

# Gannett Training

Google Public Data Explorer

**Presented by**

Mike Reilley  
mikereilley1@gmail.com | @journtoolbox |  
journaliststoolbox.org

**GANNETT**

# Problem: I Need to Chart Census Data or Unemployment Data NOW!

## Google Public Data Explorer

- <https://www.google.com/publicdata/directory>

Pulls data directly from sources such as the U.S. Census, Bureau of Labor Statistics, Eurostat, etc.

Create basic charts and maps without coding or a spreadsheet

You can import datasets but it's better to use Google Flourish for that

**Public Data**

**Datasets**

Metrics

**Any data provider (137)**

- Eurostat (9)
- U.S. Bureau of Labor Statistics (8)
- Statistics Iceland (6)
- U.S. Census Bureau (5)
- Inter-American Development Bank (4)

**My Datasets**

**Labor productivity (percent change from same quarter a year ago) ?**

10.0%  
7.5%  
5.0%  
2.5%  
0.0%  
-2.5%  
-5.0%

2008 2010 2012 2014 2016 2018

Business  
Nonfarm Business  
Manufacturing

**U.S. productivity slowdown**

Since the start of the Great Recession in Q4, the U.S. economy has been in its longest business cycles of the post-World War II era. Following a brief post-recession surge in labor productivity (real output per hour) in the business, nonfarm business, and manufacturing sectors, labor productivity growth has been below average. This means that U.S. workers have had to work more hours to achieve the current level of goods and services than they would have under a business cycle with high growth.

[Explore the data](#)

Dataset: Labor Productivity and Costs  
Source: U.S. Bureau of Labor Statistics

Looking for other datasets? Find more with [Google Dataset Search](#).

### [World Development Indicators](#)

World Bank

This dataset contains the World Development Indicators (WDI).

### [Global Competitiveness Report](#)

World Economic Forum

Global Competitiveness Report

### [International Monetary Fund, World Economic Outlook](#)

IMF, October 2014 WEO

International Monetary Fund, World Economic Outlook

### [WTO, International Trade](#)

The World Trade Organization (WTO)

WTO, International Trade

# Google Public Data Explorer

- Good for quick-and-dirty graphics
  - Create line charts, bar charts, maps and scatterplot charts
- Easy to embed: Link and iFrame embed code on link icon in upper right
- Datasets are rich in depth: Dig down to local level, sex, race and other census demographic data
- Some datasets go back to 1900, others more recent
  - Sliders tabs at bottom of graphic let you choose what years to focus on

