README for the Reproducibility Package for Analyzing the minimum wage proposal for Ukraine

Overview

The code in this replication package uses administrative data from the Pension Fund to simulate the impact of a proposed minimum wage reform in Ukraine. The master do-file, “Ukraine Minimum Wage Simulations Master”, provides an overview of the structure of the analysis. First, the data are cleaned and descriptive statistics are generated, which are then exported to an MS Excel file. Second, a simulation analysis is conducted using the most recent dataset from 2023. Third, a transition analysis is performed to simulate the effects of the reform over the period from 2025 to 2030. The replicator should expect the code to run for approximately 25 minutes.

Data Availability Statement

1. Administrative data from the Ukrainian Pension Fund

Source: Pension Fund Ukraine
Year: 2023
URL: Not available
Access Date (Month-Year): September 2025
Note: The data have been requested in 2023 by the WB Social Policy team to the Pension Fund of Ukraine under the Ministry of Social Policy with the initial objective to conduct a simulation analysis of alternative pension reform scenarios. In 2025, the same team providing policy advice to the Ministry of Economy on the draft labor code requested to use the data for a second objective of analyzing the potential impacts of the proposed changes to the minim wage provisions. The dataset covers the contribution history of persons who are subject to social security contributions in 2021, 2022, and 2023 in Ukraine. A potential replicator should request the data to the Pension Fund of Ukraine, specifying the variables needed and the intended use.
Access Type: Restricted
License: -
License URL: -
Citation: Pension Fund Ukraine. 2023. "Administrative data from the Ukrainian Pension Fund" [dataset]. Not available. Accessed September 2025.

Statement about Rights

I certify that the author(s) of the manuscript have legitimate access to and permission to use the data used in this manuscript.
I certify that the author(s) of the manuscript have documented permission to redistribute/publish the data contained within this replication package. Appropriate permissions are documented in the LICENSE.txt file.

Instructions for Replicators

To produce the exhibits in thepaper, a new user should
1. Run the script “Ukraine Minimum Wage Simulations Master”
2. The script will save all descriptive tables to the Results folder. The results are then exported to MS Excel tables.

Software Requirements

STATA version 17.0 was used for the analysis.

Memory and Storage Requirements

25 minutes

List of Exhibits

Here is a table illustrating how output file names are linked to the tables/figures shown in the Paper:

Output files	**Tables/Figures**
Kernel density figure Earnings 2.png	Figure 1
Descriptive Statistics Tables 2 to 5	Table 2

Descriptive Statistics Tables 2 to 5	Table 3
Descriptive Statistics Tables 2 to 5	Table 4
Descriptive Statistics Tables 2 to 5	Table 5
Table 6	Table 6
Table 7	Table 7
Table 8	Table 8
Table 9	Table 9
Table 10	Table 10
Table 11	Table 11
Table 12	Table 12
Annex Table 1	Annex Table 1
Annex Table 2	Annex Table 2
Annex Table 3	Annex Table 3
Annex Table 4	Annex Table 4
Annex Table 5	Annex Table 5
Annex Table 6	Annex Table 6

Folder Structure

There are folders including the data, the analysis and the results.