

The growth in the CNMI economy reflected widespread increases among the components of GDP (see Table 1.4). These increases were partly offset by an increase in imports of goods and services, which is a subtraction item in the calculation of GDP.

Private fixed investment was the largest contributor to economic growth in 2015, increasing over 60 percent. This growth reflected investments by the gaming industry, including a temporary training facility and an integrated casino resort under construction in Garapan.

Territorial government spending increased, reflecting recovery operations and reconstruction following Typhoon Soudelor. The typhoon struck the CNMI in early August 2015, damaging the local power plant and the island's power distribution systems.

Exports of services, which consists primarily of spending by tourists, grew for the fourth year in a row. The increase reflected growth in visitor arrivals from Korea and China.

Gross Domestic Product by Industry and Compensation by Industry for 2014

The estimates of GDP by industry for the CNMI show that the private sector was the source of the increase in real GDP in 2014 (see Table 2.5). The largest contributor to growth was the accommodations and amusement sector, reflecting growth in spending by tourists.

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 2014, reflecting increases in all sectors except the federal government.

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

Estimates for 2013 and 2014 that were released on February 29, 2016 have been revised in order to incorporate improvements to source data, including:

- newly available data for territorial government spending from government financial statements, and
- updated international trade data provided by the CNMI government.

The revised estimates show a similar pattern of inflation-adjusted growth as the previously published estimates (see Table 1.7).

Future directions

Moving forward, an agreement between OIA and BEA will 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 currently plans to release GDP estimates for 2016 in the summer of 2017. GDP by industry and compensation by industry estimates for 2015 will also 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 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 2009). 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 (2009) 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

Commonwealth of the Northern Mariana Islands

1. Domestic Product and Income

Table 1.1. Gross Domestic Product

	Line	[Millions of dollars]								
		2007	2008	2009	2010	2011	2012	2013	2014	2015
Gross domestic product	1	938	939	795	799	733	751	780	836	922
Personal consumption expenditures	2	480	504	431	442	451	469	486	539	545
Goods	3	358	387	332	354	366	399	438	470	476
Durable goods	4	137	142	119	130	132	143	166	186	194
Nondurable goods	5	222	245	213	224	234	256	272	284	282
Services	6	409	427	381	398	378	427	459	510	521
Net foreign travel	7	-287	-310	-283	-309	-293	-357	-411	-441	-453
Private fixed investment	8	79	83	85	77	74	79	90	142	227
Net exports of goods and services	9	47	29	-47	-70	-132	-98	-109	-159	-197
Exports	10	627	488	312	335	317	380	435	463	474
Goods	11	333	172	23	19	17	16	17	15	14
Services	12	293	316	289	316	300	364	418	448	460
Imports	13	579	459	360	405	449	478	544	622	671
Goods	14	498	394	307	346	384	409	467	534	556
Services	15	81	66	53	59	65	69	77	87	116
Government consumption expenditures and gross investment	16	332	324	327	349	340	301	312	314	347
Federal	17	13	15	20	22	22	21	20	22	29
Territorial	18	319	308	306	327	318	279	292	292	318 ^p

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

(p) The fiscal year 2015 CNMI government-wide audited financial statements were not available in time for incorporation into the estimates of GDP. Preliminary estimates of central government spending reflect information on the CNMI government's fiscal year budgets and on federal grant awards.

Commonwealth of the Northern Mariana Islands

Table 1.2. Real Gross Domestic Product, Chained Dollars

	Line	[Millions of chained (2009) dollars]								
		2007	2008	2009	2010	2011	2012	2013	2014	2015
Gross domestic product	1	1,084	964	795	806	744	748	765	787	814
Personal consumption expenditures	2	516	509	431	444	430	440	457	502	512
Goods	3	395	400	332	349	338	363	402	424	440
Durable goods	4	149	149	119	127	121	131	155	173	188
Nondurable goods	5	246	251	213	222	217	232	247	252	253
Services	6	434	433	381	389	354	390	414	444	455
Net foreign travel	7	-313	-324	-283	-294	-263	-313	-356	-365	-381
Private fixed investment	8	80	82	85	78	72	76	87	138	223
Net exports of goods and services	9	147	48	-47	-56	-82	-52	-61	-116	-200
Exports	10	747	476	312	320	284	333	377	385	399
Goods	11	396	138	23	19	15	14	15	13	12
Services	12	320	331	289	300	269	319	362	371	387
Imports	13	600	428	360	376	367	384	438	501	599
Goods	14	511	361	307	320	308	323	368	423	496
Services	15	88	67	53	56	59	61	70	79	104
Government consumption expenditures and gross investment	16	348	326	327	341	327	286	289	281	309
Federal	17	13	16	20	21	21	20	19	20	26
Territorial	18	335	310	306	320	307	265	270	261	283 ^p
Addenda:										
Population (thousands) ¹	19	59.3	57.6	55.5	53.5	52.2	51.4	51.2	51.5	52.3
Per capita real GDP (chained dollars)	20	18,280	16,736	14,324	15,065	14,253	14,553	14,941	15,282	15,564

(1) Source: U.S. Census Bureau

(p) The fiscal year 2015 CNMI government-wide audited financial statements were not available in time for incorporation into the estimates of GDP. Preliminary estimates of central government spending reflect information on the CNMI government's fiscal year budgets and on federal grant awards.

Commonwealth of the Northern Mariana Islands

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

	Line	[Percent]							
		2008	2009	2010	2011	2012	2013	2014	2015
Gross domestic product	1	-11.1	-17.5	1.3	-7.7	0.6	2.3	2.8	3.5
Personal consumption expenditures	2	-1.4	-15.4	3.0	-3.2	2.4	3.9	9.9	1.9
Goods	3	1.3	-17.1	5.1	-3.0	7.4	10.7	5.5	3.7
Durable goods	4	0.2	-20.2	6.7	-5.0	8.5	18.1	11.7	8.5
Nondurable goods	5	2.0	-15.3	4.1	-1.9	6.8	6.6	1.8	0.5
Services	6	-0.3	-11.9	2.0	-9.1	10.4	6.0	7.5	2.3
Net foreign travel	7	.....	.....	.....	.....	.....	.....	.....	.....
Private fixed investment	8	2.1	4.4	-8.9	-6.9	5.6	14.4	57.5	61.8
Net exports of goods and services	9	.....	.....	.....	.....	.....	.....	.....	.....
Exports	10	-36.3	-34.4	2.4	-11.1	17.1	13.3	2.0	3.8
Goods	11	-65.2	-83.4	-16.7	-20.8	-8.6	6.9	-11.7	-9.0
Services	12	3.4	-12.5	3.8	-10.5	18.5	13.6	2.6	4.2
Imports	13	-28.6	-16.0	4.5	-2.5	4.8	13.9	14.5	19.6
Goods	14	-29.3	-15.0	4.3	-3.8	5.0	14.0	14.7	17.4
Services	15	-24.3	-21.2	6.0	5.7	3.8	13.7	13.0	32.3
Government consumption expenditures and gross investment	16	-6.4	0.2	4.4	-4.0	-12.8	1.1	-2.7	10.0
Federal	17	19.2	30.7	4.4	-3.6	-2.5	-6.5	7.3	28.5
Territorial	18	-7.4	-1.3	4.4	-4.0	-13.5	1.7	-3.3	8.6 ^p

(p) The fiscal year 2015 CNMI government-wide audited financial statements were not available in time for incorporation into the estimates of GDP. Preliminary estimates of central government spending reflect information on the CNMI government's fiscal year budgets and on federal grant awards.

Commonwealth of the Northern Mariana Islands

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

	Line								
		2008	2009	2010	2011	2012	2013	2014	2015
Percent change:									
Gross domestic product	1	-11.1	-17.5	1.3	-7.7	0.6	2.3	2.8	3.5
Percentage points:									
Personal consumption expenditures	2	-0.68	-8.36	1.65	-1.80	1.47	2.43	6.06	1.18
Goods	3	0.48	-7.20	2.14	-1.39	3.69	5.62	3.07	1.98
Durable goods	4	0.03	-3.14	1.02	-0.84	1.52	3.40	2.46	1.81
Nondurable goods	5	0.45	-4.06	1.12	-0.55	2.17	2.21	0.61	0.17
Services	6	-0.13	-5.45	0.99	-4.67	5.37	3.39	4.37	1.36
Net foreign travel	7	-1.02	4.28	-1.47	4.25	-7.60	-6.57	-1.38	-2.16
Private fixed investment	8	0.17	0.38	-0.96	-0.67	0.56	1.51	6.54	10.15
Net exports of goods and services	9	-8.43	-9.64	-1.19	-3.46	4.44	-2.07	-8.74	-11.51
Exports	10	-25.55	-17.22	0.95	-4.80	7.39	6.71	1.14	2.01
Goods	11	-26.56	-12.91	-0.49	-0.53	-0.20	0.14	-0.25	-0.16
Services	12	1.01	-4.31	1.44	-4.27	7.58	6.57	1.38	2.17
Imports	13	17.13	7.58	-2.14	1.35	-2.95	-8.78	-9.88	-13.52
Goods	14	15.13	6.08	-1.74	1.78	-2.62	-7.54	-8.62	-10.24
Services	15	2.00	1.50	-0.41	-0.43	-0.33	-1.24	-1.26	-3.28
Government consumption expenditures and gross investment	16	-2.12	0.08	1.82	-1.75	-5.92	0.45	-1.06	3.67
Federal	17	0.24	0.51	0.11	-0.10	-0.07	-0.19	0.19	0.74
Territorial	18	-2.36	-0.43	1.71	-1.65	-5.84	0.63	-1.25	2.93 ^p

(p) The fiscal year 2015 CNMI government-wide audited financial statements were not available in time for incorporation into the estimates of GDP. Preliminary estimates of central government spending reflect information on the CNMI government's fiscal year budgets and on federal grant awards.

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	2007	2008	2009	2010	2011	2012	2013	2014	2015
		[Percent]								
Gross domestic product	1	1.6	12.5	2.7	-0.8	-0.7	1.9	1.5	4.3	6.6
Personal consumption expenditures	2	3.2	6.3	1.1	-0.4	5.3	1.6	-0.4	0.9	-0.8 ^p
		[Index numbers, 2009=100]								
Gross domestic product	3	86.5	97.4	100.0	99.2	98.5	100.4	101.9	106.2	113.2
Personal consumption expenditures	4	93.0	98.9	100.0	99.6	104.9	106.6	106.2	107.2	106.4 ^p

(p) The 2015 CNMI Consumer Price Index was not available in time for incorporation into the estimates of GDP. The preliminary PCE price index for 2015 reflects trends in the Guam Consumer Price Index.

Table 1.6. Gross Domestic Income

	Line	[Millions of dollars]								
		2007	2008	2009	2010	2011	2012	2013	2014	2015
Gross domestic product	1	938	939	795	799	733	751	780	836	922
Compensation of employees	2	533	501	455	456	431	415	433	470	493
Taxes on production and imports less subsidies	3	119	109	99	94	95	102	121	152	144
Gross operating surplus	4	286	329	241	249	207	234	226	214	285

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

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

	Line	2008	2009	2010	2011	2012	2013	2014
		Percent change:						
Revised	1	-11.1	-17.5	1.3	-7.7	0.6	2.3	2.8
Previously published	2	-11.1	-17.5	1.3	-7.7	0.6	2.6	3.0
Percentage points:								
Revision	3	0.0	0.0	0.0	0.0	0.0	-0.3	-0.2

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2. GDP by Industry

Table 2.1. Value Added by Industry

	Line	[Millions of dollars]							
		2007	2008	2009	2010	2011	2012	2013	2014
Gross domestic product	1	938	939	795	799	733	751	780	836
Private industries	2	717	727	586	589	540	563	581	632
Manufacturing	3	174	50	18	16	15	12	11	15
Distributive Services	4	140	165	135	149	153	157	170	178
Accommodations and Amusement	5	111	122	105	110	97	114	133	147
All Other	6	291	390	328	314	274	280	268	292
Government	7	222	212	209	210	193	188	199	204
Federal	8	13	14	16	14	15	15	15	14
Territorial	9	209	197	193	196	178	173	184	189

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

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

	Line	[Percent]							
		2007	2008	2009	2010	2011	2012	2013	2014
Gross domestic product	1	100	100	100	100	100	100	100	100
Private industries	2	76	77	74	74	74	75	74	76
Manufacturing	3	19	5	2	2	2	2	1	2
Distributive Services	4	15	18	17	19	21	21	22	21
Accommodations and Amusement	5	12	13	13	14	13	15	17	18
All Other	6	31	42	41	39	37	37	34	35
Government	7	24	23	26	26	26	25	26	24
Federal	8	1	1	2	2	2	2	2	2
Territorial	9	22	21	24	25	24	23	24	23

Commonwealth of the Northern Mariana Islands

Table 2.3. Real Value Added by Industry

	Line	[Millions of chained (2009) dollars]							
		2007	2008	2009	2010	2011	2012	2013	2014
Gross domestic product	1	1,084	964	795	806	744	748	765	787
Private industries	2	846	745	586	601	560	573	584	606
Manufacturing	3	181	52	18	16	15	11	10	13
Distributive Services	4	147	169	135	147	148	148	158	165
Accommodations and Amusement	5	120	128	105	110	98	110	125	135
All Other	6	391	396	328	328	298	303	287	288
Government	7	237	219	209	204	184	176	182	182
Federal	8	13	15	16	14	14	14	13	13
Territorial	9	224	205	193	191	170	163	169	169

Table 2.4. Percent Changes in Real Value Added by Industry

	Line	[Percent]						
		2008	2009	2010	2011	2012	2013	2014
Gross domestic product	1	-11.1	-17.5	1.3	-7.7	0.6	2.3	2.8
Private industries	2	-12.0	-21.3	2.6	-6.9	2.3	2.0	3.7
Manufacturing	3	-71.4	-65.4	-10.5	-7.8	-27.3	-6.5	32.4
Distributive Services	4	15.1	-20.4	9.3	0.8	-0.3	7.1	3.9
Accommodations and Amusement	5	6.9	-17.8	4.2	-11.0	13.0	13.5	8.2
All Other	6	1.2	-17.1	0.1	-9.1	1.6	-5.2	0.4
Government	7	-7.5	-4.6	-2.3	-9.9	-4.3	3.2	0.0
Federal	8	10.0	9.9	-15.1	1.5	-2.4	-2.2	-3.6
Territorial	9	-8.6	-5.6	-1.2	-10.8	-4.5	3.7	0.3

Commonwealth of the Northern Mariana Islands

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

	Line								
		2008	2009	2010	2011	2012	2013	2014	
Percent change:									
Gross domestic product	1	-11.1	-17.5	1.3	-7.7	0.6	2.3	2.8	
Percentage points:									
Private industries	2	-9.27	-16.49	1.94	-5.05	1.68	1.50	2.79	
Manufacturing	3	-12.60	-3.50	-0.24	-0.16	-0.58	-0.10	0.45	
Distributive Services	4	2.16	-3.58	1.58	0.16	-0.06	1.48	0.83	
Accommodations and Amusement	5	0.78	-2.34	0.55	-1.52	1.74	2.06	1.38	
All Other	6	0.39	-7.07	0.04	-3.53	0.58	-1.94	0.13	
Government	7	-1.71	-1.04	-0.61	-2.65	-1.13	0.82	0.00	
Federal	8	0.13	0.15	-0.32	0.03	-0.05	-0.04	-0.07	
Territorial	9	-1.84	-1.19	-0.30	-2.68	-1.08	0.86	0.06	

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]							
		2007	2008	2009	2010	2011	2012	2013	2014
Total compensation	1	533	501	455	456	431	415	433	470
Private industries	2	336	307	263	264	259	252	267	298
Manufacturing	3	74	26	9	8	8	8	7	10
Distributive Services	4	62	72	58	62	62	63	67	71
Accommodations and Amusement	5	61	67	58	60	54	64	74	83
All Other	6	140	142	137	134	135	119	117	135
Government	7	197	194	192	191	172	163	166	172
Federal	8	13	14	16	14	14	14	14	14
Territorial	9	184	180	176	177	158	149	152	158

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