Analyze, visualize, and ... itemize: Tax policy analysis with Tax-Cruncher

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Agenda

1. Policy Simulation Library (PSL)
2. What is Tax-Cruncher?
3. Web application demo
4. Python API overview
5. Getting started
Policy Simulation Library

- Open source ecosystem
- Policy modeling community

Geena Kim, CBO economist, presenting HISIM2
• Open source software for analyzing how tax policy affects household finances
• Calculates individual income and payroll tax liabilities for any year between 2013 and 2028
• Design your own tax reform using over two hundred parametrized features of the US tax code
Tax-Cruncher Interfaces

- Web application
  - No programming knowledge necessary
  - Generate tables and interactive charts

- Python API
  - Broader capabilities
  - Greater flexibility
Web application demo

https://compute.studio/PSLmodels/Tax-Cruncher/
Python API Overview

- Analyze multiple households at a time
- Create custom output
- Compare two reforms

https://github.com/PSLmodels/Tax-Cruncher
Getting Started

Open source ecosystem

- Open Source Policy Center
- Policy Simulation Library

Tax-Cruncher

- GitHub
- Compute Studio (web application)