

File Edit View History Bookmarks Tools Help

2020-Economic-Report-c Private Nonresidential Fb Gross Private Domestic In Do imports subtract from Graphing GDP compon

https://fredblog.stlouisfed.org/2018/09/c... lents report 2020

Disclaimer

The views expressed are those of individual authors and do not necessarily reflect official positions of the Federal Reserve Bank of St. Louis, the Federal Reserve System, or the Board of Governors.

FRED links

- FRED® Blog RSS feed, follow us
- FRED®, the complete database
- ALFRED®, the vintage data version of FRED®
- GeoFRED®, mapping tool of FRED®
- FRED® Help
- FRED® mobile apps
- FRED® Excel® add-in
- How to include a FRED® graph in your blog or web page
- Embedding a FRED widget

St. Louis Fed links

- St. Louis Fed
- St. Louis Fed Research
- St. Louis Fed publications
- On the Economy, the St. Louis Fed blog

Recent Posts

- Reckoning with premature deaths
- Labor force participation rates of armed forces veterans

Posted on September 13, 2018

FRED

- Personal Consumption Expenditures
- Gross Private Domestic Investment
- Government Consumption Expenditures and Gross Investment
- Net Exports of Goods and Services

Source: U.S. Bureau of Economic Analysis

Customize | Download Data

The typical textbook treatment of GDP is the expenditure approach, where spending is categorized into the following buckets: personal consumption expenditures (C); gross private investment (I); government purchases (G); and net exports (X - M), composed of exports (X) and imports (M). Textbooks often capture this in one relatively simple equation:

$$GDP = C + I + G + (X - M).$$

Notice that, here, imports (M) are subtracted. On the surface, this implies that an extra dollar of spending on imports (M) will decrease GDP by one dollar. For example, let's assume you spend \$20,000 on an imported car; because imports are subtracted (e.g., "- M"), the equation seems to

10:09 AM 5/9/2020