

U.S. DEPARTMENT OF COMMERCE BUREAU OF ECONOMIC ANALYSIS

**Budget Estimates
Fiscal Year 2020**

As Presented to Congress

3/18/2019



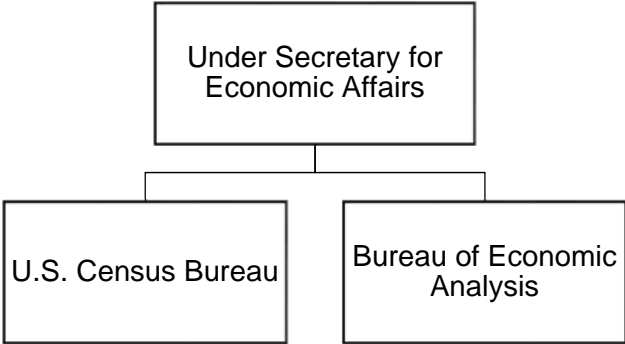
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Department of Commerce
Bureau of Economic Analysis
Budget Estimates, Fiscal Year 2020
Congressional Submission
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Department of Commerce
 Bureau of Economic Analysis

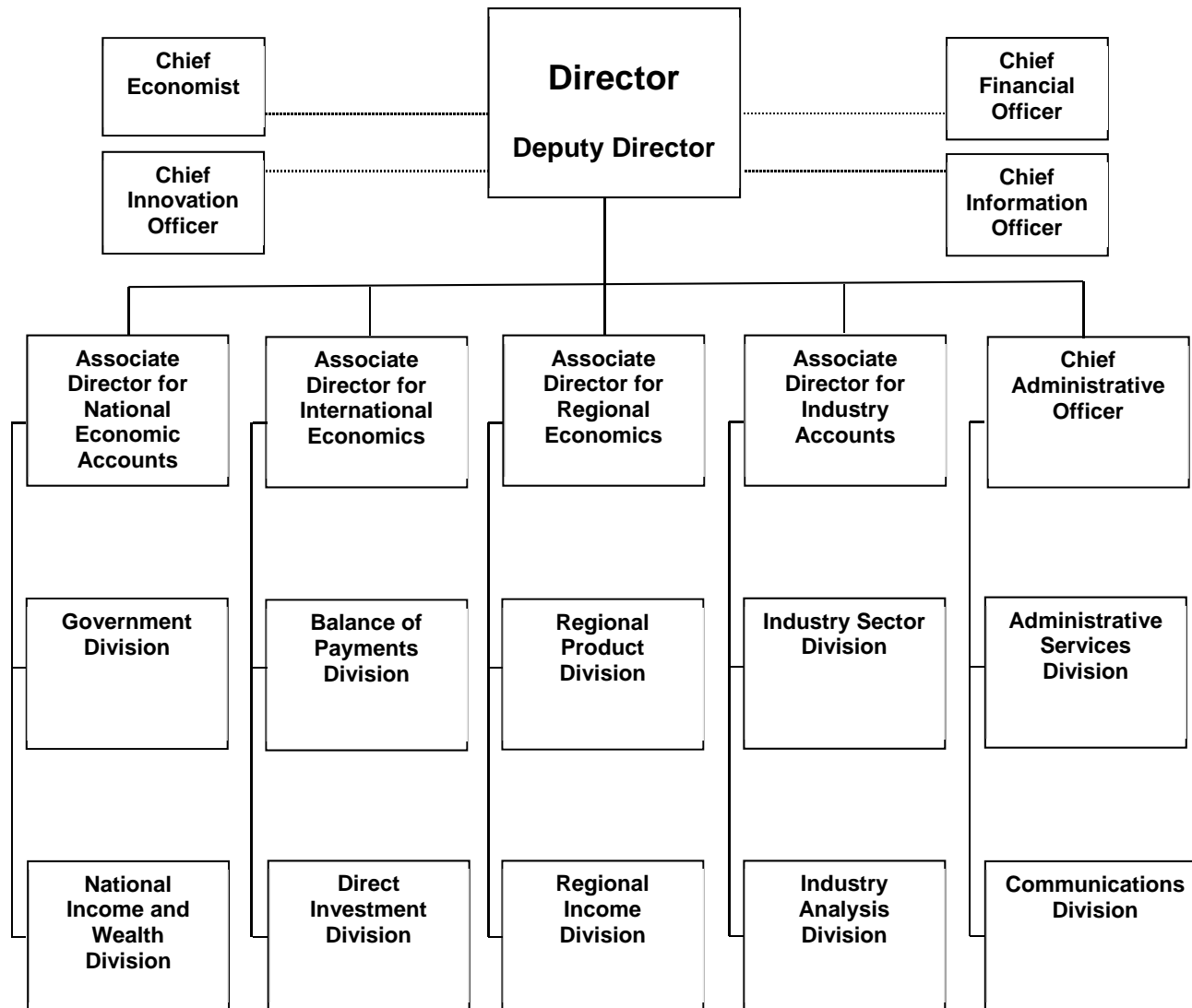
Organization Chart



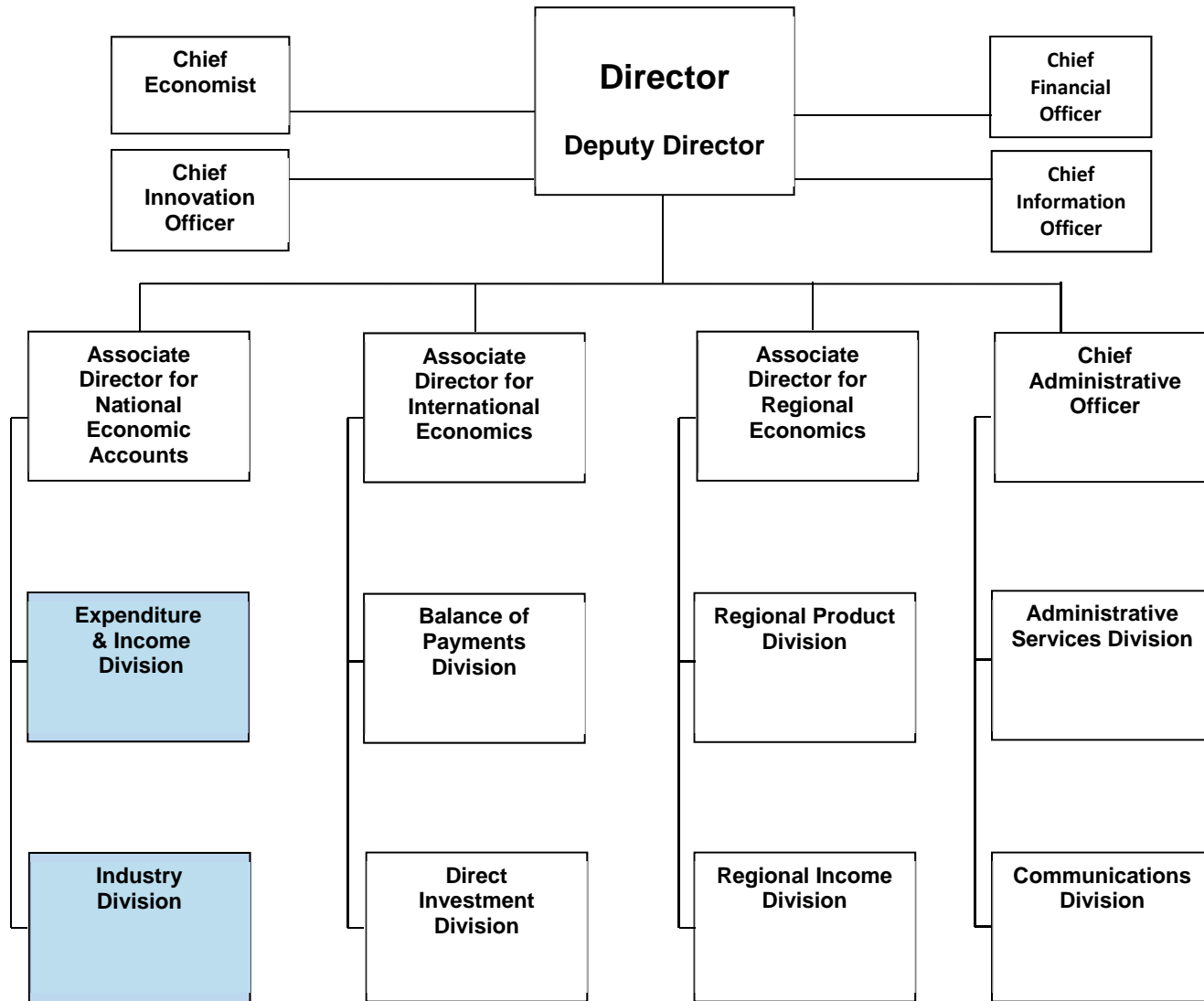
The Bureau of Economic Analysis (BEA). As one of the 13 principal Federal statistical agencies, BEA promotes a better understanding of the U.S. economy by providing timely, relevant, and accurate economic accounts data in an objective and cost-effective manner. BEA’s national, industry, regional, and international economic accounts present valuable information on key issues such as U.S. economic growth, regional economic development, inter-industry relationships, and the Nation's position in the world economy. Some of the widely used statistical measures produced by BEA include gross domestic product (GDP), personal income and outlays, corporate profits, GDP by state and by metropolitan area, balance of payments, and GDP by industry. These statistics are used by Federal, state, and local governments for budget development and projections; by the Federal Reserve for monetary policy; by the business sector for planning and investment; and by the American public to follow and understand the performance of the Nation’s economy. BEA’s strategic vision is to remain the world’s most respected producer of economic accounts.

Under Secretary for Economic Affairs. The Under Secretary for Economic Affairs provides leadership and policy guidance to the Department’s economic and statistical community, including oversight to BEA and the Census Bureau. As the chief economic advisor to the Secretary, the Under Secretary also provides analysis on economic developments, domestic fiscal and monetary policies, and analyzes economic conditions and policy initiatives of major trading partners.

**Department of Commerce
Bureau of Economic Analysis
Current Organization Chart**



Department of Commerce
PROPOSED Bureau of Economic Analysis
Blue = Changed



**Department of Commerce
Bureau of Economic Analysis
Budget Estimates, Fiscal Year 2020**

Executive Summary

The United States is widely recognized as the world's economic information leader. This is due, in large part, to the high-quality statistics produced by BEA. Although a relatively small agency, BEA publishes some of the most closely watched and influential economic indicators that directly affect decisions made by policy makers, business leaders, and consumers. For FY 2020, BEA's budget request of \$108.0 million preserves the timeliness, relevance, and accuracy of some of the nation's most critical economic statistics. Major changes included in this request are a program adjustment of \$2.1 million (and 12 positions) to produce annual GDP statistics for Puerto Rico, \$2.0 million (and 9 positions) to assist in the development of a data service framework, \$2.9 million for adjustments to base and an organizational change to BEA's programs.

Puerto Rico's recent financial crisis and devastation from Hurricane Maria has heightened the need for more accurate information on the Commonwealth's economy. The absence of accurate information on Puerto Rico's economic output and growth has made it challenging for policy makers and businesses to engage in short- and long-term analysis and planning that is critical for developing Puerto Rico's economy. Included in this request is a proposal for BEA to produce GDP for Puerto Rico using currently available data sources and modern methodologies. Because Puerto Rico is not covered by the full slate of Federal data collections, BEA's approach will be similar to the approach it utilizes to estimate GDP for the other four U.S. territories.

Under the direction of the Under Secretary for Economic Affairs (USEA), BEA and the Census Bureau will continue to support government-wide efforts to modernize data collection, analysis and dissemination. Consistent with the recommendations of the Commission on Evidence-Based Policymaking and the authorities granted in the Foundations for Evidence-Based Policymaking Act of 2018 (P.L. 115-435), BEA and Census will partner in FY 2020 to support development of a U.S. Federal Data Service to promote government-wide data access and sharing, improve cross-agency data discovery and utilization, and enhance privacy and confidentiality practices. This initiative will support the newly-required Advisory Committee on Data for Evidence Building (Committee), which is tasked with making recommendations to the Office of Management and Budget (OMB) on how to promote the use of Federal data for evidence building, including through the provision of shared services. The USEA effort will comprise an interdisciplinary team focused on supporting the Committee and its recommendations to OMB by implementing pilot projects designed to: 1) improve access and use of data; 2) inform the acquisition of non-survey-based source data; 3) integrate those data with survey and administrative data, and; 4) pilot applications of new technologies and methods for the protection of privacy and confidentiality. This initiative is complemented by a \$5 million request in Census's FY 2020 Budget.

In addition, BEA continues to support the Administration's proposal to reorganize the Bureau of Labor Statistics alongside the Census Bureau and BEA within the Department of Commerce. The goals of this effort are to increase operational efficiencies; reduce respondent burden; enhance privacy protections; and improve data quality and availability. BEA will work with the Census Bureau and BLS in

identifying next steps in fulfilling this proposal in FY 2020 and FY 2021, after the major field operations of the 2020 Census have been substantially completed.

BEA's proposed FY2020 budget request also includes inflationary adjustments of \$2.9 million to fund the estimated 2020 Federal pay raise of 1.9% and provide for inflationary increases for non-labor activities, including service contracts, utilities and rent.

Lastly, BEA is proposing an organizational change to BEA's national economic and industry accounts programs to promote improvements to existing statistics and faster development of new data products, including satellite accounts for key sectors of the economy. The industry accounts serve as a foundation for the national accounts. The proposed combination of the national and industry accounts programs is a return to a previous organizational structure. Two decades ago, the industry accounts program was separated from the national accounts program and organized as a standalone unit to modernize the industry statistics and lay the groundwork for producing quarterly GDP by industry statistics. The focus now is to accelerate the release of the quarterly industry statistics and harmonize them with the quarterly national measures. This change is a critical step in BEA's reform plan goal of accelerating the publication of GDP by industry and GDP by state statistics so that they are developed and released contemporaneously with the national GDP accounts.

BEA’s Programs and Core Products

10,000 time series produced each month and nearly 2 million data points produced quarterly and annually

National Economic Accounts

Gross Domestic Product (GDP): The broadest measure of the U.S. economy.

Components of GDP show how specific sectors of the economy are performing. GDP and the other components of the National Income and Product Accounts are key ingredients into Federal budget planning, monetary policy, and business planning.

Input-Output Accounts: These accounts provide detailed information on the flows of goods and services to industries for use in their production processes and to final users in the economy. The annual statistics detail these interactions for 71 industries, while the benchmark accounts provide the most comprehensive statistics for approximately 400 industries across the U.S. economy.

GDP by Industry Accounts: These quarterly and annual accounts provide an industry-by-industry breakout of GDP. They are ideally suited for analysis of an industry’s returns to labor and capital and its contribution to U.S. economic growth and inflation.

Personal Income and Outlays: Comprehensive and timely monthly statistics on all income received by persons in the United States, the money they spend on goods and services, and the income they save.

Corporate Profits: The only comprehensive, timely, and consistent statistics on corporate earnings. These statistics are an important baseline for businesses and individuals in judging corporate earnings.

Fixed Assets: Comprehensive statistics on U.S. wealth, including capital stocks, consumer durable goods, and depreciation. These statistics are crucial in the analysis of the effect of wealth on consumer spending, investment, and economic growth.

U.S. Travel and Tourism Accounts: This satellite account provides the most comprehensive and timely picture of direct and indirect sales made in tourism-related industries and their role in the U.S. economy.

Arts and Cultural Production Account: This satellite account provides national and regional statistics on select arts and cultural commodities and industries, including industry output, employment, compensation of employees, and “value added” by industry.

Outdoor Recreation Satellite Account: This satellite account shows how outdoor recreation and the economic activities that support it impact the U.S. economy and includes data on industry output, output by type of outdoor recreation activity, employment, compensation of employees, and value added by industry.

Integrated Macroeconomic Accounts for the United States: Integrated accounts that link production and income to changes in net worth for the U.S. economy. These accounts detail the sources and uses of funds made available for capital formation or net lending as well as track assets and liabilities for all major sectors of the U.S. economy.

Integrated BEA/BLS Industry-Level Production Account: This account integrates statistics on GDP by industry produced by BEA with statistics on capital and labor input from the Bureau of Labor Statistics to trace the sources of U.S. economic growth.

International Economics

U.S. International Transactions (Balance of Payments): These accounts summarize transactions between U.S. and foreign residents, including, for example, transactions in goods and services, debt forgiveness, and transactions in U.S.-owned assets abroad and foreign-owned assets in the United States.

Trade in Goods and Services: Monthly and annual statistics of U.S. imports and exports of goods and services.

International Investment Position: The only comprehensive comparison of the value of U.S.-owned assets abroad and the value of foreign-owned assets in the United States. These statistics facilitate analysis of the economic effects of international lending and investment on the U.S. economy.

Activities of Multinational Enterprises: These data sets cover the financial structure and operations of U.S. multinational enterprises (MNEs) and of U.S. affiliates of foreign MNEs. The data are used to analyze the characteristics and performance of MNEs and to assess their impact on the U.S. and foreign host economies.

New Foreign Direct Investment: These statistics provide information on the acquisition, establishment, and expansion of U.S. business enterprises by foreign direct investors.

Regional Economics

GDP by State, County and Metropolitan Area: These statistics are the regional counterparts to the Nation’s GDP and show the distribution of the Nation’s output produced in each state and the portion of each industry’s output by state, county and metropolitan area.

State and Local Personal Income: These measures report income for states, counties, and metropolitan areas and are used along with GDP by state to allocate close to \$400 billion in Medicaid and other grants to states. States use these measures to project tax receipts and set spending caps.

Regional Input-Output Multipliers: These statistics measure the impacts of government regulations, policies, and programs as well as private-sector economic development plans. Multipliers have been used to study the effects of military base closings, firm relocations, sports facility construction, natural disasters, and terrorist attacks.

Regional Price Parities (RPPs) and Real Personal Income: RPPs measure geographic price level differences across the United States for one time period. These price indexes are used to produce BEA’ estimates of real personal income.

PCE by State: These statistics are the state counterparts to national consumer spending and measure the goods and services purchased by or on behalf of households.

**Department of Commerce
Bureau of Economic Analysis
Salaries and Expenses
FY 2020 PROGRAM INCREASES / DECREASES / TERMINATIONS**
(Dollar amounts in thousands)
(By Appropriation, Largest to Smallest)

Increases

Page No. in CJ	Appropriations	Budget Program	Title of Increase	Positions	Budget Authority
BEA - 25		Bureau of Economic Analysis	Puerto Rico GDP	12	2,122
BEA - 26		Bureau of Economic Analysis	Data Services	9	2,000
Subtotal, Increases				21	4,122

Decreases

Page No. in CJ	Appropriation	Budget Program	Activity/Subactivity	Positions	Budget Authority
n/a					
Subtotal, Decreases				0	0

Terminations

Page No. in CJ	Appropriation	Budget Program	Activity/Subactivity	Positions	Budget Authority
n/a		n/a	n/a	0	0
Subtotal, Terminations				0	0

Total, Increases, Decreases and Terminations 21 4,122

**Department of Commerce
Bureau of Economic Analysis
Salaries and Expenses
SUMMARY OF RESOURCE REQUIREMENTS**
(Dollar amounts in thousands)

	Positions	FTE	Budget Authority	Direct Obligations
2019 Enacted	503	494	101,000	101,000
2020 Adjustments to Base				
plus: Inflationary/Adjustments to base	0	0	2,868	2,868
2020 Base	503	494	103,868	103,868
plus: Puerto Rico GDP	12	9	2,122	2,122
plus: Data Service	9	7	2,000	2,000
2020 Estimate	524	510	107,990	107,990

Comparison by activity/subactivity with totals by subactivity		2018		2019		2020		2020		Increase / Decrease	
		Actual		Enacted		Base		Estimate		From 2020 Base	
		Personnel	Amount	Personnel	Amount	Personnel	Amount	Personnel	Amount	Personnel	Amount
Bureau of Economic Analysis	Pos/BA	494	99,000	494	98,000	494	100,783	515	104,905	21	4,122
	FTE/Obl.	486	99,580	486	98,000	486	100,783	502	104,905	16	4,122
Under Secretary for Economic Affairs	Pos/BA			9	3,000	9	3,085	9	3,085	0	0
	FTE/Obl.			8	3,000	8	3,085	8	3,085	0	
TOTALS	Pos/BA	494	99,000	503	101,000	503	103,868	524	107,990	21	4,122
	FTE/Obl.	486	99,580	494	101,000	494	103,868	510	107,990	16	4,122
Adjustments for Recoveries											
	Unobligated Balance, start of year		(580)								
	Unobligated balance transferred										
	Unobligated Balance, end of year										
	Unobligated balance expiring										
Financing from transfers											
	Transfer from other accounts (-)		(2,000)								
	Transfer to other accounts (+)										
Appropriation			99,000		101,000		103,868		107,990		4,122

**Department of Commerce
Bureau of Economic Analysis
Salaries and Expenses
SUMMARY OF REIMBURSABLE OBLIGATIONS**
(Dollar amounts in thousands)

Comparison by activity			2018		2019		2020		2020		Increase / Decrease	
			Actual		Enacted		Base		Estimate		From 2020 Base	
			Personnel	Amount	Personnel	Amount	Personnel	Amount	Personnel	Amount	Personnel	Amount
<u>Reimbursable projects</u>												
Bureau of Economic Analysis	Pos/BA		19	3,444	10	1,954	9	1,895	9	1,895	0	0
	FTE/Obl.		19	3,444	10	1,954	9	1,895	9	1,895	0	0
Under Secretary for Economic Affairs	Pos/BA						0	0	0	0	0	0
	FTE/Obl.						0	0	0	0	0	0
Total, Reimbursable projects.....	Pos/BA		19	3,444	10	1,954	9	1,895	9	1,895	0	0
	FTE/Obl.		19	3,444	10	1,954	9	1,895	9	1,895	0	0
<u>Subscription and fee sales</u>												
Bureau of Economic Analysis	Pos/BA		1	411	1	411	1	411	1	411	0	0
	FTE/Obl.		1	411	1	411	1	411	1	411	0	0
Under Secretary for Economic Affairs	Pos/BA						0	0	0	0	0	0
	FTE/Obl.						0	0	0	0	0	0
Total, Subscription and fee sales.....	Pos/BA		1	411	1	411	1	411	1	411	0	0
	FTE/Obl.		1	411	1	411	1	411	1	411	0	0
Total, Reimbursable Obligations.....	Pos/BA		20	3,855	11	2,365	10	2,306	10	2,306	0	0
	FTE/Obl.		20		11		10		10		0	

Department of Commerce
Bureau of Economic Analysis
Salaries and Expenses
SUMMARY OF FINANCING
(Dollar amounts in thousands)

	2018 Actual	2019 Enacted	2020 Base	2020 Estimate	Increase / Decrease From 2020 Base
Total Obligations	103,435	103,365	106,174	110,296	4,122
Offsetting collections from:					
Federal Funds	(3,444)	(1,954)	(1,895)	(1,895)	0
Trust funds	0	0	0	0	0
Non-Federal sources	(411)	(411)	(411)	(411)	0
Recoveries and Refunds	0	0	0	0	0
Unobligated balance direct, start of year	(580)	0	0	0	0
Unobligated balance reimbursable, start of year	0	0	0	0	0
Unobligated balance transferred	0	0	0	0	0
Unobligated balance direct, end of year	0	0	0	0	0
Unobligated balance reimbursable, end of year	0	0	0	0	0
Unobligated balance expiring	0	0	0	0	0
Budget Authority	99,000	101,000	103,868	107,990	4,122
Financing:					
Unobligated balance rescission	0	0	0	0	0
Transferred from other accounts (-)	(2,000)	0	0	0	0
Transferred to other accounts (+)	0	0	0	0	0
Appropriation	99,000	101,000	103,868	107,990	4,122

Department of Commerce
Bureau of Economic Analysis
Salaries and Expenses
JUSTIFICATION OF ADJUSTMENTS TO BASE
(Dollar amounts in thousands)

	<u>FTE</u>	<u>Amount</u>
Transfers of Estimates	0	0
Adjustment	0	0
Financing	0	0
<hr/>		
Other Changes:		
2019 Pay raise		1,052
2020 Pay raise	0	0
Full-year cost in 2020 of positions financed for part-year in 2019	0	0
Change in compensable days		279
Civil Service Retirement System (CSRS)		(47)
Federal Employees Retirement System (FERS)		1,343
Thrift Savings Plan		13
Federal Insurance Contribution Act (FICA) - OASDI		76
Health insurance		41
Employees Compensation Fund		(11)
Travel:		
Mileage		0
Per diem		5
Rental payments to GSA		30
Postage		0
Printing and reproduction		0
NARA Storage & Maintenance		(1)
Other services:		
Working Capital Fund		88
General Pricing Level Adjustment		0
Subtotal, other changes	0	2,868
Total, adjustments to base	<hr/> 0	<hr/> 2,868

Department of Commerce
Bureau of Economic Analysis
Salaries and Expenses
PROGRAM AND PERFORMANCE: DIRECT OBLIGATIONS
(Dollar amounts in thousands)

Activity: National Economic Accounts

Comparison by line item		2018		2019		2020		2020		Increase / Decrease	
		Actual		Enacted		Base		Estimate		From 2020 Base	
		Personnel	Amount	Personnel	Amount	Personnel	Amount	Personnel	Amount	Personnel	Amount
National Economic Accounts.....	Pos/BA	162	32,670	162	32,340	162	33,258	244	49,108	82	15,850
	FTE/Obl.	158	32,861	158	32,340	158	33,258	237	49,108	79	15,850
Direct Obligations.....	Pos/BA	162	32,670	162	32,340	162	33,258	244	49,108	82	15,850
	FTE/Obl.	158	32,861	158	32,340	158	33,258	237	49,108	79	15,850

Activity: Industry Accounts

Comparison by line item		2018		2019		2020		2020		Increase / Decrease	
		Actual		Enacted		Base		Estimate		From 2020 Base	
		Personnel	Amount	Personnel	Amount	Personnel	Amount	Personnel	Amount	Personnel	Amount
Industry Accounts	Pos/BA	70	12,870	70	12,740	70	13,102	0	0	(70)	(13,102)
	FTE/Obl.	70	12,945	70	12,740	70	13,102	0	0	(70)	(13,102)
Direct Obligations.....	Pos/BA	70	12,870	70	12,740	70	13,102	0	0	(70)	(13,102)
	FTE/Obl.	70	12,945	70	12,740	70	13,102	0	0	(70)	(13,102)

Activity: International Economics

Comparison by line item		2018		2019		2020		2020		Increase / Decrease	
		Actual		Enacted		Base		Estimate		From 2020 Base	
		Personnel	Amount	Personnel	Amount	Personnel	Amount	Personnel	Amount	Personnel	Amount
International Economics.....	Pos/BA	175	34,650	175	34,300	175	35,274	180	35,961	5	687
	FTE/Obl.	172	34,853	172	34,300	172	35,274	176	35,961	4	687
Direct Obligations.....	Pos/BA	175	34,650	175	34,300	175	35,274	180	35,961	5	687
	FTE/Obl.	172	34,853	172	34,300	172	35,274	176	35,961	4	687

Activity: Regional Economics

Comparison by line item		2018		2019		2020		2020		Increase / Decrease	
		Actual		Enacted		Base		Estimate		From 2020 Base	
		Personnel	Amount	Personnel	Amount	Personnel	Amount	Personnel	Amount	Personnel	Amount
Regional Economics.....	Pos/BA	87	18,810	87	18,620	87	19,149	91	19,836	4	687
	FTE/Obl.	86	18,920	86	18,620	86	19,149	89	19,836	3	687
Direct Obligations.....	Pos/BA	87	18,810	87	18,620	87	19,149	91	19,836	4	687
	FTE/Obl.	86	18,920	86	18,620	86	19,149	89	19,836	3	687

Activity: Under Secretary for Economic Affairs

Comparison by line item		2018 Actual		2019 Enacted		2020 Base		2020 Estimate		Increase / Decrease From 2020 Base	
		Personnel	Amount	Personnel	Amount	Personnel	Amount	Personnel	Amount	Personnel	Amount
Under Secretary for Economic Affairs...	Pos/BA			9	3,000	9	3,085	9	3,085	0	0
	FTE/Obl.			8	3,000	8	3,085	8	3,085	0	0
Direct Obligations.....	Pos/BA			9	3,000	9	3,085	9	3,085	0	0
	FTE/Obl.			8	3,000	8	3,085	8	3,085	0	0

Department of Commerce
Bureau of Economic Analysis
Salaries and Expenses
PROGRAM AND PERFORMANCE: REIMBURSABLE OBLIGATIONS
(Dollar amounts in thousands)

Activity: National Economic Accounts

Comparison by line item		2018		2019		2020		2020		Increase / Decrease	
		Actual		Enacted		Base		Estimate		From 2020 Base	
		Personnel	Amount	Personnel	Amount	Personnel	Amount	Personnel	Amount	Personnel	Amount
National Economic Accounts.....	Pos/BA	4	1,003	4	1,007	4	1,007	9	1,730	5	723
	FTE/Obl.	4	1,003	4	1,007	4	1,007	9	1,730	5	723
Reimbursable Obligations.....	Pos/BA	4	1,003	4	1,007	4	1,007	9	1,730	5	723
		4	1,003	4	1,007	4	1,007	9	1,730	5	723

Activity: Industry Accounts

Comparison by line item		2018		2019		2020		2020		Increase / Decrease	
		Actual		Enacted		Base		Estimate		From 2020 Base	
		Personnel	Amount	Personnel	Amount	Personnel	Amount	Personnel	Amount	Personnel	Amount
Industry Accounts	Pos/BA	14	2,229	5	731	5	731	0	0	(5)	(731)
	FTE/Obl.	14	2,229	5	731	5	731	0	0	(5)	(731)
Reimbursable Obligations.....	Pos/BA	14	2,229	5	731	5	731	0	0	(5)	(731)
	FTE/Obl.	14	2,229	5	731	5	731	0	0	(5)	(731)

Activity: International Economics

Comparison by line item		2018 Actual		2019 Enacted		2020 Base		2020 Estimate		Increase / Decrease From 2020 Base	
		Personnel	Amount	Personnel	Amount	Personnel	Amount	Personnel	Amount	Personnel	Amount
International Economics.....	Pos/BA	0	132	0	135	0	135	0	82	0	(53)
	FTE/Obl.	0	132	0	135	0	135	0	82	0	(53)
Reimbursable Obligations.....	Pos/BA	0	132	0	135	0	135	0	82	0	(53)
	FTE/Obl.	0	132	0	135	0	135	0	82	0	(53)

Activity: Regional Economics

Comparison by line item		2018 Actual		2019 Enacted		2020 Base		2020 Estimate		Increase / Decrease From 2020 Base	
		Personnel	Amount	Personnel	Amount	Personnel	Amount	Personnel	Amount	Personnel	Amount
Regional Economics.....	Pos/BA	1	491	1	492	1	492	1	494	0	2
	FTE/Obl.	1	491	1	492	1	492	1	494	0	2
Reimbursable Obligations.....	Pos/BA	1	491	1	492	1	492	1	494	0	2
	FTE/Obl.	1	491	1	492	1	492	1	494	0	2

Activity: Under Secretary for Economic Affairs

		2018 Actual		2019 Enacted		2020 Base		2020 Estimate		Increase / Decrease From 2020 Base	
Comparison by line item		Personnel	Amount	Personnel	Amount	Personnel	Amount	Personnel	Amount	Personnel	Amount
Under Secretary for Economic Affairs.	Pos/BA							0	0	0	0
	FTE/Obl.							0	0	0	0
Reimbursable Obligations.....	Pos/BA							0	0	0	0
	FTE/Obl.							0	0	0	0

**Department of Commerce
Bureau of Economic Analysis
Salaries and Expenses
JUSTIFICATION OF PROGRAM AND PERFORMANCE**

Activity: National Economic Accounts

Goal Statement

In FY2020, the National Economic Accounts program and the Industry Accounts program have been combined into an integrated National Economic Accounts program, in order to promote improvements to existing statistics and faster development of new data products. The goal of this combined program is to produce official measures of U.S. domestic production from all three estimation approaches: expenditure, income, and industry. This program directly contributes to the Department's strategic objective of providing accurate data to support economic activity. More specifically, the reorganization positions BEA to deliver more effectively on the DOC strategies of 1) providing a timely, multi-faceted, and accurate description of the nation's economy and 2) developing new data products that capture components of the dynamic U.S. economy.

Base Program

The National Income and Product Accounts (NIPAs), featuring Gross Domestic Product (GDP), provide a comprehensive, up-to-date picture of the economy, including in-depth information on consumption, investment, and exports and imports, as well as national and personal income and saving and the transactions of Federal, state, and local government. The input-output (I-O) accounts show the flow of goods and services from each industry to other industries and to final users in the economy and the income originating in each industry. The GDP-by-industry accounts include estimates of value added by industry—a measure of the contribution of each private industry and of government to the Nation's GDP. The fixed assets accounts provide statistics on physical structures, capital equipment and software, and consumer durable goods held by businesses, governments, and others.

Statement of Operating Objectives

The objective of BEA's integrated National Economic Accounts program is produce statistics that provide a comprehensive view of U.S. production. The combined program will produce statistics on consumption; investment; exports and imports; national and domestic income, including measures of corporate profits and saving; the interrelationships between U.S. producers and users of goods and services; and the contribution to production across industries. These statistics are some of the Nation's most important and closely watched economic statistics and used by the White House and Congress to prepare the Federal budget, by the Federal Reserve to formulate monetary policy, by other government statistical agencies as the foundation for many data products (such as the Bureau of Labor Statistics' producer price indexes), by Wall Street as an indicator of economic activity, and by the business community to prepare forecasts of economic performance that provide the basis for production, investment, and employment planning.

Explanation & Justification

		2018 Actual		2019 Enacted		2020 Base	
		Personnel	Amount	Personnel	Amount	Personnel	Amount
National Economic Accounts.....	Pos/BA	232	45,540	232	45,080	232	46,360
	FTE/Obl.	228	45,807	228	45,080	228	46,360

The FY2020 request for the National Economic Accounts program funds the production of the critical statistical products presented in exhibit 3 in accordance with OMB statistical policy directive #3 for principal economic indicators. This program uses a variety of private and public data sources to produce GDP, the input-output accounts, and related statistics. Since these statistics rely heavily on existing public data sources, the largest share of funding for this program is for labor resources with smaller shares for IT infrastructure support and private data acquisition. The release schedule for the major data products of the National Economic Accounts program is published prior to the start of each calendar year as required by OMB directive #3 and available on BEA's website: <https://www.bea.gov/news/schedule>.

Activity: International Economics

Goal Statement

The goal of this program is to produce the international accounts that provide a detailed picture of economic activity between the United States and the rest of the world. This program directly contributes to the Department's strategic objective of providing accurate data to support economic activity.

Base Program

The International Transactions Accounts (ITAs), also referred to as the balance of payments accounts and the International Investment Position accounts (IIPs), provide a comprehensive and detailed view of economic transactions between the United States and other countries. Major types of transactions covered by this program include trade in goods; trade in travel, transportation, and other private services; income from international investment; U.S. Government military and other services; private remittances; foreign aid programs; private financial flows; and changes in foreign official assets in the United States and U.S. official reserve assets. The IIPs provide statistics on the accumulated stocks of U.S.-owned assets abroad and of foreign-owned assets in the United States, as well as statistics on the value of the net international investment position of the United States. BEA's direct investment programs are required by law and critical to understanding the impact of U.S. and foreign multinational companies on the U.S. and world economies.

Statement of Operating Objectives

The objective of BEA's International Economics program is to produce timely and accurate international statistics that track the performance of the U.S. economy and to foster U.S. trade. These accounts provide detail on the relative strength of the United States with respect to trade and international investment, as well as on the value of U.S. international assets and liabilities and direct investment by multinational companies. The international statistics also form the foundation from which businesses and policy makers make key decisions that improve the global competitiveness of the United States.

Explanation & Justification

		2018 Actual		2019 Enacted		2020 Base	
		Personnel	Amount	Personnel	Amount	Personnel	Amount
International Economics.....	Pos/BA	175	34,650	175	34,300	175	35,274
	FTE/Obl.	172	34,853	172	34,300	172	35,274

The FY2020 request for the International Economics program funds the production of the critical statistical products listed in exhibit 3 accordance with OMB statistical policy directive #3 for principal economic indicators. BEA's international accounts are also a critical and necessary input in the production of GDP and required by statute (Bretton Woods Act). Production of the international accounts relies heavily on data collected from BEA's trade in services and direct investment surveys conducted by the International Economics program. In addition to directly collected survey data, the International Economics program uses myriad private and public data sources to produce the international accounts. The largest share of funding for this program is for labor resources for the program's survey collection and statistical production operations and a smaller share for IT infrastructure support and private data acquisition. The release schedule for the major statistical products of this program is published prior to the start of each calendar year as required by OMB directive #3 and available on BEA's website: <https://www.bea.gov/news/schedule> on bea.gov.

Activity: Regional Economics

Goal Statement

The goal of this program is to produce measures that show the geographic distribution of the Nation’s output and income and are critical for gauging the economic health of local economies. This program directly contributes to the Department’s strategic objective of providing accurate data to support economic activity.

Base Program

The Regional Economics program provides detail on economic activity by region, state, metropolitan area, and county. The accounts include estimates of GDP by state and of personal income by state and local area. These regional datasets are consistent with the statistics in BEA’s national economic accounts. BEA also prepares regional economic multipliers for geographies defined by its users.

Statement of Operating Objectives

The objective of the Regional Economics Program is to produce timely and accurate regional statistics to track the performance of the U.S. economy. The statistics on GDP by state, state and local area personal income, and their accompanying detail provide a consistent framework for analyzing and comparing state and local area economies. Additionally, the data are used by academic researchers, business leaders, trade associations, and labor organizations for area-specific market research.

Explanation & Justification

		2018 Actual		2019 Enacted		2020 Base	
		Personnel	Amount	Personnel	Amount	Personnel	Amount
Regional Economics.....	Pos/BA	87	18,810	87	18,620	87	19,836
	FTE/Obl.	86	18,920	86	18,620	86	19,836

The FY 2020 request for the Regional Economics 87 program funds the production of the critical statistical products presented in exhibit 3. Regional accounts data are required by the formula used to allocate close to \$400 billion in Federal Funds and are the basis for virtually all states’ spending and revenue forecasts. Twenty-six states have set constitutional or statutory limits on state government revenues or spending that are tied to BEA’s state personal income statistics and related components. The Regional Economics program uses a variety of private and public source data to produce the regional counterparts to GDP and Personal Income. The largest share of funding for this program is for labor resources for the compilation of the regional accounts and smaller shares for IT infrastructure support and private data acquisition. The release schedule for the major statistical products of

this program is published prior to the start of each calendar year and available on BEA's website:
<https://www.bea.gov/news/schedule> on [bea.gov](https://www.bea.gov).

Activity: Under Secretary for Economic Affairs

Goal Statement

The Under Secretary for Economic Affairs provides oversight for the dissemination of national economic indicators as part of the Department's premier statistical programs.

Base Program

The Under Secretary for Economic Affairs ensures that the activities of BEA, the Census Bureau, and other Commerce economic and statistical analysis programs align with Departmental goals and provides mission-critical services that include program support, policy guidance, and oversight.

Statement of Operating Objectives

The Under Secretary for Economic Affairs is a discrete office that directly supports the Secretary in conducting oversight responsibilities of the Department's economic and statistical analysis programs. The Under Secretary leads oversight activities of both BEA and the Census Bureau on high-priority management, budget, employment, and risk management issues, such as the 2020 Decennial Census, by integrating such work with the priorities and requirements of the Department and other government entities. The Under Secretary also advises the Secretary and other Government officials on matters related to the Nation's economy through the development of positions relating to economic policy, participation in White House policy councils, and the Secretary's role on the Board of the Pension Benefit Guaranty Corporation (PBGC).

Explanation & Justification

		2018 Actual		2019 Enacted		2020 Base	
		Personnel	Amount	Personnel	Amount	Personnel	Amount
Under Secretary for Economic Affairs	Pos/BA			9	3,000	9	3,085
	FTE/Obl.			8	3,000	8	3,085

The FY2020 request for the Office of the Under Secretary for Economic Affairs is necessary to carry out the essential operations of this office as described in the statement of operating objectives. The largest share of funding for this office is for labor resources to accomplish the oversight, program support and policy guidance activities of the office.

**Department of Commerce
Bureau of Economic Analysis
Salaries and Expenses
PROGRAM CHANGES FOR FY 2020**
(Dollar amounts in thousands)

	2020 Base		2020 Estimate		Increase/Decrease from 2020 Base	
	Personnel	Amount	Personnel	Amount	Personnel	Amount
	Program Adjustment: Puerto Rico GDP					
Pos/BA	0	0	12	2,122	12	2,122
FTE/Obl.	0	0	9	2,122	9	2,122

BEA currently produces GDP for four U.S. territories under an agreement with the Department of the Interior, but these estimates do not include Puerto Rico. Puerto Rico's national economic accounts are produced and published annually by the Government of Puerto Rico, but the methods used have not been updated for many years and do not follow the latest international guidelines for producing national economic accounts. The absence of accurate information on Puerto Rico's economic output and growth has made it challenging for policy makers and businesses to engage in short- and long-term analysis and planning that is critical for developing Puerto Rico's economy.

Various stakeholders, including the Congressional Task Force on Economic Growth in Puerto Rico, have recommended that BEA calculate GDP for Puerto Rico. At this point in time, it is not possible to use the same methodologies and data sources to produce GDP estimates for Puerto Rico as BEA uses to produce national and state GDP estimates since the Commonwealth is not currently included in a number of key Federal economic surveys, most notably several conducted by the Census Bureau and Bureau of Labor Statistics. As an alternative, this request includes a lower-cost option to produce GDP statistics for Puerto Rico using currently available data sources and modern methodologies. This proposed option would be significantly less costly than survey expansions and using data sources comparable to those used in the U.S. GDP accounts. However, it would be higher than the annual cost to produce GDP for the other four territories due to the relative complexity and size of the Puerto Rican economy (including its public sector), and the wide variety of data sources that would need to be integrated for this effort.

Performance Measures

	2020	2021	2022	2023	2024
Complete all major milestones related to improving BEA's economic accounts	Successful completion of project milestones	Successful completion of project milestones	Successful completion of project milestones	Successful completion of project milestones	Successful completion of project milestones

**Department of Commerce
Bureau of Economic Analysis
Salaries and Expenses
PROGRAM CHANGES FOR FY 2020**
(Dollar amounts in thousands)

	2020 Base		2020 Estimate		Increase/Decrease from 2020 Base	
	Personnel	Amount	Personnel	Amount	Personnel	Amount
	Program Adjustment: Data Service					
Pos/BA	0	0	9	2,000	9	2,000
FTE/Obl.	0	0	7	2,000	7	2,000

Under the direction of the Under Secretary for Economic Affairs (USEA), BEA and the Census Bureau will continue to support government-wide efforts to modernize data collection, analysis, and dissemination. Consistent with the recommendations of the Commission on Evidence-Based Policymaking and the authorities granted in the Foundations for Evidence-Based Policymaking Act of 2017 (P.L. 115-435), BEA and Census will partner in FY 2020 to support development of a framework for a U.S. Federal Data Service to promote government-wide data access and sharing, improve cross-agency data discovery and utilization, and enhance privacy and confidentiality practices. This initiative will support the newly-required Advisory Committee on Data for Evidence Building (Committee), which is tasked with making recommendations to the Office of Management and Budget (OMB) on how to promote the use of Federal data for evidence building, including through the provision of shared services. The USEA effort will comprise an interdisciplinary team focused on supporting the Committee and its recommendations to OMB by implementing pilot projects designed to: 1) improve access and use of data; 2) inform the acquisition of non-survey-based source data; 3) integrate those data with survey and administrative data, and; 4) pilot applications of new technologies and methods for the protection of privacy and confidentiality. This initiative is complemented by a \$5 million request in the Census Bureau's FY 2020 Budget.

Performance Measures

	2020	2021	2022	2023	2024
Complete all major milestones related to improving BEA's economic accounts	Successful completion of project milestones	Successful completion of project milestones	Successful completion of project milestones	Successful completion of project milestones	Successful completion of project milestones

**Department of Commerce
Bureau of Economic Analysis
Salaries and Expenses
PROGRAM CHANGES FOR FY 2020**
(Dollar amounts in thousands)

	2020 Base		2020 Estimate		Increase/Decrease from 2020 Base	
	Personnel	Amount	Personnel	Amount	Personnel	Amount
	Organizational Change to BEA's programs					
Pos/BA	0	0	0	0	0	0
FTE/Obl.	0	0	0	0	0	0

The interdependent relationship of BEA's national and industry economic accounts, paired with improvements in IT tools and business processes, offers an opportunity to combine the operations of the two work areas under an integrated national economic accounts program.

This organizational change is an essential step in BEA's reform plans to harmonize the national, state and industry releases of GDP and marks a return to a previous organizational structure. The industry accounts serve as a foundation for the national accounts. Two decades ago, the industry accounts program was separated from the national accounts program and organized as a standalone unit to modernize the industry statistics and lay the groundwork for producing quarterly GDP by industry statistics. Since then, the industry program evolved from publishing statistics once every 5 years based on data from the economic census to releasing data each quarter. Now that the industry accounts have been modernized, combining the industry and national programs would facilitate the integration of the industry and national measures of GDP. In this way, the industry statistics would inform the national statistics on a quarterly basis instead of only once every 5 years, improving the accuracy and overall quality of both sets of accounts. The integration of these programs positions BEA to maintain its innovative edge, further modernize its processes, improve existing data products, develop new statistics, and continue to build and support a dynamic and flexible workforce.

Department of Commerce
Bureau of Economic Analysis
Salaries and Expenses
PROGRAM CHANGE PERSONNEL DETAIL
(Dollar amounts in thousands)

Activity: Bureau of Economic Analysis
Program Change: Puerto Rico GDP

Title	Band	Number	Annual Salary	Total Salaries
Economist	SES	0.25	185,563	46,391
Economist	V	1.5	161,618	242,427
Economist	IV	2	139,304	278,608
Economist	III	4	98,063	392,252
Economist	II	2	71,151	142,302
Management Analyst	V	0.5	161,618	80,809
Management Analyst	II	1	71,151	71,151
IT Specialist	IV	0.75	139,304	104,478
Total		12		1,358,418
Less lapse		-3		-339,604
Total full-time permanent (FTE)		9		1,018,813
2020 Pay Adjustment (0.00%)				0
				1,018,813

Personnel Data
Full-time Equivalent Employment

Full-time permanent	9
Other than full-time permanent	0
Total	9

Authorized Positions:

Full-time permanent	12
Other than full-time permanent	0
Total	12

**Department of Commerce
Bureau of Economic Analysis
Salaries and Expenses
PROGRAM CHANGE PERSONNEL DETAIL**
(Dollar amounts in thousands)

Activity: Bureau of Economic Analysis
Program Change: Data Service

Title	Band	Number	Annual Salary	Total Salaries
Economist	SES	0.5	185,563	92,782
Economist	V	5	161,618	808,090
Economist	IV	1	139,304	139,304
Management Analyst	V	2	161,618	323,236
IT Specialist	IV	0.5	139,304	69,652
Total		9		1,433,064
Less lapse		-2		-358,266
Total full-time permanent (FTE)		7		1,074,798
2020 Pay Adjustment (0.00%)				0
				<u>1,074,798</u>

Personnel Data

Full-time Equivalent Employment

Full-time permanent	7
Other than full-time permanent	0
Total	<u>7</u>

Authorized Positions:

Full-time permanent	9
Other than full-time permanent	0
Total	<u>9</u>

Department of Commerce
Bureau of Economic Analysis
Salaries and Expenses
PROGRAM CHANGE DETAIL BY OBJECT CLASS
(Dollar amounts in thousands)

Activity: Bureau of Economic Analysis
Subactivity: Puerto Rico GDP
Object Class

	2018 Actual	2019 Enacted	2020 Base	2020 Estimate	2020 Increase / (Decrease)
11					
11.1					
11.3					
11.5					
11.8					
11.9					
12.1					
13.0					
21.0					
22.0					
23.1					
23.2					
23.3					
24.0					
25.1					
25.2					
25.3					
25.4					
25.7					
26.0					
31.0					
99.0					

Department of Commerce
Bureau of Economic Analysis
Salaries and Expenses
PROGRAM CHANGE DETAIL BY OBJECT CLASS
(Dollar amounts in thousands)

Activity: Bureau of Economic Analysis
Subactivity: Data Service
Object Class

		2018 Actual	2019 Enacted	2020 Base	2020 Estimate	2020 Increase / (Decrease)
11	Personnel compensation					
11.1	Full-time permanent	0	0	0	1,075	1,075
11.3	Other than full-time permanent	0	0	0	0	0
	<i>Subtotal 11-01 and 11-03</i>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1,075</u>	<u>1,075</u>
11.5	Other personnel compensation	0	0	0	0	0
11.8	Special personnel services payments	0	0	0	0	0
11.9	Total personnel compensation	<u>0</u>	<u>0</u>	<u>0</u>	<u>1,075</u>	<u>1,075</u>
12.1	Civilian personnel benefits	0	0	0	344	344
13.0	Benefits for former personnel	0	0	0	0	0
21.0	Travel and transportation of persons	0	0	0	15	15
22.0	Transportation of things	0	0	0	0	0
23.1	Rental payments to GSA	0	0	0	0	0
23.2	Rental payments to others	0	0	0	0	0
23.3	Communications, utilities and miscellaneous	0	0	0	0	0
24.0	Printing and reproduction	0	0	0	0	0
25.1	Advisory and assistance services	0	0	0	0	0
25.2	Other services from non-federal sources	0	0	0	452	452
25.3	Purchases of goods and services from Gov't	0	0	0	114	114
25.4	Operation and maintenance of facilities	0	0	0	0	0
25.7	Operation and maintenance of equipment	0	0	0	0	0
26.0	Supplies and materials	0	0	0	0	0
31.0	Equipment	0	0	0	0	0
99.0	Total Obligations	<u>0</u>	<u>0</u>	<u>0</u>	<u>2,000</u>	<u>2,000</u>

Department of Commerce
Bureau of Economic Analysis
Salaries and Expenses
SUMMARY OF REQUIREMENTS BY OBJECT CLASS
(Dollar amounts in thousands)

Object Class	2018 Actual	2019 Enacted	2020 Base	2020 Estimate	Increase / (Decrease) from 2020 base
11 Personnel compensation					
11.1 Full-time permanent	52,948	54,018	55,349	57,443	2,094
11.3 Other than full-time permanent	779	795	795	795	0
11.5 Other personnel compensation	553	564	564	564	0
11.8 Special personnel services payments	0	0	0	0	0
11.9 Total personnel compensation	54,280	55,376	56,707	58,801	2,094
12.1 Civilian personnel benefits	16,986	17,419	18,834	19,504	670
13.0 Benefits for former personnel	25	26	26	26	0
21.0 Travel and transportation of persons	265	270	275	305	30
22.0 Transportation of things	20	20	20	20	0
23.1 Rental payments to GSA	4,478	4,568	4,598	4,598	0
23.2 Rental payments to others	369	376	376	376	0
23.3 Communications, utilities and miscellaneous	564	575	575	575	0
24.0 Printing and reproduction	20	20	20	20	0
25.1 Advisory and assistance services	129	132	132	132	0
25.2 Other services from non-federal sources	8,585	8,668	8,668	9,683	1,015
25.3 Purchases of goods and services from Gov't	10,347	10,556	10,643	10,956	313
25.4 Operation and maintenance of facilities	630	643	643	643	0
25.7 Operation and maintenance of equipment	182	186	186	186	0
26.0 Supplies and materials	1,502	1,532	1,532	1,532	0
31.0 Equipment	618	630	630	630	0
99.0 Total Obligations	99,000	101,000	103,868	107,990	4,122

Less, Prior Year Unobligated Balance					
Less, Prior Year Recoveries and Refunds					
Plus, Unobligated Balance, EOY	580				
Plus, Unobligated Balance, Expiring					
Total Budget Authority	99,580	101,000	103,868	107,990	4,122

Personnel Data

Full-Time Equivalent Employment	486	494	494	510	16
Authorized Positions	494	503	503	524	21

Department of Commerce
Bureau of Economic Analysis/National Economic Accounts
Salaries and Expenses
SUMMARY OF REQUIREMENTS BY OBJECT CLASS
(Dollar amounts in thousands)

Object Class	2018 Actual	2019 Enacted	2020 Base	2020 Estimate	2020 Increase / (Decrease)
11 Personnel compensation					
11.1 Full-time permanent	17,411	17,235	18,722	27,645	8,923
11.3 Other than full-time permanent	506	501	515	761	246
11.5 Other personnel compensation	352	349	358	529	171
11.8 Special personnel services payments	0	0	0	0	0
11.9 Total personnel compensation	18,269	18,085	19,595	28,935	9,340
12.1 Civilian personnel benefits	4982	4,931	5,072	7,489	2,417
13.0 Benefits for former personnel	7	7	7	11	4
21.0 Travel and transportation of persons	99	98	101	149	48
22.0 Transportation of things	1	1	1	2	1
23.1 Rental payments to GSA	1378	1,364	1,403	2,071	668
23.2 Rental payments to others	0	0	0	0	0
23.3 Communications, utilities and miscellaneous	288	285	293	433	140
24.0 Printing and reproduction	60	59	61	90	29
25.1 Advisory and assistance services	1342	1,328	1,366	2,017	651
25.2 Other services from non-federal sources	1725	1,708	1,091	1,609	518
25.3 Purchases of goods and services from Gov't	2760	2,732	2,477	3,658	1,181
25.4 Operation and maintenance of facilities	393	389	400	591	191
25.7 Operation and maintenance of equipment	502	497	511	755	244
26.0 Supplies and materials	474	470	483	712	229
31.0 Equipment	390	386	397	586	189
99.0 Total Obligations	32,670	32,340	33,258	49,108	15,850
Less, Prior Year Unobligated Balance					
Less, Prior Year Recoveries and Refunds					
Plus, Unobligated Balance, EOY					
Plus, Unobligated Balance, Expiring					
Total Budget Authority	32,671	32,340	33,258	49,108	15,850

Full-Time Equivalent Employment:	158	158	158	237	79
Positions:	162	162	162	244	82

Department of Commerce
Bureau of Economic Analysis/Industry Accounts
Salaries and Expenses
SUMMARY OF REQUIREMENTS BY OBJECT CLASS
(Dollar amounts in thousands)

Object Class	2018 Actual	2019 Enacted	2020 Base	2020 Estimate	2020 Increase / (Decrease)
11 Personnel compensation					
11.1 Full-time permanent	6,666	6,981	7,179	0	(7,179)
11.3 Other than full-time permanent	101	100	103	0	(103)
11.5 Other personnel compensation	136	135	138	0	(138)
11.8 Special personnel services payments	0	0	0	0	0
11.9 Total personnel compensation	6,903	7,216	7,420	0	(7,420)
12.1 Civilian personnel benefits	2,018	1,998	2,054	0	(2,054)
13.0 Benefits for former personnel	3	3	3	0	(3)
21.0 Travel and transportation of persons	78	77	79	0	(79)
22.0 Transportation of things	0	0	0	0	0
23.1 Rental payments to GSA	657	650	669	0	(669)
23.2 Rental payments to others	0	0	0	0	0
23.3 Communications, utilities and miscellaneous	115	114	117	0	(117)
24.0 Printing and reproduction	24	24	24	0	(24)
25.1 Advisory and assistance services	699	692	712	0	(712)
25.2 Other services from non-federal sources	974	709	730	0	(730)
25.3 Purchases of goods and services from Gov't	700	566	582	0	(582)
25.4 Operation and maintenance of facilities	156	154	159	0	(159)
25.7 Operation and maintenance of equipment	199	197	203	0	(203)
26.0 Supplies and materials	189	187	192	0	(192)
31.0 Equipment	155	153	158	0	(158)
99.0 Total Obligations	12,870	12,740	13,102	0	(13,102)
Less, Prior Year Unobligated Balance					
Less, Prior Year Recoveries and Refunds					
Plus, Unobligated Balance, EOY					
Plus, Unobligated Balance, Expiring					
Total Budget Authority	12,871	12,740	13,102	0	(13,102)

Full-Time Equivalent Employment:	70	70	70	0	(70)
Positions:	70	70	70	0	(70)

Department of Commerce
Bureau of Economic Analysis/International Economics
Salaries and Expenses
SUMMARY OF REQUIREMENTS BY OBJECT CLASS
(Dollar amounts in thousands)

Object Class	2018 Actual	2019 Enacted	2020 Base	2020 Estimate	2020 Increase / (Decrease)
11 Personnel compensation					
11.1 Full-time permanent	19265	20,099	20,670	21,073	403
11.3 Other than full-time permanent	268	265	273	278	5
11.5 Other personnel compensation	470	465	478	488	10
11.8 Special personnel services payments	0	0	0	0	0
11.9 Total personnel compensation	20,003	20,829	21,421	21,839	418
12.1 Civilian personnel benefits	5,571	5,515	5,671	5,782	111
13.0 Benefits for former personnel	8	8	8	8	0
21.0 Travel and transportation of persons	114	113	116	118	2
22.0 Transportation of things	1	1	1	1	0
23.1 Rental payments to GSA	1,458	1,443	1,484	1,513	29
23.2 Rental payments to others	0	0	0	0	0
23.3 Communications, utilities and miscellaneous	305	302	310	317	7
24.0 Printing and reproduction	64	63	65	66	1
25.1 Advisory and assistance services	1,524	1,509	1,551	1,582	31
25.2 Other services from non-federal sources	1,853	1,148	1,184	1,204	20
25.3 Purchases of goods and services from Gov't	1,877	1,515	1,558	1,588	30
25.4 Operation and maintenance of facilities	416	412	423	432	9
25.7 Operation and maintenance of equipment	533	528	543	553	10
26.0 Supplies and materials	510	505	519	529	10
31.0 Equipment	413	409	420	429	9
99.0 Total Obligations	34,650	34,300	35,274	35,961	687
Less, Prior Year Unobligated Balance					
Less, Prior Year Recoveries and Refunds					
Plus, Unobligated Balance, EOY					
Plus, Unobligated Balance, Expiring					
Total Budget Authority	34,651	34,300	35,274	35,961	687

Full-Time Equivalent Employment:	172	172	172	176	4
Positions:	175	175	175	180	5

Department of Commerce
Bureau of Economic Analysis/Regional Economics
Salaries and Expenses
SUMMARY OF REQUIREMENTS BY OBJECT CLASS
(Dollar amounts in thousands)

Object Class	2018 Actual	2019 Enacted	2020 Base	2020 Estimate	2020 Increase / (Decrease)
11 Personnel compensation					
11.1 Full-time permanent	10,396	10,850	11,158	11,558	400
11.3 Other than full-time permanent	31	31	32	33	1
11.5 Other personnel compensation	225	223	229	237	8
11.8 Special personnel services payments	0	0	0	0	0
11.9 Total personnel compensation	10,652	11,104	11,419	11,828	409
12.1 Civilian personnel benefits	3,213	3,181	3,271	3,388	117
13.0 Benefits for former personnel	5	5	5	5	0
21.0 Travel and transportation of persons	56	55	57	59	2
22.0 Transportation of things	0	0	0	0	0
23.1 Rental payments to GSA	804	796	818	848	30
23.2 Rental payments to others	0	0	0	0	0
23.3 Communications, utilities and miscellaneous	166	164	169	175	6
24.0 Printing and reproduction	35	35	36	37	1
25.1 Advisory and assistance services	446	441	454	470	16
25.2 Other services from non-federal sources	1,360	974	1,001	1,039	38
25.3 Purchases of goods and services from Gov't	1,057	859	885	916	31
25.4 Operation and maintenance of facilities	227	225	231	239	8
25.7 Operation and maintenance of equipment	290	287	295	306	11
26.0 Supplies and materials	274	271	279	289	10
31.0 Equipment	225	223	229	237	8
99.0 Total Obligations	18,810	18,620	19,149	19,836	687
Less, Prior Year Unobligated Balance					
Less, Prior Year Recoveries and Refunds					
Plus, Unobligated Balance, EOY					
Plus, Unobligated Balance, Expiring					
Total Budget Authority	18,811	18,620	19,149	19,836	687

Full-Time Equivalent Employment:	86	86	86	89	3
Positions:	87	87	87	91	4

Department of Commerce
Bureau of Economic Analysis
ACTIVITY/SUBACTIVITY CHANGE CROSSWALK
Part 1 – 2019 Structure
(Dollar amounts in thousands)

Activity/Subactivity	2019 Direct Obligations	Proposed Changes
Bureau of Economic Analysis/National Economic Accounts	32,340	Integrate Industry Economics into the National Economic Accounts
Bureau of Economic Analysis/Industry Accounts	12,740	Integrate Industry Economics into the National Economic Accounts
Total, Program Changes	45,080	

Department of Commerce
Bureau of Economic Analysis
ACTIVITY/SUBACTIVITY CHANGE CROSSWALK
Part 2 – 2020 Structure
(Dollar amounts in thousands)

Activity/Subactivity	2016	2017	2018	2019	2020
Bureau of Economic Analysis/National Economic Accounts	34,864	32,211	32,670	32,340	46,360
Bureau of Economic Analysis/Industry Accounts	13,748	13,095	12,870	12,740	0
Total, Program Changes	48,611	45,306	45,540	45,080	46,360

**Department of Commerce
Bureau of Economic Analysis
Salaries and Expenses
JUSTIFICATION OF PROPOSED LANGUAGE CHANGES**

FY 2020

No proposed changes

**Department of Commerce
Bureau of Economic Analysis
Salaries and Expenses
APPROPRIATION LANGUAGE AND CODE CITATION**

FY 2020

“For necessary expenses as authorized by law of economic and statistical analysis programs of the Department of Commerce, \$107,990,000 to remain available until September 30, 2021.”

15 U.S.C. 171 et seq., provides for the establishment of the Bureau of Economic Analysis (BEA) and provides the authority(s) and responsibility(s) for the functions of the Bureau of Economic Analysis.

15 U.S.C. 1501 et seq., establishes the Department of Commerce and, among other responsibilities, provides the Secretary of Commerce (delegated by Departmental order to the Under Secretary for Economic Affairs) with the authority to carry out economic and statistical analysis functions.

22 U.S.C. 286f provides that the President shall make available balance of payments information as required by the Bretton Woods Agreement Act. The Bureau of Economic Analysis was assigned responsibility by Executive Order No. 10033, as amended and subsequent Departmental delegation for the collection of certain balance of payments data and the publication of the U.S. balance of payments accounts.

22 U.S.C. 3101 et seq., provides that the President shall undertake mandatory surveys of U.S. direct investment abroad and foreign direct investment in the United States. The Bureau of Economic Analysis was assigned responsibility for the direct investment surveys under this Act by Executive Order No. 11961 and subsequent Departmental delegation.

Department of Commerce
Bureau of Economic Analysis
Salaries and Expenses
ADVISORY AND ASSISTANCE SERVICES
(dollars in thousands)

	FY 2018 Actual	FY 2019 Enacted	FY 2020 Estimate
Consulting Services			
Management and Professional Services	129	132	132
Special Studies and Analyses	0	0	0
Engineering and Technical Services	0	0	0
TOTALS	129	132	132

Management and professional services, and special studies are utilized to the extent that they provide a cost-effective source for services. These are primarily for Subject Matter Expert economic services.

**Department of Commerce
Bureau of Economic Analysis
Salaries and Expenses
PERIODICALS, PAMPHLETS, AND AUDIOVISUAL SERVICES
(dollars in thousands)**

	FY 2018 Actual	FY 2019 Enacted	FY 2020 Estimate
Periodicals	24	24	24
Pamphlets	26	26	27
Audiovisual Services	0	0	0
TOTALS	50	50	51

The central component of BEA's mission is to gather and disseminate information about U.S. economic accounts in a timely and cost effective manner. BEA accomplishes this through its public Web site, www.bea.gov. The site provides a comprehensive set of data tables, economic indicator releases, methodology papers, the BEA Strategic Plan, and other key information developed by the Bureau. Another important means of disseminating BEA information is through creation and public distribution of periodicals, reports, pamphlets, and related printed or audiovisual materials. BEA has developed an effective portfolio of these communications tools, maximizing public access to economic account information as follows:

Periodicals – On a monthly basis, BEA publishes the Survey of Current Business (SCB). The SCB is BEA's flagship journal containing numerous articles written by BEA staff interpreting economic data disseminated by BEA. In addition, the SCB includes extensive tables and charts of economic data gathered and tracked by BEA. The data collectively serve as a resource for government officials, economists, the media, financial professionals, academicians, and the general public. The SCB also serves to fulfill BEA's legal requirement to make public the data it collects across the national, international, regional, and industry economic accounts both in print and online versions.

Pamphlets and other publications – Each year BEA produces and distributes a variety of publications to support its mission of providing available data and services to thousands of external customers. These products are often distributed to the public through trade shows and regional conferences where BEA staff are present, or at meetings with other government agencies or congressional officials. Products include the BEA brochure, the BEA Strategic Plan, the BEA Customer Service Guide, economic account fact sheets, release schedules, regional data wheels, instructional literature on using BEA data, and the BEA Customer Satisfaction Report.

**Department of Commerce
Bureau of Economic Analysis
Salaries and Expenses
AVERAGE GRADE AND SALARIES**

	FY 2018 Actual	FY 2019 Enacted	FY 2020 Estimate
Average ES Salary	\$184,970	\$189,779	\$193,575
Average GS/GM Grade	13	13	13
Average GS/GM Salary	\$102,991	\$105,669	\$107,782

FY 2020 ANNUAL PERFORMANCE PLAN / REPORT (APPR) BACKUP

Bureau of Economic Analysis

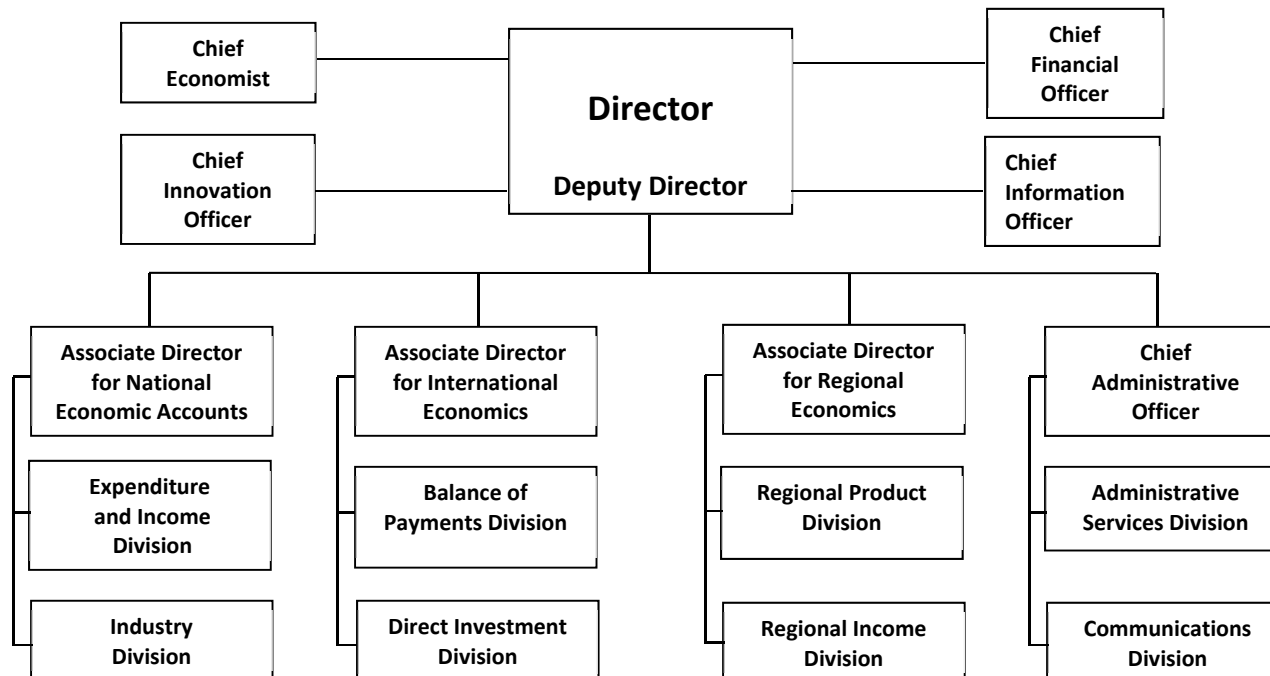
Mission Statement

The Bureau of Economic Analysis (BEA) promotes a better understanding of the U.S. economy by providing the most timely, relevant, and accurate economic accounts data in an objective and cost-effective manner.

Overview

BEA's economic accounts present valuable information on critical issues such as U.S. economic growth, regional economic development, inter-industry relationships, and the Nation's position in the world economy. Some of the widely used statistical measures produced by BEA include gross domestic product (GDP), personal income and outlays, corporate profits, GDP by state and county, GDP by metropolitan area, balance of payments, and GDP by industry (see exhibit 3 for a full list of BEA statistical products). These statistics are used by Federal, state, and local governments for budget development and projections; by the Federal Reserve for monetary policy; by the business sector for planning and investment; and by the American public to follow and understand the performance of the Nation's economy. BEA's strategic vision is to remain the world's most respected producer of economic accounts.

Organizational Structure



CROSS-AGENCY PRIORITY GOALS

N/A

STRATEGIC GOAL(S) AND OBJECTIVE(S)*

Strategic Goal	Objective Number	Objective Name
Goal 4 – Fulfill Constitutional Requirements and Support Economic Activity	4.2	Provide accurate data to support economic activity

* Goals and objectives where BEA is expected to make substantial contributions

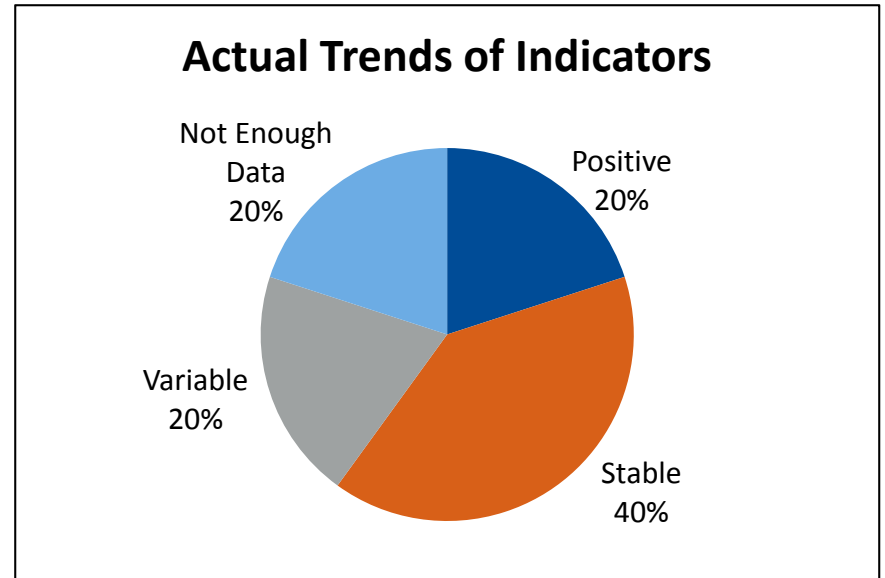
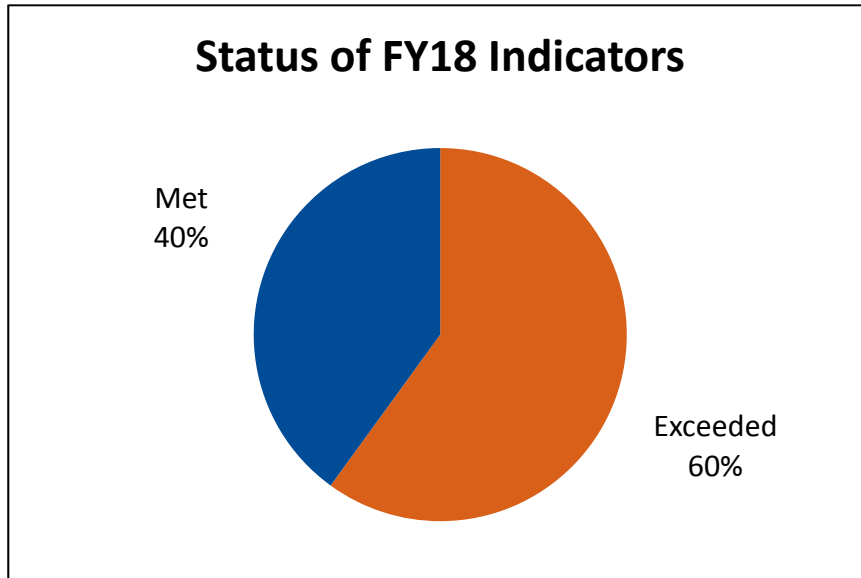
PLANNED ACTIONS FOR ACHIEVING STRATEGIC OBJECTIVES AND FY 2020 PERFORMANCE TARGETS

- Timeliness – BEA will maintain a strict production schedule to ensure that all economic indicators are released on time. The news release schedule for 2019 was published on bea.gov in October 2018.
- Customer Satisfaction – BEA will develop new tools designed to enhance customer access, use, and understanding of BEA data products and improve the overall customer experience with an emphasis on traditionally underserved segments of the customer base.
- Reliability – BEA will continue to pursue collaborative projects with major source data partners in the federal statistical system, such as the Census Bureau, and will explore methods to harness big data and other alternative datasets to improve the timeliness and accuracy of critical data that feed into gross domestic product (GDP).
- Improving Economic Accounts – BEA will find new ways to spotlight key aspects of the dynamic U.S. economy, including outdoor recreation, the digital economy, ocean-dependent activity, and small businesses. New data products on these sectors will deepen customers’ understanding of the economy and fuel decision-making by business executives, entrepreneurs, households, and government officials.

AGENCY PRIORITY GOALS

N/A

Performance Indicator Information



- BEA exceeded targets for three out of five performance indicators, or 60 percent, and met targets for the other two indicators, or 40 percent.
- Three out of five indicators have positive or stable trends, one indicator has a variable trend, and there was not enough data to determine a trend for the remaining indicator.

Summary of FY 2018 Indicator Performance

Indicator Name	Target	Actual	Status	Trend
Timeliness: Reliability of delivery of economic statistics (the number of scheduled releases issued on time)	70	72	Exceeded	Variable
Relevance: Customer satisfaction (5-point scale)	4.0	4.1	Exceeded	Maintains standards
Reliability: Percent of GDP estimates that are statistically reliable	85%	91%	Exceeded	Positive
Complete all major strategic milestones related to improving economic accounts	Complete Milestones	Completed Successfully	Met	Maintains standards
Milestones met in releasing new economic indicators	Complete Milestones	Completed Successfully	Met	Not enough data to determine a trend

Detailed Indicator Plans and Performance

Current / Recurring Indicators

4.2 – Provide a timely and accurate portrait of the nation’s economy.

Indicator	Timeliness: Reliability of delivery of economic statistics (the number of scheduled releases issued on time)							
Category	Strategic Plan							
Type	Process							
Description	The importance of data as an ingredient for sound economic decision-making requires BEA to deliver data to decision-makers and other data users not only quickly but also reliably—that is, on schedule. Each fall, BEA publishes a schedule for the release of its economic data the following year; this measure is evaluated as the number of scheduled releases issued on time. BEA has an outstanding record of releasing its economic data on schedule.							
	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Target	62	62	65	65	74	70	70	70
Actual	62	65	65	74	74	72		
Status	Met	Exceeded	Met	Exceeded	Met	Exceeded		
Trend	The trend for this indicator is variable—the actual number of on-time releases will reflect possible expansions of BEA data products and discontinued products that are a part of reimbursable work (<i>see adjustments to targets below</i>).							
Explanation (if not met in FY 2018)	N/A							
Actions to be Taken / Future Plans	BEA has no plans to change this indicator.							
Adjustments to Targets	Targets were lowered for FY 2018 forward, reflecting the discontinuation of quarterly releases for the Travel and Tourism Satellite Accounts under a reimbursable project for BEA.							
Notes	None							
Information Gaps	There are no information gaps for this indicator.							

4.2 – Provide a timely and accurate portrait of the nation’s economy.

Indicator	Relevance: Customer satisfaction (on a 5-point scale)
Category	Strategic Plan
Type	Customer Service
Description	Customer satisfaction is a critical measure of BEA’s ability to provide the types of data that are relevant, accurate, and demanded by users. BEA measures the level of customer satisfaction through an on-going online survey of users.

	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY2018	FY 2019	FY 2020
Target	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Actual	4.1	4.0	4.0	4.0	4.2	4.1		
Status	Exceeded	Met	Met	Met	Exceeded	Exceeded		
Trend	This indicator maintains standards.							
Explanation (if not met in FY 2018)	N/A							
Actions to be Taken / Future Plans	BEA has no plans to change this indicator.							
Adjustments to Targets	Adjustments to targets have not been made.							
Notes	None							
Information Gaps	There are no information gaps for this indicator.							

4.2 – Provide a timely and accurate portrait of the nation's economy.

Indicator	Reliability: Percent of GDP estimates that are statistically reliable							
Category	Strategic Plan							
Type	Contextual							
Description	This performance measure tracks BEA's ability to reliably estimate its most important statistic, gross domestic product (GDP). This measure is a composite index of six indicators of reliability, applied using three-year rolling averages to develop a single measure of the reliability of the GDP statistics.							
	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Target	83%	83%	83%	83%	85%	85%	85%	85%
Actual	92%	95%	92%	89%	90%	91%		
Status	Exceeded	Exceeded	Exceeded	Exceeded	Exceeded	Exceeded		
Trend	The trend for this indicator is positive.							
Explanation (if not met in FY 2018)	N/A							
Actions to be Taken / Future Plans	N/A							
Adjustments to targets	Adjustments to targets have not been made.							

Notes	Formerly referred to as “Accuracy: Percent of GDP estimates correct.” Because accuracy is typically assessed against some “true” or benchmark value that does not exist for GDP, BEA has renamed this measure to emphasize that it rates the performance of revised GDP estimates over time—a concept most typically associated with “reliability.” In addition, actual scores for FY 2013–FY 2017 have been revised to reflect the results of the 2018 comprehensive update of the GDP accounts. Previously, historical scores were not updated; however, since this measure tracks revisions to BEA’s statistics, it is more accurate to allow updates to scores for previous fiscal years to reflect GDP revisions, as appropriate.
Information Gaps	There are no information gaps.

4.2 – Provide a timely and accurate portrait of the nation’s economy.

Indicator	Complete all major strategic milestones related to improving economic accounts.							
Category	Supporting							
Type	Contextual							
Description	BEA must continually update its economic accounts to keep pace with the ever-changing U.S. and global economies. The BEA Strategic Plan tracks BEA’s progress toward achieving the milestones related to this measure. In FY 2018, BEA completed all of its major milestones related to improving GDP and its economic accounts, and the Bureau expects to meet this target in future years.							
Target	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
Actual	Complete Milestones	Complete Milestones	Complete Milestones	Complete Milestones	Complete Milestones	Complete Milestones	Complete Milestones	Complete Milestones
Status	Completed Successfully	Completed Successfully	Completed Successfully	Completed Successfully	Completed Successfully	Completed Successfully		
Trend	Met	Met	Met	Met	Met	Met		
Explanation (if not met in FY 2018)	This indicator maintains standards.							
Actions to be Taken / Future Plans	N/A							
Adjustments to Targets	BEA has no plans to change this indicator.							
Notes	Adjustments to targets have not been made.							
Information Gaps	None							
Information Gaps	There are no information gaps for this indicator.							

New Indicators

4.2 – Develop new data products and services that capture the dynamic U.S. economy.

Indicator	Milestones met in releasing new economic indicators.							
Category	Strategic Plan							
Type	Contextual							
Description	BEA must continually develop new statistical products to keep pace with the ever-changing U.S. and global economies. The BEA Strategic Plan outlines the bureau's plans for developing new statistical products and progress toward achieving milestones of their development. In FY 2018, BEA completed all of its major milestones related to developing new statistical indicators, and the bureau expects to meet this target in future years.							
Target						FY 2018	FY 2019	FY 2020
Actual						Complete Milestones	Complete Milestones	Complete Milestones
Status						Completely Successfully		
Trend	Met							
Trend	Not enough data to determine trend.							
Explanation (if not met in FY 2018)	N/A							
Actions to be Taken / Future Plans	BEA has no plans to change this indicator.							
Adjustments to Targets	Adjustments to targets have not been made.							
Notes	None							
Information Gaps	There are no information gaps for this indicator.							

Resource Requirements Table

Past Funding from FY 2013 to FY 2017

	FY 2013 Actual	FY 2014 Actual	FY 2015 Actual	FY 2016 Actual	FY 2017 Actual
Strategic Goal 4 – Data					
Total Budget Authority					
Direct	93.3	99.0	100.0	109.0	107.3
Reimbursable	8.4	5.9	7.5	8.1	11.7
Total	101.7	104.9	107.5	117.1	119.0
Total Positions	508	497	517	542	573
Positions do not include staff funded by the Working Capital fund.					

Funding from FY 2018 to FY 2020

	FY 2018 Enacted	FY 2019 Enacted	FY 2020 Base	Increase / Decrease	FY 2020 Request
Strategic Goal 4 – Fulfill Constitutional requirements and support economic activity					
Total Budget Authority					
Direct	99.0	101.0	103.9	4.1	108.0
Reimbursable	3.9	2.4	2.3	0.0	2.3
Total	102.9	103.4	106.2	4.1	110.3
Total Positions	514	514	513	21	534
Positions do not include staff funded by the Working Capital fund.					