Output Growth Decomposition

Contributions to real growth, annual rate, percentage points

2018Q2:2019Q1 avg. 2019Q2

Real GDP: 2.6 2.0
PCE: 3.1 1.7
Business Fixed Investment: 0.6 -0.1
Residential Fixed Investment: -0.1 -0.1
Government Spending: 0.3 0.8
Net Exports: -0.2 -0.7
Private Inventories: 0.4 -0.9

SOURCE: Bureau of Economic Analysis.
Level of Actual and Potential GDP

Tril. chained 2012 dollars

2007 2009 2011 2013

Real GDP
CBO Potential

1Q % change, ann.

2015 2018Q3 2018Q4 2019Q1 2019Q2

2.9 2.0 1.1 2.0 3.1 2.1 2.0 2.1

SOURCES: Congressional Budget Office; Bureau of Economic Analysis.
Retail Sales Control

SOURCE: Census Bureau/Haver Analytics.
Consumer Confidence

Index

Consumer confidence (Conference Board)
Consumer sentiment (University of Michigan)

Aug 135.1
Sep 92.0


SOURCES: The Conference Board; University of Michigan.
ISM Purchasing Manager Indices

Diffusion index, 50+=expansion


Aug 2019 56.4

ISM Manufacturing Index
ISM Nonmanufacturing Index

Nonfarm Payroll Employment Growth

Thousands

M/M nonfarm payroll gains

Annual averages

Sources: Bureau of Labor Statistics.

Federal Reserve Bank of Dallas
Unemployment Rate

Percent

Source: Bureau of Labor Statistics; Federal Reserve Board.
Labor Force Participation

Potential Labor Force Participation

SOURCE: Bureau of Labor Statistics; Congressional Budget Office.
Combined Unemployment and Participation Gaps

Jobless Claims

Initial Claims, 4-Week Moving Average

SOURCE: Department of Labor.
Wage Growth

Percent, year-over-year

Atlanta Fed Wage Growth Tracker
Average Hourly Earnings
ECI: Wages and Salaries

Wage Phillips Curve

*Four-quarter ECI wages and salaries growth less SPF 4-quarter-laged 10 year inflation expectations.
**Unemployment rate less CBO natural rate, lagged 4 quarters.
PCE Inflation

SOURCES: Federal Reserve Bank of Dallas; Bureau of Economic Analysis.
Core Inflation

FOMC Summary of Economic Projections: GDP

Real GDP growth (4-quarter)
FOMC median projection
Central tendency
Range

SOURCES: Federal Reserve Board; Bureau of Economic Analysis.
FOMC Summary of Economic Projections: Inflation

SOURCES: Bureau of Economic Analysis; Federal Reserve Board.
FOMC Summary of Economic Projections: Core Inflation

Percent

Core PCE inflation (4-quarter rate)
FOMC median projection
Central tendency
Range

SOURCES: Bureau of Economic Analysis; Federal Reserve Board.