



# References

## Chapter 1

- Altshuler, R., H. Grubert, and T. Newlon. 2001. "Has U.S. Investment Abroad Become More Sensitive to Tax Rates?" In *International Taxation and Multinational Activity*, edited by James R. Hines Jr. Chicago: University of Chicago Press.
- Arulampalam, W., M. Devereux, and G. Maffini. 2012. "The Direct Incidence of Corporate Income Tax on Wages." *European Economic Review* 56, no. 6: 1038–54.
- Auerbach, A. 1988. "Capital Gains Taxation in the United States: Realizations, Revenue, and Rhetoric." *Brookings Papers on Economic Activity*, no. 2: 595–631.
- . 2006. "Who Bears the Corporate Tax? A Review of What We Know." In *Tax Policy and the Economy*, edited by James Poterba. Cambridge, MA: MIT Press.
- Auerbach, A. and K. Hassett. 1992. "Tax Policy and Business Fixed Investment in the United States." *Journal of Public Economics* 47: 141–70.
- Aus dem Moore, N., T. Kasten, and C. Schmidt. 2014. "Do Wages Rise When Corporate Taxes Fall? Evidence from Germany's Tax Reform 2000." *Ruhr Economic Papers*, no. 532.
- Auten, G., and R. Carroll. 1995. "Behavior of the Affluent and the 1986 Tax Reform Act." *Proceedings of the 87th Annual Conference on Taxation of the National Tax Association*, 7–12.
- . 1999. "The Effect of Income Taxes on Household Income." *Review of Economics and Statistics* 81, no. 4: 681–93.
- Azémar, C., and G. Hubbard. 2015. "Country Characteristics and the Incidence of Capital Income Taxation on Wages: An Empirical Assessment." *Canadian Journal of Economics* 48, no. 5: 1762–1802.
- Barro, R. 2018. "Tax Reform Will Pay Growth Dividends." *Wall Street Journal*, January 4.
- Barro, R., and C. Redlick. 2011. "Macroeconomic Effects from Government Purchases and Taxes." *Quarterly Journal of Economics* 126: 51–102.
- Barth, E., A. Bryson, J. Davis, and R. Freeman. 2016. "It's Where You Work: Increases in the Dispersion of Earnings across Establishments and Individuals in the United States." *Journal of Labor Economics* 34, no. S2: S67–S97.
- Bartik, T. 1985. "Business Location Decisions in the United States: Estimates of the Effects of Unionization, Taxes and Other Characteristics of States." *Journal of Business and Economic Statistics* 3: 14–22.

- Beebe, N. 2013. "A Complete Bibliography of Publications in the SIAM." <http://www.jstor.org/stable/pdf/2720229.pdf>.
- Benassy-Quere, A., L. Fontagne, and A. Lahreche-Revil. 2001. "Tax Competition and Foreign Direct Investment." Unpublished manuscript. Centre d'Etudes Prospectives et d'Informations Internationales, Paris.
- . 2003. *Tax Competition and Foreign Direct Investment*. CEPII Working Paper 2003-17. Paris: Centre d'Etudes Prospectives et d'Informations Internationales.
- Benzarti, Y. 2017. *How Taxing Is Tax Filing? Using Revealed Preferences to Estimate Compliance Costs*. NBER Working Paper 23903. Cambridge, MA: National Bureau of Economic Research. <http://www.nber.org/papers/w23903>.
- Billington, N. 1999. "The Location of Foreign Direct Investment: An Empirical Analysis." *Applied Economics* 31: 65–76.
- Blanchard, O., and R. Perotti. 2002. "An Empirical Characterization of the Dynamic Effects of Changes in Government Spending and Taxes on Output." *Quarterly Journal of Economics* 117: 1329–68.
- Blau, F, and L. Kahn. 2007. "Changes in the Labor Supply Behavior of Married Women: 1980–2000." *Journal of Labor Economics* 25, no. 3: 393–438.
- Blinder, A., and R. M. Solow. 1973. "Does Fiscal Policy Matter?" *Journal of Public Economics* 2: 319–337.
- BLS (Bureau of Labor Statistics). 2016. "Table A-1: Households by Total Money Income, Race, and Hispanic Origin of Householder: 1967 to 2016."
- . 2017. "Wages and Salaries Were 92 Percent of Income Before Taxes for Consumers Ages 25 to 34 in 2014." *TED: The Economic Daily*.
- Blundell, R., and T. McCurdy. 1999. "Labor Supply: A Review of Alternative Approaches." In *Handbook of Labor Economics*, vol. 3, edited by O. Ahsenfelder and D. Card. Amsterdam: Elsevier. <http://www.sciencedirect.com/science/article/pii/S1573446399030084>.
- Boskin, M., and W. Gale. 1987. "New Results on the Effects of Tax Policy on the International Location of Investment." In *The Effects of Taxation on Capital Accumulation*, edited by M. Feldstein. Chicago: University of Chicago Press.
- Broekman, P., and P. van Vliet. 2000. "De gevoeligheid van FDI voor de Effectieve Tax Rate." Erasmus Advies Project, Erasmus University, Rotterdam.
- Buettner, T. 2002. *The Impact of Taxes and Public Spending on the Location of FDI: Evidence from FDI Flows within the EU*. ZEW Discussion Paper 02-17. Mannheim: ZEW.
- Buettner, T., and M. Ruf. 2004. *Tax Incentives and the Location of FDI: Evidence from a Panel of German Multinationals*. ZEW Discussion Paper 04-76. Mannheim: ZEW.
- Buiter, Willem H. 1990. *Principles of Budgetary and Financial Policy*. Cambridge, MA: MIT Press.
- Bureau of Economic Analysis. 2017. "National Income and Products Accounts. Gross Domestic Product: Fourth Quarter and Annual 2016 (Advance Estimate)."

- Caballero, R., E. Engel, and J. Haltiwanger. 1995. "Plant-Level Adjustment and Aggregate Investment Dynamics." *Brookings Papers on Economic Activity*, no. 2: 1–54.
- Calomiris, C., and K. Hassett. 2002. "Marginal Tax Rate Cuts and the Public Tax Debate." *National Tax Journal* 55, no. 1: 119–31.
- Capozza, D., R. Green, and P. Hendershott. 1996. "Taxes, Mortgage Borrowing, and Residential Land Prices." In *Economic Effects of Fundamental Tax Reform*, edited by H. Aaron and W. Gale. Washington: Brookings Institution Press.
- Carroll, R. 2009. *The Corporate Income Tax and Workers' Wages: New Evidence from 50 States*. Tax Foundation Special Report 169. Washington: Tax Foundation.
- Cassou, S. 1997. "The Link between Tax Rates and Foreign Direct Investment." *Applied Economics* 29: 1295–1301.
- CBPP (Center on Budget and Policy Priorities). 2013. "Policy Basics: Where Do Our Federal Tax Dollars Go?" <https://www.cbpp.org/research/federal-budget/policy-basics-where-do-our-federal-tax-dollars-go?fa=view&id=1258>.
- CEA (Council of Economic Advisers). 2017. "Corporate Tax Reform and Wages: Theory and Evidence." White House, Washington. <https://www.whitehouse.gov/sites/whitehouse.../Tax%20Reform%20and%20Wages.pdf>.
- Chirinko, R., S. Fazzari, and A. Meyer. 1999. "How Responsive Is Business Capital Formation to Its User Cost? An Exploration with Micro Data." *Journal of Public Economics* 74: 53–80.
- Cloyne, J. 2013. "Discretionary Tax Changes and the Macroeconomy: New Narrative Evidence from the United Kingdom." *American Economic Review* 103: 1507–28.
- Cummins, J., and K. Hassett. 1992. "The Effects of Taxation on Investment: New Evidence from Firm-Level Panel Data." *National Tax Journal* 45: 243–52.
- Cummins, J., K. Hassett, and R. Hubbard. 1994. "A Reconsideration of Investment Behavior Using Tax Reforms as Natural Experiments." *Brookings Papers on Economic Activity*, no. 2: 1–74.
- . 1996. "Tax Reforms and Investment: A Cross-Country Comparison." *Journal of Public Economics* 62: 237–73.
- Cummins, J., K. Hassett, and S. Oliner. 2006. "Investment Behavior, Observable Expectations, and Internal Funds." *American Economic Review* 96: 796–810.
- de Mooij, R., and S. Ederveen. 2001. *Taxation and Foreign Direct Investment: A Synthesis of Empirical Research*. CESifo Working Paper 588. Munich: Center for Economic Studies and IFO Institute.
- . 2003. "Taxation and Foreign Direct Investment: A Synthesis of Empirical Research." *International Tax and Public Finance* 10: 673–93.
- . 2005. *Explaining the Variation in Empirical Estimates of Tax Elasticities of Foreign Direct Investment*. Discussion Paper 2005-108/3. Amsterdam: Tinbergen Institute.

- . 2008. “Corporate Tax Elasticities: A Reader’s Guide to Empirical Findings.” *Oxford Review of Economic Policy* 24: 680–97.
- Desai, M., C. Foley, and J. Hines. 2004. “Foreign Direct Investment in a World of Multiple Taxes.” *Journal of Public Economics* 88: 2727–44.
- Devereux, M., and H. Freeman. 1995. “The Impact of Tax on Foreign Direct Investment: Empirical Evidence and the Implications for Tax Integration Schemes.” *International Tax and Public Finance* 2: 85–106.
- Devereux, M., and R. Griffith. 1998. “Taxes and the Location of Production: Evidence from a Panel of U.S. Multinationals.” *Journal of Public Economics* 68: 335–67.
- Devereux, M., R. Griffith, and A. Klemm. 2002. “Corporate Income Tax: Reforms and Competition.” *Economic Policy* 17: 451–95.
- Dischinger, M., and N. Riedel. 2011. “Corporate Taxes and the Location of Intangible Assets within Multinational Firms.” *Journal of Public Economics* 95, no. 7: 691–707.
- Djankov, S., T. Ganser, C. McLiesh, R. Ramalho, and A. Shleifer. 2010. “The Effect of Corporate Taxes on Investment and Entrepreneurship.” *American Economic Journal: Macroeconomics* 2, no. 3: 31–64.
- Dwenger, N. 2014. “User Cost of Capital Revisited.” *Economica* 81: 161–86.
- Dwenger, N., D. Kübler, and G. Weizsäcker. 2013. *Preference for Randomization: Empirical and Experimental Evidence*. SFB 649 Discussion Paper 2013-004. Vienna: Wirtschaftsuniversität.
- Dwenger, N., P. Rattenhuber, and V. Steiner. 2017. “Sharing the Burden? Empirical Evidence on Corporate Tax Incidence.” *German Economic Review*. [http://www.tax.mpg.de/fileadmin/templatesnew/pdf/Dwenger-Rattenhuber-Steiner\\_Incidence\\_MPI.pdf](http://www.tax.mpg.de/fileadmin/templatesnew/pdf/Dwenger-Rattenhuber-Steiner_Incidence_MPI.pdf).
- Ebrahimi, P., and F. Vaillancourt. 2016. *The Effect of Corporate Income and Payroll Taxes on the Wages of Canadian Workers*. Vancouver: Fraser Institute.
- Eisner, R., and M. Nadiri. 1968. “Investment Behavior and Neo-Classical Theory.” *Review of Economics and Statistics* 50: 369–82.
- Engen, E., and G. Hubbard. 2005. “Federal Government Debt and Interest Rates.” In *NBER Macroeconomics Annual 19*, edited by In M. Gertler and K. Rogoff. Cambridge, MA: MIT Press.
- Federal Reserve Board. 2017. “Financial Accounts of the United States: Flow of Funds, Balance Sheets, and Integrated Macroeconomic Accounts.” <https://www.federalreserve.gov/releases/z1/current/z1.pdf>.
- Feldstein, M., and G. Metcalf. 1987. “The Effect of Federal Tax Deductibility on State and Local Taxes and Spending.” *Journal of Political Economy* 95, no. 4: 710–36.
- Felix, R. 2007. “Passing the Burden: Corporate Tax Incidence in Open Economies.” LIS Working Paper. <https://ideas.repec.org/p/lis/liswps/468.html>.
- . 2009. “Do State Corporate Income Taxes Reduce Wages?” *Economic Review—Federal Reserve Bank of Kansas City* 94, no. 2: 77.

- Floetotto, M., M. Kirker, and J. Stroebel. 2016. "Government Intervention in the Housing Market: Who Wins, Who Loses?" *Journal of Monetary Economics* 80: 106–23.
- Fuest, C., A. Peichl, and S. Sieglöcher. 2018. "Do Higher Corporate Taxes Reduce Wages? Micro Evidence from Germany." *American Economic Review* 108, no. 2: 393–418. <https://www.aeaweb.org/articles?id=10.1257/aer.20130570>.
- Gale, W., and P. Orszag. 2004. "Budget Deficits, National Saving, and Interest Rates." *Brookings Papers on Economic Activity*, no. 2: 101–210.
- Giroud, X., and J. Rauh. 2017. "State Taxation and the Reallocation of Business Activity: Evidence from Establishment-Level Data." *Journal of Political Economy*, forthcoming.
- Goolsbee, A. 1998. "Investment Tax Incentives, Prices, and the Supply of Capital Goods." *Quarterly Journal of Economics* 113: 121–48.
- . 2000. "The Importance of Measurement Error in the Cost of Capital." *National Tax Journal* 53: 215–28.
- . 2004. "Taxes and the Quality of Capital." *Journal of Public Economics* 88: 519–43.
- Gorter, J., and A. Parikh. 2000. "How Mobile Is Capital in the European Union?" CPB Research Memorandum 172, The Hague.
- Grubert, H., and J. Mutti. 1991. "Taxes, Tariffs and Transfer Pricing in Multinational Corporate Decision Making." *Review of Economics and Statistics* 73: 285–93.
- . 2000. "Do Taxes Influence Where U.S. Corporations Invest?" *National Tax Journal* 53: 825–39.
- Güvener, F., R. Mataloni, D. Rassier, and K. Ruhl. 2017. *Offshore Profit Shifting and Domestic Productivity Measurement*. NBER Working Paper 23324. Cambridge, MA: National Bureau of Economic Research.
- Hall, R., and D. Jorgenson. 1967. "Tax Policy and Investment Behavior." *American Economic Review* 57: 391–414.
- Harhoff, D., and F. Ramb. 2001. "Investment and Taxation in Germany: Evidence from Firm-Level Panel Data." In *Investing Today for the World of Tomorrow: Studies on the Investment Process in Europe*. Heidelberg: Springer.
- Harris, B. 2013. *Tax Reform, Transaction Costs, and Metropolitan Housing in the United States*. Washington: Urban–Brookings Tax Policy Center.
- Hartman, D. 1984. "Tax Policy and Foreign Direct Investment in the United States." *National Tax Journal* 53: 285–93.
- Hassett, K., and G. Hubbard. 2002. "Tax Policy and Business Investment." In *Handbook of Public Economics*, edited by A. Auerbach and M. Feldstein. Amsterdam: Elsevier.
- Hassett, K., and A. Mathur. 2006. *Taxes and Wages*. AEI Working Paper 128. Washington: American Enterprise Institute.
- . 2015. "A Spatial Model of Corporate Tax Incidence." *Applied Economics* 47, no. 13: 1350–65.

- Hayo, B., and M. Uhl. 2014. "The Macroeconomic Effects of Legislated Tax Changes in Germany." *Oxford Economic Papers* 66, no. 2: 397–418.
- Heckman, J. 1993. "What Has Been Learned About Labor Supply in the Past Twenty Years?" *American Economic Review* 83, no. 2: 116–21.
- Hilber, C., and T. Turner. 2014. "The Mortgage Interest Deduction and Its Impact on Homeownership Decisions." *Review of Economics and Statistics* 96, no. 4: 618–37.
- Hines, J., Jr. 1996. "Altered States: Taxes and the Location of Foreign Direct Investment in America," *American Economic Review* 86: 1076–94.
- Hines, J., Jr., and E. Rice. 1994. "Fiscal Paradise: Foreign Tax Havens and American Business." *Quarterly Journal of Economics* 109: 149–182.
- Inman, R. 1989. "The Local Decision to Tax: Evidence from Large U.S. Cities." *Regional Science and Urban Economics* 19, no. 3: 455–91.
- IRS (Internal Revenue Service). 2010. "Historical Table 24: U.S. Corporation Income Tax—Tax Brackets and Rates, 1909–2010." <https://www.irs.gov/statistics/soi-tax-stats-historical-table-24>.
- Jensen, M., A. Mathur, and C. Kallen. 2017. "Analyzing the Link between Corporate Taxes, Investment, and GDP." *AEIdeas*. <http://www.aei.org/publication/analyzing-the-link-between-corporate-taxes-investment-and-gdp/>.
- Joint Committee on Taxation. 2017a. "Distributional Effects of the Conference Agreement for H.R.1, the 'Tax Cuts and Jobs Act.'"
- . 2017b. "Estimating Budget Effects of the Conference Agreement for H.R.1, the 'Tax Cuts and Jobs Act.'"
- Jorgenson, D. 1963. "Capital Theory and Investment Behavior." *American Economic Review* 53: 305–60.
- Jun, J. 1994. *How Taxation Affects Foreign Direct Investment (Country-Specific Evidence)*. Policy Research Working Paper 1307. Washington: World Bank.
- Karkinsky, T., and N. Riedel. 2012. "Corporate Taxation and the Choice of a Patent Location within Multinational Firms." *Journal of International Economics* 88: 176–85.
- Keane, M. 2011. "Labor Supply and Taxes: A Survey." *Journal of Economic Literature* 49, no. 4: 961–1075.
- Keane, M., and R. Rogerson. 2012. "Micro and Macro Labor Supply Elasticities: A Reassessment of Conventional Wisdom." *Journal of Economic Literature* 50, no. 2: 464–79.
- . 2015. "Reconciling Micro and Macro Labor Supply Elasticities: A Structural Perspective." *Annual Review of Economics* 7: 89–117.
- Kline, P., N. Petkova, H. Williams, and O. Zidar. 2017. *Who Profits from Patents? Rent-Sharing at Innovative Firms*. Working Paper 107-17. Los Angeles: UCLA Institute for Research on Labor and Employment.
- Laubach, T. 2009. "New Evidence on the Interest Rate Effects of Budget Deficits and Debt." *Journal of the European Economic Association* 7: 858–85.

- Leigh, D., A. Pescatori, and J. Guajardo. 2011. *Expansionary Austerity: New International Evidence*. IMF Working Paper 11/158. Washington: International Monetary Fund.
- Liu, L., and R. Altshuler. 2013. "Measuring the Burden of the Corporate Income Tax under Imperfect Competition." *National Tax Journal* 66, no. 1: 215–37.
- Lizarazo Ruiz, S., A. Peralta-Alva, and D. Puy. 2017. *Macroeconomic and Distributional Effects of Personal Income Tax Reforms: A Heterogeneous Agent Model Approach for the U.S.* IMF Working Paper 17/192. Washington: International Monetary Fund.
- McClelland, R., S. Mok, and K. Pierce. 2014. "Labor Force Participation Elasticities of Women and Secondary Earners within Married Couples." Working Paper. Congressional Budget Office, Washington. <https://www.cbo.gov/publication/49433>.
- McKenzie, K., and E. Ferede. 2017. "The Incidence of the Corporate Income Tax on Wages: Evidence from Canadian Provinces." *SPP Research Papers* 10, no. 7.
- Mertens, K., and J. Montiel-Olea. 2017. *Marginal Tax Rates and Income: New Time Series Evidence*. NBER Working Paper 18419. Cambridge, MA: National Bureau of Economic Research.
- Mertens, K., and M. Ravn. 2013. "The Dynamic Effects of Personal and Corporate Income Tax Changes in the United States." *American Economic Review* 103: 1212–47.
- Metcalfe, Gilbert E. 2011. "Assessing the Federal Deduction for State and Local Tax Payments." *National Tax Journal* 64, no.2: 565-90.
- Mountford, A., and H. Uhlig. 2009. "What Are the Effects of Fiscal Policy Shocks?" *Journal of Applied Econometrics* 24: 960–92.
- Murthy, N. 1989. "The Effects of Taxes and Rates of Return on Foreign Direct Investment in the United States: Some Econometric Comments." *National Tax Journal* 42: 205–7.
- Newlon, T. 1987. "Tax Policy and Multination Firms' Financial Policy and Investment Decisions." Ph.D. diss., Princeton University.
- OECD Statistics. 2017. "Public Sector, Taxation and Market Regulation: Taxation." <https://stats.oecd.org/>.
- OMB (Office of Management and Budget). 2017. "OMB Historical Tables: Table 2.3—Receipts by Source as Percentages of GDP: 1934–2022." <https://www.whitehouse.gov/omb/historical-tables/>.
- Ohrn, E. 2017. "The Effect of Corporate Taxation on Investment and Financial Policy: Evidence from the DPAD." *American Economic Journal: Economic Policy*, forthcoming.
- Okrent, D. 2010. *Last Call: The Rise and Fall of Prohibition*. New York: Scribner.
- Pain, N., and G. Young. 1996. "Tax Competition and the Pattern of European Foreign Direct Investment." Unpublished manuscript. National Institute of Economic and Social Research, London.

- Papke, L. 1991. "Interstate Business Tax Differentials and New Firm Location: Evidence from Panel Data." *Journal of Public Economics* 45: 47–68.
- Pencavel, J. 1986. "Labor Supply of Men: A Survey." In *Handbook of Labor Economics*, vol. 1, edited by O. Ahsenfelder and R. Layard. Amsterdam: Elsevier.
- Piketty, T., and E. Saez. 2007. "How Progressive Is the U.S. Federal Tax System? A Historical and International Perspective." *Journal of Economic Perspectives* 21: 3–24.
- Poterba, J. 1984. "Tax Subsidies to Owner-Occupied Housing: An Asset-Market Approach." *Quarterly Journal of Economics* 99, no. 4: 729–52.
- President's Advisory Panel on Federal Tax Reform. 2005. *Final Report of the President's Advisory Panel on Federal Tax Reform*. Washington: U.S. Government Publishing Office. <http://govinfo.library.unt.edu/taxreformpanel/final-report/>.
- Ramey, V. 2016. "Macroeconomic Shocks and Their Propagation." In *Handbook of Macroeconomics*, vol. 2, edited by J. Taylor and H. Uhlig. Amsterdam: Elsevier.
- Rappoport, D. 2016. *Do Mortgage Subsidies Help or Hurt Borrowers?* Finance and Economics Discussion Series 20216-81. Washington: Board of Governors of the Federal Reserve System.
- Romer, C., and D. Romer. 2010. "The Macroeconomic Effects of Tax Changes: Estimates Based on a New Measure of Fiscal Shocks." *American Economic Review* 100: 763–801.
- Saez, E., J. Slemrod, and S. Giertz. 2012. "The Elasticity of Taxable Income with Respect to Marginal Tax Rates: A Critical Review." *Journal of Economic Literature* 50, no. 1: 3–50.
- Schaller, H. 2006. "Estimating the Long-Run User Cost Elasticity." *Journal of Monetary Economics* 53, no. 4: 725–36.
- Shang-Jin, W. 1997. "How Taxing Is Corruption on International Investors?" NBER Working Paper 6030. Cambridge, MA: National Bureau of Economic Research.
- Slemrod, J. 1990. "Tax Effects on Foreign Direct Investment in the U.S.: Evidence from a Cross-Country Comparison." In *Taxation in the Global Economy*, edited by A. Razin and J. Slemrod. Chicago: University of Chicago Press.
- . 2006. "The (Compliance) Cost of Taxing Business." University of Michigan. [http://webuser.bus.umich.edu/jslemrod/pdf/cost\\_of\\_taxing\\_business.pdf](http://webuser.bus.umich.edu/jslemrod/pdf/cost_of_taxing_business.pdf).
- Smith, Adam. 1776. *An Inquiry Into the Nature and Causes of the Wealth of Nations*. London: Strahan & Cadell.
- Sommer, K., and P. Sullivan. 2017. "Implications of U.S. Tax Policy for House Prices, Rents, and Homeownership." *American Economic Review*, forthcoming.
- Spengel, C., F. Heinemann, M. Olbert, O. Pfeiffer, T. Schwab, and K. Stutzenberger. 2017. *Analysis of U.S. Corporate Tax Reform Proposals and Their Effects for Europe and Germany*. Mannheim: ZEW. [ftp.zew.de/pub/zew-docs/gutachten/US\\_Tax\\_Reform\\_2017.pdf](ftp.zew.de/pub/zew-docs/gutachten/US_Tax_Reform_2017.pdf).

- Stöwhase, S. 2003. *Profit Shifting Opportunities, Multinationals, and the Determinants of FDI*. Working Paper. Munich: Ludwig-Maximilians-Universität.
- . 2005. *Tax Rate Differentials and Sector-Specific Foreign Direct Investment: Empirical Evidence from the EU*. Working Paper. Munich: Ludwig-Maximilians-Universität.
- Swenson, D. 1994. “The Impact of U.S. Tax Reform on Foreign Direct Investment in the United States.” *Journal of Public Economics* 54: 243–66.
- . 2001. “Transaction Type and the Effect of Taxes on the Distribution of Foreign Direct Investment in the United States.” In *International Taxation and Multinational Activity*, edited by J. Hines. Chicago: University of Chicago Press.
- Tax Foundation. 2016. “The Compliance Costs of IRS Regulations.” <https://taxfoundation.org/compliance-costs-irs-regulations/>.
- . 2017. “Corporate Income Tax Rates around the World, 2017.” <https://taxfoundation.org/corporate-income-tax-rates-around-the-world-2017/>.
- Traum, N., and S.C. Yang. 2015. “When Does Government Debt Crowd Out Investment?” *Journal of Applied Econometrics* 30, no. 1: 24–45.
- U.S. Bureau of the Census. 1975. *Historical Statistics of the United States: Colonial Times to 1970*. Vol 2. Washington: U.S. Government Printing Office.
- U.S. Treasury. 2017. “Unified Framework for Fixing Our Broken Tax Code.”
- Young, K. 1988. “The Effects of Taxes and Rates of Return on Foreign Direct Investment in the United States.” *National Tax Journal* 41: 109–21.

## Chapter 2

- Alesina, A., S. Ardagna, G. Nicoletti, and F. Schiantarelli. 2005. “Regulation and Investment.” *Journal of the European Economic Association* 3, no. 4: 791–825.
- Allcott, H., and C. Sunstein. 2015. “Regulating Internalities.” *Journal of Policy Analysis and Management* 34, no. 3: 698–705.
- Alon, T., D. Berger, R. Dent, and B. Pugsley. 2017. “Older and Slower: The Startup Deficit’s Lasting Effects on Aggregate Productivity Growth.” *Journal of Monetary Economics*.
- Ambec, S., M. Cohen, S. Elgie, and P. Lanoie. 2013. “The Porter Hypothesis at 20: Can Environmental Regulation Enhance Innovation and Competitiveness?” *Review of Environmental Economics and Policy* 7, no. 1: 2–22.
- Bailey, E. 1986. “Price and Productivity Change Following Deregulation: The U.S. Experience.” *Economic Journal* 96, no. 381: 1–17.
- Bailey, J., and D. Thomas. 2017. “Regulating Away Competition: The Effect of Regulation on Entrepreneurship and Employment.” *Journal of Regulatory Economics* 52, no. 3: 237–54.
- Baker, S., N. Bloom, and S. Davis. 2016. “Measuring Economic Policy Uncertainty.” *Quarterly Journal of Economics* 131, no. 4: 1593–1636.

- Barone, G., and F. Cingano. 2011. "Service Regulation and Growth: Evidence from OECD Countries." *Economic Journal* 121, no. 555: 931–57.
- Becker, G. 1976. "Comment: Toward a More General Theory of Regulation." *Journal of Law and Economics* 19, no. 2: 245–48.
- Berman, E., and L. Bui. 2001a. "Environmental Regulation and Labor Demand: Evidence from the South Coast Air Basin." *Journal of Public Economics* 79, no. 2: 265–95.
- . 2001b. "Environmental Regulation and Productivity: Evidence from Oil Refineries." *Review of Economics and Statistics* 83, no. 3: 498–510.
- Bloom, N., M. Draca, and J. Van Reenen. 2016. "Trade Induced Technical Change? The Impact of Chinese Imports on Innovation, IT and Productivity." *Review of Economic Studies* 83, no. 1: 87–117.
- Bloomfield, M., U. Brüggemann, H. Christensen, and C. Leuz. 2017. "The Effect of Regulatory Harmonization on Cross-Border Labor Migration: Evidence from the Accounting Profession." *Journal of Accounting Research* 55, no. 1: 35–78.
- Bourlès, R., G. Cette, J. Lopez, J. Mairesse, and G. Nicoletti. 2013. "Do Product Market Regulations in Upstream Sectors Curb Productivity Growth? Panel Data Evidence for OECD Countries." *Review of Economics and Statistics* 95, no. 5: 1750–68.
- Branstetter, L., F. Lima, L. Taylor, and A. Venâncio. 2014. "Do Entry Regulations Deter Entrepreneurship and Job Creation? Evidence from Recent Reforms in Portugal." *Economic Journal* 124, no. 577: 805–32.
- Bridgman, B., S. Qi, and J. Schmitz. 2007. "Does Regulation Reduce Productivity? Evidence from Regulation of the U.S. Beet-Sugar Manufacturing Industry during the Sugar Acts, 1934–74." Federal Reserve Bank of Minneapolis, no. 389.
- . 2009. "The Economic Performance of Cartels: Evidence from the New Deal U.S. Sugar Manufacturing Cartel, 1934–74." Federal Reserve Bank of Minneapolis, no. 437.
- Brunnermeier, S., and M. Cohen. 2003. "Determinants of Environmental Innovation in U.S. Manufacturing Industries." *Journal of Environmental Economics and Management* 45, no. 2: 278–93.
- Chalmers, J., and J. Reuter. 2014. *What Is the Impact of Financial Advisers on Retirement Portfolio Choices and Outcomes?* NBER Working Paper 18158. Cambridge, MA: National Bureau of Economic Research.
- Christainsen, G., and R. Haveman. 1981. "Public Regulations and the Slowdown in Productivity Growth." *American Economic Review* 71, no. 2: 320–25.
- Christoffersen, S., R. Evans, and D. Musto. 2013. "What Do Consumers' Fund Flows Maximize? Evidence from Their Brokers' Incentives." *Journal of Finance* 68, no. 1: 201–35.
- Ciccone, A., and E. Papaioannou. 2007. "Red Tape and Delayed Entry." *Journal of the European Economic Association* 5, nos. 2–3: 444–58.

- Copeland, C. 2017. "EPA and the Army Corps Rule to Define Waters of the United States." Congressional Research Service, Washington.
- Crandall, R. 1981. "Pollution Controls and Productivity Growth in Basic Industries." In *Productivity Measurement in Regulated Industries*, edited by T. Cowing and R. Stevenson. New York: Academic Press.
- Dawson, J., and J. Seater. 2013. "Federal Regulation and Aggregate Economic Growth." *Journal of Economic Growth* 18, no. 2: 137–77.
- De Vries, F., and C. Withagen. 2005. *Innovation and Environmental Stringency: The Case of Sulfur Dioxide Abatement*. Discussion Paper 2005-18. Tilburg: CentER.
- Decker, R., J. Haltiwanger, R. Jarmin, and J. Miranda. 2014. "The Secular Decline in Business Dynamism in the U.S." Unpublished draft, University of Maryland.
- Del Guercio, D., and J. Reuter. 2014. "Mutual Fund Performance and the Incentive to Generate Alpha." *Journal of Finance* 69, no. 4: 1673–1704.
- Denison, E. 2010. *Accounting for Slower Economic Growth: The United States in the 1970s*. Washington: Brookings Institution Press.
- Djankov, S., C. McLiesh, and R. Ramalho. 2006. "Regulation and Growth." *Economics Letters* 92, no. 3: 395–401.
- Dufour, C., P. Lanoie, and M. Patry. 1998. "Regulation and Productivity." *Journal of Productivity Analysis*, no. 9: 233–47.
- Égert, B., and P. Gal. 2017. "The Quantification of Structural Reforms in OECD Countries: A New Framework." OECD Economics Department Working Paper 1354. Paris: OECD Publishing.
- EPA (U.S. Environmental Protection Agency). 2017. "EPA Takes Another Step to Advance President Trump's America First Strategy, Proposes Repeal of 'Clean Power Plan.'" Office of Air and Radiation.
- Fernandes, A., P. Ferreira, and A. Winters. 2014. "Firm Entry Deregulation, Competition and Returns to Education and Skill." *European Economic Review* 70: 210–30.
- Foerster, S., J. Linnainmaa, B. Melzer, and A. Previtro. 2017. "Retail Financial Advice: Does One Size Fit All?" *Journal of Finance* 72, no. 4: 1441–82.
- Ganong, P., and D. Shoag. 2016. *Why Has Regional Income Convergence Declined?* Hutchins Center Working Paper 21. Washington: Hutchins Center on Fiscal and Monetary Policy at Brookings.
- Gayer, T., and K. Viscusi. 2016. "Determining the Proper Scope of Climate Change Policy Benefits in U.S. Regulatory Analyses: Domestic versus Global Approaches." *Review of Environmental Economics and Policy* 10, no. 2: 245–63.
- Gentzkow, M., B. Kelly, and M. Taddy. 2017. *Text as Data*. NBER Working Paper 23276. Cambridge, MA: National Bureau of Economic Research.
- Gittleman, M., and M. Kleiner. 2016. "Wage Effects of Unionization and Occupational Licensing Coverage in the United States." *ILR Review* 69, no. 1: 142–72.

- Glaeser, E., and J. Gyourko. 2017. *The Economic Implications of Housing Supply*. NBER Working Paper 23833. Cambridge, MA: National Bureau of Economic Research.
- Gollop, F., and M. Roberts. 1983. "Environmental Regulations and Productivity Growth: The Case of Fossil-Fueled Electric Power Generation." *Journal of Political Economy* 91, no. 4: 654–74.
- Gørgens, T., M. Paldam, and A. Würtz. 2003. "How Does Public Regulation Affect Growth?" University of Aarhus.
- Gray, W. 1987. "The Cost of Regulation: OSHA, EPA and the Productivity Slowdown." *American Economic Review* 77, no. 5: 998–1006.
- Greenstone, M. 2002. "The Impacts of Environmental Regulations on Industrial Activity: Evidence from the 1970 and 1977 Clean Air Act Amendments and the Census of Manufactures." *Journal of Political Economy* 110, no. 6: 1175–1219.
- Greenstone, M., J. List, and C. Syverson. 2012. *The Effects of Environmental Regulation on the Competitiveness of U.S. Manufacturing*. NBER Working Paper 18392. Cambridge, MA: National Bureau of Economic Research.
- Gutiérrez, G., and T. Philippon. 2017. *Declining Competition and Investment in the U.S.* NBER Working Paper 23583. Cambridge, MA: National Bureau of Economic Research.
- GW Regulatory Studies Center. 2016a. "Pages in the *Federal Register* (1936–2016)." <https://regulatorystudies.columbian.gwu.edu/reg-stats#>.
- . 2016b. "Total Pages in the *Code of Federal Regulations* (1936–2016)." <https://regulatorystudies.columbian.gwu.edu/reg-stats#>.
- Gyourko, J., and R. Molloy. 2014. *Regulation and Housing Supply*. NBER Working Paper 20536. Cambridge, MA: National Bureau of Economic Research.
- Hassan, T., S. Hollander, L. van Lent, and A. Tahoun. 2017. *Firm-Level Political Risk: Measurement and Effects*. NBER Working Paper 24029. Cambridge, MA: National Bureau of Economic Research.
- Hathaway, I., and R. Litan. 2014. "Declining Business Dynamism in the United States: A Look at States and Metros." Brookings Institution, Washington.
- Herkenhoff, K., L. Ohanian, and E. Prescott. 2017. "Tarnishing the Golden and Empire States: Land-Use Restrictions and the U.S. Economic Slowdown." *Journal of Monetary Economics*, forthcoming.
- Hsieh, C., and E. Moretti. 2017. *Housing Constraints and Spatial Misallocation*. NBER Working Paper 21154. Cambridge, MA: National Bureau of Economic Research.
- Jaffe, A., and K. Palmer. 1997. "Environmental Regulation and Innovation: A Panel Data Study." *Review of Economics and Statistics* 79, no. 4: 610–19.
- Jacobzone, S., F. Steiner, E. Lopez Ponton, and E. Job. "Assessing the Impact of Regulatory Management Systems: Preliminary Statistical and Econometric Estimates." *OECD Working Papers on Public Governance* 17: 1.

- Justesen, M. 2008. "The Effect of Economic Freedom on Growth Revisited: New Evidence on Causality from a Panel of Countries 1970–1999." *European Journal of Political Economy* 24, no. 3: 642–60.
- Kaufmann, D., A. Kraay, and M. Mastruzzi. 2011. "The Worldwide Governance Indicators: Methodology and Analytical Issues." *Hague Journal on the Rule of Law* 3, no. 2: 220–46.
- Kleiner, M. 2006. *Licensing Occupations: Ensuring Quality or Restricting Competition?* Kalamazoo, MI: W. E. Upjohn Institute for Employment Research.
- Kleiner, M., and A. Krueger. 2013. "Analyzing the Extent and Influence of Occupational Licensing on the Labor Market." *Journal of Labor Economics* 31, no. S1: S173–S202.
- Kleiner, M., and E. Vorotnikov. 2017. "Analyzing Occupational Licensing among the States." *Journal of Regulatory Economics* 52, no. 2: 132–158.
- Koijen, R., T. Philipson, and H. Uhlig. 2016. "Financial Health Economics." *Econometrica* 84, no. 1: 195–242.
- Koske, I., I. Wanner, R. Bitetti, and O. Barbiero. 2015. *The 2013 Update of the OECD Product Market Regulation Indicators: Policy Insights for OECD and Non-OECD Countries*. OECD Economics Department Working Paper 1200. Paris: OECD Publishing.
- Lanoie, P., M. Patry, and R. Lajeunesse. 2008. "Environmental Regulation and Productivity: Testing the Porter Hypothesis." *Journal of Productivity Analysis* 30, no. 2: 121–28.
- List, J., D. Millimet, P. Fredriksson, and W. McHone. 2003. "Effects of Environmental Regulations on Manufacturing Plant Births: Evidence from a Propensity Score Matching Estimator." *Review of Economics and Statistics* 85, no. 4: 944–52.
- Loayza, N., A. Oviedo, and L. Servén. 2010. "Regulation and Macroeconomic Performance." In *Business Regulation and Economic Performance*, edited by N. Loayza and L. Servén. Washington: World Bank.
- Maddison, A. 1987. "Growth and Slowdown in Advanced Capitalist Economies: Techniques of Quantitative Assessment." *Journal of Economic Literature* 25, no. 2: 649–98.
- Mannix, B., and S. Dudley. 2015. "Please Don't Regulate My Internalities." *Journal of Policy Analysis and Management* 34, no. 3: 715–18.
- McLaughlin, P., and O. Sherouse. 2017. "QuantGov: A Policy Analytics Platform." [http://docs.QuantGov.org/QuantGov\\_working\\_paper.pdf](http://docs.QuantGov.org/QuantGov_working_paper.pdf).
- Nicoletti, G., and S. Scarpetta. 2003. "Regulation, Productivity and Growth: OECD Evidence." *Economic Policy* 18, no. 36: 9–72.
- Norsworthy, R., M. Harper, and K. Kunze. 1979. "The Slowdown in Productivity Growth: Analysis of Some Contributing Factors." *Brookings Papers on Economic Activity*, no. 2: 387–421.

- Office of Information and Regulatory Affairs. 2016. "Information Collection Budget of the United States Government." Office of Management and Budget, White House, Washington.
- Parker, D., and C. Kirkpatrick. 2012. *Measuring Regulatory Performance: The Economic Impact of Regulatory Policy—A Literature Review of Quantitative Evidence*. OECD Expert Paper 3. Paris: OECD Publishing.
- Peltzman, S. 1976. "Toward a More General Theory of Regulation." *Journal of Law and Economics* 19, no. 2: 211–40.
- Porter, M. 1991. "America's Green Strategy." *Scientific American* 264, no. 4: 168.
- Porter, M., and C. Van Der Linde. 1995. "Toward a New Conception of the Environment-Competitiveness Relationship." *Journal of Economic Perspectives* 9, no. 4: 97–118.
- Portney, P. 1981. "The Macroeconomic Impacts of Federal Environmental Regulation." *Natural Resources Journal* 21, no. 3: 459–88.
- Renda, A. 2017. *Introducing EU Reduction Targets on Regulatory Costs: A Feasibility Study*. CPES Research Report 2017/10. Brussels: Centre for European Policy Studies.
- Ruggles, S., K. Genadek, R. Goeken, J. Grover, and M. Sobek. 2017. "Integrated Public Use Microdata Series: Version 7.0." Data set. University of Minnesota, Minneapolis.
- Schmitz, J. 2005. "What Determines Productivity? Lessons from the Dramatic Recovery of the U.S. and Canadian Iron Ore Industries Following Their Early 1980s Crisis." *Journal of Political Economy* 113, no. 3: 582–625.
- Shrout, P., and J. Rodgers. 2018. "Psychology, Science, and Knowledge Construction: Broadening Perspectives from the Replication Crisis." *Annual Review of Psychology* 69, no. 1: 487–510.
- Siegel, J. 1979. "Inflation-Induced Distortions in Government and Private Saving Statistics." *Review of Economics and Statistics* 61, no. 1: 83–90.
- Stigler, G. 1971. "The Theory of Economic Regulation." *Bell Journal of Economics and Management Science* 2, no. 1: 3–21.
- Syverson, C. 2004. "Market Structure and Productivity: A Concrete Example." *Journal of Political Economy* 112, no. 6: 1181–1222.
- U.S. Department of the Interior. 2017. "Concerning the Federal Coal Moratorium." Secretary of the Interior, Order 3348. [https://www.doi.gov/sites/doi.gov/files/uploads/so\\_3348\\_coal\\_moratorium.pdf](https://www.doi.gov/sites/doi.gov/files/uploads/so_3348_coal_moratorium.pdf).
- Viscusi, K., and T. Gayer. 2015. "Behavioral Public Choice: The Behavioral Paradox of Government Policy." *Harvard Journal of Law and Public Policy* 38, no. 3: 973–1007.
- Walker, R. 2011. "Environmental Regulation and Labor Reallocation: Evidence from the Clean Air Act." *American Economic Review* 101, no. 3: 442–47.

## Chapter 3

- Acemoglu, D., D. Autor, and D. Lyle. 2004. "Women, War, and Wages: The Effect of Female Labor Supply on the Wage Structure at Midcentury." *Journal of Political Economy* 112, no. 3: 497–551.
- Aguiar, M. M. Bils, K. Charles, and E. Hurst. 2017. *Leisure Luxuries and the Labor Supply of Young Men*. NBER Working Paper 23552. Cambridge, MA: National Bureau of Economic Research.
- Alvaredo, F. 2011. "A Note on the Relationship between Top Income Shares and the Gini Coefficient." *Economic Letters* 110, no. 3: 274–77.
- Ameriks, J., J. Briggs, A. Caplin, M. Lee, M. Shapiro, and C. Tonetti. 2017. *Older Americans Would Work Longer If Jobs Were Flexible*. NBER Working Paper 24008. Cambridge, MA: National Bureau of Economic Research.
- Armour, P., R. Burkhauser, and J. Larrimore. 2013. "Deconstructing Income and Income Inequality Measures: A Cross-Walk from Market Income to Comprehensive Income." *American Economic Review*, 103, no. 3: 173–77.
- . 2014. "Levels and Trends in United States Income and Its Distribution: A Crosswalk from Market Income towards a Comprehensive Haig-Simons Income Measure." *Southern Economic Journal* 81, no. 2: 271–93.
- Atkinson, A. 2007. "Measuring Top Incomes: Methodological Issues." In *Top Incomes over the Twentieth Century: A Contrast between Continental European and English-Speaking Countries*, edited by A. Atkinson and T. Piketty. Oxford: Oxford University Press.
- Atkinson, A., and A. Brandolini. 2001. "Promise and Pitfalls in the Use of Secondary Data-Sets: Income Inequality in OECD Countries as a Case Study." *Journal of Economic Literature* 39, no. 3: 771–99.
- Atkinson, A., E. Marlier, and A. Guio. 2016. "Monitoring the Evolution of Income Poverty and Real Incomes Over Time." In *Monitoring Social Europe*, edited by A. Atkinson, A. Guio, and E. Marlier. Luxembourg: Eurostat.
- Atkinson, A., T. Piketty, and E. Saez. 2011. "Top Incomes in the Long Run of History." *Journal of Economic Literature* 49, no. 1: 3–71.
- Auten, G., and D. Splinter. 2017. "Income Inequality in the United States: Using Tax Data to Measure Long-term Trends." Draft paper.
- Autor, D., and M. Duggan. 2003. "The Rise in the Disability Rolls and the Decline in Unemployment." *Quarterly Journal of Economics* 118, no. 1: 157–205.
- Autor, D., M. Duggan, L. Greenberg, and D. Lyle. 2016. "The Impact of Disability Benefits on Labor Supply: Evidence from the VA's Disability Compensation Program." *American Economic Journal: Applied Economics* 8, no. 3: 31–68.
- Autor, D., N. Maestas, K. Mullen, and A. Strand. 2015. *Does Delay Cause Decay? The Effect of Administrative Decision Time on the Labor Force Participation and Earnings of Disability Applicants*. NBER Working Paper 20840. Cambridge, MA: National Bureau of Economic Research.

- Bailey, M. 2006. "More Power to the Pill: The Impact of Contraceptive Freedom on Women's Life Cycle Labor Supply." *Quarterly Journal of Economics* 121, no. 1: 289–320.
- . 2013. "Fifty Years of Family Planning: New Evidence on the Long-Run Effects of Increasing Access to Contraception." *Brookings Papers on Economic Activity*, Spring: 341–409.
- Barnichon, R., and A. Figura. 2015. *Declining Desire to Work and Downward Trends in Unemployment and Participation*. NBER Working Paper 21252. Cambridge, MA: National Bureau of Economic Research.
- Bernstein, J., and K. Hassett. 2015. "Unlocking Private Capital to Facilitate Economic Growth in Distressed Areas." Paper for Economic Innovation Group, Washington.
- Blank, R. 2011. *Changing Inequality*. Berkeley: University of California Press.
- Blank, R., and H. Shierholz. 2006. "Exploring Gender Differences in Employment and Wage Trends among Less-Skilled Workers." In *Working and Poor: How Economic and Policy Changes Are Affecting Low-Wage Workers*, edited by R. Blank, S. Danziger, and R. Scheoni. National Poverty Center Series on Poverty and Public Policy. New York: Russell Sage Foundation.
- Blau, D., and R. Goodstein. 2010. "Can Social Security Explain Trends in Labor Force Participation of Older Men in the United States?" *Journal of Human Resources* 45, no. 2: 328–63.
- Blau, F., and L. Kahn. 2013. "Female Labor Supply: Why Is the U.S. Falling Behind?" *American Economic Review* 103, no. 3: 251–65.
- BLS (U.S. Bureau of Labor Statistics). 1987. "Survey of Consumer Expenditures, 1972–1973." 2nd ICPSR Release. U.S. Department of Labor.
- . 2016a. "American Time Use Survey (ATUS), 2003–2015 (Multi-Year ATUS Microdata Files)."
- . 2016b. "Labor Force Participation: What Has Happened since the Peak?" *Monthly Labor Review*, September.
- . 2017a. "Leave Benefits: Access." National Compensation Survey (March).
- . 2017b. "2016 Data on Certifications and Licenses."
- Burkhauser, R. 1979. "The Pension Acceptance Decision of Older Workers." *Journal of Human Resources* 14, no. 1: 63–75.
- Burkhauser, R., and M. Daly. 2011. *The Declining Work and Welfare of People with Disabilities: What Went Wrong and a Strategy for Change*. Washington: American Enterprise Institute Press.
- Burkhauser, R., M. Daly, and N. Ziebarth. 2016. "Protecting Working-Age People with Disabilities: Experiences of Four Industrialized Nations." *Journal for Labour Market Research* 49, no. 4: 367–86.
- Burkhauser, R., S. Feng, S. Jenkins, and J. Larrimore. 2011. "Trends in United States Income Inequality Using the Internal March Current Population Survey: The

- Importance of Controlling for Censoring.” *Journal of Economic Inequality* 9, no. 3: 393–415.
- Burkhauser, R., N. Héroult, S. Jenkins, and R. Wilkins. Forthcoming, a. “Survey Under-Coverage of Top Incomes and Estimation of Inequality: What Is the Role of the U.K.’s SPI Adjustment?” *Fiscal Studies*.
- . Forthcoming, b. “Top Incomes and Inequality in the U.K.: Reconciling Estimates from Household Survey and Tax Return Data.” *Oxford Economic Papers*.
- Burkhauser, R., J. Larrimore, and S. Lyons. 2017. “Measuring Health Insurance Benefits: The Case of People with Disabilities.” *Contemporary Economic Policy* 35, no. 3: 439–56.
- Burkhauser, R., J. Larrimore, and K. Simon. 2012. “A ‘Second Opinion’ on the Economic Health of the American Middle Class.” *National Tax Journal* 65: 7–32.
- Burkhauser, R., and J. Quinn. 1983. “Is Mandatory Retirement Overrated? Evidence from the 1970s.” *Journal of Human Resources* 18, no. 3: 337–58.
- Cahill, K., M. Giandrea, and J. Quinn. 2013. “Bridge Jobs.” In *The Oxford Handbook of Retirement*, edited by Mo Wang. Oxford: Oxford University Press.
- Canberra Group. 2011. *Handbook on Household Income Statistics*, 2nd ed. Geneva: United Nations Economic Commission for Europe.
- Carr, R. V., J. D. Wright, and C. J. Brody. 1996. “Effects of High School Work Experience a Decade Later: Evidence from the National Longitudinal Survey.” *Sociology of Education*, 66–81.
- Case, A., and A. Deaton. 2015. “Rising Morbidity and Mortality in Midlife among White Non-Hispanic Americans in the 21st Century.” *Proceedings of the National Academy of Sciences of the United States of America* 112, no. 49: 15078–83.
- . 2017. “Mortality and Morbidity in the 21st Century.” *Brookings Papers on Economic Activity*, Spring: 397–441.
- CBO (U.S. Congressional Budget Office). 2013. “The Distribution of Household Income and Federal Taxes, 2010.” Supplemental Data. <https://www.cbo.gov/publication/44604>.
- CEA (Council of Economic Advisers). 2014. “The Labor Force Participation Rate since 2007: Causes and Policy Implications.”
- . 2016. “The Long-Term Decline in Prime-Age Male Labor Force Participation.”
- . 2017. “The Growth Effects of Corporate Tax Reform and Implications for Wages.” <https://www.whitehouse.gov/sites/whitehouse.gov/files/images/Corporate%20Tax%20Reform%20and%20Growth%20Final.pdf>.
- Clark, R., and M. Morrill. 2017. *Extending Work Life: Can Employers Adapt When Employees Want to Delay Retirement?* Kalamazoo, MI: W. E. Upjohn Institute for Employment Research.
- Coglianesi, J. 2016. “Shrink-Outs versus Dropouts: Explaining Declines in Labor Force Participation.” Harvard University, preliminary draft.
- Cohany, R., and E. Sok. 2007. “Trends in Labor Force Participation of Married Mothers of Infants.” *Married Mothers in the Labor Force*, Bureau of Labor Statistics.

- Coile, C. 2004. "Retirement Incentives and Couples' Retirement Decisions." *B.E. Journal of Economic Analysis & Policy* 4, no. 1: 1–30.
- Costa, D. 2000. "From Mill Town to Board Room: The Rise of Women's Paid Labor." *Journal of Economic Perspectives* 14, no. 4: 101–22.
- Daly, M., B. Hobijn, and J. Kwok. 2010. "Labor Force Participation and the Future Path of Unemployment." *FRBSF Economic Letter* 2010-27.
- Daly, M., and R. Valletta. 2006. "Inequality and Poverty in United States: The Effects of Rising Dispersion of Men's Earnings and Changing Family Behaviour." *Economica* 73, no. 289: 75–98.
- d'Ercole, M., and M. Förster. 2012. "The OECD Approach to Measuring Income Distribution and Poverty: Strengths, Limits and Statistical Issues." In *European Measures of Income and Poverty: Lessons for the U.S.*, edited by D. Besharov and K. Couch. New York: Oxford University Press.
- Duckworth, A., C. Peterson, M. Matthews, and D. Kelly. 2007. "Grit: Perseverance and Passion for Long-Term Goals." *Journal of Personality and Social Psychology* 92, no. 6: 1087–1101.
- Eissa, N., and H. Williamson Hoynes. 2004. "Taxes and the Labor Market Participation of Married Couples: The Earned Income Tax Credit." *Journal of Public Economics* 88: 1931–58.
- Eissa, N., and J. Liebman. 1996. "Labor Supply Response to the Earned Income Tax Credit." *Quarterly Journal of Economics* 112: 606–37.
- Elsby, M., B. Hobijn, and A. Sahin. 2010. "The Labor Market in the Great Recession." *Brookings Papers on Economic Activity*, Spring: 1–69.
- Elwell, J., and R. Burkhauser. 2017. "Income Growth and Its Distribution from Eisenhower to Obama: The Growing Importance of In-Kind Transfers Including Medicaid and Medicare (1959–2012)." Paper prepared for 2016 Meetings of Association for Public Policy Analysis & Management, Washington. (Revised December 2017.)
- Farber, H., R. Hall, and J. Pencavel. 1993. "The Incidence and Costs of Job Loss: 1982–91." *Brookings Papers on Economic Activity*, no. 1: 73–132.
- Feenberg, D., and E. Coutts. 1993. "An Introduction to the TAXSIM Model." *Journal of Policy Analysis and Management* 12, no. 1: 189–94.
- French, E., and J. Song. 2014. "The Effect of Disability Insurance Receipt on Labor Supply." *American Economic Journal: Economic Policy* 6, no. 2: 291–337.
- GAO (U.S. Government Accountability Office). 2016. *Social Security: Improvements to Claims Process Could Help People Make Better Informed Decisions about Retirement Benefits*. Report to the Special Committee on Aging of the U.S. Senate. Washington: U.S. Government Publishing Office.
- . 2012. *Military Spouse Employment Programs*. Report to Congressional Committees. Washington: U.S. Government Publishing Office.

- Garner, T., and K. Short. 2012. "The Supplemental Poverty Measure: A Joint Project between the Census Bureau and the Bureau of Labor Statistics." Interagency Technical Working Paper Group.
- Gokhale, J. 2014. *SSDI Reform: Promoting Gainful Employment While Preserving Economic Security*. Policy Analysis 762. Washington: Cato Institute.
- Goldin, C., and L. Katz. 2002. "The Power of the Pill: Oral Contraceptives and Women's Career and Marriage Decisions." *Journal of Political Economy* 110, no. 4: 730–70.
- Gottschalk, P., and S. Danziger. 2005. "Inequality of Wage Rates, Earnings and Family Income in the United States, 1975–2002." *Review of Income and Wealth* 51, no. 2: 231–54.
- Gottschalk, P., and T. Smeeding. 1997. "Cross-National Comparisons of Earnings and Income Inequality." *Journal of Economic Literature* 35, no. 2: 633–87.
- Grogger, J. 2003. "The Effects of Time Limits, the EITC, and Other Policy Changes on Welfare Use, Work, and Income among Female-Headed Families." *Review of Economics and Statistics* 85, no. 2: 394–408.
- Gruber, J., and D. Wise, eds. 1999. *Social Security and Retirement around the World*. NBER Report. Chicago: University of Chicago Press.
- Gustman, A., and T. Steinmeier. 2006. "Social Security and Retirement Dynamics." Michigan Retirement Research Center at University of Michigan, Ann Arbor.
- . 2009. "How Changes in Social Security Affect Recent Retirement Trends." *Research on Aging* 31, no. 2: 261–90.
- Gustman, A., T. Steinmeier, and N. Tabatabai. 2010. "What the Stock Market Decline Means for the Financial Security and Retirement Choices of the Near-Retirement Population." *Journal of Economic Perspectives* 24, no. 1: 161–82.
- Heckman, J. 2008. "Schools, Skills, and Synapses." *Economic Inquiry* 46, no. 3: 289–324.
- Heller, S. 2014. "Summer Jobs Reduce Violence among Disadvantaged Youth." *Science Magazine* 346, no. 6214: 1219–23.
- Huang, R., and M. Yang. 2015. "Paid Maternity Leave and Breastfeeding Practice Before and After California's Implementation of the Nation's First Paid Family Leave Program." *Economics and Human Biology*, 45–59.
- Institute for Veterans and Military Families at Syracuse University. 2014. "Military Spouse Employment Report."
- Isaacs, J., O. Healy, and H. Peters. 2017. *Paid Family Leave in the United States: Time for a New National Policy*. Washington: Urban Institute.
- Jenkins, S. 2017. "Pareto Models, Top Incomes, and Recent Trends in U.K. Income Inequality." *Economica* 84: 261–89.
- Jorgenson, D., Landefeld, J., and P. Schreyer. 2014. *Measuring Economic Sustainability and Progress*. Chicago: University of Chicago Press.
- Juhn, C., K. Murphy, and R. Topel. 2002. "Current Unemployment, Historically Contemplated." *Brookings Papers on Economic Activity*, no. 1: 79–116.

- Juhn, C., and S. Potter. 2006. "Changes in Labor Force Participation in the United States." *Journal of Economic Perspectives* 20, no. 3: 27–46.
- Karoly, L., and J. Zissimopoulos. 2004. "Self-Employment among Older U.S. Workers." *Monthly Labor Review* 127, no. 7: 24–47.
- Kautz, T., J. Heckman, R. Diris, B. ter Weel, and L. Borghans. 2014. *Fostering and Measuring Skills: Improving Cognitive and Non-Cognitive Skills to Promote Lifetime Success*. NBER Working Paper 20749. Cambridge, MA: National Bureau of Economic Research.
- Kotlikoff, L., and D. Wise. 1987. *The Incentive Effects of Private Pension Plans*. NBER Working Paper 1510 (also reprint r0891). Cambridge, MA: National Bureau of Economic Research.
- Krause, E., and I. Sawhill. 2017. "What We Know and Don't Know About Declining Labor Force Participation: A Review." Brookings Institution, Center on Children and Families, Washington.
- Krueger, A. 2017. "Where Have All the Workers Gone? An Inquiry into the Decline of the U.S. Labor Force Participation Rate." *Brookings Papers on Economic Activity*, conference draft.
- Larrimore, J., R. Burkhauser, and P. Armour. 2015. "Accounting for Income Changes over the Great Recession: The Importance of Taxes and Transfers." *National Tax Journal* 68, no. 2: 281–318.
- Larrimore, J., R. Burkhauser, G. Auten, and P. Armour. 2017. *Recent Trends in U.S. Top Income Shares in Tax Record Data Using More Comprehensive Measures of Income, Including Accrued Capital Gains*. NBER Working Paper 23007. Cambridge, MA: National Bureau of Economic Research.
- Larrimore, J., J. Mortenson, and D. Splinter. 2017. *Household Incomes in Tax Data: Using Addresses to Move from Tax Unit to Household Income Distributions*. Finance and Economics Discussion Series 2017-002. Washington: Board of Governors of the Federal Reserve System.
- Leonesio, M., B. Bridges, R. Gesumaria, and L. Del Bene. 2012. "The Increasing Labor Force Participation of Older Workers and Its Effect on the Income of the Aged." *Social Security Bulletin* 72, no. 1: 59–78.
- Lerman, R. 2014. "Expanding Apprenticeship Opportunities in the United States." Brookings Institution, Washington.
- Liebman, J. 2015. "Understanding the Increase in Disability Insurance Benefit Receipt in the United States." *Journal of Economic Perspectives* 29, no. 2: 123–50.
- Lillydahl, J. 1990. "Academic Achievement and Part-Time Employment of High School Students." *Journal of Economic Education* 21, no. 3: 307–16.
- Lim, N., and D. Schulker. 2010. *Measuring Underemployment among Military Spouses*. Santa Monica, CA: RAND Corporation.
- Lyons, M. 2015. "Health Reform, Physician Market Power, and Income Disparity." Ph.D. diss., Cornell University.

- Maestas, N., K. Mullen, and A. Strand. 2013. "Does Disability Insurance Receipt Discourage Work? Using Examiner Assignment to Estimate Causal Effects of SSDI Receipt." *American Economic Review* 103, no. 5: 1797–1829.
- Maestas, N., and J. Zissimopoulos. 2010. "How Longer Work Lives Ease the Crunch of Population Aging." *Journal of Economic Perspectives* 24, no. 1: 139–60.
- Martin, J, B. Hamilton, M. Osterman, A. Driscoll, and T.J. Matthews. 2017. "Births: Final Data for 2015." National Vital Statistics Reports (Centers for Disease Control and Prevention) 66, no. 1. [https://www.cdc.gov/nchs/data/nvsr/nvsr66/nvsr66\\_01.pdf](https://www.cdc.gov/nchs/data/nvsr/nvsr66/nvsr66_01.pdf).
- Meadows, S., B. Griffin, B. Karney, and J. Pollak. 2016. "Employment Gaps between Military Spouses and Matched Civilians." *Armed Forces and Society* 42, no. 3: 542–61.
- Mericle, D. 2017. "The Opioid Epidemic and the U.S. Economy." Goldman Sachs Economics Research, New York.
- Meyer, B., and D. Rosenbaum. 2001. "Welfare, the Earned Income Tax Credit, and the Labor Supply of Single Mothers." *Quarterly Journal of Economics* 116: 1063–1114.
- Meyer, W., W. Mok, and J. Sullivan. 2015. "Household Surveys in Crisis." *Journal of Economic Perspectives* 29, no. 4: 199–226.
- Modestino, A. 2013. *Uncertain Futures: Are American Youth Increasingly Idle? Think Again*. New England Public Policy Center Policy Brief 13-4. Boston: Federal Reserve Bank of Boston.
- Modestino, A. 2018. "How Can Summer Jobs Reduce Crime among Youth?" Brookings Institution, Washington.
- Moffitt, R. 2015. "The U.S. Safety Net and Work Incentives: The Great Recession and Beyond." *Journal of Policy Analysis and Management* 34, no. 2: 458–66.
- Mosisa, A., and S. Hipple. 2006. "Trends in Labor Force Participation in the United States." *Monthly Labor Review*, October, 35–57.
- Mortimer, J. 2010. "The Benefits and Risks of Adolescent Employment." *Prevention Researcher* 17, no. 2: 8–11.
- Mulligan, C. 2012. *The Redistributive Recession: How Labor Market Distortions Contracted the Economy*. New York: Oxford University Press.
- . 2015. "The New Employment and Income Taxes." *Journal of Policy Analysis and Management* 34, no. 2: 466–73.
- National Research Council. 2001. *Preparing for an Aging World: The Case for Cross-National Research*. Washington: National Academies Press. doi: 10.17226/10120.
- NBER (National Bureau of Economic Research). 2010. "The NBER's Business Cycle Dating Procedure: Frequently Asked Questions." [http://www.nber.org/cycles/recessions\\_faq.html](http://www.nber.org/cycles/recessions_faq.html).
- Neumark, D. 1995. "Effects of Minimum Wages on Teenage Employment, Enrollment and Idleness." Employment Policies Institute, Washington.

- Neumark, D., and D. Rothstein. 2005. *Do School-to-Work Programs Help the Forgotten Half?* IZA Discussion Paper 1740. Bonn: Institute for the Study of Labor.
- Nolan, B., M. Roser, and S. Thewissen. 2016. *GDP per Capita versus Median Household Income: What Gives Rise to Divergence Over Time?* Working Paper 2016-03. Oxford: Employment, Equity, and Growth Programme at University of Oxford.
- OECD (Organization for Economic Cooperation and Development). 2008. *Growing Unequal? Income Distribution and Poverty in OECD Countries*. Paris: OECD Publishing.
- . 2011. *Divided We Stand: Why Inequality Keeps Rising*. Paris: OECD Publishing.
- . 2015. *In It Together: Why Less Inequality Benefits All*. Paris: OECD Publishing.
- Painter, M. 2010. “Get a Job and Keep It! High School Employment and Adult Wealth Accumulation.” *Research in Social Stratification and Mobility* 28, no. 2: 233–49.
- Pew Research Center. 2015. “Most Say Government Policies since Recession Have Done Little to Help Middle Class, Poor.” <http://www.people-press.org/2015/03/04/most-say-government-policies-since-recession-have-done-little-to-help-middle-class-poor/>.
- Piketty, T., and E. Saez. 2003. “Income Inequality in the United States, 1913–1998.” *Quarterly Journal of Economics* 118, no. 1: 1–39.
- Piketty, T., E. Saez, and G. Zucman. 2016. *Distributional National Accounts: Methods and Estimates for the United States*. NBER Working Paper 22945. Cambridge, MA: National Bureau of Economic Research.
- Purcell, P. 2005. “Older Workers: Employment and Retirement Trends.” Paper for Congressional Research Service, Washington.
- Quest Diagnostics. 2016. “Drug Positivity in U.S. Workforce Rises to Nearly Highest Level in a Decade, Quest Diagnostics Analysis Finds.” <http://newsroom.questdiagnostics.com/2016-09-15-Drug-Positivity-in-U-S-Workforce-Rises-to-Nearly-Highest-Level-in-a-Decade-Quest-Diagnostics-Analysis-Finds>.
- Quinn, J., R. Burkhauser, and D. Myers. 1990. *Passing the Torch: The Influence of Economic Incentives on Work and Retirement*. Kalamazoo, MI: W. E. Upjohn Institute for Employment Research.
- Rossin-Slater, M., C. Ruhm, and J. Waldfogel. 2013. “The Effects of California’s Paid Family Leave Program on Mothers’ Leave-Taking and Subsequent Labor Market Outcomes.” *Journal of Policy Analysis and Management* 32, no. 2: 224–45.
- Ruggles, P. 1990. *Drawing the Line: Alternative Poverty Measures and Their Implications for Public Policy*. Washington: Urban Institute.
- Ruhm, C. 1997. “Is High School Employment Consumption or Investment?” *Journal of Labor Economics* 15, no. 4: 735–76.
- Semega, J., K. Fontenot, and M. Kollar. 2017. “Income and Poverty in the United States: 2016.” U.S. Census Bureau, Washington.

- Shank, S. 1988. “Women and the Labor Market: The Link Grows Stronger.” *Monthly Labor Review* 111, no. 3: 3–8.
- Smith, J., and M. Ward. 1985. “Time-Series Growth in Female Labor Force.” *Journal of Labor Economics* 3, no. 1, part 2 (Trends in Women’s Work, Education, and Family Building): S59–S90.
- Song, J., and J. Manchester. 2007 “Social Security Administration.” *Social Security Bulletin* 67, no. 1.
- Stewart, K., and S. Reed. 1999. “Consumer Price Index Research Series Using Current Methods, 1978–98.” *Monthly Labor Review* 122, no. 6: 29–38.
- Toossi, M., and T. Morisi. 2017. “Women in the Workforce Before, During, and After the Great Recession.” Spotlight on Statistics, Bureau of Labor Statistics.
- U.S. Census Bureau. 2017. “Annual Social and Economic Supplement (ASEC) of the Current Population Survey (CPS).” <https://www.census.gov/programs-surveys/sahie/technical.../model.../cpsasec.html>.
- U.S. Department of Labor. 2017. “Private Pension Plan.” Employee Benefits Security Administration.
- U.S. Department of the Treasury. 2010. “Statistical Trends in Retirement Plans.” Treasury Inspector General for Tax Administration, no. 2010-10-097.

## Chapter 4

- Abiad, A., D. Furceri, and P. Topalova. 2016. “The Macroeconomic Effects of Public Investment: Evidence from Advanced Economies.” *Journal of Macroeconomics* 50: 224–40.
- Ajami, N., B. Thompson Jr., and D. Victor. 2014. “The Path to Water Innovation.” Brookings Institution, Washington.
- Al Amine, M., K. Mathias, and T. Dyer. 2017. “Smart Cities: How 5G Can Help Municipalities Become Vibrant Smart Cities.” Accenture, Dublin. <https://www.ctia.org/docs/default-source/default-document-library/how-5g-can-help-municipalities-become-vibrant-smart-cities-accenture.pdf>.
- American Society of Civil Engineers. 2017. “Report Card History.” <https://www.infrastructurereportcard.org/making-the-grade/report-card-history/>.
- American Water Works Association. 2017. “Water Rates Revealed For Small, Medium, Large Utilities.” <https://www.awwa.org/publications/connections/connections-story/articleid/4575/water-rates-revealed-for-small-medium-large-utilities.aspx>.
- Amiti, M., T. Bodine-Smith, M. Cavallo, and L. Lewis. 2015. “Did the West Coast Port Dispute Contribute to the First-Quarter GDP Slowdown?” Liberty Street Economics, Federal Reserve Bank of New York, July 2. <http://libertystreeteconomics.newyorkfed.org/2015/07/did-the-west-coast-port-dispute-contribute-to-the-first-quarter-gdp-slowdown.html>.
- Angel, S., and A. Blei. 2015. *Commuting and the Productivity of American Cities: How Self-Adjusting Commuting Patterns Sustain the Productive Advantage of Larger*

*Metropolitan Labor Markets*. Marron Institute of Urban Management Working Paper 19. New York: New York University.

- APTA (American Public Transportation Association). 2016. "Who Rides Public Transportation?" <https://www.apta.com/.../reportsandpublications/.../APTA-Who-Rides-Public-Transportation-2017.pdf>.
- Aschauer, D. 1989. "Is Public Expenditure Productive?" *Journal of Monetary Economics* 23, no. 2: 177–200.
- Auerbach, A., and Y. Gorodnichenko. 2012. "Measuring the Output Responses to Fiscal Policy." *American Economic Journal* 4, no. 2: 1–27.
- Austin, D. 2015. "Pricing Freight Transport to Account for External Costs." Congressional Budget Office, Washington. <https://www.cbo.gov/publication/50049>.
- Bipartisan Policy Center. 2017. "Safeguarding Water Affordability." <https://bipartisanpolicy.org/library/safeguarding-water-affordability/>.
- Blakemore, E. 2016. "These Places Have the Nation's Worst Roads." *Smithsonian Magazine Online*, November 7. <https://www.smithsonianmag.com/smart-news/these-places-have-nations-worst-roads-180961027/>.
- Bom, P., and J. Ligthart. 2014. "What Have We Learned from Three Decades of Research on the Productivity of Public Capital?" *Journal of Economic Surveys* 28, no. 5: 889–916.
- Borenstein, S., J. Bushnell, and F. Wolak. 2000. *Diagnosing Market Power in California's Restructured Wholesale Electricity Market*. NBER Working Paper 7868. Cambridge, MA: National Bureau of Economic Research.
- California Department of Transportation. 2017. "California Road Charge Pilot Program Summary Report."
- Campbell, K., J. Diffley, B. Flanagan, B. Morelli, B. O'Neil, and F. Sideco. 2017. "The 5G Economy: How 5G Technology Will Contribute to the Global Economy." IHS Economics and IHS Technology. <https://cdn.ihs.com/www/pdf/IHS-Technology-5G-Economic-Impact-Study.pdf>.
- Carr, H. 2013. "Get Back to Where You Once Belonged: The REX Reversal and Implications for Marcellus/Utica." RBN Energy, LLC. <https://rbnenergy.com/get-back-to-where-you-once-belonged-the-REX-reversal>.
- CBO (U.S. Congressional Budget Office). 2009. "Using Pricing to Reduce Traffic Congestion." <https://www.cbo.gov/publication/20241>.
- . 2014. "Testimony: The Status of the Highway Trust Fund and Options for Financing Highway Spending." <https://www.cbo.gov/publication/50297>.
- . 2015. "Public Spending on Transportation and Water Infrastructure, 1956 to 2014." <https://www.cbo.gov/publication/49910>.
- . 2016a. "Approaches to Making Federal Highway Spending More Productive." <https://www.cbo.gov/publication/50150>.
- . 2016b. "The Macroeconomic and Budgetary Effects of Federal Investment." <https://www.cbo.gov/publication/51628>.

- . 2017a. “Projections of Highway Trust Fund Accounts: CBO’s June 2017 Baseline.” <https://www.cbo.gov/sites/default/files/recurringdata/51300-2017-06-highwaytrustfund.pdf>.
- . 2017b. “Spending on Infrastructure and Investment.” <https://www.cbo.gov/publication/52463>.
- CDFA (Council of Development Finance Agencies). 2017. “CDFA Annual Volume Cap Report.”
- CEA (Council of Economic Advisers). 2016. “The Economic Benefits of Investing in U.S. Infrastructure.” In *Economic Report of the President*. Washington: U.S. Government Publishing Office.
- . 2017. “The Year in Review and the Years Ahead.” In *Economic Report of the President*. Washington: U.S. Government Publishing Office.
- Chapman, J. 2017. “Value Capture Taxation as an Infrastructure Funding.” *Public Works Management and Policy* 22, no. 1.
- Circle of Blue. 2017. “Philadelphia Water Rate Links Payments to Household Income.” <http://www.circleofblue.org/2017/water-management/pricing/philadelphia-water-rate-links-payments-household-income/>.
- Clark, C., K. Henrickson, and P. Thomas. 2012. “An Overview of the U.S. Inland Waterway System.” U.S. Army Corp of Engineers, Alexandria, VA.
- Congressional Research Service. 2016. “Private Activity Bonds: An Introduction.” <https://www.everycrsreport.com/reports/RL31457.html>.
- CTR (Center for Transportation Research at the University of Tennessee, and Vanderbilt Engineering Center for Transportation and Operational Resiliency at Vanderbilt University). 2017. “The Impacts of Unscheduled Lock Outages.” National Waterways Foundation and the U.S. Maritime Administration.
- Culp, P., R. Glennon, and G. Libecap. 2014. “Shopping for Water: How the Market Can Mitigate Water Shortages in the American West.” Hamilton Project. [http://www.hamiltonproject.org/papers/shopping\\_for\\_water\\_how\\_the\\_market\\_can\\_mitigate\\_water\\_shortages\\_in\\_west](http://www.hamiltonproject.org/papers/shopping_for_water_how_the_market_can_mitigate_water_shortages_in_west).
- Doll, C., L. Mejia-Dorantes, J. Manuel Vassallo, and K. Wachter. 2017. “Economic Impacts of Introducing Road Charging for Heavy Goods Vehicles: A Comparison Between Spain and Germany.” Fraunhofer-Institute for Systems and Innovation Research ISI, no. 17-05150. [https://www.transportenvironment.org/sites/te/files/publications/2017\\_04\\_road\\_tolls\\_report.pdf](https://www.transportenvironment.org/sites/te/files/publications/2017_04_road_tolls_report.pdf).
- DOT (U.S. Department of Transportation). 1993. “DOT FHWA, Highway Statistics 1993.”
- . 2015a. “FHWA, Highway Statistics 2015.”
- . 2015b. “Project Profile: Pennsylvania Rapid Bridge Replacement Project.” Center for Innovative Finance Support, Federal Highway Administration.
- . 2016. “Highway Statistics 2016.”
- . 2017a. “Income-Based Equity Impacts of Congestion Pricing—A Primer.” Federal Highway Administration.

- . 2017b. “Pipeline and Hazardous Materials Safety Administration.” EIA (Energy Information Administration). 2017. “Form EIA-411 Data.”
- El-Darwiche, B., C. Rupp, P. Péladeau, and F. Groene. 2017. “2017 Telecommunications Trends: Aspiring to Digital Simplicity and Clarity in Strategic Identity.” Strategy&, PwC. <https://www.strategyand.pwc.com/trend/2017-telecommunications-industry-trends>.
- EPA (U.S. Environmental Protection Agency). 2011. “Infrastructure Needs Survey and Assessment.” <https://www.epa.gov/sites/production/files/2015-07/documents/epa816f13001.pdf>.
- . 2013a. “Drinking Water Infrastructure Needs Survey and Assessment.” Fifth Report to Congress.
- . 2013b. “Infrastructure Financing Options for Transit-Oriented Development.”
- . 2016a. “Clean Watersheds Needs Survey 2012.” Report to Congress.
- . 2016b. “Drinking Water and Wastewater Utility Customer Assistance Programs.”
- . 2017. “GPRA Inventory Summary Report.”
- Federal Reserve. 2017. “Z.1, Financial Accounts of the United States, Second Quarter 2017.” Federal Reserve Board of Governors. <https://www.federalreserve.gov/releases/z1/>.
- FERC (Federal Energy Regulatory Commission). 2017. “Major Pipeline Projects Pending (Onshore).”
- FHA (Federal Highway Administration). 2017. “Appendix B, FAST Act Authorizations.” <https://www.fhwa.dot.gov/policy/olsp/fundingfederalaid/b.cfm>.
- . No date. “Income-Based Equity Impacts of Congestion Pricing.”
- Fishback, P., W. Horrace, and S. Kantor. 2005. “Did New Deal Grant Programs Stimulate Local Economies? A Study of Federal Grants and Retail Sales During the Great Depression.” *Journal of Economic History* 65, no. 1: 36–71.
- Fottrell, Q. 2015. “5 Ways Commuting Ruins Your Life.” MarketWatch, September 9. <https://www.marketwatch.com/story/5-ways-commuting-ruins-your-life-2013-07-30>.
- FTA (Federal Transit Administration). 2017. “2016 National Transit Summary and Trends.” U.S. Department of Transportation. <https://www.transit.dot.gov/sites/fta.dot.gov/files/docs/ntd/66011/2016-ntst.pdf>.
- GAO (U.S. Government Accountability Office). 2016. “Water Infrastructure: Information on Selected Midsize and Large Cities with Declining Populations.” <https://www.gao.gov/products/GAO-16-785>.
- Global Infrastructure Hub. 2017. “Showcase Project: Pennsylvania Rapid Bridge Replacement Project.” [https://github-webtools.s3.amazonaws.com/local-umbraco/media/1455/gih\\_showcaseprojects\\_penn-bridges\\_art\\_web.pdf](https://github-webtools.s3.amazonaws.com/local-umbraco/media/1455/gih_showcaseprojects_penn-bridges_art_web.pdf).
- Giles, E., and K. Brown. 2015. “2015 UDI Directory of Electric Power Producers and Distributors.” Platts, McGraw Hill Financial Inc. <https://www.platts.com/im.platts.content/downloads/udi/eppd/eppdir.pdf>.

- Glaeser, E. 2017. "From Budgets to Education: Best Bets for Public Investment." Brookings Institution, Washington.
- Gregory, T., C. Reyes, P. O'Connell, and A. Caputo. 2017. "Tribune Investigation: The Water Drain—Same Lake, Unequal Rates." *Chicago Tribune*, October 25. <http://graphics.chicagotribune.com/news/lake-michigan-drinking-water-rates/index.html>.
- Gupta, A., and R. Kumar Jha. 2015. "A Survey of 5G Network: Architecture and Emerging Technologies." *IEEE Access* 3: 1206–32. <http://ieeexplore.ieee.org/document/7169508/>.
- Hall, J. 2015. "Pareto Improvements from Lexus Lanes: The Effects of Pricing a Portion of the Lanes on Congested Highways." Working paper, University of Toronto. [http://individual.utoronto.ca/jhall/documents/PI\\_from\\_LL.pdf](http://individual.utoronto.ca/jhall/documents/PI_from_LL.pdf).
- Hall, J., C. Palsson, and J. Price. 2017. "Is Uber a Substitute or Complement to Public Transit?" Working paper, University of Toronto. [http://individual.utoronto.ca/jhall/documents/Uber\\_and\\_Public\\_Transit.pdf](http://individual.utoronto.ca/jhall/documents/Uber_and_Public_Transit.pdf).
- Inland Waterways Users Board. 2016. "29th Annual Report." [http://www.iwr.usace.army.mil/Portals/70/docs/IWUB/annual/IWUB\\_Annual\\_Report\\_2016\\_Final.pdf?ver=2017-03-06-072634-983](http://www.iwr.usace.army.mil/Portals/70/docs/IWUB/annual/IWUB_Annual_Report_2016_Final.pdf?ver=2017-03-06-072634-983).
- International Monetary Fund. 2014. *World Economic Outlook, October: Legacies, Clouds, Uncertainties*. <http://www.imf.org/external/pubs/ft/weo/2014/02/>.
- Johnson, J., and M. Kleiner. 2017. "Is Occupational Licensing a Barrier to Interstate Migration?" Federal Reserve Bank of Minneapolis. <https://www.minneapolisfed.org/research/sr/sr561.pdf>.
- Kahn, M., and D. Levinson. 2011. "Fix It First, Expand It Second, Reward It Third: A New Strategy for America's Highways." Hamilton Project, no. 2011-03.
- Kirk, R. 2017. *Tolling U.S. Highways and Bridges*. Report R44910. Washington: U.S. Congressional Research Service.
- Kirk, R., and M. Levinson. 2016. *Mileage-Based Road Use Charges*. Report R44540. Washington: U.S. Congressional Research Service.
- Knight, B. 2002. "Endogenous Federal Grants and Crowd-Out of State Government Spending: Theory and Evidence from the Federal Highway Aid Program." *American Economic Review* 92, no. 1: 71–92.
- Knittel, C., D. Miller, and N. Sanders. 2016. "Caution, Drivers! Children Present—Traffic, Pollution, and Infant Health." *Review of Economics and Statistics* 98, no. 2: 350–66.
- Kruger, L. 2016. *Broadband Internet Access and the Digital Divide*. Report RL30719. Washington: U.S. Congressional Research Service.
- Krugman, P. 2009. "The Increasing Returns Revolution in Trade and Geography." *American Economic Review* 99, no. 3: 561–71.
- Langer, A., V. Maheshri, and C. Winston. 2017. "From Gallons to Miles: A Disaggregate Analysis of Automobile Travel and Externality Taxes." *Journal of Public Economics* 152: 34–46.

- Lew, S. 2017. "Cultivating a Strategic Project Portfolio through Transportation Asset Management." Urban Institute, Washington.
- Linden, G. 2004. "China Standard Time: A Study in Strategic Industrial Policy." *Business and Politics* 6, no. 3: 1–26.
- Lucas, L., and N. Fildes. 2016. "Huawei Aims to Help Set 5G Standards." *Financial Times*, November 30.
- Luechinger, S., and F. Roth. 2016. "Effects of a Mileage Tax for Trucks." *Journal of Urban Economics* 92: 1-15.
- Mack, E., and S. Wrase. 2017. "A Burgeoning Crisis? A Nationwide Assessment of the Geography of Water Affordability in the United States." *PloS one* 12, no. 1.
- McMullen, S., H. Wang, Y. Ke, R. Vogt, and S. Dong. 2016. "Road Usage Charge Economic Analysis." FHWA-OR-RD-16-13. <https://ntrl.ntis.gov/NTRL/dashboard/searchResults/titleDetail/PB2016103784.xhtml>.
- Núñez-Serrano, J. and F. Velázquez. 2017. "Is Public Capital Productive? Evidence from a Meta-analysis." *Applied Economic Perspectives and Policy* 39, no. 2: 313–45.
- OECD (Organization for Economic Cooperation and Development). 2010. "Standard Setting." <https://www.oecd.org/daf/competition/47381304.pdf>.
- OMB (Office of Budget and Management). 1998. "Circular No. A-119: Federal Register (Federal Participation in the Development and Use of Voluntary Consensus Standards and in Conformity Assessment Activities)."
- Oregon Department of Transportation. 2017. "Oregon's Road Usage Charge: The OReGO Program—Final Report." <http://www.oregon.gov/ODOT/Programs/.../IP-Road%20Usage%20Evaluation%20Book%20...>
- PennDOT (Pennsylvania Department of Transportation). 2014. "The Pennsylvania Rapid Bridge Replacement Project: Public-Private Transportation Partnership Agreement." <http://www.penndot.gov/ProjectAndPrograms/p3forpa/Documents/Public%20Private%20Partnership%20Agreement.pdf>.
- Philadelphia, City of. 2017. "Payments, Assistance & Taxes." <https://beta.phila.gov/services/payments-assistance-taxes/income-based-assistance-programs/water-bill-customer-assistance/>.
- Povich, E. 2017. "Taxing the New Economy, Starting with Uber, Lyft." Pew Charitable Trusts.
- Quinton, S. 2017. "Reluctant States Raise Gas Taxes to Repair Roads." Pew Charitable Trusts.
- Ramey, V., and S. Zubairy. 2014. *Government Spending Multipliers in Good Times and in Bad: Evidence from U.S. Historical Data*. NBER Working Paper 20719. Cambridge, MA: National Bureau of Economic Research.
- Rogers, L. 2016. "What's at Stake in China's 5G Push?" Apco Worldwide.
- Rosenthal, B., E. Fitzsimmons, and M. LaForgia. 2017. "How Politics and Bad Decisions Starved New York's Subways." *New York Times*, November 18. <https://www.nytimes.com/2017/11/18/nyregion/new-york-subway-system-failure-delays.html>.

- Sorensen, P., L. Ecola, and M. Wachs. 2012. *Mileage-Based User Fees for Transportation Funding: A Primer for State and Local Decisionmakers*. Santa Monica, CA: Rand Corporation. <https://www.rand.org/pubs/tools/TL104.html>.
- Sound Transit. 2016. "Fare Revenue Report."
- Stratton, H., H. Fuchs, Y. Chen, C. Dunham, C. Ni, and A. Williams. 2017. "Keeping Pace with Water and Wastewater Rates." *Journal AWWA* 109, no. 10: E426–39. [https://www.awwa.org/publications/journal-awwa/abstract/articleid/65737086/issueid/65737018.aspx?getfile=\\pers75apppr\personify\serverfiles\dcfiles\65737086\jaw201710stratton\\_pr.pdf](https://www.awwa.org/publications/journal-awwa/abstract/articleid/65737086/issueid/65737018.aspx?getfile=\\pers75apppr\personify\serverfiles\dcfiles\65737086\jaw201710stratton_pr.pdf).
- Sweet, M. 2014. "Traffic Congestion's Economic Impacts: Evidence from U.S. Metropolitan Regions." *Urban Studies* 51, no. 10: 2088–2110.
- TRB (Transportation Research Board). 2012. "Dedicated Revenue Mechanisms for Freight Transportation Investment." <https://www.nap.edu/catalog/22799/dedicated-revenue-mechanisms-for-freight-transportation-investment>.
- . 2015. *Funding and Managing the U.S. Inland Waterways System: What Policy Makers Need to Know*. TRB Special Report 315. Washington: Transportation Research Board.
- TTI (Texas A&M Transportation Institute). 2015. "Urban Mobility Scorecard 2015." <https://mobility.tamu.edu/ums/>.
- UNC Environmental Finance Center. 2016. "City of Phoenix Lake Pleasant Water Treatment Plant Design Build and Operate Project."
- USACE (U.S. Army Corps of Engineers). 2013. "Navigable Waterways Status."
- . 2014. "The U.S. Waterway System: Transportation Facts & Information."
- . 2016. "Inland and Intracoastal Waterways: Twenty Year Capital Investment Strategy." Investment Program Action Team.
- . 2017a. "President's Fiscal 2018 Budget for U.S. Army Corps of Engineers Civil Works Program." May 2017.
- . 2017b. "Public Lock Usage Report."
- . 2017c. "U.S. Army Corps of Engineers FY 2017 Workplan and FY 2018 Budget for Inland Waterways."
- U.S. Department of Energy. 2017. "Water and Wastewater Annual Price Escalation Rates for Selected Cities across the United States."
- Vedachalam, S., and R. Geddes. 2017. "The Water Infrastructure Finance and Innovation Act of 2014: Structure and Effects." *Journal AWWA* 109, no. 4.
- Winston, C., and Q. Karpilov. 2017. *A New Route to Increasing Economic Growth: Reducing Highway Congestion with Autonomous Vehicles*. Working Paper. Arlington, VA: Mercatus Center at George Mason University. <https://www.mercatus.org/publications/economic-growth-congestion-autonomous-vehicles>.
- World Economic Forum. 2017. *The Global Competitiveness Report 2017–2018*. Geneva: World Economic Forum.

- Yu, E., B. English, and J. Menard. 2016. "Economic Impacts Analysis of Inland Waterways Disruption on the Transport of Corn and Soybeans." Staff Report AE16-08. Department of Agricultural and Resource Economics, University of Tennessee, Knoxville.
- Yu, T.-H., D. Bessler, and S. Fuller. 2006. "Effect of Lock Delay on Grain Barge Rates: Examination of Upper Mississippi and Illinois Rivers." *Annals of Regional Science* 40, no. 4: 887–908.
- Zandi, M. 2012. "Bolstering the Economy: Helping American Families by Reauthorizing the Payroll Tax Cut and UI Benefits." Testimony Before the Joint Economic Committee of the U.S. Congress.

## Chapter 5

- Acemoglu, D., D. Autor, D. Dorn, G. Hanson, and B. Price. 2016. "Import Competition and the Great U.S. Employment Saga of the 2000S." *Journal of Labor Economics* 34, no. S1 (Part 2, January): S141–S198. <http://dx.doi.org/10.1086/682384>.
- Alexandratos, N., and J. Bruinsma. 2012. *World Agriculture towards 2030/2050*. Working Paper 12-03. Agricultural Development Economics Division. Rome: Food and Agriculture Organization of the United Nations. <http://www.fao.org/docrep/016/ap106e/ap106e.pdf>.
- Anderson, K., J. Cockburn, and W. Martin. 2010. *Agricultural Price Distortions, Inequality, and Poverty*. Washington: World Bank. [http://siteresources.worldbank.org/INTTRADERESESEARCH/Resources/544824-1272467194981/Ag\\_Price\\_Distortions\\_Inequality\\_Poverty\\_0310.pdf](http://siteresources.worldbank.org/INTTRADERESESEARCH/Resources/544824-1272467194981/Ag_Price_Distortions_Inequality_Poverty_0310.pdf).
- Anderson, K., G. Rausser, and J. Swinnen. 2013. "Political Economic of Public Policies: Insights from Distortions to Agricultural and Food Markets." *Journal of Economic Literature* 52, no. 2: 423–77. <https://www.jstor.org/stable/pdf/23644750.pdf>.
- Arita, S., J. Beckman, and L. Mitchell. 2016. "Sanitary and Phytosanitary Measures and Technical Barriers to Trade: How Much Do They Impact U.S.-EU Agricultural Trade?" U.S. Department of Agriculture, Economic Research Service. <https://www.ers.usda.gov/amber-waves/2016/august/sanitary-and-phytosanitary-measures-and-technical-barriers-to-trade-how-much-do-they-impact-us-eu-agricultural-trade/>.
- Asquith, B., S. Goswami, D. Neumark, and A. Rodriguez-Lopez. 2017. *U.S. Job Flows and the China Shock*. NBER Working Paper 24080. Cambridge, MA: National Bureau of Economic Research.
- Autor, D. 2010. *The Polarization of Job Opportunities in the U.S. Labor Market*. Washington: Center for American Progress and Hamilton Project. <https://economics.mit.edu/files/5554>.
- Autor, D., and D. Dorn. 2013. "The Growth of Low-Skill Service Jobs and the Polarization of the U.S. Labor Market." *American Economic Review* 103, no. 5: 1553–97. <http://www.jstor.org/stable/pdf/42920623.pdf>.

- Bagwell, K., C. Bown, and R. Staiger. 2016. "Is the WTO Passé?" *Journal of Economic Literature* 54, no. 4: 1125–31. <https://doi.org/10.1257/jel.20151192>.
- Bagwell, K., and R. Staiger. 2001. "Domestic Policies, National Sovereignty, and International Economic Institutions." *Quarterly Journal of Economics* 116, no. 2: 519–62.
- BEA (U.S. Bureau of Economic Analysis). 2014. "U.S. International Economic Accounts: Concepts and Methods." <https://www.bea.gov/international/pdf/concepts-methods/Title%20page.pdf>.
- . 2017a. "Table 1.1.5: Gross Domestic Product." <https://www.bea.gov/iTable/iTableHtml.cfm?reqid=19&step=1&isuri=1>.
- . 2017b. "Transatlantic Trade in Services: Investigating Bilateral Asymmetries in EU-U.S. Trade Statistics." <https://www.bea.gov/papers/pdf/Transatlantic-trade-in-services-WP.pdf>.
- . 2017c. "Value Added by Industry." <https://www.bea.gov/iTable/iTableHtml.cfm?reqid=51&step=51&isuri=1&5114=a&5102=1>.
- . 2017d. "Value Added by Industry as a Percentage of Gross Domestic Product." <https://www.bea.gov/iTable/iTableHtml.cfm?reqid=51&step=51&isuri=1&5114=a&5102=5>.
- . No date. "BEA International Trade and Investment Country Facts." <https://www.bea.gov/international/factsheet/>.
- Beckman, J., S. Arita, L. Mitchell, and M. Burfisher. 2015. *Agriculture in the Transatlantic Trade and Investment Partnership: Tariffs, Tariffs-Rate Quotas, and Non-Tariff Measures*. Economic Research Report 198. Washington: U.S. Department of Agriculture, Economic Research Service. <http://ageconsearch.umn.edu/bitstream/212886/2/ERR198.pdf>.
- Bernstein, J., and K. Hassett. 2015. "Unlocking Private Capital to Facilitate Economic Growth in Distressed Areas." Economic Innovation Group. <https://eig.org/wp-content/uploads/2015/04/Unlocking-Private-Capital-to-Facilitate-Growth.pdf>.
- Besedeš, T., and T. Prusa. 2017. "The Hazardous Effects of Antidumping." *Economic Inquiry* 55, no. 1: 9–30.
- Blair, D., J. Huntsman, C. Barrett, W. Lynn III, S. Gorton, D. Wince-Smith, and M. Young. 2017. *Update to the IP Commission Report*. Washington: Commission on the Theft of American Intellectual Property. [http://www.ipcommission.org/report/IP\\_Commission\\_Report\\_Update\\_2017.pdf](http://www.ipcommission.org/report/IP_Commission_Report_Update_2017.pdf).
- Bloomberg L.P. 2017. "Silicon Solar Module Index." Bloomberg database.
- Bracke, T., M. Bussiere, M. Fidora, and R. Straub. 2010. "A Framework for Assessing Global Imbalances." *The World Economy* 33, no. 9. [http://onlinelibrary.wiley.com/journal/10.1111/\(ISSN\)1467-9701](http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1467-9701).
- Broda, C., N. Limao, and D. Weinstein. 2008. "Optimal Tariffs and Market Power: The Evidence." *American Economic Review* 98, no. 5: 2032–65.

- Buera, F., and J. Kaboski. 2012. "The Rise of the Service Economy." *American Economic Review* 102, no. 6: 2540–69. <http://www.jstor.org/stable/pdf/41724664.pdf>.
- Caliendo, L., M. A. Dvorkin, and F. Parro. 2015. *The Impact of Trade on Labor Market Dynamics*. NBER Working Paper 21149. Cambridge, MA: National Bureau of Economic Research. <http://www.nber.org/papers/w21149.pdf>.
- Carter, C., G. Rausser, and A. Smith. 2011. "Commodity Booms and Busts." *Annual Review of Resource Economics* 3: 87–118. <http://www.annualreviews.org/doi/full/10.1146/annurev.resource.012809.104220>.
- CEA (Council of Economic Advisers). 2010. *Economic Report of the President*. Washington: U.S. Government Publishing Office.
- . 2015. *Economic Report of the President*. Washington: U.S. Government Publishing Office.
- Cipollina, M., and L. Salvatici. 2010. "Reciprocal Trade Agreements in Gravity Models: A Meta-Analysis." *Review of International Economics* 18, no. 1: 63–80.
- Clancy, M., K. Fuglie, and P. Heisey. 2016. "U.S. Agricultural R&D in an Era of Falling Public Funding." *Amber Waves*, November 10. <https://www.ers.usda.gov/amber-waves/2016/november/us-agricultural-rd-in-an-era-of-falling-public-funding/>.
- Classen, T., and R. Dunn. 2009. "The Effect of Job Loss and Unemployment Duration on Suicide Risk in the United States: A New Look Using Mass Layoffs and Unemployment Duration." *Health Economics* 21, no. 3: 338–50. <http://onlinelibrary.wiley.com/doi/10.1002/hec.1719/full>.
- Culver, W., and M. Hong. 2016. "Coal's Decline: Driven by Policy or Technology?" *Electricity Journal* 29, no. 7: 50–61.
- Davis, C. 2012. *Why Adjudicate: Enforcing Trade Rules in the WTO*. Princeton, NJ: Princeton University Press.
- De La Cruz, J., and D. Riker. 2014. *The Impact of NAFTA on U.S. Labor Markets*. Office of Economics Working Paper 2014-06A. Washington: U.S. International Trade Commission. <https://www.usitc.gov/publications/332/ec201406a.pdf>.
- Dixon, P., and M. Rimmer. 2015. "Identifying the Effects of NAFTA on the U.S. Economy between 1992 and 1998: A Decomposition Analysis." Victoria University. <https://www.gtap.agecon.purdue.edu/resources/download/7345.pdf>.
- Dolfin, S., and J. Berk. 2010. "National Evaluation of the Trade Adjustment Assistance Program: Characteristics of Workers Eligible under the 2002 TAA Program and Their Early Program Experiences." Mathematica Policy Research Inc. [https://wdr.doleta.gov/research/FullText\\_Documents/National%20Evaluation%20of%20the%20Trade%20Adjustment%20Assistance%20Program%20Characteristics%20of%20Workers%20Eligible%20Under%20the%202002%20TAA%20Program%20and%20Their%20Early%20Program%20Experiences%20Final%20Report.pdf](https://wdr.doleta.gov/research/FullText_Documents/National%20Evaluation%20of%20the%20Trade%20Adjustment%20Assistance%20Program%20Characteristics%20of%20Workers%20Eligible%20Under%20the%202002%20TAA%20Program%20and%20Their%20Early%20Program%20Experiences%20Final%20Report.pdf).
- ERS (U.S. Department of Agriculture, Economics Research Service). 2016. "Many United States Agricultural Goods Shipped to the European Union Face High

- Tariffs.” <https://www.ers.usda.gov/data-products/chart-gallery/gallery/chart-detail/?chartId=78589>.
- . 2017a. “Top 15 United States Agricultural Export Destinations, by Calendar Year, United States Value.” <https://www.ers.usda.gov/data-products/foreign-agricultural-trade-of-the-united-states-fatus/calendar-year/>.
- . 2017b. “Effects of Trade on the United States Economy, 2015: Agriculture Trade Multipliers 2015, Summary of Findings.” <https://www.ers.usda.gov/data-products/agricultural-trade-multipliers/effects-of-trade-on-the-us-economy-2015/>.
- . 2017c. “Agricultural Total Factor Productivity Growth Indices for Individual Countries, 1961–2014.” <https://www.ers.usda.gov/data-products/international-agricultural-productivity/>.
- . 2017d. “Summary Findings” about agricultural productivity. <https://www.ers.usda.gov/data-products/international-agricultural-productivity/summary-findings/>.
- FAS (U.S. Department of Agriculture, Foreign Agricultural Service). 2016. “Free Trade Agreements and United States Agriculture.” <https://www.fas.usda.gov/data/free-trade-agreements-and-us-agriculture>.
- . 2017. “Agricultural Tariff Tracker.” Exports to South Korea. <https://apps.fas.usda.gov/agtariifftracker/Home/Search#page-5>.
- Federal Register*. 2017. “Proclamation 9687: To Take Certain Actions Under the African Growth and Opportunity Act and for Other Purposes.” <https://ustr.gov/sites/default/files/gsp/2017%20GSP%20Proclamation%20and%20AGOA%20year%20end.pdf>.
- Feenstra, R., H. Ma, and Y. Xu. 2017. *U.S. Exports and Employment*. NBER Working Paper 24506. Cambridge, MA: National Bureau of Economic Research. <http://www.nber.org/papers/w24056>.
- Frankel, J., and D. Romer. 1999. “Does Trade Cause Growth?” *American Economic Review* 89, no. 3: 379–99. <http://www.jstor.org/stable/pdf/117025.pdf>.
- Fuglie, K., and P. Heisey. 2007. “Economic Returns to Public Agricultural Research.” U.S. Department of Agriculture, Economic Research Service. <https://www.ers.usda.gov/publications/pub-details/?pubid=42827>.
- Greentech Media Research. 2017. “Q4 2017 U.S. Solar Market Insight.” GTM Research and Solar Energy Industries Association.
- Grossman, G. 2016. “The Purpose of Trade Agreements.” *Handbook of Commercial Policy* 1: 379–434. [https://www.princeton.edu/~grossman/Purpose\\_of\\_Trade\\_Agreements\\_WP.pdf](https://www.princeton.edu/~grossman/Purpose_of_Trade_Agreements_WP.pdf).
- Hakobyan, S., and J. McLaren. 2016. “Looking for Local Labor Market Effects of NAFTA.” *Review of Economics and Statistics* 98, no. 4: 728–41. [https://www.mitpressjournals.org/doi/pdfplus/10.1162/REST\\_a\\_00587](https://www.mitpressjournals.org/doi/pdfplus/10.1162/REST_a_00587).
- Hudec, R., D. Kennedy, and M. Sgarbossa. 1993. “A Statistical Profile of GATT Dispute Settlement Cases: 1948–1989.” *Minnesota Journal of Global*

Trade 2. [http://heinonline.org/HOL/Page?handle=hein.journals/mjgt2&div=6&g\\_sent=1&casa\\_token=&collection=journals](http://heinonline.org/HOL/Page?handle=hein.journals/mjgt2&div=6&g_sent=1&casa_token=&collection=journals).

- Hufbauer, G., C. Cimino, and T. Moran. 2014. *NAFTA at 20: Misleading Charges and Positive Achievements*. Report PB14-13. Washington: Peterson Institute for International Economics. <https://piie.com/sites/default/files/publications/pb/pb14-13.pdf>.
- Hyman, B. 2018. "Can Displaced Labor Be Retrained? Evidence from Quasi-Random Assignment to Trade Adjustment Assistance." Wharton School at University of Pennsylvania. [https://www.dropbox.com/s/da2tnohyfo7xzsx/Hyman\\_TAA\\_MostRecent.pdf?dl=0](https://www.dropbox.com/s/da2tnohyfo7xzsx/Hyman_TAA_MostRecent.pdf?dl=0).
- Irwin, D. 2010. "Trade Restrictiveness and Deadweight Losses from U.S. Tariffs." *American Economic Journal: Economic Policy* 2, no. 3: 111–33.
- . 2011. *Peddling Protectionism: Smoot-Hawley and the Great Depression*. Princeton, NJ: Princeton University Press.
- Kee, H., A. Nicita, and M. Olarreaga. 2009. "Estimating Trade Restrictiveness Indices." *Economic Journal* 119: 172–99.
- Kimball, W., and R. Scott. 2014. *China Trade, Outsourcing, and Jobs*. Briefing Paper 385. Washington: Economic Policy Institute. <http://www.epi.org/publication/china-trade-outsourcing-and-jobs/>.
- Lipsey, R. 1994. "U.S. Foreign Trade and Balance of Payments, 1800–1913." In *Cambridge Economic History of the United States, Volume 2: The Long Nineteenth Century*, edited by S. Engerman and R. Gallman. New York: Cambridge University Press. <http://www.nber.org/papers/w4710.pdf>.
- Makholm, J. 2012. *The Political Economy of Pipelines: A Century of Comparative Institutional Development*. Chicago: University of Chicago Press.
- Martin, W., and K. Anderson. 2012. "Export Restrictions and Price Insulation during Commodity Price Booms." *American Journal of Agricultural Economics* 94, no. 2: 422–27.
- Mayeda, A. 2017. "America Wins Often with Trade Referee That Trump Wants to Avoid." Bloomberg News, March 27. <https://www.bloomberg.com/news/articles/2017-03-27/trump-isn-t-a-fan-of-the-wto-but-u-s-lawyers-often-win-there>.
- McKinnon, R. 1982. "Currency Substitution and Instability in the World Dollar Standard." *American Economic Review* 72, no. 3: 320–33. <http://www.jstor.org/stable/1831535>.
- . 2001. "The International Dollar Standard and the Sustainability of the U.S. Current Account Deficit." *Brookings Papers on Economic Activity*, no. 1: 227–39.
- Melitz, M. 2003. "The Impact of Trade on Intra-Industry Reallocation and Aggregate Industry Productivity." *Econometrica* 71, no. 6: 1695–1725.
- Mokyr, J. 2009. "Intellectual Property Rights, the Industrial Revolution, and the Beginnings of Modern Economic Growth." *American Economic Review* 99, no. 2: 349–55.

- Newell R., B. Prest, and A. Vissing. 2016. *Trophy Hunting vs. Manufacturing Energy: The Price-Responsiveness of Shale Gas*. NBER Working Paper 22532. Cambridge, MA: National Bureau of Economic Research. <http://www.nber.org/papers/w22532>.
- Pierce, J., and P. Schott. 2016. "The Surprisingly Swift Decline of U.S. Manufacturing Employment." *American Economic Review* 106, no. 7: 1632–62. <https://doi.org/10.1257/aer.20131578>.
- Prusa, T. 2001. "On the Spread and Impact of Anti-Dumping." *Canadian Journal of Economics* 34, no. 3: 591–611.
- Reynolds, K., and J. Palatucci. 2012. "Does Trade Adjustment Assistance Make a Difference?" *Contemporary Economic Policy* 30, no. 1: 43–59. <https://doi.org/10.1111/j.1465-7287.2010.00247.x>.
- Schaller, J., and A. Stevens. 2011. "Short-Run Effects of Parental Job Loss on Children's Academic Achievement." *Economics of Education Review* 30, no. 2: 289–99. <http://www.sciencedirect.com/science/article/pii/S0272775710001202>.
- Schnepf, R. 2017. "U.S. Farm Income Outlook for 2017." Congressional Research Service.
- Schochet, P., R. D'Amico, J. Berk, S. Dolfin, and N. Wozny. 2012. "Estimated Impacts for Participants in the Trade Adjustment Assistance (TAA) Program Under the 2002 Amendments." Social Policy Research Associates and Mathematica Policy Research Inc. [http://wdr.doleta.gov/research/FullText\\_Documents/ETAOP%5F2013%5F10%5FParticipant%5FImpact%5FReport%2Epdf](http://wdr.doleta.gov/research/FullText_Documents/ETAOP%5F2013%5F10%5FParticipant%5FImpact%5FReport%2Epdf).
- Sullivan, D., and T. von Wachter. 2009. "Job Displacement and Mortality: An Analysis Using Administrative Data." *Quarterly Journal of Economics* 124: 1265–1306.
- Trachanas, E., and C. Katrakilidis. 2013. "The Dynamic Linkages of Fiscal and Current Account Deficits: New Evidence from Five Highly Indebted European Countries Accounting for Regime Shifts and Asymmetries." *Economic Modelling* 31: 502–10.
- UNCTAD (United Nations Conference on Trade and Development). 2012. "International Classification of Non-Tariff Measures." [http://unctad.org/en/PublicationsLibrary/ditctab20122\\_en.pdf?user=46](http://unctad.org/en/PublicationsLibrary/ditctab20122_en.pdf?user=46).
- . 2015. *International Classification of Non-Tariff Measures*. Geneva: UNCTAD. [http://unctad.org/en/PublicationsLibrary/ditctab20122\\_en.pdf](http://unctad.org/en/PublicationsLibrary/ditctab20122_en.pdf).
- United Nations. 2016. "Trade as an Engine for Development." [http://www.un.org/esa/ffd/wp-content/uploads/2016/01/Trade-as-an-engine-for-development\\_ITC-UNCTAD-WTO\\_IATF-Issue-brief.pdf](http://www.un.org/esa/ffd/wp-content/uploads/2016/01/Trade-as-an-engine-for-development_ITC-UNCTAD-WTO_IATF-Issue-brief.pdf).
- U.S. Bureau of Industry and Security. 2017. "Section 232 Investigations: The Effect of Imports on National Security." <https://www.bis.doc.gov/index.php/other-areas/office-of-technology-evaluation-ote/section-232-investigations>.
- U.S. Bureau of Labor Statistics. 2016. "Current Population Survey: Displaced Worker Supplement." <https://www.bls.gov/cps/lfcharacteristics.htm#displaced>.
- U.S. Census Bureau. 2017. "Current Population Survey." <https://www.census.gov/programs-surveys/cps.html>.

- U.S. Committee on Science, Space, and Technology. 2012. "Impact of Tax Policies on the Commercial Application of Renewable Energy Technology." Testimony of Molly Sherlock. <https://www.gpo.gov/fdsys/pkg/CHRG-112hrg74058/pdf/CHRG-112hrg74058.pdf>.
- U.S. Customs and Border Protection. 2017. "Anti-Dumping (AD) and Countervailing Duties (CVD)." [https://help.cbp.gov/app/answers/detail/a\\_id/216/~/-/anti-dumping-%28ad%29-and-countervailing-duties-%28cvd%29](https://help.cbp.gov/app/answers/detail/a_id/216/~/-/anti-dumping-%28ad%29-and-countervailing-duties-%28cvd%29).
- USDA (U.S. Department of Agriculture). 2017a. "USDA Agricultural Projections to 2026." <https://www.ers.usda.gov/webdocs/publications/82539/oce-2017-1.pdf?v=42788>.
- . 2017b. "Outlook for United States Agricultural Trade." Electronic Outlook Report #AES-102. <https://www.ers.usda.gov/webdocs/publications/84934/aes-101.pdf?v=42976>.
- U.S. Department of Commerce. 2017. "Egypt Import Tariffs." <https://www.export.gov/article?id=Egypt-Import-Tariffs>.
- U.S. Department of Energy. 2017. *Staff Report to the Secretary on Electricity Markets and Reliability*. Washington: U.S. Government Publishing Office. [https://energy.gov/sites/prod/files/2017/08/f36/Staff%20Report%20on%20Electricity%20Markets%20and%20Reliability\\_0.pdf](https://energy.gov/sites/prod/files/2017/08/f36/Staff%20Report%20on%20Electricity%20Markets%20and%20Reliability_0.pdf).
- U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy. 2017. *2016 Wind Technologies Market Report*. Oak Ridge, TN: U.S. Department of Energy, Office of Scientific and Technical Information. [https://energy.gov/sites/prod/files/2017/08/f35/2016\\_Wind\\_Technologies\\_Market\\_Report\\_0.pdf](https://energy.gov/sites/prod/files/2017/08/f35/2016_Wind_Technologies_Market_Report_0.pdf).
- U.S. Energy Information Administration. 2017a. "Monthly Coal Report." October 2. <https://www.eia.gov/coal/production/quarterly/pdf/t7p01p1.pdf>.
- . 2017b. "United States Coal Exports." April–June. <https://www.eia.gov/coal/production/quarterly/pdf/t7p01p1.pdf>.
- U.S. Energy Information Administration, Independent Statistics and Analysis. 2017. "What Is United States Electricity Generation by Energy Source?" <https://www.eia.gov/tools/faqs/faq.php?id=427&t=3>.
- . No date. "Liquid Fuels: Crude Oil: Domestic Production." <https://www.eia.gov/outlooks/aeo/data/browser/#/?id=11-AEO2017&cases=ref2017&sourcekey=0>.
- USITC (U.S. International Trade Commission). 2010. "Trends and Impacts of India's Antidumping Enforcement." <https://www.usitc.gov/publications/332/EC201010A.pdf>.
- . 2011. "U.S.-Korea Free Trade Agreement: Passenger Vehicle Sector Update." <https://www.usitc.gov/publications/332/pub4220.pdf>.
- . 2016. "Economic Impact of Trade Agreements under Trade Authorities Procedures, 2016 Report." <https://www.usitc.gov/publications/332/pub4614.pdf>.
- . 2017. "Antidumping and Countervailing Duty Orders in Place as of October 05, 2017." [https://www.usitc.gov/trade\\_remedy/documents/orders.xls](https://www.usitc.gov/trade_remedy/documents/orders.xls).

- USTR (Office of the U.S. Trade Representative). 2017a. "Initiation of Section 301 Investigation; Hearing; and Request for Public Comments: China's Acts, Policies, and Practices Related to Technology Transfer, Intellectual Property, and Innovation." 82 FR 40213-40215. August 24. <https://www.federalregister.gov/documents/2017/08/24/2017-17931/initiation-of-section-301-investigation-hearing-and-request-for-public-comments-chinas-acts-policies>.
- . 2017b. "Bilateral Trade Investment Treaties." <https://ustr.gov/trade-agreements/bilateral-investment-treaties>.
- . 2017c. "USTR Statement on Report of Global Forum on Steel Excess Capacity." <https://ustr.gov/about-us/policy-offices/press-office/press-releases/2017/november/ustr-statement-report-global-forum>.
- . 2018. "Section 201 Cases: Imported Large Residential Washing Machines and Imported Solar Cells and Modules." <https://ustr.gov/sites/default/files/files/Press/fs/201%20Cases%20Fact%20She%20et.pdf>.
- Wolak, F. 2016. "Assessing the Impact of the Diffusion of Shale Oil and Gas Technology on the Global Coal Market." Working paper, Stanford University. [https://web.stanford.edu/group/fwolak/cgi-bin/sites/default/files/coal\\_paper\\_wAppendix\\_sept\\_19.pdf](https://web.stanford.edu/group/fwolak/cgi-bin/sites/default/files/coal_paper_wAppendix_sept_19.pdf).
- World Bank. 2016. "World Integrated Trade Solution: World 2016 Tariff Schedules." <https://wits.worldbank.org/gptad.html>.
- . 2017. "Gross Domestic Product." World Bank national accounts data and OECD National Accounts data files. <https://data.worldbank.org/indicator/NY.GDP.MKTP.KD>.
- WTO (World Trade Organization). 2012. *World Trade Report 2012*. Geneva: WTO Publications. [https://www.wto.org/english/res\\_e/booksp\\_e/anrep\\_e/world\\_trade\\_report12\\_e.pdf](https://www.wto.org/english/res_e/booksp_e/anrep_e/world_trade_report12_e.pdf).
- . 2017a. "Agriculture: Fairer Markets for Farmers." [https://www.wto.org/english/thewto\\_e/whatis\\_e/tif\\_e/agrm3\\_e.htm](https://www.wto.org/english/thewto_e/whatis_e/tif_e/agrm3_e.htm).
- . 2017b. "Anti-Dumping, Subsidies, Safeguards: Contingencies, Etc." [https://www.wto.org/english/thewto\\_e/whatis\\_e/tif\\_e/agrm8\\_e.htm](https://www.wto.org/english/thewto_e/whatis_e/tif_e/agrm8_e.htm).
- . 2017c. "Find Disputes Cases." [https://www.wto.org/english/tratop\\_e/dispu\\_e/find\\_dispu\\_cases\\_e.htm](https://www.wto.org/english/tratop_e/dispu_e/find_dispu_cases_e.htm).
- . 2017d. "Increased Use of Regulatory Measures Creates New Challenges for the WTO, Report Says." [https://www.wto.org/english/news\\_e/pres12\\_e/pr667\\_e.htm](https://www.wto.org/english/news_e/pres12_e/pr667_e.htm).
- . 2017e. "Market Access: Tariffs and Tariff Quotas." [https://www.wto.org/english/tratop\\_e/agric\\_e/negs\\_bkgrnd10\\_access\\_e.htm#ft1](https://www.wto.org/english/tratop_e/agric_e/negs_bkgrnd10_access_e.htm#ft1).
- . 2017f. "Trade and Tariff Maps." [https://www.wto.org/english/res\\_e/statis\\_e/statis\\_maps\\_e.htm](https://www.wto.org/english/res_e/statis_e/statis_maps_e.htm).
- . 2017g. "Understanding the WTO Agreement on Sanitary and Phytosanitary Measures." [https://www.wto.org/english/tratop\\_e/sps\\_e/spsund\\_e.htm](https://www.wto.org/english/tratop_e/sps_e/spsund_e.htm).

———. 2017h. *World Trade Report 2017*. Geneva: WTO Publications. [https://www.wto.org/english/res\\_e/reser\\_e/wtr\\_e.htm](https://www.wto.org/english/res_e/reser_e/wtr_e.htm).

## Chapter 6

- AHA (American Hospital Association). 2016. “Chart 2.9: Announced Hospital Mergers and Acquisitions, 1998–2015.” <https://www.aha.org/system/files/research/reports/tw/chartbook/2016/chart2-9.pdf>.
- AHIP (America’s Health Insurance Plans). 2016. “High-Priced Drugs: Estimates of Annual Per-Patient Expenditures for 150 Specialty Medications.”
- AHRQ (Agency for Healthcare Research and Quality). 2017. “Patient Characteristics of Opioid-Related Inpatient Stays and Emergency Department Visits Nationally and by State, 2014.” Healthcare Cost and Utilization Project Statistical Brief. <https://www.hcup-us.ahrq.gov/reports/statbriefs/sb224-Patient-Characteristics-Opioid-Hospital-Stays-ED-Visits-by-State.jsp>.
- Alpert, A., D. Powell, and L. Pacula. 2017. *Supply-Side Drug Policy in the Presence of Substitute Evidence from the Introduction of Abuse-Deterrent Opioids*. NBER Working Paper 23031. Cambridge, MA: National Bureau of Economic Research. <http://www.nber.org/papers/w23031.pdf>.
- American Cancer Society. 2015. “Health Risks of Smoking Tobacco.” <https://www.cancer.org/cancer/cancer-causes/tobacco-and-cancer/health-risks-of-smoking-tobacco.htm>.
- Andrews, M. 2017. “FDA’s Approval of a Cheaper Drug for Hepatitis C Will Likely Expand Treatment.” National Public Radio. <http://www.npr.org/sections/health-shots/2017/10/04/555156577/fdas-approval-of-a-cheaper-drug-for-hepatitis-c-will-likely-expand-treatment>.
- Antos, J., and J. Capretta. 2016. “The Future of the ACA’s Exchanges.” *Health Affairs Blog*. <https://www.healthaffairs.org/doi/10.1377/hblog20161011.057024/full/>.
- ASPE (Assistant Secretary for Planning and Evaluation). 2017. “Health Plan Choice and Premiums in the 2018 Federal Health Insurance Exchange.” <https://aspe.hhs.gov/pdf-report/health-plan-choice-and-premiums-2018-federal-health-insurance-exchange>.
- Baer, C. 2015. “Drugs for the Indigent: A Proposal to Revise the 340B Drug Pricing Program.” *William & Mary Law Review* 57, no. 2: 637–74.
- Baghdadi, R., S. Pearson, J. Horvath, and L. Tollen. 2017. “Health Policy Brief: Medicaid Best Price.” Health Affairs.
- Baicker, K., D. Cutler, and Z. Song. 2010. “Workplace Wellness Programs Can Generate Savings.” *Health Affairs* 29, no. 2: 1–8.
- Baicker, K., S. Taubman, H. Allen, M. Bernstein, J. Gruber, J. Newhouse, E. Schneider, B. Wright, A. Zaslavsky, and A. Finkelstein. 2013. “The Oregon Experiment: Effects of Medicaid on Clinical Outcomes.” *New England Journal of Medicine* 368: 1713–22. <http://www.nejm.org/doi/full/10.1056/NEJMsa1212321>.

- Baker, L., K. Bundorf, and D. Kessler. 2014. "Vertical Integration: Hospital Ownership of Physician Practices Is Associated with Higher Prices and Spending." *Health Affairs* 33, no. 5: 756–63.
- Benham, T., E. Goplerud, and S. Hodge. 2017. "A Substance Use Cost Calculator for U.S. Employers with an Emphasis on Prescription Pain Medication Misuse." *Journal of Occupational and Environmental Medicine* 59, no. 11: 1063–71. [www.ncbi.nlm.nih.gov/pubmed/29116987](http://www.ncbi.nlm.nih.gov/pubmed/29116987).
- Berndt, E., and M. Aitken. 2011. "Brand Loyalty, Generic Entry and Price Competition in Pharmaceuticals in the Quarter Century after the 1984 Waxman-Hatch Legislation." *International Journal of the Economics of Business* 18, no. 2: 177–201.
- Birnbaum, H., A. White, J. Reynolds, P. Greenberg, M. Zhang, S. Vallow, J. Schein, and N. Katz. 2006. "Estimated Costs of Prescription Opioid Analgesic Abuse in the United States in 2001: A Societal Perspective." *Clinical Journal of Pain* 22, no. 8: 667–76.
- Birnbaum, H., A. White, M. Schiller, T. Waldman, J. Cleveland, and C. Roland. 2011. "Societal Costs of Prescription Opioid Abuse, Dependence, and Misuse in the United States." *Pain Medicine* 12: 657–67.
- Black, B., J. Espín-Sánchez, E. French, and K. Litvak. 2017. "The Long-Term Effect of Health Insurance on Near-Elderly Health and Mortality." *American Journal of Health Economics* 3, no. 3: 281–311. [https://www.mitpressjournals.org/doi/full/10.1162/ajhe\\_a\\_00076](https://www.mitpressjournals.org/doi/full/10.1162/ajhe_a_00076).
- BMI (Business Monitor International). 2017. "Branded and Generic Pharmaceutical Sales by Country 2015–2016." Data provided by U.S. Department of Commerce, International Trade Administration.
- Brook, R., E. Keeler, K. Lohr, J. Newhouse, J. Ware, W. Rogers, A. Davies, et al. 2006. "The Health Insurance Experiment: A Classic RAND Study Speaks to the Current Health Care Reform Debate." RAND Health. [https://www.rand.org/pubs/research\\_briefs/RB9174.html](https://www.rand.org/pubs/research_briefs/RB9174.html).
- Brooklyn, J., and S. Sigmon. 2017. "Vermont Hub-and-Spoke Model of Care for Opioid Use Disorder: Development, Implementation, and Impact." *Journal of Addiction Medicine* 11, no. 4: 286–92.
- Bruen, B., E. Brantley, V. Thompson, E. Steinmetz, and L. Helmchen. 2017. "High-Cost HCV Drugs in Medicaid: Final Report." Report for Medicaid and CHIP Payment and Access Commission, Contract MACP16406T2. <https://www.macpac.gov/wp-content/uploads/2017/03/High-Cost-HCV-Drugs-in-Medicaid-Final-Report.pdf>.
- Bunn, W., III, G. Stave, K. Downs, J. Alvir, and R. Dirani. 2006. "Effect of Smoking on Productivity Loss." *Journal of Occupational and Environmental Medicine* 48, no. 10: 1099–1108.
- Candon, M., S. Zuckerman, D. Wissoker, B. Saloner, G. Kenney, K. Rhodes, and D. Polsky. 2017. "Declining Medicaid Fees and Primary Care Appointment Availability for New Medicaid Patients." Research Letter. *Journal of the*

- American Medical Association–Internal Medicine*. [https://ldi.upenn.edu/sites/default/files/pdf/LDI%20Research%20Briefs%202017%20No.%2010\\_3\\_0.pdf](https://ldi.upenn.edu/sites/default/files/pdf/LDI%20Research%20Briefs%202017%20No.%2010_3_0.pdf).
- Capretta, J. 2017. “It’s Time to Revamp Medicare ACOs.” RealClear Health. [https://www.realclearhealth.com/articles/2017/12/13/its\\_time\\_to\\_revamp\\_medicare\\_acos\\_110755.html](https://www.realclearhealth.com/articles/2017/12/13/its_time_to_revamp_medicare_acos_110755.html).
- Caves, R., M. Whinston, M. Hurwitz, A. Pakes, and P. Temin. 1991. “Patent Expiration, Entry, and Competition in the U.S. Pharmaceutical Industry.” *Brookings Papers on Economic Activity, Microeconomics*: 1–66.
- Cawley, J. 2015. “An Economy of Scales: A Selective Review of Obesity’s Economic Causes, Consequences, and Solutions.” *Journal of Health Economics* 43: 244–68.
- CBO (Congressional Budget Office). 1998. “How Increased Competition from Generic Drugs Has Affected Prices and Returns in the Pharmaceutical Industry.” <https://www.cbo.gov/publication/10938>.
- . 2012. “Ranging the Excise Tax on Cigarettes: Effects on Health and the Federal Budget.” [https://www.cbo.gov/sites/default/files/cbofiles/attachments/06-13-Smoking\\_Reduction.pdf](https://www.cbo.gov/sites/default/files/cbofiles/attachments/06-13-Smoking_Reduction.pdf).
- . 2017. “CBO’s Record of Projecting Subsidies for Health Insurance Under the Affordable Care Act: 2014 to 2016.” <https://www.cbo.gov/publication/53094>.
- CDC (Centers for Disease Control and Prevention). 2015. “Acceptance of New Patients with Public and Private Insurance by Office-Based Physicians: United States, 2013.” <https://www.cdc.gov/nchs/data/databriefs/db195.pdf>.
- . 2016a. “Mortality in the United States, 2015.” <https://www.cdc.gov/nchs/products/databriefs/db267.htm>.
- . 2016b. “Prevalence of Overweight, Obesity, and Extreme Obesity among Adults Aged 20 and Over: United States, 1960–1962 through 2013–2014.” [https://www.cdc.gov/nchs/data/hestat/obesity\\_adult\\_13\\_14/obesity\\_adult\\_13\\_14.htm](https://www.cdc.gov/nchs/data/hestat/obesity_adult_13_14/obesity_adult_13_14.htm).
- . 2017a. “Mortality in the United States, 2016.” <https://www.cdc.gov/nchs/products/databriefs/db293.htm>.
- . 2017b. “Opioid Prescribing.” <https://www.cdc.gov/vitalsigns/opioids/index.html>.
- . 2017c. “Smoking and Tobacco Use.” [https://www.cdc.gov/tobacco/data\\_statistics/fact\\_sheets/fast\\_facts/index.htm](https://www.cdc.gov/tobacco/data_statistics/fact_sheets/fast_facts/index.htm).
- . No date. WONDER Database. <https://wonder.cdc.gov/>.
- CEA (Council of Economic Advisers). 2017. “The Underestimated Cost of the Opioid Crisis.” <https://www.whitehouse.gov/sites/whitehouse.gov/files/images/The%20Underestimated%20Cost%20of%20the%20Opioid%20Crisis.pdf>.
- . 2018. “Reforming Biopharmaceutical Pricing at Home and Abroad.” <https://www.whitehouse.gov/wp-content/uploads/2017/11/CEA-Rx-White-Paper-Final2.pdf>.

- Chandra, A., and J. Skinner. 2012. "Technology Growth and Expenditure Growth in Health Care." *Journal of Economic Literature* 50, no. 3: 645–80.
- Chang, S., C. Stoll, J. Song, E. Varela, C. Eagon, and G. Colditz. 2014. "The Effectiveness and Risks of Bariatric Surgery: An Updated Systematic Review and Meta-Analysis, 2003–2012." *Journal of the American Medical Association* 149, no. 3: 275–87.
- Chetty, R., M. Stephner, S. Abraham, S. Lin, B. Scuderi, N. Turner, A. Bergeron, and D. Cutler. 2016. "The Association between Income and Life Expectancy in the United States, 2001–2014." *Journal of the American Medical Association* 315, no. 16: 1750–66. [https://jamanetwork.com/journals/jama/article-abstract/2513561?utm\\_term=alsomay](https://jamanetwork.com/journals/jama/article-abstract/2513561?utm_term=alsomay).
- Ciccarone, D. 2017. "Fentanyl in the U.S. Heroin Supply: A Rapidly Changing Risk Environment." *International Journal of Drug Policy* 46: 107–11. [http://www.ijdp.org/article/S0955-3959\(17\)30181-0/fulltext](http://www.ijdp.org/article/S0955-3959(17)30181-0/fulltext).
- CIRS (Centre for Innovation in Regulatory Science). 2014. "New Drug Approvals in ICH Countries, 2004–2013." R&D Briefing 54. [http://cirsci.org/sites/default/files/CIRS\\_R&D\\_Briefing\\_54\\_%20ICH\\_approval\\_times\\_2004-2013\\_22apr2014.pdf](http://cirsci.org/sites/default/files/CIRS_R&D_Briefing_54_%20ICH_approval_times_2004-2013_22apr2014.pdf).
- CMS (Centers for Medicare and Medicaid Services). 2017a. "National Health Expenditure Accounts (NHEA), Tables 1 and 23." Office of the Actuary. <https://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/NationalHealthExpendData/index.html>.
- . 2017b. "CMS Issues Hospital Outpatient Prospective Payment System and Ambulatory Surgical Center Payment System and Quality Reporting Programs Changes for 2018 (CMS-1678-FC)." <https://www.cms.gov/Newsroom/MediaReleaseDatabase/Fact-sheets/2017-Fact-Sheet-items/2017-11-01.html>.
- . 2017c. "Medicaid Drug Rebate Program." <https://www.medicaid.gov/medicaid/prescription-drugs/medicaid-drug-rebate-program/index.html>.
- . 2017d. "County by County Analysis of Plan Year 2018 Insurer Participation in Health Insurance Exchanges." <https://www.cms.gov/CCIIO/Programs-and-Initiatives/Health-Insurance-Marketplaces/Downloads/2017-10-20-Issuer-County-Map.pdf>.
- . 2017e. "CMS Finalizes Policies that Lower Out-of-Pocket Drug Costs and Increase Access to High-Quality Care." <https://www.cms.gov/Newsroom/MediaReleaseDatabase/Press-releases/2017-Press-releases-items/2017-11-01-2.html>.
- Cole, M., O. Galarraga, I. Wilson, B. Wright, and A. Trivedi. 2017. "At Federally Funded Health Centers, Medicaid Expansion Was Associated with Improved Quality of Care." *Health Affairs* 36: 40–48.
- Cooper, Z., S. Craig, M. Gaynor, and J. Van Reenen. 2015. *The Price Ain't Right? Hospital Prices and Health Spending on the Privately Insured*. NBER Working Paper 21815. Cambridge, MA: National Bureau of Economic Research.

- Cox, C., M. Long, A. Semanskee, R. Kamal, G. Claxton, and L. Levitt. 2016. "2017 Premium Changes and Insurer Participation in the Affordable Care Act's Health Insurance Marketplaces." Kaiser Family Foundation. <https://www.kff.org/health-reform/issue-brief/2017-premium-changes-and-insurer-participation-in-the-affordable-care-acts-health-insurance-marketplaces/>.
- Cutler, D., and M. McClellan. 2001. "Is Technological Change in Medicine Worth it?" *Health Affairs* 25, no. 5: 11–29.
- Cutler, D., and F. Morton. 2013. "Hospitals, Market Share, and Consolidation." *Journal of the American Medical Association* 310, no. 18: 1964–70.
- Danzon, P., Y. Wang, and L. Wang. 2005. "The Impact of Price Regulation on the Launch Delay of New Drugs: Evidence from Twenty-Five Major Markets in the 1990s." *Health Economics* 14, no. 3: 269–92. <https://www.ncbi.nlm.nih.gov/pubmed/15386651>.
- Davis, K., S. Collins, M. Doty, A. Ho, and A. Holmgren. 2005. *Health and Productivity among U.S. Workers*. Issue Brief 856. Washington: Commonwealth Fund. [http://www.commonwealthfund.org/usr\\_doc/856\\_Davis\\_hlt\\_productivity\\_USworkers.pdf](http://www.commonwealthfund.org/usr_doc/856_Davis_hlt_productivity_USworkers.pdf).
- DeBruyne, N. 2017. "American War and Military Operations Casualties: Lists and Statistics." Congressional Research Service. <https://fas.org/sgp/crs/natsec/RL32492.pdf>.
- Decker, S. 2013. "Two-Thirds of Primary Care Physicians Accepted New Medicaid Patients in 2011–12: A Baseline to Measure Future Acceptance Rates." *Millwood: Health Affairs* 32: 1183–87.
- DeSalvo, K., N. Bloser, K. Reynolds, J. He, and P. Muntner. 2006. "Mortality Prediction with a Single General Self-Rated Health Question." *Journal of General Internal Medicine* 21, no. 3: 267–75.
- DiMasi, J., H. Grabowski, and R. Hansen. 2016. "Innovation in the Pharmaceutical Industry: New Estimates of R&D Costs." *Journal of Health Economics* 2016, no. 47: 20–33.
- Dowell, D., E. Arias, K. Kochanek, R. Anderson, G. Guy, J. Losby, and G. Baldwin. 2017. "Contribution of Opioid-Involved Poisonings to the Change in Life Expectancy in the United States, 2000–2015." *Journal of the American Medical Association* 318, no. 11: 1065–67.
- Downing, N., J. Aminawung, N. Shah, J., Braunstein, H. Krumholz, and J. Ross. 2012. "Review of Novel Therapeutics by Three Regulatory Agencies." *New England Journal of Medicine* 366: 1165–67.
- Emanuel, E. 2015. "Skip Your Annual Physical." *New York Times*, January 9. <https://www.nytimes.com/2015/01/09/opinion/skip-your-annual-physical.html>.
- Evans, W., E. Lieber, and P. Power. 2017. "How the Reformulation of OxyContin Ignited the Heroin Epidemic." *Journal of Economic Literature*. <https://www3.nd.edu/~elieber/research/ELP.pdf>.
- Falbe, J., H. Thompson, C. Becker, N. Rojas, C. McCulloch, and K. Madsen. 2015. "Impact of the Berkeley Excise Tax on Sugar Sweetened Beverage

- Consumption.” *American Journal of Public Health* 106, no. 10: 1865–71. <http://ajph.aphapublications.org/doi/abs/10.2105/AJPH.2016.303362>.
- FDA (Food and Drug Administration). 2015. “Generic Competition and Drug Prices.” <https://www.fda.gov/aboutfda/centersoffices/officeofmedicalproductsandtobacco/cder/ucm129385.htm>.
- . 2017. “FDA’S Plan for Tobacco and Nicotine Regulation.” <https://www.fda.gov/TobaccoProducts/NewsEvents/ucm568425.html>.
- . 2018. “Statement from FDA Commissioner Scott Gottlieb, M.D., on New Steps to Facilitate Efficient Generic Drug Review to Enhance Competition, Promote Access and Lower Drug Prices.” <https://www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm591184.htm>.
- Fichtenberg, C., and S. Glantz. 2002. “Effect of Smoke-Free Workplaces on Smoking Behaviour: Systematic Review.” *British Medical Journal* 325: 188–94.
- Finkelstein, A. 2007. “The Aggregate Effects of Health Insurance: Evidence from the Introduction of Medicare.” *Quarterly Journal of Economics* 122: 1–37.
- Finkelstein, A., N. Hendren, and E. Luttmer. 2015. *The Value of Medicaid: Interpreting Results from the Oregon Health Insurance Experiment*. NBER Working Paper 21308. Cambridge, MA: National Bureau of Economic Research.
- Finkelstein, A., N. Mahoney, and M. Notowidigdo. 2017. *What Does (Formal) Health Insurance Do, and For Whom?* NBER Working Paper 23718. Cambridge, MA: National Bureau of Economic Research.
- Finkelstein, A., and R. McKnight. 2008. “What Did Medicare Do? The Initial Impact of Medicare on Mortality and Out of Pocket Medical Spending.” *Journal of Public Economics* 92: 1644–68.
- Finkelstein, E., J. Trogdon, J. Cohen, and W. Dietz. 2009. “Annual Medical Spending Attributable to Obesity: Payer and Service-Specific Estimates.” *Millwood: Health Affairs* 28: 822–31.
- Florence, C., C. Zhou, F. Luo, and L. Xu. 2016. “The Economic Burden of Prescription Opioid Overdose, Abuse, and Dependence in the United States, 2013.” *Medical Care* 54, no. 10: 901–6.
- FTC (Federal Trade Commission). 2009. “Emerging Health Care Issues: Follow-On Biologic Drug Competition.” <https://www.ftc.gov/sites/default/files/documents/reports/emerging-health-care-issues-follow-biologic-drug-competition-federal-trade-commission-report/p083901biologicsreport.pdf>.
- Gaynor, M., and Town, R. 2012. “The Impact of Hospital Consolidation: An Update.” Robert Wood Johnson Foundation. [https://www.rwjf.org/content/dam/farm/reports/issue\\_briefs/2012/rwjf73261](https://www.rwjf.org/content/dam/farm/reports/issue_briefs/2012/rwjf73261).
- Giacotto, C., R. Santerre, and J. Vernon. 2005. “Drug Prices and Research and Development Investment Behavior in the Pharmaceutical Industry.” *Journal of Law and Economics* 48, no. 1.
- Gnadinger, T. 2014. “Health Policy Brief: The Relative Contribution of Multiple Determinants to Health Outcomes.” Health Affairs. <https://www.healthaffairs.org/doi/10.1377/hblog20140822.040952/full/>.

- Goettler, A., A. Grosse, and D. Sonntag. 2017. "Productivity Loss Due to Overweight Obesity: A Systematic Review of Indirect Costs." <http://bmjopen.bmj.com/content/7/10/e014632>.
- Goldman, D., and D. Lakdawalla. 2018. "The Global Burden of Medical Innovation." Leonard Schaeffer Center for Health Policy and Economics, University of Southern California. [http://healthpolicy.usc.edu/Global\\_Burden\\_of\\_Medical\\_Innovation.aspx](http://healthpolicy.usc.edu/Global_Burden_of_Medical_Innovation.aspx).
- Goodchild, M., N. Nargis, and E. d'Espaignet. 2017. "Global Economic Cost of Smoking-Attributable Diseases." *BMJ*. <http://tobaccocontrol.bmj.com/content/27/1/58>.
- Gottlieb, S. 2018. "Reflections on a Landmark Year for Medical Product Innovation and Public Health Advances and Looking Ahead to Policy in 2018." U.S. Food and Drug Administration. <https://blogs.fda.gov/fdavoic/index.php/2018/01/reflections-on-a-landmark-year-for-medical-product-innovation-and-public-health-advances-and-looking-ahead-to-policy-in-2018/>.
- Grabowski, H., and J. Vernon. 1990. "A New Look at the Returns and Risks to Pharmaceutical R&D." *Management Science* 36, no. 7: 804–21.
- . 1992. "Brand Loyalty, Entry and Price Competition in Pharmaceuticals after the 1984 Drug Act." *Journal of Law and Economics* 35: 331–50.
- Gupta, A. 2017. *Impacts of Performance Pay for Hospitals: The Readmissions Reduction Program*. Working Paper 2017-07. Chicago: Becker Friedman Institute for Research in Economics at the University of Chicago. <https://ssrn.com/abstract=3054172>.
- Gupta, A., L. Allen, D. Bhatt, M. Cox, A. DeVore, P. Heidenreich, A. Hernandez, E. Peterson, R. Matsouaka, C. Yancy, and G. Fonarow. 2018. "Association of the Hospital Readmissions Reduction Program Implementation with Readmission and Mortality Outcomes in Heart Failure." *Journal of the American Medical Association–Cardiology* 3, no. 1: 44–53.
- Haeder, S., D. Weimer, and D. Mukamel. 2016. "Secret Shoppers Find Access to Providers and Network Accuracy Lacking for Those in Marketplace and Commercial Plans." *Health Affairs* 35, no. 7. <https://www.ncbi.nlm.nih.gov/pubmed/27385229>.
- Hansen, R., G. Oster, J. Edelsberg, G. Woody, and S. Sullivan. 2011. "Economic Costs of Nonmedical Use of Prescription Opioids." *Clinical Journal of Pain* 27, no. 3: 194–202.
- Hanson, R. 2005. "Fear of Death and Muddled Thinking: It Is Worse Than You Think." In *Death and Anti-Death, Volume 3: Fifty Years after Einstein, One Hundred Fifty Years after Kierkegaard*, edited by C. Tandy. Ann Arbor: Ria University Press.
- Hartmann-Boyce, J., H. McRobbie, C. Bullen, R. Begh, L. Stead, and P. Hajek. 2016. "Electronic Cigarettes for Smoking Cessation." *Cochrane Database of Systematic Reviews*, no. 9, article CD010216.

- Heidenreich, P., J. Trogdon, O. Khavjou, J. Butler, K. Dracup, M. Ezekowitz, E. Finkelstein, et al. 2011. "Forecasting the Future of Cardiovascular Disease in the United States." <http://circ.ahajournals.org/content/123/8/933.short>.
- HHS (U.S. Department of Health and Human Services). 2014. "The Health Consequences of Smoking: 50 Years of Progress." <https://www.surgeongeneral.gov/library/reports/50-years-of-progress/index.html>.
- . 2016. "A Timeline of HIV and AIDS." HIV.gov. <https://www.hiv.gov/hiv-basics/overview/history/hiv-and-aids-timeline>.
- . 2017. "The Surgeon General's Priorities." <https://www.surgeongeneral.gov/priorities/index.html>.
- Holford, T., R. Mexa, K. Warner, C. Meernik, J. Jeon, S. Moolgavkar, and D. Levy. 2014. "Tobacco Control and the Reduction in Smoking-Related Premature Deaths in the United States, 1964–2012." *Journal of the American Medical Association* 311, no. 2: 164–71.
- Hu, L., R. Kaestner, B. Mazumder, S. Miller, and A. Wong. 2016. *The Effect of the Patient Protection and Affordable Care Act Medicaid Expansions on Financial Well-Being*. NBER Working Paper 22170. Cambridge, MA: National Bureau of Economic Research. <https://econpapers.repec.org/RePEc:nbr:nberwo:22170>.
- Jensen, MD., D. Ryan, K. Donato, C. Apovian, J. Ard, A. Comuzzie, F. Hu, et al. 2014. "Executive Summary: Guidelines (2013) for the Management of Overweight and Obesity in Adults." *Obesity* 22: S5–S39.
- Jeong, G., Y. Khandwala, J. Heon Kim, D. Hyun Han, S. Li, Y. Wang, and S. Chang. 2017. "Association of Robotic-Assisted vs. Laparoscopic Radical Nephrectomy with Perioperative Outcomes and Health Care Costs, 2003 to 2015." *Journal of the American Medical Association* 318, no. 16: 1561–68.
- Johnston, S., A. Alexander, E. Masters, J. Mardekian, D. Semel, E. Malangone-Monaco, E. Riehle, K. Wilson, and A. Sadosky. 2016. "Costs and Work Loss Burden of Diagnosed Opioid Abuse among Employees on Workers Compensation or Short-Term Disability." *Journal of Occupational and Environmental Medicine* 58, no. 11: 1087–97.
- Jones, D., D. Molitor, and J. Reif. 2018. *What Do Workplace Wellness Programs Do? Evidence from the Illinois Workplace Wellness Study*. NBER Working Paper 24229. Cambridge, MA: National Bureau of Economic Research. <http://www.nber.org/papers/w24229.pdf>.
- Kaiser Family Foundation. 2016. "2016 Medicaid-to-Medicare Fee Index." <https://www.kff.org/medicaid/state-indicator/medicaid-to-medicare-fee-index/?currentTmeframe=0&sortModel=%7B%22colId%22:%22Location%22,%22sort%22:%22asc%22%7D>.
- Kirson, N., L. Scarpati, C. Enloe, A. Dincer, H. Birnbaum, and T. Mayne. 2017. "The Economic Burden of Opioid Abuse: Updated Findings." *Journal of Managed Care and Specialty Pharmacy* 23, no. 4: 427–45.

- Kiszko, K., O. Martinez, C. Abrams, and B. Elbel. 2014. "The Influence of Calorie Labeling on Food Orders and Consumption: A Review of the Literature." *Journal of Community Health* 39. <https://doi.org/10.1007/s10900-014-9876-0>.
- Kronick, R. 2009. "Health Insurance Coverage and Mortality Revisited." *HSR: Health Services Research* 44, no. 4: 1211–31.
- Lakdawalla, D., and T. Philipson. 2003. *The Growth of Obesity and Technological Change: A Theoretical and Empirical Examination*. NBER Working Paper 7423. Cambridge, MA: National Bureau of Economic Research.
- Lakdawalla, D., T. Philipson, and J. Bhattacharya. 2005. "Welfare-Enhancing Technological Change and the Growth of Obesity." *American Economic Review* 95, no. 2: 253–57.
- Leider, H., J. Dhaliwal, E. Davis, M. Kulakodlu, and A. Buikema. 2011. "Healthcare Costs and Nonadherence among Chronic Opioid Users." *American Journal of Managed Care* 17, no. 1: 32–40.
- Levy, H., and D. Meltzer. 2008. "The Impact of Health Insurance on Health." *Annual Review of Public Health* 29: 399–409.
- Ludwig, D. 2016. "Lowering the Bar on the Low Fat Diet." *Journal of the American Medical Association* 316, no. 2: 2087–88. <https://jamanetwork.com/journals/jama/article-abstract/2564564>.
- Mader, E., B. Lapin, B. Cameron, T. Carr, and C. Morley. 2016. "Update on Performance in Tobacco Control: A Longitudinal Analysis of the Impact of Tobacco Control Policy and the U.S. Adult Smoking Rate, 2011–2013." *Journal of Public Health Management and Practice* 22, no. 5: E29–E35. <https://www.ncbi.nlm.nih.gov/pubmed/26618847>.
- Mahoney, N. 2015. "Bankruptcy as Implicit Health Insurance." *American Economic Review* 105, no. 2: 710–46. doi:10.1257/aer.20131408.
- Mazumder, B., and S. Miller. 2016. "The Effects of the Massachusetts Health Reform on Household Financial Distress." *American Economic Journal: Economic Policy* 8: 284–313.
- McAdam-Marx, C., C. Roland, J. Cleveland, and G. Oderda. 2010. "Costs of Opioid Abuse and Misuse Determined from a Medicaid Database." *Journal of Pain and Palliative Pharmacotherapy* 24, no. 1: 5–18.
- McCarty, D., N. Perrin, C. Green, M. Polen, M. Leo, and F. Lynch. 2010. "Methadone Maintenance and the Cost and Utilization of Health Care among Individuals Dependent on Opioids in a Commercial Health Plan." *Drug and Alcohol Dependence* 111: 235–40.
- McIntosh, H., and J. Garcia. 1978. "The First Decade of Aortocoronary Bypass Grafting, 1967–1977." *Circulation* 57: 405–35.
- MedPAC (Medicare Payment Advisory Commission). 2016. "Improving Medicare Part D." <http://www.medpac.gov/docs/default-source/reports/june-2016-report-to-the-congress-medicare-and-the-health-care-delivery-system.pdf?sfvrsn=0>.
- Mendell, J., D. Cornblath, and J. Kissel. 2001. *Diagnosis and Management of Peripheral Nerve Disorders*. Oxford: Oxford University Press.

- Miilunpalo, S., I. Vuori, P. Oja, M. Pasanen, and H. Urponen. 1997. "Self-Rated Health Status as a Health Measure: The Predictive Value of Self-Reported Health Status on the Use of Physician Services and on Mortality in the Working-Age Population." *Journal of Clinical Epidemiology* 50, no. 5: 517–28.
- Miller, S., and L. Wherry. 2017. "Health and Access to Care During the First 2 Years of the ACA Medicaid Expansions." *New England Journal of Medicine* 376: 947–56.
- Morton, F., and L. Boller. 2017. *Enabling Competition in Pharmaceutical Markets*. Hutchins Center Working Paper 30. Washington: Brookings Institution. [https://www.brookings.edu/wp-content/uploads/2017/05/wp30\\_scottmorton\\_competitioninpharma1.pdf](https://www.brookings.edu/wp-content/uploads/2017/05/wp30_scottmorton_competitioninpharma1.pdf).
- Muhuri, P., J. Gfroerer, and C. Davies. 2013. "Associations of Nonmedical Pain Reliever Use and Initiation of Heroin Use in the United States." Substance Abuse and Mental Health Services Administration, Center for Behavioral Health Statistics and Quality. <http://www.samhsa.gov/data/2k13/DataReview/DR006/nonmedical-pain-reliever-use-2013.pdf>.
- Mulcahy, A., Z. Predmore, and S. Mattke. 2014. "The Cost Saving Potential of Biosimilar Drugs in the United States" RAND Corporation. [https://www.rand.org/content/dam/rand/pubs/perspectives/PE100/PE127/RAND\\_PE127.pdf](https://www.rand.org/content/dam/rand/pubs/perspectives/PE100/PE127/RAND_PE127.pdf).
- NASEM (National Academies of Sciences, Engineering, and Medicine). 2018. "Public Health Consequences of E-Cigarettes."
- Newhouse, J. 1993. *Free For All? Lessons from the RAND Health Insurance Experiment*. Cambridge, MA: Harvard University Press.
- NIDA (National Institute on Drug Abuse). 2017a. "Opioid Overdose Crisis." <https://www.drugabuse.gov/drugs-abuse/opioids/opioid-overdose-crisis>.
- . 2017b. "Overdose Death Rates." <https://www.drugabuse.gov/related-topics/trends-statistics/overdose-death-rates>.
- OECD (Organization for Economic Cooperation and Development). 2016. *National Accounts*. Paris: OECD Publishing.
- Olson, L., and B. Wendling. 2013. "The Effect of Generic Drug Competition on Generic Drug Prices during the Hatch-Waxman 180-Day Exclusivity Period." Federal Trade Commission. <https://www.ftc.gov/sites/default/files/documents/reports/estimating-effect-entry-generic-drug-prices-using-hatch-waxman-exclusivity/wp317.pdf>.
- Palmer, E. 2013. "Conquering the Complexities of Biologics to Get to Biosimilars." Fierce Pharma Manufacturing. [www.fiercepharmamanufacturing.com/special-report/conquering-complexities-biologics-get-biosimilars](http://www.fiercepharmamanufacturing.com/special-report/conquering-complexities-biologics-get-biosimilars). [www.fiercepharmamanufacturing.com/special-report/conquering-complexities-biologics-get-biosimilars](http://www.fiercepharmamanufacturing.com/special-report/conquering-complexities-biologics-get-biosimilars).
- Philipson, T. 2015. "Saving Lives through Financial Innovations: FDA Swaps and Annuities." American Enterprise Institute.
- Philipson, T., M. Eber, D. Lakdawalla, M. Corral, R. Conti, and D. Goldman. 2012. "An Analysis of Whether Higher Health Care Spending in the United States versus Europe Is 'Worth It' in the Case of Cancer." *Health Affairs* 31, no. 4: 670–81.

- Philipson, T., and R. Posner. 1999. *The Long-Run Growth in Obesity as a Function of Technological Change*. NBER Working Paper 7423. Cambridge, MA: National Bureau of Economic Research. <http://www.nber.org/papers/w7423>.
- Pischon, T., H. Boeing, K. Hoffmann, R. Doll, R. Peto, J. Boreham, I. Sutherland, S. Stewart, D. Cutler, and A. Rosen. 2010. "Effects of Obesity and Smoking on U.S. Life Expectancy." *New England Journal of Medicine* 362: 855–57.
- Porter, Michael E. 2010. "What Is Value in Health Care?" *New England Journal of Medicine*, no. 363: 2477–87. <http://www.nejm.org/doi/full/10.1056/NEJMp1011024#t=article>.
- Rahimtoola, S. 1982. "Coronary Bypass Surgery for Chronic Angina 1981: A Perspective." *Circulation* 65: 225.
- Reifler, L., D. Droz, E. Bailey, S. Schnoll, R. Fant, R. Dart, and B. Bucher Bartelson. 2012. "Do Prescription Monitoring Programs Impact State Trends in Opioid Abuse/Misuse?" *Pain Medication* 2012, no. 13: 434–42.
- Rembert, M., M. Betz, B. Feng, and M. Partridge. 2017. "Taking Measure of the Opioid Crisis." Ohio State University.
- Ruetsch, C. 2010. "Empirical View of Opioid Dependence." *Journal of Managed Care Pharmacy* 16, no. 1-b.
- Ruhm, C. 2017. "Geographic Variation in Opioid and Heroin Involved Drug Poisoning Mortality Rates." *American Journal of Preventive Medicine* 53, no. 6: 745–53.
- Saqib, N., J. Saqib, and J. Ioannides. 2015. "Does Screening for Disease Save Lives in Asymptomatic Adults? Systematic Review of Meta-Analyses and Randomized Trials." *International Journal of Epidemiology* 44: 264–77.
- Schroeder, S. 2007. "We Can Do Better: Improving the Health of the American People." Shattuck Lecture. *New England Journal of Medicine* 357: 1221–28.
- Scott, A., P. Sivey, D. Ouakrim, L. Willenberg, L. Naccarella, J. Furler, and D. Young. 2011. "The Effect of Financial Incentive on the Quality of Health Care Provided by Primary Care Physicians." *Cochrane Database of Systematic Reviews* 9.
- Semanskee, A., C. Cox, G. Claxton, M. Long, and R. Kamal. 2017. "Insurer Participation on ACA Marketplaces, 2014–2018." Kaiser Family Foundation. <https://www.kff.org/health-reform/issue-brief/insurer-participation-on-aca-marketplaces/>.
- Sheiner, L. 2014. *Perspectives on Health Care Spending Growth*. Hutchins Center Working Paper 4. Washington: Brookings Institution. <https://www.brookings.edu/wp-content/uploads/2016/06/4-sheinerhealthcareAugust5.pdf>.
- Smith, K., and R. Lipari. 2017. "Women of Childbearing Age and Opioids." Substance Abuse and Mental Health Services Administration. [https://www.samhsa.gov/data/sites/default/files/report\\_2724/ShortReport-2724.html](https://www.samhsa.gov/data/sites/default/files/report_2724/ShortReport-2724.html).
- Smith, S., J. Newhouse, and M. Freeland. 2009. "Income, Insurance, and Technology: Why Does Health Spending Outpace Economic Growth?" *Health Affairs* 28: 1276–84.

- Sommers, B., K. Baicker, and A. Epstein. 2012. "Mortality and Access to Care among Adults after State Medicaid Expansions." *New England Journal of Medicine* 367: 1025–34.
- Sommers, B., A. Gawande, and K. Baicker. 2017. "Health Insurance Coverage and Health: What the Recent Evidence Tells Us." *New England Journal of Medicine* 377: 586–93. <http://www.nejm.org/doi/pdf/10.1056/NEJMs1706645>.
- Sommers, B., S. Long, and K. Baicker. 2014. "Changes in Mortality after Massachusetts Health Care Reform: A Quasi-Experimental Study." *Annals of Internal Medicine* 160: 585–93. <https://www.ncbi.nlm.nih.gov/pubmed/24798521>.
- Sood, N., T. Shih, K. Van Nuys, and D. Goldman. 2017. "The Flow of Money through the Pharmaceutical Distribution System." Leonard Schaeffer Center for Health Policy and Economics, University of Southern California. [http://healthpolicy.usc.edu/documents/USC%20Schaeffer\\_Flow%20of%20Money\\_2017.pdf](http://healthpolicy.usc.edu/documents/USC%20Schaeffer_Flow%20of%20Money_2017.pdf).
- Stason, W., and M. Weinstein. 1985. "Cost-Effectiveness of Coronary Artery Bypass Surgery." In *Return to Work After Coronary Artery Bypass Surgery: Psychosocial and Economic Aspects*, edited by P. Walter. Berlin: Springer.
- Stencel, K. 2014. "The 340B Drug Discount Program." Health Affairs. <https://www.healthaffairs.org/doi/10.1377/hpb20141117.14335/full/>.
- Stewart, S., D. Cutler, and A. Rosen. 2009. "Forecasting the Effects of Obesity and Smoking on U.S. Life Expectancy." *New England Journal of Medicine* 361: 2252–60.
- Takaro, T., P. Peduzzi, K. Detre, H. Hultgren, M. Murphy, J. Van Der Bel-kahn, J. Thomsen, and W. Meadows. 1982. "Survival in Subgroups of Patients with left Main Coronary Artery Disease; Veterans Administration Cooperative Study of Surgery for Coronary Arterial Occlusive Disease." *Circulation* 66: 14–22.
- Terry, E. 2017. "Is Poor Health Hindering Economic Growth?" Federal Reserve Bank of Atlanta Macroblog. <http://economistsview.typepad.com/economistsview/2017/08/is-poor-health-hindering-economic-growth.html>.
- Toich, L. 2017. "Will Hepatitis C Virus Medication Costs Drop in the Years Ahead?" Pharmacy Times. <http://www.pharmacytimes.com/resource-centers/hepatitis/will-hepatitis-c-virus-medication-costs-drop-in-the-years-ahead>.
- Uberoi, N., K. Finegold, and E. Gee. 2016. "Health Insurance Coverage and the Affordable Care Act, 2010–2016." ASPE Office of Health Policy Issue Brief. <https://aspe.hhs.gov/system/files/pdf/187551/ACA2010-2016.pdf>.
- U.S. Department of Commerce. 2004. "Pharmaceutical Price Controls in OECD Countries: Implications for U.S. Consumers, Pricing, Research and Development, and Innovation." <https://www.trade.gov/td/health/DrugPricingStudy.pdf>.
- U.S. Department of Commerce, International Trade Administration. 2016. "Top Markets Report Pharmaceuticals: A Market Assessment Tool for U.S. Exporters." Note: Additional Business Monitor International sales data were provided to the CEA. [https://www.trade.gov/topmarkets/pdf/Pharmaceuticals\\_Top\\_Markets\\_Reports.pdf](https://www.trade.gov/topmarkets/pdf/Pharmaceuticals_Top_Markets_Reports.pdf).

- Vandervelde, A., and E. Blalock. 2017. “Measuring the Relative Size of the 340B Program: 2012–2017.” Berkley Research Group. [http://340breform.org/wp-content/uploads/2017/02/July-2017-BRG-White-Paper\\_Percent-of-Sales.pdf](http://340breform.org/wp-content/uploads/2017/02/July-2017-BRG-White-Paper_Percent-of-Sales.pdf).
- Vernon, J. 2003. “The Relationship between Price Regulation and Pharmaceutical Profit Margins.” *Applied Economics Letters* 10, no. 8: 467–70.
- Weinstein, M., and W. Stason. 1982. “Cost-Effectiveness of Coronary Artery Bypass Surgery.” National Institutes of Health. <https://www.ncbi.nlm.nih.gov/pubmed/6812979>.
- White, A., H. Birnbaum, D. Rothman, and N. Katz. 2009. “Development of a Budget-Impact Model to Quantify Potential Costs Savings from Prescription Opioids Designed to Deter Abuse or Ease of Extraction.” *Applied Health Economics and Health Policy* 7, no. 1: 61–70.
- White, A., H. Birnbaum, M. Mareva, M. Daher, S. Vallow, J. Schein, and N. Katz. 2005. “Direct Costs of Opioid Abuse in an Insured Population in the United States.” *Journal of Managed Care Pharmacy* 11, no. 6: 469–79.
- Woodcock, J. 2016. “Prioritizing Public Health: The FDA’s Role in the Generic Drug Marketplace.” U.S. Food and Drug Administration. <https://www.fda.gov/NewsEvents/Testimony/ucm522119.htm>.
- Xu, X., E. Bishop, S. Kennedy, S. Simpson, and T. Pechacek. 2015. “Annual Healthcare Spending Attributable to Smoking: An Update.” *American Journal of Preventative Medicine* 48, no. 3: 326–33. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4603661/pdf/nihms725583.pdf>.
- Zinberg, J. 2011. “When Patients Call, Will Physicians Respond?” *Journal of the American Medical Association* 305, no. 19: 2011–12.
- . 2015. “FDA May Hold the Key to Holding Down Drug Costs.” RealClearHealth. [https://www.realclearhealth.com/articles/2015/10/15/unclogging\\_andas\\_is\\_key\\_to\\_slowing\\_rx\\_inflation\\_109389.html](https://www.realclearhealth.com/articles/2015/10/15/unclogging_andas_is_key_to_slowing_rx_inflation_109389.html).
- . 2016. “Stop Overscreening for Cancer.” *City Journal*. <https://www.city-journal.org/html/stop-overscreening-cancer-14335.html>.

## Chapter 7

- Accenture. 2016. “Chief Supply Chain Officers.” [https://www.accenture.com/t20161216T015905Z\\_w\\_/us-en/\\_acnmedia/PDF-25/Accenture-Strategy-Supply-Chain-Cybersecurity-POV.pdf](https://www.accenture.com/t20161216T015905Z_w_/us-en/_acnmedia/PDF-25/Accenture-Strategy-Supply-Chain-Cybersecurity-POV.pdf).
- Allied Market Research. 2016. “Cyber Insurance Market to Reach \$14 Billion, Globally, by 2022.” <https://www.alliedmarketresearch.com/press-release/cyber-insurance-market.html>.
- American Bar Association. 2016. “Vendor Contracting Project: Cybersecurity Checklist.” [https://www.americanbar.org/content/dam/aba/images/law\\_national\\_security/Cybersecurity%20Task%20Force%20Vendor%20Contracting%20Checklist%20v%201%2010-17-2016%20cmb%20edits%20clean.pdf](https://www.americanbar.org/content/dam/aba/images/law_national_security/Cybersecurity%20Task%20Force%20Vendor%20Contracting%20Checklist%20v%201%2010-17-2016%20cmb%20edits%20clean.pdf).

- Anand, P. 2017. "How Vulnerable Are the U.S. Stock Markets to Hackers?" MarketWatch. <https://www.marketwatch.com/story/how-vulnerable-are-the-us-stock-markets-to-hackers-2015-07-31>.
- Anderson, R., C. Barton, R. Böhme, R. Clayton, M. van Eeten, M. Levi, T. Moore, and S. Savage. 2012. *Measuring the Cost of Cybercrime*. Papers from 11th Workshop on the Economics of Information Security, Berlin. [http://www.econinfosec.org/archive/weis2012/presentation/Moore\\_presentation\\_WEIS2012.pdf](http://www.econinfosec.org/archive/weis2012/presentation/Moore_presentation_WEIS2012.pdf).
- Black, P. 2016. "Dramatically Reducing Software Vulnerabilities: Report to OSTP." <https://www.nist.gov/publications/dramatically-reducing-software-vulnerabilities>.
- BLS (Bureau of Labor Statistics). 2017. "Occupational Outlook Handbook, Information Security Analysts." <https://www.bls.gov/ooh/computer-and-information-technology/information-security-analysts.htm#tab-6>.
- Böhme, R., N. Christin, B. Edelman, and T. Moore. 2015. "Bitcoin: Economics, Technology, and Governance." *Journal of Economic Perspectives* 29, no. 2: 213–38. <https://www.aeaweb.org/articles?id=10.1257/jep.29.2.213>.
- Bohnet, I. 2016. *What Works: Gender Equality by Design*. Cambridge, MA: Belknap Press.
- Bossert, T. 2017. "It's Official: North Korea Is Behind WannaCry." Op-ed, *Wall Street Journal*, December 18.
- Burning Glass Technologies. 2015. "Job Market Intelligence: Cybersecurity Jobs, 2015." [http://burning-glass.com/wp-content/uploads/Cybersecurity\\_Jobs\\_Report\\_2015.pdf](http://burning-glass.com/wp-content/uploads/Cybersecurity_Jobs_Report_2015.pdf).
- Capaccio, A. 2017. "F-35 Program Costs Jump to \$406.5 Billion in Latest Estimate." Bloomberg News, July 10. <https://www.bloomberg.com/news/articles/2017-07-10/f-35-program-costs-jump-to-406-billion-in-new-pentagon-estimate>.
- Carrell, S., M. Page, and J. West. 2010. "Sex and Science: How Professor Gender Perpetuates the Gender Gap." *Quarterly Journal of Economics* 125, no. 3: 1101–44. <http://www.nber.org/papers/w14959>.
- CEA (Council of Economic Advisers). 2018. "The Cost of Cyber-Crime to the U.S. Economy."
- Center for Cyber Safety and Education. 2017. "Global Information Security Workforce Study: Women in Cybersecurity." <https://www.pwc.com/us/en/cybersecurity/women-in-cybersecurity.html>.
- Center for Digital Government. 2014. "Advanced Cyber Threats in State and Local Government." <http://www.nascio.org/events/sponsors/vrc/Advanced%20Cyber%20Threats%20in%20State%20and%20Local%20Government.pdf>.
- Center for Strategic and International Studies. 2014. "Net Losses: Estimating the Global Cost of Cybercrime." June.
- Chang, J. 2013. "The Dark Cloud of Convenience: How the HIPAA Omnibus Rules Fail to Protect Electronic Personal Health Information." *Loyola University of Los Angeles Entertainment Law Review* 34, no. 2: 119–54.

- Cichonski, P., T. Millar, T. Grance, and K. Scarfone. 2012. *Computer Security Incident Handling Guide: Recommendations of the National Institute of Standards and Technology*. Special Publication 800-61. <https://csrc.nist.gov/publications/detail/sp/800-61/rev-2/final>.
- CNBC. 2017. "Big Changes Coming for Credit Firms in Wake of Equifax Hack, CFPB Director Says." <https://www.cnbc.com/2017/09/27/big-changes-coming-for-credit-firms-in-wake-of-equifax-hack-cfpb-director-says.html>.
- Code.org. 2016. "Nine Policy Ideas to Make Computer Science Fundamental to K-12 Education." [https://code.org/files/Making\\_CS\\_Fundamental.pdf](https://code.org/files/Making_CS_Fundamental.pdf).
- Commission on the Theft of Intellectual Property. 2017. *The IP Commission Report*. [http://www.ipcommission.org/report/ip\\_commission\\_report\\_052213.pdf](http://www.ipcommission.org/report/ip_commission_report_052213.pdf).
- CRS (Congressional Research Service). 2015. "U.S.–China Cyber Agreement." October 16. <https://fas.org/sgp/crs/row/IN10376.pdf>.
- CSO. 2017. "Know Your Enemy: Understanding Threat Actors." <https://www.csoonline.com/article/3203804/security/know-your-enemy-understanding-threat-actors.html>.
- CUNA (Credit Union National Association). 2014. "Home Depot Breach Cost CUs Nearly Double Those from Target." October 30. [http://news.cuna.org/articles/Home\\_Depot\\_breach\\_cost\\_CUs\\_nearly\\_double\\_those\\_from\\_Target](http://news.cuna.org/articles/Home_Depot_breach_cost_CUs_nearly_double_those_from_Target).
- DARPA (Defense Advanced Research Projects Agency). 2015. "Breakthrough Technologies for National Security." <https://www.darpa.mil/attachments/DARPA2015.pdf>.
- . 2017. "Department of Defense FY 2018 Budget Estimates." [https://www.darpa.mil/attachments/DARPA\\_FY18\\_Presidents\\_Budget\\_Request.pdf](https://www.darpa.mil/attachments/DARPA_FY18_Presidents_Budget_Request.pdf).
- Deloitte. 2013. "DdoS Attacks on U.S. Banks: Worst Yet to Come?" <http://deloitte.wsj.com/cio/2013/02/19/ddos-attacks-on-u-s-banks-more-devastating-assault-to-come/>.
- Department of the Treasury. 2017. "G-7 Finance Ministers and Central Governors Release Cyber Security Report." <https://www.treasury.gov/press-center/press-releases/Pages/sm0179.aspx>.
- DHS (Department of Homeland Security). 2016a. "Automated Indicator Sharing (AIS) Program." <https://www.dhs.gov/ais>.
- . 2016b. "Information Sharing and Analysis Organizations (ISAOs)." <https://www.dhs.gov/isao>.
- . 2017a. "Stop.Think.Connect." <https://www.dhs.gov/stopthinkconnect#.https://www.dhs.gov/stopthinkconnect#>.
- . 2017b. "Critical Infrastructure Sectors." <https://www.dhs.gov/critical-infrastructure-sectors>.
- . 2017c. "DHS Statement on the Issuance of Binding Operational Directive 17-01." <https://www.dhs.gov/news/2017/09/13/dhs-statement-issuance-binding-operational-directive-17-01>.

- . 2017d. “National Cybersecurity Workforce Framework.” <https://niccs.us-cert.gov/>.
- DNI (Office of the Director of National Intelligence). 2013. “Worldwide Threat Assessment of the U.S. Intelligence Community.” [https://www.dni.gov/files/documents/Intelligence%20Reports/UNCLASS\\_2013%20ATA%20SFR%20FINAL%20for%20SASC%2018%20Apr%202013.pdf](https://www.dni.gov/files/documents/Intelligence%20Reports/UNCLASS_2013%20ATA%20SFR%20FINAL%20for%20SASC%2018%20Apr%202013.pdf).
- . 2017. “Worldwide Threat Assessment of the U.S. Intelligence Community.” <https://www.dni.gov/files/documents/Newsroom/Testimonies/SSCI%20Unclassified%20SFR%20-%20Final.pdf>.
- DOD (U.S. Department of Defense). 2015a. “The Department of Defense Cyber Strategy.” [https://www.defense.gov/Portals/1/features/2015/0415\\_cyber-strategy/Final\\_2015\\_DoD\\_CYBER\\_STRATEGY\\_for\\_web.pdf](https://www.defense.gov/Portals/1/features/2015/0415_cyber-strategy/Final_2015_DoD_CYBER_STRATEGY_for_web.pdf).
- . 2015b. “What Is Security Analysis? DOD Program Manager’s Guidebook for Integrating the Cybersecurity Risk Management Framework into the System Acquisition Lifecycle.” <https://www.dau.mil/tools/Lists/DAUTools/Attachments/37/DoD%20-%20Guidebook,%20Cybersecurity%20Risk%20Management%20Framework,%20v1.08,%20Sep%202015.pdf>.
- . 2015c. “Selected Acquisition Report (SAR) F-35 Joint Strike Fighter Aircraft.” <https://breakingdefense.com/wp-content/uploads/sites/3/2014/04/F-35-2013-SAR.pdf>.
- DOE (U.S. Department of Energy). 2017. “Electric Disturbance Events (OE-47) Annual Summaries.” [https://www.oe.netl.doe.gov/OE417\\_annual\\_summary.aspx](https://www.oe.netl.doe.gov/OE417_annual_summary.aspx).
- DOJ (U.S. Department of Justice). 2014. “U.S. Charges Five Chinese Military Hackers for Cyber Espionage Against U.S. Corporations and a Labor Organization for Commercial Advantage.” <https://www.justice.gov/opa/pr/us-charges-five-chinese-military-hackers-cyber-espionage-against-us-corporations-and-labor>.
- . 2016a. “Computer Hacking Conspiracy Charges Unsealed Against Members of Syrian Electronic Army.” <https://www.justice.gov/opa/pr/computer-hacking-conspiracy-charges-unsealed-against-members-syrian-electronic-army>.
- . 2016b. “Seven Iranians Working for Islamic Revolutionary Guard Corps-Affiliated Entities Charged for Conducting Coordinated Campaign of Cyber Attacks Against U.S. Financial Sector.” <https://www.justice.gov/opa/pr/seven-iranians-working-islamic-revolutionary-guard-corps-affiliated-entities-charged>.
- . 2016c. “Chinese National Pleads Guilty to Conspiring to Hack into U.S. Defense Contractors’ Systems to Steal Sensitive Military Information.” <https://www.justice.gov/opa/pr/chinese-national-pleads-guilty-conspiring-hack-us-defense-contractors-systems-steal-sensitive>.
- . 2017a. “Justice Department Announces Actions to Dismantle Kelihos Botnet.” <https://www.justice.gov/opa/pr/justice-department-announces-actions-dismantle-kelihos-botnet-0>.

- . 2017b. “Russian National and Bitcoin Exchange Charged in 21-Count Indictment for Operating Alleged International Money Laundering Scheme and Allegedly Laundering Funds from Hack of Mt. Gox.” <https://www.justice.gov/usao-ndca/pr/russian-national-and-bitcoin-exchange-charged-21-count-indictment-operating-alleged>.
- DOL (U.S. Department of Labor). 2017. “Women in the Labor Force.” [https://www.dol.gov/wb/stats/NEWSTATS/facts/women\\_lf.htm#one](https://www.dol.gov/wb/stats/NEWSTATS/facts/women_lf.htm#one).
- Domm, P. 2013. “False Rumor of Explosion at White House Causes Stocks to Briefly Plunge; AP Confirms Its Twitter Feed Was Hacked.” *Market Insider*, CNBC, April 23. <https://www.cnbc.com/id/100646197>.
- Dyn. 2016. “Dyn Statement on 10/21/2016 DDoS Attack.” October 22. <https://dyn.com/blog/dyn-statement-on-10212016-ddos-attack/>.
- Elkind, P. 2015. “The Cyber Bomb is Detonated.” <http://fortune.com/sony-hack-final-part/>.
- Equifax. 2017a. “Equifax Announces Cybersecurity Incident Involving Consumer Information.” September 7. <https://investor.equifax.com/news-and-events/news/2017/09-07-2017-213000628>.
- . 2017b. “Equifax Releases Details on Cybersecurity Incident, Announces Personnel Changes.” September 15. <https://investor.equifax.com/news-and-events/news/2017/09-15-2017-224018832>.
- . 2017c. “Equifax Board Releases Findings of Special Committee Regarding Stock Sale by Executives.” November 3. <https://investor.equifax.com/news-and-events/news/2017/11-03-2017-124511096>.
- EY (Ernst & Young). 2014. “Get Ahead of Cybercrime: EY’s Global Information Security Survey 2014.” [http://www.ey.com/Publication/vwLUAssets/EY-global-information-security-survey-2014/\\$FILE/EY-global-information-security-survey-2014.pdf](http://www.ey.com/Publication/vwLUAssets/EY-global-information-security-survey-2014/$FILE/EY-global-information-security-survey-2014.pdf).
- FBI (Federal Bureau of Investigation). 2014. “Update on Sony Investigation.” <https://www.fbi.gov/news/pressrel/press-releases/update-on-sony-investigation>.
- . 2017a. “Intellectual Property Theft / Piracy.” <https://www.fbi.gov/investigate/white-collar-crime/piracy-ip-theft>.
- . 2017b. “Cybercrime.” <https://www.fbi.gov/investigate/cyber>.
- . 2017c. “Cyber Threat Bulletins.” <http://www.iacpcenter.org/resource-center/cyber-threat-bulletins/>.
- Ferraro, M. 2014. “‘Groundbreaking’ or Broken? An Analysis of SEC Cyber-Security Disclosure Guidance, Its Effectiveness, and Implications.” *Albany Law Review* 77: 297–347.
- Finkle, J. “Exclusive: FBI Warns of ‘Destructive’ Malware in Wake of Sony Attack.” Reuters. <https://www.reuters.com/article/us-sony-cybersecurity-malware/exclusive-fbi-warns-of-destructive-malware-in-wake-of-sony-attack-idUSKCN0JF3FE20141202>.
- FireEye. 2017. “Services.” <https://www.fireeye.com/services.html>.

- FSB (Financial Stability Board). 2017. "FSB Publishes Stocktake on Cybersecurity Regulatory and Supervisory Practices." <http://www.fsb.org/wp-content/uploads/R131017.pdf>.
- FSSCC (Financial Sector Coordinating Council). 2017. "Automated Cybersecurity Assessment Tool." [https://www.fsscc.org/files/galleries/FSSCC\\_ACAT\\_November\\_2015\\_V1\\_0\\_TLP\\_WHITE.xlsx](https://www.fsscc.org/files/galleries/FSSCC_ACAT_November_2015_V1_0_TLP_WHITE.xlsx).
- Gallup. 2016. "Trends in the State of Computer Science in U.S. K-12 Schools." Report by Gallup and Google. <http://services.google.com/fh/files/misc/trends-in-the-state-of-computer-science-report.pdf>.
- GAO (Government Accountability Office). 2017. "Cybersecurity Actions Needed to Strengthen U.S. Capabilities." <https://www.gao.gov/assets/690/682756.pdf>.
- GDPR (General Data Protection Regulation). 2017. "GDPR Key Changes." GDPR Portal of the European Union. <https://www.eugdpr.org/key-changes.html>.
- German Federal Ministry for Economic Affairs and Energy. 2017. "G20 Digital Economy Ministerial Conference." <http://www.g20.utoronto.ca/2017/g20-digital-economy-ministerial-declaration-english-version.pdf>.
- Gordon, L., M. Loeb, W. Lucyshyn, and T. Sohail. 2006. "The Impact of the Sarbanes-Oxley Act on the Corporate Disclosures of Information Security Activities." *Journal of Accounting and Public Policy* 25: 503–30.
- Gordon, L., M. Loeb, W. Lucyshyn, and L. Zhou. 2015. "Externalities and the Magnitude of Cyber Security Underinvestment by Private Sector Firms: A Modification of the Gordon-Loeb Model." *Journal of Information Security* 6: 24–30.
- Gregory, H. 2014. "SEC Review of Disclosure Effectiveness." *Practical Law*, June, 28–31. [https://uk.practicallaw.thomsonreuters.com/4-569-1311?\\_\\_lrTS=20170406163135283](https://uk.practicallaw.thomsonreuters.com/4-569-1311?__lrTS=20170406163135283).
- Hilary, G., B. Segal, and M. Zhang. 2016. "Cyber-Risk Disclosure: Who Cares?" Georgetown University McDonough School of Business Working Paper. <https://corp.gov.law.harvard.edu/2016/11/15/cyber-risk-disclosure-who-cares/>.
- Home Depot. 2014a. "The Home Depot Completes Malware Elimination and Enhanced Encryption of Payment Data in All U.S. Stores." <http://ir.homedepot.com/news-releases/2014/09-18-2014-014517752>.
- . 2014b. "The Home Depot Reports Findings in Payment Data Breach Investigation." <http://ir.homedepot.com/news-releases/2014/11-06-2014-014517315>.
- . 2017. "2016 Annual Report." <http://ir.homedepot.com/~media/Files/H/HomeDepot-IR/reports-and-presentations/annual-reports/annual-report-2016.pdf>.
- Hughes, B., D. Bohl, M. Ifran, E. Margolese-Malin, and J. Solórzano. 2017. "ICT/Cyber Benefits and Costs: Reconciling Competing Perspectives on the Current and Future Balance." *Technological Forecasting and Social Change* 115: 117–30. <https://www.sciencedirect.com/science/article/pii/S0040162516303560>.

- Ignatius, A. 2015. “They Burned the House Down’: An Interview with Michael Lynton.” <https://hbr.org/2015/07/they-burned-the-house-down>.
- International Chamber of Commerce. 2011. “Estimating the Global Economic and Social Impacts of Counterfeiting and Piracy.” <https://cdn.iccwbo.org/content/uploads/sites/3/2016/11/ICC-BASCAP-Global-Impacts-Full-Report-2011.pdf>.
- Irani, E., M. Kassianidou, and L. Roberts. 2002. “Encouraging Women in Computer Science.” *SIGCSE Bulletin* (Special Interest Group on Computer Science Education), June.
- Isaac, M., K. Benner, and S. Frenkel. 2017. “Uber Hid 2016 Breach, Paying Hackers to Delete Stolen Data.” *New York Times*, November 21. <https://www.nytimes.com/2017/11/21/technology/uber-hack.html>.
- Jin, J. 2015. “Cybersecurity Disclosure Effectiveness on Public Companies.” James Madison University senior honors thesis.
- Koch, D. 2017. “Is the HIPAA Security Rule Enough to Protect Electronic Personal Health Information (PHI) in the Cyber Age?” *Journal of Health Care Finance* 43, no. 3: 1–32.
- Kocialkowski, P. 2014. “Replicant Developers Find and Close Samsung Galaxy Backdoor.” Free Software Foundation, March 12. <https://www.fsf.org/blogs/community/replicant-developers-find-and-close-samsung-galaxy-backdoor>.
- Krebs on Security. 2016. “Hacked Cameras, DVRs Powered Today’s Massive Internet Outage.” October. <https://krebsonsecurity.com/2016/10/hacked-cameras-dvrs-powered-todays-massive-internet-outage/>.
- Kvochko, E., and R. Pant. 2015. “Why Data Breaches Don’t Hurt Stock Prices.” *Harvard Business Review*, March 31. <https://hbr.org/2015/03/why-data-breaches-dont-hurt-stock-prices>.
- Lloyd’s of London. 2015. “Business Blackout: The Insurance Implications of a Cyber-Attack on the U.S. Power Grid.” University of Cambridge Centre for Risk Studies. <https://www.lloyds.com/~media/files/news%20and%20insight/risk%20insight/2015/business%20blackout/business%20blackout20150708.pdf>.
- . 2017. “Counting the Cost: Cyber Exposure Decoded.” <https://www.lloyds.com/news-and-insight/risk-insight/library/technology/countingthecost>.
- Lema, K. 2017. “Bangladesh Bank Heist Was ‘State-Sponsored’: U.S. Official.” Reuters. <https://www.reuters.com/article/us-cyber-heist-philippines/bangladesh-bank-heist-was-state-sponsored-u-s-official-idUSKBN1700TI>.
- Maryland Department of Commerce. 2017. “Cybersecurity Investment Incentive Tax Credit (CIITC).” <http://commerce.maryland.gov/fund/programs-for-businesses/cyber-tax-credit>.
- McAfee. 2014. “Stopping Cybercrime Can Positively Impact World Economies.” Report by McAfee and Center for Strategic and International Studies. <https://www.mcafee.com/us/about/news/2014/q2/20140609-01.aspx>.

- . 2016. “Hacking the Skills Shortage.” Report by McAfee and Center for Strategic International Studies. <https://www.mcafee.com/us/resources/reports/rp-hacking-skills-shortage.pdf>.
- . 2017. “McAfee Labs 2017 Threat Predictions Report.” <https://www.mcafee.com/us/resources/reports/rp-threats-predictions-2017.pdf>.
- MIT (Massachusetts Institute of Technology). 2015. “MIT Experts United to Combat Cyber Crime.” Spectrum Paper. <https://spectrum.mit.edu/continuum/mit-experts-unite-to-combat-cyber-crime/>.
- Mitchell, M, and E. Stafford. 2000. “Managerial Decisions and Long-Term Stock Price Performance.” *Journal of Business* 73, no. 3, 282–329.
- Moore, T. 2016. “Identifying How Firms Manage Cybersecurity Investment.” <https://tylermoore.utulsa.edu/weis16ciso.pdf>.
- Morgan Stanley. 2016. “Cybersecurity: Time for a Paradigm Shift.” Morgan Stanley Research Paper, June. <http://www.morganstanley.com/ideas/cybersecurity-needs-new-paradigm>.
- NAIC (National Association of Insurance Commissioners). 2017. “The National System of State Regulation and Cybersecurity.” [http://www.naic.org/cipr\\_topics/topic\\_cyber\\_risk.htm](http://www.naic.org/cipr_topics/topic_cyber_risk.htm).
- Nakamoto, S. 2008. “Bitcoin: A Peer-to-Peer Electronic Cash System.” <https://bitcoin.org/bitcoin.pdf>.
- Naked Security. 2015. “Target Settles with Banks for \$39 Million After Epic Data Breach.” December 4. [https://nakedsecurity.sophos.com/2015/12/04/target-settles-with-banks-for-39-million-after-epic-data-breach/?utm\\_source=Naked+Security+-+Sophos+List&utm\\_campaign=648df23e9b-naked%252Bsecurity&utm\\_medium=email&utm\\_term=0\\_31623bb782-648df23e9b-455115473](https://nakedsecurity.sophos.com/2015/12/04/target-settles-with-banks-for-39-million-after-epic-data-breach/?utm_source=Naked+Security+-+Sophos+List&utm_campaign=648df23e9b-naked%252Bsecurity&utm_medium=email&utm_term=0_31623bb782-648df23e9b-455115473).
- Nasdaq. 2016. “Cybersecurity: Industry Report & Investment Case.” [https://indexes.nasdaqomx.com/docs/NQCYBR\\_Research.pdf](https://indexes.nasdaqomx.com/docs/NQCYBR_Research.pdf).
- . 2017. “Equifax Panel Clears Executives of Insider Trading but DOJ Probe Looms.” November 3. <http://www.nasdaq.com/article/equifax-panel-clears-executives-of-insider-trading-but-doj-probe-looms-cm871306>.
- National Conference of State Legislatures. 2017. “Security Breach Notification Laws.” April 12, 2017.
- National Council of ISACs. 2017. “About ISACs.” <https://www.nationalisacs.org>.
- National Small Business Association. 2015. *Year-End Economic Report*. <http://www.nsba.biz/wp-content/uploads/2016/02/Year-End-Economic-Report-2015.pdf>.
- NCES (National Center for Education Statistics). 2016. “2016 Digest Tables.” [https://nces.ed.gov/programs/digest/2016menu\\_tables.asp](https://nces.ed.gov/programs/digest/2016menu_tables.asp).
- Neuhierl, A., A. Scherbina, and B. Schlusche. 2013. “Market Reaction to Corporate Press Releases.” *Journal of Financial and Quantitative Analysis* 48, no. 4.

- Newcomer, E. 2017. "Uber Paid Hackers to Delete Stolen Data on 57 Million People." Bloomberg. <https://www.bloomberg.com/news/articles/2017-11-21/uber-concealed-cyberattack-that-exposed-57-million-people-s-data>.
- New York State Office of the Attorney General. 2016. "A.G. Schneiderman Announces Settlement with Uber to Enhance Rider Privacy." <https://ag.ny.gov/press-release/ag-schneiderman-announces-settlement-uber-enhance-rider-privacy>.
- NFAP (National Foundation for American Policy). 2017. "The Importance of International Students to American Science and Engineering." NAFP Policy Brief. <http://nfap.com/wp-content/uploads/2017/10/The-Importance-of-International-Students.NFAP-Policy-Brief.October-20171.pdf>.
- 9/11 Commission (National Commission on Terrorist Attacks Upon the United States). 2004. *9/11 Commission Report*. <https://www.gpo.gov/fdsys/pkg/GPO-911REPORT/pdf/GPO-911REPORT.pdf>.
- NIST (National Institute of Standards and Technology). 2012. "Computer Security Incident Handling Guide." <http://nvlpubs.nist.gov/nistpubs/SpecialPublications/NIST.SP.800-61r2.pdf>.
- . 2016. "Dramatically Reducing Software Vulnerabilities." Department of Commerce, NISTIR 8151, November. <http://nvlpubs.nist.gov/nistpubs/ir/2016/NIST.IR.8151.pdf>.
- . 2017a. "Cybersecurity Framework." <https://www.nist.gov/cyberframework>.
- . 2017b. "Cybersecurity Risk Management." [http://www.g7italy.it/sites/default/files/documents/Session\\_3\\_Adam\\_Sedgewick.pdf](http://www.g7italy.it/sites/default/files/documents/Session_3_Adam_Sedgewick.pdf).
- . 2018. "Cyber Supply Chain Risk Management." <https://csrc.nist.gov/Projects/Supply-Chain-Risk-Management>.
- Novetta Solutions. "Novetta Exposes Depth of Sony Pictures Attack." <https://www.novetta.com/2016/02/novetta-exposes-depth-of-sony-pictures-attack/>.
- NSF (National Science Foundation). 2017. "Data Tables: Women, Minorities, and Persons with Disabilities in Science and Engineering."
- OMB (Office of Budget and Management). 2017. "Fiscal Year 2017 Budget." <https://obamawhitehouse.archives.gov/omb/budget/Overview>.
- OPM (Office of Personnel Management). 2015. "Statement by OPM Press Secretary Sam Schumach on Background Investigations Incident." <https://www.opm.gov/news/releases/2015/09/cyber-statement-923/>.
- OryxAlign. 2015. "An Insight into IT Service Delivery: Traditional Break-Fix vs. A Managed Service." May.
- OWASP (Open Web Application Security Project). 2006. "OWASP 10 Most Common Backdoors." [https://www.owasp.org/index.php/File:OWASP\\_10\\_Most\\_Common\\_Backdoors.pdf](https://www.owasp.org/index.php/File:OWASP_10_Most_Common_Backdoors.pdf).
- . 2014. "CISO Survey and Report 2013." <https://www.owasp.org/images/2/28/Owasp-ciso-report-2013-1.0.pdf>.

- Patterson Belknap. 2017. "Home Depot Settles with Financial Institutions for Over 25 Million in Data Breach Case." <https://www.pbwt.com/data-security-law-blog/home-depot-settles-with-financial-institutions-for-over-25-million-in-data-breach-case>.
- Ponemon Institute. 2014. "Cost of Data Breach Study: Global Analysis." [https://www-935.ibm.com/services/multimedia/SEL03027USEN\\_Poneman\\_2014\\_Cost\\_of\\_Data\\_Breach\\_Study.pdf](https://www-935.ibm.com/services/multimedia/SEL03027USEN_Poneman_2014_Cost_of_Data_Breach_Study.pdf).
- . 2016. "2016 Cost of Cyber Crime Study and the Risk of Business Innovation." <https://www.ponemon.org/local/upload/file/2016%20HPE%20CCC%20GLOBAL%20REPORT%20FINAL%203.pdf>.
- . 2017a. "Cost of Cybercrime Study." <https://www.ponemon.org/library/2017-cost-of-cyber-crime-study>.
- . 2017b. "Global Cyber Risk Transfer Comparison Report." <http://www.aon.com/forms/2017/2017-north-america-cyber-risk-transfer-comparison-report.jsp>.
- Project Zero. 2018. "Reading Privileged Memory with a Side-Channel." Google, January 3. <https://googleprojectzero.blogspot.com/2018/01/reading-privileged-memory-with-side.html>.
- PwC (PricewaterhouseCoopers). 2014. "Managing Cyber Risks in an Interconnected World." September.
- . 2017. "Operation Cloud Hopper." April.
- Reuters. 2017a. "Security Firms Warn of New Cyber Threat to Electric Grid." <https://www.reuters.com/article/cyber-attack-utilities/security-firms-warn-of-new-cyber-threat-to-electric-grid-idUSL1N1J61JK>.
- . 2017b. "Softbank Succeeds in Tender Offer for Uber Shares." December 28. <https://www.reuters.com/article/us-uber-softbank-tender/softbank-succeeds-in-tender-offer-for-uber-shares-idUSKBN1EM1NB>.
- Richwine, L., and J. Finkle. 2014. "Group Claiming Sony Hack Demands 'Interview' Not Be Released." Reuters. <https://www.reuters.com/article/us-sony-cybersecurity-hackers/group-claiming-sony-hack-demands-interview-not-be-released-idUSKBN0JM2IS20141209>.
- Roberts, E. 1999. "Conserving the Seed Corn: Reflections on the Academic Hiring Crisis." *SIGCSE Bulletin* (Special Interest Group on Computer Science Education), December.
- Romanosky, S. 2016. "Examining the Costs and Causes of Cyber Incidents." *Journal of Cybersecurity* 2, no. 2: 121–35.
- Romanosky, S., L. Ablon, A. Kuehn, and T. Jones. 2017. "Content Analysis of Cyber Insurance Policies: How Do Carriers Write Policies and Price Cyber Risk?" [http://weis2017.econinfosec.org/wp-content/uploads/sites/3/2017/06/WEIS\\_2017\\_paper\\_28.pdf](http://weis2017.econinfosec.org/wp-content/uploads/sites/3/2017/06/WEIS_2017_paper_28.pdf).
- Scherbina, A. 2008. "Suppressed Negative Information and Future Underperformance." *Review of Finance* 12, no. 3: 533–65.

- Scherbina, A., and B. Schlusche. 2015. "Economic Linkages Inferred from News Stories and the Predictability of Stock Returns." Working paper. [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2363436](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2363436).
- Scott, J., and D. Spaniel. 2016. "Rise of the Machines." <http://icitech.org/wp-content/uploads/2016/12/ICIT-Brief-Rise-of-the-Machines.pdf>.
- SEC (U.S. Securities and Exchange Commission). 2017. "Target Corporation, Form 10-K." <https://www.sec.gov/Archives/edgar/data/27419/000002741917000008/tgt-20170128x10k.htm>.
- Security Scorecard. 2017. "2017 U.S. State and Federal Government Cybersecurity Research Report." <https://explore.securityscorecard.com/us-government-cybersecurity-report.html>.
- Shor, P. 1997. "Polynomial-Time Algorithms for Prime Factorization and Discrete Logarithms on a Quantum Computer." *SIAM Journal on Computing* (Society for Industrial and Applied Mathematics) 26: 1484–1509.
- SolarWorld. 2017. "SolarWorld Americas Expects Immediate Infusion of Cash to Lift Up U.S. Operations." July 12. <https://www.solarworld-usa.com/newsroom/news-releases/news/2017/solarworld-americas-expects-immediate-infusion-of-cash>.
- Sony Corporation. 2014. "United States Securities and Exchange Commission Form 20-F." [https://www.sony.net/SonyInfo/IR/library/FY2013\\_20F\\_PDF.pdf](https://www.sony.net/SonyInfo/IR/library/FY2013_20F_PDF.pdf).
- . 2015. "Consolidated Financial Results for the Fiscal Year Ended March 31, 2015." [https://www.sony.net/SonyInfo/IR/library/fr/14q4\\_sony.pdf](https://www.sony.net/SonyInfo/IR/library/fr/14q4_sony.pdf).
- Steitz, C. 2017. "German Sun King's SolarWorld to File for Insolvency." Reuters, May 10. <https://www.reuters.com/article/us-solarworld-bankruptcy/german-sun-kings-solarworld-to-file-for-insolvency-idUSKBN1862MN>.
- Stelter, B. 2014. "Sony Will Release *The Interview* at Limited Number of Theaters on Christmas." *Money Magazine Online*, December 23. <http://money.cnn.com/2014/12/23/media/screening-the-interview/index.html>.
- Subcommittee on Oversight. 2017. "Hearing on Bolstering the Government's Cybersecurity: Assessing the Risk of Kaspersky Lab Products to the Federal Government." Committee on Science, Space, and Technology. <https://science.house.gov/legislation/hearings/bolstering-government-s-cybersecurity-assessing-risk-kaspersky-lab-products>.
- Tapscott, D., and A. Tapscott. 2016. *Blockchain Revolution: How the Technology Behind Bitcoin Is Changing Money, Business, and the World*. New York: Penguin.
- Target. 2014. "Financial News Release." April 29. <http://investors.target.com/phoenix.zhtml?c=65828&p=irol-newsArticle&ID=1923423>.
- . 2017. "2016 Annual Report." [https://corporate.target.com/\\_media/TargetCorp/annualreports/2016/pdfs/Target-2016-Annual-Report.pdf](https://corporate.target.com/_media/TargetCorp/annualreports/2016/pdfs/Target-2016-Annual-Report.pdf).
- Tofan, D. 2016. "The Cost of Incidents Affecting CIIs: European Union Agency for Network and Information Security." <https://www.enisa.europa.eu/publications/...cost-of-incidents-affecting-ciis/at.../fullRep...>

- TruSight. 2017. "American Express, Bank of America, JPMorgan Chase and Wells Fargo Form Industry Consortium to Transform Third-Party Risk Management." [https://trusightsolutions.com/sites/all/themes/nxtpm/assets/TruSight\\_Launch\\_Press\\_Release.pdf](https://trusightsolutions.com/sites/all/themes/nxtpm/assets/TruSight_Launch_Press_Release.pdf).
- United States v. Wang Dong*. 2014. U.S. Western District of Pennsylvania.
- U.S. Census Bureau. 2013. "Census Bureau Reports Women's Employment in Science, Tech, Engineering and Math Jobs Slowing as Their Share of Computer Employment Falls." <https://www.census.gov/newsroom/press-releases/2013/cb13-162.html>.
- U.S. Congress. 2017a. "S.536 Cybersecurity Disclosure Act of 2017." <https://www.congress.gov/bill/115th-congress/senate-bill/536/text>.
- . 2017b. "Cybersecurity and Infrastructure Security Agency Act of 2017." <https://www.congress.gov/congressional-record/2017/12/12/extensions-of-remarks-section/article/E1689-5>.
- U.S. Department of Education. 2016. "2013–14 Civil Rights Data Collection: A First Look." <https://www2.ed.gov/about/offices/list/ocr/docs/2013-14-first-look.pdf>.
- U.S. Department of Commerce. 2017. "FY 2018 Budget in Brief." <http://www.osec.doc.gov/bmi/budget/FY18BIB/All508.pdf>.
- U.S. Election Assistance Commission. 2017. "Starting Point. U.S. Election Systems as Critical Infrastructure." [https://www.eac.gov/assets/1/6/starting\\_point\\_us\\_election\\_systems\\_as\\_Critical\\_Infrastructure.pdf](https://www.eac.gov/assets/1/6/starting_point_us_election_systems_as_Critical_Infrastructure.pdf).
- USTR (Office of the U.S. Trade Representative). 2017. "Section 301 Investigation and Hearing: China's Acts, Policies, and Practices Related to Technology Transfer, Intellectual Property, and Innovation." October 10.
- Verizon. 2015. "2015 Data Breach Investigations Report." [https://iapp.org/media/pdf/resource\\_center/Verizon\\_data-breach-investigation-report-2015.pdf](https://iapp.org/media/pdf/resource_center/Verizon_data-breach-investigation-report-2015.pdf).
- Vilner, T., and E. Zur. 2006. "Once She Makes It, She Is There: Gender Differences in Computer Science Study." <https://pdfs.semanticscholar.org/b30f/b5fac6e90fe7db7840119cf3d576f16522be.pdf>.
- Wall Street Journal*. 2014. "China's Cyber-Theft Jet Fighter; The New Stealth J-31 Is Modeled on the U.S. F-35." <https://search.proquest.com/docview/1622947713/3FBEE0B0F08B4601PQ/1?accountid=45205>.
- Wang, J., H. Hong, J. Ravitz, and M. Ivory. 2015. "Gender Differences in Factors Influencing Pursuit of Computer Science and Related Fields." Paper presented at 20th Association for Computing Machinery Conference on Innovation and Technology in Computer Science Education. <https://pdfs.semanticscholar.org/b807/766dd5e817d758aa422561693e70a298fadc.pdf>.
- . 2017. "2017 Data Breach Investigations Report." [http://www.verizonenterprise.com/resources/reports/rp\\_DBIR\\_2017\\_Report\\_en\\_xg.pdf](http://www.verizonenterprise.com/resources/reports/rp_DBIR_2017_Report_en_xg.pdf).
- Weisgerber, M. 2015. "China's Copycat Jet Raises Questions About F-35." <http://www.defenseone.com/threats/2015/09/more-questions-f-35-after-new-specs-chinas-copycat/121859/>.

- White House. 2013. “Presidential Policy Directive: Critical Infrastructure Security and Resilience.” <https://obamawhitehouse.archives.gov/the-press-office/2013/02/12/presidential-policy-directive-critical-infrastructure-security-and-resil>.
- . 2015. “President Xi Jin Ping’s Visit to the United States.” Fact Sheet, September 9. <https://obamawhitehouse.archives.gov/the-press-office/2015/09/25/fact-sheet-president-xi-jinpings-state-visit-united-states>.
- . 2017a. “Ivanka Trump Promotes Access to High-Quality Coding and Computer Science Education Programs.” <https://www.whitehouse.gov/articles/ivanka-trump-promotes-access-high-quality-coding-computer-science-education-programs/>.
- . 2017b. “Presidential Executive Order on Strengthening the Cybersecurity of Federal Networks and Critical Infrastructure.” <https://www.whitehouse.gov/the-press-office/2017/05/11/presidential-executive-order-strengthening-cybersecurity-federal>.
- Wired. 2015. “SEC Report Shows the Supply Chain Is More Like an Attack Chain.” <http://insights.wired.com/profiles/blogs/new-sec-report-shows-supply-chain-is-more-like-attack-chain#axzz4x6ZXsfBF>.

## Chapter 8

- Andrews, D., C. Criscuolo, and P. Gal. 2016. *The Global Productivity Slowdown, Technology Divergence and Public Policy: A Firm-Level Perspective*. Hutchins Center Working Paper 24. Washington: Brookings Institution.
- BIS (Bank for International Settlements). 2010. “Guidance for National Authorities Operating the Countercyclical Capital Buffer.” <https://www.bis.org/publ/bcbs187.pdf>.
- Bordo, M., and J. Haubrich. 2017. “Deep Recessions, Fast Recoveries, and Financial Crises: Evidence from the American Record.” *Economic Inquiry* 55: 527–41.
- Branstetter, L., and D. Sichel. 2017. “The Case for an American Productivity Revival.” No. PB17-26, Research Papers in Economics. <https://ideas.repec.org/p/iie/pbrief/pb17-26.html>.
- Carroll, C. 1997. “Buffer-Stock Saving and the Life Cycle / Permanent Income Hypothesis.” *Quarterly Journal of Economics* 112, no. 1: 1–55.
- Carroll, C., M. Otsuka, and J. Slacalek. 2011. “How Large Are Housing and Financial Wealth Effects? A New Approach.” *Journal of Money, Credit and Banking* 43, no. 1: 55–79.
- CEA (Council of Economic Advisers). 2014. “The Labor Force Participation Rate since 2007: Causes and Policy Implications.” [https://obamawhitehouse.archives.gov/sites/default/files/docs/labor\\_force\\_participation\\_report.pdf](https://obamawhitehouse.archives.gov/sites/default/files/docs/labor_force_participation_report.pdf).
- . 2016. “Chapter 2: The Year in Review and the Years Ahead.” In *Economic Report of the President, Together with the Annual Report of the Council of Economic Advisers*. Washington: U.S. Government Publishing Office.

- . 2017. “Corporate Tax Reform and Wages: Theory and Evidence.” <https://www.whitehouse.gov/sites/whitehouse.gov/files/documents/Tax%20Reform%20and%20Wages.pdf>.
- Davis, S., and J. Haltiwanger. 2014. *Labor Market Fluidity and Economic Performance*. NBER Working Paper 20479. Cambridge, MA: National Bureau of Economic Research.
- Del Negro, M., and F. Schorfheide. 2013. “Chapter 2: DSGE Model-Based Forecasting.” In *Handbook of Economic Forecasting*, vol. 2. Amsterdam: North Holland.
- Edge, R., and R. Gurkaynak. 2010. “How Useful Are Estimated DSGE Model Forecasts for Central Bankers?” *Brookings Papers on Economic Activity*, Fall: 209–59.
- Edge, R., M. Kiley, and J. Laforte. 2010. “A Comparison of Forecast Performance between Federal Reserve Staff Forecasts, Simple Reduced-Form Models, and a DSGE Model.” *Journal of Applied Econometrics* 25, no. 4: 720–54.
- Ehrlich, I., D. Li, and Z. Liu. 2017. *The Role of Entrepreneurial Human Capital as a Driver of Endogenous Economic Growth*. NBER Working Paper 23728. Cambridge, MA: National Bureau of Economic Research.
- Estrella, A., and F. Mishkin. 1996. “The Yield Curve as a Predictor of U.S. Recessions.” *Current Issues in Economics and Finance* 2: 1–6.
- Fernald, J., R. Hall, J. Stock, and M. Watson. 2017. “The Disappointing Recovery of Output after 2009.” *Brookings Papers on Economic Activity*, Spring: 1–58.
- Ferreira, F., J. Gyourko, and J. Tracy. 2012. “Housing Busts and Household Mobility: An Update.” *FRBNY Economic Policy Review* 18, no 3. <https://www.newyorkfed.org/medialibrary/media/research/epr/2012/EPRvol18n3.pdf>.
- FRB (Board of Governors of the Federal Reserve System). 2008. “Federal Reserve Announces It Will Initiate a Program to Purchase the Direct Obligations of Housing-Related Government-Sponsored Enterprises and Mortgage-Backed Securities Backed by Fannie Mae, Freddie Mac, and Ginnie Mae.” Press release, November 25.
- . 2010. “FOMC Statement.” November 3. Press Release.
- . 2017a. “Federal Reserve Issues FOMC Statement.” September 20.
- . 2017b. “Federal Reserve Issues FOMC Statement.” December 13.
- . 2017c. “Quarterly Report on Federal Reserve Balance Sheet Developments.” November.
- GASB (Governmental Standards Accounting Board). 2012. “Media Advisory 08/02/12: The GASB’s New Pension Standards Are Now Available.” [http://www.gasb.org/cs/ContentServer?c=GASBContent\\_C&cid=1176160220996&d=&pagename=GASB%2FGASBContent\\_C%2FGASBNewsPage](http://www.gasb.org/cs/ContentServer?c=GASBContent_C&cid=1176160220996&d=&pagename=GASB%2FGASBContent_C%2FGASBNewsPage).
- Glaeser, E., J. Gyourko, and R. Saks. 2005. “Why Is Manhattan So Expensive? Regulation and the Rise in Housing Prices.” *Journal of Law and Economics* 48, no. 2: 331–69.

- Gordon, R. 2012. *Is U.S. Economic Growth Over? Faltering Innovation Confronts the Six Headwinds*. NBER Working Paper 18315. Cambridge, MA: National Bureau of Economic Research.
- Gutiérrez, G., and T. Philippon. 2016. *Investment-Less Growth: An Empirical Investigation*. NBER Working Paper 22897. Cambridge, MA: National Bureau of Economic Research.
- Herbert, C., D. McCue, and J. Spader. 2016. “Homeowner Households and the U.S. Homeownership Rate: Tenure Projections for 2015–2035.” Joint Center for Housing Studies of Harvard University.
- IMF (International Monetary Fund). 2017a. “A Fragile Recovery.” *World Economic Outlook*, October. <https://www.imf.org/en/Publications/WEO/Issues/2017/09/19/world-economic-outlook-october-2017>.
- . 2017b. “India: Selected Issues.” International Monetary Fund. <https://www.imf.org/en/Publications/CR/Issues/2017/02/22/India-Selected-Issues-44671>.
- . 2017c. “People’s Republic of China: 2017 Article IV Consultation-Press Release; Staff Report; and Statement by the Executive Director for the People’s Republic of China.” International Monetary Fund. <http://www.imf.org/en/Publications/CR/Issues/2017/08/15/People-s-Republic-of-China-2017-Article-IV-Consultation-Press-Release-Staff-Report-and-45170>.
- . 2017d. “Seeking Sustainable Growth: Short-Term Recovery, Long-Term Challenges.” *World Economic Outlook*, October. <https://www.imf.org/en/Publications/WEO/Issues/2017/09/19/world-economic-outlook-october-2017>.
- . 2017e. “Is Growth at Risk?” *Global Financial Stability Report*, October. <https://www.imf.org/en/Publications/GFSR/Issues/2017/09/27/global-financial-stability-report-october-2017>.
- . 2017f. “Latin America and the Caribbean: Stuck in Low Gear.” *Regional Economic Outlook Update*, October. <https://www.imf.org/en/Publications/REO/WH/Issues/2017/10/11/wreo1017>.
- JCT (Joint Committee on Taxation). 2017. “Estimated Budget Effects of the Conference Agreement for H.R.1, the ‘Tax Cuts And Jobs Act’ (JCX-67-17).” December 18. <https://www.jct.gov/publications.html?func=startdown&id=5053>.
- Juster, T., J. Lupton, J. Smith, and F. Stafford. 2006. “The Decline in Household Saving and the Wealth Effect.” *Review of Economics and Statistics* 88, no. 1: 20–27.
- Keane, M., and R. Rogerson. 2012. “Micro and Macro Labor Supply Elasticities: A Reassessment of Conventional Wisdom.” *Journal of Economic Literature* 50, no. 2: 464–79.
- . 2015. “Reconciling Micro and Macro Labor Supply Elasticities: A Structural Perspective.” *Annual Review of Economics* 7: 89–117.
- Maestas, N., K. Mullen, and D. Powell. 2016. *The Effect of Population Aging on Economic Growth, the Labor Force and Productivity*. NBER Working Paper 22452. Cambridge, MA: National Bureau of Economic Research.
- McGowan, M., D. Andrews, and V. Millot. 2017. “The Walking Dead? Zombie Firms and Productivity Performance in OECD Countries.” Organization for Economic

- Cooperation and Development. <https://www.oecd.org/eco/The-Walking-Dead-Zombie-Firms-and-Productivity-Performance-in-OECD-Countries.pdf>.
- McNees, S. 1995. "An Assessment of the 'Official' Economic Forecasts." *New England Economic Review*, 13–23.
- Mertens, K., and M. Ravn. 2013. "The Dynamic Effects of Personal and Corporate Income Tax Changes in the United States." *American Economic Review* 103, no. 4: 1212–47.
- Mokyr, J. 2014a. "The End of Economic Growth? Myths and Realities." *Milken Institute Review* 16, no. 2: 87–94.
- . 2014b. "The Next Age of Invention." *City Journal* 24, no. 1: 12–21.
- . 2014c. "Secular Stagnation? Not in Your Life." In *Secular Stagnation: Facts, Causes, and Cures*, edited by C. Teulings and R. Baldwin. London: CEPR Press.
- Mokyr, J., C. Vickers, and N. Ziebarth. 2015. "The History of Technological Anxiety and the Future of Economic Growth: Is This Time Different?" *Journal of Economic Perspectives* 29, no. 3: 31–50.
- Mulligan, C. 2012. *The Redistribution Recession: How Labor Market Distortions Contracted the Economy*. New York: Oxford University Press.
- National Conference of State Legislatures. 2010. *NCSL Fiscal Brief: State Balanced Budget Provisions*. Washington: National Conference of State Legislatures.
- Polivka, A., and S. Miller. 1998. "The CPS after the Redesign: Refocusing the Economic Lens." In *Labor Statistics Measurement Issues*, edited by J. Haltiwanger, M. Manser, and R. Topel. Chicago: University of Chicago Press.
- Poterba, J. 2000. "Stock Market Wealth and Consumption." *Journal of Economic Perspectives* 14, no. 2: 99–118.
- Powell, J. 2017. "Prospects for Emerging Market Economies in a Normalizing Global Economy." Speech by Governor Jerome H. Powell, Federal Reserve Board of Governors, October 12. <https://www.federalreserve.gov/newsevents/speech/powell20171012a.htm>.
- RBI (Reserve Bank of India). 2017. "Financial Stability Report December 2017." <https://rbi.org.in/Scripts/PublicationReportDetails.aspx?UrlPage=&ID=891>.
- Reis, R. 2010. "Comment on 'How Useful Are Estimated DSGE Model Forecasts for Central Bankers?'" *Brookings Papers on Economic Activity*, Fall: 245–53.
- Sims, Christopher A. 1980. "Macroeconomics and Reality." *Econometrica* 48, no. 1: 1–48.
- Stock J., and M. Watson. 2012. "Disentangling the Channels of the 2007–2009 Recession." *Brookings Papers on Economic Activity*, Spring: 81–135.
- . 2016. "Dynamic Factor Models, Factor-Augmented Vector Autoregressions, and Structural Vector Autoregressions in Macroeconomics." In *Handbook of Macroeconomics*, vol. 2, edited by J. Taylor and H. Uhlig. Amsterdam: Elsevier.
- Vidangos, I. 2015. *Deleveraging and Recent Trends in Household Debt*. No. 2015-04-06. Washington: Board of Governors of the Federal Reserve System.

- Wieland, V., E. Afanasyeva, M. Kuete, and J. Yoo. 2016. "New Methods for Macro-Financial Model Comparison and Policy Analysis." In *Handbook of Macroeconomics*, vol. 2, edited by J. Taylor and H. Uhlig. Amsterdam: Elsevier.
- Wieland, V., T. Cwik, G. Müller, S. Schmidt, and M. Wolters. 2012. "A New Comparative Approach to Macroeconomic Modeling and Policy Analysis." *Journal of Economic Behavior and Organization* 83, no.3: 523–41.