

# BEA BRIEFING

## Territorial Economic Accounts for American Samoa, the Commonwealth of the Northern Mariana Islands, Guam, and the U.S. Virgin Islands

### New Estimates of GDP for 2013

### New Estimates of GDP by Industry and Compensation by Industry for 2012

By Kevin Furlong and Aya Hamano

**I**N COLLABORATION with the Department of the Interior’s Office of Insular Affairs (OIA) and with staff from the territorial governments, the Bureau of Economic Analysis (BEA) produces annual economic accounts for American Samoa, the Commonwealth of the Northern Mariana Islands (CNMI), Guam, and the U.S. Virgin Islands. The OIA provides funding for the work and facilitates interactions between BEA and the territorial governments.<sup>1</sup>

The purpose of this ongoing project is to provide data users with comprehensive, objective measures of economic activity for these four U.S. territories. Consistent measures of economic activity are critical for

1. OIA is the federal agency that manages the federal government’s relations with the governments of American Samoa, the CNMI, Guam, and the U.S. Virgin Islands. It works with these territories to encourage economic development, transparency of government, financial stability, and accountability.

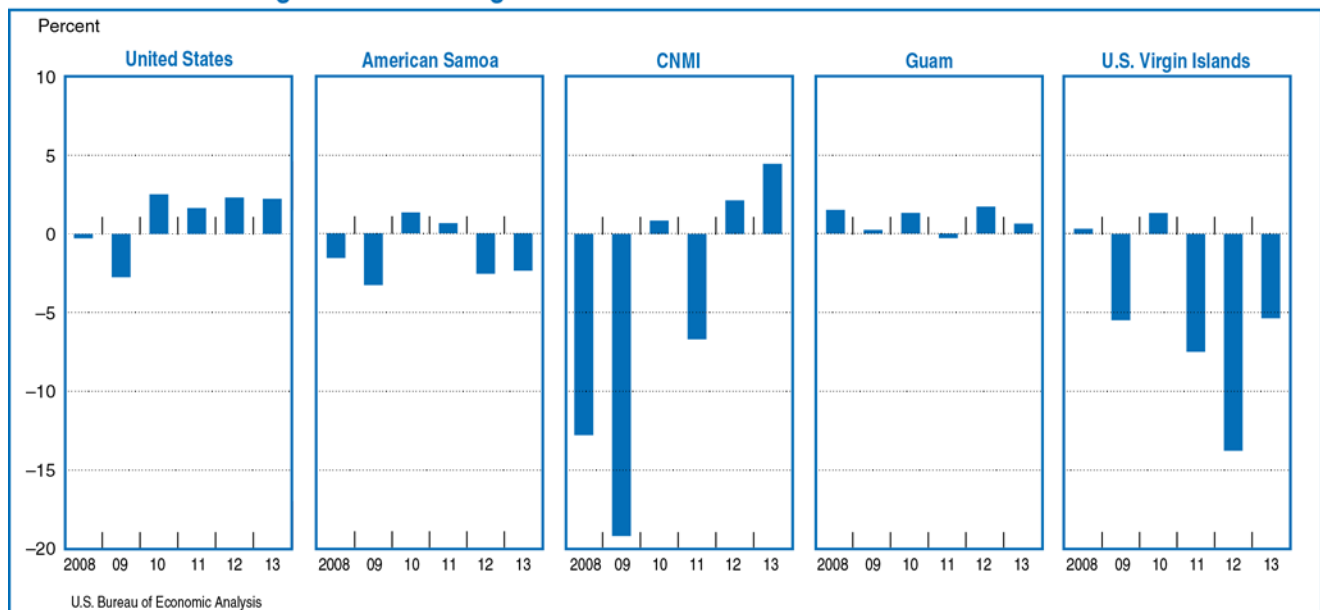
*Erin M. Ludlow prepared the tables and chart for this BEA Briefing.*

understanding the territorial economies and how they have developed over time. Without such measures, it is difficult for businesses and governments to make informed economic and financial planning decisions and for policymakers to assess the impacts of their decisions on growth. For the United States, BEA produces gross domestic product (GDP) and other related economic measures as part of its national income and product accounts (NIPAs); however, these estimates cover only the 50 states and the District of Columbia. Transactions with the territories are classified as transactions with the “rest-of-the-world.”

This year, BEA released new estimates of GDP for 2013, and revised estimates for 2010 through 2012.<sup>2</sup> These estimates are shown in chart 1 below. For comparison, real GDP growth for the United States (excluding the territories) is also shown.

2. BEA released these estimates during separate visits to the four territories that took place between August and November of 2014. Individual news releases for each of the territories are available on [BEA’s Web site](#).

**Chart 1. Percent Change From Preceding Year in Real GDP**



Highlights of the latest estimates of GDP for each territory are described below.

### American Samoa

Real GDP decreased 2.4 percent in 2013 (see table A.1.3.).

- The primary source of the decline in GDP was territorial government spending (see table A.1.4.).<sup>3</sup> The decrease in government spending reflected territorial government budget controls and lower revenues from federal grants.
- The decline in territorial government spending was partly offset by increases in consumer spending and private fixed investment (see table A.1.4.). The growth in private fixed investment reflected investments by the tuna canning industry, including the completion of a multimillion-dollar cold storage facility.<sup>4</sup>

### CNMI

Real GDP increased 4.4 percent in 2013 (see table B.1.3.).

- The largest contributor to the increase in GDP was consumer spending (see table B.1.4.). The increase in consumer spending was largely due to growth in purchases of durable goods, in particular, of motor vehicles.
- Tourism contributed significantly to the growth in the economy. Exports of services, which consist mostly of spending by tourists, increased (see table B.1.3.). This increase reflected growth in visitor arrivals to the CNMI.

### Guam

Real GDP increased 0.6 percent in 2013 (see table C.1.3.).

- The primary source of the increase in GDP was private fixed investment (see table C.1.4.). Construction spending accounted for most of the growth in private fixed investment; major projects occurring over this period included the construction of Guam's first private hospital and a new luxury hotel in Tumon Bay.
- The increase in private fixed investment was partly offset by a decrease in spending by tourists (see table C.1.4.). Exports of services, which consist mostly of spending by tourists, decreased (see table C.1.3.). This decrease was mostly due to a decline in

spending by Japanese visitors, who make up the majority of Guam's tourist market.

### U.S. Virgin Islands

Real GDP decreased 5.4 percent in 2013 (see table D.1.3.).

- The largest contributor to this decrease was exports of goods (see table D.1.4.), reflecting the decline of the petroleum refining industry that for many years had played a dominant role in the economy. The Hovensa oil refinery, one of the world's largest oil refineries, shut down operations on St. Croix in early 2012.
- Excluding the petroleum refining industry's imports, exports, and inventory investment, GDP would have increased 0.6 percent in 2013, primarily due to growth in spending by tourists and in exports of rum.

New estimates of GDP by industry and compensation by industry for 2012 were also included in the 2013 GDP news releases for each territory. These estimates, along with GDP for 2013, are presented in detail in the accompanying tables.<sup>5</sup>

The methods used to derive the estimates of GDP and GDP by industry are summarized in the appendix "Summary of Methodologies."

### Future Directions

This project represents an important step toward achieving BEA's and OIA's long-term goal: to integrate these territories into the full set of U.S. national income and product accounts (NIPAs). A primary obstacle to realizing this goal is the lack of coverage of these four territories by most of the major surveys used by BEA to produce estimates of GDP and related economic measures.<sup>6</sup> Until the territories are included in these surveys, BEA will continue to depend heavily on the assistance and information provided by each of the territorial governments.

In the summer of 2015, BEA will conduct a comprehensive revision of these accounts. This revision will incorporate information from the 2012 Economic Census of Island Areas, results from BEA's latest revisions to the national and industry accounts, and new source data from the territorial statistical offices. New GDP estimates for 2014, as well as GDP by industry and compensation by industry estimates for 2013, will be released at the same time.

3. In this article, "consumer spending" refers to "personal consumption expenditures," "inventory investment" refers to "change in private inventories," and "government spending" refers to "government consumption expenditures and gross investment." Private inventory investment for the CNMI and Guam is assumed to be negligible, so it is not shown in the tables.

4. Private fixed investment includes spending by businesses on construction and equipment.

5. The industry detail shown for GDP by industry and compensation by industry varies depending on the territory.

6. These surveys include merchant wholesale trade and retail trade surveys; the annual capital expenditures survey; value of construction put in place; the service annual survey; the annual survey of manufactures; manufacturers' shipments, inventories, and orders; and survey of government finances.

Other future enhancements to the estimates for the four territories (subject to data availability and funding) include developing supplementary measures included in the full set of the U.S. NIPAs, such as personal income and personal saving rates.

### Appendix: Summary of Methodologies

The methodologies used to estimate GDP and GDP by industry for American Samoa, the Commonwealth of the Northern Mariana Islands (CNMI), Guam, and the U.S. Virgin Islands are consistent with the methods used to estimate GDP and GDP by industry for the United States (excluding the territories).<sup>7</sup> Information from the Economic Census of Island Areas was used to establish levels of GDP for each territory for 2002 and 2007; for other years, annual series were developed and used to estimate the components of GDP and of GDP by industry.

#### Gross domestic product

**Consumer spending.** Personal consumption expenditures (PCE) consists primarily of purchases of goods and services by households.<sup>8</sup> For American Samoa, the CNMI, and Guam, economic census data on the consumer shares of sales for each industry sector were used to benchmark the estimates of household purchases of most goods. For the CNMI and Guam, annual growth rates for most goods and services were derived using gross business revenue data, data on imports of goods, and trade source data; for American Samoa, annual growth rates for most goods were derived using data on imports of goods. Annual estimates of goods for the U.S. Virgin Islands were mostly based on imports data from the Census Bureau's *U.S. Trade With Puerto Rico and U.S. Possessions* (FT895) and *U.S. International Trade in Goods and Services* (FT900).<sup>9</sup>

Estimates that were not benchmarked to economic census data included housing services, utilities services, and financial services, which were estimated independently. Housing services were estimated using information on the number of occupied housing units and average rental rates reported in the Census of Population and Housing. Utilities services were estimated using revenue data reported by government-owned utilities and by the U.S. Energy Information Administration. Other services not covered by the economic census—such as financial services furnished without payment, insurance, and sales by government—were

estimated using data from private trade sources and government finance reports.

**Private investment.** Private investment consists of spending on new fixed assets—equipment, software, and structures by private businesses—and improvements to existing assets. It also includes the construction of new residential structures and the improvements to these structures.<sup>10</sup> Because of data limitations, estimates of private investment in equipment and software and in structures were indirectly measured. Investment in equipment and software was estimated based on the value of imports of capital goods or on economic census data for the business share of sales of the wholesale durable-goods sector. Investment in structures was estimated using building permit data, payroll data, and construction industry receipts less sales to other construction firms and less sales to government as reported in the economic census.<sup>11</sup>

**Net exports of goods and services.** The estimates of exports of goods to the United States from the four territories reflected data from the Census Bureau's *U.S. Trade With Puerto Rico and U.S. Possessions* (FT895). Estimates of exports of goods from American Samoa, the CNMI, and Guam to the rest of the world were based on information compiled by the territorial governments. Estimates of exports of goods from the U.S. Virgin Islands to the rest of the world were based on data from the Census Bureau's *U.S. International Trade in Goods and Services* (FT900). Estimates of imports of goods for American Samoa, the CNMI, and Guam were based on values or quantities of imported commodities reported by the territorial governments. For the U.S. Virgin Islands, estimates of imports of goods reflected data from the FT895 and FT900.

Information on imports of services and on exports of services other than tourism was limited. Estimates of exports of tourism services for the CNMI and Guam were based on survey data on tourist expenditures and visitor arrivals provided by the territorial government visitors' authorities. For the U.S. Virgin Islands, the estimate of exports of tourism services was based on expenditures of cruise ship passengers available from the Florida-Caribbean Cruise Association, total visitor expenditures provided by the Virgin Islands Bureau of Economic Research, U.S. Virgin Islands visitor exit survey data, and gross business revenue data for select industries.<sup>12</sup>

7. The estimates for these territories have not yet been updated to reflect the results of BEA's 2013 comprehensive revision of the national accounts.

8. A small portion of PCE consists of expenses of nonprofit institutions serving households.

9. For American Samoa and the U.S. Virgin Islands, it was assumed that most consumer purchases of goods were imported.

10. For American Samoa and the U.S. Virgin Islands, private investment also includes inventory investment.

11. This method assumed that the receipts by construction industry reported in the economic census were collected for work done in the same year.

12. Exports of tourism services were a small component of American Samoa's economy and are not discussed.

**Government consumption expenditures and gross investment.** The estimates of government expenditures were prepared separately for the territorial governments and for the federal government sector. The primary sources of information for the territorial government estimates were financial statements of the primary government and of the government component units. The primary data sources for the federal government estimates were the Census Bureau's *Consolidated Federal Funds Report* and the Federal Procurement Data System. Information on military pay was provided by the Department of Defense.

**Estimates of real GDP.** Inflation-adjusted estimates of total GDP and its components were derived within a chain-type Fisher index framework.<sup>13</sup> For most of the detailed components of GDP, inflation-adjusted estimates were calculated by deflating each component using an appropriate price index. Consumer price indexes produced by each territorial government were used to deflate most of the detailed components of personal consumption expenditures (PCE). Inflation-adjusted estimates for most components other than PCE were calculated using U.S. prices from the U.S. Bureau of Labor Statistics.

## GDP by Industry

**Current-dollar estimates.** The 2007 estimates of GDP by industry were prepared for broad industry groups using a methodology that was developed to incorporate data from the Economic Census of Island Areas. Current-dollar value added for most private industries

was extrapolated using indicators such as gross business revenues and compensation. For select private industries, data were available to separately extrapolate gross output and intermediate inputs. These industries included the manufacturing sector in American Samoa and the CNMI and the goods-producing sector in the U.S. Virgin Islands. Current-dollar value added for the government sector was prepared separately for the territorial government and the federal government sectors; the primary sources of information were the data sources identified above in "Government consumption expenditures and gross investment."

**Real estimates.** Inflation-adjusted estimates of GDP by industry were derived within a chain-type Fisher index framework. For most industry sectors, the statistics on chained-dollar value added were prepared using the single-deflation method. Under this method, current-dollar value added of an industry is divided by a gross output price index.<sup>14</sup> For industries for which data were available to separately estimate gross output and intermediate inputs, a double-deflation method was used. Under the double-deflation method, current-dollar gross output and current-dollar intermediate inputs are deflated separately, and real value added is computed as the difference between real gross output and real intermediate inputs. Price indexes and other value and quantity data produced by each territorial government, in addition to select U.S. prices, were used in the deflation of value added, gross output, and intermediate inputs.

13. For additional information, see J. Steven Landefeld, Brent R. Moulton, and Cindy M. Vojtech, "Chain-Dollar Indexes: Issues, Tips on Their Use, and Upcoming Changes," *SURVEY OF CURRENT BUSINESS* 83 (November 2003): 8–17.

14. Single deflation approximates the results obtained by double deflation when an industry's intermediate inputs prices increase at about the same rate as its output prices.

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*Tables A.1.1. through D.2.5. follow.*

**Table A.1.1. Gross Domestic Product, American Samoa**

[Millions of dollars]

	2007	2008	2009	2010	2011	2012	2013
<b>Gross domestic product</b> .....	<b>575</b>	<b>618</b>	<b>725</b>	<b>641</b>	<b>647</b>	<b>718</b>	<b>711</b>
<b>Personal consumption expenditures</b> .....	<b>383</b>	<b>411</b>	<b>407</b>	<b>421</b>	<b>432</b>	<b>446</b>	<b>461</b>
Goods.....	194	210	202	211	207	212	224
Durable goods.....	23	28	23	24	23	23	25
Nondurable goods.....	171	183	179	186	184	189	200
Services.....	189	203	209	215	228	240	244
Net foreign travel.....	-1	-3	-4	-5	-4	-6	-8
<b>Private fixed investment</b> .....	<b>21</b>	<b>20</b>	<b>17</b>	<b>22</b>	<b>22</b>	<b>19</b>	<b>23</b>
<b>Change in private inventories</b> .....	<b>-8</b>	<b>-17</b>	<b>-6</b>	<b>-5</b>	<b>-3</b>	<b>0</b>	<b>2</b>
<b>Net exports of goods and services</b> .....	<b>-66</b>	<b>-65</b>	<b>4</b>	<b>-134</b>	<b>-169</b>	<b>-102</b>	<b>-106</b>
Exports.....	512	646	536	368	339	489	459
Goods.....	488	621	509	340	311	458	426
Services.....	24	25	26	28	28	32	32
Imports.....	578	711	532	503	508	591	564
Goods.....	515	641	472	442	444	522	495
Services.....	62	70	60	60	65	69	69
<b>Government consumption expenditures and gross investment</b> .....	<b>245</b>	<b>268</b>	<b>304</b>	<b>337</b>	<b>366</b>	<b>355</b>	<b>331</b>
Federal.....	17	21	29	22	23	22	23
Territorial.....	228	247	275	314	342	333	308

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

**Table A.1.2. Real Gross Domestic Product, Chained Dollars, American Samoa**

[Millions of chained (2005) dollars]

	2007	2008	2009	2010	2011	2012	2013
<b>Gross domestic product</b> .....	<b>533</b>	<b>524</b>	<b>507</b>	<b>513</b>	<b>516</b>	<b>502</b>	<b>490</b>
<b>Personal consumption expenditures</b> .....	<b>353</b>	<b>349</b>	<b>343</b>	<b>338</b>	<b>328</b>	<b>328</b>	<b>334</b>
Goods.....	183	183	172	171	159	158	166
Durable goods.....	22	23	19	20	17	17	18
Nondurable goods.....	161	159	153	151	142	142	149
Services.....	172	169	174	171	171	173	172
Net foreign travel.....	-1	-2	-3	-3	-2	-4	-4
<b>Private fixed investment</b> .....	<b>20</b>	<b>20</b>	<b>17</b>	<b>23</b>	<b>23</b>	<b>20</b>	<b>22</b>
<b>Change in private inventories</b> .....	<b>-7</b>	<b>-11</b>	<b>-7</b>	<b>-4</b>	<b>-2</b>	<b>0</b>	<b>2</b>
<b>Net exports of goods and services</b> .....	<b>-62</b>	<b>-75</b>	<b>-104</b>	<b>-108</b>	<b>-113</b>	<b>-115</b>	<b>-117</b>
Exports.....	479	475	374	315	278	291	286
Goods.....	456	452	352	292	256	267	262
Services.....	23	22	24	24	22	25	25
Imports.....	541	550	478	423	391	406	403
Goods.....	479	486	420	368	336	348	344
Services.....	63	64	59	56	57	60	60
<b>Government consumption expenditures and gross investment</b> .....	<b>228</b>	<b>243</b>	<b>274</b>	<b>290</b>	<b>307</b>	<b>294</b>	<b>272</b>
Federal.....	16	18	25	19	19	18	18
Territorial.....	212	224	249	272	288	276	254
<b>Addenda:</b>							
Population (thousands) <sup>1</sup> .....	64.8	65.1	62.4	55.5	55.3	55.0	54.8
Per capita real GDP (chained dollars).....	8,225	8,049	8,125	9,243	9,331	9,127	8,942

1. BEA estimates are based on data from the American Samoa Statistical Yearbook and the U.S. Census Bureau.

**Table A.1.3. Percent Change From Preceding Year in Real Gross Domestic Product, American Samoa**

	2008	2009	2010	2011	2012	2013
<b>Gross domestic product</b> .....	<b>-1.6</b>	<b>-3.3</b>	<b>1.3</b>	<b>0.6</b>	<b>-2.6</b>	<b>-2.4</b>
<b>Personal consumption expenditures</b> .....	<b>-1.1</b>	<b>-1.7</b>	<b>-1.5</b>	<b>-3.0</b>	<b>-0.1</b>	<b>1.8</b>
Goods.....	0.0	-5.8	-0.9	-6.9	-0.3	4.8
Durable goods.....	7.8	-17.4	2.3	-13.7	-3.2	5.7
Nondurable goods.....	-1.0	-4.1	-1.3	-5.9	0.0	4.7
Services.....	-1.6	2.7	-1.6	0.0	1.1	-0.5
Net foreign travel.....						
<b>Private fixed investment</b> .....	<b>-0.4</b>	<b>-15.6</b>	<b>34.3</b>	<b>-0.4</b>	<b>-14.3</b>	<b>13.0</b>
<b>Change in private inventories</b> .....						
<b>Net exports of goods and services</b> .....						
Exports.....	-0.9	-21.2	-16.0	-11.7	4.8	-1.9
Goods.....	-0.7	-22.2	-17.0	-12.3	4.3	-2.1
Services.....	-4.4	4.8	1.0	-5.3	11.0	0.7
Imports.....	1.7	-13.1	-11.7	-7.4	3.9	-0.9
Goods.....	1.6	-13.7	-12.4	-8.6	3.6	-1.1
Services.....	3.1	-8.0	-5.7	1.4	5.7	0.4
<b>Government consumption expenditures and gross investment</b> .....	<b>6.5</b>	<b>12.8</b>	<b>6.0</b>	<b>5.8</b>	<b>-4.2</b>	<b>-7.5</b>
Federal.....	17.3	36.4	-24.9	-0.2	-4.7	0.0
Territorial.....	5.6	10.8	9.3	6.2	-4.2	-8.0

**Table A.1.4. Contributions to Percent Change in Real Gross Domestic Product, American Samoa**

	2008	2009	2010	2011	2012	2013
<b>Percent change:</b>						
<b>Gross domestic product</b> .....	<b>-1.6</b>	<b>-3.3</b>	<b>1.3</b>	<b>0.6</b>	<b>-2.6</b>	<b>-2.4</b>
<b>Percentage points:</b>						
<b>Personal consumption expenditures</b> .....	<b>-0.73</b>	<b>-1.03</b>	<b>-0.93</b>	<b>-2.02</b>	<b>-0.06</b>	<b>1.11</b>
Goods.....	0.02	-1.79	-0.26	-2.31	-0.10	1.42
Durable goods.....	0.32	-0.71	0.08	-0.54	-0.11	0.18
Nondurable goods.....	-0.30	-1.08	-0.35	-1.77	0.01	1.24
Services.....	-0.52	0.82	-0.52	0.01	0.37	-0.18
Net foreign travel.....	-0.23	-0.06	-0.14	0.28	-0.33	-0.14
<b>Private fixed investment</b> .....	<b>-0.02</b>	<b>-0.46</b>	<b>0.86</b>	<b>-0.01</b>	<b>-0.46</b>	<b>0.35</b>
<b>Change in private inventories</b> .....	<b>-0.90</b>	<b>0.83</b>	<b>0.40</b>	<b>0.32</b>	<b>0.43</b>	<b>0.33</b>
<b>Net exports of goods and services</b> .....	<b>-2.62</b>	<b>-7.71</b>	<b>-1.87</b>	<b>-0.78</b>	<b>-0.27</b>	<b>-0.51</b>
Exports.....	-0.82	-20.47	-11.52	-6.89	2.76	-1.23
Goods.....	-0.63	-20.65	-11.56	-6.65	2.31	-1.27
Services.....	-0.19	0.18	0.04	-0.24	0.45	0.03
Imports.....	-1.80	12.76	9.65	6.11	-3.04	0.72
Goods.....	-1.46	11.97	9.12	6.25	-2.50	0.76
Services.....	-0.34	0.79	0.53	-0.14	-0.53	-0.04
<b>Government consumption expenditures and gross investment</b> .....	<b>2.68</b>	<b>5.02</b>	<b>2.81</b>	<b>3.08</b>	<b>-2.26</b>	<b>-3.70</b>
Federal.....	0.51	1.12	-1.09	-0.01	-0.16	0.00
Territorial.....	2.17	3.90	3.90	3.09	-2.10	-3.70

**Table A.1.5. Price Indexes for Gross Domestic Product, American Samoa: Percent Change From Preceding Year**

	2008	2009	2010	2011	2012	2013
<b>Gross domestic product</b> .....	<b>9.1</b>	<b>21.3</b>	<b>-12.7</b>	<b>0.3</b>	<b>14.0</b>	<b>1.4</b>
<b>Personal consumption expenditures</b> .....	<b>8.5</b>	<b>0.9</b>	<b>5.0</b>	<b>5.7</b>	<b>3.3</b>	<b>1.6</b>



**Table A.2.1. Value Added by Industry, American Samoa**

[Millions of dollars]

	2007	2008	2009	2010	2011	2012
<b>Gross domestic product</b> .....	<b>575</b>	<b>618</b>	<b>725</b>	<b>641</b>	<b>647</b>	<b>718</b>
<b>Private industries</b> .....	<b>417</b>	<b>455</b>	<b>556</b>	<b>451</b>	<b>459</b>	<b>521</b>
Manufacturing.....	77	112	163	41	21	89
Nonmanufacturing.....	340	342	393	410	438	432
<b>Government</b> .....	<b>158</b>	<b>163</b>	<b>168</b>	<b>189</b>	<b>187</b>	<b>197</b>
Federal.....	14	17	19	18	17	17
Territorial.....	144	146	149	171	170	180

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

**Table A.2.2. Real Value Added by Industry, American Samoa**

[Millions of chained (2005) dollars]

	2007	2008	2009	2010	2011	2012
<b>Gross domestic product</b> .....	<b>533</b>	<b>524</b>	<b>507</b>	<b>513</b>	<b>516</b>	<b>502</b>
<b>Private industries</b> .....	<b>384</b>	<b>373</b>	<b>356</b>	<b>356</b>	<b>362</b>	<b>345</b>
Manufacturing.....	68	68	54	47	44	47
Nonmanufacturing.....	316	304	311	322	330	310
<b>Government</b> .....	<b>149</b>	<b>152</b>	<b>152</b>	<b>160</b>	<b>156</b>	<b>161</b>
Federal.....	13	15	17	15	14	14
Territorial.....	136	137	135	145	142	147

**Table A.2.3. Percent Changes in Real Value Added by Industry, American Samoa**

	2008	2009	2010	2011	2012
<b>Gross domestic product</b> .....	<b>-1.6</b>	<b>-3.3</b>	<b>1.3</b>	<b>0.6</b>	<b>-2.6</b>
<b>Private industries</b> .....	<b>-2.8</b>	<b>-4.5</b>	<b>-0.1</b>	<b>1.9</b>	<b>-4.9</b>
Manufacturing.....	0.1	-20.3	-12.6	-6.7	5.8
Nonmanufacturing.....	-3.6	2.3	3.3	2.6	-6.1
<b>Government</b> .....	<b>1.8</b>	<b>0.0</b>	<b>5.3</b>	<b>-2.5</b>	<b>3.4</b>
Federal.....	16.1	11.0	-9.0	-6.4	-2.2
Territorial.....	0.4	-1.3	7.1	-2.0	4.0

**Table A.2.4. Contributions to Percent Change in Real Gross Domestic Product by Industry, American Samoa**

	2008	2009	2010	2011	2012
<b>Percent change:</b>					
<b>Gross domestic product</b> .....	<b>-1.6</b>	<b>-3.3</b>	<b>1.3</b>	<b>0.6</b>	<b>-2.6</b>
<b>Percentage points:</b>					
<b>Private industries</b> .....	<b>-2.07</b>	<b>-3.42</b>	<b>-0.13</b>	<b>1.31</b>	<b>-3.55</b>
Manufacturing.....	0.02	-4.62	-2.10	-0.37	0.41
Nonmanufacturing.....	-2.09	1.20	1.97	1.68	-3.97
<b>Government</b> .....	<b>0.49</b>	<b>0.00</b>	<b>1.37</b>	<b>-0.73</b>	<b>0.93</b>
Federal.....	0.39	0.28	-0.27	-0.18	-0.06
Territorial.....	0.09	-0.28	1.64	-0.55	0.99

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 A.2.5. Compensation of Employees by Industry, American Samoa**

[Millions of dollars]

	2007	2008	2009	2010	2011	2012
<b>Total compensation</b> .....	<b>263</b>	<b>278</b>	<b>282</b>	<b>288</b>	<b>285</b>	<b>295</b>
<b>Private industries</b> .....	<b>120</b>	<b>132</b>	<b>132</b>	<b>113</b>	<b>118</b>	<b>123</b>
Manufacturing.....	52	61	57	34	31	47
Nonmanufacturing.....	68	71	75	78	87	76
<b>Government</b> .....	<b>143</b>	<b>146</b>	<b>150</b>	<b>175</b>	<b>167</b>	<b>171</b>
Federal.....	15	18	20	19	18	18
Territorial.....	128	129	130	156	148	153

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



**Table B.1.1. Gross Domestic Product, Commonwealth of the Northern Mariana Islands**

[Millions of dollars]

	2007	2008	2009	2010	2011	2012	2013
<b>Gross domestic product</b> .....	<b>867</b>	<b>846</b>	<b>717</b>	<b>716</b>	<b>649</b>	<b>665</b>	<b>682</b>
<b>Personal consumption expenditures</b> .....	<b>560</b>	<b>585</b>	<b>508</b>	<b>518</b>	<b>527</b>	<b>565</b>	<b>623</b>
Goods .....	357	387	342	368	374	422	472
Durable goods .....	135	138	118	132	118	144	180
Nondurable goods .....	222	249	224	236	257	278	292
Services .....	389	397	355	366	358	389	416
Net foreign travel .....	-186	-199	-188	-215	-206	-246	-265
<b>Private fixed investment</b> .....	<b>24</b>	<b>27</b>	<b>27</b>	<b>26</b>	<b>24</b>	<b>24</b>	<b>26</b>
<b>Net exports of goods and services</b> .....	<b>-69</b>	<b>-109</b>	<b>-165</b>	<b>-202</b>	<b>-268</b>	<b>-263</b>	<b>-318</b>
Exports .....	526	376	218	241	229	268	288
Goods .....	333	172	23	19	17	15	16
Services .....	192	205	195	222	212	252	272
Imports .....	595	486	382	443	497	531	606
Goods .....	512	417	327	379	426	455	521
Services .....	83	69	55	64	71	75	85
<b>Government consumption expenditures and gross investment</b> .....	<b>352</b>	<b>343</b>	<b>346</b>	<b>373</b>	<b>367</b>	<b>339</b>	<b>351</b>
Federal .....	13	16	21	21	21	22	20
Territorial .....	339	327	325	352	345	317	331

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

**Table B.1.2. Real Gross Domestic Product, Chained Dollars, Commonwealth of the Northern Mariana Islands**

[Millions of chained (2005) dollars]

	2007	2008	2009	2010	2011	2012	2013
<b>Gross domestic product</b> .....	<b>849</b>	<b>740</b>	<b>598</b>	<b>603</b>	<b>562</b>	<b>574</b>	<b>600</b>
<b>Personal consumption expenditures</b> .....	<b>506</b>	<b>496</b>	<b>427</b>	<b>433</b>	<b>423</b>	<b>449</b>	<b>504</b>
Goods .....	338	343	294	312	301	334	382
Durable goods .....	132	130	107	116	100	123	161
Nondurable goods .....	206	213	187	196	199	211	223
Services .....	349	339	298	297	279	299	324
Net foreign travel .....	-180	-184	-164	-175	-156	-183	-200
<b>Private fixed investment</b> .....	<b>23</b>	<b>26</b>	<b>26</b>	<b>25</b>	<b>22</b>	<b>23</b>	<b>24</b>
<b>Net exports of goods and services</b> .....	<b>-26</b>	<b>-98</b>	<b>-163</b>	<b>-180</b>	<b>-194</b>	<b>-186</b>	<b>-220</b>
Exports .....	516	294	176	182	161	186	202
Goods .....	330	116	19	16	12	11	12
Services .....	186	190	170	180	161	188	205
Imports .....	543	392	339	363	355	371	422
Goods .....	471	337	295	315	304	318	361
Services .....	72	56	44	48	51	53	61
<b>Government consumption expenditures and gross investment</b> .....	<b>335</b>	<b>314</b>	<b>312</b>	<b>330</b>	<b>318</b>	<b>291</b>	<b>298</b>
Federal .....	12	14	19	18	18	18	17
Territorial .....	324	300	293	312	300	273	282
<b>Addenda:</b>							
Population (thousands) <sup>1</sup> .....	59.3	57.6	55.5	53.5	52.2	51.4	51.2
Per capita real GDP (chained dollars) .....	14,317	12,847	10,775	11,271	10,766	11,167	11,719

1. Source: U.S. Census Bureau

**Table B.1.3. Percent Change From Preceding Year in Real Gross Domestic Product,  
Commonwealth of the Northern Mariana Islands**

	2008	2009	2010	2011	2012	2013
<b>Gross domestic product</b> .....	<b>-12.8</b>	<b>-19.2</b>	<b>0.8</b>	<b>-6.7</b>	<b>2.1</b>	<b>4.4</b>
<b>Personal consumption expenditures</b> .....	<b>-1.9</b>	<b>-13.9</b>	<b>1.4</b>	<b>-2.3</b>	<b>6.1</b>	<b>12.3</b>
Goods.....	1.5	-14.3	6.0	-3.6	11.2	14.1
Durable goods.....	-2.1	-17.7	8.5	-13.6	22.5	31.2
Nondurable goods.....	3.6	-12.4	4.7	2.0	6.1	5.5
Services.....	-3.0	-12.0	-0.4	-6.2	7.5	8.2
Net foreign travel.....						
<b>Private fixed investment</b> .....	<b>9.3</b>	<b>2.3</b>	<b>-4.0</b>	<b>-11.0</b>	<b>2.3</b>	<b>5.7</b>
<b>Net exports of goods and services</b> .....						
Exports.....	-43.1	-40.1	3.6	-11.6	15.3	8.6
Goods.....	-64.8	-83.4	-17.1	-21.7	-8.6	5.9
Services.....	2.4	-10.6	5.9	-10.8	17.2	8.8
Imports.....	-27.7	-13.6	6.9	-2.1	4.6	13.6
Goods.....	-28.6	-12.3	6.6	-3.5	4.7	13.5
Services.....	-22.2	-20.9	8.2	6.6	4.2	14.2
<b>Government consumption expenditures and gross investment</b> .....	<b>-6.4</b>	<b>-0.5</b>	<b>5.5</b>	<b>-3.5</b>	<b>-8.4</b>	<b>2.5</b>
Federal.....	19.6	31.3	-4.6	-0.4	3.4	-9.6
Territorial.....	-7.4	-2.0	6.2	-3.7	-9.1	3.4

**Table B.1.4. Contributions to Percent Change in Real Gross Domestic Product, Commonwealth of the Northern Mariana Islands**

	2008	2009	2010	2011	2012	2013
<b>Percent change:</b>						
<b>Gross domestic product</b> .....	<b>-12.8</b>	<b>-19.2</b>	<b>0.8</b>	<b>-6.7</b>	<b>2.1</b>	<b>4.4</b>
<b>Percentage points:</b>						
<b>Personal consumption expenditures</b> .....	<b>-1.20</b>	<b>-9.63</b>	<b>0.98</b>	<b>-1.71</b>	<b>4.97</b>	<b>10.40</b>
Goods.....	0.59	-6.59	2.90	-1.91	6.49	8.95
Durable goods.....	-0.30	-2.92	1.43	-2.59	4.07	6.65
Nondurable goods.....	0.90	-3.67	1.47	0.68	2.42	2.30
Services.....	-1.27	-5.66	-0.22	-3.25	4.14	4.78
Net foreign travel.....	-0.52	2.62	-1.70	3.46	-5.66	-3.34
<b>Private fixed investment</b> .....	<b>0.24</b>	<b>0.07</b>	<b>-0.15</b>	<b>-0.41</b>	<b>0.08</b>	<b>0.21</b>
<b>Net exports of goods and services</b> .....	<b>-9.41</b>	<b>-9.49</b>	<b>-2.70</b>	<b>-2.70</b>	<b>1.86</b>	<b>-7.49</b>
Exports.....	-27.98	-16.90	1.13	-4.12	5.43	3.47
Goods.....	-28.47	-14.26	-0.55	-0.62	-0.22	0.14
Services.....	0.49	-2.65	1.68	-3.50	5.65	3.34
Imports.....	18.57	7.41	-3.83	1.42	-3.57	-10.96
Goods.....	16.54	5.70	-3.17	2.02	-3.11	-9.35
Services.....	2.03	1.71	-0.66	-0.60	-0.46	-1.61
<b>Government consumption expenditures and gross investment</b> .....	<b>-2.46</b>	<b>-0.20</b>	<b>2.71</b>	<b>-1.89</b>	<b>-4.77</b>	<b>1.30</b>
Federal.....	0.28	0.59	-0.14	-0.01	0.11	-0.33
Territorial.....	-2.73	-0.79	2.85	-1.87	-4.88	1.63

**Table B.1.5. Price Indexes for Gross Domestic Product, Commonwealth of the Northern Mariana Islands:  
Percent Change From Preceding Year**

	2008	2009	2010	2011	2012	2013
<b>Gross domestic product</b> .....	<b>12.0</b>	<b>4.9</b>	<b>-1.0</b>	<b>-2.9</b>	<b>0.4</b>	<b>-1.8</b>
<b>Personal consumption expenditures</b> .....	<b>6.7</b>	<b>0.9</b>	<b>0.6</b>	<b>4.0</b>	<b>1.0</b>	<b>-1.8</b>

**Table B.2.1. Value Added by Industry, Commonwealth of the Northern Mariana Islands**

[Millions of dollars]

	2007	2008	2009	2010	2011	2012
<b>Gross domestic product</b> .....	<b>867</b>	<b>846</b>	<b>717</b>	<b>716</b>	<b>649</b>	<b>665</b>
<b>Private industries</b> .....	<b>626</b>	<b>618</b>	<b>489</b>	<b>484</b>	<b>437</b>	<b>463</b>
Manufacturing.....	176	66	25	24	24	19
Distributive services.....	120	104	88	92	87	106
Accommodations and amusement.....	73	117	109	108	90	99
All other.....	257	332	267	261	236	239
<b>Government</b> .....	<b>241</b>	<b>229</b>	<b>228</b>	<b>232</b>	<b>212</b>	<b>202</b>
Federal.....	13	15	16	14	14	14
Territorial.....	228	214	212	219	198	188

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

**Table B.2.2. Real Value Added by Industry, Commonwealth of the Northern Mariana Islands**

[Millions of chained (2005) dollars]

	2007	2008	2009	2010	2011	2012
<b>Gross domestic product</b> .....	<b>849</b>	<b>740</b>	<b>598</b>	<b>603</b>	<b>562</b>	<b>574</b>
<b>Private industries</b> .....	<b>616</b>	<b>525</b>	<b>395</b>	<b>402</b>	<b>381</b>	<b>403</b>
Manufacturing.....	182	35	27	26	26	21
Distributive services.....	116	101	78	87	79	96
Accommodations and amusement.....	68	107	92	97	82	92
All other.....	245	314	223	218	218	219
<b>Government</b> .....	<b>233</b>	<b>213</b>	<b>207</b>	<b>205</b>	<b>184</b>	<b>175</b>
Federal.....	11	13	14	11	12	11
Territorial.....	222	200	193	193	173	163

**Table B.2.3. Percent Changes in Real Value Added by Industry, Commonwealth of the Northern Mariana Islands**

	2008	2009	2010	2011	2012
<b>Gross domestic product</b> .....	<b>-12.8</b>	<b>-19.2</b>	<b>0.8</b>	<b>-6.7</b>	<b>2.1</b>
<b>Private industries</b> .....	<b>-14.7</b>	<b>-24.8</b>	<b>1.7</b>	<b>-5.0</b>	<b>5.7</b>
Manufacturing.....	-81.1	-22.4	-1.5	-1.3	-20.5
Distributive services.....	-13.0	-22.9	11.9	-8.6	21.2
Accommodations and amusement.....	56.8	-13.9	4.8	-14.9	11.5
All other.....	28.2	-29.0	-2.4	0.2	0.5
<b>Government</b> .....	<b>-8.6</b>	<b>-2.9</b>	<b>-1.0</b>	<b>-10.1</b>	<b>-5.3</b>
Federal.....	12.1	10.0	-18.8	0.5	-2.8
Territorial.....	-9.7	-3.7	0.3	-10.8	-5.4

**Table B.2.4. Contributions to Percent Change in Real Gross Domestic Product by Industry, Commonwealth of the Northern Mariana Islands**

	2008	2009	2010	2011	2012
<b>Percent change:</b>					
<b>Gross domestic product</b> .....	<b>-12.8</b>	<b>-19.2</b>	<b>0.8</b>	<b>-6.7</b>	<b>2.1</b>
<b>Percentage points:</b>					
<b>Private industries</b> .....	<b>-11.01</b>	<b>-18.15</b>	<b>1.18</b>	<b>-3.37</b>	<b>3.86</b>
Manufacturing.....	-21.48	-1.40	-0.05	-0.04	-0.75
Distributive services.....	-1.64	-2.88	1.42	-1.14	2.83
Accommodations and amusement.....	4.42	-1.95	0.71	-2.25	1.58
All other.....	7.69	-11.91	-0.90	0.06	0.20
<b>Government</b> .....	<b>-2.21</b>	<b>-0.77</b>	<b>-0.34</b>	<b>-3.35</b>	<b>-1.72</b>
Federal.....	0.16	0.17	-0.44	0.01	-0.06
Territorial.....	-2.37	-0.94	0.10	-3.36	-1.66

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 B.2.5. Compensation of Employees by Industry, Commonwealth of the Northern Mariana Islands**

[Millions of dollars]

	2007	2008	2009	2010	2011	2012
<b>Total compensation</b> .....	<b>569</b>	<b>518</b>	<b>514</b>	<b>525</b>	<b>509</b>	<b>549</b>
<b>Private industries</b> .....	<b>353</b>	<b>303</b>	<b>300</b>	<b>310</b>	<b>314</b>	<b>369</b>
Manufacturing.....	91	30	10	9	9	13
Distributive services.....	66	59	60	63	69	81
Accommodations and amusement.....	60	77	89	90	86	102
All other.....	136	137	141	147	150	173
<b>Government</b> .....	<b>216</b>	<b>215</b>	<b>214</b>	<b>215</b>	<b>195</b>	<b>181</b>
Federal.....	13	15	17	15	15	14
Territorial.....	203	200	197	201	180	166

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

**Table C.1.1. Gross Domestic Product, Guam**

[Millions of dollars]

	2007	2008	2009	2010	2011	2012	2013
<b>Gross domestic product</b> .....	<b>4,207</b>	<b>4,340</b>	<b>4,541</b>	<b>4,597</b>	<b>4,562</b>	<b>4,756</b>	<b>4,882</b>
<b>Personal consumption expenditures</b> .....	<b>2,754</b>	<b>2,908</b>	<b>2,920</b>	<b>2,865</b>	<b>2,943</b>	<b>3,107</b>	<b>3,108</b>
Goods.....	1,412	1,484	1,312	1,229	1,288	1,395	1,346
Durable goods.....	518	545	476	437	449	488	465
Nondurable goods.....	894	939	837	792	840	907	880
Services.....	2,043	2,079	2,176	2,213	2,260	2,395	2,408
Net foreign travel.....	-700	-655	-568	-577	-605	-682	-645
<b>Private fixed investment</b> .....	<b>217</b>	<b>252</b>	<b>236</b>	<b>233</b>	<b>201</b>	<b>204</b>	<b>281</b>
<b>Net exports of goods and services</b> .....	<b>-1,255</b>	<b>-1,430</b>	<b>-1,422</b>	<b>-1,467</b>	<b>-1,671</b>	<b>-1,643</b>	<b>-1,673</b>
Exports.....	820	793	671	655	744	795	828
Goods.....	115	133	98	73	133	107	177
Services.....	705	660	574	582	611	688	651
Imports.....	2,075	2,223	2,094	2,122	2,414	2,438	2,501
Goods.....	1,949	2,091	1,967	1,988	2,251	2,288	2,347
Services.....	126	132	127	135	164	150	154
<b>Government consumption expenditures and gross investment</b> .....	<b>2,490</b>	<b>2,610</b>	<b>2,806</b>	<b>2,967</b>	<b>3,088</b>	<b>3,087</b>	<b>3,166</b>
Federal.....	1,579	1,698	1,857	1,930	1,969	1,959	1,973
Territorial.....	911	913	950	1,037	1,119	1,128	1,193

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

**Table C.1.2. Real Gross Domestic Product, Chained Dollars, Guam**

[Millions of chained (2005) dollars]

	2007	2008	2009	2010	2011	2012	2013
<b>Gross domestic product</b> .....	<b>3,939</b>	<b>4,000</b>	<b>4,007</b>	<b>4,059</b>	<b>4,047</b>	<b>4,118</b>	<b>4,144</b>
<b>Personal consumption expenditures</b> .....	<b>2,575</b>	<b>2,575</b>	<b>2,559</b>	<b>2,485</b>	<b>2,487</b>	<b>2,536</b>	<b>2,536</b>
Goods.....	1,328	1,291	1,137	1,075	1,089	1,138	1,113
Durable goods.....	512	501	439	410	418	448	442
Nondurable goods.....	818	791	699	666	672	693	675
Services.....	1,887	1,843	1,896	1,887	1,888	1,936	1,936
Net foreign travel.....	-641	-562	-478	-481	-493	-540	-515
<b>Private fixed investment</b> .....	<b>200</b>	<b>228</b>	<b>219</b>	<b>216</b>	<b>183</b>	<b>184</b>	<b>247</b>
<b>Net exports of goods and services</b> .....	<b>-1,107</b>	<b>-1,110</b>	<b>-1,229</b>	<b>-1,192</b>	<b>-1,210</b>	<b>-1,165</b>	<b>-1,198</b>
Exports.....	746	671	565	545	599	624	655
Goods.....	101	104	82	59	99	78	130
Services.....	645	566	482	485	497	545	520
Imports.....	1,853	1,781	1,794	1,737	1,809	1,788	1,853
Goods.....	1,740	1,670	1,689	1,629	1,680	1,670	1,732
Services.....	114	112	105	109	129	118	121
<b>Government consumption expenditures and gross investment</b> .....	<b>2,275</b>	<b>2,306</b>	<b>2,463</b>	<b>2,552</b>	<b>2,591</b>	<b>2,560</b>	<b>2,565</b>
Federal.....	1,441	1,500	1,637	1,660	1,654	1,626	1,602
Territorial.....	833	806	826	892	936	934	963
<b>Addenda:</b>							
Population (thousands) <sup>1</sup> .....	158.0	158.4	158.9	159.4	159.5	159.8	160.3
Per capita real GDP (chained dollars).....	24,930	25,253	25,217	25,464	25,373	25,770	25,852

1. Source: U.S. Census Bureau

Table C.1.3. Real Gross Domestic Product, Guam: Percent Change From Preceding Year

	2008	2009	2010	2011	2012	2013
<b>Gross domestic product</b> .....	<b>1.5</b>	<b>0.2</b>	<b>1.3</b>	<b>-0.3</b>	<b>1.7</b>	<b>0.6</b>
<b>Personal consumption expenditures</b> .....	<b>0.0</b>	<b>-0.6</b>	<b>-2.9</b>	<b>0.1</b>	<b>2.0</b>	<b>0.0</b>
Goods.....	-2.8	-11.9	-5.4	1.3	4.5	-2.2
Durable goods.....	-2.0	-12.5	-6.4	1.9	7.1	-1.4
Nondurable goods.....	-3.3	-11.6	-4.8	0.9	3.2	-2.6
Services.....	-2.3	2.9	-0.5	0.0	2.6	0.0
Net foreign travel.....						
<b>Private fixed investment</b> .....	<b>14.0</b>	<b>-4.2</b>	<b>-1.3</b>	<b>-15.1</b>	<b>0.2</b>	<b>34.3</b>
<b>Net exports of goods and services</b> .....						
Exports.....	-10.1	-15.8	-3.6	10.0	4.0	5.0
Goods.....	3.2	-20.7	-28.3	68.0	-21.2	66.7
Services.....	-12.3	-14.8	0.7	2.4	9.5	-4.6
Imports.....	-3.9	0.7	-3.2	4.1	-1.1	3.6
Goods.....	-4.0	1.2	-3.6	3.2	-0.6	3.7
Services.....	-1.7	-5.7	2.9	19.0	-8.8	2.4
<b>Government consumption expenditures and gross investment</b> .....	<b>1.4</b>	<b>6.8</b>	<b>3.6</b>	<b>1.5</b>	<b>-1.2</b>	<b>0.2</b>
Federal.....	4.1	9.1	1.4	-0.3	-1.7	-1.5
Territorial.....	-3.2	2.4	8.0	4.9	-0.2	3.1

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

	2008	2009	2010	2011	2012	2013
<b>Percent change:</b>						
<b>Gross domestic product</b> .....	<b>1.5</b>	<b>0.2</b>	<b>1.3</b>	<b>-0.3</b>	<b>1.7</b>	<b>0.6</b>
<b>Percentage points:</b>						
<b>Personal consumption expenditures</b> .....	<b>-0.01</b>	<b>-0.41</b>	<b>-1.88</b>	<b>0.05</b>	<b>1.28</b>	<b>0.02</b>
Goods.....	-0.97	-4.01	-1.55	0.35	1.29	-0.63
Durable goods.....	-0.25	-1.54	-0.67	0.18	0.69	-0.14
Nondurable goods.....	-0.72	-2.47	-0.88	0.16	0.59	-0.50
Services.....	-1.16	1.37	-0.24	0.02	1.27	0.00
Net foreign travel.....	2.11	2.23	-0.09	-0.31	-1.28	0.66
<b>Private fixed investment</b> .....	<b>0.72</b>	<b>-0.23</b>	<b>-0.07</b>	<b>-0.77</b>	<b>0.01</b>	<b>1.47</b>
<b>Net exports of goods and services</b> .....	<b>-0.01</b>	<b>-3.19</b>	<b>0.97</b>	<b>-0.55</b>	<b>1.26</b>	<b>-1.00</b>
Exports.....	-2.02	-2.83	-0.53	1.45	0.66	0.83
Goods.....	0.09	-0.60	-0.62	1.14	-0.62	1.48
Services.....	-2.11	-2.23	0.09	0.31	1.28	-0.65
Imports.....	2.01	-0.36	1.51	-2.00	0.60	-1.83
Goods.....	1.96	-0.53	1.59	-1.43	0.29	-1.75
Services.....	0.05	0.17	-0.08	-0.56	0.31	-0.08
<b>Government consumption expenditures and gross investment</b> .....	<b>0.83</b>	<b>4.01</b>	<b>2.27</b>	<b>0.99</b>	<b>-0.80</b>	<b>0.13</b>
Federal.....	1.54	3.51	0.58	-0.14	-0.75	-0.60
Territorial.....	-0.71	0.50	1.69	1.13	-0.05	0.73

Table C.1.5. Price Indexes for Gross Domestic Product, Guam: Percent Change From Preceding Year

	2008	2009	2010	2011	2012	2013
<b>Gross domestic product</b> .....	<b>1.6</b>	<b>4.4</b>	<b>-0.1</b>	<b>-0.5</b>	<b>2.5</b>	<b>2.0</b>
<b>Personal consumption expenditures</b> .....	<b>5.6</b>	<b>1.1</b>	<b>1.0</b>	<b>2.7</b>	<b>3.5</b>	<b>0.0</b>

**Table C.2.1. Value Added by Industry, Guam**

[Millions of dollars]

	2007	2008	2009	2010	2011	2012
<b>Gross domestic product</b> .....	<b>4,207</b>	<b>4,340</b>	<b>4,541</b>	<b>4,597</b>	<b>4,562</b>	<b>4,756</b>
<b>Private industries</b> .....	<b>2,371</b>	<b>2,421</b>	<b>2,485</b>	<b>2,421</b>	<b>2,316</b>	<b>2,510</b>
Construction.....	269	308	314	321	286	308
Distributive services.....	433	445	423	401	402	428
Accommodations and amusement.....	377	389	391	392	386	412
Other private.....	1,292	1,279	1,357	1,306	1,243	1,362
<b>Government</b> .....	<b>1,835</b>	<b>1,919</b>	<b>2,056</b>	<b>2,177</b>	<b>2,245</b>	<b>2,246</b>
Federal.....	1,122	1,195	1,304	1,374	1,418	1,413
Territorial.....	713	723	752	802	827	833

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

**Table C.2.2. Real Value Added by Industry, Guam**

[Millions of chained (2005) dollars]

	2007	2008	2009	2010	2011	2012
<b>Gross domestic product</b> .....	<b>3,939</b>	<b>4,000</b>	<b>4,007</b>	<b>4,059</b>	<b>4,047</b>	<b>4,118</b>
<b>Private industries</b> .....	<b>2,259</b>	<b>2,291</b>	<b>2,224</b>	<b>2,218</b>	<b>2,176</b>	<b>2,269</b>
Construction.....	234	269	261	272	239	252
Distributive services.....	424	435	387	363	356	370
Accommodations and amusement.....	356	360	343	349	350	365
Other private.....	1,238	1,217	1,222	1,223	1,223	1,274
<b>Government</b> .....	<b>1,676</b>	<b>1,702</b>	<b>1,783</b>	<b>1,839</b>	<b>1,866</b>	<b>1,849</b>
Federal.....	1,023	1,058	1,148	1,171	1,183	1,172
Territorial.....	653	643	636	668	683	677

**Table C.2.3. Percent Changes in Real Value Added by Industry, Guam**

	2008	2009	2010	2011	2012
<b>Gross domestic product</b> .....	<b>1.5</b>	<b>0.2</b>	<b>1.3</b>	<b>-0.3</b>	<b>1.7</b>
<b>Private industries</b> .....	<b>1.4</b>	<b>-2.9</b>	<b>-0.3</b>	<b>-1.9</b>	<b>4.3</b>
Construction.....	15.0	-3.0	4.3	-12.1	5.2
Distributive services.....	2.6	-10.9	-6.4	-1.8	3.9
Accommodations and amusement.....	1.0	-4.6	1.6	0.3	4.3
Other private.....	-1.7	0.4	0.1	0.0	4.2
<b>Government</b> .....	<b>1.5</b>	<b>4.8</b>	<b>3.1</b>	<b>1.4</b>	<b>-0.9</b>
Federal.....	3.5	8.5	2.0	1.0	-1.0
Territorial.....	-1.5	-1.2	5.0	2.2	-0.8

**Table C.2.4. Contributions to Percent Change in Real Gross Domestic Product by Industry, Guam**

	2008	2009	2010	2011	2012
<b>Percent change:</b>					
<b>Gross domestic product</b> .....	<b>1.5</b>	<b>0.2</b>	<b>1.3</b>	<b>-0.3</b>	<b>1.7</b>
<b>Percentage points:</b>					
<b>Private industries</b> .....	<b>0.79</b>	<b>-1.64</b>	<b>-0.14</b>	<b>-0.97</b>	<b>2.18</b>
Construction.....	0.95	-0.21	0.30	-0.85	0.33
Distributive services.....	0.26	-1.13	-0.60	-0.16	0.34
Accommodations and amusement.....	0.09	-0.41	0.14	0.02	0.37
Other private.....	-0.51	0.11	0.02	0.01	1.15
<b>Government</b> .....	<b>0.67</b>	<b>2.10</b>	<b>1.44</b>	<b>0.69</b>	<b>-0.43</b>
Federal.....	0.93	2.29	0.59	0.31	-0.30
Territorial.....	-0.26	-0.19	0.84	0.38	-0.14

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 C.2.5. Compensation of Employees by Industry, Guam**

[Millions of dollars]

	2007	2008	2009	2010	2011	2012
<b>Total compensation</b> .....	<b>2,597</b>	<b>2,766</b>	<b>2,891</b>	<b>3,064</b>	<b>3,119</b>	<b>3,167</b>
<b>Private industries</b> .....	<b>1,250</b>	<b>1,346</b>	<b>1,370</b>	<b>1,444</b>	<b>1,439</b>	<b>1,498</b>
Construction.....	140	169	172	187	174	170
Distributive services.....	240	250	239	248	249	260
Accommodations and amusement.....	211	221	227	238	242	256
Other private.....	659	706	731	771	775	812
<b>Government</b> .....	<b>1,347</b>	<b>1,420</b>	<b>1,521</b>	<b>1,620</b>	<b>1,680</b>	<b>1,669</b>
Federal.....	766	825	900	967	1,005	994
Territorial.....	582	594	621	653	676	675

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

Table D.1.1. Gross Domestic Product, U.S. Virgin Islands

[Millions of dollars]

	2007	2008	2009	2010	2011	2012	2013
<b>Gross domestic product</b> .....	<b>4,853</b>	<b>4,266</b>	<b>4,260</b>	<b>4,406</b>	<b>4,288</b>	<b>4,143</b>	<b>3,792</b>
<b>Personal consumption expenditures</b> .....	<b>2,247</b>	<b>2,244</b>	<b>2,328</b>	<b>2,398</b>	<b>2,436</b>	<b>2,458</b>	<b>2,411</b>
Goods .....	1,253	1,170	1,148	1,151	1,206	1,206	1,222
Durable goods .....	793	703	667	637	664	668	717
Nondurable goods .....	460	467	482	514	542	537	505
Foods, feeds, and beverages .....	266	274	291	299	311	335	329
Other nondurable goods .....	194	193	190	215	230	203	176
Services .....	2,108	2,208	2,184	2,247	2,304	2,394	2,408
Housing and utilities .....	587	636	657	660	692	705	717
Health care .....	218	241	251	263	283	309	317
Food services and accommodations .....	515	533	482	504	500	522	531
Other services .....	788	799	794	820	830	859	843
Net foreign travel .....	-1,114	-1,135	-1,004	-1,000	-1,075	-1,142	-1,220
<b>Private fixed investment</b> .....	<b>435</b>	<b>405</b>	<b>349</b>	<b>349</b>	<b>328</b>	<b>224</b>	<b>230</b>
<b>Change in private inventories</b> .....	<b>-540</b>	<b>180</b>	<b>210</b>	<b>-267</b>	<b>104</b>	<b>114</b>	<b>159</b>
<b>Net exports of goods and services</b> .....	<b>1,636</b>	<b>322</b>	<b>195</b>	<b>651</b>	<b>219</b>	<b>283</b>	<b>-68</b>
Exports .....	14,141	18,412	10,718	12,935	14,414	3,339	2,627
Goods .....	13,002	17,255	9,696	11,922	13,329	2,186	1,394
Services .....	1,139	1,157	1,021	1,013	1,085	1,153	1,232
Imports .....	12,505	18,089	10,523	12,284	14,195	3,056	2,694
Goods .....	12,251	17,861	10,310	12,067	13,943	2,932	2,572
Services .....	254	228	213	217	252	124	123
<b>Government consumption expenditures and gross investment</b> .....	<b>1,074</b>	<b>1,115</b>	<b>1,178</b>	<b>1,276</b>	<b>1,201</b>	<b>1,064</b>	<b>1,060</b>
Federal .....	126	134	146	180	169	162	162
Territorial .....	949	981	1,033	1,096	1,032	902	898

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

Table D.1.2. Real Gross Domestic Product, Chained Dollars, U.S. Virgin Islands

[Millions of chained (2005) dollars]

	2007	2008	2009	2010	2011	2012	2013
<b>Gross domestic product</b> .....	<b>4,836</b>	<b>4,852</b>	<b>4,583</b>	<b>4,645</b>	<b>4,295</b>	<b>3,702</b>	<b>3,501</b>
<b>Personal consumption expenditures</b> .....	<b>2,076</b>	<b>1,960</b>	<b>2,035</b>	<b>2,073</b>	<b>2,062</b>	<b>2,058</b>	<b>2,000</b>
Goods .....	1,161	1,008	987	970	955	938	954
Durable goods .....	746	619	576	545	534	531	571
Nondurable goods .....	411	385	405	419	415	401	378
Foods, feeds, and beverages .....	244	236	248	254	255	268	261
Other nondurable goods .....	167	149	157	164	160	137	122
Services .....	1,949	1,950	1,918	1,955	1,973	2,014	1,991
Housing and utilities .....	527	513	535	539	558	560	556
Health care .....	205	220	223	228	240	257	261
Food services and accommodations .....	475	481	434	448	433	440	440
Other services .....	743	738	725	739	739	755	731
Net foreign travel .....	-1,034	-996	-870	-851	-863	-889	-937
<b>Private fixed investment</b> .....	<b>397</b>	<b>361</b>	<b>311</b>	<b>310</b>	<b>287</b>	<b>194</b>	<b>196</b>
<b>Change in private inventories</b> .....	<b>-414</b>	<b>106</b>	<b>200</b>	<b>-197</b>	<b>56</b>	<b>59</b>	<b>83</b>
<b>Net exports of goods and services</b> .....	<b>1,732</b>	<b>1,364</b>	<b>946</b>	<b>1,251</b>	<b>753</b>	<b>194</b>	<b>94</b>
Exports .....	11,069	11,232	10,114	9,691	8,088	1,772	1,507
Goods .....	10,014	10,204	9,214	8,816	7,239	1,112	817
Services .....	1,057	1,015	885	861	872	898	947
Imports .....	9,337	9,868	9,169	8,440	7,335	1,578	1,412
Goods .....	9,092	9,645	8,954	8,235	7,145	1,501	1,337
Services .....	251	211	207	200	191	94	94
<b>Government consumption expenditures and gross investment</b> .....	<b>957</b>	<b>964</b>	<b>1,008</b>	<b>1,049</b>	<b>989</b>	<b>895</b>	<b>865</b>
Federal .....	112	116	129	150	135	129	127
Territorial .....	845	847	878	899	854	766	738
<b>Addenda:</b>							
Population (thousands) <sup>1</sup> .....	114.7	115.9	107.3	106.4	105.9	105.4	104.9
Per capita real GDP (chained dollars) .....	42,162	41,864	42,712	43,656	40,557	35,123	33,375

1. BEA estimates are based on data from the U.S. Virgin Islands Bureau of Economic Research and the U.S. Census Bureau.



Table D.1.3. Real Gross Domestic Product, U.S. Virgin Islands: Percent Change From Preceding Year

	2008	2009	2010	2011	2012	2013
<b>Gross domestic product</b> .....	<b>0.3</b>	<b>-5.5</b>	<b>1.3</b>	<b>-7.5</b>	<b>-13.8</b>	<b>-5.4</b>
<b>Personal consumption expenditures</b> .....	<b>-5.6</b>	<b>3.8</b>	<b>1.9</b>	<b>-0.5</b>	<b>-0.2</b>	<b>-2.8</b>
Goods.....	-13.1	-2.1	-1.7	-1.5	-1.8	1.7
Durable goods.....	-17.1	-7.0	-5.4	-2.0	-0.6	7.6
Nondurable goods.....	-6.2	5.3	3.3	-0.9	-3.2	-5.7
Foods, feeds, and beverages.....	-3.0	5.0	2.5	0.1	5.1	-2.6
Other nondurable goods.....	-10.6	5.6	4.5	-2.3	-14.5	-10.9
Services.....	0.0	-1.6	1.9	0.9	2.1	-1.2
Housing and utilities.....	-2.7	4.4	0.8	3.5	0.3	-0.8
Health care.....	7.0	1.5	2.0	5.7	7.0	1.4
Food services and accommodations.....	1.4	-9.9	3.3	-3.5	1.8	0.1
Other services.....	-0.7	-1.7	2.0	0.0	2.1	-3.1
Net foreign travel.....						
<b>Private fixed investment</b> .....	<b>-9.1</b>	<b>-13.9</b>	<b>-0.3</b>	<b>-7.5</b>	<b>-32.4</b>	<b>1.3</b>
<b>Change in private inventories</b> .....						
<b>Net exports of goods and services</b> .....						
Exports.....	1.5	-9.9	-4.2	-16.5	-78.1	-15.0
Goods.....	1.9	-9.7	-4.3	-17.9	-84.6	-26.5
Services.....	-4.0	-12.8	-2.6	1.3	2.9	5.5
Imports.....	5.7	-7.1	-7.9	-13.1	-78.5	-10.5
Goods.....	6.1	-7.2	-8.0	-13.2	-79.0	-10.9
Services.....	-15.9	-1.6	-3.8	-4.5	-50.6	-0.7
<b>Government consumption expenditures and gross investment</b> .....	<b>0.7</b>	<b>4.5</b>	<b>4.1</b>	<b>-5.7</b>	<b>-9.5</b>	<b>-3.3</b>
Federal.....	3.5	10.8	16.4	-9.8	-4.9	-1.6
Territorial.....	0.3	3.7	2.4	-5.0	-10.3	-3.6
<b>Addendum:</b>						
GDP less petroleum exports, imports, and change in private inventories.....	3.4	-5.2	0.8	-3.6	3.2	0.6

Table D.1.4. Contributions to Percent Change in Real Gross Domestic Product, U.S. Virgin Islands

	2008	2009	2010	2011	2012	2013
<b>Percent change:</b>						
<b>Gross domestic product</b> .....	<b>0.3</b>	<b>-5.5</b>	<b>1.3</b>	<b>-7.5</b>	<b>-13.8</b>	<b>-5.4</b>
<b>Percentage points:</b>						
<b>Personal consumption expenditures</b> .....	<b>-2.87</b>	<b>1.94</b>	<b>1.02</b>	<b>-0.29</b>	<b>-0.10</b>	<b>-1.71</b>
Goods.....	-3.78	-0.57	-0.46	-0.40	-0.46	0.50
Durable goods.....	-3.12	-1.12	-0.84	-0.29	-0.08	1.24
Nondurable goods.....	-0.66	0.56	0.37	-0.11	-0.38	-0.75
Foods, feeds, and beverages.....	-0.18	0.32	0.17	0.01	0.34	-0.21
Other nondurable goods.....	-0.48	0.24	0.21	-0.11	-0.72	-0.53
Services.....	0.00	-0.80	0.98	0.44	1.04	-0.69
Housing and utilities.....	-0.38	0.64	0.11	0.50	0.05	-0.14
Health care.....	0.34	0.08	0.12	0.33	0.43	0.11
Food services and accommodations.....	0.16	-1.20	0.38	-0.39	0.19	0.01
Other services.....	-0.12	-0.32	0.37	0.00	0.37	-0.66
Net foreign travel.....	0.92	3.31	0.51	-0.33	-0.68	-1.52
<b>Private fixed investment</b> .....	<b>-0.89</b>	<b>-1.28</b>	<b>-0.02</b>	<b>-0.58</b>	<b>-2.27</b>	<b>0.07</b>
<b>Change in private inventories</b> .....	<b>17.39</b>	<b>2.98</b>	<b>-11.08</b>	<b>8.85</b>	<b>0.12</b>	<b>1.12</b>
<b>Net exports of goods and services</b> .....	<b>-13.47</b>	<b>-10.33</b>	<b>10.27</b>	<b>-13.93</b>	<b>-9.15</b>	<b>-4.04</b>
Exports.....	5.35	-34.37	-11.76	-54.61	-244.95	-11.82
Goods.....	6.38	-30.98	-11.13	-54.90	-245.63	-13.37
Services.....	-1.03	-3.39	-0.63	0.29	0.68	1.55
Imports.....	-18.82	24.04	22.03	40.68	235.80	7.78
Goods.....	-19.75	23.96	21.84	40.45	233.09	7.76
Services.....	0.92	0.08	0.19	0.24	2.71	0.02
<b>Government consumption expenditures and gross investment</b> .....	<b>0.17</b>	<b>1.16</b>	<b>1.15</b>	<b>-1.60</b>	<b>-2.41</b>	<b>-0.88</b>
Federal.....	0.10	0.33	0.57	-0.39	-0.18	-0.06
Territorial.....	0.07	0.83	0.58	-1.20	-2.23	-0.81

Table D.1.5. Price Indexes for Gross Domestic Product, U.S. Virgin Islands: Percent Change From Preceding Year

	2008	2009	2010	2011	2012	2013
<b>Gross domestic product</b> .....	<b>-12.4</b>	<b>5.7</b>	<b>2.1</b>	<b>5.3</b>	<b>12.1</b>	<b>-3.2</b>
<b>Personal consumption expenditures</b> .....	<b>5.7</b>	<b>0.0</b>	<b>1.1</b>	<b>2.1</b>	<b>1.1</b>	<b>0.9</b>

**Table D.2.1. Value Added by Industry, U.S. Virgin Islands**

[Millions of dollars]

	2007	2008	2009	2010	2011	2012
<b>Gross domestic product</b> .....	<b>4,853</b>	<b>4,266</b>	<b>4,260</b>	<b>4,406</b>	<b>4,288</b>	<b>4,143</b>
<b>Private industries</b> .....	<b>4,047</b>	<b>3,430</b>	<b>3,412</b>	<b>3,505</b>	<b>3,425</b>	<b>3,347</b>
Goods-producing industries.....	1,468	986	1,030	1,023	951	819
Services-producing industries .....	2,579	2,444	2,382	2,482	2,474	2,528
Wholesale and retail trade.....	442	373	360	364	368	369
Accommodation and food services .....	412	420	382	405	396	415
Other services, except government.....	1,726	1,650	1,640	1,713	1,709	1,744
<b>Government</b> .....	<b>806</b>	<b>837</b>	<b>849</b>	<b>901</b>	<b>863</b>	<b>796</b>
Federal.....	126	132	138	151	146	145
Territorial.....	680	705	710	751	716	651

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

**Table D.2.2. Real Value Added by Industry, U.S. Virgin Islands**

[Millions of chained (2005) dollars]

	2007	2008	2009	2010	2011	2012
<b>Gross domestic product</b> .....	<b>4,836</b>	<b>4,852</b>	<b>4,583</b>	<b>4,645</b>	<b>4,295</b>	<b>3,702</b>
<b>Private industries</b> .....	<b>4,125</b>	<b>4,122</b>	<b>3,855</b>	<b>3,910</b>	<b>3,575</b>	<b>3,011</b>
Goods-producing industries.....	1,687	1,920	1,748	1,703	1,294	747
Services-producing industries .....	2,443	2,291	2,168	2,237	2,201	2,176
Wholesale and retail trade.....	427	355	336	336	321	308
Accommodation and food services .....	384	390	333	352	345	344
Other services, except government.....	1,632	1,545	1,498	1,548	1,535	1,524
<b>Government</b> .....	<b>718</b>	<b>728</b>	<b>720</b>	<b>724</b>	<b>702</b>	<b>669</b>
Federal.....	113	115	121	123	116	115
Territorial.....	605	613	599	600	586	553

**Table D.2.3. Percent Changes in Real Value Added by Industry, U.S. Virgin Islands**

	2008	2009	2010	2011	2012
<b>Gross domestic product</b> .....	<b>0.3</b>	<b>-5.5</b>	<b>1.3</b>	<b>-7.5</b>	<b>-13.8</b>
<b>Private industries</b> .....	<b>-0.1</b>	<b>-6.5</b>	<b>1.4</b>	<b>-8.6</b>	<b>-15.8</b>
Goods-producing industries.....	13.8	-9.0	-2.6	-24.0	-42.3
Services-producing industries .....	-6.2	-5.4	3.2	-1.6	-1.1
Wholesale and retail trade.....	-16.7	-5.4	0.0	-4.5	-4.2
Accommodation and food services .....	1.6	-14.7	5.8	-2.2	-0.2
Other services, except government.....	-5.4	-3.0	3.3	-0.8	-0.7
<b>Government</b> .....	<b>1.4</b>	<b>-1.1</b>	<b>0.6</b>	<b>-3.0</b>	<b>-4.8</b>
Federal.....	2.1	5.0	2.3	-5.7	-1.3
Territorial.....	1.2	-2.3	0.2	-2.5	-5.5

**Table D.2.4. Contributions to Percent Change in Real Gross Domestic Product by Industry, U.S. Virgin Islands**

	2008	2009	2010	2011	2012
<b>Percent change:</b>					
<b>Gross domestic product</b> .....	<b>0.3</b>	<b>-5.5</b>	<b>1.3</b>	<b>-7.5</b>	<b>-13.8</b>
<b>Percentage points:</b>					
<b>Private industries</b> .....	<b>-0.03</b>	<b>-5.23</b>	<b>1.15</b>	<b>-6.89</b>	<b>-13.00</b>
Goods-producing industries.....	3.51	-2.19	-0.63	-5.99	-12.38
Services-producing industries .....	-3.54	-3.04	1.78	-0.89	-0.62
Wholesale and retail trade.....	-1.63	-0.46	0.00	-0.37	-0.34
Accommodation and food services .....	0.14	-1.44	0.52	-0.20	-0.02
Other services, except government.....	-2.05	-1.13	1.26	-0.32	-0.26
<b>Government</b> .....	<b>0.24</b>	<b>-0.22</b>	<b>0.12</b>	<b>-0.60</b>	<b>-0.86</b>
Federal.....	0.06	0.15	0.07	-0.19	-0.04
Territorial.....	0.19	-0.37	0.04	-0.40	-0.82

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 D.2.5. Compensation of Employees by Industry, U.S. Virgin Islands**

[Millions of dollars]

	2007	2008	2009	2010	2011	2012
<b>Total compensation</b> .....	<b>2,174</b>	<b>2,223</b>	<b>2,148</b>	<b>2,278</b>	<b>2,218</b>	<b>2,055</b>
<b>Private industries</b> .....	<b>1,415</b>	<b>1,428</b>	<b>1,331</b>	<b>1,404</b>	<b>1,386</b>	<b>1,315</b>
Goods-producing industries.....	369	349	323	334	317	291
Services-producing industries .....	1,046	1,079	1,008	1,071	1,070	1,024
Wholesale and retail trade.....	201	203	194	193	201	201
Accommodation and food services .....	199	209	184	196	200	204
Other services, except government.....	646	667	630	682	669	620
<b>Government</b> .....	<b>758</b>	<b>794</b>	<b>818</b>	<b>874</b>	<b>832</b>	<b>740</b>
Federal.....	126	132	139	152	148	146
Territorial.....	632	662	678	722	684	594

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