

Data Source Tables

Table A. Principal Data Sources for Industry and Commodity Output and Prices

Industry and commodity	2012 benchmark-year sources	Nonbenchmark-year sources	Source for price indexes
Agriculture, forestry, fishing and hunting			
Farms	BEA NIPA statistics based on USDA ERS data	Farm output from BEA NIPAs based on USDA ERS data	NIPA prices based on USDA price indexes received by farmers
Forestry, fishing, and related activities	For forestry, logging, hunting, and trapping, BEA NIPA farm output; for fishing, commercial landings data from NOAA, Census Bureau 2012 Economic Census NAICS Sector 11, and ERS data	For forestry, logging, hunting, and trapping, BEA NIPA farm output; for fishing, commercial landings data from NOAA, Census Bureau M3 data, and ERS data	BLS PPI, NIPA PCE prices, USDA/National Agricultural Statistics Service unit prices
Mining			
Oil and gas extraction	Census Bureau 2012 Economic Census, NAICS Sector 21, Mining	EIA data on quantities produced and prices	BLS PPI and EIA
Mining, except oil and gas	Census Bureau 2012 Economic Census, NAICS Sector 21, Mining	For coal mining, <i>EIA U.S. Coal Supply and Demand in Review</i> ; for uranium, <i>EIA Uranium Marketing Annual Report</i> ; for all other, USGS Mineral Commodity Summaries and Mineral Industry Survey	EIA, USGS, and BLS PPI
Support activities for mining	Census Bureau 2012 Economic Census, NAICS Sector 21, Mining	For mining exploration, trade source data on drilling costs and footage drilled; all other support activities, USGS <i>Mineral Commodity Summaries</i>	EIA, USGS, BLS PPI, and trade sources
Utilities			
	For electric power generation, transmission, and distribution; natural gas distribution; and water, sewage, and other systems, Census Bureau 2012 Economic Census	For electric power generation transmission and distribution, EIA forms 861 and 861M; for natural gas distribution, EIA form 176 and <i>Natural Gas Monthly</i> ; for water, sewage, and other systems, Census Bureau SAS	BLS CPI and BLS PPI
Construction			
Residential	Census Bureau VIP survey	Census Bureau VIP survey	Census Bureau price deflator for multi-family home construction, composite price of new single-family houses under construction and the Turner Cost Index, and BEA prices
Nonresidential	Census Bureau VIP survey	Census Bureau VIP survey, DOD expenditures, USDA expenditures, and BLS occupational employment statistics	BLS PPI and BEA composite prices based on trade source data and on the Census Bureau price deflator for single-family houses under construction
Manufacturing			
	Census Bureau 2012 Economic Census, NAICS Sector 31-33, Manufacturing	Census Bureau ASM data, M3 shipments and inventories data, nonemployer survey data, EIA production data, FRB data, and BLS PPI	BLS PPI and NIPA prices based on DOD prices paid for military equipment, and NIPA hedonic prices
Wholesale trade			
	Census Bureau 2012 Economic Census, NAICS Sector 42, Wholesale Trade; Census Bureau 2012 Annual Wholesale Trade Survey	Census Bureau Monthly Wholesale Trade Survey and Annual Wholesale Trade Survey	BLS PPI and NIPA sales deflators
Retail trade			
	Census Bureau 2012 Economic Census, NAICS Sector 44-45, Retail Trade; Census Bureau 2012 ARTS	Census Bureau Monthly Retail Trade Survey and ARTS	BLS PPI and NIPA sales deflators
Transportation and warehousing			
Air transportation	Census Bureau, 2012 Economic Census, NAICS Sector 48-49, Transportation and Warehousing; DOT BTS	Census Bureau SAS data; DOT BTS Air Carrier Financial Statistics (ACFS) and U.S. Air Carrier Traffic Statistics (ACTS); for 2020 only Census Bureau QSS data	BLS PPI
Rail transportation	For rail passenger, Amtrak Annual Report; for rail freight, DOT STB selected earning data	For rail passenger, Amtrak Annual Report; for rail freight, DOT STB selected earning data	BLS PPI
Water transportation	Census Bureau, 2012 Economic Census, NAICS Sector 48-49, Transportation and Warehousing	Census Bureau SAS data; for 2020 only Census Bureau QSS data	For freight, BLS PPI; for passenger, BLS CPI
Truck transportation	Census Bureau, 2012 Economic Census, NAICS Sector 48-49, Transportation and Warehousing	Census Bureau SAS data; for 2020 only Census Bureau QSS data	BLS PPI
Transit and ground passenger transportation	Census Bureau, 2012 Economic Census, NAICS Sector 48-49, Transportation and Warehousing	Census Bureau SAS data; for 2020 only Census Bureau QSS data	NIPA PCE prices
Pipeline transportation	Census Bureau, 2012 Economic Census, NAICS Sector 48-49, Transportation and Warehousing	Census Bureau SAS data; for 2020 only Census Bureau QSS data	BLS PPI
Other transportation and support activities	Census Bureau, 2012 Economic Census, NAICS Sector 48-49, Transportation and Warehousing	Census Bureau SAS data; for 2020 only Census Bureau QSS data	BLS PPI and NIPA PCE prices

Industry and commodity	2012 benchmark-year sources	Nonbenchmark-year sources	Source for price indexes
Warehousing and storage	Census Bureau, 2012 Economic Census, NAICS Sector 48–49, Transportation and Warehousing	Census Bureau SAS data; for 2020 only Census Bureau QSS data	BLS PPI
Information			
Publishing industries, except internet (includes software)	Census Bureau 2012 Economic Census, NAICS Sector 51, Information	Census Bureau SAS data; for 2020 only, Census Bureau QSS data	BLS PPI and BEA price indexes for software
Motion picture and sound recording industries	Census Bureau 2012 Economic Census, NAICS Sector 51, Information	Census Bureau SAS data; for 2020 only, Census Bureau QSS data	NIPA PCE prices
Broadcasting and telecommunications	Census Bureau 2012 Economic Census, NAICS Sector 51, Information	Census Bureau SAS data; for 2020 only, Census Bureau QSS data	BLS PPI
Data processing, internet publishing, and other information services	Census Bureau 2012 Economic Census, NAICS Sector 51, Information	Census Bureau SAS data; for 2020 only, Census Bureau QSS data	BLS PPI and NIPA PCE prices
Finance and insurance			
Federal Reserve banks, credit intermediation, and related activities	Census Bureau 2012 Economic Census, NAICS Sector 52, Finance and Insurance; IRS Statistics of Income; FRB 2012 Annual Report; and FDIC, 2012 Statistics on Banking	Census Bureau SAS data; for 2020 only, Census Bureau QSS data	FRB-priced services and NIPA PCE prices
Securities, commodity contracts, and investments	Census Bureau 2012 Economic Census, NAICS Sector 52, Finance and Insurance; IRS Statistics of Income; and New York Stock Exchange, 2012 Annual Report	Census Bureau SAS data; for 2020 only Census Bureau QSS data; NIPA PCE, BLS QCEW data, and NIPA R&D data	BLS PPI and NIPA PCE prices
Insurance carriers and related activities	AM Best Company statistics; Census Bureau 2012 Economic Census, NAICS Sector 52, Finance and Insurance; American Council of Life Insurers Handbook; BEA NIPA statistics on medical and hospital insurance premiums	For property and casualty insurance, life insurance, and reinsurance, A M Best Company statistics and Census Bureau SAS (for 2020 only, Census Bureau QSS data); for medical and hospitalization insurance, private trade source data and BEA NIPA statistics on medical and hospital insurance premiums	BLS PPI and NIPA PCE prices
Funds, trusts, and other financial vehicles	NIPA imputed service charges for other financial institutions	NIPA imputed service charges for other financial institutions	NIPA PCE prices
Real estate and rental and leasing			
Real estate	Census Bureau 2012 Economic Census, NAICS Sector 53, Real Estate and Rental and Leasing; For residential dwellings, NIPA housing data and USDA data on farm housing; for nonresidential structures, IRS tabulations of business tax returns, NIPA rental value of buildings owned by nonprofit institutions serving households, and NIPA foreign trade statistics	For residential dwellings, NIPA housing data and USDA data on farm housing; for nonresidential structures, IRS tabulations of business tax returns, NIPA rental value of buildings owned by nonprofit institutions serving households, and NIPA foreign trade statistics	For residential dwellings, NIPA PCE prices and NIPA implicit price deflators for farm rents paid; for nonresidential structures, BLS PPI; for real estate managers and agents, BLS PPI and trade source data
Rental and leasing services and lessors of intangible assets	Census Bureau 2012 Economic Census, NAICS Sector 53, Real Estate and Rental and Leasing; for royalties, IRS tabulations of business tax returns	For rental and leasing services, Census Bureau SAS data; for royalties, IRS tabulations of business tax returns	BLS PPI, BTS and construction index, mining, crude oil receipts, and trade source data
Professional, scientific, and technical services			
Legal services	Census Bureau 2012 Economic Census, NAICS Sector 54, Professional, Scientific, and Technical Services	Census Bureau SAS data; for 2020 only Census Bureau QSS data, BLS QCEW data	BLS PPI and NIPA PCE prices
Computer systems design and related services	Census Bureau 2012 Economic Census, NAICS Sector 54, Professional, Scientific, and Technical Services	Census Bureau SAS data; for 2020 only Census Bureau QSS data	BEA price indexes for software
Miscellaneous professional, scientific, and technical services	Census Bureau 2012 Economic Census, NAICS Sector 54, Professional, Scientific, and Technical Services	Census Bureau SAS data; for 2020 only Census Bureau QSS data; NIPA PCE, BLS QCEW data, and NIPA R&D data	BLS PPI, NIPA PCE prices, and BEA price indexes for R&D
Management of companies and enterprises			
	Census Bureau 2012 Economic Census, NAICS Sector 55, Management of Companies and Enterprises	BLS QCEW data	BLS PPI
Administrative and waste management services			
	Census Bureau 2012 Economic Census, NAICS Sector 56, Administrative and Support and Waste Management and Remediation Services	Census Bureau SAS data; for 2020 only Census Bureau QSS data; BLS QCEW for auxiliary industries	BLS PPI and NIPA PCE prices
Educational Services			
	Census Bureau 2012 Economic Census, NAICS Sector 61, Educational Services; Department of Education, National Center for Education Statistics, 2012 Digest of Education Statistics	PCE data for education services based on data from the Department of Education and data from BLS consumer expenditure survey	NIPA PCE prices
Health care and social assistance			
	Census Bureau 2012 Economic Census, NAICS Sector 62, Health Care and Social Assistance	Census Bureau SAS data; for 2020 only Census Bureau QSS data	BLS PPI and NIPA PCE prices
Arts, entertainment, and recreation			
	Census Bureau 2012 Economic Census, NAICS Sector 71, Arts, Entertainment, and Recreation	Census Bureau SAS data; for 2020 only Census Bureau QSS data	BLS PPI and NIPA PCE prices
Accommodation and food services			
Accommodation	Census Bureau 2012 Economic Census, NAICS Sector 72, Accommodation and Food Services	For hotels and motels, PCE; for all other traveler accommodations and bed and breakfasts, BLS QCEW data	BLS PPI and NIPA PCE prices

Industry and commodity	2012 benchmark-year sources	Nonbenchmark-year sources	Source for price indexes
Food services and drinking places	Census Bureau 2012 Economic Census, NAICS Sector 72, Accommodation and Food Services	Census Bureau ARTS data	NIPA PCE prices
Other services, except government			
	For religious, grant making, civic, and other nonprofit services; personal services and dry cleaning services; and repair and maintenance: 2012 Economic Census taxable revenue and tax-exempt expenses, NIPA PCE, NIPA WS; for private household services, PCE	For religious, grant making, civic, and other nonprofit services, personal services, and dry cleaning services, Census Bureau SAS data, for 2020 only Census Bureau QSS data, PCE, and data from the National Center for Charitable Statistics; for repair and maintenance, BLS QCEW; for private household services, PCE	BLS PPI and NIPA PCE prices
Federal			
General government	Federal budget data; Center for Medicare and Medicaid Services; BLS Current Employment Statistics	NIPA government expenditure statistics; for federal structures, DOD investment expenditures	NIPA prices based on BLS PPI and CPI; for military facilities, DOD data on employment, prices for military construction, and construction cost indexes from trade source data
Government enterprises	U.S. Postal Service receipts; EIA data for electric utilities; FHA data; federal government agency reports for specific federal enterprises	U.S. Postal Service receipts; EIA data for electric utilities; FHA data; government agency data for specific federal enterprises	BLS PPI
State and local			
General government	Census Bureau 2012 Census of Governments; Census Bureau 2012 Government Finances; Census Bureau 2012 Public Employment	NIPA government expenditure statistics	BLS PPI and NIPA PCE prices
Government enterprises	Census Bureau 2012 Census of Governments; Census Bureau 2012 Government Finances; Census Bureau 2012 Public Employment; Alaska Railroad Administration data for Alaskan ferries, watersports, and airports; for electric utilities, EIA data; for state and local government structures, Census Bureau VIP survey	NIPA statistics on government enterprises based on the Census Bureau annual survey of government finances; for Alaskan ferries, watersports, and airports, Alaska Railroad Administration; for electric utilities, EIA data; for state and local government structures, Census Bureau VIP survey	BLS PPI and NIPA PCE prices

ARTS Annual Retail Trade Survey
ASM Annual Survey of Manufactures
BEA Bureau of Economic Analysis
BLS Bureau of Labor Statistics
BTS Bureau of Transportation Statistics
CPI Consumer Price Index
DOD Department of Defense
DOE Department of Energy
DOT Department of Transportation
EIA Energy Information Administration
ERS Economic Research Service
FDIC Federal Deposit Insurance Corporation
FHA Federal Housing Administration
FRB Federal Reserve Board
IRS Internal Revenue Service
ITAs International Transactions Accounts

M3 Manufacturers' Shipments, Inventories, and Orders
NAICS North American Industry Classification System
NIPA National Income and Product Accounts
NOAA National Oceanic and Atmospheric Administration
PCE Personal Consumption Expenditures
PPI Producer Price Index
QCEW Quarterly Census of Employment and Wages
R&D Research and development
SAS Service Annual Survey
SEC Securities and Exchange Commission
SOI Statistics of Income
STB Surface Transportation Board
USDA United States Department of Agriculture
USGS United States Geological Survey
VIP Value of Construction Put in Place Survey

Table B. Principal Data Sources and Methods for Estimating Intermediate Inputs and Value Added

Intermediate inputs¹	
Agriculture, forestry, fishing, and hunting	
Inputs to the agriculture, forestry, fishing, and hunting industries were estimated from U.S. Department of Agriculture 2012 Census of Agriculture or by extrapolating 2007 benchmark I-O estimates.	
Mining	
Inputs to the mining industries were estimated primarily from 2012 Economic Census mining sector reports. Detailed expense data used to estimate intermediate inputs included accounting, auditing, and bookkeeping services; advertising and promotional expenses; communication services; legal services; purchased electricity; purchased fuels consumed; rental payments for buildings and other structures; rental payments for machinery and equipment; supplies used and minerals received; and all other operating expenses.	
Construction	
Inputs to the construction industries were estimated primarily from 2012 Economic Census construction data.	
Manufacturing	
Inputs to the manufacturing industries were estimated primarily from 2012 Economic Census manufacturing sector reports. Detailed expense data used to estimate intermediate inputs included accounting, auditing, and bookkeeping services; advertising and promotional services; communication services; legal services; management consulting and administrative services; materials, parts, containers, packaging, etc. used; purchased computer services; purchased electricity; purchased fuels; refuse removal services; rental payments for buildings and other structures; rental payments for machinery and equipment; repair and maintenance services of buildings and/or machinery; and all other operating expenses. Inputs were also interpolated using the 2007 benchmark I-O estimates and ASM data.	
Wholesale trade, retail trade, and accommodation and food services	
Inputs to the wholesale trade, retail trade, and accommodation and food services industries were estimated primarily from the Census Bureau 2012 AWTS and ARTS quinquennial Business Expenses Supplement. Detailed expense data used to estimate intermediate inputs included packaging materials and containers; data processing and other purchased computer services; communication services; repairs and maintenance to machinery and equipment; repairs and maintenance to buildings, structures, and offices; rental payments for machinery and equipment; rental payments for buildings, offices, and stores; purchased electricity; purchased fuels (except motor fuels); water, sewer, refuse removal, and other utility payments; purchased transportation, shipping, and warehousing services; purchased advertising and promotional services; and purchased professional and technical services. Inputs were also interpolated using the 2007 benchmark I-O estimates.	
Services, transportation and warehousing, and utilities	
For selected Census-covered industries, information from the 2012 SAS on operating expenses was used. Detailed expense data used to estimate intermediate inputs included materials, parts, and supplies (not for resale); purchased electricity; purchased fuels (except motor fuels); rental payments for machinery, equipment, and other tangible items; rental payments for buildings, structures, and land; repairs and maintenance to machinery and equipment; repairs and maintenance to buildings, structures, and offices; advertising and promotional services; printing services; data processing and other purchased computer services; communication services; water, sewer, refuse removal, and other utilities; professional and technical services; and all other operating expenses.	
For industries not covered by Census, inputs were estimated from a variety of sources, including data from the 2012 SAS on operating expenses, and data from Amtrak, Department of Transportation Surface Transportation Board, Alaska Rail, Department of Energy, and Federal Reserve Board.	
Value added:	
Compensation of employees	
Tabulations of wages and salaries from the Bureau of Labor Statistics QCEW program, and estimates of supplements to wages and salaries from the NIPAs were used; data were adjusted for misreporting and I-O industry definitions.	
For industries not covered by the QCEW, payroll data from the 2012 Economic Census were used; data were adjusted for misreporting and I-O industry definitions. Benefits data were based on the relationship between the Economic Census, SAS, and Business Expenses Supplement reported benefits and payroll data, applied to the 2012 QCEW wage and salary data. For the remaining industries, benefits were estimated using indirect techniques.	
All estimates were adjusted to sum to total compensation by industry in the NIPAs.	
Taxes on production and imports less subsidies	
The estimates by industry were prepared in two parts: For excise and general sales taxes, the values were estimated either as part of each industry's output or directly assigned; for other taxes, assessments and license fees, the estimates were distributed on the basis of a variety of source data, including state government tax collections statistics, the ASM, ARTS, AWTS and SAS. For all other tax liabilities, estimates were distributed to industries using indirect techniques. Subsidies are directly assigned to specific industries based on which industry is collecting the subsidy.	
All estimates were adjusted to balance to total taxes on production and imports less subsidies, by industry in the national income and product accounts.	
Gross operating surplus	
For most industries, gross operating surplus reflects a quality-weighted average of a residual estimate (total industry output less total intermediate inputs, compensation of employees, and taxes on production and imports less subsidies) and a direct estimate based on summing up the components of gross operating surplus from the NIPAs, adjusted to an establishment basis. ²	

ARTS	Annual Retail Trade Survey	NIPAs	National Income and Product Accounts
ASM	Annual Survey of Manufactures	QCEW	Quarterly Census of Employment and Wages
AWTS	Annual Wholesale Trade Survey	SAS	Service Annual Survey
I-O	Input-Output		

1. Estimates for intermediate inputs were adjusted during the process of balancing commodity purchases across industries with commodity output totals.
2. See Dylan G. Rassier, Thomas F. Howells III, Edward T. Morgan, Nicholas R. Empey, and Conrad E. Roesch, "Integrating the 2002 Benchmark Input-Output Accounts with the 2002 Annual Industry Accounts," Survey of Current Business 87 (December 2007): 14-22.

Table C. Principal Data Sources for Quarterly Industry and Commodity Output and Prices

Industry and commodity	Source data for current-dollar statistics	Source for price indexes
Agriculture, forestry, fishing, and hunting		
Farms	Farm output from the BEA NIPAs based on USDA ERS data	NIPA prices based on USDA price indexes received by farmers
Forestry, fishing, and related activities	For forestry, FRB IPI and BLS PPI; for fishing, commercial fishery landings data from NOAA, and Census M3 data	BLS PPI and USDA National Agriculture Statistics Services unit prices
Mining		
Oil and gas extraction	FRB IPI and BLS PPI	BLS PPI
Mining, except oil and gas	FRB IPI and BLS PPI	BLS PPI
Support activities for mining	FRB IPI, BLS PPI, and NIPA fixed investment in mining exploration based on trade source data	BLS PPI and NIPA prices based on trade source data
Utilities		
	For electric power generation, transmission, and distribution, EIA form 861M; for natural gas distribution, EIA <i>Natural Gas Monthly</i> ; for water, sewage, and other systems, Census Bureau QSS	BLS CPI and BLS PPI
Construction		
Residential	NIPA fixed investment in structures based primarily on Census Bureau VIP survey	Census Bureau price deflator for multi-family home construction, composite price of new single-family houses under construction and the Turner Cost Index, and BEA prices
Nonresidential	NIPA fixed investment in structures based primarily on Census Bureau VIP survey	BEA composite prices based on trade source data and on data from the Bureau of Reclamation and BLS PPI
Manufacturing		
	Census Bureau M3 and NIPA electronic computer shipments; for petroleum products, EIA production data and BLS PPI	BLS PPI and NIPA price indexes based on DOD prices paid for military equipment and NIPA hedonic prices
Wholesale trade		
	Census Bureau Monthly Wholesale Trade Survey data	BLS PPI and NIPA sales deflators
Retail trade		
	Census Bureau Monthly Retail Trade Survey data	BLS PPI and NIPA sales deflators
Transportation and warehousing		
	For air transportation, NIPA PCE and Census Bureau QSS data; for rail transportation, Surface Transportation Board freight earnings data; for water, truck, transit and ground passenger, pipeline transportation, and warehousing, Census Bureau QSS data	For air transportation, BLS PPI; for rail, BLS PPI for rail passenger transportation and BLS PPI for freight; water transportation, BLS PPI, BLS CPI, and trade source data; for truck transportation, BLS PPI; for transit and ground passenger transportation, NIPA PCE prices; for pipeline transportation, BLS PPI; for warehousing, BLS PPI; for other transportation and support activities, NIPA PCE prices and BLS PPI
Information		
	Census Bureau QSS data, BLS QCEW, and box office revenues from trade source data	For publishing industries (including software), BEA prices for software and BLS PPI; for information and data processing, NIPA PCE prices and BLS PPI
Finance and insurance		
Federal Reserve banks, credit intermediation, and related activities	Census Bureau QSS data, Federal Deposit Insurance Corporation commercial bank call report data, FBR data, National Credit Union Administration data, and NIPA measures of financial services indirectly measured	NIPA PCE prices
Securities, commodity contracts, and investments	Census Bureau QSS data and Securities and Exchange Commission <i>Financial and Operational Combined Uniform Single Reports</i>	BLS PPI and NIPA PCE prices
Insurance carriers and related activities	NIPA PCE, Census Bureau QSS data, and trade source data	BLS PPI and NIPA PCE prices
Funds, trusts, and other financial vehicles	NIPA PCE and NIPA imputed service charges for other financial institutions	NIPA PCE prices
Real estate and rental and leasing		
Real estate	For residential dwellings, NIPA PCE, and NIPA housing data; for nonresidential structures, NIPA government receipts, NIPA private fixed investment, NIPA brokers' commissions, BEA foreign expenditures from the international transactions accounts, and BLS QCEW data	For residential dwellings, NIPA PCE prices and NIPA implicit price deflators for farm rents paid; for nonresidential structures, BLS PPI and NIPA implicit price deflators for nonprofit imputed rents
Rental and leasing services and lessors of intangible assets	For rental and leasing services, Census Bureau QSS data, NIPA royalty income, and NIPA PCE rental income	BLS PPI and NIPA prices
Professional, scientific, and technical services	Census Bureau QSS data, NIPA PCE data, BLS QCEW data, and NIPA R&D data	For legal services, BLS PPI and NIPA PCE prices; for computer systems design and related services, BEA price indexes for software; for miscellaneous services, BLS PPI, NIPA PCE prices, and BEA price index for R&D
Management of companies and enterprises		

Industry and commodity	Source data for current-dollar statistics	Source for price indexes
	BLS QCEW data	BLS PPI
Administrative and waste management services		
	Census Bureau QSS data and BLS QCEW data	BLS PPI and NIPA PCE prices
Educational Services		
Health care and social assistance	Census Bureau QSS data and NIPA PCE data	NIPA PCE prices based on trade source data for input costs For ambulatory health care services, NIPA PCE prices based on BLS CPI and BLS PPI; for hospitals and nursing and residential care facilities, NIPA PCE prices based on BLS CPI and Center for Medicare and Medicaid Services; for social assistance, NIPA PCE prices based on trade source data
	Census Bureau QSS data	
Arts, entertainment, and recreation		
	Census Bureau QSS data	BLS PPI and NIPA PCE prices
Accommodation and food services		
	Census Bureau QSS data and Monthly Retail Trade Survey data	For accommodation, BLS PPI and NIPA PCE prices; for food services, NIPA PCE prices
Other services, except government		
	For repair and maintenance, personal services, and grantmaking, civic, professional, and similar organizations, Census Bureau QSS data; for religious, labor, and political organizations, NIPA PCE data; for private households, NIPA compensation	BLS PPI and NIPA PCE prices
Federal		
General government	NIPA government expenditures statistics	NIPA prices based on BLS PPI, BLS CPI, DOD data on employment prices, BLS employment cost indexes, and construction cost indexes from trade source data
Government enterprises	U.S. Postal Service quarterly reports, EIA monthly data for electric utility sales and revenue data for publicly owned utilities, and NIPA PCE data for broader aggregates for other components	BLS PPI and NIPA PCE prices
State and local		
General government	NIPA government expenditures statistics	NIPA PCE prices
Government enterprises	NIPA statistics on government enterprises based on the Census Bureau Annual Survey of Government Finances; for Alaskan ferries, water ports, and airports, Alaska Railroad Administration; for electric utilities, EIA data; for state and local government structures, Census Bureau VIP Survey	BLS PPI and NIPA PCE prices

BEA Bureau of Economic Analysis

BLS Bureau of Labor Statistics

CPI Consumer Price Index

DOD Department of Defense

EIA Energy Information Administration

ERS Economic Research Service

FRB Federal Reserve Board

IPI Industrial production index

M3 Manufacturers' Shipments, Inventories, and Orders

NAICS North American Industry Classification System

NIPA National Income and Product Accounts

NOAA National Oceanic and Atmospheric Administration

PCE Personal Consumption Expenditures

PPI Producer Price Index

QCEW Quarterly Census of Employment and Wages

R&D Research and development

QCEW Census of Employment and Wages

Quarterly

QSS Quarterly Services Survey

USDA United States Department of Agriculture

VIP Value of Construction Put in Place Survey

1. For more information, see "[The 2021 Annual Update of the National Income and Product Accounts](#)," *Survey of Current Business* 101 (August 2021) and Ami Adjoh-Baliki and Jason Sutterley, "[Annual Update of the U.S. International Transactions Accounts](#)," *Survey* 101 (July 2021).
2. The ACS is an annual survey that replaces the discontinued "long form" of the Census Bureau's Decennial Census of Population and Housing. For more information about the ACS, see the Census Bureau's website.
3. For more information on the new source data and estimating method underlying measures of housing services, see Dylan G. Rassier, Bettina H. Aten, Eric B. Figueroa, Solomon Kublashvili, Brian J. Smith, and Jack York, "[Improved Measures of Housing Services for the U.S. Accounts](#)," *Survey* 101 (May 2021).
4. Beginning with the 2018 comprehensive update of the IEAs, the supply-use framework is BEA's featured presentation of input-output tables. For detail, see Jeffrey A. Young, Thomas F. Howells III, Erich H. Strassner, and David B. Wasshausen, "[BEA Briefing: Supply-Use Tables for the United States](#)," *Survey* 95 (September 2015).
5. The quarterly statistics for 2005–2020 were benchmarked to the corresponding annual estimates described below and incorporate revisions resulting from updated quarterly source data and revised seasonal factors. However, the revisions to these quarterly estimates typically follow the revisions to the annual estimates and are therefore not described in detail.

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