## UPDATED COMPLETE PAPERS WILL BE POSTED SOON

## Private Equity and Workers: Modeling and Measuring Monopsony, Implicit Contracts, and Efficient Reallocation

Kyle Herkenhoff — Josh Lerner — Gordon M. Phillips — Francisca Rebelo — Benjamin Sampson\*

First Draft: January 2025 Current Draft: June 16, 2025

## Abstract

We measure the real effects of private equity buyouts on worker outcomes by building a new database that links transactions to matched employer-employee data in the United States. To guide our empirical analysis, we derive testable implications from three theories in which private equity managers alter worker outcomes: (1) exertion of monopsony power in concentrated markets, (2) breach of implicit contracts with targeted groups of workers, including managers and top earners, and (3) efficient reallocation of workers across plants. We do not find any evidence that private equity-backed firms vary wages and employment based on local labor market power proxies. Wage losses are also very similar for managers and top earners. Instead, we find strong evidence that private equity managers downsize less productive plants relative to productive plants while simultaneously reallocating high-wage workers to more productive plants. We conclude that post-buyout employment and wage dynamics are consistent with professional investors providing incentives to increase productivity and monitor the companies in which they invest.

**Keywords:** Private equity, employment, wages, monopsony, market power, productivity. **JEL classification:** G20, G34, L1

<sup>\*</sup>Herkenhoff: University of Minnesota and Federal Reserve Bank of Minneapolis, kfh@umn.edu; Lerner: Harvard University, josh@hbs.edu; Phillips: Tuck School of Business at Dartmouth, gordon.m.phillips@tuck.dartmouth.edu; Rebelo: At the time this paper was started, Rebelo was a part-time employee of the Census Bureau and a graduate student at Boston College, rebelof@bc.edu; Sampson: Stanford University, benjaminjsampson@stanford.edu. Herkenhoff, Lerner, and Phillips are affiliates of the National Bureau of Economic Research. We received research support from Harvard Business School's Division of Research and Faculty Development (with special support from the Harris Family Fund for Sports Management and Alternative Investments and the Project on Impact Investments), the Omidyar Foundation, and the Private Capital Research Institute. Leslie Jeng, Kathleen Ryan, Bohan Yang, Jonah Zahnd, and Rob Zochowski made important contributions to the research process. Seminar participants at the University of Amsterdam, Penn State, Tinbergen Institure, and the Virtual Corporate Finance Seminar made helpful comments. Lerner has received compensation from consulting with private equity funds, investors in such funds. Sampson has received compensation from sponsors of private equity and debt funds. This research uses data from the Census Bureau's Longitudinal Employer-Household Dynamics Program, which was partially supported by National Science Foundation Grants SES-9978093, SES-0339191, and ITR-0427889, National Institute on Aging Grant AG018854, and grants from the Alfred P. Sloan Foundation. The Census Bureau has ensured appropriate access and use of confidential data and has reviewed these results for disclosure avoidance protection (Project 7514232: CBDRB-FY25-CED006-003). This project has received Harvard IRB approvals 22-0236 and 22-0511. Any opinions and conclusions expressed herein are those of the authors and do not represent the views of the U.S. Census Bureau, the Federal Reserve Bank of Minneapolis, or the Federal Reserve System. All errors and omissions are our own.