Long-Run Effects of Incentivizing Work After Childbirth
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Overview

This replication package includes the code to produce the results in Kuka and Shenhav (2024). The package includes two main folders:

- dofiles: This folder includes the code to produce all of the figures and tables in the paper. The code uses Stata, and is divided across 10 files. The master.do file reads in each of these files in the order that they should be executed. We clean the publicly-available data in "public_cleandata.do" and the main, restricted-use data in "main_cleandata.do." The remaining 8 files produce the exhibits in the paper, and are named according to the nature of the data and location of the exhibit (e.g., public_figstables produces the exhibits that rely on publicly-available data; main_figstables produces the exhibits in the body of the paper using the restricted-access data; appa_figures produces the figures in Appendix Section A, etc.). We include additional code for reading in the SIPP data in a separate subfolder, sipp_infile.
  - All of the results in the paper use restricted-access data, with the exception of Figure 1, Table 3 (no data), Figure A1, and Figure A4.
- data: This folder includes publicly-available data files that we have permission to distribute, which includes items 2-5 and 8 below. The data files for items 4 and 8 are grouped in the subfolders data/cpsoccs and data/waiver_timing. We provide links to download the remaining publicly-available files that are not included in the replication package (i.e., items 1, 6, and 7 below). These additional files should be saved to the "data" folder.

Data availability

The main results in the paper rely on confidential administrative records from the U.S. Census Bureau and the Social Security Administration. We obtained access to these data through an agreement between the Retirement and Disability Research Center at the National Bureau of Economic Research and the Social Security Administration. However, researchers can apply for these data by following the Census Bureau's instructions for applying for restricted-use data. https://www.census.gov/topics/research/guidance/restricted-use-microdata/standard-application-process.html. The data we use, SSA Administrative Records Linked to Current Population Survey (CPS), are listed as an available linked data source at this link: https://www2.census.gov/about/linkage/data-file-inventory.pdf. Your request should include the following CPS survey years: 1991, 1994, 1996-2016 and the SSA earnings records from 1978-2015.

We certify that the author(s) of the manuscript have legitimate access to and permission to use the data used in this manuscript. We certify that the author(s) of the manuscript have documented permission to redistribute/publish the data contained within this replication package.

Computing requirements

We ran the code using Stata Version 15 on the PC computers available in the Social Security research facility. The full code can be run to completion in approximately two weeks. Users must install the Stata package "estout."

Data sources

We rely on several supplemental data sources in addition to the linked administrative data.

1. **Survey of Income and Program Participation (SIPP) marriage histories.** We assemble the SIPP marriage histories using the do-files, dictionaries, and raw data from the National Bureau of Economic Research: https://www.nber.org/research/data/survey-income-and-program-participation-sipp. To recreate this data, download the dictionary and raw data (.dat) files for the Wave 2 Topical Modules for 1990, 1993, 1996, 2001, 2004, and 2008; as well as the Stata .dta file for the Wave 1 Core Model for 2014. The .dat files are in zipped folders on the website. Save the raw data files to data/sipp with the following names: s90w2tm.dat; sipp93t2.dat; sipp96t2.dat; p01putm2.dat; p04putm2.dat; p08putm2.dat; pu2014w1.dta. Save the dct files to data/sipp as dct90, dct93, dct96, dct01, dct04, and dct08. We have provided the do-files to read and save these files under dofiles/sipp_infile, which are run as part of the data creation process in public_cleandata.do.[1]

2. **CPI from the Bureau of Labor Statistics (cpi_6717.dta).** For the original price series, see https://www.bls.gov/cpi/tables/historical-cpi-u-201710.pdf.

3. **EITC benefits schedule (eitc_parameters_unadj.dta).** We obtained the EITC benefits schedule from 1975 to 2015 from the Tax Policy Center, at https://www.taxpolicycenter.org/statistics/eitc-parameters.

4. **Harmonized 1990 occupation codes from IPUMS (ipumscps_crosswalk.dta).** We include a crosswalk from annual CPS occupation codes to 1990 occupation codes in the replication package. To recreate this data, download the 1988 to 2015 ASEC (March) CPS files from ipums.org (in one extract), retaining the variables year, occ, and occ1990. For reference, we include our IPUMS data extract, and the do-file and dictionary needed to read in the extract in the data folder (along with the final crosswalk). We create the crosswalk from these inputs in public_cleandata.do.

5. **State policies and economic conditions (state_data.dta).** These data combine information on state economic conditions and policies from the replication package for Kuka (2020), available at this link: https://dataverse.harvard.edu/dataset.xhtml?persistentId=doi:10.7910/DVN/15KKQX. To recreate these data, download the following datasets from the replication repository: st_child_med_8814, st_preg_med_8714, ukcpr_welfare_8015, eitc_vals_8415. We provide code to merge these datasets in public_cleandata.do.

6. **Occupation crosswalk and tasks by occupation from Autor and Dorn (2013)**. These data are contained in three files, occ1990_occ1990dd.dta, occ1990dd_task_alm.dta, and occ1990dd_task_offshore.dta, which we downloaded from David Dorn's website: https://www.ddorn.net/data.htm.

7. **Tasks by occupation from Deming (2017) (onet98_occ1990dd.dta).** These data are included in the replication files on the QJE website, at https://dataverse.harvard.edu/dataset.xhtml?persistentId=doi:10.7910/DVN/CYPKZH.

8. **Timing of welfare waivers (welfare_reform_timing.dta).** These data combine information on the state-level timing of welfare reform from the replication package of Bitler and Hoynes (2010) (welfrules.dta) and on welfare waivers from Table B of Crouse (1999) (hand-entered into

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[1] These do-files are nearly identical to those provided on the NBER website, with some slight modifications to the file locations and naming conventions.

waivers_ymd.dta).[2] We requested access to the replication package from the Brookings Institution, which has archived these files. We provide code to merge these datasets in public_cleandata.do.

Instructions to replicators

- Download and save the data files referenced above in the Overview and Data Sources sections.
- Edit the top line of the code in each program to set the default path:
  - global replfolder ""
- Run master.do
  - Using publicly-available data, you can only run the first two programs (public_cleandata, public_figstables)

List of tables and programs

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