Christina Paxson. 2008. "Stature and Status: Height, Ability and Labor Market Outcomes." *Journal of Political Economy* 116(3): 499-532.

*A Unified Model of Cohort Mortality* Adriana Lleras-Muney; Flavien Moreau *Demography* (2022) 59 (6): 2109–2134.

Bozzoli, Carlos, Angus Deaton, and Climent Quintana-Domeque, 2009, "Adult height and childhood disease," *Demography*, 46(4), 647–69.

Cutler, David, Angus Deaton and Adriana Lleras-Muney, 2006, "The determinants of mortality," *Journal of Economic Perspectives*, 20(3), 97–120.

*The trend of mean BMI values of US adults, birth cohorts 1882–1986 indicates that the obesity epidemic began earlier than hitherto thought* John Komlos Marek Brabec *American Journal of Human Biology* Volume 22, Issue 5 September/October 2010 Pages 631-638 (also NBER WP #15862)

*Broken Down by Work and Sex: How Our Health Declines* Anne Case, Angus S. Deaton Chapter in NBER book *Analyses in the Economics of Aging* (2005), David A. Wise, editor (p. 185 - 212) 2005 University of Chicago Press

*Oxford Economic Papers* 59 (2007), 379–410 379 *Health as human capital: synthesis and extensions* By Gary S. Becker

Becker, Gary, Thomas Philipson, and Ricardo Soares, 2005, "The quantity and quality of life and the evolution of world inequality," *American Economic Review*, 95(1), 277–91.

Johnston, David, Carol Propper and Michael Shields. "Comparing Subjective and Objective Measures of Health: Evidence from Hypertension for the Income-Health Gradient," *Journal of Health Economics*, May 2009, 540-552.

Jayachandran, Seema and Adriana Lleras-Muney. 2009. "Life Expectancy and Human Capital Investments: Evidence from Maternal Mortality Declines." *Quarterly Journal of Economics* (Feb): 349-397.

Weil, David N., 2007, "Accounting for the effects of health on economic growth," *Quarterly Journal of Economics*, 122(3), 1265–1306

Gørgens, T, X Meng, and R Vaithianathan. (2012). *Stunting and selection effects of famine: A case study of the Great Chinese Famine.* *Journal of Development Economics*, 97(1): 99-111.

*Demography* February 2005, Volume 42, Issue 1, pp 1–22 *The role of public health improvements in health advances: The twentieth-century United States* David Cutler Grant Miller

*Public Health Efforts and the Decline in Urban Mortality* D. Mark Anderson, Kerwin Kofi Charles, Daniel I. Rees NBER Working Paper No. 25027 2018

Norton EC, Dowd BE, Maciejewski ML. Odds Ratios—Current Best Practice and Use. *JAMA*. 2018;320(1):84–85.

*Edward C. Norton Ph.D. Bryan E. Dowd Ph.D. 2018. Log Odds and the Interpretation of Logit Models. Health Services Research Volume 53, Issue 2. Pages 859-878*

**Health Insurance (Optimal)**  
**BHT Chapters 7, 11, 15, 16, 17, 18**  
**SH Chapters 3, 10**

Arrow, Kenneth, "Uncertainty and the Welfare Economics of Medical Care," *American Economic Review*, 1963, 53(5), 941-973.

Manning, Willard et al., "Health Insurance and the Demand for Medical Care: Evidence from a Randomized Experiment," *American Economic Review*, 1987, 77(3), 251-177.

Chandra, Amitabh, Jonathan Gruber, and Robin McKnight, "Patient Cost-Sharing and Hospitalization Offsets in the Elderly," *American Economic Review*, 2010, 100(1), 1-24.

Brot-Goldberg, Zarek C., Amitabh Chandra, Benjamin R. Handel, and Jonathan T. Kolstad, "What does a Deductible Do? The Impact of Cost-Sharing on Health Care Prices, Quantities, and Spending Dynamics," *Quarterly Journal of Economics*, 2017, 132(3), 1261–1318.

*Summers, Larry. (1989) "Some Simple Economics of Mandated Benefits," American Economic Review 79 (May), 177-83.*

*Are Health Care Services Shoppable? Evidence from the Consumption of Lower-Limb MRI Scans Michael Chernew, Zack Cooper, Eugene Larsen-Hallock, Fiona Scott Morton NBER Working Paper No. 24869 2018*

*Gruber, Jonathan. "The Efficiency of a Group-Specific Mandated Benefit: Evidence from Health Insurance Benefits for Maternity," American Economic Review, June 1994*

*The RAND Health Insurance Experiment, Three Decades Later Aviva Aron-Dine Liran Einav Amy Finkelstein Journal of Economic Perspectives Vol. 27, No. 1, Winter 2013 (pp. 197-222)*

*Cutler, David and Richard Zeckhauser, "The Anatomy of Health Insurance," in Anthony J. Culyer and Joseph P. Newhouse, eds., Handbook of Health Economics, Amsterdam: North-Holland, 2000,*

*How Do Low-Income Enrollees in the Affordable Care Act Exchanges Respond to Cost-Sharing? Kurt Lavetti Thomas DeLeire Nicolas R. Ziebarth <https://sph.tamhsc.edu/hpm/ahc/deleire-paper.pdf>*

*Adverse Selection in Health Insurance David M. Cutler, Richard J. Zeckhauser Chapter in NBER book Frontiers in Health Policy Research, Volume 1 (1998), Alan M. Garber, editor (p. 1 - 32) Published in January 1998 by MIT Press in NBER Book Series Frontiers in Health Policy Research*

**Selection**  
**BHT Chapters 8, 9**  
**SH Chapter 4**

Akerlof, George A., “The Market for “Lemons”: Quality Uncertainty and the Market Mechanism,” *Quarterly Journal of Economics*, 1970, 84(3), 488-500. (ch 8)

Rothschild, Michael and Joseph E. Stiglitz, “Equilibrium in Competitive Insurance Markets: An Essay on the Economics of Imperfect Information”, *Quarterly Journal of Economics*, 1976, 90(4), 629-650. (ch 9)

Cutler, David, and Sarah Reber, “Paying for Health Insurance: The Tradeoff Between Competition and Adverse Selection,” *Quarterly Journal of Economics*, 1998, 113(2), 433-466.

Hendren, Nathaniel, “Private Information and Insurance Rejections,” *Econometrica*, 2013, 81(5): 1713-1762.

*Hanning Fang & Michael P. Keane & Dan Silverman, 2008. "Sources of Advantageous Selection: Evidence from the Medigap Insurance Market," Journal of Political Economy 116(2): 303-350.*

*Einav, Liran, and Amy Finkelstein, Selection in Insurance Markets: Theory and Empirics in Pictures, Journal of Economics Perspectives, 2011, 25(1), 115-138.*

*Adverse Selection in ACA Exchange Markets: Evidence from Colorado Matthew Panhans\* American Economic Journal: Applied Economics 2019, 11(2): 1–36*

*Screening and Selection: The Case of Mammograms Liran Einav, Amy Finkelstein, Tamar Ostrom, Abigail Ostriker, and Heidi Williams American Economic Review. Dec 2020, Vol. 110, No. 12: Pages 3836-3870*

**Health Insurance (Applied)**

Gruber, Jonathan and Robin McKnight. “Controlling Health Care Costs through Limited Network Insurance Plans: Evidence from Massachusetts State Employees,” *American Economic Journal: Economic Policy*, 2016, 8(2), 219-250.

Cooper, Zack, Fiona Scott Morton, and Nathan Shekita, “Surprise! Out-of-Network Billing for Emergency Care in the United States,” *Journal of Political Economy* Volume 128, Number 9 September 2020

Choose to Lose: Health Plan Choices from a Menu with Dominated Option Saurabh Bhargava George Loewenstein Justin Sydnor *The Quarterly Journal of Economics*, Volume 132, Issue 3, 1 August 2017, Pages 1319–1372,

How Do Low-Income Enrollees in the Affordable Care Act Marketplaces Respond to Cost-Sharing? Kurt J. Lavetti, Thomas DeLeire & Nicolas R. Ziebarth NBER Working Paper 26430. 2019

*Brendan Rabideau, Matthew D. Eisenberg, Rachel Reid, Neeraj Sood, Effects of employer-offered high-deductible plans on low-value spending in the privately insured population, Journal of Health Economics, Volume 76, 2021, 102424,*

*Jason Abaluck, Mauricio Caceres Bravo, Peter Hull, Amanda Starc, Mortality Effects and Choice Across Private Health Insurance Plans, The Quarterly Journal of Economics, Volume 136, Issue 3, August 2021, Pages 1557–1610,*

*What Does a Provider Network Do? Evidence from Random Assignment in Medicaid Managed Care Jacob Wallace AMERICAN ECONOMIC JOURNAL: ECONOMIC POLICY (FORTHCOMING)*

*Kolstad, Jonathan T. & Kowalski, Amanda E., 2012. "The impact of health care reform on hospital and preventive care: Evidence from Massachusetts," Journal of Public Economics, Elsevier, vol. 96(11), pages 909-92*

*Ho, Kate, "Insurer-Provider Networks in the Medical Care Market," American Economic Review, 2009, 99(1): 393-430.*

*Choice Inconsistencies among the Elderly: Evidence from Plan Choice in the Medicare Part D Program Jason Abaluck Jonathan Gruber American Economic Review. 101, NO. 4, JUNE 2011 (pp. 1180-1210)*

*Gruber, Jonathan "The Impacts of the Affordable Care Act: How Reasonable Are the Projections?," National Tax Journal , 64, September 2011, 893 - 908.*

*Behavioral Hazard in Health Insurance. Baicker, Katherine; Mullainathan, Sendhil; Schwartzstein, Joshua Quarterly Journal of Economics, November 2015, v. 130, iss. 4, pp. 1623-67*

*Medicare Part D and Portfolio Choice Padmaja Ayyagari Daifeng He American Economic Review. 106, NO. 5, MAY 2016 (pp. 339-42)*

*Journal of Health Economics Volume 50, December 2016, Pages 86-98 The effect of narrow provider networks on health care use AliciaAtwood Anthony T.Lo Sasso*

*Health Affairs. 36, NO. 1: One In Five Inpatient Emergency Department Cases May Lead To Surprise Bills Christopher Garmon and Benjamin Chartock 2017 : 177–181*

*The Consequences of Health Care Privatization: Evidence from Medicare Advantage Exits Mark Duggan Jonathan Gruber Boris Vabson AMERICANphysi ECONOMIC JOURNAL: ECONOMIC POLICY VOL. 10, NO. 1, FEBRUARY 2018*



*Does Medicare Reimbursement Drive Up Drug Launch Prices?* David B. Ridley and Chung-Ying Lee *The Review of Economics and Statistics* 2020 102:5, 980-993

*Do People Have a Bias for Low-Deductible Insurance?* Howard Kunreuther & Mark Pauly  
NBER Working Paper 26994 2020

*Health Insurance Design Meets Tax Incentives for Saving: Consumer Responses to Complex Contracts* Adam Leive 2018. [http://conference.nber.org/conf\\_papers/f113040.pdf](http://conference.nber.org/conf_papers/f113040.pdf)

Han, Hsing-Wen, Hsien-Ming Lien, and Tzu-Ting Yang. 2020. "Patient Cost-Sharing and Healthcare Utilization in Early Childhood: Evidence from a Regression Discontinuity Design." *American Economic Journal: Economic Policy*, 12 (3): 238-78.

## **Medicare & Medicaid SH Chapter 12**

Currie, Janet and Jon Gruber. (1996). "Saving Babies: The Efficacy and Cost of Recent Changes in the Medicaid Eligibility of Pregnant Women," *Journal of Political Economy*.

Currie, Janet and Jon Gruber. (1996). "Health Insurance Eligibility, Utilization of Medical Care, and Child Health," *Quarterly Journal of Economics*.

Finkelstein, Amy, "The Aggregate Effects of Health Insurance: Evidence from the Introduction of Medicare," *Quarterly Journal of Economics*, 2007, 122(1), 1-37

Card, David, Carlos Dobkin, Nicole Maestas, "Does Medicare Save Lives?" *Quarterly Journal of Economics*, 2009, 124(2), 597-636.

Finkelstein, Amy, Sarah Taubman, Bill Wright, Mira Bernstein, Jonathan Gruber, Joseph P. Newhouse, Heidi Allen, and Katherine Baicker, "The Oregon Health Insurance Experiment: Evidence from the First Year," *Quarterly Journal of Economics*, 2012, 127(3), 1057-1106.

Goodman-Bacon, Andrew. 2021. "The Long-Run Effects of Childhood Insurance Coverage: Medicaid Implementation, Adult Health, and Labor Market Outcomes." *American Economic Review*, 111 (8): 2550-93.

*Cabral, Marika, Michael Geruso, and Neale Mahoney. 2018. "Do Larger Health Insurance Subsidies Benefit Patients or Producers? Evidence from Medicare Advantage." American Economic Review*, 108 (8):

*In the Shadow of a Giant: Medicare's Influence on Private Physician Payments* Clemens, Jeffrey; Gottlieb, Joshua D. *Journal of Political Economy*, February 2017, v. 125, iss. 1, pp. 1-39

*Industry Input in Policy Making: Evidence from Medicare* David C Chan, Michael J Dickstein  
*The Quarterly Journal of Economics*, Volume 134, Issue 3, August 2019, Pages 1299–1342,

*Public Insurance and Mortality: Evidence from Medicaid Implementation* Goodman-Bacon,  
Andrew *Journal of Political Economy*, 2018, v. 126, iss. 1, pp. 216-62

*Does Managed Care Widen Infant Health Disparities? Evidence from Texas Medicaid* Ilyana  
Kuziemko Katherine Meckel Maya Rossin-Slater *American Economic Journal: Economic Policy*  
(Forthcoming)

*Impacts of performance pay for hospitals: The Readmissions Reduction Program.* Atul Gupta.  
2017. [https://www.dropbox.com/s/rfwok9en2c5812j/Gupta\\_HRRP.pdf?dl=0](https://www.dropbox.com/s/rfwok9en2c5812j/Gupta_HRRP.pdf?dl=0)

Christopher Ody, Lucy Msall, Leemore S. Dafny, David C. Grabowski, and David M. Cutler  
*Decreases In Readmissions Credited To Medicare's Program To Reduce Hospital Readmissions  
Have Been Overstated.* *Health Affairs* January 2019 38(1): 36-43

*Externalities and Taxation of Supplemental Insurance: A Study of Medicare and Medigap†*  
Marika Cabral and Neale Mahoney *American Economic Journal: Applied Economics* 2019,  
11(2): 37–73

*Health Care Spending and Utilization in Public and Private Medicare* By Vilsa Curto, Liran  
Einav, Amy Finkelstein, Jonathan Levin, and Jay Bhattacharya. *American Economic Journal:  
Applied Economics* 2019, 11(2): 302–332

*Does Medicare Coverage Improve Cancer Detection and Mortality Outcomes?* Rebecca Mary  
Myerson, Reginald Tucker-Seeley, Dana Goldman & Darius N. Lakdawalla *NBER Working  
Paper* 26292 2019

Dranove, David, Christopher Ody, and Amanda Starc. 2021. "A Dose of Managed Care:  
Controlling Drug Spending in Medicaid." *American Economic Journal: Applied Economics*, 13  
(1): 170-97.

## **The Affordable Care**

Yaa Akosa Antwi & Asako S. Moriya & Kosali Simon, 2013. "Effects of Federal Policy to  
Insure Young Adults: Evidence from the 2010 Affordable Care Act's Dependent-Coverage  
Mandate," *American Economic Journal: Economic Policy* 5(4), pages 1-28

Sarah Miller, Norman Johnson, Laura R Wherry, *Medicaid and Mortality: New Evidence From  
Linked Survey and Administrative Data*, *The Quarterly Journal of Economics*, Volume 136,  
Issue 3, August 2021, Pages 1783–1829

Lurie, Ithai Z., Daniel W. Sacks, and Bradley Heim. 2021. "Does the Individual Mandate Affect  
Insurance Coverage? Evidence from Tax Returns." *American Economic Journal: Economic  
Policy*, 13 (2): 378-407.

Health Insurance and Mortality: Experimental Evidence from Taxpayer Outreach Jacob Goldin, Ithai Z Lurie, Janet McCubbin *The Quarterly Journal of Economics*, Volume 136, Issue 1, February 2021, Pages 1–49,

*Journal of Public Economics* Volume 172, April 2019, Pages 67-83 *Journal of Public Economics*  
*The effect of health insurance on home payment delinquency: Evidence from ACA Marketplace subsidies* Emily A. Gallagher, Radhakrishnan Gopalan, Michal Grinstein-Weiss

Obama B. *United States Health Care Reform Progress to Date and Next Steps*. *JAMA*. 2016;316(5):525–532.

*Effects of ACA Medicaid Expansions on Health Insurance Coverage and Labor Supply* Robert Kaestner Bowen Garrett Jiajia Chen Anuj Gangopadhyaya Caitlyn Fleming Volume 36, Issue 3 Summer 2017 Pages 608-642. *JPAM*

*The ACA Medicaid Expansion in Michigan and Financial Health* Sarah Miller, Luoia Hu, Robert Kaestner, Bhashkar Mazumder, Ashley Wong *NBER Working Paper No. 25053* 2018

*The effect of the affordable care act Medicaid expansions on financial wellbeing*. Authors Luoia Hu, Robert Kaestner, Bhashkar Mazumder, Sarah Miller, Ashley Wong Publication date 2018/5/7 *Journal of Public Economics*

*The Effects of Medicaid Expansion under the ACA: Updated Findings from a Literature Review* Larisa Antonisse, Rachel Garfield, Robin Rudowitz Kaiser Family Foundation.  
<https://www.kff.org/medicaid/issue-brief/the-effects-of-medicaid-expansion-under-the-aca-updated-findings-from-a-literature-review-march-2018/>

*The Impact of the Affordable Care Act: Evidence from California's Hospital Sector* Mark Duggan, Atul Gupta, and Emilie Jackson *NBER Working Paper No. 25488* January 2019

*The Effect of Health Insurance on Mortality: Power Analysis and What We Can Learn from the Affordable Care Act Coverage Expansions* Bernard Black, Alex Hollingsworth, Leticia Nunes, Kosali Simon *NBER Working Paper No. 25568* 2019

*N Engl J Med*. 2019 Jun 19. *Medicaid Work Requirements - Results from the First Year in Arkansas..* Sommers BD, Goldman AL, Blendon RJ, Orav EJ, Epstein AM

*Regulating Markups in U.S. Health Insurance*. Steve Cicala Ethan M. J. Lieber Victoria Marone *American Economic Journal: Applied Economics* (Forthcoming).

*Appointment Availability after Increases in Medicaid Payments for Primary Care* Daniel Polsky, Michael Richards, Simon Basseyn, B.A., Douglas Wissoker, Genevieve M. Kenney, Stephen Zuckerman, and Karin V. Rhodes February 5, 2015 *N Engl J Med* 2015; 372:537-545

*Declining Medicaid Fees and Primary Care Appointment Availability for New Medicaid Patients*  
Molly Candon, PhD; Stephen Zuckerman, PhD; Douglas Wissoker, PhD; Brendan Saloner,  
PhD; Genevieve M. Kenney, PhD; Karin Rhodes, MD; Daniel Polsky, PhD *JAMA Intern Med.*  
2018;178(1):145-14

*Journal of Health Economics* Volume 56, December 2017, Pages 71-86 Do individuals respond  
to cost-sharing subsidies in their selections of marketplace health insurance plans? Thomas  
DeLeire Andre Chappel Kenneth Finegold EmilyGee

*The Impacts of Physician Payments on Patient Access, Use, and Health* Diane Alexander, Molly  
Schnell NBER Working Paper No. 26095. 2019

*The Affordable Care Act's Effects On Patients, Providers, And The Economy: What We've  
Learned So Far* Jonathan Gruber Benjamin D. Sommers 2019 *Journal of Policy Analysis and  
Management*

*The Impact of the ACA on Insurance Coverage Disparities After Four Years* Charles J.  
Courtemanche, Ishtiaque Fazlul, James Marton, Benjamin D. Ukert, Aaron Yelowitz, Daniela  
Zapata. NBER Working Paper No. 26157. 2019

*Journal of Health Economics* Volume 72, July 2020, 102333 *Journal of Health Economics* Did  
the ACA Medicaid expansion save lives? MarkBorgschulte Jacob Vogler

Scheuer, Florian, and Kent Smetters. 2018. "How Initial Conditions Can Have Permanent  
Effects: The Case of the Affordable Care Act." *American Economic Journal: Economic Policy*,  
10 (4): 302-43.

## **Household Finances**

### **SH Chapter 11**

Health Aff 2005 W5-63-W5-73. Illness and injury as contributors to bankruptcy. Himmelstein  
DU, Warren E, Thorne D, Woolhandler S.

Medical Bankruptcy: Myth Versus Fact *Health Affairs* 25(2) (2006): w74–w83 by David  
Dranove and Michael L. Millenson

The Economic Consequences of Hospital Admissions Carlos Dobkin Amy Finkelstein  
Raymond Kluender Matthew J. Notowidigdo *American Economic Review* Vol. 108, No. 2,  
February 2018 (Pp. 308-52)

The Liquidity Sensitivity of Healthcare Consumption: Evidence from Social Security Payments  
Tal Gross Timothy J. Layton Daniel Prinz *American Economic Review: Insights* (Forthcoming)

Kluender R, Mahoney N, Wong F, Yin W. Medical Debt in the US, 2009-2020. *JAMA*.  
2021;326(3):250–256. doi:10.1001/jama.2021.8694

*Impacts of Basic Income on Health and Economic Well-Being: Evidence from the VA's Disability Compensation Program* David Silver and Jonathan Zhang NBER Working Paper No. 29877

March 2022

Batty, M., Gibbs, C., & Ippolito, B. (2022). Health insurance, medical debt, and financial well-being. *Health Economics*, 31( 5), 689– 728.

*The Impact of Financial Assistance Programs on Health Care Utilization* Alyce S. Adams, Raymond Kluender, Neale Mahoney, Jinglin Wang, Francis Wong, and Wesley Yin, NBER Working Paper No. 29227 September 2021

*Health and (Other) Asset Holdings* Hugonnier, Julien; Pelgrin, Florian; St-Amour, Pascal *Review of Economic Studies*, April 2013, v. 80, iss. 2, pp. 663-710

*Discounting The Debtors Will Not Make Medical Bankruptcy Disappear*, by David U. Himmelstein, Elizabeth Warren, Deborah Thorne, and Steffie Woolhandler, [*Health Affairs* 25(2) (2006): w84-w88

*Myth and Measurement — The Case of Medical Bankruptcies*, Carlos Dobkin, Amy Finkelstein, Raymond Kluender, B.S., and Matthew J. Notowidigdo March 22, 2018 *N Engl J Med* 2018; 378:1076-1078

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