

Annual Industry Accounts

Advance Estimates for 2006

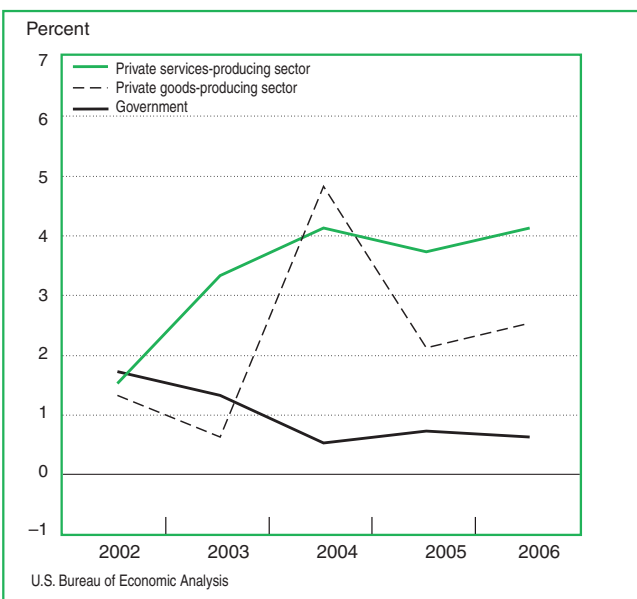
By Thomas F. Howells III and Kevin B. Barefoot

THE private services-producing and private goods-producing sectors of the U.S. economy remained strong in 2006, as real growth accelerated in both, according to advance estimates of gross domestic product (GDP) by industry. In addition, GDP price growth remained stable, as accelerating price growth in the private services-producing sector was offset by sharply decelerating price growth in the private goods-producing sector.

The advance estimates of GDP by industry were released by the Bureau of Economic Analysis (BEA) on April 24, 2007. These estimates reflect newly available source data on the distribution of growth in real GDP and inflation by industry. Highlights of the estimates include the following:

- The private services-producing sector grew 4.1 percent in 2006, up from 3.7 percent in 2005. All 15 industry groups in the services sector expanded in 2006 (chart 1).
- Real growth in the private goods-producing sector accelerated to 2.5 percent from 2.1 percent in 2005.

Chart 1. Annual Growth in Real Value Added



Growth in four of the five industries in this sector improved in 2006. Construction increased 1.3 percent, compared with a 3.9-percent increase in 2005.

- Manufacturing continued to experience strong real growth, increasing 3.3 percent in 2006 after increasing 2.2 percent in 2005. Real growth in durable-goods manufacturing accelerated to 6.7 percent in 2006 from 4.9 percent in 2005.
- Information-communications-technology (ICT)-producing industries experienced double-digit real growth for the third consecutive year, increasing 12.5 percent in 2006, compared with 13.3 percent in 2005.¹ These industries accounted for 3.9 percent of the economy but 14.2 percent of real GDP growth (table A).
- Slower value-added price growth in mining, largely due to slowing crude petroleum prices, was the primary contributor to decelerating value-added price growth in the private goods-producing sector (3.4 percent in 2006, compared with 6.1 percent in 2005).
- Private industries' share of current-dollar GDP increased for the third straight year, accounting for 87.6 percent of the economy in 2006. This trend largely reflected rising shares for the mining, construction, "real estate and rental and leasing," and "professional, scientific, and technical services" industry groups.

The advance estimates were prepared for broad industry groups using a methodology that incorporates summary source data from the "final" estimate of fourth-quarter GDP in the national income and product accounts (NIPAs). The advance estimates will be revised in the fall of 2007 to incorporate more detailed industry source data.² The revised estimates will be prepared using BEA's integrated annual industry accounts methodology, which includes both the annual

1. ICT-producing industries consist of computer and electronic products within durable-goods manufacturing; publishing industries (includes software) and information and data processing services within information; and computer systems design and related services within professional, scientific, and technical services.

2. BEA will also release revised annual industry estimates for 2004–2005.

GDP-by-industry accounts and the annual input-output accounts.

The remainder of this article includes a discussion of industry trends and developments, an appendix describing the methodology used to prepare the advance estimates, and nine tables that present the advance estimates for 2006 and the more detailed estimates from the integrated annual industry accounts methodology for 2003–2005 (see the box “Data Availability”).

Table A. Contributions to Percent Change in Real Gross Domestic Product Relative to Industry Group Size, 2006

[Percent]

	Share of real GDP growth ¹	Share of GDP ²	Ratio ³
Information	9.4	4.4	2.1
Durable goods manufacturing	13.6	6.9	2.0
Real estate and rental and leasing	23.0	13.1	1.8
Agriculture, forestry, fishing, and hunting	1.5	0.9	1.7
Professional, scientific, and technical services	10.9	7.0	1.6
Administrative and waste management services	4.2	3.0	1.4
Finance and insurance	10.0	7.8	1.3
Retail trade	8.2	6.5	1.3
Health care and social assistance	7.0	6.9	1.0
Arts, entertainment, and recreation	0.9	0.9	1.0
Accommodation and food services	2.1	2.6	0.8
Educational services	0.6	0.9	0.7
Transportation and warehousing	1.5	2.7	0.6
Wholesale trade	3.0	6.0	0.5
Construction	1.8	4.9	0.4
State and local government	3.0	8.5	0.4
Utilities	0.6	2.0	0.3
Other services, except government	0.6	2.2	0.3
Management of companies and enterprises	0.3	1.8	0.2
Mining	-0.3	1.9	-0.2
Federal government	-0.9	3.9	-0.2
Nondurable goods manufacturing	-1.5	5.2	-0.3
Addenda:			
Private goods-producing industries ⁴	15.2	19.8	0.8
Private services-producing industries ⁵	83.3	67.8	1.2
Information-communications-technology-producing industries ⁶	14.2	3.9	3.6

1. Equals the industry's contribution to growth in real GDP, divided by the growth in real GDP, times 100.

2. Equals the industry's value added, divided by GDP, times 100.

3. Equals the share of real GDP growth divided by the share of GDP.

4. Consists of agriculture, forestry, fishing, and hunting; mining; construction; and manufacturing.

5. Consists of utilities; wholesale trade; retail trade; transportation and warehousing; information; finance, insurance, real estate, rental, and leasing; professional and business services; educational services, health care, and social assistance; arts, entertainment, recreation, accommodation, and food services; and other services, except government.

6. Consists of computer and electronic products; publishing industries (includes software); information and data processing services; and computer systems design and related services.

Data Availability

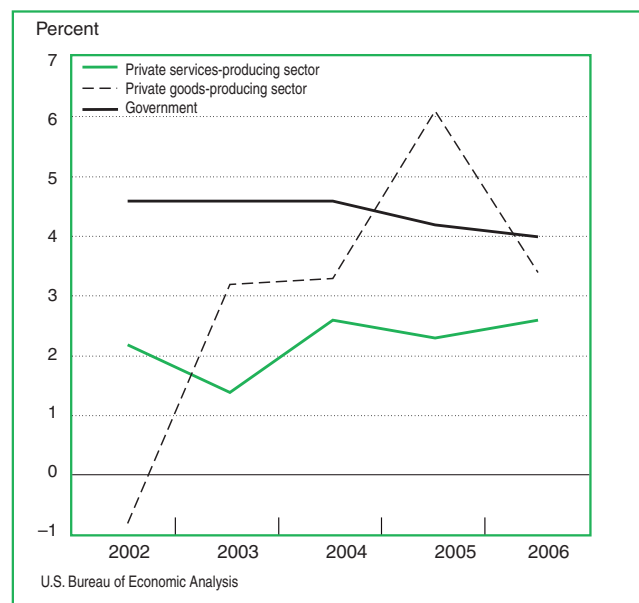
The advance estimates of value added by industry are presented in current dollars, chained (2000) dollars, chain-type quantity indexes, and chain-type price indexes. Annual input-output accounts for 2006 will not be available until late 2007. The estimates for 2006 and the full set of annual industry accounts are available interactively on BEA's Web site; go to <www.bea.gov>, and under “Industry,” click on “Interactive Tables: GDP by Industry.”

Industry Performance

The private goods-producing and private services-producing sectors remained strong in 2006; real growth in both sectors accelerated. GDP price growth remained

stable as accelerating value-added price growth in the services sector was offset by a sharp deceleration in goods-sector price growth (chart 2). In addition, the advance estimates for 2006 reflect continuing trends in the U.S. economy. ICT-producing industries experienced double-digit growth for the third straight year. Goods-sector value-added price growth was above 3.0 percent for the fourth straight year. And private industries' share of current-dollar GDP rose for the third straight year.

Chart 2. Annual Growth in Chain-Type Price Indexes for Value Added



Real economic growth

Private services-producing sector. Real value added accelerated to 4.1 percent in 2006 from 3.7 percent in 2005 (table B).³ Strong growth in the services sector was marked by expansions in all 15 services-sector industry groups. The services sector continued to drive real economic growth, accounting for more than 80 percent of real GDP growth while accounting for less than 70 percent of the economy in 2006. Services-sector growth reflected more rapid growth in “finance, insurance, real estate, rental, and leasing” that offset slower growth in the retail trade, information, and “professional and business services” industry groups.

The “finance, insurance, real estate, rental, and leasing” industry group increased from 3.0 percent in 2005 to 5.4 percent in 2006. Growth in this industry group was led by “real estate and rental and leasing” which

3. Real value added reflects the contribution of an industry's labor and capital to real GDP.

Table B. Percent Changes in Real Value Added by Industry Group
[Percent Change]

	2003	2004	2005	2006
Gross domestic product	2.5	3.9	3.2	3.3
Private industries	2.7	4.2	3.3	3.7
Agriculture, forestry, fishing, and hunting	7.5	6.1	0.1	5.0
Mining	-0.9	0.9	-2.6	-0.7
Utilities	6.9	2.4	1.2	1.2
Construction	-2.0	1.5	3.9	1.3
Manufacturing	1.1	6.5	2.2	3.3
Durable goods	2.6	7.7	4.9	6.7
Nondurable goods	-0.8	4.9	-1.3	-0.9
Wholesale trade	2.1	1.1	1.5	1.7
Retail trade	3.9	2.5	5.0	4.2
Transportation and warehousing	2.0	5.2	4.0	1.9
Information	3.0	11.4	9.0	7.2
Finance, insurance, real estate, rental, and leasing	2.4	4.3	3.0	5.4
Professional and business services	4.4	5.2	5.6	4.4
Educational services, health care, and social assistance	4.4	3.3	3.5	3.2
Arts, entertainment, recreation, accommodation, and food services	3.1	3.0	1.4	2.8
Other services, except government	2.0	-0.5	-0.7	0.9
Government	1.3	0.5	0.7	0.6
Addenda:				
Private goods-producing industries ¹	0.6	4.8	2.1	2.5
Private services-producing industries ²	3.3	4.1	3.7	4.1
Information-communications-technology-producing industries ³	7.2	13.7	13.3	12.5

1. Consists of agriculture, forestry, fishing, and hunting; mining; construction; and manufacturing.

2. Consists of utilities; wholesale trade; retail trade; transportation and warehousing; information; finance, insurance, real estate, rental, and leasing; professional and business services; educational services, health care, and social assistance; arts, entertainment, recreation, accommodation, and food services; and other services, except government.

3. Consists of computer and electronic products; publishing industries (includes software); information and data processing services; and computer systems design and related services.

increased 6.0 percent in 2006. “Real estate and rental and leasing” accounted for 23.0 percent of real GDP growth, nearly double its 13.1-percent share of current-dollar GDP.

Information was the fastest growing industry group for the third consecutive year, increasing 7.2 percent in 2006 after increasing 9.0 percent in 2005. Information industries were the largest contributor to real GDP growth relative to their size in the economy, accounting for 9.4 percent of real growth, more than double their 4.4-percent share of current-dollar GDP. The “professional, scientific, and technical services” industry group increased 5.2 percent in 2006 and accounted for more than 10 percent of real GDP growth.

ICT-producing industries, which include industries from both the information and “professional, scientific, and technical services” industry groups, experienced double-digit growth for the third consecutive year, increasing 12.5 percent in 2006. ICT-producing industries accounted for 3.9 percent of current-dollar GDP but for 14.2 percent of real GDP growth.

Private goods-producing sector. Real growth in this sector strengthened in 2006, increasing 2.5 percent after increasing 2.1 percent in 2005. This sector accounted for 15.2 percent of real GDP growth and 19.8 percent of current-dollar GDP. In 2006, stronger growth in this sector reflected improved growth in four of the sector’s five industry groups.

In this sector, durable-goods manufacturing increased 6.7 percent, up from 4.9 percent in 2005, and “agriculture, forestry, fishing, and hunting” increased 5.0 percent, up from 0.1 percent in 2005. Both mining and nondurable-goods manufacturing continued to decrease in 2006, but at a slower rate than in 2005. Mining decreased 0.7 percent in 2006 after decreasing 2.6 percent, and nondurable-goods manufacturing decreased 0.9 percent in 2006 after decreasing 1.3 percent. Real growth in the construction industry slowed to 1.3 percent after increasing 3.9 percent.

The manufacturing industry group experienced accelerating real growth in 2006, increasing 3.3 percent after increasing 2.2 percent in 2005. This acceleration largely reflected stronger real growth in durable-goods manufacturing, which accounted for 13.6 percent of real GDP growth, or nearly twice its 6.9-percent share of current-dollar GDP.

Value-added price growth

Private services-producing sector. Growth in the value-added price index for the services-producing sector increased 2.6 percent in 2006, up from 2.3 percent in 2005.⁴ This increase reflected more rapid price growth in the “real estate and rental and leasing” and “transportation and warehousing” industry groups. “Real estate and rental and leasing” increased 3.5 percent in 2006, its largest increase since 2001, and accounted for 15.5 percent of GDP price growth (table C). The value-added price index for “transportation and warehousing” increased 3.6 percent, its largest increase since 1998. Accelerating value-added price growth in these two industries offset slower growth in wholesale trade, which increased 4.3 percent in 2006 after 2 years of price growth above 6 percent.

Accelerating value-added price growth in “professional, scientific, and technical services” and a smaller decrease in information also contributed to the acceleration in price growth in the services sector.

Private goods-producing sector. Growth in value-added prices for this sector decelerated sharply to 3.4 percent in 2006 from 6.1 percent in 2005 (table D). Despite slowing, value-added price growth remained above the average annual rate of growth throughout the 1990s (less than 1 percent).

The deceleration stemmed mainly from mining, reflecting less rapid increases in crude petroleum prices.

4. The value-added price index for an industry reflects both the prices that it receives for its output and the prices that it pays for its intermediate inputs. For more information, see the box “Interpreting the Value-Added Price Index” in Robert E. Yuskavage and Mahnaz Fahim-Nader, “Gross Domestic Product by Industry for 1947–86,” SURVEY OF CURRENT BUSINESS 85 (December 2005): 77.

Despite slowing, the mining industry's value-added price index continued to experience double-digit growth, increasing 10.5 percent in 2006, down from 39.2 percent in 2005 and 19.0 percent in 2004. In 2006, mining accounted for 6.6 percent of GDP price growth, or more than 3 times its 1.9-percent share of current-dollar GDP.

Manufacturing and construction also contributed to the slowing private goods-sector value-added price growth rate in 2006. The manufacturing industry group increased 2.4 percent in 2006 after increasing 3.2 percent in 2005. This slowdown reflected decelerating growth in nondurable-goods manufacturing, which increased 5.1 percent in 2006 after increasing 8.4 percent. Value-added price growth in construction slowed to 4.7 percent in 2006 after increasing 8.7 percent.

Current-dollar shares

Private industries' share of current-dollar GDP rose for the third consecutive year, to 87.6 percent in 2006. The private services-sector share rose 0.3 percentage point to 67.8 percent in 2006, while the private goods-sector share fell 0.1 percentage point to 19.8 percent. In the goods sector, the manufacturing industry's share of current-dollar GDP held steady in 2006 at 12.1 percent after declining every year from 1999 to 2005.

Table C. Contributions to Percent Change in the Chain-Type Price Index for Gross Domestic Product Relative to Industry Group Size, 2006
[Percent]

	Share of GDP price growth ¹	Share of GDP ²	Ratio ³
Mining	6.6	1.9	3.5
Nondurable goods manufacturing	9.0	5.2	1.7
Management of companies and enterprises	3.1	1.8	1.7
Construction	7.9	4.9	1.6
Educational services	1.4	0.9	1.6
Utilities	3.1	2.0	1.6
Wholesale trade	9.0	6.0	1.5
Federal government	5.5	3.9	1.4
State and local government	11.7	8.5	1.4
Other services, except government	2.8	2.2	1.3
Transportation and warehousing	3.4	2.7	1.3
Real estate and rental and leasing	15.5	13.1	1.2
Arts, entertainment, and recreation	1.0	0.9	1.1
Accommodation and food services	2.8	2.6	1.1
Finance and insurance	7.6	7.8	1.0
Health care and social assistance	6.2	6.9	0.9
Administrative and waste management services	2.4	3.0	0.8
Professional, scientific, and technical services	5.5	7.0	0.8
Retail trade	1.4	6.5	0.2
Durable goods manufacturing	1.0	6.9	0.1
Information	-4.1	4.4	-0.9
Agriculture, forestry, fishing, and hunting	-1.7	0.9	-1.9
Addenda:			
Private goods-producing industries ⁴	23.1	19.8	1.2
Private services-producing industries ⁵	61.0	67.8	0.9
Information-communications-technology-producing industries ⁶	-6.9	3.9	-1.8

1. Equals the industry's contribution to the percent change in the chain-type price index for GDP divided by the percent change in the chain-type price index for GDP, times 100.

2. Equals the industry's value added, divided by GDP, times 100.

3. Equals the share of real GDP growth divided by the share of GDP.

4. Consists of agriculture, forestry, fishing, and hunting; mining; construction; and manufacturing.

5. Consists of utilities; wholesale trade; retail trade; transportation and warehousing; information; finance, insurance, real estate, rental, and leasing; professional and business services; educational services, health care, and social assistance; arts, entertainment, recreation, accommodation, and food services; and other services, except government.

6. Consists of computer and electronic products; publishing industries (includes software); information and data processing services; and computer systems design and related services.

Appendix: Methodology for the Advance 2006 Estimates

The advance estimates for 2006 were prepared for broad industry groups using a methodology that was developed to incorporate summary source data. The advance estimates are published at the 1997 North American Industry Classification System (NAICS) two-digit industry level. The preparation of the estimates uses a methodology that draws heavily on data from the NIPAs for both the current-dollar estimates and the real estimates of value added by industry. This methodology and level of industry detail differ from the methodology and level of detail found in the integrated annual industry accounts.⁵

Current-dollar estimates. The current-dollar estimates of value added by industry are prepared by extrapolating the industry estimates of compensation of employees, gross operating surplus, and "taxes on production and imports less subsidies" using published and unpublished industry data from the NIPAs.⁶ Compensation of employees by industry is extrapolated by

5. The annual industry accounts for 1998–2005 were prepared at the NAICS three-digit industry level using a more comprehensive methodology that integrates detailed source data within an input-output framework that balances and reconciles industry production with commodity usage. For more information, see Brian C. Moyer, Mark A. Planting, Mahnaz Fahim-Nader, and Sherlene K.S. Lum, "Preview of the Comprehensive Revision of the Annual Industry Accounts," SURVEY 84 (March 2004): 38–51.

6. Current-dollar value added in the annual industry accounts is measured as the sum of industry distributions of compensation of employees, gross operating surplus, and "taxes on production and imports less subsidies."

Table D. Percent Changes in Chain-Type Price Indexes for Value Added by Industry Group
[Percent Change]

	2003	2004	2005	2006
Gross domestic product	2.1	2.8	3.0	2.9
Private industries	1.8	2.8	3.1	2.8
Agriculture, forestry, fishing, and hunting ...	11.5	17.0	-13.4	-5.3
Mining	35.8	19.0	39.2	10.5
Utilities	-0.8	4.4	4.2	4.6
Construction	5.0	7.4	8.7	4.7
Manufacturing	-0.6	-0.9	3.2	2.4
Durable goods	-2.9	-1.4	-0.6	0.5
Nondurable goods	2.5	-0.2	8.4	5.1
Wholesale trade	1.3	6.8	6.4	4.3
Retail trade	0.5	1.4	0.4	0.6
Transportation and warehousing	1.9	-0.9	0.4	3.6
Information	-1.7	-2.9	-3.7	-2.7
Finance, insurance, real estate, rental, and leasing	2.4	2.9	2.3	3.2
Professional and business services	0.6	2.5	2.6	2.7
Educational services, health care, and social assistance	2.7	3.3	3.0	2.8
Arts, entertainment, recreation, accommodation, and food services	1.4	3.1	3.4	3.2
Other services, except government	3.0	3.8	3.9	3.7
Government	4.6	4.6	4.2	4.0
Addenda:				
Private goods-producing industries ¹	3.2	3.3	6.1	3.4
Private services-producing industries ²	1.4	2.6	2.3	2.6
Information-communications-technology-producing industries ³	-5.7	-6.3	-4.3	-4.8

1. Consists of agriculture, forestry, fishing, and hunting; mining; construction; and manufacturing.

2. Consists of utilities; wholesale trade; retail trade; transportation and warehousing; information; finance, insurance, real estate, rental, and leasing; professional and business services; educational services, health care, and social assistance; arts, entertainment, recreation, accommodation, and food services; and other services, except government.

3. Consists of computer and electronic products; publishing industries (includes software); information and data processing services; and computer systems design and related services.

the sum of industry wage and salary accruals and supplements to wages and salaries. Gross operating surplus by industry is extrapolated by the sum of industry corporate profits, proprietors' income, capital consumption allowances, net interest, and net business current transfer payments. These components account for nearly all of the gross operating surplus for most industries. Industry estimates of "taxes on production and imports less subsidies" are extrapolated by applying industry group estimates directly to each detailed industry.⁷ Estimates of value added for farms and general government are obtained from the NIPAs.

Real estimates. Chain-type price and quantity indexes and chained-dollar estimates of value added by industry are prepared using a single-deflation methodology. An industry's current-dollar estimate of value added is deflated using the industry's gross output price index.⁸ A Fisher aggregation of the detailed industries yields the chain-type price and quantity in-

dexes for industry groups. The gross output price indexes for detailed industries are implicit price deflators that are computed as current-dollar gross output divided by chained-dollar gross output. For detailed industries, both current-dollar and real gross output are extrapolated by a variety of source data from the NIPAs, from other Federal Government agencies, and from private institutions.

Reliability. The advance estimates continue to provide reliable information on the direction-of-change in real growth for industry groups and an indication of whether industries' real growth was well-above, well-below, or about average with respect to overall GDP growth. Last year's (2005) advance estimates correctly identified the direction of change in 13 of 16 industry groups and correctly identified the magnitude of real growth relative to GDP in 14 industry groups.

7. Estimates at the NAICS two-digit industry level are applied to the NAICS three-digit industry level for taxes on production and imports, and the ratio of an industry's share of total subsidies is held constant from the previous year.

8. Single deflation best approximates the results obtained through double deflation when an industry's input prices and output prices are growing at about the same rate. Under double deflation, real value added is computed indirectly as the difference between real gross output and real intermediate inputs. For more information, see Robert E. Yuskavage, "Gross Domestic Product by Industry: A Progress Report on Accelerated Estimates," SURVEY 82 (June 2002): 21.

Current Initiatives

BEA is currently researching two improvements to the advance estimates of GDP by industry. First, research is under way to incorporate a double-deflation procedure for computing real value added by industry. This method would be similar to that used for the integrated annual industry accounts, but the estimates would be prepared in a partly balanced, rather than a fully balanced, I-O framework and would incorporate preliminary source data. This research has already allowed BEA to improve the advance estimates prepared using the current single-deflation methodology. Second, BEA is evaluating the feasibility of increasing the level of industry detail in order to include many of the industries that are currently published only as part of the integrated annual industry accounts and to include additional estimates, such as gross output, intermediate inputs, and the components of value added.

Acknowledgments

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The following CIAD staff also contributed to the preparation of the advance estimates:

Agriculture, business services, and personal services: Sherlene K.S. Lum, Robert J. Corea, Vincent A. Davis, Edward A. Kocis, and Brian M. Lindberg. *Transportation, utilities, and government:* Paul V. Kern, Greg R. Linder, Mariana Matias, and Sarah R. Mattingly. *Mining, construction, manufacturing, and trade:* Robert J. McCahill, Kevin B. Barefoot, Anna M. Jacobson, Amanda C. Roberts, and Shawn L. Snyder. *Value added, real measures, and prices:* Thomas F. Howells III, Kathleen M. Karlon, Amanda S. Lyndaker, and Justin M. Monaldo. *Processing:* Felicia V. Candela, Douglas B. Leung, and William H. Nicolls IV.

Staff members in BEA's National Income and Wealth Division and Government Division also contributed to the development of the estimates.

Comparing Aggregate Measures of Goods and Services Production in BEA's Industry and National Accounts

BEA's annual industry accounts (AIAs) include aggregate measures of value added by the private goods-producing and private services-producing sectors. These measures differ in several ways from the aggregate measures of goods and services in gross domestic product (GDP) from BEA's national income and product accounts (NIPAs). In 2006, real value-added in the private goods-producing sector (the AIA measure) increased 2.5 percent, while real GDP goods (the NIPA measure) rose 6.2 percent. Real value-added in the private services-producing sector increased 4.1 percent, while real GDP services grew 2.3 percent.

Specific differences between the two measures include the following.

Concepts. The NIPA measure of goods represents final expenditures for goods in personal consumption expenditures, in business and government investment, and in net exports, while the AIA measure of the private goods-producing sector sums up value added across all private goods-producing industries. For example, the final purchase of an automobile would be included in the NIPA measure of GDP goods. The value of that purchase implicitly includes the value added by all industries contributing to the various stages of the automobile production and distribution process. Contributing industries might include the mining industry (raw materials), the miscellaneous professional, scientific, and technical services industry (auto design), the motor vehicles, bodies and trailers, and parts manufacturing industry (auto assembly), the transportation services industry (auto delivery), and the retail trade industry (auto sales). In the AIAs, the value of the automobile purchase would be divided among each of the private goods- and private services-producing industries that contributed to the production and distribution of the automobile.

Classifications. In the AIAs, an industry that produces both goods and services output is classified wholly

as a goods-producing or services-producing industry based on primary output. For example, the printing and related support activities manufacturing industry is classified as a goods-producing industry even though it also produces technical services as secondary output. In addition, the secondary output of most industries includes structures and software output produced with their own labor and capital.

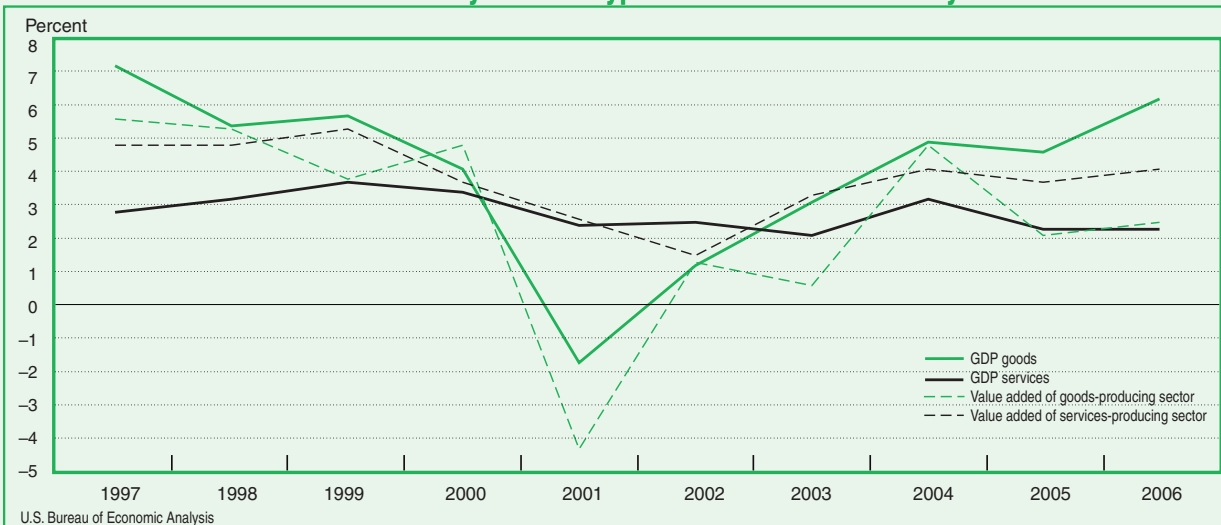
Sectors. The NIPA measure of GDP comprises goods, services, and structures, while the AIAs divide GDP into the value added of goods-producing industries, services-producing industries, and government. In the AIAs, structures are produced principally by the construction industry, a goods-producing industry.

Valuations. GDP in the NIPAs is measured in purchasers' prices; therefore, trade and transportation margins are included in GDP goods. In the AIAs, value added is measured in producers' prices, and the value added of the trade and transportation industries is included in the services-producing sector.

Imported goods. Imports are excluded from GDP in the AIAs and NIPAs. But in the AIAs, the gross margins from distributing these goods are included, mainly in the value added of the trade and transportation industries.

The AIAs' input-output total requirements tables show that in 2005, private services-producing industries accounted for nearly three-fourths of the current-dollar purchasers' value of GDP goods and that private goods-producing industries and government combined accounted for nearly a third of the current-dollar purchasers' value of GDP services. Clearly, real growth in GDP goods and services reflects the real value-added growth of all private services-producing industries, private goods-producing industries, and government that contribute to production. For more information, go to faq.bea.gov and search by keyword for "final expenditures versus value added."

Chart 1. Annual Growth in Real GDP by Product Type and Real Value Added by Sector



Tables 1 through 7 follow.

Table 1. Value Added by Industry, 2003–2006

[Billions of dollars]

Line	2003	2004	2005	2006	Line	2003	2004	2005	2006
1	10,960.8	11,712.5	12,455.8	13,246.6	50	2,244.6	2,408.7	2,536.1	2,758.6
2	9,542.3	10,221.5	10,892.2	11,610.4	51	864.6	917.3	957.7	1,027.5
3	114.4	142.0	123.1	122.4	52				
4	88.3	114.6	95.9			445.0	444.5	474.7	
5	26.1	27.4	27.2		53	145.9	156.8	167.4	
6	143.3	172.1	233.3	256.0	54	255.0	295.6	296.1	
7	93.8	116.4	159.6		55	18.7	20.4	19.5	
8	27.2	29.3	31.5		56	1,380.0	1,491.4	1,578.4	1,731.1
9	22.3	26.5	42.2		57	1,274.2	1,386.3	1,472.6	
10	220.0	235.2	248.0	262.6	58		105.8	105.1	105.8
11	496.2	541.0	611.1	647.9	59	1,248.9	1,346.4	1,458.8	1,564.6
12	1,359.3	1,434.8	1,512.5	1,601.2	60	733.1	794.9	864.1	929.6
13	771.8	819.6	854.3	915.7	61	154.2	169.1	180.9	
14	32.1	38.3	39.0		62	124.3	131.1	140.8	
15	45.1	49.5	53.3		63		454.6	494.6	542.5
16	38.4	54.3	61.1		64	195.5	210.6	225.8	239.1
17	106.3	118.4	130.5		65	320.3	341.0	368.8	395.9
18	94.3	104.4	111.1		66	290.9	310.1	336.6	
19	124.0	129.5	135.3		67	29.4	30.8	32.3	
20	48.8	45.7	47.8		68		857.3	914.7	975.3
21	124.1	109.8	95.4		69	100.1	108.2	115.8	123.3
22	62.4	65.7	71.1		70	757.2	806.4	859.6	911.7
23	33.4	36.7	37.1		71	385.7	409.3	441.9	
24	62.9	67.4	72.6		72	303.9	326.1	342.2	
25	587.5	615.2	658.2	685.5	73	67.6	71.0	75.4	
26	167.9	156.2	175.7		74		398.9	424.0	444.6
27	23.1	23.4	23.8		75		107.2	110.8	114.1
28	18.3	17.1	16.8		76				121.9
29	50.3	52.8	54.6		77		49.6	52.1	54.0
30	45.2	46.4	46.9		78		57.6	58.6	60.1
31	39.1	53.8	63.5		79		291.7	313.2	330.5
32	179.5	198.4	209.2		80		90.7	99.1	104.6
33	64.0	67.1	67.7		81		201.0	214.0	225.9
34	637.0	688.2	743.2	788.7	82		265.3	274.1	282.8
35	751.5	781.2	823.5	863.2	83	1,418.4	1,490.9	1,563.6	1,636.2
36	316.6	330.1	344.6	363.7	84	448.6	478.4	498.8	515.1
37	51.7	44.9	41.0		85	363.9	411.6	436.7	
38	28.1	30.2	32.3		86	64.7	66.8	62.1	
39	8.7	9.0	9.0		87	969.8	1,012.6	1,064.8	1,121.1
40	98.4	108.0	114.1		88	896.2	936.8	986.2	
41	16.1	16.6	17.1		89	73.7	75.7	78.6	
42	9.9	9.6	9.3		90		2,113.3	2,289.9	2,480.1
43	75.4	81.7	89.1		91	7,429.1	7,931.6	8,412.2	8,983.0
44	28.3	30.1	32.7		92		421.2	448.5	486.7
45	489.1	529.2	555.2	579.2	93				521.2
46	123.5	133.6	150.2						
47	38.3	39.9	40.5						
48	277.9	301.4	304.1						
49	49.3	54.2	60.4						

1. Consists of agriculture, forestry, fishing, and hunting; mining; construction; and manufacturing.

2. Consists of utilities; wholesale trade; retail trade; transportation and warehousing; information; finance, insurance, real estate, rental, and leasing; professional and business services; educational services, health care, and social assistance; arts, entertainment, recreation, accommodation, and food services; and other services, except government.

3. Consists of computer and electronic products; publishing industries (includes software); information and data processing services; and computer systems design and related services.

Table 2. Value Added by Industry as a Percentage of Gross Domestic Product, 2003-2006
[Percent]

Line		2003	2004	2005	2006	Line		2003	2004	2005	2006
1	Gross domestic product	100.0	100.0	100.0	100.0	50	Finance, insurance, real estate, rental, and leasing	20.5	20.6	20.4	20.8
2	Private industries	87.1	87.3	87.4	87.6	51	Finance and insurance	7.9	7.8	7.7	7.8
3	Agriculture, forestry, fishing, and hunting	1.0	1.2	1.0	0.9	52	Federal Reserve banks, credit intermediation, and related activities	4.1	3.8	3.8	.....
4	Farms	0.8	1.0	0.8	.....	53	Securities, commodity contracts, and investments	1.3	1.3	1.3	.....
5	Forestry, fishing, and related activities	0.2	0.2	0.2	.....	54	Insurance carriers and related activities	2.3	2.5	2.4	.....
6	Mining	1.3	1.5	1.9	1.9	55	Funds, trusts, and other financial vehicles	0.2	0.2	0.2	.....
7	Oil and gas extraction	0.9	1.0	1.3	.....	56	Real estate and rental and leasing	12.6	12.7	12.7	13.1
8	Mining, except oil and gas	0.2	0.2	0.3	.....	57	Real estate	11.6	11.8	11.8	.....
9	Support activities for mining	0.2	0.2	0.3	.....	58	Rental and leasing services and lessors of intangible assets	1.0	0.9	0.8	.....
10	Utilities	2.0	2.0	2.0	2.0	59	Professional and business services	11.4	11.5	11.7	11.8
11	Construction	4.5	4.6	4.9	4.9	60	Professional, scientific, and technical services	6.7	6.8	6.9	7.0
12	Manufacturing	12.4	12.3	12.1	12.1	61	Legal services	1.4	1.4	1.5	.....
13	Durable goods.....	7.0	7.0	6.9	6.9	62	Computer systems design and related services	1.1	1.1	1.1	.....
14	Wood products	0.3	0.3	0.3	.....	63	Miscellaneous professional, scientific, and technical services.....	4.1	4.2	4.4	.....
15	Nonmetallic mineral products.....	0.4	0.4	0.4	.....	64	Management of companies and enterprises	1.8	1.8	1.8	1.8
16	Primary metals.....	0.3	0.5	0.5	.....	65	Administrative and waste management services	2.9	2.9	3.0	3.0
17	Fabricated metal products.....	1.0	1.0	1.0	.....	66	Administrative and support services	2.7	2.6	2.7	.....
18	Machinery	0.9	0.9	0.9	.....	67	Waste management and remediation services	0.3	0.3	0.3	.....
19	Computer and electronic products	1.1	1.1	1.1	.....	68	Educational services, health care, and social assistance	7.8	7.8	7.8	7.8
20	Electrical equipment, appliances, and components	0.4	0.4	0.4	.....	69	Educational services	0.9	0.9	0.9	0.9
21	Motor vehicles, bodies and trailers, and parts.....	1.1	0.9	0.8	.....	70	Health care and social assistance	6.9	6.9	6.9	6.9
22	Other transportation equipment	0.6	0.6	0.6	.....	71	Ambulatory health care services	3.5	3.5	3.5	.....
23	Furniture and related products	0.3	0.3	0.3	.....	72	Hospitals and nursing and residential care facilities	2.8	2.8	2.7	.....
24	Miscellaneous manufacturing.....	0.6	0.6	0.6	.....	73	Social assistance	0.6	0.6	0.6	.....
25	Nonurable goods	5.4	5.3	5.3	5.2	74	Arts, entertainment, recreation, accommodation, and food services	3.6	3.6	3.6	3.6
26	Food and beverage and tobacco products.....	1.5	1.3	1.4	.....	75	Arts, entertainment, and recreation	1.0	0.9	0.9	0.9
27	Textile mills and textile product mills	0.2	0.2	0.2	.....	76	Performing arts, spectator sports, museums, and related activities	0.5	0.4	0.4	.....
28	Apparel and leather and allied products	0.2	0.1	0.1	.....	77	Amusements, gambling, and recreation industries	0.5	0.5	0.5	.....
29	Paper products.....	0.5	0.5	0.4	.....	78	Accommodation and food services	2.7	2.7	2.7	2.6
30	Printing and related support activities.....	0.4	0.4	0.4	.....	79	Accommodation	0.8	0.8	0.8	.....
31	Petroleum and coal products	0.4	0.5	0.5	.....	80	Food services and drinking places.....	1.8	1.8	1.8	.....
32	Chemical products	1.6	1.7	1.7	.....	81	Other services, except government	2.4	2.3	2.3	2.2
33	Plastics and rubber products	0.6	0.6	0.5	.....	82	Government	12.9	12.7	12.6	12.4
34	Wholesale trade	5.8	5.9	6.0	6.0	83	Federal	4.1	4.1	4.0	3.9
35	Retail trade	6.9	6.7	6.6	6.5	84	General government	3.5	3.5	3.5	.....
36	Transportation and warehousing	2.9	2.8	2.8	2.7	85	Government enterprises	0.6	0.6	0.5	.....
37	Air transportation.....	0.5	0.4	0.3	.....	86	State and local	8.8	8.6	8.5	8.5
38	Rail transportation	0.3	0.3	0.3	.....	87	General government	8.2	8.0	7.9	.....
39	Water transportation	0.1	0.1	0.1	.....	88	Government enterprises	0.7	0.6	0.6	.....
40	Truck transportation	0.9	0.9	0.9	.....		Addenda:				
41	Transit and ground passenger transportation.....	0.1	0.1	0.1	.....	89	Private goods-producing industries ¹	19.3	19.6	19.9	19.8
42	Pipeline transportation	0.1	0.1	0.1	.....	90	Private services-producing industries ²	67.8	67.7	67.5	67.8
43	Other transportation and support activities	0.7	0.7	0.7	.....	91	Information-communications-technology-producing industries ³	3.8	3.8	3.9	3.9
44	Warehousing and storage	0.3	0.3	0.3	.....					
45	Information	4.5	4.5	4.5	4.4						
46	Publishing industries (includes software)	1.1	1.1	1.2	.....					
47	Motion picture and sound recording industries	0.3	0.3	0.3	.....					
48	Broadcasting and telecommunications	2.5	2.6	2.4	.....					
49	Information and data processing services	0.4	0.5	0.5	.....					

1. Consists of agriculture, forestry, fishing, and hunting; mining; construction; and manufacturing.

2. Consists of utilities; wholesale trade; retail trade; transportation and warehousing; information; finance, insurance, real estate, rental, and leasing; professional and business services; educational services, health care, and social assistance; arts, entertainment, recreation, accommodation, and food services; and other services, except government.

3. Consists of computer and electronic products; publishing industries (includes software); information and data processing services; and computer systems design and related services.

Table 3. Chain-Type Quantity Indexes for Value Added by Industry, 2003–2006

[2000=100]

Line		2003	2004	2005	2006	Line		2003	2004	2005	2006
1	Gross domestic product	104.931	109.031	112.546	116.281	50	Finance, insurance, real estate, rental, and leasing	107.288	111.875	115.182	121.364
2	Private industries	105.068	109.521	113.170	117.373	51	Finance and insurance	110.451	112.761	115.264	120.286
3	Agriculture, forestry, fishing, and hunting	106.173	112.686	112.854	118.470	52	Federal Reserve banks, credit intermediation, and related activities.....	124.986	120.707	124.524	.....
4	Farms.....	106.220	114.112	115.266	.....	53	Securities, commodity contracts, and investments ...	106.235	112.922	122.313	.....
5	Forestry, fishing, and related activities.....	105.604	107.104	103.799	.....	54	Insurance carriers and related activities.....	94.204	102.036	99.299	.....
6	Mining	87.922	88.683	86.395	85.802	55	Funds, trusts, and other financial vehicles.....	90.815	104.570	111.960	.....
7	Oil and gas extraction.....	96.444	95.284	90.894	.....	56	Real estate and rental and leasing	105.363	111.320	115.115	121.996
8	Mining, except oil and gas.....	88.856	87.146	84.209	.....	57	Real estate.....	106.455	113.264	117.726	.....
9	Support activities for mining.....	59.752	68.037	72.801	.....	58	Rental and leasing services and lessors of intangible assets.....	93.965	90.892	87.706	.....
10	Utilities	105.990	108.540	109.837	111.179	59	Professional and business services	103.554	108.925	115.018	120.088
11	Construction	96.189	97.632	101.466	102.743	60	Professional, scientific, and technical services	102.990	111.032	118.637	124.785
12	Manufacturing	98.168	104.520	106.794	110.351	61	Legal services.....	99.233	102.717	103.559	.....
13	Durable goods.....	98.169	105.680	110.832	118.236	62	Computer systems design and related services.....	101.202	109.517	117.751	.....
14	Wood products.....	96.772	99.900	103.211	.....	63	Miscellaneous professional, scientific, and technical services.....	104.786	114.428	124.483	.....
15	Nonmetallic mineral products.....	98.862	106.227	105.791	.....	64	Management of companies and enterprises	103.913	106.716	108.256	109.081
16	Primary metals.....	87.803	101.146	100.146	.....	65	Administrative and waste management services	104.653	105.529	111.100	116.494
17	Fabricated metal products.....	85.920	93.329	97.852	.....	66	Administrative and support services.....	104.627	105.869	111.193	.....
18	Machinery.....	83.825	95.831	99.733	.....	67	Waste management and remediation services.....	104.886	102.196	110.233	.....
19	Computer and electronic products.....	115.626	139.281	167.012	.....	68	Educational services, health care, and social assistance	112.257	115.926	119.964	123.846
20	Electrical equipment, appliances, and components.....	99.088	92.303	94.002	.....	69	Educational services	106.056	108.546	110.614	112.800
21	Motor vehicles, bodies and trailers, and parts.....	115.974	109.035	105.905	.....	70	Health care and social assistance	113.098	116.934	121.257	125.388
22	Other transportation equipment.....	86.057	88.447	91.844	.....	71	Ambulatory health care services.....	116.708	121.199	128.313	.....
23	Furniture and related products.....	96.036	108.940	106.339	.....	72	Hospitals and nursing and residential care facilities	107.040	109.629	110.247	.....
24	Miscellaneous manufacturing.....	102.764	112.465	121.842	.....	73	Social assistance.....	120.473	126.786	134.069	.....
25	Nondurable goods.....	98.265	103.108	101.801	100.861	74	Arts, entertainment, recreation, accommodation, and food services	104.138	107.313	108.798	111.834
26	Food and beverage and tobacco products.....	97.825	94.220	98.737	.....	75	Arts, entertainment, and recreation	108.824	109.352	108.914	112.504
27	Textile mills and textile product mills.....	89.144	88.754	90.869	.....	76	Performing arts, spectator sports, museums, and related activities.....	109.798	111.171	109.830	.....
28	Apparel and leather and allied products.....	73.793	70.641	70.719	.....	77	Amusements, gambling, and recreation industries ...	108.003	107.809	108.160	.....
29	Paper products.....	93.728	101.253	103.421	.....	78	Accommodation and food services	102.544	106.635	108.783	111.629
30	Printing and related support activities.....	88.675	92.357	93.595	.....	79	Accommodation.....	96.082	99.720	100.417	.....
31	Petroleum and coal products.....	116.921	145.045	114.209	.....	80	Food services and drinking places.....	105.865	110.187	113.085	.....
32	Chemical products.....	107.961	116.870	114.904	.....	81	Other services, except government	100.615	100.126	99.437	100.302
33	Plastics and rubber products.....	94.352	102.090	100.519	.....	82	Government	103.776	104.302	104.994	105.598
34	Wholesale trade	110.380	111.634	113.262	115.184	83	Federal	102.763	103.722	103.558	102.757
35	Retail trade	113.559	116.429	122.274	127.360	84	General government.....	105.250	106.265	106.947	.....
36	Transportation and warehousing	101.534	106.860	111.117	113.184	85	Government enterprises.....	90.788	91.462	86.647	.....
37	Air transportation.....	116.462	123.300	130.998	.....	86	State and local	104.230	104.552	105.652	106.928
38	Rail transportation.....	100.567	105.446	101.721	.....	87	General government.....	104.997	105.491	106.536	.....
39	Water transportation.....	74.154	81.652	91.479	.....	88	Government enterprises.....	96.116	94.522	96.243	.....
40	Truck transportation.....	95.731	103.161	107.877	.....	89	Addenda:				
41	Transit and ground passenger transportation.....	99.030	98.937	99.930	.....	89	Private goods-producing industries ¹	97.402	102.125	104.243	106.855
42	Pipeline transportation.....	106.567	106.219	127.013	.....	90	Private services-producing industries ²	107.496	111.866	116.007	120.730
43	Other transportation and support activities.....	100.086	102.626	103.923	.....	91	Information-communications-technology-producing industries ³	108.915	123.840	140.347	157.853
44	Warehousing and storage.....	107.894	115.088	125.958	.....					
45	Information	109.430	121.914	132.868	142.452						
46	Publishing industries (includes software).....	106.069	119.376	134.758	.....					
47	Motion picture and sound recording industries.....	111.123	112.806	114.080	.....					
48	Broadcasting and telecommunications.....	108.505	121.266	130.231	.....					
49	Information and data processing services.....	123.142	141.024	160.509	.....					

1. Consists of agriculture, forestry, fishing, and hunting; mining; construction; and manufacturing.

2. Consists of utilities; wholesale trade; retail trade; transportation and warehousing; information; finance, insurance, real estate, rental, and leasing; professional and business services; educational services, health care, and social assistance; arts, entertainment, recreation, accommodation, and food services; and other services, except government.

3. Consists of computer and electronic products; publishing industries (includes software); information and data processing services; and computer systems design and related services.

Table 3.A. Percent Changes in Chain-Type Quantity Indexes for Value Added by Industry, 2003–2006

Line		2003	2004	2005	2006	Line		2003	2004	2005	2006
1	Gross domestic product	2.5	3.9	3.2	3.3	50	Finance, insurance, real estate, rental, and leasing	2.4	4.3	3.0	5.4
2	Private industries	2.7	4.2	3.3	3.7	51	Finance and insurance	3.5	2.1	2.2	4.4
3	Agriculture, forestry, fishing, and hunting	7.5	6.1	0.1	5.0	52	Federal Reserve banks, credit intermediation, and related activities.....	4.6	-3.4	3.2	.....
4	Farms.....	8.4	7.4	1.0	.....	53	Securities, commodity contracts, and investments....	5.0	6.3	8.3	.....
5	Forestry, fishing, and related activities.....	4.8	1.4	-3.1	.....	54	Insurance carriers and related activities.....	-0.1	8.3	-2.7	.....
6	Mining	-0.9	0.9	-2.6	-0.7	55	Funds, trusts, and other financial vehicles.....	17.5	15.1	7.1	.....
7	Oil and gas extraction.....	-4.7	-1.2	-4.6	.....	56	Real estate and rental and leasing	1.7	5.7	3.4	6.0
8	Mining, except oil and gas.....	-0.7	-1.9	-3.4	.....	57	Real estate.....	2.0	6.4	3.9	.....
9	Support activities for mining.....	14.9	13.9	7.0	.....	58	Rental and leasing services and lessors of intangible assets.....	-2.4	-3.3	-3.5	.....
10	Utilities	6.9	2.4	1.2	1.2	59	Professional and business services	4.4	5.2	5.6	4.4
11	Construction	-2.0	1.5	3.9	1.3	60	Professional, scientific, and technical services	4.0	7.8	6.8	5.2
12	Manufacturing	1.1	6.5	2.2	3.3	61	Legal services.....	1.9	3.5	0.8	.....
13	Durable goods.....	2.6	7.7	4.9	6.7	62	Computer systems design and related services.....	-0.3	8.2	7.5	.....
14	Wood products.....	0.3	3.2	3.3	.....	63	Miscellaneous professional, scientific, and technical services.....	5.9	9.2	8.8	.....
15	Nonmetallic mineral products.....	-0.7	7.4	-0.4	.....	64	Management of companies and enterprises	2.8	2.7	1.4	0.8
16	Primary metals.....	-4.1	15.2	-1.0	.....	65	Administrative and waste management services	6.4	0.8	5.3	4.9
17	Fabricated metal products.....	0.2	8.6	4.8	.....	66	Administrative and support services.....	6.3	1.2	5.0	.....
18	Machinery.....	-1.8	14.3	4.1	.....	67	Waste management and remediation services.....	7.7	-2.6	7.9	.....
19	Computer and electronic products.....	15.5	20.5	19.9	.....	68	Educational services, health care, and social assistance	4.4	3.3	3.5	3.2
20	Electrical equipment, appliances, and components.....	2.6	-6.8	1.8	.....	69	Educational services	3.5	2.3	1.9	2.0
21	Motor vehicles, bodies and trailers, and parts.....	7.4	-6.0	-2.9	.....	70	Health care and social assistance	4.5	3.4	3.7	3.4
22	Other transportation equipment.....	-13.7	2.8	3.8	.....	71	Ambulatory health care services.....	4.6	3.8	5.9	.....
23	Furniture and related products.....	7.6	13.4	-2.4	.....	72	Hospitals and nursing and residential care facilities.....	4.0	2.4	0.6	.....
24	Miscellaneous manufacturing.....	4.8	9.4	8.3	.....	73	Social assistance.....	6.3	5.2	5.7	.....
25	Nondurable goods.....	-0.8	4.9	-1.3	-0.9	74	Arts, entertainment, recreation, accommodation, and food services	3.1	3.0	1.4	2.8
26	Food and beverage and tobacco products.....	-1.5	-3.7	4.8	.....	75	Arts, entertainment, and recreation	1.9	0.5	-0.4	3.3
27	Textile mills and textile product mills.....	10.3	-0.4	2.4	.....	76	Performing arts, spectator sports, museums, and related activities.....	2.3	1.3	-1.2	.....
28	Apparel and leather and allied products.....	-12.5	-4.3	0.1	.....	77	Amusements, gambling, and recreation industries....	1.6	-0.2	0.3	.....
29	Paper products.....	2.5	8.0	2.1	.....	78	Accommodation and food services	3.5	4.0	2.0	2.6
30	Printing and related support activities.....	-0.1	4.2	1.3	.....	79	Accommodation.....	0.5	3.8	0.7	.....
31	Petroleum and coal products.....	-5.6	24.1	-21.3	.....	80	Food services and drinking places.....	4.9	4.1	2.6	.....
32	Chemical products.....	-0.5	8.3	-1.7	.....	81	Other services, except government	2.0	-0.5	-0.7	0.9
33	Plastics and rubber products.....	0.1	8.2	-1.5	.....	82	Government	1.3	0.5	0.7	0.6
34	Wholesale trade	2.1	1.1	1.5	1.7	83	Federal	2.4	0.9	-0.2	-0.8
35	Retail trade	3.9	2.5	5.0	4.2	84	General government.....	2.7	1.0	0.6	.....
36	Transportation and warehousing	2.0	5.2	4.0	1.9	85	Government enterprises.....	1.1	0.7	-5.3	.....
37	Air transportation.....	7.0	5.9	6.2	.....	86	State and local	0.8	0.3	1.1	1.2
38	Rail transportation.....	5.0	4.9	-3.5	.....	87	General government.....	0.6	0.5	1.0	.....
39	Water transportation.....	-4.8	10.1	12	.....	88	Government enterprises.....	2.5	-1.7	1.8	.....
40	Truck transportation.....	1.5	7.8	4.6	.....	Addenda:					
41	Transit and ground passenger transportation.....	-2.1	-0.1	1.0	.....	89	Private goods-producing industries ¹	0.6	4.8	2.1	2.5
42	Pipeline transportation.....	-3.3	-0.3	19.6	.....	90	Private services-producing industries ²	3.3	4.1	3.7	4.1
43	Other transportation and support activities.....	-0.4	2.5	1.3	.....	91	Information-communications-technology-producing industries ³	7.2	13.7	13.3	12.5
44	Warehousing and storage.....	5.1	6.7	9.4	.....					
45	Information	3.0	11.4	9.0	7.2						
46	Publishing industries (includes software).....	7.3	12.5	12.9	.....					
47	Motion picture and sound recording industries.....	1.0	1.5	1.1	.....					
48	Broadcasting and telecommunications.....	0.9	11.8	7.4	.....					
49	Information and data processing services.....	6.4	14.5	13.8	.....					

1. Consists of agriculture, forestry, fishing, and hunting; mining; construction; and manufacturing.

2. Consists of utilities; wholesale trade; retail trade; transportation and warehousing; information; finance, insurance, real estate, rental, and leasing; professional and business services; educational services, health care, and social assistance; arts, entertainment, recreation, accommodation, and food services; and other services, except government.

3. Consists of computer and electronic products; publishing industries (includes software); information and data processing services; and computer systems design and related services.

Table 4. Real Value Added by Industry, 2003–2006
[Billions of chained (2000) dollars]

Line	2003	2004	2005	2006	Line	2003	2004	2005	2006
1	10,301.0	10,703.5	11,048.6	11,415.3	50	2,071.7	2,160.3	2,224.1	2,343.5
2	9,050.9	9,434.5	9,748.8	10,110.8	51	817.9	835.0	853.5	890.7
3	104.1	110.5	110.6	116.1	52				
4	76.0	81.6	82.4		53	398.7	385.1	397.3	
5	28.0	28.4	27.5		54	178.2	189.4	205.1	
6	106.7	107.6	104.8	104.1	55	224.5	243.1	236.6	
7	78.1	77.2	73.6		56	14.1	16.2	17.3	
8	24.0	23.5	22.7		57	1,254.3	1,325.2	1,370.4	1,452.3
9	8.0	9.1	9.7		58	1,152.0	1,225.7	1,273.9	
10	200.6	205.5	207.9	210.5	59	1,181.4	1,242.7	1,312.2	1,370.0
11	419.3	425.6	442.3	447.9	60	695.3	749.6	800.9	842.5
12	1,400.1	1,490.7	1,523.1	1,573.8	61	135.1	139.8	141.0	
13	849.4	914.4	959.0	1,023.1	62	127.3	137.7	148.1	
14	30.4	31.4	32.4		63		433.0	472.9	514.4
15	45.2	48.6	48.4		64	190.5	195.7	198.5	200.0
16	42.3	48.7	48.3		65	295.5	298.0	313.7	328.9
17	104.6	113.6	119.1		66	269.1	272.3	286.0	
18	91.6	104.7	109.0		67	26.4	25.7	27.7	
19	214.6	258.5	309.9		68	761.6	786.5	813.9	840.2
20	50.1	46.7	47.5		69	84.0	86.0	87.6	89.4
21	137.0	128.8	125.1		70	677.7	700.7	726.6	751.3
22	55.5	57.0	59.2		71	359.0	372.8	394.7	
23	31.4	35.6	34.8		72	255.3	261.5	263.0	
24	59.1	64.7	70.1		73	63.9	67.2	71.1	
25	551.2	578.4	571.1	565.8	74				
26	151.4	145.9	152.9		75	364.6	375.7	380.9	391.6
27	23.6	23.5	24.0		76	96.5	97.0	96.6	99.8
28	18.5	17.7	17.7		77				
29	52.1	56.3	57.5		78	268.1	278.8	284.4	291.8
30	43.5	45.3	45.9		79	87.1	90.4	91.1	
31	30.7	38.1	30.0		80	180.8	188.2	193.1	
32	169.6	183.6	180.5		81	230.5	229.4	227.8	229.8
33	63.0	68.1	67.1		82	1,248.1	1,254.4	1,262.7	1,270.0
34	653.1	660.5	670.2	681.5	83	389.2	392.8	392.2	389.2
35	752.2	771.3	810.0	843.7	84	331.9	335.1	337.3	
36	306.2	322.3	335.2	341.4	85	57.5	58.0	54.9	
37	67.2	71.1	75.6		86	858.8	861.4	870.5	881.0
38	25.7	26.9	26.0		87	791.9	795.6	803.5	
39	5.4	5.9	6.6		88	67.0	65.9	67.1	
40	88.9	95.8	100.1		89	-17.2	-27.2	-52.3	
41	14.3	14.3	14.4		90	2,027.4	2,125.7	2,169.8	2,224.2
42	9.3	9.3	11.1		91	7,022.5	7,308.0	7,578.5	7,887.1
43	70.3	72.1	73.0		92				
44	26.9	28.7	31.5			507.3	576.8	653.7	735.3
45	501.5	558.7	608.9	652.9					
46	123.8	139.4	157.3						
47	36.1	36.7	37.1						
48	294.4	329.0	353.3						
49	46.5	53.2	60.6						

1. Chained (2000) dollar series are calculated as the product of the chain-type quantity index and the 2000 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive. The value of not allocated by industry reflects the difference between the first line and the sum of the most detailed lines, as well as the differences in source data used to estimate GDP by industry and the expenditures measure of real GDP.

2. Consists of agriculture, forestry, fishing, and hunting; mining; construction; and manufacturing.

3. Consists of utilities; wholesale trade; retail trade; transportation and warehousing; information; finance, insurance, real estate, rental, and leasing; professional and business services; educational services, health care, and social assistance; arts, entertainment, recreation, accommodation, and food services; and other services, except government.

4. Consists of computer and electronic products; publishing industries (includes software); information and data processing services; and computer systems design and related services.

Table 5. Chain-Type Price Indexes for Value Added by Industry, 2003-2006
[2000=100]

Line		2003	2004	2005	2006	Line		2003	2004	2005	2006
1	Gross domestic product	106.404	109.426	112.737	116.043	50	Finance, insurance, real estate, rental, and leasing ...	108.348	111.500	114.026	117.714
2	Private industries	105.431	108.342	111.729	114.831	51	Finance and insurance	105.716	109.855	112.206	115.356
3	Agriculture, forestry, fishing, and hunting	109.909	128.552	111.283	105.364	52	Federal Reserve banks, credit intermediation, and related activities	111.606	115.427	119.496	.....
4	Farms	116.180	140.433	116.270	.....	53	Securities, commodity contracts, and investments ...	81.881	82.773	81.599	.....
5	Forestry, fishing, and related activities	93.342	96.455	99.062	.....	54	Insurance carriers and related activities	113.608	121.606	125.168	.....
6	Mining	134.369	159.923	222.586	245.949	55	Funds, trusts, and other financial vehicles	133.123	125.846	112.177	.....
7	Oil and gas extraction.....	120.109	150.771	216.774	.....	56	Real estate and rental and leasing	110.021	112.540	115.176	119.197
8	Mining, except oil and gas.....	113.569	124.365	138.669	.....	57	Real estate.....	110.613	113.106	115.591	.....
9	Support activities for mining	279.377	291.444	434.466	.....	58	Rental and leasing services and lessors of intangible assets	103.889	106.736	111.360	.....
10	Utilities	109.643	114.464	119.278	124.782	59	Professional and business services	105.716	108.347	111.171	114.202
11	Construction	118.343	127.126	138.166	144.658	60	Professional, scientific, and technical services	105.439	106.037	107.886	110.346
12	Manufacturing	97.088	96.250	99.304	101.735	61	Legal services	114.162	120.956	128.296	.....
13	Durable goods	90.861	89.634	89.082	89.504	62	Computer systems design and related services	97.703	95.205	95.064	.....
14	Wood products	105.524	121.812	120.074	.....	63	Miscellaneous professional, scientific, and technical services.....	104.976	104.599	105.456	.....
15	Nonmetallic mineral products.....	99.805	101.887	110.171	.....	64	Management of companies and enterprises	102.611	107.606	113.771	119.555
16	Primary metals	90.635	111.353	126.513	.....	65	Administrative and waste management services ...	108.389	114.430	117.568	120.341
17	Fabricated metal products.....	101.675	104.265	109.598	.....	66	Administrative and support services.....	108.097	113.898	117.678	.....
18	Machinery.....	102.903	99.630	101.906	.....	67	Waste management and remediation services.....	111.397	119.907	116.338	.....
19	Computer and electronic products	57.793	50.117	43.660	.....	68	Educational services, health care, and social assistance	112.562	116.297	119.839	123.180
20	Electrical equipment, appliances, and components	97.376	97.911	100.582	.....	69	Educational services	119.108	125.826	132.093	137.943
21	Motor vehicles, bodies and trailers, and parts.....	90.598	85.287	76.285	.....	70	Health care and social assistance	111.730	115.095	118.305	121.344
22	Other transportation equipment	112.439	115.220	120.136	.....	71	Ambulatory health care services.....	107.424	109.771	111.963	.....
23	Furniture and related products	106.466	102.886	106.603	.....	72	Hospitals and nursing and residential care facilities	118.997	124.700	130.116	.....
24	Miscellaneous manufacturing.....	106.469	104.227	103.658	.....	73	Social assistance	105.893	105.682	106.104	.....
25	Nondurable goods	106.588	106.358	115.265	121.156	74	Arts, entertainment, recreation, accommodation, and food services	109.395	112.837	116.725	120.486
26	Food and beverage and tobacco products	110.894	107.059	114.929	.....	75	Arts, entertainment, and recreation	111.075	114.250	118.132	122.141
27	Textile mills and textile product mills.....	97.987	99.797	99.204	.....	76	Performing arts, spectator sports, museums, and related activities	112.848	117.211	122.832	.....
28	Apparel and leather and allied products.....	98.771	96.516	95.027	.....	77	Amusements, gambling, and recreation industries ...	109.614	111.791	114.209	.....
29	Paper products	96.551	93.715	94.893	.....	78	Accommodation and food services	108.796	112.331	116.221	119.897
30	Printing and related support activities	104.121	102.578	102.327	.....	79	Accommodation	104.100	109.631	114.928	.....
31	Petroleum and coal products.....	127.561	141.311	211.694	.....	80	Food services and drinking places	111.171	113.749	116.975	.....
32	Chemical products	105.853	108.111	115.944	.....	81	Other services, except government	115.076	119.506	124.127	128.677
33	Plastics and rubber products.....	101.708	98.449	100.887	.....	82	Government	113.648	118.854	123.827	128.834
34	Wholesale trade	97.535	104.183	110.898	115.721	83	Federal	115.255	121.771	127.172	132.356
35	Retail trade	99.899	101.285	101.673	102.309	84	General government	115.672	122.817	129.479	.....
36	Transportation and warehousing	103.372	102.410	102.829	106.529	85	Government enterprises	112.350	115.212	113.088	.....
37	Air transportation	77.010	63.172	54.257	.....	86	State and local	112.932	117.542	122.323	127.250
38	Rail transportation	109.364	112.232	124.260	.....	87	General government	113.166	117.747	122.735	.....
39	Water transportation	163.183	153.155	136.734	.....	88	Government enterprises	109.954	114.903	117.176	.....
40	Truck transportation	110.694	112.759	113.978	.....		Addenda:				
41	Transit and ground passenger transportation.....	112.214	116.111	118.478	.....	89	Private goods-producing industries ¹	104.235	107.724	114.298	118.131
42	Pipeline transportation	106.109	103.691	84.205	.....	90	Private services-producing industries ²	105.790	108.534	111.000	113.895
43	Other transportation and support activities	107.313	113.312	122.048	.....	91	Information-communications-technology-producing industries ³	83.025	77.754	74.447	70.881
44	Warehousing and storage	105.112	104.619	103.957	.....					
45	Information	97.520	94.720	91.177	88.722						
46	Publishing industries (includes software)	99.781	95.902	95.510	.....					
47	Motion picture and sound recording industries	105.919	108.879	109.189	.....					
48	Broadcasting and telecommunications.....	94.416	91.617	86.066	.....					
49	Information and data processing services.....	106.103	101.878	99.638	.....					

1. Consists of agriculture, forestry, fishing, and hunting; mining; construction; and manufacturing.
 2. Consists of utilities; wholesale trade; retail trade; transportation and warehousing; information; finance, insurance, real estate, rental, and leasing; professional and business services; educational services, health care, and social assistance; arts, entertainment, recreation, accommodation, and food services; and other services, except government.
 3. Consists of computer and electronic products; publishing industries (includes software); information and data processing services; and computer systems design and related services.

Table 5.A. Percent Changes in Chain-Type Price Indexes for Value Added by Industry, 2003-2006

Line	2003	2004	2005	2006	Line	2003	2004	2005	2006		
1	Gross domestic product	2.1	2.8	3.0	2.9	50	Finance, insurance, real estate, rental, and leasing ...	2.4	2.9	2.3	3.2
2	Private industries	1.8	2.8	3.1	2.8	51	Finance and insurance	1.5	3.9	2.1	2.8
3	Agriculture, forestry, fishing, and hunting	11.5	17.0	-13.4	-5.3	52	Federal Reserve banks, credit intermediation, and related activities.....	1.9	3.4	3.5	.....
4	Farms.....	15.0	20.9	-17.2	.....	53	Securities, commodity contracts, and investments.....	-6.3	1.1	-1.4	.....
5	Forestry, fishing, and related activities.....	1.2	3.3	2.7	.....	54	Insurance carriers and related activities.....	7.5	7.0	2.9	.....
6	Mining	35.8	19.0	39.2	10.5	55	Funds, trusts, and other financial vehicles.....	-18.1	-5.5	-10.9	.....
7	Oil and gas extraction.....	56.9	25.5	43.8	.....	56	Real estate and rental and leasing	2.9	2.3	2.3	3.5
8	Mining, except oil and gas.....	2.3	9.5	11.5	.....	57	Real estate.....	2.7	2.3	2.2	.....
9	Support activities for mining.....	14.5	4.3	49.1	.....	58	Rental and leasing services and lessors of intangible assets.....	5.0	2.7	4.3	.....
10	Utilities	-0.8	4.4	4.2	4.6	59	Professional and business services	0.6	2.5	2.6	2.7
11	Construction	5.0	7.4	8.7	4.7	60	Professional, scientific, and technical services	0.0	0.6	1.7	2.3
12	Manufacturing	-0.6	-0.9	3.2	2.4	61	Legal services.....	3.8	6.0	6.1	.....
13	Durable goods.....	-2.9	-1.4	-0.6	0.5	62	Computer systems design and related services.....	-2.1	-2.6	-0.1	.....
14	Wood products.....	5.2	15.4	-1.4	.....	63	Miscellaneous professional, scientific, and technical services.....	-0.7	-0.4	0.8	.....
15	Nonmetallic mineral products.....	-1.1	2.1	8.1	.....	64	Management of companies and enterprises	3.5	4.9	5.7	5.1
16	Primary metals.....	-4.7	22.9	13.6	.....	65	Administrative and waste management services	0.4	5.6	2.7	2.4
17	Fabricated metal products.....	-1.2	2.5	5.1	.....	66	Administrative and support services.....	0.2	5.4	3.3	.....
18	Machinery.....	-0.5	-3.2	2.3	.....	67	Waste management and remediation services.....	2.2	7.6	-3.0	.....
19	Computer and electronic products.....	-13.5	-13.3	-12.9	.....	68	Educational services, health care, and social assistance	2.7	3.3	3.0	2.8
20	Electrical equipment, appliances, and components.....	-2.5	0.5	2.7	.....	69	Educational services	3.7	5.6	5.0	4.4
21	Motor vehicles, bodies and trailers, and parts.....	-2.8	-5.9	-10.6	.....	70	Health care and social assistance	2.6	3.0	2.8	2.6
22	Other transportation equipment.....	3.7	2.5	4.3	.....	71	Ambulatory health care services.....	1.9	2.2	2.0	.....
23	Furniture and related products.....	0.1	-3.4	3.6	.....	72	Hospitals and nursing and residential care facilities.....	4.0	4.8	4.3	.....
24	Miscellaneous manufacturing.....	0.0	-2.1	-0.5	.....	73	Social assistance.....	0.4	-0.2	0.4	.....
25	Nondurable goods.....	2.5	-0.2	8.4	5.1	74	Arts, entertainment, recreation, accommodation, and food services	1.4	3.1	3.4	3.2
26	Food and beverage and tobacco products.....	-1.4	-3.5	7.4	.....	75	Arts, entertainment, and recreation	2.7	2.9	3.4	3.4
27	Textile mills and textile product mills.....	-4.6	1.8	-0.6	.....	76	Performing arts, spectator sports, museums, and related activities.....	3.7	3.9	4.8	.....
28	Apparel and leather and allied products.....	-0.3	-2.3	-1.5	.....	77	Amusements, gambling, and recreation industries.....	1.9	2.0	2.2	.....
29	Paper products.....	-2.4	-2.9	1.3	.....	78	Accommodation and food services	0.9	3.2	3.5	3.2
30	Printing and related support activities.....	-0.8	-1.5	-0.2	.....	79	Accommodation.....	1.3	5.3	4.8	.....
31	Petroleum and coal products.....	57.9	10.8	49.8	.....	80	Food services and drinking places.....	0.8	2.3	2.8	.....
32	Chemical products.....	3.5	2.1	7.2	.....	81	Other services, except government	3.0	3.8	3.9	3.7
33	Plastics and rubber products.....	-2.4	-3.2	2.5	.....	82	Government	4.6	4.6	4.2	4.0
34	Wholesale trade	1.3	6.8	6.4	4.3	83	Federal	4.9	5.7	4.4	4.1
35	Retail trade	0.5	1.4	0.4	0.6	84	General government.....	6.0	6.2	5.4	.....
36	Transportation and warehousing	1.9	-0.9	0.4	3.6	85	Government enterprises.....	-0.8	2.5	-1.8	.....
37	Air transportation.....	0.0	-18.0	-14.1	.....	86	State and local	4.5	4.1	4.1	4.0
38	Rail transportation.....	2.1	2.6	10.7	.....	87	General government.....	4.9	4.0	4.2	.....
39	Water transportation.....	31.9	-6.1	-10.7	.....	88	Government enterprises.....	-0.4	4.5	2.0	.....
40	Truck transportation.....	1.3	1.9	1.1	.....	89	Addenda:				
41	Transit and ground passenger transportation.....	4.6	3.5	2.0	.....	90	Private goods-producing industries ¹	3.2	3.3	6.1	3.4
42	Pipeline transportation.....	-11.5	-2.3	-18.8	.....	91	Private services-producing industries ²	1.4	2.6	2.3	2.6
43	Other transportation and support activities.....	3.2	5.6	7.7	.....		Information-communications-technology-producing industries ³	-5.7	-6.3	-4.3	-4.8
44	Warehousing and storage.....	0.4	-0.5	-0.6	.....					
45	Information	-1.7	-2.9	-3.7	-2.7						
46	Publishing industries (includes software).....	-3.2	-3.9	-0.4	.....					
47	Motion picture and sound recording industries.....	-2.5	2.8	0.3	.....					
48	Broadcasting and telecommunications.....	-1.2	-3.0	-6.1	.....					
49	Information and data processing services.....	0.4	-4.0	-2.2	.....					

1. Consists of agriculture, forestry, fishing, and hunting; mining; construction; and manufacturing.

2. Consists of utilities; wholesale trade; retail trade; transportation and warehousing; information; finance, insurance, real estate, rental, and leasing; professional and business services; educational services, health care, and social assistance; arts, entertainment, recreation, accommodation, and food services; and other services, except government.

3. Consists of computer and electronic products; publishing industries (includes software); information and data processing services; and computer systems design and related services.

Table 6. Contributions to Percent Change in Real Gross Domestic Product by Industry Group, 2003-2006

Line		2003	2004	2005	2006
	Percent change:				
1	Gross domestic product	2.5	3.9	3.2	3.3
	Percentage points:				
2	Private industries	2.31	3.69	2.91	3.25
3	Agriculture, forestry, fishing, and hunting.....	0.07	0.07	0.00	0.05
4	Mining	-0.01	0.01	-0.04	-0.01
5	Utilities	0.13	0.05	0.02	0.02
6	Construction	-0.10	0.07	0.19	0.06
7	Manufacturing	0.15	0.79	0.27	0.40
8	Durable goods	0.19	0.53	0.34	0.45
9	Nondurable goods	-0.04	0.26	-0.07	-0.05
10	Wholesale trade	0.13	0.07	0.09	0.10
11	Retail trade	0.27	0.17	0.33	0.27
12	Transportation and warehousing	0.06	0.15	0.11	0.05
13	Information	0.13	0.49	0.39	0.31
14	Finance, insurance, real estate, rental, and leasing	0.49	0.87	0.60	1.09
15	Finance and insurance	0.28	0.17	0.17	0.33
16	Real estate and rental and leasing	0.21	0.71	0.43	0.76
17	Professional and business services	0.50	0.59	0.64	0.52
18	Professional, scientific, and technical services	0.26	0.52	0.46	0.36
19	Management of companies and enterprises	0.05	0.05	0.03	0.01
20	Administrative and waste management services	0.18	0.02	0.15	0.14
21	Educational services, health care, and social assistance	0.34	0.26	0.27	0.25
22	Educational services	0.03	0.02	0.02	0.02
23	Health care and social assistance	0.31	0.23	0.25	0.23
24	Arts, entertainment, recreation, accommodation, and food services	0.11	0.11	0.05	0.10
25	Arts, entertainment, and recreation	0.02	0.00	0.00	0.03
26	Accommodation and food services	0.09	0.11	0.05	0.07
27	Other services, except government	0.05	-0.01	-0.02	0.02
28	Government	0.17	0.07	0.08	0.07
29	Federal	0.10	0.04	-0.01	-0.03
30	State and local	0.07	0.03	0.09	0.10
	Addenda:				
31	Private goods-producing industries ¹	0.11	0.94	0.41	0.50
32	Private services-producing industries ²	2.20	2.75	2.49	2.75
33	Information-communications-technology-producing industries ³	0.28	0.50	0.49	0.47

1. Consists of agriculture, forestry, fishing, and hunting; mining; construction; and manufacturing.

2. Consists of utilities; wholesale trade; retail trade; transportation and warehousing; information; finance, insurance, real estate, rental, and leasing; professional and business services; educational services, health care, and social assistance; arts, entertainment, recreation, accommodation, and food services; and other services, except government.

3. Consists of computer and electronic products; publishing industries (includes software); information and data processing services; and computer systems design and related services.

NOTE: Percentage-point contributions do not sum to the percent change in gross domestic product because the contribution of "not allocated by industry" is excluded.

Table 7. Contributions to Percent Change in the Chain-Type Price Index for Gross Domestic Product by Industry Group, 2003-2006

Line		2003	2004	2005	2006
	Percent change:				
1	Gross domestic product	2.1	2.8	3.0	2.9
	Percentage points:				
2	Private industries	1.57	2.41	2.73	2.43
3	Agriculture, forestry, fishing, and hunting.....	0.11	0.18	-0.16	-0.05
4	Mining	0.36	0.25	0.56	0.19
5	Utilities	-0.02	0.09	0.08	0.09
6	Construction	0.23	0.33	0.40	0.23
7	Manufacturing	-0.08	-0.11	0.39	0.30
8	Durable goods	-0.22	-0.10	-0.04	0.03
9	Nondurable goods	0.14	-0.01	0.43	0.26
10	Wholesale trade	0.08	0.39	0.38	0.26
11	Retail trade	0.04	0.09	0.03	0.04
12	Transportation and warehousing	0.05	-0.03	0.01	0.10
13	Information	-0.08	-0.13	-0.17	-0.12
14	Finance, insurance, real estate, rental, and leasing	0.48	0.60	0.47	0.66
15	Finance and insurance	0.12	0.31	0.17	0.22
16	Real estate and rental and leasing	0.36	0.29	0.30	0.45
17	Professional and business services	0.07	0.29	0.30	0.32
18	Professional, scientific, and technical services	0.00	0.04	0.12	0.16
19	Management of companies and enterprises	0.06	0.09	0.10	0.09
20	Administrative and waste management services	0.01	0.16	0.08	0.07
21	Educational services, health care, and social assistance	0.21	0.26	0.24	0.22
22	Educational services	0.03	0.05	0.05	0.04
23	Health care and social assistance	0.18	0.21	0.19	0.18
24	Arts, entertainment, recreation, accommodation, and food services	0.05	0.11	0.12	0.11
25	Arts, entertainment, and recreation	0.03	0.03	0.03	0.03
26	Accommodation and food services	0.03	0.09	0.09	0.08
27	Other services, except government	0.07	0.09	0.09	0.08
28	Government	0.59	0.58	0.53	0.50
29	Federal	0.20	0.23	0.18	0.16
30	State and local	0.39	0.36	0.35	0.34
	Addenda:				
31	Private goods-producing industries ¹	0.61	0.65	1.19	0.67
32	Private services-producing industries ²	0.96	1.76	1.54	1.77
33	Information-communications-technology-producing industries ³	-0.23	-0.26	-0.17	-0.20

1. Consists of agriculture, forestry, fishing, and hunting; mining; construction; and manufacturing.

2. Consists of utilities; wholesale trade; retail trade; transportation and warehousing; information; finance, insurance, real estate, rental, and leasing; professional and business services; educational services, health care, and social assistance; arts, entertainment, recreation, accommodation, and food services; and other services, except government.

3. Consists of computer and electronic products; publishing industries (includes software); information and data processing services; and computer systems design and related services.

NOTE: Percentage-point contributions do not sum to the percent change in gross domestic product because the contribution of "not allocated by industry" is excluded.