The views expressed in this presentation are mine and not the views of the Federal Reserve Bank of St. Louis or the Federal Reserve System.
Today’s Topics

• FRED and GeoFRED
• GeoFRED and customizable features
• Ways to gather data from GeoFRED
• Breath of regional data
• Future improvements
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Related Resources

Per Capita Personal Income in Denver-Aurora-Broomfield, CO (MSA)

GeoFRED Map
All Employees: Total Nonfarm In Denver-Aurora-Lakewood, CO (MSA)

ALFRED Vintage Series
All Employees: Total Nonfarm In Denver-Aurora-Lakewood, CO (MSA)

Other Formats

Annual, Not Seasonally Adjusted

Monthly, Not Seasonally Adjusted
New: GeoFRED API

- Data and shape files used in GeoFRED
- Metadata information for GeoFRED data
- Cross section of regional data for a specified release date
- [https://research.stlouisfed.org/docs/api/geofred/](https://research.stlouisfed.org/docs/api/geofred/)
GeoFRED® API - GeoFRED Request Wizard

Description
Enter a FRED series ID and your API key (optional) to get request parameters.

Request Wizard

CONUM Api Key

https://api.stlouisfed.org/geofred/regional/data?api_key=YOUR_API_KEY_HERE&series_group=1100&date=2017-01-01&region_type=state&v
xml

Request (HTTPS GET)

https://api.stlouisfed.org/geofred/series/data?series_id=WPCPI&api_key=abcdefgijklmnopqrstuvwxyz123456&date=2012-01-01

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Breath of Regional Datasets

- States
  - Counties
  - MSAs
  - BEA Economic Areas

- Census Regions
  - Census Divisions

- BEA Regions

- BLS Regions
  - Midwest Urban
  - Northeast Urban
  - South Urban
  - West Urban

- Federal Reserve Districts
  - States in District
  - Counties in District
  - MSAs in District
Regional Datasets

• Census
  - Population by race and ethnicity
  - Housing
  - Income
  - Trade

• Bureau of Economic Analysis
  - GDP by Industry
  - Price Parities
  - Personal Income

• Bureau of Labor Statistics
  - CPI
  - Wages
  - Employment

• Federal Financial Institutions Examination Council
  - Banking data

• Board of Governors
  - historical banking stats 1917-41
More Regional Datasets

- Employment and Training Administration
  - Initial Claims
  - Insured Unemployment Rate
  - Cover Employment

- Federal Housing Finance Agency
  - House Price Indexes

- Equifax
  - Subprime Credit Population

- Federal Bureau of Investigation
  - Crime Incidents
Future Improvements

• Data expansion
• Embeddable GeoFRED maps
• Improved metadata