

News Release

EMBARGOED UNTIL RELEASE AT 4:30 P.M. EST, TUESDAY, FEBRUARY 16, 2021

BEA 21-05

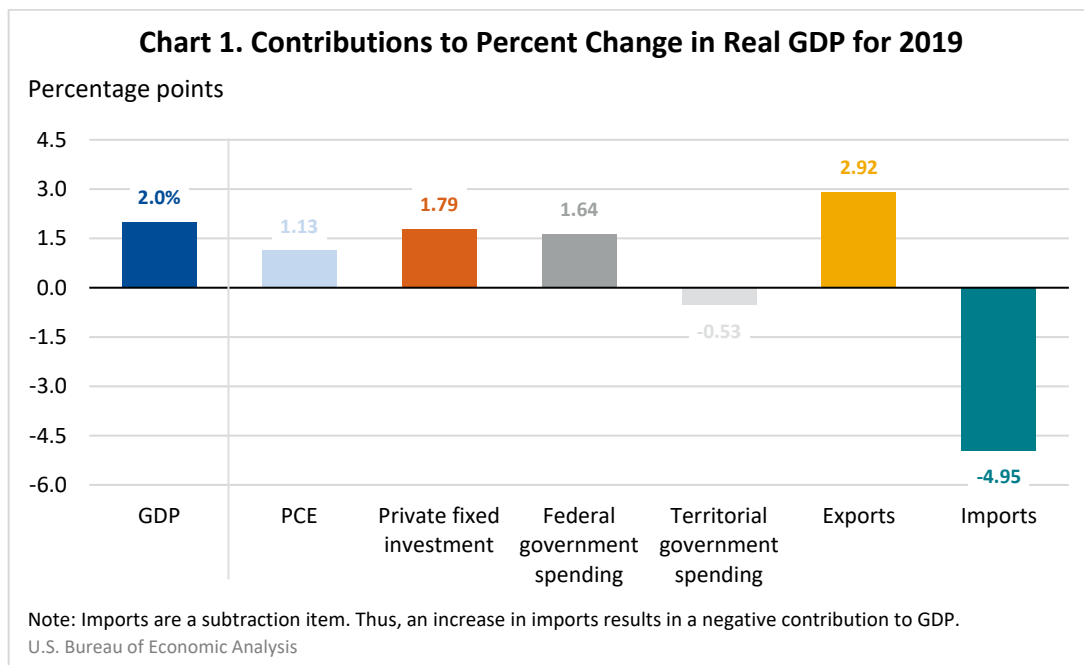
Technical: Christina Hovland (BEA) (301) 278-9076 territories@bea.gov
 Media: Jeannine Aversa (BEA) (301) 278-9003 Jeannine.Aversa@bea.gov
 Tanya Harris Joshua (OIA) (202) 208-6008 Tanya_Joshua@ios.doi.gov

Gross Domestic Product for Guam, 2019

Today, the Bureau of Economic Analysis (BEA) is releasing estimates of gross domestic product (GDP) for Guam for 2019, in addition to estimates of GDP by industry and compensation by industry for 2018.¹ These estimates were developed under the Statistical Improvement Program funded by the Office of Insular Affairs (OIA) of the U.S. Department of the Interior.

Gross Domestic Product for 2019

The estimates of GDP for Guam show that real GDP—GDP adjusted to remove price changes—increased 2.0 percent in 2019.



As shown in Chart 1, the increase in real GDP reflected increases in exports, private fixed investment, federal government spending, and consumer spending. These increases were partly offset by an

¹ These estimates are based on limited source data and are subject to revision.

increase in imports, which are a subtraction in the calculation of GDP, and a decline in territorial government spending.

Exports of services, which consists primarily of spending by tourists, increased 15.6 percent (see Table 1.3). This reflected a record high in visitor arrivals for the year and growth in average spending by Korean and Japanese tourists, who make up much of Guam's tourist market.

Overall, investment spending contributed positively to the economy. Spending on construction and equipment for defense and private projects increased but was partly offset by declines in territorial government investment spending. Private fixed investment grew 8.9 percent; business spending on construction increased following project delays in 2017 and 2018.

Consumer spending also increased; the eighth increase in the last 9 years. Spending increased on both goods and services, largely reflecting growth in retail trade activity and health care services, respectively (see Table 1.4).²

Gross Domestic Product by Industry and Compensation by Industry for 2018

The estimates of GDP by industry show that the government sector was the source of the decline in real GDP in 2018 (see Table 2.4). Federal and territorial government decreased, reflecting declines in employment and hours paid.

The private sector expanded in 2018, partly offsetting the decrease in the government sector. The largest contributor to private sector growth was construction, reflecting growth in private sector work on defense projects.³

The compensation by industry estimates, which are measured in current dollars, show trends in compensation for major industries (see Table 2.6). Total compensation increased in 2018, primarily reflecting growth in the private sector. Within the private sector, the largest contributors were construction and "other private."⁴

The accompanying tables present estimates for GDP and its major components, GDP by industry, and compensation by industry. Also included in this release are estimates for the major components of gross domestic income.

Revisions to GDP and Related Estimates

This release also includes the results of a comprehensive update of the territorial economic accounts. Comprehensive updates are typically performed every 5 years, based on the Census Bureau's every-5-years economic censuses of island areas.

With the comprehensive update, estimates for 2002 to 2018 have been revised to incorporate improvements to source data and methods, including information from:

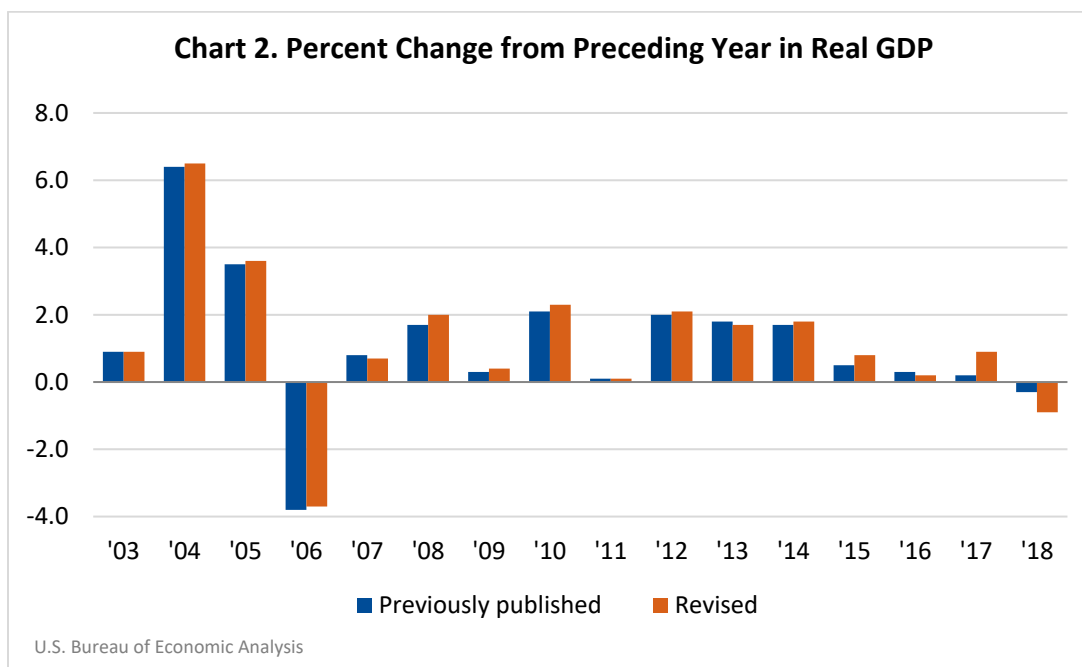
² Health care services include those directly financed by government social benefits such as Medicaid.

³ Construction activities performed by private companies on behalf of the government sector are reflected within private sector industry value added.

⁴ "Other private" includes all private sector industries not separately shown in Table 2.6, such as professional, scientific, and technical services and health care services.

- The U.S. Census Bureau’s 2017 Economic Census of Island Areas (ECIA), which provides the most thorough and detailed statistics on the structure of the Guam economy,
- County Business Patterns data for 2017 and 2018 from the U.S. Census Bureau,
- Hospital cost reports data from the Centers for Medicare and Medicaid Services (CMS),
- BEA’s U.S. national income and product accounts, and
- Guam government data sources, such as building permit data and newly available fiscal year 2019 audited government financial statements.

Chart 2 shows that the new estimates exhibit a pattern of inflation-adjusted GDP growth similar to the previously published estimates. However, there are notable revisions within the components of GDP, including to consumer spending and private fixed investment.



The revisions to consumer spending primarily reflect the incorporation of an improved estimation method for health care services for all years. Previously, estimates for health care services provided to households, including by hospitals, were benchmarked every 5 years to ECIA data on total revenues. Now, services provided by the government hospital are estimated for all years using annual data on net patient revenues from financial statements. For 2015 forward, CMS cost report data on net patient revenues of private sector hospitals are used for the first time.⁵ The cost report data replaced estimates of private sector services that had been extrapolated based on payroll data. The effect of the updated estimation method on the growth of GDP was largest for 2015 forward, as the newly incorporated CMS data showed a different pattern of growth than payroll data.

⁵ Guam’s first private sector hospital opened in July 2015. Revenues for the first half-year of operation were prorated based on 2016 data from CMS.

Estimates of private fixed investment were also revised, primarily reflecting the incorporation of more detailed building permit data into the annual indicators for construction activity for 2013 forward.⁶

The reference year for inflation-adjusted measures has been updated to 2012. This is the same reference year used in BEA's national GDP estimates.

The estimates of GDP by industry and compensation by industry have been updated to incorporate the above data sources.

Future Directions

OIA and BEA will work to extend and improve the estimates of GDP for Guam. The information provided by the Guam government will continue to be critical to the successful production of these estimates.

BEA plans to release GDP estimates for 2020 for Guam in the fall of 2021. GDP by industry and compensation by industry estimates for 2019 will be released at the same time.

⁶The estimates of private fixed investment are benchmarked to capital expenditures information from the 2012 ECIA.

Additional Information

Resources

- Stay informed about BEA developments by reading the BEA [blog](#), signing up for BEA's [email subscription service](#), or following BEA on Twitter [@BEA News](#).
- Historical time series for these estimates can be accessed at BEA's [Gross Domestic Product \(GDP\) for the U.S. Territories](#).
- Access BEA data by registering for BEA's Data [Application Programming Interface](#) (API).
- For more on BEA's statistics, see our monthly online journal, the [Survey of Current Business](#).
- BEA's [news release schedule](#)

Definitions

Gross domestic product (GDP) is the value of the goods and services produced by the Guam economy less the value of the goods and services used up in production. GDP is also equal to the sum of personal consumption expenditures, private fixed investment, change in private inventories, net exports of goods and services, and government consumption expenditures and gross investment.

Personal consumption expenditures (PCE), also referred to as “consumer spending,” measures the goods and services purchased by “persons”—that is, by households and by nonprofit institutions serving households (NPISHs)—who are resident in Guam.

Private fixed investment (PFI) measures spending by private businesses, nonprofit institutions, and households on fixed assets in the Guam economy. Fixed assets consist of structures, equipment, and software that are used in the production of goods and services.

Net exports of goods and services is the difference between exports of goods and services and imports of goods and services. Exports measures the portion of total Guam production of goods and services that is provided to the rest of the world. Imports measures the portion of total

Guam expenditures that is accounted for by goods and services provided by the rest of the world.

Government consumption expenditures and gross investment, or “government spending,” measures the portion of GDP that is accounted for by the government sector. Government consumption expenditures consists of spending by government to produce and provide services to the public. Gross investment consists of spending by government for fixed assets that directly benefit the public or that assist government agencies in their production activities.

Gross domestic income (GDI) is the sum of incomes earned and costs incurred in the production of GDP. In national economic accounting, GDP and GDI are conceptually equal.

Current-dollar estimates are valued in the prices of the period when the transactions occurred—that is, at “market value.” Also referred to as “nominal estimates” or as “current-price estimates.”

Real values are inflation-adjusted estimates—that is, estimates that exclude the effects of price changes.

Statistical Conventions

Quantities and prices. Quantities, or “real” volume measures, and prices are expressed as index numbers with a specified reference year equal to 100 (currently 2012). Quantity and price indexes are calculated using a Fisher chain-weighted formula that incorporates weights from two adjacent years. “Real” dollar series are calculated by multiplying the quantity index by the current-dollar value in the reference year (2012) and then dividing by 100.

Chained-dollar values are not additive because the relative weights for a given period differ from those of the reference year.

List of News Release Tables

Table 1.1.	Gross Domestic Product
Table 1.2.	Real Gross Domestic Product, Chained Dollars
Table 1.3.	Percent Change From Preceding Year in Real Gross Domestic Product
Table 1.4.	Contributions to Percent Change in Real Gross Domestic Product
Table 1.5.	Percent Change From Preceding Year in Prices for Gross Domestic Product and Price Indexes for Gross Domestic Product
Table 1.6.	Gross Domestic Income
Table 1.7.	Revisions to Percent Change in Real Gross Domestic Product
Table 2.1.	Value Added by Industry
Table 2.2.	Value Added by Industry as a Percentage of GDP
Table 2.3.	Real Value Added by Industry
Table 2.4.	Percent Changes in Real Value Added by Industry
Table 2.5.	Contributions to Percent Change in Real Gross Domestic Product by Industry
Table 2.6.	Compensation of Employees by Industry

Guam

1. Domestic Product and Income

Table 1.1. Gross Domestic Product

	Line	[Millions of dollars]																	
		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Gross domestic product	1	3,394	3,569	3,869	4,213	4,238	4,397	4,658	4,828	4,949	4,984	5,265	5,399	5,610	5,799	5,901	6,013	6,051	6,311
Personal consumption expenditures	2	2,222	2,110	2,242	2,434	2,459	2,549	2,779	2,847	2,860	2,950	3,206	3,218	3,260	3,287	3,384	3,549	3,605	3,704
Goods	3	1,103	1,070	1,222	1,401	1,402	1,414	1,512	1,448	1,462	1,564	1,765	1,706	1,711	1,655	1,693	1,759	1,799	1,914
Durable goods	4	404	398	436	506	506	518	542	520	523	564	635	616	598	588	611	647	641	677
Nondurable goods	5	699	673	786	895	896	897	970	928	939	1,001	1,130	1,090	1,113	1,067	1,083	1,112	1,159	1,236
Services	6	1,763	1,594	1,791	1,915	1,978	2,020	2,102	2,134	2,167	2,175	2,332	2,383	2,489	2,601	2,726	2,821	2,880	3,068
Net foreign travel	7	-644	-554	-770	-882	-921	-885	-835	-735	-768	-790	-891	-870	-940	-969	-1,035	-1,031	-1,075	-1,277
Private fixed investment	8	473	646	636	585	686	921	1,057	1,081	1,057	1,027	1,044	1,233	1,355	1,256	1,205	1,141	1,223	1,355
Net exports of goods and services	9	-895	-1,024	-939	-886	-1,074	-1,483	-1,700	-1,801	-1,873	-2,022	-2,033	-2,189	-2,282	-2,041	-1,917	-1,883	-2,091	-2,192
Exports	10	722	631	846	956	1,005	1,005	973	838	846	928	1,004	1,053	1,057	1,048	1,119	1,141	1,165	1,375
Goods	11	74	73	72	70	80	115	133	98	73	133	107	177	112	73	78	105	83	92
Services	12	647	557	775	886	926	890	840	740	773	795	896	875	945	974	1,040	1,036	1,082	1,284
Imports	13	1,616	1,654	1,785	1,843	2,079	2,489	2,673	2,639	2,719	2,949	3,037	3,241	3,339	3,089	3,036	3,024	3,256	3,567
Goods	14	1,362	1,320	1,445	1,529	1,732	2,018	2,115	2,051	2,098	2,289	2,395	2,522	2,559	2,318	2,272	2,316	2,479	2,691
Services	15	255	334	340	314	347	470	558	588	621	661	642	719	780	770	764	709	777	876
Government consumption expenditures and gross investment	16	1,594	1,836	1,929	2,080	2,166	2,411	2,521	2,701	2,905	3,028	3,048	3,137	3,276	3,297	3,229	3,205	3,314	3,443
Federal	17	909	1,124	1,209	1,286	1,318	1,500	1,608	1,751	1,865	1,907	1,911	1,907	1,980	2,027	2,009	1,903	1,985	2,130
Territorial	18	686	712	721	794	849	911	913	950	1,039	1,121	1,138	1,230	1,296	1,270	1,220	1,302	1,329	1,313

NOTE. Detail may not add to total because of rounding.

Guam

Table 1.2. Real Gross Domestic Product, Chained Dollars

	Line	[Millions of chained (2012) dollars]																	
		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Gross domestic product	1	4,549	4,589	4,887	5,065	4,880	4,915	5,015	5,037	5,151	5,155	5,265	5,354	5,450	5,495	5,505	5,554	5,504	5,613
Personal consumption expenditures	2	2,972	2,760	2,893	3,025	2,937	2,957	3,046	3,072	3,047	3,090	3,206	3,227	3,240	3,301	3,351	3,441	3,419	3,484
Goods	3	1,542	1,420	1,540	1,655	1,582	1,578	1,591	1,516	1,546	1,623	1,765	1,725	1,719	1,696	1,739	1,773	1,779	1,893
Durable goods	4	470	446	494	548	545	557	541	524	533	579	635	632	624	632	647	660	660	713
Nondurable goods	5	1,085	981	1,052	1,110	1,038	1,020	1,051	993	1,014	1,044	1,130	1,092	1,096	1,065	1,093	1,114	1,119	1,182
Services	6	2,389	2,140	2,382	2,456	2,418	2,377	2,355	2,338	2,310	2,279	2,332	2,383	2,460	2,563	2,641	2,687	2,685	2,800
Net foreign travel	7	-953	-787	-1,023	-1,082	-1,057	-994	-900	-780	-809	-812	-891	-880	-940	-961	-1,032	-1,022	-1,047	-1,212
Private fixed investment	8	567	765	730	641	722	947	1,068	1,112	1,093	1,044	1,044	1,225	1,331	1,230	1,181	1,095	1,144	1,245
Net exports of goods and services	9	-1,198	-1,362	-1,170	-1,054	-1,228	-1,618	-1,762	-1,999	-2,007	-2,050	-2,033	-2,186	-2,263	-2,158	-2,068	-1,958	-2,043	-2,166
Exports	10	1,077	904	1,137	1,186	1,167	1,136	1,046	897	896	954	1,004	1,065	1,061	1,044	1,122	1,140	1,143	1,316
Goods	11	119	114	107	97	103	138	143	113	81	136	107	180	114	76	84	112	88	96
Services	12	958	792	1,029	1,087	1,062	999	905	785	814	817	896	886	946	966	1,037	1,028	1,054	1,218
Imports	13	2,274	2,266	2,306	2,241	2,395	2,754	2,808	2,896	2,903	3,004	3,037	3,251	3,323	3,202	3,190	3,098	3,186	3,482
Goods	14	1,908	1,806	1,869	1,872	2,022	2,263	2,237	2,285	2,255	2,328	2,395	2,543	2,574	2,473	2,480	2,470	2,520	2,759
Services	15	370	466	444	375	381	497	573	612	649	676	642	707	748	727	711	638	673	732
Government consumption expenditures and gross investment	16	2,242	2,429	2,460	2,495	2,479	2,639	2,665	2,850	3,017	3,069	3,048	3,087	3,141	3,126	3,051	2,999	3,000	3,061
Federal	17	1,275	1,472	1,520	1,523	1,488	1,627	1,693	1,852	1,940	1,937	1,911	1,894	1,932	1,957	1,920	1,787	1,804	1,894
Territorial	18	970	958	941	974	994	1,013	973	998	1,077	1,133	1,138	1,193	1,208	1,171	1,133	1,212	1,196	1,167
Addenda:																			
Population (thousands) ¹	19	155.7	156.2	156.6	157.1	157.5	158.0	158.4	158.9	159.4	159.5	159.8	160.5	161.0	161.5	162.0	162.5	162.9	163.2
Per capita real GDP (chained dollars)	20	29,216	29,379	31,207	32,241	30,984	31,108	31,660	31,699	32,315	32,320	32,947	33,358	33,851	34,025	33,981	34,178	33,788	34,393

1. Source: U.S. Census Bureau

Guam

Table 1.3. Percent Change From Preceding Year in Real Gross Domestic Product

	Line	[Percent]																
		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Gross domestic product	1	0.9	6.5	3.6	-3.7	0.7	2.0	0.4	2.3	0.1	2.1	1.7	1.8	0.8	0.2	0.9	-0.9	2.0
Personal consumption expenditures	2	-7.1	4.8	4.6	-2.9	0.7	3.0	0.9	-0.8	1.4	3.8	0.7	0.4	1.9	1.5	2.7	-0.6	1.9
Goods	3	-7.9	8.5	7.4	-4.4	-0.3	0.9	-4.8	2.0	5.0	8.7	-2.3	-0.3	-1.4	2.6	1.9	0.3	6.5
Durable goods	4	-5.1	10.8	10.8	-0.5	2.2	-2.8	-3.3	1.7	8.8	9.7	-0.5	-1.4	1.4	2.4	1.9	0.1	8.1
Nondurable goods	5	-9.6	7.2	5.6	-6.5	-1.7	3.0	-5.6	2.2	3.0	8.2	-3.3	0.3	-2.8	2.7	1.9	0.4	5.6
Services	6	-10.4	11.3	3.1	-1.5	-1.7	-0.9	-0.7	-1.2	-1.4	2.3	2.2	3.2	4.2	3.0	1.8	-0.1	4.3
Net foreign travel	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Private fixed investment	8	34.9	-4.5	-12.3	12.6	31.2	12.8	4.1	-1.7	-4.4	0.0	17.3	8.7	-7.6	-4.0	-7.3	4.5	8.9
Net exports of goods and services	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Exports	10	-16.0	25.7	4.4	-1.6	-2.7	-7.9	-14.2	-0.1	6.5	5.2	6.1	-0.4	-1.6	7.5	1.5	0.3	15.1
Goods	11	-4.2	-6.7	-9.2	6.2	34.6	3.1	-20.8	-28.2	68.1	-21.3	67.2	-36.3	-33.3	9.9	34.1	-22.0	9.1
Services	12	-17.4	29.9	5.6	-2.3	-5.9	-9.4	-13.3	3.7	0.4	9.6	-1.2	6.8	2.1	7.3	-0.9	2.6	15.6
Imports	13	-0.4	1.8	-2.9	6.9	15.0	2.0	3.1	0.3	3.4	1.1	7.0	2.2	-3.6	-0.4	-2.9	2.8	9.3
Goods	14	-5.4	3.5	0.2	8.0	11.9	-1.1	2.2	-1.3	3.3	2.9	6.2	1.2	-3.9	0.3	-0.4	2.0	9.5
Services	15	26.1	-4.8	-15.4	1.6	30.4	15.3	6.8	5.9	4.1	-5.0	10.1	5.8	-2.8	-2.2	-10.3	5.5	8.8
Government consumption expenditures and gross investment	16	8.3	1.3	1.4	-0.6	6.4	1.0	6.9	5.9	1.7	-0.7	1.3	1.7	-0.5	-2.4	-1.7	0.0	2.0
Federal	17	15.5	3.3	0.2	-2.3	9.4	4.0	9.4	4.7	-0.2	-1.3	-0.9	2.0	1.3	-1.9	-6.9	1.0	5.0
Territorial	18	-1.2	-1.8	3.5	2.1	1.9	-3.9	2.6	7.9	5.1	0.5	4.9	1.3	-3.1	-3.2	7.0	-1.3	-2.4

Guam

Table 1.4. Contributions to Percent Change in Real Gross Domestic Product

	Line	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Percent change:																		
Gross domestic product	1	0.9	6.5	3.6	-3.7	0.7	2.0	0.4	2.3	0.1	2.1	1.7	1.8	0.8	0.2	0.9	-0.9	2.0
Percentage points:																		
Personal consumption expenditures	2	-4.63	2.84	2.64	-1.68	0.41	1.75	0.51	-0.49	0.82	2.25	0.40	0.23	1.08	0.86	1.54	-0.38	1.13
Goods	3	-2.60	2.60	2.37	-1.47	-0.09	0.28	-1.53	0.59	1.49	2.75	-0.76	-0.09	-0.41	0.73	0.56	0.09	1.90
Durable goods	4	-0.60	1.19	1.22	-0.06	0.26	-0.34	-0.37	0.18	0.92	1.09	-0.05	-0.15	0.14	0.24	0.20	0.01	0.83
Nondurable goods	5	-2.00	1.41	1.15	-1.41	-0.35	0.62	-1.15	0.41	0.57	1.65	-0.71	0.06	-0.55	0.49	0.36	0.08	1.06
Services	6	-5.33	5.02	1.44	-0.70	-0.79	-0.43	-0.34	-0.52	-0.60	1.03	0.96	1.42	1.85	1.35	0.82	-0.05	2.04
Net foreign travel	7	3.30	-4.77	-1.16	0.49	1.29	1.90	2.37	-0.56	-0.07	-1.53	0.20	-1.10	-0.36	-1.22	0.16	-0.42	-2.80
Private fixed investment	8	4.79	-0.83	-2.01	1.75	5.04	2.65	0.91	-0.39	-0.95	-0.01	3.43	1.97	-1.80	-0.86	-1.50	0.86	1.79
Net exports of goods and services	9	-3.23	3.80	2.30	-3.40	-8.04	-2.93	-4.67	-0.16	-0.82	0.32	-2.89	-1.41	1.81	1.54	1.79	-1.40	-2.04
Exports	10	-3.41	4.65	0.97	-0.38	-0.63	-1.81	-2.93	-0.02	1.12	0.97	1.15	-0.08	-0.29	1.34	0.29	0.06	2.92
Goods	11	-0.09	-0.14	-0.17	0.10	0.66	0.09	-0.56	-0.58	1.05	-0.57	1.35	-1.18	-0.65	0.12	0.45	-0.38	0.12
Services	12	-3.32	4.79	1.15	-0.48	-1.29	-1.90	-2.37	0.56	0.07	1.53	-0.20	1.10	0.36	1.22	-0.16	0.44	2.79
Imports	13	0.18	-0.85	1.32	-3.03	-7.41	-1.11	-1.74	-0.14	-1.93	-0.65	-4.04	-1.33	2.10	0.20	1.50	-1.45	-4.95
Goods	14	2.14	-1.32	-0.06	-2.91	-4.90	0.52	-0.94	0.58	-1.41	-1.30	-2.80	-0.56	1.71	-0.10	0.15	-0.80	-3.82
Services	15	-1.96	0.46	1.38	-0.12	-2.50	-1.63	-0.80	-0.72	-0.52	0.65	-1.24	-0.77	0.39	0.30	1.34	-0.66	-1.13
Government consumption expenditures and gross investment	16	3.95	0.68	0.71	-0.32	3.31	0.55	3.70	3.30	1.02	-0.41	0.74	1.01	-0.27	-1.35	-0.94	0.02	1.11
Federal	17	4.20	1.04	0.06	-0.71	2.93	1.37	3.20	1.73	-0.07	-0.51	-0.32	0.72	0.44	-0.65	-2.37	0.31	1.64
Territorial	18	-0.25	-0.36	0.65	0.39	0.39	-0.81	0.50	1.57	1.09	0.10	1.06	0.29	-0.71	-0.70	1.43	-0.29	-0.53

Guam

Table 1.5. Percent Change From Preceding Year in Prices for Gross Domestic Product and Price Indexes for Gross Domestic Product

	Line	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
		[Percent]																	
Gross domestic product	1	.....	4.2	1.8	5.1	4.4	3.0	3.8	3.2	0.2	0.6	3.4	0.8	2.1	2.5	1.6	1.0	1.5	2.3
Personal consumption expenditures	2	.....	2.3	1.4	3.8	4.0	3.0	5.9	1.6	1.3	1.7	4.7	-0.3	0.9	-1.0	1.4	2.1	2.2	0.8
		[Index numbers, 2012=100]																	
Gross domestic product	3	74.6	77.8	79.2	83.2	86.9	89.5	92.9	95.8	96.1	96.7	100.0	100.8	102.9	105.5	107.2	108.3	109.9	112.4
Personal consumption expenditures	4	74.8	76.5	77.5	80.5	83.7	86.2	91.2	92.7	93.9	95.5	100.0	99.7	100.6	99.6	101.0	103.2	105.4	106.3

Table 1.6. Gross Domestic Income

	Line	[Millions of dollars]																	
		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Gross domestic income	1	3,394	3,569	3,869	4,213	4,238	4,397	4,658	4,828	4,949	4,984	5,265	5,399	5,610	5,799	5,901	6,013	6,051	6,311
Compensation of employees	2	1,905	2,095	2,134	2,216	2,283	2,412	2,542	2,668	2,811	2,863	2,909	2,970	3,098	3,239	3,264	3,335	3,379	3,514
Taxes on production and imports less subsidies	3	199	240	261	253	263	289	300	296	320	336	355	365	391	393	408	421	468	518
Gross operating surplus	4	1,290	1,234	1,474	1,744	1,692	1,696	1,816	1,864	1,818	1,785	2,001	2,064	2,121	2,167	2,229	2,257	2,204	2,279

NOTE. Detail may not add to total because of rounding.

Table 1.7. Revisions to Percent Change in Real Gross Domestic Product

	Line	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Percent change:																	
Revised	1	0.9	6.5	3.6	-3.7	0.7	2.0	0.4	2.3	0.1	2.1	1.7	1.8	0.8	0.2	0.9	-0.9
Previously published	2	0.9	6.4	3.5	-3.8	0.8	1.7	0.3	2.1	0.1	2.0	1.8	1.7	0.5	0.3	0.2	-0.3
Percentage points:																	
Revision	3	0.0	0.1	0.1	0.1	-0.1	0.3	0.1	0.2	0.0	0.1	-0.1	0.1	0.3	-0.1	0.7	-0.6

Guam

2. GDP by Industry

Table 2.1. Value Added by Industry

	Line	[Millions of dollars]																
		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross domestic product	1	3,394	3,569	3,869	4,213	4,238	4,397	4,658	4,828	4,949	4,984	5,265	5,399	5,610	5,799	5,901	6,013	6,051
Private industries	2	2,117	2,180	2,416	2,648	2,606	2,665	2,852	2,905	2,918	2,891	3,169	3,247	3,371	3,465	3,586	3,709	3,742
Construction	3	137	238	202	168	190	291	343	360	394	367	398	443	465	420	376	388	413
Wholesale and retail trade ¹	4	368	413	449	470	455	436	469	464	495	513	551	537	552	587	607	624	625
Accommodations, food services, and amusements ²	5	384	356	408	411	409	406	422	429	452	462	487	532	612	651	708	736	759
Other private	6	1,228	1,173	1,357	1,599	1,552	1,532	1,618	1,652	1,576	1,548	1,733	1,735	1,742	1,807	1,895	1,962	1,946
Government	7	1,277	1,389	1,453	1,565	1,632	1,732	1,806	1,923	2,031	2,093	2,096	2,152	2,239	2,334	2,315	2,303	2,309
Federal	8	650	749	806	910	954	1,018	1,082	1,171	1,229	1,266	1,263	1,267	1,291	1,331	1,295	1,288	1,302
Territorial	9	627	640	647	655	678	713	724	752	802	828	833	884	948	1,003	1,020	1,016	1,007

1. Previously labeled "distributive services."

2. Previously labeled "accommodations and amusement." Includes arts, entertainment, and recreation (NAICS 71) and accommodations and food services (NAICS 72).

NOTE. Detail may not add to total because of rounding.

Table 2.2. Value Added by Industry as a Percentage of GDP

	Line	[Percent]																
		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross domestic product	1	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Private industries	2	62	61	62	63	61	61	61	60	59	58	60	60	60	60	61	62	62
Construction	3	4	7	5	4	4	7	7	7	8	7	8	8	8	7	6	6	7
Wholesale and retail trade ¹	4	11	12	12	11	11	10	10	10	10	10	10	10	10	10	10	10	10
Accommodations, food services, and amusements ²	5	11	10	11	10	10	9	9	9	9	9	9	10	11	11	12	12	13
Other private	6	36	33	35	38	37	35	35	34	32	31	33	32	31	31	32	33	32
Government	7	38	39	38	37	39	39	39	40	41	42	40	40	40	40	39	38	38
Federal	8	19	21	21	22	23	23	23	24	25	25	24	23	23	23	22	21	22
Territorial	9	18	18	17	16	16	16	16	16	16	17	16	16	17	17	17	17	17

1. Previously labeled "distributive services."

2. Previously labeled "accommodations and amusement." Includes arts, entertainment, and recreation (NAICS 71) and accommodations and food services (NAICS 72).

Guam

Table 2.3. Real Value Added by Industry

	Line	[Millions of chained (2012) dollars]																
		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross domestic product	1	4,549	4,589	4,887	5,065	4,880	4,915	5,015	5,037	5,151	5,155	5,265	5,354	5,450	5,495	5,505	5,554	5,504
Private industries	2	2,758	2,772	3,045	3,189	3,010	3,010	3,080	3,025	3,068	3,040	3,169	3,233	3,314	3,331	3,383	3,442	3,454
Construction	3	200	340	277	206	212	309	366	366	409	376	398	432	442	393	346	344	350
Wholesale and retail trade ¹	4	446	501	545	549	518	499	534	493	519	526	551	528	538	557	579	599	598
Accommodations, food services, and amusements ²	5	434	405	475	463	441	433	441	425	455	473	487	534	591	615	657	675	677
Other private	6	1,687	1,544	1,757	1,986	1,851	1,775	1,744	1,745	1,687	1,665	1,733	1,739	1,743	1,766	1,802	1,826	1,830
Government	7	1,793	1,820	1,843	1,876	1,870	1,905	1,935	2,012	2,083	2,114	2,096	2,121	2,137	2,164	2,123	2,114	2,053
Federal	8	926	978	1,010	1,074	1,075	1,103	1,143	1,237	1,269	1,281	1,263	1,267	1,271	1,288	1,242	1,220	1,197
Territorial	9	871	846	837	804	797	803	792	775	814	832	833	853	865	875	878	890	853

1. Previously labeled "distributive services."

2. Previously labeled "accommodations and amusement." Includes arts, entertainment, and recreation (NAICS 71) and accommodations and food services (NAICS 72).

Table 2.4. Percent Changes in Real Value Added by Industry

	Line	[Percent]																
		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
Gross domestic product	1	0.9	6.5	3.6	-3.7	0.7	2.0	0.4	2.3	0.1	2.1	1.7	1.8	0.8	0.2	0.9	-0.9	
Private industries	2	0.5	9.8	4.8	-5.6	0.0	2.3	-1.8	1.4	-0.9	4.2	2.0	2.5	0.5	1.6	1.7	0.3	
Construction	3	69.9	-18.4	-25.8	2.9	45.9	18.4	0.0	11.6	-8.0	5.9	8.7	2.1	-11.0	-11.9	-0.6	1.8	
Wholesale and retail trade ¹	4	12.4	8.8	0.7	-5.5	-3.7	7.0	-7.7	5.3	1.4	4.8	-4.2	2.0	3.5	4.0	3.4	-0.2	
Accommodations, food services, and amusements ²	5	-6.6	17.3	-2.5	-4.8	-1.9	1.9	-3.6	7.1	4.1	2.9	9.7	10.6	4.2	6.8	2.7	0.4	
Other private	6	-8.5	13.8	13.0	-6.8	-4.1	-1.8	0.1	-3.4	-1.3	4.1	0.3	0.2	1.3	2.1	1.3	0.2	
Government	7	1.5	1.3	1.8	-0.3	1.9	1.6	4.0	3.5	1.5	-0.8	1.2	0.8	1.3	-1.9	-0.4	-2.9	
Federal	8	5.6	3.3	6.3	0.1	2.6	3.6	8.2	2.6	1.0	-1.4	0.3	0.3	1.3	-3.5	-1.8	-1.9	
Territorial	9	-2.8	-1.1	-3.9	-0.9	0.8	-1.4	-2.1	5.0	2.2	0.1	2.4	1.4	1.2	0.3	1.3	-4.1	

1. Previously labeled "distributive services."

2. Previously labeled "accommodations and amusement." Includes arts, entertainment, and recreation (NAICS 71) and accommodations and food services (NAICS 72).

Guam

Table 2.5. Contributions to Percent Change in Real Gross Domestic Product by Industry

	Line	[Millions of dollars]															
		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Percent change:																	
Gross domestic product	1	0.9	6.5	3.6	-3.7	0.7	2.0	0.4	2.3	0.1	2.1	1.7	1.8	0.8	0.2	0.9	-0.9
Percentage points:																	
Private industries	2	0.32	5.99	2.96	-3.54	0.00	1.42	-1.08	0.84	-0.54	2.48	1.22	1.50	0.31	0.94	1.06	0.21
Construction	3	2.80	-1.24	-1.39	0.12	2.08	1.19	0.00	0.85	-0.64	0.43	0.66	0.17	-0.91	-0.87	-0.04	0.12
Wholesale and retail trade ¹	4	1.31	1.00	0.08	-0.61	-0.39	0.68	-0.79	0.51	0.15	0.49	-0.44	0.19	0.35	0.40	0.35	-0.02
Accommodations, food services, and amusements ²	5	-0.73	1.69	-0.26	-0.47	-0.18	0.17	-0.33	0.62	0.37	0.26	0.89	1.06	0.45	0.76	0.32	0.05
Other private	6	-3.06	4.54	4.55	-2.58	-1.51	-0.63	0.04	-1.14	-0.41	1.30	0.11	0.07	0.42	0.65	0.42	0.07
Government	7	0.57	0.50	0.67	-0.12	0.73	0.61	1.53	1.42	0.61	-0.34	0.46	0.31	0.50	-0.75	-0.17	-1.11
Federal	8	1.09	0.71	1.32	0.02	0.60	0.84	1.87	0.63	0.25	-0.35	0.07	0.08	0.30	-0.81	-0.40	-0.40
Territorial	9	-0.52	-0.20	-0.65	-0.14	0.13	-0.22	-0.33	0.78	0.36	0.01	0.39	0.23	0.21	0.06	0.23	-0.71

1. Previously labeled "distributive services."

2. Previously labeled "accommodations and amusement." Includes arts, entertainment, and recreation (NAICS 71) and accommodations and food services (NAICS 72).

NOTE. Percentage-point contributions do not sum to the percent change in real gross domestic product because of rounding and differences in source data used to estimate GDP by industry and the expenditures measure of real GDP.

Table 2.6. Compensation of Employees by Industry

	Line	[Millions of dollars]																
		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Total compensation	1	1,905	2,095	2,134	2,216	2,283	2,412	2,542	2,668	2,811	2,863	2,909	2,970	3,098	3,239	3,264	3,335	3,379
Private industries	2	931	1,030	1,054	1,068	1,101	1,173	1,242	1,288	1,344	1,340	1,391	1,420	1,494	1,573	1,639	1,722	1,755
Construction	3	60	112	109	96	110	135	155	171	192	183	186	213	227	213	193	193	208
Wholesale and retail trade ¹	4	197	227	241	242	247	245	260	255	270	278	298	294	307	330	350	367	367
Accommodations, food services, and amusements ²	5	207	187	209	201	202	203	212	217	227	231	243	260	278	306	328	339	344
Other private	6	466	504	494	529	542	590	614	644	655	649	664	653	681	724	767	823	836
Government	7	974	1,065	1,081	1,148	1,183	1,239	1,301	1,381	1,467	1,523	1,518	1,550	1,604	1,666	1,625	1,613	1,624
Federal	8	471	555	573	622	629	657	706	760	814	847	843	844	866	902	864	857	874
Territorial	9	503	511	507	526	554	582	594	621	653	676	675	706	738	764	760	755	750

1. Previously labeled "distributive services."

2. Previously labeled "accommodations and amusement." Includes arts, entertainment, and recreation (NAICS 71) and accommodations and food services (NAICS 72).

NOTE. Detail may not add to total because of rounding.