

The logo for Carnegie Mellon University is positioned on the left side of the slide. It features the university's name in a white, serif font, stacked in three lines: "Carnegie", "Mellon", and "University". The text is set against a dark blue background that is decorated with a complex, multi-colored grid pattern of thin lines in shades of green, red, and yellow.

Carnegie
Mellon
University

Biz & Econ Data Sources

SICSS 2025

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Biz & (some) Econ data...





Public vs. Open Data?

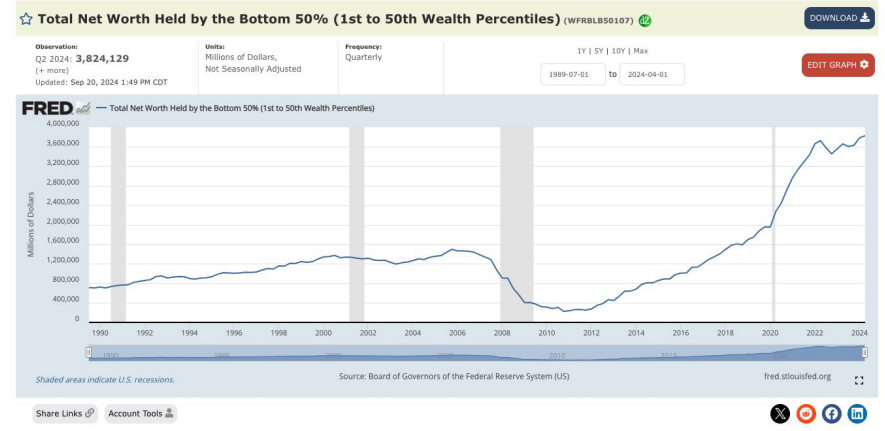
- **Public Data** = data/info that is made open to the public, but ****might**** come with restrictions of use.
- **Open Data** = data/info that is made available to the public with **no restrictions!**

Public vs. Open Data - Differences

Characteristic	Public Data	Open Data
Accessibility	Yes - but not always user-friendly format	Yes - should be user-friendly format
Restrictions	Possible - limitations on how data can be used, modified, etc.	NO - can use, modify, etc. without permission or legal barrier.
Formats	Varied - some may not be as accessible for analysis.	Often Standardized - for analysis purposes (e.g., CSV, JSON)

**** all open data is public, but not all public data is open****

- [Federal Reserve Bank](#) of St. Louis (research division)
- Go-to resource for economics research! **FREE!**
- 825,000 time series (U.S. & international)
- 114 sources (e.g., BEA, EIA)
- Tools
 - API
 - Excel add-in
 - Mobile apps



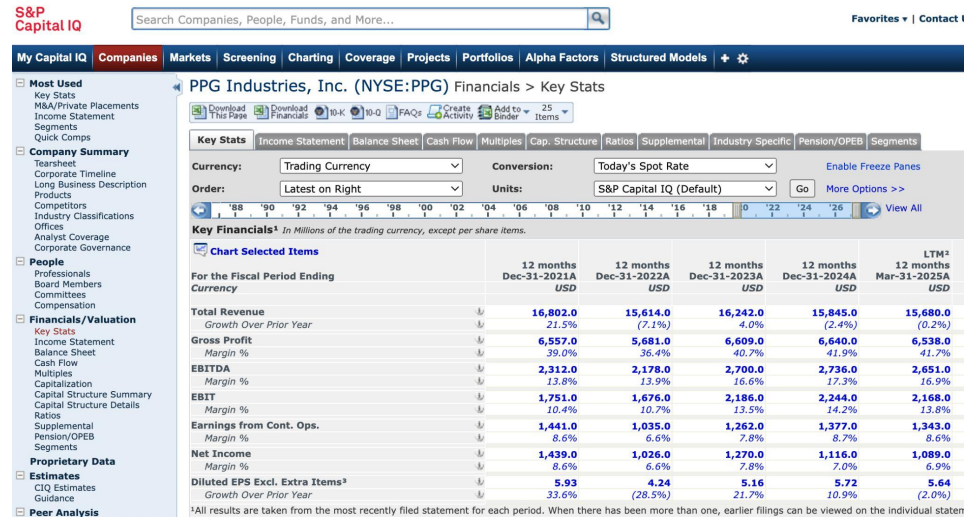
Sage Data

- Formerly Data Planet
- Interdisciplinary data resource! **(CMU - no account)**
- Business, crime, health, labor, energy, etc.
- 550 sources (e.g., EPA, NCI)
- Premium Data:
 - EASI
 - China Data Institute

The screenshot displays the Sage Data website. At the top is a dark blue navigation bar with the Sage logo and links for Research Methods, Business, Skills, Video, Data (highlighted), Campus, CQ Press, and Reference & Academic Books. Below this is a white header with the SageData logo, navigation links (Home, Datasets, Data Basics, Help, Search), and a Carnegie Mellon University Libraries logo with a SIGN OUT button. The main content area features a search bar with 'Easy Analytic Software Inc. (EASI)' entered. Below the search bar is a list of categories: Expenditures - Education, Expenditures - Food, Expenditures - Home, and Expenditures - Miscellaneous (highlighted in teal). To the right of the categories is a map of the United States with state boundaries and names. The map is titled 'Map' and 'Satellite'. The map shows the United States with state names and abbreviations. The text 'State - Socioeconomic indicator: Per 1000 2020' and 'Sage Data™: A Sage Publishing Resource, Source: Easy Analytic Software Inc. (EASI)' are visible above the map. The unit is listed as '\$'.

S&P Capital IQ

- Standard & Poor's Global
- Example of advanced financials platform (**CMU - account req'd.**)
- Commodities, markets, and people data
- 10,000 rows download
- Tools
 - Excel add-in



Biz & Econ Datasets Guide!

<https://guides.library.cmu.edu/datasets>

Business & Economics Datasets: Start

Search this Guide

Search

Start

Data Management Resources

Connect from off campus

Business databases A-Z

Tepper library page

Other business topics

Need help?

This Guide

lists sources for datasets comprising long time periods, to use in your research or coursework



Data collections

- [Inter-University Consortium for Political and Social Research \(ICPSR\)](#)
data that supports economic and social science research; many varieties. CMU subscription - create an account first (in upper left corner)
- [Harvard Dataverse Network](#)
repository for multidisciplinary

Databases to Use (Subscription-Based)

- [WRDS \(Wharton Research Data Services\)](#)
Uniform web interface to datasets in finance, economics and banking, from multiple sources, i.e. Standard & Poor's Compustat, the Center for Research in Security Prices (CRSP,) and more. **When off-campus, connect to Full VPN access.** **NOTE:** Requires CMU email to access. After entering your CMU email address, a an email will be sent to you from WRDS with a link to access WRDS content.
- [International Financial Statistics](#)
Includes this and all other databases from the International Monetary fund. Time series data used in economic analysis.
- [OECD Data](#)
Multiple international datasets from the OECD, covering all topics: agriculture, health, economics, patents, R&D, migration, telecommunication, etc., plus all energy industry data from the IEA.
- [World DataBank](#)
5 huge databases from the World Bank with financial and

Other Data Sources (Mostly FREE)

- [FRED - Economic Data from the Federal Reserve](#)
816,000 economic data time series from 107 national, international, public, and private sources, along with tools for interaction, display, and dissemination.
- [Bureau of Labor Statistics](#)
prices, employment, pay, productivity, etc.
- [Bureau of Economic Analysis](#)
US production, consumption, investment, exports/imports, income and saving, industry input-output accounts, foreign direct investment and balance of payments, etc.
- [ILOSTAT from the International Labour Organization](#)
labor data for 200 countries, from 1969 to the present
- [Business and Industry Census Database](#)
Manufacturing, retail, services, construction, and other industries - historical financial and