

News Release

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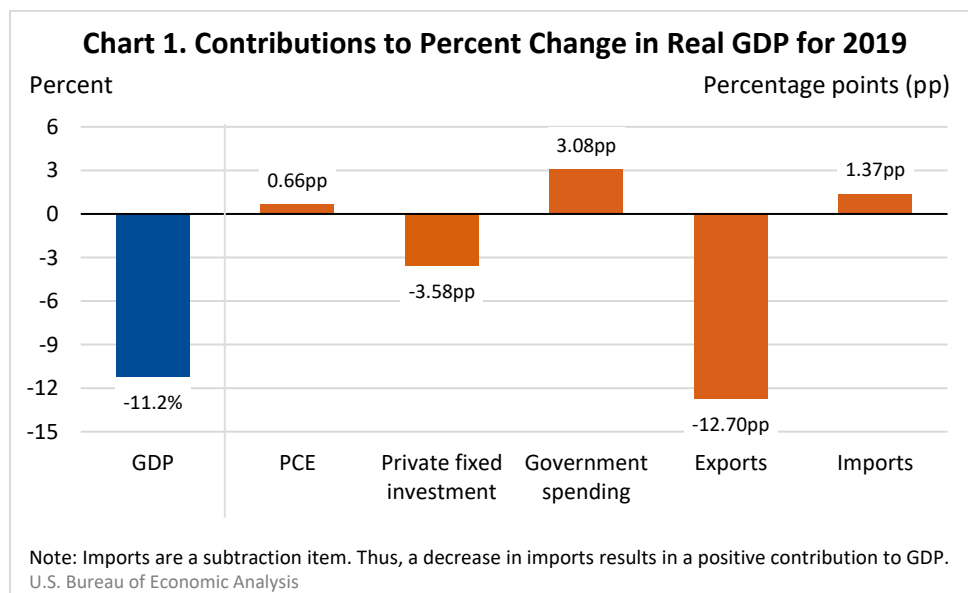
Gross Domestic Product for the CNMI, 2019

Today, the Bureau of Economic Analysis (BEA) is releasing estimates of gross domestic product (GDP) for the Commonwealth of the Northern Mariana Islands (CNMI) 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 the CNMI show that real GDP—GDP adjusted to remove price changes—decreased 11.2 percent in 2019 after decreasing 19.3 percent in 2018 (table 1.3).

As shown in chart 1, the decrease in real GDP reflected decreases in exports and private fixed investment. These decreases were partly offset by an increase in government spending.



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

Exports of goods and services was the primary driver of the decline in real GDP. The decrease in exports was accounted for by exports of services, which decreased 27.7 percent. Visitor spending, including on casino gambling, declined in 2019. Statistics published by the CNMI government showed that the number of visitor arrivals to the CNMI decreased 5.9 percent. According to publicly available financial statements, revenues from casino gambling dropped over 80 percent.

How to Interpret Contributions to Percent Change in Major GDP Components

There is often interest in how much a specific GDP component contributes to the change in real GDP. BEA publishes this measure in news release table 1.4. Chart 1 shows both the percent change of total real GDP and the contributions (in percentage points) of each major component to that change. For example, exports of goods and services accounted for -12.70 percentage points of the 11.2 percent decrease in real GDP in 2019. This means that, all else equal, had exports neither increased nor decreased in 2019, real GDP would have increased 1.5 percent.

Private fixed investment decreased 20.8 percent, reflecting a decline in business spending on construction and equipment. Despite this substantial decline, business spending on construction and equipment remained at historically high levels, supported by continued development of a casino resort on Saipan and post-typhoon reconstruction activity (table 1.2).

Partly offsetting the declines in exports and private fixed investment was growth in government spending, both by the federal government and the territorial government. Federal government spending increased 42.3 percent, primarily due to recovery activities following Typhoon Yutu. Territorial government spending increased 4.1 percent, reflecting an increase in expenditures funded by federal disaster grants.

Gross Domestic Product by Industry and Compensation by Industry for 2018

The estimates of GDP by industry for the CNMI show that the private sector was the source of the decline in real GDP in 2018 (table 2.5). The decline was more than accounted for by the accommodations, food services, and amusement sectors, reflecting the drop in tourism and output of the casino industry.

The compensation by industry estimates, which are measured in current dollars, show trends in compensation for major industries (table 2.6). Total compensation increased in 2018, reflecting growth in all industries shown except manufacturing. The largest contributor was the territorial government. Government financial statements for the Commonwealth and its independent agencies show that wages increased in fiscal year 2018.

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.

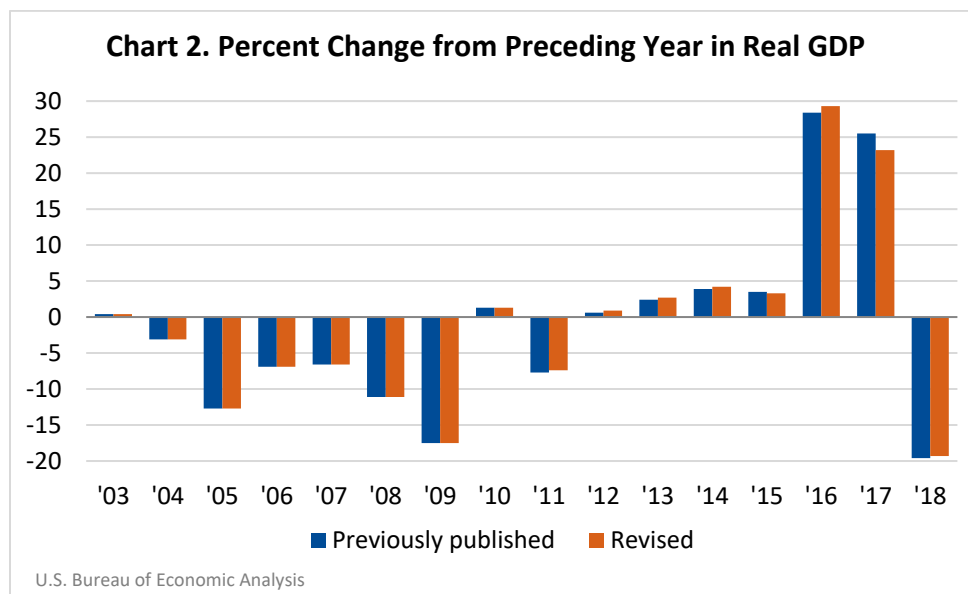
Revisions to GDP and Related Estimates

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:

- 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 CNMI economy,
- CNMI government data sources, such as updated data on business revenues, imports of goods, and government financial statements for the CNMI government and its independent agencies,
- Construction in progress data from publicly available financial statements covering casino activity, and
- BEA’s U.S. national income and product accounts.

Chart 2 shows that the revised 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 imports, consumer spending, and private fixed investment.



For example, consumer spending increased more than previously estimated between 2012 and 2017, reflecting the incorporation of 2017 ECIA data on sales to resident households.

Private fixed investment also increased more than previously estimated over this period, reflecting the incorporation of 2017 ECIA data on capital expenditures by private businesses and of construction in progress data collected from casino financial statements.

Comparisons of these updated estimates of consumer spending and private investment with ECIA and CNMI government data on business revenues showed that many of the goods and services purchased by

households and businesses in the CNMI were produced outside of the islands. Thus, imports, which are a subtraction in the calculation of GDP, were also revised upward.

Future Directions

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

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

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 CNMI 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, 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 the CNMI.

Private fixed investment (PFI) measures spending by private businesses, nonprofit institutions, and households on fixed assets in the CNMI 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 CNMI production of goods and services that is provided to the rest of the world. Imports measures the portion of total

CNMI 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.

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Commonwealth of the Northern Mariana Islands

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	1,284	1,239	1,210	1,061	990	938	939	795	799	729	746	772	832	910	1,230	1,560	1,302	1,182
Personal consumption expenditures	2	459	470	477	425	474	480	504	431	442	446	460	490	525	529	571	654	677	688
Goods	3	332	346	394	332	369	358	387	332	354	366	399	412	433	428	435	490	483	466
Durable goods	4	121	127	145	123	140	137	142	119	130	132	143	153	164	169	173	192	190	183
Nondurable goods	5	210	219	249	209	229	222	245	213	224	234	256	260	269	259	262	298	293	283
Services	6	441	424	451	434	414	409	427	381	398	374	418	456	507	563	992	1,215	821	676
Net foreign travel	7	-314	-300	-368	-341	-309	-287	-310	-283	-309	-293	-357	-378	-414	-461	-855	-1,051	-627	-453
Private fixed investment	8	80	78	98	97	92	79	83	85	77	74	79	88	112	192	398	379	222	183
Net exports of goods and services	9	387	344	281	182	77	47	29	-47	-70	-132	-98	-123	-123	-153	-116	112	-96	-236
Exports	10	1,169	1,118	1,218	1,017	829	627	488	312	335	317	379	402	437	482	882	1,081	661	497
Goods	11	848	810	842	668	514	333	172	23	19	17	16	17	15	13	19	23	26	36
Services	12	321	308	376	349	315	293	316	289	316	300	364	385	422	469	863	1,059	635	461
Imports	13	782	774	937	835	752	579	459	360	405	449	478	525	560	635	998	969	757	733
Goods	14	673	666	807	720	648	498	394	307	346	384	409	449	477	488	636	621	598	601
Services	15	109	108	130	116	104	81	66	53	59	65	69	76	82	147	362	348	159	132
Government consumption expenditures and gross investment	16	358	346	353	357	347	332	324	327	349	341	305	317	318	342	376	415	499	548
Federal	17	14	16	16	16	14	13	15	20	22	21	21	20	22	28	24	26	52	75
Territorial	18	344	329	337	340	333	319	308	306	327	319	284	297	296	314	352	390	448	472

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

Commonwealth of the Northern Mariana Islands

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	1,457	1,462	1,417	1,237	1,152	1,075	956	788	799	740	746	766	798	825	1,066	1,313	1,059	941
Personal consumption expenditures	2	602	633	611	521	549	539	532	450	464	450	460	497	533	555	595	662	667	676
Goods	3	464	486	524	422	455	434	440	365	383	372	399	415	425	430	437	476	456	436
Durable goods	4	158	165	180	148	168	163	163	130	139	132	143	154	162	175	177	187	181	171
Nondurable goods	5	307	322	345	275	288	271	277	234	244	240	256	261	263	256	260	289	275	265
Services	6	551	551	574	540	486	464	462	407	416	379	418	454	497	558	953	1,148	757	622
Net foreign travel	7	-417	-406	-489	-446	-391	-357	-370	-323	-336	-300	-357	-371	-390	-433	-774	-935	-542	-389
Private fixed investment	8	92	89	110	106	98	83	84	88	80	75	79	88	111	191	392	361	202	160
Net exports of goods and services	9	401	380	336	248	133	107	11	-91	-103	-131	-98	-128	-145	-248	-320	-98	-224	-350
Exports	10	1,647	1,579	1,708	1,418	1,143	852	543	356	365	324	379	395	411	453	804	968	577	432
Goods	11	1,154	1,098	1,138	904	694	446	155	26	21	17	16	17	15	13	20	23	26	35
Services	12	427	417	500	456	400	365	378	330	343	307	364	378	397	439	783	944	552	399
Imports	13	1,246	1,198	1,372	1,170	1,010	746	532	447	467	456	478	523	556	701	1,124	1,067	801	782
Goods	14	1,092	1,044	1,188	1,007	874	647	457	388	405	390	409	448	477	555	749	710	654	666
Services	15	155	155	185	163	136	99	75	59	62	66	69	75	79	142	344	327	146	119
Government consumption expenditures and gross investment	16	445	447	427	412	403	367	343	344	359	346	305	309	300	320	349	369	416	450
Federal	17	20	22	20	20	16	14	17	22	22	21	21	19	21	27	23	23	45	64
Territorial	18	425	426	407	393	387	353	327	322	336	324	284	290	279	293	326	346	372	387
Addenda:																			
Population (thousands) ¹	19	74.4	76.6	78.9	70.6	60.7	59.3	57.6	55.5	53.5	52.2	51.4	51.2	51.0	50.8	50.6	50.3	50.0	49.8
Per capita real GDP (chained dollars)	20	19,583	19,086	17,959	17,521	18,979	18,128	16,597	14,198	14,935	14,176	14,514	14,961	15,647	16,240	21,067	26,103	21,180	18,896

(1) Source: U.S. Census Bureau

Commonwealth of the Northern Mariana Islands

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	0.4	-3.1	-12.7	-6.9	-6.6	-11.1	-17.5	1.3	-7.4	0.9	2.7	4.2	3.3	29.3	23.2	-19.3	-11.2
Personal consumption expenditures	2	5.2	-3.4	-14.8	5.5	-1.8	-1.4	-15.4	3.0	-2.9	2.2	8.1	7.2	4.2	7.2	11.2	0.8	1.3
Goods	3	4.8	7.8	-19.4	7.8	-4.6	1.3	-17.1	5.1	-3.0	7.4	3.9	2.5	1.1	1.6	9.0	-4.2	-4.4
Durable goods	4	4.7	9.1	-17.6	13.1	-2.7	0.2	-20.2	6.7	-5.0	8.5	7.3	5.2	7.8	1.7	5.4	-3.1	-5.5
Nondurable goods	5	4.8	7.1	-20.4	4.8	-5.8	2.0	-15.3	4.1	-1.9	6.8	2.0	1.0	-2.9	1.5	11.4	-4.9	-3.7
Services	6	0.0	4.1	-5.9	-10.0	-4.5	-0.3	-11.9	2.0	-8.8	10.3	8.6	9.5	12.4	70.7	20.5	-34.1	-17.8
Net foreign travel	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Private fixed investment	8	-3.4	22.9	-3.3	-7.8	-15.4	2.1	4.4	-8.9	-6.9	5.6	11.1	26.8	72.0	104.6	-7.9	-43.9	-20.8
Net exports of goods and services	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Exports	10	-4.1	8.2	-17.0	-19.4	-25.4	-36.3	-34.4	2.4	-11.1	17.0	4.1	4.1	10.1	77.5	20.5	-40.4	-25.2
Goods	11	-4.8	3.7	-20.6	-23.2	-35.8	-65.2	-83.4	-16.7	-20.8	-8.6	6.9	-11.7	-9.0	48.2	16.5	11.8	37.4
Services	12	-2.4	20.0	-8.9	-12.3	-8.7	3.4	-12.5	3.8	-10.5	18.5	4.0	4.8	10.7	78.3	20.6	-41.5	-27.7
Imports	13	-3.8	14.4	-14.7	-13.7	-26.2	-28.6	-16.0	4.5	-2.5	4.8	9.4	6.4	26.0	60.4	-5.1	-24.9	-2.4
Goods	14	-4.4	13.7	-15.2	-13.2	-26.0	-29.3	-15.0	4.3	-3.8	5.0	9.5	6.5	16.4	34.9	-5.2	-7.9	1.8
Services	15	0.1	18.9	-11.7	-16.4	-27.4	-24.2	-21.3	5.8	5.6	3.9	9.0	6.3	78.4	142.7	-4.9	-55.5	-18.1
Government consumption expenditures and gross investment	16	0.6	-4.6	-3.4	-2.2	-9.0	-6.4	0.2	4.3	-3.7	-11.7	1.4	-2.8	6.5	9.0	5.9	12.8	8.1
Federal	17	10.6	-6.7	-2.4	-18.5	-12.9	19.2	30.1	3.9	-4.4	-3.1	-6.4	7.9	26.5	-14.1	2.4	92.9	42.3
Territorial	18	0.1	-4.5	-3.4	-1.4	-8.8	-7.4	-1.3	4.4	-3.7	-12.3	1.9	-3.5	5.0	11.0	6.2	7.6	4.1

Commonwealth of the Northern Mariana Islands

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	0.4	-3.1	-12.7	-6.9	-6.6	-11.1	-17.5	1.3	-7.4	0.9	2.7	4.2	3.3	29.3	23.2	-19.3	-11.2
Percentage points:																		
Personal consumption expenditures	2	1.89	-1.33	-5.97	2.28	-0.87	-0.68	-8.36	1.65	-1.62	1.34	4.91	4.48	2.54	4.12	5.21	0.32	0.66
Goods	3	1.25	2.24	-6.45	2.49	-1.72	0.48	-7.20	2.14	-1.39	3.72	2.07	1.34	0.55	0.73	3.18	-1.31	-1.63
Durable goods	4	0.45	0.95	-2.14	1.52	-0.38	0.03	-3.14	1.02	-0.84	1.53	1.39	1.02	1.47	0.30	0.77	-0.38	-0.80
Nondurable goods	5	0.80	1.29	-4.31	0.97	-1.34	0.45	-4.06	1.12	-0.55	2.19	0.68	0.32	-0.92	0.43	2.42	-0.93	-0.83
Services	6	0.00	1.40	-2.23	-4.21	-1.90	-0.13	-5.45	0.99	-4.50	5.26	4.79	5.56	7.31	43.51	16.37	-26.41	-11.14
Net foreign travel	7	0.63	-4.97	2.71	4.00	2.75	-1.02	4.28	-1.47	4.27	-7.64	-1.95	-2.42	-5.32	-40.13	-14.34	28.04	13.42
Private fixed investment	8	-0.22	1.46	-0.27	-0.73	-1.43	0.17	0.38	-0.96	-0.68	0.57	1.17	3.01	9.40	21.67	-2.56	-10.73	-3.58
Net exports of goods and services	9	-1.46	-1.87	-5.46	-7.71	-1.13	-8.43	-9.63	-1.18	-3.47	4.45	-3.92	-2.16	-11.03	0.16	18.69	-12.40	-11.33
Exports	10	-3.85	7.38	-17.08	-18.68	-21.30	-25.55	-17.22	0.95	-4.82	7.43	2.09	2.16	5.16	40.81	14.59	-27.87	-12.70
Goods	11	-3.24	2.39	-14.30	-14.59	-18.53	-26.56	-12.91	-0.49	-0.53	-0.20	0.14	-0.25	-0.16	0.68	0.25	0.17	0.73
Services	12	-0.61	4.99	-2.78	-4.09	-2.77	1.01	-4.31	1.44	-4.29	7.63	1.95	2.41	5.32	40.13	14.33	-28.04	-13.44
Imports	13	2.39	-9.25	11.62	10.98	20.16	17.12	7.59	-2.13	1.36	-2.98	-6.01	-4.31	-16.19	-40.65	4.10	15.47	1.37
Goods	14	2.40	-7.60	10.36	9.12	17.19	15.13	6.08	-1.74	1.78	-2.64	-5.18	-3.70	-8.65	-17.98	2.68	3.15	-0.83
Services	15	-0.01	-1.65	1.26	1.85	2.97	2.00	1.51	-0.40	-0.42	-0.34	-0.83	-0.61	-7.54	-22.67	1.42	12.32	2.20
Government consumption expenditures and gross investment	16	0.16	-1.33	-1.01	-0.75	-3.21	-2.12	0.06	1.81	-1.65	-5.49	0.57	-1.15	2.42	3.31	1.81	3.46	3.08
Federal	17	0.12	-0.09	-0.03	-0.29	-0.18	0.24	0.50	0.10	-0.12	-0.09	-0.18	0.20	0.69	-0.43	0.05	1.54	1.68
Territorial	18	0.03	-1.24	-0.98	-0.45	-3.03	-2.36	-0.43	1.71	-1.53	-5.40	0.75	-1.35	1.73	3.74	1.77	1.93	1.40

Commonwealth of the Northern Mariana Islands

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	.....	-3.9	0.8	0.4	0.3	1.6	12.5	2.7	-0.9	-1.4	1.4	0.7	3.4	5.9	4.6	3.0	3.5	2.2
Personal consumption expenditures	2	.....	-2.6	5.1	4.5	5.8	3.2	6.3	1.1	-0.4	4.0	0.9	-1.4	0.0	-3.3	0.7	2.9	2.7	0.4
		[Index numbers, 2012=100]																	
Gross domestic product	3	88.1	84.7	85.4	85.7	86.0	87.3	98.2	100.9	100.0	98.6	100.0	100.7	104.2	110.3	115.4	118.8	123.0	125.7
Personal consumption expenditures	4	76.3	74.3	78.1	81.6	86.3	89.0	94.7	95.7	95.3	99.1	100.0	98.6	98.6	95.3	96.0	98.7	101.4	101.8

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	1,284	1,239	1,210	1,061	990	938	939	795	799	729	746	772	832	910	1,230	1,560	1,302	1,182
Compensation of employees	2	720	725	753	700	602	533	501	455	455	431	415	433	471	499	584	661	720	701
Taxes on production and imports less subsidies	3	128	150	166	164	142	119	109	99	94	95	102	121	153	165	229	244	205	178
Gross operating surplus	4	436	364	291	197	246	286	329	241	250	203	229	218	208	246	417	655	377	303

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	0.4	-3.1	-12.7	-6.9	-6.6	-11.1	-17.5	1.3	-7.4	0.9	2.7	4.2	3.3	29.3	23.2	-19.3
Previously published	2	0.4	-3.1	-12.7	-6.9	-6.6	-11.1	-17.5	1.3	-7.7	0.6	2.4	3.9	3.5	28.4	25.5	-19.6
Percentage points:																	
Revision	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	-0.2	0.9	-2.3	0.3

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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	1,284	1,239	1,210	1,061	990	938	939	795	799	729	746	772	832	910	1,230	1,560	1,302
Private industries	2	1,053	998	974	824	769	717	727	586	589	537	559	574	629	696	1,004	1,299	1,018
Manufacturing	3	403	395	386	349	244	174	50	18	16	15	12	11	16	20	23	19	21
Wholesale and retail trade ¹	4	129	138	150	124	143	140	165	135	149	153	157	172	182	193	205	220	239
Accommodations, food services, and amusements ²	5	122	123	141	144	128	111	122	105	110	97	114	131	144	180	437	691	386
Other private	6	398	342	298	207	254	291	390	328	314	271	276	260	287	302	339	369	372
Government	7	231	241	235	236	220	222	212	209	210	192	187	198	203	214	226	261	285
Federal	8	6	9	11	14	13	13	14	16	14	14	14	14	14	15	16	17	17
Territorial	9	225	232	224	222	207	209	197	193	196	178	173	184	189	199	210	244	267

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	82	81	80	78	78	76	77	74	74	74	75	74	76	76	82	83	78
Manufacturing	3	31	32	32	33	25	19	5	2	2	2	2	1	2	2	2	1	2
Wholesale and retail trade ¹	4	10	11	12	12	14	15	18	17	19	21	21	22	22	21	17	14	18
Accommodations, food services, and amusements ²	5	10	10	12	14	13	12	13	13	14	13	15	17	17	20	36	44	30
Other private	6	31	28	25	20	26	31	42	41	39	37	37	34	34	33	28	24	29
Government	7	18	19	19	22	22	24	23	26	26	26	25	26	24	24	18	17	22
Federal	8	0	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	1
Territorial	9	18	19	19	21	21	22	21	24	25	24	23	24	23	22	17	16	21

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).

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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	1,457	1,462	1,417	1,237	1,152	1,075	956	788	799	740	746	766	798	825	1,066	1,313	1,059
Private industries	2	1,176	1,150	1,133	961	885	818	720	567	582	544	559	574	606	629	860	1,084	829
Manufacturing	3	461	456	449	395	274	196	56	19	17	16	12	11	15	19	22	18	19
Wholesale and retail trade ¹	4	158	169	181	146	163	156	179	143	156	157	157	170	179	187	199	209	218
Accommodations, food services, and amusements ²	5	156	157	176	173	149	124	133	109	114	101	114	128	136	163	366	572	310
Other private	6	389	360	325	246	304	350	354	294	294	270	276	264	275	260	270	279	280
Government	7	273	307	277	270	261	252	233	223	217	196	187	193	193	195	204	226	227
Federal	8	9	12	14	17	15	14	16	17	14	14	14	14	13	14	15	15	15
Territorial	9	264	295	263	254	246	238	218	205	203	181	173	179	179	181	189	211	212

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	0.4	-3.1	-12.7	-6.9	-6.6	-11.1	-17.5	1.3	-7.4	0.9	2.7	4.2	3.3	29.3	23.2	-19.3
Private industries	2	-2.2	-1.4	-15.2	-7.9	-7.6	-12.0	-21.3	2.7	-6.5	2.8	2.6	5.6	3.9	36.7	26.0	-23.5
Manufacturing	3	-1.1	-1.6	-12.0	-30.7	-28.4	-71.4	-65.4	-10.5	-7.8	-27.3	-4.1	35.7	24.1	16.2	-16.4	4.4
Wholesale and retail trade ¹	4	7.5	6.7	-19.2	11.2	-4.1	15.1	-20.4	9.3	0.8	-0.1	8.3	5.3	4.4	6.5	5.0	4.2
Accommodations, food services, and amusements ²	5	0.3	12.4	-1.8	-13.9	-16.7	6.9	-17.8	4.2	-11.0	13.0	12.0	6.6	19.8	124.3	56.0	-45.7
Other private	6	-7.5	-9.7	-24.1	23.4	15.2	1.1	-17.1	0.1	-8.4	2.4	-4.4	4.1	-5.3	3.8	3.3	0.4
Government	7	12.5	-9.6	-2.7	-3.3	-3.5	-7.5	-4.6	-2.3	-10.0	-4.4	3.2	-0.1	1.4	4.3	10.8	0.5
Federal	8	38.3	17.7	19.4	-8.1	-7.2	10.0	9.3	-15.8	0.5	-3.2	-1.6	-3.4	5.0	4.4	1.7	-0.4
Territorial	9	11.8	-10.6	-3.8	-3.0	-3.2	-8.6	-5.6	-1.2	-10.8	-4.5	3.6	0.2	1.2	4.3	11.5	0.6

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).

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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	0.4	-3.1	-12.7	-6.9	-6.6	-11.1	-17.5	1.3	-7.4	0.9	2.7	4.2	3.3	29.3	23.2	-19.3
Percentage points:																	
Private industries	2	-1.85	-1.15	-12.18	-6.18	-5.85	-9.27	-16.48	1.95	-4.74	2.04	1.93	4.20	2.92	28.22	21.17	-19.45
Manufacturing	3	-0.35	-0.51	-3.88	-10.15	-6.93	-12.60	-3.50	-0.24	-0.16	-0.58	-0.06	0.52	0.44	0.34	-0.30	0.05
Wholesale and retail trade ¹	4	0.76	0.76	-2.41	1.34	-0.59	2.16	-3.58	1.58	0.16	-0.02	1.75	1.16	0.93	1.34	0.84	0.59
Accommodations, food services, and amusements ²	5	0.03	1.24	-0.22	-1.91	-2.19	0.78	-2.34	0.55	-1.52	1.76	1.85	1.12	3.41	25.24	19.72	-20.19
Other private	6	-2.29	-2.63	-5.68	4.55	3.87	0.39	-7.06	0.05	-3.22	0.89	-1.60	1.41	-1.86	1.29	0.91	0.09
Government	7	2.21	-1.92	-0.53	-0.72	-0.78	-1.71	-1.04	-0.63	-2.68	-1.17	0.80	-0.02	0.35	0.99	2.00	0.09
Federal	8	0.19	0.13	0.18	-0.11	-0.10	0.13	0.14	-0.33	0.01	-0.06	-0.03	-0.06	0.08	0.07	0.02	0.00
Territorial	9	2.02	-2.05	-0.71	-0.61	-0.68	-1.84	-1.19	-0.30	-2.69	-1.11	0.83	0.04	0.27	0.92	1.98	0.09

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	720	725	753	700	602	533	501	455	455	431	415	433	471	499	584	661	720
Private industries	2	506	510	536	480	398	336	307	263	264	259	252	267	299	313	387	441	466
Manufacturing	3	210	199	216	166	117	74	26	9	8	8	8	6	6	9	10	9	9
Wholesale and retail trade ¹	4	57	61	65	54	62	62	72	58	62	62	63	67	70	73	76	80	88
Accommodations, food services, and amusements ²	5	64	66	76	77	67	61	67	58	60	54	64	73	80	105	160	198	213
Other private	6	175	184	179	183	152	140	142	137	134	135	119	121	143	126	140	155	157
Government	7	214	215	217	220	204	197	194	192	191	172	162	165	171	186	197	220	254
Federal	8	6	9	11	13	13	13	14	16	14	14	14	14	14	15	16	16	17
Territorial	9	208	206	206	207	191	184	180	176	177	158	148	152	158	171	182	203	237

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.